FEB 2 1 1986

HE 20.7112/5:983-84/v. 1

ORIGINAL
COMPLETED
1035

Registry of Toxic Effects of Chemical Substances

1983-84 Cumulative Supplement to the 1981-82 Edition

NIOSH

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
PUBLIC HEALTH SERVICE
CENTERS FOR DISEASE CONTROL
NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

BEST COPY AVAILABLE

HOW TO USE THIS REGISTRY

1. The Registry of Toxic Effects of Chemical Substances (RTECS) is a compendium of toxicity data extracted from the scientific literature. All data listed in the Registry are referenced to the sources in which the data appeared. The Registry has not evaluated the data; inclusion herein does not mean endorsement of the reference. Evaluation of the cited references is the responsibliity of the reader.

2. An explanation of changes in the 1983 Registry appears in the Preface (page iv).

3. To find the main entry for a substance:

   a. Look up the substance name alphabetically, ignoring prefixes and numerals.

   b. If the name sought is the Registry prime name, it is preceded by a nine-position alphanumeric RTECS accession number. The complete RTECS data record follows the prime name.

   c. If the name sought is a Registry synonym, it is followed by a "see" cross-reference to the applicable prime name accession number. Look up the indicated number.

4. The data record for each substance includes, where applicable and available:

   substance prime name and synonyms
   date when data record was last changed
   CAS number, molecular weight, molecular formula
   irritation data and references
   mutation data and references*
   reproductive effects data and references*
   tumorigenic data and references*
   toxicity data and references
   IARC and ACGIH reviews
   OSHA, EPA, and DOT standards and regulations
   NTP carcinogenesis bioassay status
   NIOSH criteria document and current intelligence bulletin citations
   NIOSH analytical methods
   EPA TSCA status
   EPA Gene-Tox Program registry agents

*Inclusion of mutation, reproductive effects, or tumorigenic data does not automatically mean that the substance has these effects in humans. See the Introduction for a complete explanation.

An example of a typical RTECS data record appears in Figure 1. An explanation of each data field appears in the Detailed File Description.

5. A complete CAS Number—RTECS Accession Number Index, in numerical order by CAS number, begins on page 1 of Volume 1. Those numbers designating substances that appear in this edition (1983-84 Cumulative Supplement) are marked with an asterisk (*).

6. A complete list of all RTECS bibliographic references alphabetized by CODEN appears at the end of volume 2.

BEST COPY AVAILABLE

REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

1983-84 SUPPLEMENT

VOLUME I
A-G

Edited by
Richard L. Lewis, Sr.
Doris V. Sweet

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control
National Institute for Occupational Safety and Health
Cincinnati, Ohio 45226

November, 1985

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402

I

BEST COPY AVAILABLE

Prepared for
the National Institute for Occupational
Safety and Health

under

Contract Number 200-84-2768

by

Advanced Engineering & Planning Corp., Inc.
Rockville, Maryland 20852

DHHS (NIOSH) Publication No. 86-103

BEST COPY AVAILABLE

FOREWORD

This is the thirteenth edition of the "Registry of Toxic Effects of Chemical Substances," published by the National Institute for Occupational Safety and Health.

RTECS is intended to provide basic information on the known toxic and biological effects of chemical substances to employers, employees, physicians, industrial hygienists, toxicologists, researchers, and anyone else with the need to know in order to assure proper and safe handling of chemicals.

The complete file of RTECS was published in book form in the 1981-82 edition; this edition (1983-84) is a supplement to the complete file. All RTECS entries are in one of these two editions and, therefore, readers can disregard the earlier supplement dated 1983. Together, the two editions (1981-82 and 1983-84 Supplement) fulfill the mandate of the Occupational Safety and Health Act of 1970, to NIOSH to annually publish a list of known toxic substances.

We hope this information will contribute to a better understanding of potential occupational hazards and hence prevention of work-related diseases and injuries.

J. Donald Millar, M.D., D.T.P.H. (Lond.)
Assistant Surgeon General
Director, National Institute for
Occupational Safety and Health
Centers for Disease Control

BEST COPY AVAILABLE

This publication is a 2-volume, 1983-84 Supplement to the 1981-82 Edition of the NIOSH Registry of Toxic Effects of Chemical Substances (RTECS). This edition is the thirteenth edition prepared in compliance with the requirements of Section 20(a)(6) of the Occupational Safety and Health Act of 1970 (Public Law 91-596). The original list was completed on June 28, 1971, and until the 1981-82 Edition, had been updated annually in book format. The 1981-82 Edition added two years' accumulation of data and was expanded to three volumes. Because of the rapid growth of the RTECS file, the 1983 edition was prepared as a two-volume supplement to the 1981-82 Edition. This current edition is a cumulative supplement containing all data from the 1983 Supplement and that which was added during calendar year 1984. This edition, therefore, contains all new substances entered into the file and all substances for which changes in the data have been made between January 1983 and January 1985. It also includes all substances for which regulatory or concensus group information is cited (e.g., OSHA standards, DOT regulations, ACGIH-TLVs). Therefore, this supplement should be used together with the 1981-82 Edition if the complete file is needed.

All readers are strongly encouraged to review the Introduction and the Detailed File Description in this volume before using the Registry. This material contains a complete description of the types of data contained in the RTECS file, including an explanation of the applicability and limitations of the data. The reader should note that the Registry is a compendium of toxicity data extracted from the scientific literature. Because the Registry does not evaluate the data, inclusion herein does not mean endorsement of the cited literature. Evaluation of the references included in the Registry is the responsibility of the reader.

The 1983-84 Registry Supplememt is printed in the same format as the 1983 Supplement: all substance prime names and synonyms are listed in alphabetical order, and each synonym is cross-referenced to its appropriate prime name accession number. A complete Chemical Abstracts Service (CAS) Number - RTECS Accession Number Index in numerical order by CAS Number is included in Volume I. This index allows the reader to look up RTECS data for a substance when only its CAS Number is known. CAS Numbers of substances contained in this edition are marked with an asterisk (*).

This Supplement to the Registry contains 26,341 prime chemical substances with their associated toxicity data. For these entries, 113,211 synonyms are included as cross-references. All prime name listings are either new entries to the file or contain changes in the data from the 1981-82 Edition. All substances with associated regulatory data are included and comprise the only duplications of data from the 1981-82 Registry. Statistics about selected data fields in the published Registry (1981-92 Edition, 1983 Supplement, 1983-84 Supplement) follow:

Data Type	Number of Compounds			Number of Citations		
(Data Lines)	1981-82	1983	1983-84	1981-82	1983	1983-84
Tumorigenesis	3,260	2,860	2,943	6,259	6,735	7,196
Mutagenesis	5,152	3,587	4,202	14,618	14,566	17,207
Reproductive Effects	2,145	2,390	3,441	7,717	13,275	12,864
Primary Irritation	2,943	1,722	2,001	4,384	2,773	3,202
Human Toxic Effects	-----	-----	-----	1,533	1,785	2,081
Chemical Abstracts Service Registry Numbers	41,042	13,006	16,557			
Federal Standards	2,583	3,171	3,435			
Recommended Standards from NIOSH Criteria Documents*	1,131	1,109	952			

*As of the date of this file, NIOSH has published 109 Criteria Documents, but some documents cover classes of compounds, such as inorganic lead, many members of which are found in the Registry.

BEST COPY AVAILABLE

The 1981-82 Edition of the Registry is available only from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161, Telephone: (703) 487-4650.

The NIOSH Criteria Document section has been altered to conform with "NIOSH Recommendations for Occupational Health Standards", as published in the January 31, 1985 issue of the Centers for Disease Control Morbidity and Mortality Weekly Report. See Appendix I for the full text.

The 1984 RTECS computer tape is now available from NTIS. See Appendix IV for ordering information.

Through an agreement with the National Library of Medicine (NLM), Bethesda, Maryland, the complete Registry file is now available to all subscribers to NLM on-line services. This system permits real-time searching and assembly of RTECS subfiles tailored to the particular needs of the user. For additional information on this service, see Appendix V.

The RTECS file has also been integrated into the Chemical Information System (CIS), which is a linked collection of computerized data bases of chemical and toxicological information. The CIS is available commercially from Fein Marquart and Company. For additional information, see Appendix VII.

The Editors

BEST COPY AVAILABLE

EDITORIAL REVIEW BOARD

The RTECS Editorial Review Board was established to serve as a source of advice and technical review for the RTECS data file. The Board consists of representatives from various NIOSH divisions and from other agencies that have a direct interest in the RTECS program. The Board meets periodically to resolve questions of policy and to review current and projected RTECS operations.

The Board members are:

Richard A. Lemen	Director, Division of Standards Development and Technology Transfer
Kathryn R. Mahaffey	Division of Standards Development and Technology Transfer
Richard J. Lewis, Sr.	Chairman Division of Standards Development and Technology Transfer
Doris V. Sweet	Executive Secretary Division of Standards Development and Technology Transfer
Peter M. Eller, Ph.D.	Analytical Chemistry Division of Physical Sciences and Engineering
David H. Groth, M.D.	Pathology Division of Standards Development and Technology Transfer
Daniel M. Lewis, Ph.D.	Immunmology Division of Respirable Disease Studies
Trent R. Lewis, Ph.D.	Toxicology Division of Biomedical and Behavioral Sciences
Robert W. Mason, Ph.D.	Biology Division of Biomedical and Behavioral Sciences
David P. Sundin	Hazard Surveillance Division of Surveillance, Hazard Evaluation, and Field Studies
Rodger L. Tatken	Information Retrieval Division of Standards Development and Technology Transfer
Thomas N. Tower	Technical Data Center Occupational Safety and Health Administration
Vera W. Hudson	Office of Hazardous Substances Information National Library of Medicine
Jeanne C. Goshorn	Manager, TOXLINE Activities National Library of Medicine
Elizabeth Von Halle	EMIC/ETIC Oak Ridge National Laboratory

BEST COPY AVAILABLE

ACKNOWLEDGMENTS

NIOSH wishes to thank Jenny Chin-fong Fang, Program Manager for AEPCO, Inc., and her staff--Fabio D'Angelo, Dianna T. Flake, Ann S. Gravatt, Nancy Hendler, Gloria Heuckeroth, Kathy Arnette Keith, Teresa Mei-yun Liu, Joel Nicolas, Rodrigue Moise, Jess P. Rimon, David T. Shiang, and Karen Lynne Young--for their excellent efforts in performing their contract responsibilities for the Registry.

During 1984, we were pleased to receive contributions, suggestions for improvement, and corrections in the content of entries in the Registry from the persons listed below. User participation is potentially far more valuable than staff effort in the collection and evaluation of data in this field. Therefore, in order to improve subsequent editions both in quality and comprehensiveness, participation by all users is strongly encouraged.

Bengt Akerman
Astra Lakemadel AB
Sodertalje, Sweden

Charles J. Alden
NTP
Research Triangle Park, North Carolina

Herman A. Birnbaum
Calgon Corporation
Pittsburgh, Pennsylvania

B. Buckner
Rhone-Paulenc Chemical Co.
New Brunswick, New Jersey

L. Caillard
Rhone-poulenc SA
Paris, France

C. P. Carpenter
Biotecs Lab of Mellon Institute
Pittsburgh, Pennsylvania

M. Chvedoff
Laboratoire Pfizer
Amboese, France

Gerald L. Cooper
Stauffer Chemical Company
Westport, Connecticut

Lloyd J. Croesus
Whitmoyer Laboratories
Meyerstown, Pennsylvania

George E. Cushmac
US Dept. of Transporation
Washington, D.C.

Goren Dave
University of Goteborg
Goteborg, Sweden

M. Dukes
Mereside Alderley Park
Macclesfield, Cheshire, England

William J. Dunn
University of Illinois
Chicago, Illinois

W. Mills Dyer Jr., M.D.
Tennessee Eastman
Kingsport, Tennessee

J. M. Elks
Imperial Chemical Industries
Alderley Park, England

Curtis Elmer
Montsanto Corporation
St. Louis, Missouri

Sue Feinman
US Consumer Prod. Sfty. Comm.
Washington, D.C.

Anthony Forti
State of NY. Dept. of Health
Albany, New York

H. Fraenkel-Conrat
University of California
Berkeley, California

Maurice Georgevich
NIOSH/DSDTT
Cincinnati, Ohio

Dr. Eric Goldschmidt
Warner Lambert Company
Morris Plains, New Jersey

Arthur Gregory
US Consumer Prod. Sfty. Comm.
Washington, D.C.

Jerry Hagen
Occupational Health Services
Nashville, Tennessee

D. Hermann
Interox Chemicals
Botany, NSW, Australia

C. Hodel
Societe Europ. Toxicologie
Sandoz, Ltd.
Basle, Switzerland

Haruyashi Igarashi
Tohaku Dent. University
Fukushima, Japan

R. V. Johnson
Dow Chemical, U.S.A.
Freeport, Texas

F. E. Jordan
NRP
Research Triangle Park, NC

A. Kellen
Modern Medicine of Canada
Don Mills, Ontario

Ron Kirsch
Occupational Health Services
Nashville, Tennessee

BEST COPY AVAILABLE

C. Klotsche
Sandoz, LTD.
Basle, Switzerland

M. G. Koehler
Aldrich Chemical Company
Milwaukee, Wisconsin

K. Kucherenko
IRPTC/UNEP
Geneva, Switzerland

H. B. Lackey
Crown Zellerbach Corporation
Vancouver, Washington

Steven H. Lamb
Consultant in Epid. & Occup. Health
Washington, D.C.

Tom Lander
Health Designs
Rochester, New York

Marigrace R. Lewis
Royalview Court
Cincinnati, Ohio

Ted Malinkowski
TSCA
Washington, D.C.

John Middleton
U. S. Borax Research
Anaheim, California

Leela Murthy, Ph.D.
NIOSH/DSHEFS
Cincinnati, Ohio

H. P. Nieboj
Regina, Saskatchewan
Canada

Roger Reinhold
Allied Corporation
Morristown, New Jersey

R. T. Robertson
Merck, Sharp & Dohme Res. Lab.
West Point, Pennsylvania

Thomas A. Robinson
Vulcan Chemicals
Birmingham, Alabama

T. A. Ryan
Imperial Chemical Industries
Runcorn, Cheshire, England

K. Sakano
Hokko Chemical Industries, Ltd.
Tokyo, Japan

C. Satkunanthan
Colombo
Sri Lanka

H. W. Smith
Goodyear Tire & Rubber Company
Akron, Ohio

S. A. Solveig-Valles
Natl. Bd. Occup. Sfty. & Hlth.
Stockholm, Sweden

Donald R. Strobach
E.I. DuPont deNemours
Wilmington, Delaware

Sheila R. Sweet
John Harlan Company
Portland, Oregon

Masahiro Takehara
Azinomoto Company
Kawasaki, Japan

V. Takenaka
Nat'l Inst. of Hygienic Sci.
Tokyo, Japan

Pat Thomson
ORTIC
Corvallis, Oregon

John Tyler
The Paramatta Hospital
Westmead, NSW, Australia

Antoniaolou Vyzas
University of Athens
Athens, Greece

Hengwen Wang
Shanghai Inst. of Cell Biology
Shanghai, Peoples' Rep. China

Carol W. Weil
Carnegie-Mellon University
Pittsburgh, Pennsylvania

Peter Welladt
Pforzheim
West Germany

Zeng, Shuzhi
Beiking Haidien
Beiking, Peoples' Rep. China

BEST COPY AVAILABLE

CONTENTS

VOLUME I

INTRODUCTION	xi
Background	xi
RTECS Data Selection	xi
RTECS Data Evaluation and Risk Assessment	xii
Mutation, Reproductive Effects, and Tumorigenic Data	xii
Workplace Recommendations and Standards	xiii
Health Hazard Evaluations	xiii
Conclusion	xiv
DETAILED FILE DESCRIPTION	xiv
Selection	xiv
Format	xiv
1. Substance Prime Name	xiv
2. Update	xxi
3. Chemical Abstracts Service Registry Number	xxi
4. Molecular Weight	xxi
5. Molecular Formula	xxi
6. Synonyms	xxi
7. Skin and Eye Irritation Data	xxi
8. Mutation Data	xxiii
9. Reproductive Effects Data	xxiv
10. Tumorigenic Data	xxvi
11. Toxicity Data	xxvii
12. Cited Reference	xxix
13. Reviews	xxix
14. Standards and Regulations	xxx
15. Recommendations for Occupational Health Standards	xxxi
16. Status	xxxi
CAS NUMBER - RTECS ACCESSION NUMBER INDEX	1
REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES 1983-84 SUPPLEMENT	169
Substance Names beginning with A through G	
Accession Numbers AA0080090 through MG1035000	

BEST COPY AVAILABLE

FIGURES

1. An Example of a Typical Substance Entry in the Registry of Toxic Effects of Chemical Substances xv
2. A Typical Primary Irritation Data Line from the Registry of Toxic Effects of Chemical Substances xv
3. A Typical Mutation Data Line from the Registry of Toxic Effects of Chemical Substances xvi
4. A Typical Reproductive Effects Data Line from the Registry of Toxic Effects of Chemical Substances xvii
5. A Typical Tumorigenic or Toxic Dose Line from the Registrty of Toxic Effects of Chemical Substances xviii
6. A Typical Toxicity Data Line from the Registry of Toxic Effects of Chemical Substances xix

TABLES

I. Routes of Administration to, or Exposure of, Animal Species to Toxic Substances xx
II. Species xxiv
III. Toxic Effects Code xxiv
IV. Reproductive Effects Code xxv
xxxvi
xliv

BEST COPY AVAILABLE

BACKGROUND

This edition of the Registry of Toxic Effects of Chemical Substances is the thirteenth edition prepared in compliance with the requirements of the Occupational Safety and Health Act of 1970 (Public Law 591-596). The original list was completed on June 28, 1971, and has been updated annually in book format until the 1981-82 Edition. This edition contained a two year accumulation of new data and was published in June 1983. That edition was expanded to three volumes. The 1983 edition was a supplement to the 1982-82 Edition and contained all new and altered data entered into the file during 1983. In addition, all substances in the file for which regulatory information was entered were included in the 1983 edition. This 1983-84 Edition is a cumulative supplement to the 1981-82 Edition and contains all new and altered data entered into the file during 1983 and 1984. It is an expansion of the 1983 Supplement to include 1984 data; it is still supplementary to the 1981-82 Edition.

In offering this edition of the Registry, the editors intend to identify "all known toxic substances" which may exist in the environment and to provide pertinent data on the toxic effects from known doses entering an organism by any route described. The data have been assembled in accordance with the definitions and criteria presented below.

In offering this edition, the editors recognize its limitations in achieving the goal that they have set for it. It does not include all chemicals for which toxic effects have been determined, and will not for some time. This cannot be achieved without the full cooperation of the scientific community. Cooperation in the form of personal communications will become increasingly imperative as the Registry becomes more nearly complete.

The Registry's purposes are many, and it serves a variety of users. It is a single source document for basic toxicity information and for other data, such as chemical identifiers and information necessary for the preparation of safety directives and hazard evaluations for chemical substances. The various types of toxic effects linked to literature citations provide researchers and occupational health scientists with an introduction to the toxicological literature, making their own review of the toxic hazards of a given substance easier. By presenting data on the lowest reported doses that produce effects by several routes of entry in various species, the Registry furnishes valuable information to those responsible for preparing safety data sheets for chemical substances in the workplace. Chemical and production engineers can use the Registry to identify the hazards which may be associated with chemical intermediates in the development of final products, and thus can more readily select substitutes or alternate processes which may be less hazardous. Some organizations, including health agencies and chemical companies, have included the NIOSH Registry Accession Numbers with the listing of chemicals in their files to reference toxicity information associated with those chemicals. By including foreign language chemical names, a start has been made toward providing rapid identification of substances produced in other countries.

It must be reemphasized that the entry of a substance in the Registry does not automatically mean that it must be avoided. A listing does mean, however, that the substance has the documented potential of being harmful if misused, and care must be exercised to prevent tragic consequences. Thus, the Registry lists many substances that are common in everyday life and are in nearly every household in the United States. One can name a variety of such dangerous substances: prescription and non-prescription drugs; food additives; pesticide concentrates, sprays, and dusts; fungicides; herbicides; paints; glazes; dyes; bleaches and other household cleaning agents; alkalies; and various solvents and diluents. The list is extensive because chemicals have become an integral part of our existence.

Drugs, or therapeutic chemicals, have been deliberately included in the Registry if they have been reported to produce a noxious effect. It is reasonable to expect to find such substances listed because they have been developed for their biologic effects. Some drugs achieve the desired effect when administered in a therapeutic quantity by supporting human physiologic activity; others may be beneficial to humans because they are toxic to human parasites. In any case, a quantity greater than the prescribed therapeutic dose may cause undesired toxic effects in humans. For some individuals, the normal therapeutic dose of a drug may produce toxic as well as therapeutic effects. Because drugs may be dangerous, our society has licensed certain practitioners, including physicians, dentists, and pharmacists, to handle the more potent substances intended for human therapeutic use. Similarly, other people are licensed, based on special training, for the handling of pesticides in a safe manner. It is wise to accept the direction of these experts in order to avoid undesirable consequences from misusing chemicals.

Other toxic substances in the environment have appeared there as a result of natural environmental reactions of waste products from our technology, as distinct from the waste products themselves, or from naturally occurring substances. The products of these reactions may be found in the air we breathe and the water we drink. Even though these substances may be present in the environment in concentrations that are non-hazardous by themselves, their toxic potential must not be ignored, especially when additional exposure in the occupational or home environment may occur.

In general, toxic substances that appear in the home and community have been collected, processed, synthesized, packaged, and distributed by someone within the workplace. Some substances may be unwelcome cohabitants of the work environment. The safety and health of individuals in the workplace are the principal concerns of the Occupational Safety and Health Act of 1970. The Act addresses the problem of worker exposure to all toxic substances present in the workplace--not only those in the finished commercial product or in the intermediates used in its production, but also those which occur as waste products resulting from industrial processing.

RTECS DATA SELECTION

The toxicity information appearing in the Registry is derived from reports of the toxic effects produced by individual substances. The absence of a substance from the Registry does not imply that the substance is non-toxic, and thus non-hazardous, any more than the presence of a substance in the Registry indicates that the substance is hazardous in common use. A substance may not appear for a variety of reasons, e.g., (1) the test results could not be

BEST COPY AVAILABLE

cited because the protocol of the study did not meet the RTECS selection criteria, (2) the substance has not yet been tested, or (3) the substance has been tested but the RTECS literature search has not yet uncovered the data.

The Registry includes substances which have been selected primarily for the toxic effect produced by single doses, some lethal and some non-lethal. However, the principal toxic effect of some substances results from exposure over a longer period of time, i.e., from the accumulation of a substance or its metabolites, or from the summation of continuing non-lethal, noxious insults which may eventually disable basic bodily functions. Although these substances are of concern, they may not be found in this edition due to our present selection criteria. However, when the toxic effect has been described by the author as tumorigenic, mutagenic, or reproductive, even though the effect was produced by repeated exposure, the toxic dose data are reported.

For human data, a toxic effect is defined as any reversible or irreversible effect on the body that has been reported to have resulted from exposure to a substance via any route. These effects include irritation, mutation, reproductive effects, tumorigenesis, effects on any organ or functional system, or death. For human data, therefore, a toxic effect is any effect that was reported in the source reference. There is no qualifying limitation on the duration of exposure or for the quantity or concentration of the substance, nor is there a qualifying limitation on the circumstances that resulted in the exposure. Regardless of the absurdity of the circumstances that were involved in a toxic exposure, it is assumed that the same circumstances could recur. For animal data, toxic effects are limited to irritation, mutation (measured both in vivo and in vitro), reproductive effects, tumorigenesis, or death. When reports of animal death also include information about toxic effects seen prior to death, hese effects are also noted. There is no limitation on either the duration of exposure or on the quantity or concentration of the dose of the substance reported to have caused these effects.

The report of the lowest total dose administered over the shortest time to produce the toxic effects was given preference, although some editorial license was taken so that additional references might be cited for the reader's consideration. No restrictions were placed on the amount of a substance producing death in an experimental animal nor on the time period over which the dose was given. By law, however, a toxic effect must be produced for the dose cited in the Registry. Therefore, reports suggesting that a toxic or lethal effect may exist at doses greater than those tried cannot be used.

RTECS DATA EVALUATION AND RISK ASSESSMENT

Toxicity data reported in the literature are transformed into Registry format using the criteria presented in this Introduction and the Detailed File Description. In most cases, no attempt is made to resolve any questions about published data. We rely on editing provided by the scientific community prior to publication in the scientific literature. One of the responsibilities of the RTECS Editorial Review Board, however, is to review a limited number of citations to resolve any ambiguities. Citations may be suggested for Board consideration by the data abstractors, the editors, or the Registry readership. The Board will review citations for resolution of ambiguities, but will not judge the relative merits of several publications which present contradictory data on the same substance. The Registry strives to accurately reflect the literature as it exists, leaving to others the problem of grappling with contradictory data.

It is not the purpose of the Registry to quantitate a hazard through the use of the toxic concentration or dose data that are presented with each substance. UNDER NO CIRCUMSTANCE CAN THE TOXIC DOSE VALUES PRESENTED WITH THESE CHEMICAL SUBSTANCES BE CONSIDERED DEFINITIVE VALUES FOR DESCRIBING SAFE VERSUS TOXIC DOSES FOR HUMAN EXPOSURE. Concentrations of chemical substances in the work environment which may be safely tolerated can be determined only by a critical evaluation of all available pertinent data by experienced investigators, data that include but are not limited to that listed in this Registry.

A critical evaluation of the hazard of a chemical in the workplace or environment involves much more than a determination of its toxic potency, no matter how complex that determination may be. A hazard evaluation must include such a determination, of course, but toxic potency and degree of hazard are not synonymous. Identifying and defining the hazard of a chemical must also include, among other factors, the evaluation of the amount and duration of exposure, the physical characteristics of the substance, the physical conditions under which exposure occurs, and the evaluation of interactions with other substances that may be present. All of these factors may significantly alter the toxic potency of a substance which, in turn, may alter the health of the person exposed.

MUTATION, REPRODUCTIVE EFFECTS, AND TUMORIGENIC DATA

Since October 1978, the Registry has included citations to positive in vitro mutation data. This mutation data line was developed in response to the recent rapid development of in vitro mutagenicity tests and their use in evaluating chemical toxicity. Perhaps the most well-known of these is the Ames test, developed by Dr. Bruce N. Ames and his co-workers at the University of California (Proc. Natl. Acad. Sci., 70:782-786, 1973). In vitro tests utilize primarily bacterial species and mammalian cell lines. They are comparatively simple and less expensive to perform than the multigeneration mammalian and insect (primarily drosophila) studies previously used in mutation research. However, in vitro studies still provide a method for measuring the effect of a substance on the genetic material of the tested species. According to the National Toxicology Program (NTP) Fiscal Year 1980 Annual Report (page 23), "Mutagenicity assays identify structural or functional DNA perturbations in germinal or somatic cells. Effects in germ cells are important for predicting potential undesirable effects on fertility, the developing conceptus, or in generations subsequent to that which received chemical exposure. Somatic mutation may be predictive for physiologic alterations in the exposed person and for the potential induction of cancer."

The relative ease with which in vitro mutagenicity tests can be conducted is contributing to their use as screening tests for large numbers of substances. Those compounds with positive results

BEST COPY AVAILABLE

may then become candidates for more thorough acute and chronic in vivo testing. A recently published report of the National Academy of Science's (NAS) National Research Council concludes that these in vitro mutation tests can be considered "sufficiently reliable for most regulatory and manufacturing decisions.... It is neither necessary nor feasible to use mammals for initial screening..." although such in vivo tests should be reserved "for the relatively few cases where the results of simpler tests are ambiguous or the chemical in question is widely used." The NAS report, "Identifying and Estimating the Genetic Impact of Chemical Mutagens," can be ordered from NAS, 2101 Constitution Avenue, N.W., Washington, D.C. 20418.

Furthermore, as indicated in the above NTP statement, it is argued that somatic cell mutation may be indicative of potential carcinogenesis. Although there is a positive correlation between substances that yield positive in vitro mutagenesis results and those that are carcinogenic in whole animals and man, there still remains some disagreement as to the significance of in vitro data. Despite this disagreement, the literature contains a significant amount of in vitro data, and more continues to be published. Therefore, in an attempt to serve as a single reference source for various types of toxicity data, the Registry now includes insect, bacterial, and mammalian cell mutagenesis data, as well as the in vivo data. However, the Registry makes no attempt to evaluate the significance of these data as a predictor of either mutagenic or carcinogenic risk to humans. For additional information, the reader may wish to consult the NTP annual reports and technical bulletins. These are available from NTP, P.O. Box 12233, Research Triangle Park, North Carolina 27709.

Also included in this issue of the Registry are citations to reproductive effects data. Until January 1981, the RTECS file included reports of teratogenic effects only, which were defined as measurable nontransmissible changes produced in the offspring. The changes for which teratogenic citations were included were primarily developmental abnormalities, for example, cleft palate. However, because of the growing concern over potential reproductive hazards in the workplace, the Registry has reformatted and expanded the teratogen criteria to include citations to reports of all types of reproductive effects. These include effects on the parents (such as changes in fertility), as well as those on the developing conceptus and the offspring.

The reader is cautioned that the reproductive effects data cited in the Registry must not be treated indiscriminately and must be carefully evaluated before being used. As is the case for other RTECS toxicity data, the Registry simply serves as a pointer to the literature; the original reference should always be consulted. It should be recognized that reproductive systems of individual species and their responses to chemical exposures vary. The time when exposure occurs may significantly affect the outcome of a study because there are certain critical periods during a species' reproductive cycle. While there is some correlation between reproductive effects in humans and those in experimental animals, according to a January 1981 report prepared for the Council on Environmental Quality (CEQ) ("Chemical Hazards to Human Reproduction," available from CEQ, 722 Jackson Place, N.W., Washington, D.C. 20006), "...it will be difficult to determine in advance which species should be regarded as appropriate for predicting likely effects in humans....The present state of scientific knowledge of chemical hazards to reproduction is somewhat similar to that of chemical carcinogens in the late 1960s. The reader may wish to review the entire CEQ report for a discussion of issues pertinent to human reproductive hazards. The Registry makes no attempt to extrapolate the reproductive data cited in the file or to evaluate the significance of a substance as a potential reproductive risk to humans.

Reports of positive or equivocal tumorigenic effects are included in the Registry as described in paragraph 10 of the Detailed File Description. Other tumorigenic data may be found on the International Agency for Research on Cancer (IARC) review lines (see paragraph 14a of the Detailed File Description) and the NTP carcinogenesis bioassay status lines (see paragraph 17a).

It is important to note the significant difference between classifying toxicity reports and evaluating the potential of a chemical to produce tumorigenic, mutagenic, or reproductive effects in humans. In classifying reports, the editors of RTECS apply the technical criteria specified in the Detailed File Description to each report to allow extraction of data on a consistent basis. The evaluation of a substance's toxic potential is much more difficult and requires the collection, review, and analysis of all germane studies. The evidence must be correlated and judged by such parameters as appropriateness of the study to the decision process, relationship of the study design (e.g., animal model, route, and dose levels) to prediction of human response, the balance of positive and negative studies, purity of the substance tested, etc. The Registry makes no attempt to perform such a comprehensive evaluation nor does it classify substances as mutagens, teratogens, or tumorigens.

WORKPLACE RECOMMENDATIONS AND STANDARDS

The NIOSH Recommendations for Occupational Health Standards presents a summary of information previously published in Criteria Documents, Special Hazard Reviews, Occupational Hazard Assessments, Current Intelligence Bulletins, and Technical Guidelines. The table of Recommendations contained in this edition of RTECS was published in the Centers for Disease Control Morbidity and Mortality Weekly Report, January 31, 1985. It included the most recent NIOSH Recommended Exposure Limits (REL), and the OSHA Permissible Exposure Limits (PEL) for the included substances. Significant health effects and pertinent comments are also included. The full text of the Recommendations appear in Appendix I.

The permissible exposure levels of hazardous substances which have been adopted by OSHA to provide a safe, healthful work environment for all persons are cited in this Registry under the appropriate compound. These standards may be formulated by the Department of Labor on its own initiative, in response to recommendations of the NIOSH criteria documentation program. Approximately 500 such standards have been promulgated in Part 1910, as amended, of Title 29 of the Code of Federal Regulations (29 CFR 1910). They may also be found in the Federal Register, Volume 39, Number 125, June 27, 1974, and Volume 43, Number 237, December 8, 1978.

HEALTH HAZARD EVALUATIONS

Section 20(a)(6) of the Occupational Safety and Health Act of 1970 directs that the Secretary of

BEST COPY AVAILABLE

Health, Education, and Welfare "...shall determine following a written request by any employer or authorized representative of employees...whether any substance normally found in the place of employment has potentially toxic effects in such concentrations as used or found...." NIOSH responds to this legislative mandate by means of a Health Hazard Evaluation, as specified in 42 CFR 85, first published in the Federal Register, Volume 37, Number 215, pages 23639 through 23642, November 7, 197 . A Health Hazard Evaluation request will secure the assistance of NIOSH in determining the safety of a substance used in a specific occupational environment.

CONCLUSION

The editors request and will appreciate assistance from representatives of the industrial, academic, and governmental communities in supplying data for this Registry. Such assistance may be offered in the form of reprints of scientific publications, technical data sheets, sales or promotional material, other publicly available reference material, and data presented on unpublished studies. All material received will be considered in the public domain and as such may be made available to any persons or organizations. Data cited and published in the Registry will be selected according to the criteria presented herein. Identification of errors in the file is also solicited, as are any general comments or recommendations. Those who have contributed to this year's publication are listed in the Acknowledgments. All correspondence should be addressed to:

The Editors
Registry of Toxic Effects of Chemical Substances
National Institute for Occupational
Safety and Health
4676 Columbia Parkway
Cincinnati, Ohio 45226
Telephone: (513) 533-8317
FTS 684-8317

DETAILED FILE DESCRIPTION

SELECTION

1. Substances Included--For the purpose of this publication, the phrase "all known toxic substances" is interpreted by the editors to mean all mined, manufactured, processed, synthesized, and naturally occurring inorganic and organic compounds. The list of substances includes drugs, food additives, preservatives, ores, pesticides, dyes, detergents, lubricants, soaps, plastics, extracts from plants, microorganisms, and animals, plants and animals which are toxic by contact or consumption, pyrolysis products, and industrial intermediates and waste products from production processes. Some of the information in the file thus refers to materials whose composition is not precisely known. The chemical substances included in this list are assumed to exhibit the reported toxic effect in their pure state unless otherwise noted. However, even in the case of a supposedly "pure" substance, there is usually some degree of uncertainty as to its exact composition and the impurities which may be present. This possibility must be considered in attempting to interpret the data presented since the toxic effects observed could in some cases be caused by a contaminant.

2. Substances Excluded--Excluded from the Registry are trade name products representing compounded or formulated proprietary mixtures available as commercial products. These exclusions are necessary because of difficulties in assessing the contribution of each component of a mixture to that substance's toxicity and because a product's formulation is often changed by varying the components, their concentration, or the purity of the ingredients. Commercial product trade names are included, however, when they represent a single active chemical entity or a well-defined mixture of relatively constant composition. Radioactive substances are included but the effect reported is the chemically produced effect rather than the radiation effect.

FORMAT

This edition of the Registry lists all substance prime name and synonyms in the file in alphabetical order, ignoring special characters such as numerals, Greek letters, and prefixes indicating substituent locations, and stereochemical or other structural features. These components are taken into account for secondary ordering in ascending alphabetical and numerical order.

Each substance prime name and synonym is identified by a unique nine-position RTECS accession number (two letters and seven numerals) which varies directly with the alphabetic sequence of the name, so that toluene, for example, has a higher number than benzene. Each synonym is cross-referenced to its appropriate prime name accession number. The accession number is simply an identifier assigned alphabetically to each substance in the Registry. It is not intentionally related to the compound's toxicity or structure, although compounds with alphabetically similar names and, in some cases therefore, similar structures are grouped together. CAS numbers are also treated as synonyms, so that each CAS number is cross-referenced to the applicable RTECS accession number. The entire CAS number-RTECS number index, in numerical order by CAS number, appears in this volume.

For each prime name accession number the following data are provided when available: the substance prime name and synonyms; a description of the substance (where necessary); year and month when the RTECS data record was last updated; CAS number; molecular formula; molecular weight; primary irritation, mutation, reproductive, tumorigenic, and toxic dose data; and toxicological reviews, IARC monograph reviews, ACGIH Threshold Limit Values, toxicological reviews, existing Federal standards, the NIOSH criteria document and current intelligence programs, the NIOSH Manual of Analytical Methods, the National Toxicology Program's Carcinogenesis Testing Program, the EPA TSCA Inventory, and Genetic Toxicology, Section 8(a) and 8(e) status report. Each data line and citation is referenced by CODEN to the source from which the information was abstracted. A complete list of CODEN abbreviations and their respective titles are found at the end of Volume II. A complete list of standard abbreviations is located on the inside back cover of this volume. Sample data records, for the fictitious substance "RTECSIUM," are shown in Figures 1 through 5. Each field in the RTECS data record is discussed in detail below.

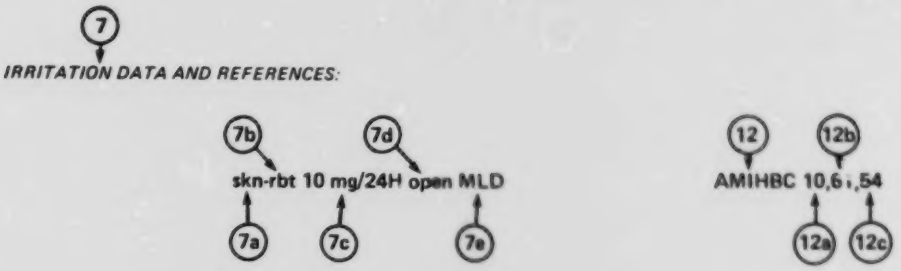
1. Substance Prime Name. The prime name of each substance in the Registry is derived from the nomenclature used by the American Chemical Society's

BEST COPY AVAILABLE

A. RTECS Accession Number, a sequence number assigned to each substance in the Registry.
1. Substance Prime Name.
2. Date when substance entry was last revised.
3. Chemical Abstracts Service Registry Number.
4. Molecular Weight of this substance.
5. Molecular or Elemental Formula of this substance.
6. Synonyms, common names, trade names, and other chemical names for this substance.
7. Skin and Eye Irritation Data.
8. Mutation Data.
9. Reproductive Effects Data.
10. Tumorigenic Data.
11. Toxicity Data.
12. CODEN, an acronym for the references from which the data and other citations were extracted.
13. Reviews of this substance.
14. Standards and Regulations for this substance promulgated by a Federal agency.
15. A Criteria Document supporting a recommended standard has been published by NIOSH.
16. NTP, NIOSH, and EPA Status information about this substance.

FIGURE 1. AN EXAMPLE OF A TYPICAL SUBSTANCE ENTRY IN THE 1983 SUPPLEMENT REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

BEST COPY AVAILABLE



7. Header line for primary irritation data in the Registry. See paragraph 7 in text.

7a. This is an abbreviation for the tissue upon which the irritation test was conducted, either skin (skn) or eyes (eye).

7b. This is an abbreviation for the test species. See Table II for species listed in the Registry.

7c. This is the amount of substance used in the test for which results are reported, and may contain information about duration of exposure if different from the standard time of 72 hours.

7d. This is a descriptor to indicate differences in the test conditions from the standard protocol. Thus, "open" is used with skin irritation data to indicate a non-occluded Draize test. Other descriptors are "imm," "nse," and "rns."

7e. This is an abbreviation to indicate the severity of the irritation response as reported in the reference: mild (MLD), moderate (MOD), or severe (SEV).

12. This is the CODEN denoting the reference from which the irritation data line was derived. The complete citation for this CODEN is listed under RTECS Bibliographic References. See paragraph 12 in text.

12a. The volume number of the reference.

12b. The page number on which the reference starts.

12c. The last two digits of the year of publication, e.g., 54 = 1954.

FIGURE 2. A TYPICAL PRIMARY IRRITATION DATA LINE FROM THE REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

(This Figure is a further explanation of item 7 in Figure 1.)

BEST COPY AVAILABLE

8. Header line for in vivo and in vitro mutation data in the Registry. See paragraph 8 in text.

8a. This is an abbreviation for the mutation test system. See paragraph 8a in text.

8b. This is an abbreviation for the test species. For mammalian cell lines, both the parent species and cell type are listed. For host-mediated assays, both the host and indicator organisms are listed. For in vivo studies, the route of administration is also included. See paragraph 8b in text.

8c. This is the lowest exposure or dose reported to cause the mutagenic effect. See paragraph 8c in text.

12. This is the CODEN denoting the reference from which the mutation data line was derived. The complete citation for this CODEN is listed under RTECS Bibliographic References. See paragraph 12 in text.

12a. The volume number of the reference.

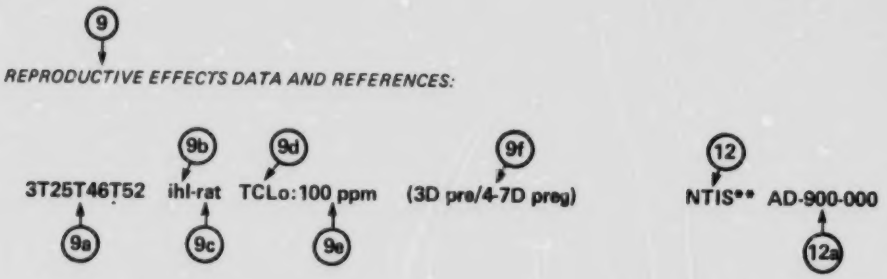
12b. The page number on which the reference starts.

12c. The last two digits of the year of publication, e.g., 75 = 1975.

FIGURE 3. A TYPICAL MUTATION DATA LINE FROM THE REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

(This Figure is a further explanation of item 8 in Figure 1.)

BEST COPY AVAILABLE



9. Header line for reproductive effects data in the Registry. See paragraph 9 in text.

9a. Toxic effects code that describes the specific reproductive effects reported at the administered dose. See paragraph 9a in text.

9b. This is an abbreviation for the route of administration or entry. See Table I for routes listed in the Registry.

9c. This is an abbreviation for the test species. See Table II for species listed in the Registry.

9d. This is the type of dose reported. See paragraph 9d in text.

9e. This is the total dose reported to cause the reproductive effect(s). See paragraph 9e in text.

9f. This is a descriptor indicating the time and duration of exposure. See paragraph 9f in text.

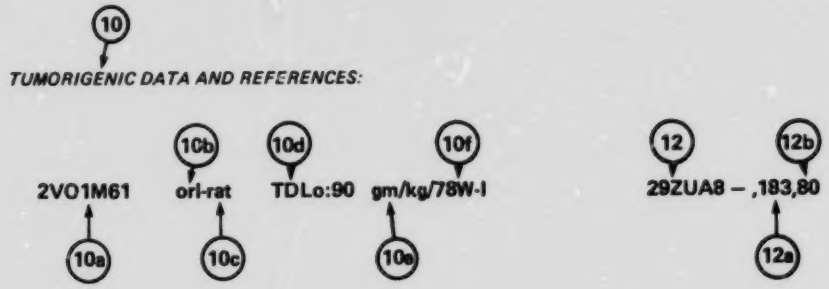
12. This is the CODEN denoting the reference from which the reproductive effects data line was extracted. The complete citation for this CODEN is listed under RTECS Bibliographic References. See paragraph 12 in text.

12a. The report number of the reference.

FIGURE 4. A TYPICAL REPRODUCTIVE EFFECTS DATA LINE FROM THE REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

(This Figure is a further explanation of item 9 in Figure 1.)

BEST COPY AVAILABLE



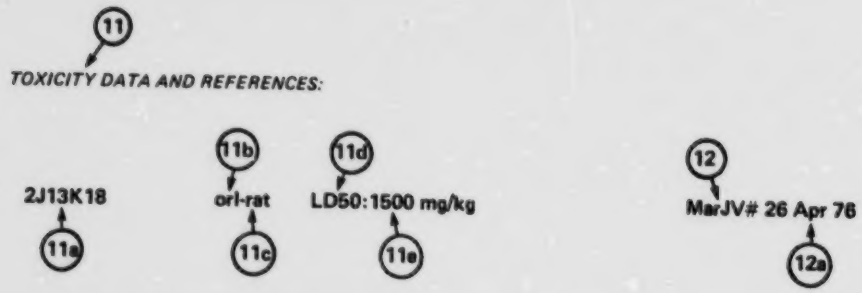
10. Header line for tumorigenic data in the Registry. See paragraph 10 in text.
10a. Toxic effects code that describes the specific tumorigenic effects reported at the administered dose.
10b. This is an abbreviation for the route of administration or entry. See Table I for routes listed in the Registry.
10c. This is an abbreviation for the test species. See Table II for species listed in the Registry.
10d. This is the type of dose reported.
10e. This is the total dose reported to cause the tumorigenic effect(s).
10f. This is a descriptor indicating the duration of exposure.

12. This is the CODEN denoting the reference from which the data line was extracted. The complete citation for this CODEN is listed under RTECS Bibliographic References. See paragraph 12 in text.
12a. The page number on which the reference starts.
12b. The last two digits of the year of publication, e.g., 80 = 1980.

FIGURE 5. A TYPICAL TUMORIGENIC DATA LINE FROM THE REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

(This Figure is a further explanation of item 10 in Figure 1.)

BEST COPY AVAILABLE



11. Header line for toxicity data in the Registry. See paragraph 11 in text.
11a. Toxic effects code that describes specific toxic effects reported for the route and species listed. See paragraph 11a in text.
11b. This is an abbreviation for the route of administration or entry. See Table I for routes listed in the Registry.
11c. This is an abbreviation for the test species. See Table II for species listed in the Registry.
11d. This is the type of dose reported. See paragraph 11d in text.
11e. This is the total dose reported to cause the lethal or toxic effect(s). See paragraphs 11e, 11f, and 11g in text.

12. This is the CODEN denoting the reference from which the data line was extracted. The complete citation for this CODEN is listed under RTECS Bibliographic References. See paragraph 12 in text.
12a. The date of the reference.

FIGURE 6. A TYPICAL TOXICITY DATA LINE FROM THE REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

(This Figure is a further explanation of item 11 in Figure 1.)

BEST COPY AVAILABLE

Chemical Abstracts Service (CAS) in the 8th Collective Index (8CI) of Chemical Abstracts. If the 8CI nomenclature is not found then the 9CI or the 10CI name will be used. The names are given in the inverted form. The names are modified by NIOSH for certain substances to provide convenience to the user in grouping substances of similar occupational pertinence, such as metallic salts. The complete RTECS data record for each substance follows that substance's prime name.

Some entries, however, appear under the chemical or descriptive names used in the reference from which the toxic data were obtained. This is particularly true for those substances for which some aspects of their composition are in question, such as plant or animal extracts. These prime names are accompanied by a brief description or definition ("DEF") listing the source of the substance, a general statement of constituents, or other pertinent information, and the CODEN citation of the reference that contained the definition.

2. Update. This field specifies when the substance's data record was last changed. The format is YYMM, e.g., 8105 = May 1981. All 33,929 substances in the file as of January 1979 were initialized with a date of 7901. When a new substance is first input to the file, the update field is assigned the month of entry. When the data record is subsequently revised, the date is changed to reflect the month the change is made. Note that any revision, for example, deletion of an invalid synonym, addition of new toxicity data, change in the NTP status, or correction of a molecular formula, will cause the substance's update field to change.

3. The Chemical Abstracts Service (CAS) Registry Number is a numeric designation assigned by the American Chemical Society's Chemical Abstracts Service and uniquely identifies a specific chemical compound. This entry allows one to conclusively identify a substance regardless of the name or naming system used. Note that the CAS number - RTECS accession number index, beginning on page 1 of this volume, permits the reader to look up the RTECS data record for a substance when only its CAS number is known.

4. Molecular Weight is calculated from the molecular formula using standard elemental molecular weights (carbon = 12.01).

5. Molecular Formula designates the elemental composition of the substance and is structured according to the Hill System (see Journal of the American Chemical Society, 22(8):478-494, 1900) in which carbon and hydrogen (if present) are listed first, followed by the other elemental symbols in alphabetical order. The formula for compounds that do not contain carbon are ordered strictly alphabetically by element symbol. Compounds such as salts or those containing waters of hydration have molecular formulas incorporating the CAS dot-disconnect convention, in which the components are listed individually and separated by a period. The individual components of the formula are generally given in order of decreasing carbon atom count, and the component ratios given. A lower case "x" indicates that the ratio is unknown. A lower case "n" indicates a repeating, polymer-like structure. The formula is obtained from one of the cited references or a chemical reference text, or derived from the name of the substance.

6. Synonyms for the substance prime name are listed alphabetically according to the rule described under "FORMAT. "Synonyms include other chemical names, trade names, common or generic names, foreign names (with the language in parentheses), or codes, and are separated by asterisks. Some synonyms consist in whole or in part of registered trademarks. These trademarks are not identified as such in the RTECS file because of limitations in the computer and photocomposition character sets used to produce the Registry. The editors are aware of the problem of trademarks becoming generic trade names through common usage. While the Registry does not presently have a mechanism for noting trademarks, the lack of the appropriate registered trademark symbol does not imply that the trademarks contained herein are considered generic synonyms by NIOSH. Those trade-named products that are known to be obsolete, either because production and marketing of the substance has ceased or because the compound is currently manufactured under another name, are indicated with the abbreviation "(OBS.)".

The reader is cautioned that some synonyms, particularly common names, may be ambiguous and refer to more than one substance. These substances may or may not be chemically similar. For example, some common names are applied in the literature to both a particular compound and various metallic salts of that compound. In addition, the Registry's list of synonyms is not exhaustive, and the file may not include an entry for every existing use of a particular common name. Therefore, when using a synonym to look up data in the Registry, care must be taken to ensure that the substance record retrieved is for the particular substance in question and not for one with an identical common name.

7. Skin and Eye Irritation Data (see Figure 2). All primary irritation data appear under the header line "SKIN AND EYE IRRITATION DATA AND REFERENCES." Below this heading, each irritation data line includes, in sequence, the tissue tested (skin or eye); the species of animal tested; the total dose and where applicable, the duration of exposure; for skin tests only, whether open or occlusive; an interpretation of the irritation response severity when noted by the author; and the reference from which the information was extracted. Only positive irritation test results are included in the Registry.

Substances that are applied topically to the skin or to the mucous membranes can elicit either (a) systemic effects of an acute or chronic nature or (b) local effects, more properly termed "primary irritation." A primary irritant is a substance that, if present in sufficient quantity for a sufficient period of time, will produce a non-allergic, inflammatory reaction of the skin or of the mucous membrane at the site of contact. Primary irritants are further limited by the editors to those substances that are not corrosive. Hence, concentrated sulfuric acid is not classified in RTECS as a primary irritant.

a. Primary Skin Irritation. In experimental animals, a primary skin irritant is defined as a chemical substance that produces an irritant response on first exposure in a majority of the test subjects. However, in some instances compounds act more subtly and require either repeated contact or special environmental conditions (humidity, temperature, occlusion, etc.) to produce a response.

The most standard animal irritation test is the Draize procedure (Journal of Pharmacology and Experimental Therapeutics, 82: 377-390, 1944). This

BEST COPY AVAILABLE

procedure has been modified and adopted as a regulatory test by the Consumer Product Safety Commission (CPSC) in 16 CFR 1500.41 (formerly 21 CFR 191.11). In this test a known amount (0.5 ml of a liquid or 0.5 gm of a solid or semisolid) of the test substance is introduced under a one square inch gauze patch. The patch is applied to the skin (clipped free of hair) of twelve albino rabbits. Six rabbits are tested with intact skin and six with abraded skin. The abrasions are minor incisions made through the stratum corneum, but are not sufficiently deep to disturb the dermis or to produce bleeding. The patch is secured in place with adhesive tape, and the entire trunk of the animal is wrapped with an impervious material, such as rubberized cloth, for a 24-hour period. The animal is immobilized during exposure. After 24 hours the patches are removed and the resulting reaction evaluated for erythema, eschar, and edema formation. The reaction is again scored at the end of 72 hours (48 hours after the initial reading), and the two readings are averaged. A substance producing any degree of positive reaction is cited in the Registry as an irritant.

As the modified Draize procedure described above has become the standard test specified by the U.S. government, nearly all of the primary skin irritation data either strictly adheres to the test protocol or involves only simple modifications to it. When test procedures other than those described above are reported in the literature, appropriate codes are included in the data line to indicate those deviations.

The most common modification is the lack of occlusion of the test patch, so that the treated area is left open to the atmosphere. In such cases the notation "open" appears in the irritation data line. Another frequent modification involves whole arm or whole body immersion in the test substance or, more commonly, in a dilute aqueous solution of the test substance. This type of test is often conducted on soap and detergent solutions. Immersion data are identified by the abbreviation "imm" in the data line.

The dose reported is based first on the lowest dose producing an irritant effect and second on the latest study published. The dose is expressed as follows:

(1) Single application by the modified Draize procedure is indicated by only a dose amount. If no exposure time is given, then the data are for the standard 72-hour test. For test times other than 72 hours, the dose data is given in mg (or an appropriate unit)/duration of exposure, e.g., 10 mg/24H.

(2) Multiple applications involve administration of the dose in divided portions applied periodically. The total dose of test substance is expressed in mg (or an appropriate unit)/duration of exposure, with the symbol "I" indicating intermittent exposure, e.g., 5 mg/6D-I.

The method of testing substances for primary skin irritation given in the Code of Federal Regulations does not include an interpretation of the response. However, some authors do include a subjective rating of the irritation observed. If such a severity rating is given, it is included in the data as mild ("MLD"), moderate ("MOD"), or severe ("SEV"). The Draize procedure employs a rating scheme which is included here for informational purposes only, since other researchers may not categorize irritation response in this manner.

Category (Draize)	Code	Skin Reaction
Mild	MLD	Well defined erythema and slight edema (edges of area well defined by definite raising)
Moderate	MOD	Moderate to severe erythema and severe edema (area raised approximately 1 mm)
Severe	SEV	Severe erythema (Beet redness) to slight eschar formation (injuries in depth) and severe edema (raised more than 1 mm and extending beyond area of exposure)

b. Primary Eye Irritation. In experimental animals, a primary eye irritant is defined as a chemical substance that produces an irritant response in the test subject on first exposure. Eye irritation study procedures developed by Draize have been modified and adopted as a regulatory test by CPSC in 16 CFR 1500.42. In this procedure, a known amount of the test material (0.1 ml of a liquid or 100 mg of a solid or paste) is placed in one eye of each of six albino rabbits; the other eye remains untreated, serving as a control. The eyes are not washed after instillation and are examined at 24, 48, and 72 hours for ocular reaction. After the recording of ocular reaction at 24 hours, any or all eyes may be further examined following the application of fluorescein. Any or all eyes may also be washed with a sodium chloride solution (U.S.P. or equivalent) after the 24-hour reaction has been recorded.

A test is scored positive if any of the following effects are observed: (1) ulceration (besides fine stippling); (2) opacity of the cornea (other than slight dulling of normal luster); (3) inflammation of the iris (other than a slight deepening of the rugae or circumcorneal injection of the blood vessel); (4) swelling of the conjunctiva (excluding the cornea and iris) with eversion of the eyelid; or (5) a diffuse crimson-red color with individual vessels not clearly identifiable. A substance is an eye irritant if four of six rabbits score positive. It is considered a nonirritant if none or only one of six animals exhibits irritation. If intermediate results are obtained, the test is performed again. For the purpose of RTECS, substances producing any degree of irritation in the eye are identified in the Registry as irritants. When an author has designated a substance as either a mild, moderate, or severe eye irritant, this designation is also reported.

The dose reported is based first on the lowest dose producing an irritant effect and second on the latest study published. Single and multiple applications are indicated as described above under "Primary Skin Irritation." Test times other than 72 hours are noted in the dose. All eye irritant test exposures are assumed to be continuous, unless the reference states that the eyes were washed after instillation. In this case, the notation "rns" (rinsed) is included in the data line.

c. Species Exposed. Since Draize procedures for determining both skin and eye irritation specify rabbits as the test species, most of the animal irritation data in the Registry are for rabbits, although any of the species listed in Table II may be used. The editors endeavor to include as much human

BEST COPY AVAILABLE

data as possible, since this information is directly applicable to occupational exposure. Much of this data comes from studies conducted on volunteers (such as for cosmetic or soap ingredients) or from persons accidentally exposed. When an accidental exposure, such as a spill, is cited, the data line includes the abbreviation "nse" (non-standard exposure). In these cases it is often very difficult to determine the precise amount of the substance to which the individual was exposed. Therefore, for accidental exposures we have generally provided an estimate of the concentration or strength of the substance, rather than a total dose amount.

8. Mutation Data (see Figure 3). All mutation data for both whole animal and in vitro studies appear under the header line "MUTATION DATA AND REFERENCES". Below this heading, each mutation data line includes, in sequence, the mutation test system utilized, the species of the tested organism (and where applicable, the route of administration or cell type), the exposure concentration or dose, and the reference from which the information was extracted. Only positive mutation test results are cited.

A mutation is defined as any heritable change in genetic material. Unlike irritation, reproductive, tumorigenic, and toxic dose data (see paragraphs 7, 9, 10, and 11, respectively), which report the results of whole animal studies mutation data also include studies on lower organisms such as bacteria, molds, yeasts, and insects, as well as in vitro mammalian cell cultures. Studies of plant mutagenesis are not now included in the Registry. No attempt is made to evaluate the significance of the data or to rate the relative potency of the compound as a mutagenic risk to man.

Each element of the mutation data line is discussed below.

a. Mutation Test System. A number of test systems are used to detect genetic alterations caused by chemical substances. Those systems specifically cited in the RTECS file are listed below; others found in the literature have been grouped together under the general term "other mutation test systems" (oms). Each test system is identified by the 3-letter code shown in parentheses. For additional information about mutation tests, the reader may wish to consult the Handbook of Mutagenicity Test Procedures, edited by B. J. Kilbey, M. Legator, W. Nichols, and C. Ramel (Amsterdam: Elsevier Scientific Publishing Company/North-Holland Biomedical Press, Second Edition, 1984.)

(1) Mutation in Microorganisms (mmo) - System utilizes the detection of heritable genetic alterations in microorganisms which have been exposed directly to the chemical substance.

(2) Microsomal Mutagenicity Assay (mma) - System utilizes an in vitro technique which allows enzymatic activation of promutagens in the presence of an indicator organism in which induced mutation frequencies are determined.

(3) Micronucleus Test (mnt) - System utilizes the fact that chromosomes or chromosome fragments may not be incorporated into one or the other of the daughter nuclei during cell division.

(4) Specific Locus Test (slt) - System utilizes a method for detecting and measuring rates of mutation at any or all of several recessive loci.

(5) DNA Damage (dnd) - System detects the damage to DNA strands including strand breaks, crosslinks, and other abnormalities.

(6) DNA Repair (dnr) - System utilizes methods of monitoring DNA repair as a function of induced genetic damage.

(7) Unscheduled DNA Synthesis (dns) - System detects the synthesis of DNA during usually non-synthetic phases.

(8) DNA Inhibition (dni) - System detects the inhibition of DNA synthesis.

(9) Gene Conversion and Mitotic Recombination (mrc) - System utilizes unequal recovery of genetic markers in the region of the exchange during genetic recombination.

(10) Cytogenetic Analysis (cyt) - System utilizes cultured cells or cell lines to assay for chromosomal aberrations.

(11) Sister Chromatid Exchange (sce) - System detects the interchange of DNA in cytological preparations of metaphase chromosomes between replication products at apparently homologous loci.

(12) Sex Chromosome Loss and Nondisjunction (sln) - System measures the nonseparation of homologous chromosomes at meiosis and mitosis.

(13) Dominant Lethal Test (dlt) - A dominant lethal is a genetic change in a gamete that kills the zygote produced by that gamete. In mammals, the dominant lethal test measures the reduction of litter size by examining the uterus and noting the number of surviving and dead implants.

(14) Mutation in Mammalian Somatic Cells (msc) - System utilizes the induction and isolation of mutants in cultured mammalian cells by identification of the gene change.

(15) Host-Mediated Assay (hma) - System uses two separate species, generally mammalian and bacterial, to detect heritable genetic alteration caused by metabolic conversion of chemical substances administered to host mammalian species in the bacterial indicator species.

(16) Sperm Morphology (spm) - System measures the departure from normal in the appearance of sperm.

(17) Heritable Translocation Test (trn) - Test measures the transmissibility of induced translocations to subsequent generations. In mammals, the test uses sterility and reduced fertility in the progeny of the treated parent. In addition, cytological analysis of the F1 progeny or subsequent progeny of the treated parent is carried out to prove the existence of the induced translocation. In Drosophila, heritable translocations are detected genetically using easily distinguishable phenotypic markers, and these translocations can be verified with cytogenetic techniques.

(18) Oncogenic Transformation (otr) - System utilizes morphological criteria to detect cytological differences between normal and transformed tumorigenic cells.

BEST COPY AVAILABLE

(19) Phage Inhibition Capacity (pic) - System utilizes a lysogenic virus to detect a change in the genetic characteristics by the transformation of the virus from noninfectious to infectious.

(20) Body Fluid Assay (bfa) - System uses two separate species, usually mammalian and bacterial. Test substance is first administered to host, from whom body fluid (e.g., urine, blood) is subsequently taken. This body fluid is then tested in vitro, and mutations are measured in the bacterial species.

b. Those test species that are peculiar to mutation data cited in the Registry are designated by the 3-letter codes shown below. Other species common to both mutation and other types of toxicity data are listed in Table II.

	Code	Species
Bacteria:	bcs	Bacillus subtilis
	esc	Escherichia coli
	hmi	Haemophilus influenzae
	klp	Klebsiella pneumoniae
	sat	Salmonella typhimurium
	srm	Serratia marcescens
Molds:	asn	Aspergillus nidulans
	nsc	Neurospora crassa
Yeasts:	smc	Saccharomyces cerevisiae
	ssp	Schizosaccharomyces pombe
Protozoa:	clr	Chlamydomonas reinhardi
	eug	Euglena gracilis
	omi	Other microorganisms
Insects:	dmg	Drosophila melanogaster
	dpo	Drosophila pseudo-obscura
	grh	Grasshopper
	slw	Silkworm
	oin	Other insects
Fish:	sal	Salmon
	ofs	Other fish

If the test organism is a cell type from a particular species (generally mammalian), the parent species is reported followed by a colon and the cell type designation. For example, human leukocytes are coded "hum:leu". The various cell types currently cited in the Registry are listed below.

Designation	Cell Type
ast	Ascites tumor
bmr	bone marrow
emb	embryo
fbr	fibroblast
hla	HeLa cell
kdy	kidney
leu	leukocyte
lng	lung
lvr	liver
lym	lymphocyte
mmr	mammary gland
ovr	ovary
spr	sperm
tes	testis
oth	other cell types not listed above

In the case of host-mediated and body fluid assays, both the host organism and the indicator organism are given as follows: host organism/indicator organism, e.g., "ham/sat" for a test in which hamsters were exposed to the test chemical and S. typhimurium was used as the indicator organism.

For in vivo mutagenic studies, the route of administration is specified following the species designation, e.g., "mus-orl" for oral administration to mice. See Table I for a complete list of routes cited in the Registry. The route of administration is not specified for in vitro data.

c. Units of Exposure. The lowest dose producing a positive effect is cited. The author's calculations are used to determine the lowest dose at which a positive effect was observed. If the author fails to state the lowest effective dose, two times the control dose will be used. Ideally, the dose should be reported in universally accepted toxicological units such as milligrams of test chemical per kilogram of test animal body weight. While this is possible in cases where the actual intake of the chemical by an organism of known weight is reported, it is not possible in many systems using insect and bacterial species. In cases where a dose is reported or where the amount can be converted to a dose unit, it is normally listed as milligrams per kilogram (mg/kg). However, micrograms (ug), nanograms (ng), or picograms (pg) per kilogram may also be used for convenience of presentation. Concentrations of gaseous substances in air are listed as parts per hundred (pph), per million (ppm), per billion (ppb), or per trillion (ppt).

Test systems using microbial organisms traditionally report exposure data as an amount of chemical per liter (L) or amount per plate, well, disc, or tube. The amount may be on a weight (gm, mg, ug, ng, or pg) or molar (millimole (mmol), microwole (umol), nanomole (nmol), or picomole (pmol)) basis. These units describe the exposure concentration rather than the dose actually taken up by the test species. Insufficient data currently exist to permit the development of dose amounts from this information. In such cases, therefore, the substance concentration units used by the author are reported.

Since the exposure values reported in host-mediated and body fluid assays are doses delivered to the host organism, no attempt is made to estimate the exposure concentration to the indicator organism. The exposure values cited for host-mediated assay data are in units of milligrams (or other appropriate unit of weight) of substance administered per kilogram of host body weight or in parts of vapor or gas per million (ppm) parts of air (or other appropriate concentrations) by volume.

9. Reproductive Effectsd Data (see Figure 4). All reproductive effects data appear under the header line "REPRODUCTIVE EFFECTS DATA AND REFERENCES". Below this heading, each reproductive effects data line includes, in sequence, the reproductive effects code, the route of exposure, the species of animal tested, the type of dose, the total dose amount administered, the time and duration of administration, and the reference from which the information was extracted. Only positive reproductive effects data for mammalian species are cited in the Registry. Because of differences in the reproductive systems among species and the systems' varying responses to

BEST COPY AVAILABLE

chemical exposures, no attempt is made to extrapolate animal data or to evaluate the significance of a substance as a reproductive risk to humans.

The reader should note that all toxicity data lines (see paragraph 11) that were coded "TFX:TER" in previous issues of the Registry have been moved into this reproductive effects data section. In addition, new reproductive effects data lines are being added to this portion of the file.

Each element of the reproductive effects data line is discussed below.

a. Reproductive Effects Code. For purposes of the Registry, the reproductive effects for which dose data are cited have been grouped into seven categories: paternal effects, maternal effects, effects on fertility, effects on the embryo or fetus, specific developmental abnormalities, tumorigenic effects, and effects on the newborn. Within these seven categories, 65 specific effects have been defined. Each effect is identified by a three-position alphanumeric code. The reproductive effects and their corresponding codes are shown in Table IV. The reproductive effects code is a subset of and is identical in format to the Toxic Effects Code (TEC) described in paragraph 11a below. The effects cited on a given data line were reported to occur in the species and at the dose level given on that line. Up to three reproductive effects codes can appear on a single data line. If more than three reproductive effects are reported for the same route-species-dose level-duration combination, duplicate lines will appear in this section of the file to allow complete coding of the reproductive effects.

b. Route of Exposure or Administration. See Table I for a complete list of abbreviations and definitions of the various routes of exposure reported in the Registry. For reproductive effects data, the specific route is listed in RTECS either when the substance was administered to only one of the parents or when the substance was administered to both parents by the same route. However, if the substance was administered to each parent by a different route, the route is indicated as "mul" (multiple).

c. Species Exposed. Reproductive effects data are cited in the Registry for mammalian species only. Species abbreviations are the same as those used for toxic dose data and are shown in Table II. Also shown in Table II are approximate gestation periods.

d. Type of Exposure. Only two types of exposure, TDLo and TCLo, are used to describe the dose amounts reported for reproductive effects data. These two terms, which are also used to describe toxic dose data, are defined in paragraph 11d below.

e. Dose Amounts and Units. The total dose amount that was administered to the exposed parent is given. If the substance was administered to both parents, the individual amounts to each parent have been added together and the total amount shown. Where necessary, appropriate conversion of dose units has been made. The dose amounts listed are those for which the reported effects are statistically significant. However, human case reports are cited even when no statistical tests can be performed. The statistical test is that used by the author. If no statistic is reported, a Fisher's Exact Test is applied with significance at the 0.05 level, unless the author makes a strong case for significance at some other level.

Dose units are usually given as an amount administered per unit body weight or as parts of vapor or gas per million parts of air by volume. A complete description of dose units is given in paragraph 11e below. There is no limitation on either the quantity or concentration of the dose or the duration of exposure reported to have caused the reproductive effect(s).

f. Time and Duration of Treatment. The time when a substance is administered to either or both parents may significantly affect the results of a reproductive study, because there are differing critical periods during the reproductive cycles of each species. Therefore, to provide some indication of when the substance was administered, which should facilitate selection of specific data for analysis by the user, a series of up to four terms follows the dose amount. These terms indicate to which parent(s) and at what time the substance was administered. The terms takethe general form:

(uD male/vD pre/w-xD preg/yD post)

where u = total number of days of administration to male prior to mating

v = total number of days of administration to female prior to mating

w = first day of administration to pregnant female during gestation

x = last day of administration to pregnant female during gestation

y = total number of days of administration to lactating mother after birth of offspring

If administration is to the male only, then only the first of the above four terms is shown following the total dose to the male, e.g., 10 mg/kg (5D male). If administration is to the female only, then only the second, third, or fourth term, or any combination thereof, is shown following the the total dose to the female, e.g.,

10 mg/kg (3D pre)
10 mg/kg (3D pre/4-7D preg)
10 mg/kg (3D pre/4-7D preg/5D post)
10 mg/kg (3D pre/5D post)
10 mg/kg (4-7D preg)
10 mg/kg (4-7D preg/5D post)
10 mg/kg (5D post) (NOTE: This example indicates administration to the lactat- mother only after birth of the offspring.)

If administration is to both parents, then the first term and any combination of the last three terms are listed, e.g., 10 mg/kg (5D male/3D pre/4-7D preg). If administration is continuous through two or more of the above periods, the above format is abbreviated by replacing the slash (/) with a dash (-). For example, 10 mg/kg (3D pre-5D post) means a total of 10 mg/kg administered to the female for three days prior to mating, on each day during gestation, and for five days following birth. Approximate gestation periods for various species are shown in Table II.

g. Multigeneration Studies. Some reproductive studies entail administration of a substance to several consecutive generations, with the

BEST COPY AVAILABLE

reproductive effects measured in the final generation. The protocols for such studies vary widely. Therefore, because of the inherent complexity and variability of these studies, they are cited in RTECS in a simplified format as follows. The specific route of administration is reported if it was the same for all parents of all generations; otherwise the abbreviation "mul" is used. The total dose amount shown is that administered to the F0 generation only (as described in paragraph 9e above); doses to the Fn (where n = 1, 2, 3, etc.) generations are not reported. The time and duration of treatment for multigeneration studies are not included in the data line. Instead, the dose amount is followed by the abbreviation "(MGN)", e.g., 10 mg/kg (MGN). This code indicates a multigeneration study, and the reader must consult the cited reference for complete details of the study protocol.

10. Tumorigenic Data. All tumorigenic data appear under the header line "TUMORIGENIC DATA AND REFERENCES." The format of this data line is identical to that of the toxicity data line, which is described in detail in paragraph 11. Briefly, each tumorigenic data line includes, in sequence, the Toxic Effects Code (TEC), the route of exposure, the species of animal studied, the type of dose (either TDLo or TCLo), the total dose amount administered, the duration of exposure, and the reference from which the information was extracted. Only positive or equivocal tumorigenic reports are cited in this section. For other information about tumorigenicity, the reader should also see the IARC review lines (see paragraph 14a), the ACGIH review lines (see paragraph 14c), and the NTP status lines (see paragraph 16a).

The reader should note that the tumorigenic data section does not represent a new type of data in the Registry. Rather, this section includes those data lines that previously appeared in the toxicity data section (see paragraph 11) and that were coded "TFX:CAR," "TFX:NEO," or "TFX:ETA." To conform with the new TEC format (see paragraph 11a below), these lines are now coded with the Toxic Effects Codes V01, V02, or V03, respectively. The "CAR," "NEO," and "ETA" codes are no longer used. In addition, the specific organ systems affected are also indicated. For ease of presentation, all these tumorigenic data lines have been grouped together in this section of the file. All future tumorigenic citations will also appear in this section.

The importance attached to reports of the carcinogenic activity of substances necessitates a more detailed discussion of the criteria used to include this type of data in the Registry. Tumorigenic citations are classified according to the reported results of the study only to aid the reader in selecting appropriate references for in-depth review and evaluation. In past editions of the Registry, the two classifications used were CAR, indicating a positive carcinogenic finding, and NEO, indicating a study producing benign tumors or one lacking complete documentation. Beginning in October 1978, a third classification, ETA (equivocal tumorigenic agent), was added to denote those studies reporting uncertain, but seemingly positive, results. The criteria for these three classifications are listed below. As explained in the Introduction, these criteria are used to abstract the data on a consistent basis and do not represent a comprehensive evaluation of a substance's tumorigenic potential to humans.

Because of the increasing concern with carcinogens in the occupational environment, the Registry now cites multiple studies in which tumorigenic responses were reported. That is, for a given substance, a particular route-species combination may be cited more than once if the results of the multiple studies are coded V01, V02, or V03. These multiple entries have been cited simply with a toxicity measure of "TD" (toxic dose) or "TC" (toxic concentration).

The following 9 technical criteria are used by RTECS to abstract the toxicological literature and classify studies that report positive tumorigenic responses. No attempts are made either to evaluate the various test procedures or correlate results from different experiments.

(1) A citation is coded "V01" (carcinogenic) when review of an article reveals that all of the following criteria are satisfied:

(a) A statistically significant increase in the incidence of tumors in the test animals. The statistical test is that used by the author. If no statistic is reported, a Fisher's Exact Test is applied with significance at the 0.05 level, unless the author makes a strong case for significance at some other level.

(b) A control group of animals is used and the treated and control animals are maintained under identical conditions.

(c) The sole experimental variable between the groups is the administration or non-administration of the test substance (see (9) below).

(d) The tumors consist of autonomous populations of cells of abnormal cytology capable of invading and destroying normal tissues, or the tumors metastasize as confirmed by histopathology.

(2) A citation is coded "V02" (neoplastic) when review of an article reveals that all of the following criteria are satisfied:

(a) A statistically significant increase in the incidence of tumors in the test animals. The statistical test is that used by the author. If no statistic is reported, a Fisher's Exact Test is applied with significance at the 0.05 level, unless the author makes a strong case for significance at some other level.

(b) A control group of animals is used, and the treated and control animals are maintained under identical conditions.

(c) The sole experimental variable between the groups is the administration or non-administration of the test substance (see (9) below).

(d) The tumors consist of cells that closely resemble the tissue of origin, that are not grossly abnormal cytologically, that may compress surrounding tissues, but that neither invade tissues nor metastasize; or

(e) The tumors produced cannot definitely be classified as either benign or malignant.

(3) A citation is coded "V03" (equivocal tumorigenic agent) when some evidence of tumorigenic activity is presented, but one or more of the

BEST COPY AVAILABLE

criteria listed in (1) or (2) above is lacking. Thus, a report with positive pathological findings, but with no mention of control animals, is coded "V03". Reports in which the results are not interpretable are not cited in the Registry.

(4) Since an author may make statements or conclusions based on a larger context than that of the particular data reported, papers in which the author's conclusions differ substantially from the evidence presented in the paper are subject to review by the RTECS Editorial Review Board.

(5) All doses except those for transplacental carcinogenesis are reported in RTECS in one of the following formats.

(a) For all routes of administration other than inhalation:

cumulative dose in mg (or appropriate unit)/kg/duration of administration.

Whenever the dose reported in the reference is not in the above units, conversion to this format is made based on the information given in paragraph 9d above. The total cumulative dose is derived from the lowest dose level that produces tumors in the test group.

(b) For inhalation experiments:

concentration in ppm (or mg/m3)/total duration of exposure.

The concentration refers to the lowest concentration that produces tumors.

(6) Transplacental carcinogenic doses are reported in RTECS in one of the following formats.

(a) For all routes of administration other than inhalation:

cumulative dose in mg/kg/(time of administration during pregnancy.)

The cumulative dose is derived from the lowest single dose that produces tumors in the offspring. The test chemical is administered to the mother.

(b) For inhalation experiments:

concentration in ppm (or mg/m3)/time of exposure during pregnancy or lactation.

The concentration refers to the lowest concentration that produces tumors in the offspring. The mother is exposed to the test chemical either during pregnancy or lactation.

(7) For the purposes of RTECS, all test chemicals are reported as pure, unless otherwise stated by the authors. This does not rule out the possibility that unknown impurities may have been present.

(8) A mixture of compounds whose test results satisfy the criteria in (1), (2), or (3) above is included if the composition of the mixture can be clearly defined.

(9) For tests involving promoters or initiators, a study is included if the following conditions are satisfied (in addition to the criteria in (1), (2), or (3) above):

(a) The test chemical is applied first, followed by an application of a standard promoter. A positive control group in which the test animals are subjected to the same standard promoter under identical conditions is maintained throughout the duration of the experiment. The data are not used if no mention of positive and negative control groups is made in the reference.

(b) A known carcinogen is first applied as an initiator, followed by application of the test chemical as a promoter. A positive control group in which the test animals are subjected to the same initiator under identical conditions is maintained throughout the duration of the experiment. The data are not used if no mention of positive and negative control groups is made in the reference.

11. Toxicity Data (see Figure 5). All other toxic dose data not included in paragraphs 7 through 10 above appear under the header line "TOXICITY DATA AND REFERENCES." Below this heading, each toxic dose data line includes, in sequence, the Toxic Effects Code; the route of exposure; the species of animal studied; the type of dose; the amount of substance per body weight or concentration per unit of air volume and, where applicable, the duration of exposure; and the reference from which the information was extracted. Only positive toxicity test results are cited in this section.

Each element of the toxic dose data line is discussed below.

a. Toxic Effects Code. In previous issues of the Registry, descriptions of toxic effects reported in the literature were coded in two different formats. The original "notations descriptive of the toxicology" were listed following the dose amount as "TFX:ZZZ," where "ZZZ" was one of 28 different organ systems or toxic effects. Beginning in October 1980, this coding system was significantly expanded and reformatted to include over 400 different effects. These effects are noted in the Registry by means of an alphanumeric Toxic Effects Code (TEC). All former "TFX" codes have been converted to TEC's, and new TEC data have been added. The TEC permits a detailed coding of the toxic effects reported in the literature and is included for both human and animal data.

Unlike the former TFX notations, the TEC is the first entry on the toxic dose line; it appears to the left of the route of administration. Each TEC is made up of one or more code segments, each of which contains three characters. Each TEC, which may contain as many as three code segments, is preceded by a single digit (1, 2, or 3) that indicates the number of segments. For example, the entry "2J18K13" indicates 2 code segments: J18 and K13. An explanation of the individual code segments is given below.

The first position of each segment is alphabetic and describes an organ, tissue, or functional system, or other major physiological or behavioral grouping. Positions two and three are numeric damage codes that specify individual toxic effects within each system. A complete list of TEC's, including all major system groupings and individual damage codes, appears in Table III. Using Table III to decode the preceding

BEST COPY AVAILABLE

example (2J18K13), the reader finds that the "J" represents the lung as the affected organ and the "18" indicates pleural thickening. For K13, "K" represents the gastrointestinal system and "13" means nausea or vomiting.

In using the codes, the reader should be aware of the following restrictions:

(1) The TEC coding effort is relatively recent, so that not all data lines include TEC's. All new toxic dose lines are being coded as they are entered into the file. Existing data lines will be reviewed and coded as time and funds permit.

(2) Specific TEC's included in Table III may change as more experience is gained in coding the literature. Some may be deleted, while others may be added. The TEC is not static and will be changed to reflect the information reported in the literature. The four-digit number to the left of each code in Table III is the date (in YYMM format) when a particular code was last changed or added. Like the update field (see paragraph 2), it can be monitored so that changes to the TEC during a specific period can be found.

(3) An asterisk (*) in the TEC field means that the cited reference was reviewed but contained no description of toxic effects other than the lethal dose value listed.

(4) A blank TEC field means that the reference has not yet been reviewed and coded for toxic effects.

(5) TEC's listed on each line describe effects reported only for the route and species specified on that line.

(6) The TEC listed in the Registry should not be viewed as an exhaustive representation of all the potential toxic effects of a compound. This caution results from two considerations. The first is that each RTECS dose line is limited to a maximum of three code segments. For studies in which more than three effects were reported, only the most significant will be listed. Second, the effects are limited to those that are reported in studies that meet the basic selection criteria for inclusion in the Registry; i.e., lowest dose for a given route-species combination. This restriction is important because, for example, studies done to determine acute LD50 values often report little other information besides the LD50 itself.

b. Route of Exposure or Administration. Although many exposures to substances in the industrial community occur via the respiratory tract or skin, most studies in the published literature report exposures of experimental animals in which the test substances were introduced primarily through the mouth by pills, in food, in drinking water, or by intubation directly into the stomach. The abbreviations and definitions of the various routes of exposure reported in the Registry are found in Table I.

c. Species Exposed. Since the effects of exposure of humans are of primary concern, we have indicated, when available, whether the results were observed in man, woman, child, or infant. If no such distinction was made in the reference, the term "hmn" (human) is used. However, the results of studies on rats or mice are the most frequently reported and hence provide the most useful data for comparative purposes. The species and abbreviations used are listed alphabetically in Table II.

d. Description of Exposure. In order to better describe the administered dose reported in the literature, six abbreviations are used. These terms indicate whether the dose caused death (LD) or other toxic effects (TD) and whether it was administered as a lethal concentration (LC) or toxic concentration (TC) in the inhaled air. In general, the term "Lo" is used where the number of subjects studied was not a significant number from the population or the calculated percentage of subjects showing an effect was listed as 100. The definition of terms is as follows:

TDLo--Toxic Dose Low--the lowest dose of a substance introduced by any route, other than inhalation, over any given period of time and reported to produce any toxic effect in humans or to produce tumorigenic or reproductive effects in animals or humans.

TCLo--Toxic Concentration Low--the lowest concentration of a substance in air to which humans or animals have been exposed for any given period of time that has produced any toxic effect in humans or produced a tumorigenic or reproductive effect in animals or humans.

LDLo--Lethal Dose Low--the lowest dose (other than LD50) of a substance introduced by any route, other than inhalation, over any given period of time in one or more divided portions and reported to have caused death in humans or animals.

LD50--Lethal Dose Fifty--a calculated dose of a substance which is expected to cause the death of 50% of an entire defined experimental animal population. It is determined from the exposure to the substance by any route other than inhalation of a significant number from that population. Other lethal dose percentages, such as LD1, LD10, LD30, and LD99, may be published in the scientific literature for the specific purposes of the author. Such data would be published in the Registry if these figures, in the absence of a calculated lethal dose (LD50), were the lowest found in the literature.

LCLo--Lethal Concentration Low--the lowest concentration of a substance in air, other than LC50, which has been reported to have caused death in humans or animals. The reported concentrations may be entered for periods of exposure which are less than 24 hours (acute) or greater than 24 hours (subacute and chronic).

LC50--Lethal Concentration Fifty--a calculated concentration of a substance in air, exposure to which for a specified length of time is expected to cause the death of 50% of an entire defined experimental animal population. It is determined from the exposure to the substance of a significant number from that population.

BEST COPY AVAILABLE

The following table summarizes the above information:

Category	Exposure Time	Route of Exposure	TOXIC EFFECTS Human	Animal
TDLo	Acute or Chronic	All except inhalation	Any Non-Lethal	Reproductive Tumorigenic
TCLo	Acute or Chronic	Inhalation	Any Non-Lethal	Reproductive Tumorigenic
LDLo	Acute or Chronic	All except inhalation	Death	Death
LD50	Acute	All except inhalation	Not Applicable	Death (Statistically Determined)
LCLo	Acute or Chronic	Inhalation	Death	Death
LC50	Acute	Inhalation	Not Applicable	Death (Statistically Determined)

e. Units of Dose Measurement. As in almost all experimental toxicology, the doses given are expressed in terms of the quantity administered per unit body weight, or quantity per skin surface area, or quantity per unit volume of the respired air. In addition, the duration of time over which the dose was administered is also listed, as needed. Dose amounts are generally expressed as milligrams per kilogram (mg/kg). In some cases, because of dose size and its practical presentation in the file, grams per kilogram (gm/kg), micrograms per kilogram (ug/kg), or nanograms per kilogram (ng/kg) are used. Volume measurements of dose were converted to weight units by appropriate calculations. Densities were obtained from standard reference texts. Where densities were not readily available, all liquids were assumed to have a density of one gram per milliliter. Twenty drops of liquid are assumed to be equal in volume to one milliliter.

All body weights have been converted to kilograms (kg) for uniformity. For those references in which the dose was reported to have been administered to an animal of unspecified weight or a given number of animals in a group (e.g., feeding studies) without weight data, the weights of the respective animal species were assumed to be those listed in Table II and the dose is listed on a per kilogram body weight basis. Assumptions for daily food and water intake are found in Table II to allow approximating doses for humans and species of experimental animals where the dose was originally reported as a concentration in food or water. The values presented are selections which are reasonable for the species and convenient for dose calculations.

Concentrations of a gaseous substance in air are generally listed as parts of vapor or gas per million parts of air by volume (ppm). However, parts per hundred (pph or per cent), parts per billion (ppb), or parts per trillion (ppt) may be used for convenience of presentation. If the substance is a solid or a liquid, the concentrations are listed preferably as milligrams per cubic meter (mg/m3) but may, as applicable, be listed as micrograms per cubic meter (ug/m3), nanograms per cubic meter (ng/m3), or picograms per cubic meter (pg/m3) of air. For those cases in which other measurements of contaminants are used, such as the number of fibers or particles, the measurement is spelled out.

Where the duration of exposure is available, time is presented as minutes (M), hours (H), days (D), weeks (W), or years (Y). Additionally, continuous (C) indicates that the exposure was continuous over the time administered, such as ad libitum feeding studies or 24-hour, 7-day per week inhalation exposures. Intermittent (I) indicates that the dose was administered during discrete periods, such as daily, twice weekly, etc. In all cases, the total duration of exposure appears first after the kilogram body weight and slash, followed by descriptive data; e.g., 10 mg/kg/3W-I means ten milligrams per kilogram body weight administered over a period of three weeks, intermittently in a number of separate, discrete doses. This description is intended to provide the reader with enough information for an approximation of the experimental conditions, which can be further clarified by studying the reference cited.

f. Duration of Exposure. The duration of exposure is included to give an indication of the testing period during which the animal was exposed to this total dose.

g. Frequency of Exposure. Frequency of exposure to the test substance varies depending on the nature of the experiment. For the purpose of the Registry, frequency of exposure is given in the case of an inhalation experiment, for human exposures (where applicable), or where a reproductive or tumorigenic effect is specified (see paragraphs 9 and 10, respectively).

12. Cited Reference. The final entry on the irritation, mutation, reproductive, tumorigenic, and toxicity data lines is the reference from which the information was extracted. All references cited are publicly available. No governmental classified documents have been used for source information. All references have been given a unique six-letter CODEN character code (derived from the American Society for Testing and Materials CODEN for Periodical Titles and the CAS Source Index), which identifies periodicals, serial publications, and individual published works. For those references for which no CODEN was found, the corresponding six-letter code includes asterisks (*) in the last one or two positions following the first four or five letters of an acronym for the publicetion title. Following the CODEN designation (for most entries) is the number of the volume, followed by a comma; the page number of the first page of the article, followed by a comma; and two numbers, indicating the year of publication in this century. Where the cited reference is a report, the report number is listed. When contributors have provided information on their unpublished studies, the CODEN consists of the first three letters of the last name, the initials of the first and middle names, and a number (#) sign. The date of the letter supplying the information is listed. All CODEN acronyms are listed in alphabetical order and defined in the complete "CODEN BIBLIOGRAPHIC REFERENCES" list in the back of Volure II.

13. Reviews. This section supplies additional information to enable the reader to make knowledgeable evaluations of potential chemical hazards. There are three types of reviews listed: (a) general toxicology review articles; (b) International Agency for Research on Cancer (IARC) monograph reviews, which are published by the United Nations World Health Organization (WHO); and (c) Threshold Limit Values, which are recommended limits proposed by the American Conference of Governmental Industrial Hygienists (ACGIH).

BEST COPY AVAILABLE

a. Cancer Reviews. In the U.N. International Agency for Research on Cancer (IARC) monographs, information on suspected environmental carcinogens is examined, and summaries of available data with appropriate references are presented. Included in these reviews are synonyms, physical and chemical properties, uses and occurrence, and biological data relevant to the evaluation of carcinogenic risk to humans. The 32 monographs in the series contain an evaluation of approximately 750 substances. Single copies of the individual monographs (specify volume number) can be ordered from WHO Publications Centre USA, 49 Sheridan Avenue, Albany, New York 12210, telephone (518) 436-9686.

The format of the IARC data line is shown in Figure 1. The entry "CARCINOGENIC DETERMINATION" indicates that some carcinogenicity data pertaining to a compound has been reviewed by the IARC committee. The Registry summarizes the committee's conclusion in two words. The first indicates whether the data pertains to humans or to animals. The second word indicates the results of the determination as positive, suspected, indefinite, or negative. These four IARC classifications are described below.

(1) Positive - There is sufficient evidence that the substance is carcinogenic.

(2) Suspected - There is not sufficient evidence to substantially claim that the substance is carcinogenic, but limited data indicate that use of the substance is associated with cancer incidence.

(3) Indefinite - The available evidence is insufficient to substantiate the claim that use of the substance is related to subsequent development of cancer. Further testing would appear to be desirable. No evaluation of the substance's carcinogenicity can be made on the basis of the available data.

(4) Negative - No cancers are produced.

This cancer review reflects only the conclusion of the IARC committee based on the data available for the committee's evaluation. Hence, for some substances there may be disagreement between the IARC determination and the information in the tumorigenic data lines (see paragraph 10). Also, some substances previously reviewed by IARC may be reexamined as additional data become available. These substances will contain multiple IARC review lines, each of which is referenced to the applicable IARC monograph volume.

a. Threshold Limit Value (TLV). The TLV is an ACGIH-recommended concentration of a substance to which most workers can be exposed without adverse effect. The TLV's may be expressed as a time-weighted average (TWA), as a short term exposure limit (STEL), or as a ceiling value (CL). The TWA is for a normal 8-hour workday or 40-hour work week. The STEL is the maximum concentration to which workers can be exposed for up to 15 minutes, provided no more than four excursions per day are permitted with at least 60 minutes between exposure periods and provided the daily TWA is not also exceeded. The CL is the concentration that should not be exceeded even instantaneously. The notation "(skin)" indicates that even though the air concentration may be below the limit value, significant additional exposure to the skin may be dangerous. In addition, a separate TLV review line is included for those substances that ACGIH has classified as human carcinogens (either with or without an assigned TLV) or suspected carcinogens. The TLV's are taken from Documentation of the Threshold Limit Values for Chemical Substances in the Workroom Environment (fourth edition,1980, and subsequent annual revisions). Copies of the complete TLV Documentation may be ordered from ACGIH, 6500 Glenway Avenue, Building D-5, Cincinnati, Ohio 45211, telephone (513) 661-7881. The reader is cautioned that the TLV's are revised periodically. A "Notice of Intended Changes" for substances for which either a TLV is proposed for the first time or for which a change to an existing TLV is proposed is published annually by ACGIH. Proposed changes are considered trial limits for two years, after which they are considered for inclusion as an adopted TLV. Only substances for which TLV's have been adopted and final Documentation prepared are cited in RTECS. In addition, some TLV's are recommended for classes of substances rather than for individual compounds. These classes may be based on certain chemical or physical properties, such as solubility, that have not been determined for all potential members of the class. This makes it difficult to cite individual substances belonging to the class. Any questions about TLV citations in the Registry should be directed to ACGIH at the above address. Any errors should be brought to the attention of the editors at the address given in the Introduction.

b. Toxicology Reviews. The entry "TOXICOLOGY REVIEW" indicates that the cited review article has been located in the literature. Each review is identified by its CODEN. These articles discuss one or more facets of the toxicology of the substance or the general class to which the substance belongs. Most of these references do not contain specific dose values that can be cited in the Registry as irritation, mutation, reproductive, tumorigenic, or toxicity data (see 7, 8, 9, 10, and 11, respectively) because of the RTECS selection criteria. However, the reviews do provide useful information about the toxicity of the substance or group of related substances. The reader is cautioned that the scope of discussion varies greatly among the reviews. Some articles may contain a complete, detailed description of the toxicity of a substance; others may address only a particular aspect of the toxicity (e.g., effect of a substance on fetal development, or body fluid and tissue levels of a substance found under conditions of poisoning); and others may only list the substance in a general discussion of the toxicity of a class of compounds.

14. Standards and Regulations. This section contains notations indicating that the substance is regulated by an agency of the United States Government. The heading of these lines is "STANDARDS AND REGULATIONS," followed either by "OSHA," "EPA," or "DOT." "OSHA" refers to standards promulgated under Section 6 of the Occupational Safety and Health Act of 1970. These have been codified in 29 CFR 1910.1000. "EPA" refers to Worker Protection Standards for Agricultural Pesticides promulgated by the Environmental Protection Agency under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). "DOT" refers to substances regulated for shipment by the Department of Transportation. All standards and regulations are listed with the appropriate Federal Register or Code of Federal Regulations (CFR) reference. Because of frequent changes to and

BEST COPY AVAILABLE

litigation of Federal regulations, it is recommended that the reader contact the applicable agency for information about the current standards for a perticular substance. Omission of a substance or regulatory notation from the Registry does not imply any relief from regulatory responsibility.

OSHA air contaminant standards are noted with the entry "air" following "OSHA STANDARD." "TWA" or "CL" refers to either time-weighted average or ceiling value, respectively. For some substances, TWA, CL, and Pk (peak) values are given in the standard. In those cases, all three are listed. Finally, some entries may be followed by the designation "(skin)." This designation indicates that the compound may be absorbed by the skin and, even though the air concentration may be below the standard, significant additional exposure through the skin may be possible. The reader is cautioned that some OSHA standards are for classes of, rather than individual, substances. These classes may be based on certain chemical or physical properties that have not been well defined for every member of the class. Any questions about specific OSHA standards should be directed to your local or regional OSHA office, which is listed in the white telephone pages under "U.S. Government, Department of Labor." Any errors should be brought to the attention of the editors at the address given in the Introduction.

The entry "(SCP)" following "OSHA" indicates that a draft technical standard has been developed for the substance under the joint NIOSH/OSHA Standards Completion Program. Upon promulgation by OSHA, this draft technical standard fulfills the requirements for a complete standard for the substance as required by Sections 6 and 8 of the Occupational Safety and Health Act (29 CFR 1910.1000). A draft technical standard includes requirements for apprising employees of all hazards to which they are exposed, acceptable personal protective equipment, engineering control procedures, air sampling and analytical procedures, medical surveillance, and recordkeeping. The letter entry following SCP, for example "(SCP-A)," refers to a specific set of draft standards for a group of compounds that were prepared concurrently. Acceptable methods for sampling and analysis have been developed by NIOSH for many of the substances covered by a draft technical standard. A list of those substances and instructions for obtaining the analytical methods appear in Appendix II.

The information following the DOT or IMO notation for a substance has been obtained from the Department of Transportation. This notation indicates (a) the hazard class, (b) the label(s) required, and (c) the proper shipping name(s), as specified for transportation. Except for certain export and import shipments, no person may offer or accept a hazardous material, as defined by the Code of Federal Regulations, Title 49, for transportation in commerce within the United States unless that material is properly classed, described, packaged, marked, labeled, and in the condition for shipment as specified by 49 CFR, Parts 100 to 189. For transportation purposes, a hazardous material means a substance or material which has been determined by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety, and property when transported in commerce and which has been so designated.

Specific definitions are given for each hazard class addressed in 49 CFR; however, DOT reserves the right to regulate or deregulate materials whether or not they meet these definitions. The basic hazard classes include compressed gases, flammables, oxidizers, corrosives, explosives, radioactive materials, and poisons. Although a material may be designated by only one hazard class, additional hazards may be indicated by adding labels or by using other means directed by DOT.

It is essential, therefore, to know the hazard class of a substance and to use the proper label. Generally, a material meeting the DOT definition of a poison must always be labeled as a poison, regardless of the other labeling requirements to ensure adherence to the prohibition against shipping poisons with foodstuffs.

Specific shipping names are designated for hazardous materials listed in 49 CFR. Because of the presence of many nontechnical names or the use of archaic names for some materials, it is necessary to identify the DOT shipping names. The approved DOT shipping names are included as synonyms of the prime names and are identified by the addition of "(DOT)" to the name.

Substances not specifically identified in 49 CFR and not appearing in the Registry are not necessarily exempt from DOT regulations. The Registry contains only those substances specifically identified in 49 CFR. Generic names or general descriptive names such as "insecticide, liquid" are not included in the Registry. Determination of the correct classification for transportation of materials not specifically identified in 49 CFR is the responsibility of the shipper.

15. Criteria Documents. This entry indicates that a NIOSH criteria document recommending a certain environmental (occupational) exposure has been published for this compound or for a class of compounds to which this substance belongs. Included are the title of the document and the recommended standard. The CODEN citation "NTIS**" refers to the National Technical Information Service, U.S. Department of Commerce, from whom copies of the documents can be obtained. See Appendix I for a description of the NIOSH criteria document program, a list of completed criteria documents, and instructions for ordering them.

16. Status. This section provides information on the activities of various governmental agencies regarding the substance. Status lines are currently listed for NTP, NIOSH, EPA, and OSHA.

a. There are two types of NTP status lines listed in the RTECS file. The first indicates that the substance has been or is being tested by the National Toxicology Program (NTP) under its Carcinogenesis Testing Program. These entries were identified as National Cancer Institute (NCI) status lines in issues of the Registry prior to July 1980. However, the NCI Carcinogenesis Testing Program has been absorbed by NTP, and the status lines have been reformatted accordingly. The following different citations are used to reflect the current test status of the compound: nominated for test; selected for test; currently undergoing test; or test completed. These citations are updated as each bioassay progresses. Note that selection of a chemical for bioassay does not necessarily imply that it is a

BEST COPY AVAILABLE

carcinogen, and that a compound originally selected and even scheduled for bioassay may be withdrawn from the program anytime during testing or before testing actually begins. This initial selection is cited in the Registry but is deleted when the compound is removed from the test. It is therefore important that the reader monitor these status lines for changes The bioassay itself normally takes about two and one half years to conduct, and another year is required to prepare the final report. When this report is released, the report number and test results are listed, and, where applicable, specific tumorigenic dose lines (see paragraph 10) are generated. Final reports for some bioassays may not be published because the data are insufficient, and this is noted in the Registry where applicable. Also, some substances may be selected by NTP for retest after the first bioassay is completed and the final report issued. These duplicate studies are noted on a separate NTP status line. The reader should also note that some of the early NCI testing was not done in accordance with the strict experimental protocols now used. The results of these studies were not published as NCI bioassay reports, but instead appeared in the literature as journal articles. These are noted on the NTP status lines as "studies" rather than "bioassays," and references to the journals are given. To obtain additional information about the Carcinogenesis Testing Program or the status of a particular substance under test, or to obtain copies of the final bioassay reports, contact the Toxicology Information and Scientific Evaluation Group, NTP/TRTP/NIEHS, Mail Drop 18-01, P.O. Box 12233, Research Triangle Park, North Carolina 27709, Telephone (919)-541-3418.

The second type of NTP status line indicates that the substance is listed in the NTP "Fourth Annual Report on Carcinogens" (1984). This cumulative list is published in accordance with Public Law 95-622, which requires that the Secretary of the Department of Health and Human Services publish an annual report containing "... a list of all substances (i) which either are known to be carcinogens or which may reasonably be anticipated to be carcinogens and (ii) to which a significant number of persons residing in the United States are exposed ...." Included for each of the 194 chemicals in the report is a description of the substance, including a brief synopsis of the scientific evidence that led to its inclusion in the report. This is immediately followed by information about the regulatory activities of the NTP-participating Federal Agencies. For additional information about the report, contact the Public Information Office, National Toxicology Program, P.O. Box 12233, Research Triangle Park, North Carolina 27709, telephone (919) 541-3971. Subsequest NTP Reports on Carcinogens will be cited in future issues of the Registry.

b. NIOSH status lines are included for those substances for which an analytical method(s) has been developed by NIOSH or for substances for which NIOSH current intelligence bulletins (CIB's) have been issued. The former type of line includes a citation to the appropriate method number(s) in the "NIOSH Manual of Analytical Methods, Third Edition," which is identified by the CODEN citation "NIMAM*". The sampling and measurement methods in the Third Edition are revisions and additions to those contained in the Second Edition. A complete list of substances for which NIOSH analytical methods exist, along with instructions for ordering the Manual from the U.S. Government Printing Office, appear in Appendix II.

c. EPA status entries are included for three portions of the Toxic Substances Control Act (TSCA), Public Law 94-469: the Section 8(b) chemical inventory, Section 8(a) preliminary assessment information, and Section 8(e) substantial risk information. A TSCA inventory citation indicates that the substance appears on the chemical inventory prepared in 1980 by the Environmental Protection Agency in accordance with provisions of Section 8(b) of TSCA. Substances reported in the inventory include those that are produced commercially in or imported into this country. The reader should note, however, that substances already regulated by EPA under FIFRA and by the Food and Drug Administration under the Food, Drug, and Cosmetic Act, as amended, are not included in the TSCA inventory. Similarly, alcohol, tobacco, and explosive substances are not regulated under TSCA. TSCA regulations should be consulted for an exact definition of reporting requirements.

GENE-TOX: A Genetic Toxicology program status line indicates that the substance has been reported in the literature for potential genetic effects during 1969-1979. The test protocol in the literature is evaluated by an EPA Expert Panel on Mutations and a positive or negative effect of the substance is designated. To obtain additional information about this program, contact GENE-TOX Program, EPA, 401 M Street, TS796, Washington, D.C., 20460.

A preliminary assessment information status line indicates that EPA has promulgated both a final and a proposed rule under Section 8(a) of TSCA, reporting and retention of information. The final rule requires chemical manufacturers and, in some cases, processors and importers to report production and exposure-related data on approximately 250 chemicals to EPA. Included in this status line is a citation to the Federal Register issue (volume 47, page 26992, June 22, 1982) in which the rule appeared. This reference should be consulted for a complete explanation of the rule. The proposed rule (Federal Register, volume 47, page 27009, June 22, 1982) covers an additional 350 chemicals for which similar reporting would be required.

A substantial risk status line indicates that EPA has received and reviewed information submitted under Section 8(e) of TSCA, which requires that persons who obtain information which reasonably supports the conclusion that a substance presents substantial risk of injury to human health or the environment must notify EPA within 15 days. These notices are reviewed by EPA and an initial evaluation is prepared containing, if appropriate, follow-up questions to the submitter, referrals to other agencies, and decisions to list the chemical for a Section 8 reporting rule or to undertake a formal risk assessment. The submissions and the initial evaluations are in the Public Reading Room, 447 East Tower, Waterside Mall, 401 M Street, S.W., Washington, D.C. 20460. Persons wishing to request a copy of these notices may write to the EPA Freedom of Information Office (A-101), Washington, D.C. 20460. A duplication fee will be charged. The reader should note that many 8(e) notices represent a company's first review of a situation or datum and a judgment in compliance with the statute to submit a notice within 15 days of obtaining the information. EPA publishes its evaluations of these notices in order to make widely available this Section 8(e) information in a form understandable to the general public.

BEST COPY AVAILABLE

For additional information about TSCA, contact the Industry Assistance Office (TS-799), EPA Office of Pesticides and Toxic Substances, Washington, D.C. 20460, telephone toll-free (800) 424-9065.

d. An OSHA medical records status line indicates that the substance meets one of the three criteria for being classified as a "toxic substance" for purposes of OSHA's proposed modification of the Access to Employee Exposure and Medical Records Rule, 29 CFR 1910.20. A complete description of the proposed changes appears in the Federal Register, volume 47, page 30420, July 13, 1982. For the reader's convenience, the applicable portion of the proposal is provided below.

"Toxic substance" means any chemical substance or biological agent (bacteria, virus, fungus, etc.) which:

(1) has yielded positive evidence of an acute or chronic health hazard (consistent with (3)(a)-(e) below) in testing conducted by, or known to, the employer;

(2) is the subject of a material safety data sheet kept by or known to the employer indicating that the material may pose a hazard to human health; or

(3) is listed in the latest printed edition of the NIOSH Registry of Toxic Effects of Chemical Substances (RTECS), provided that the substance:

(a) has been reported to cause human toxicity at any dose level;

(b) has been reported to cause cancer or reproductive effects in animals at any dose level;

(c) has a median lethal dose (LD50) of less than 500 milligrams per kilogram of body weight when administered orally to rats;

(d) has a median lethal dose (LD50) of less than 1000 milligrams per kilogram of body weight when administered by continuous contact to the bare skin of albino rabbits; or

(e) has a median lethal concentration (LC50) in air of less than 2000 parts per million by volume of gas or vapor, or less than 20 milligrams per liter of mist, fume, or dust when administered to albino rats.

As new data are added and corrections made to the RTECS file, the number of substances that meet the above criteria may change. Alternatively, OSHA may revise the criteria in (3) above, which will have a similar effect of changing the substances proposed for regulation. Therefore, the reader is cautioned to monitor these status lines for possible changes. For additional information about OSHA's proposed changes to the Access to Employee Exposure and Medical Records Rule, contact the Office of Special Standards Programs, OSHA, 200 Constitution Avenue, N.W., Room N-3663, Washington, D.C. 20210, telephone (202) 523-7166.

BEST COPY AVAILABLE

TABLE I

ROUTES OF ADMINISTRATION TO, OR EXPOSURE OF,
ANIMAL SPECIES TO TOXIC SUBSTANCES

Abbreviation	Route	Definition
eye	Eyes	Administration directly onto the surface of the eye. Used exclusively for primary irritation data. See Ocular
ial	Intraaural	Administration into the ear
iat	Intraarterial	Administration into the artery
ice	Intracerebral	Administration into the cerebrum
icv	Intracervical	Administration into the cervix
idr	Intradermal	Administration within the dermis by hypodermic needle
idu	Intraduodenal	Administration into the duodenum
ihl	Inhalation	Inhalation in chamber, by cannulation, or through mask
imp	Implant	Placed surgically within the body--location dsescribed in reference
ims	Intramuscular	Administration into the muscle by hypodermic needle
ipc	Intraplacental	Administration into the placenta
ipl	Intrapleural	Administration into the pleural cavity by hypodermic needle
ipr	Intraperitoneal	Administration into the peritoneal cavity
irn	Intrarenal	Administration into the kidney
isp	Intraspinal	Administration into the spinal canal
itr	Intratracheal	Administration into the trachea
itt	Intratesticular	Administration into the testes
iut	Intrauterine	Administration into the uterus
ivg	Intravaginal	Administration into the vagina
ivn	Intravenous	Administration directly into the vein by hypodermic needle
mul	Multiple	Administration into a single animal by more than one route
ocu	Ocular	Administration directly onto the surface of the eye or into the conjunctival sac; used exclusively for systemic toxicity data; see Eyes.
orl	Oral	Per os, intragastric, feeding, or introduction with drinking water
par	Parenteral	Administration into the body through the skin. Reference cited is not specific concerning the route used; could be ipr, scu, ivn, ipl, ims, irn, or ice
rec	Rectal	Administration into the rectum or colon in the form of enema or suppository
scu	Subcutaneous	Administration under the skin
skn	Skin	Application directly onto the skin, either intact or abraded. Used for both systemic toxicity and primary irritant effects
unk	Unreported	Dose, but not route, is specified in the reference

BEST COPY AVAILABLE

TABLE II

SPECIES

With Assumptions for Toxic Dose Calculation From Non-Specific Data*

Abbrev.	Species	Age		Weight	Consumption (Approx.) Food gm/day	Consumption (Approx.) Water ml/day	1 ppm in Food Equals, in mg/kg/day	Approximate Gestation Period, Days
brd	Bird -- domestic or laboratory bird not otherwise identified			1 kg				
bwd	Bird -- wild bird species			40 gm				
cat	Cat, adult			2 kg	100	100	0.05	64 (59-68)
chd	Child	1-13	Y	20 kg				
ckn	Chicken, adult (male or female)	8	W	800 gm	140	200	0.175	
ctl	Cattle, horse			500 kg	10,000		0.02	284 (279-290)
dck	Duck, adult domestic	8	W	2,500 gm	250	500	0.1	
dog	Dog, adult	52	W	10 kg	250	500	0.025	62 (56-68)
dom	Domestic animals -- Goat, Sheep			60 kg	2,400		0.04	G: 152 (148-156) S: 146 (144-147)
frg	Frog, adult			33 gm				
gpf	Guinea pig, adult			500 gm	30	85	0.06	68
gbl	Gerbil			100 gm	5	5	0.05	25 (24-26)
ham	Hamster	14	W	125 gm	15	10	0.12	16
hmn	Human	Adult		70 kg				
hor	Horse, donkey			500 kg	10,000			H: 339 (333-345) D: 365
inf	Infant	0-1	Y	5 kg				
mam	Mammal -- Species unspecified			200 gm				
man	Man	Adult		70 kg				
mky	Monkey	2.5	Y	5 kg	250	500	0.05	165
mus	Mouse	8	W	25 gm	3	5	0.12	21
nml	Non-mammalian species							
pgn	Pigeon	8	W	500 gm				
pig	Pig			60 kg	2,400		0.041	114 (112-115)
qal	Quail (laboratory)			100 gm				
rat	Rat, adult female	14	W	200 gm	10	20	0.05	22
rat	Rat, adult male	14	W	250 gm	15	25	0.06	
rat	Rat, adult sex unspecified	14	W	200 gm	15	25		
rat	Rat, weanling	3	W	50 gm	15	25	0.3	
rbt	Rabbit, adult	12	W	2 kg	60	330	0.03	31
sql	Squirrel			500 gm				44
tod	Toad			100 gm				
trk	Turkey	18	W	5 kg				
wmn	Woman	Adult		50 kg				270

*NOTE: Values given here are within reasonable limits usually found in the published literature and are selected to facilitate calculations for data from publications in which toxic dose information has not been presented for an individual animal of the study. See, for example, Association of Food and Drug Officials, Quarterly Bulletin, volume 18, page 66, 1954, and Guyton, American Journal of Physiology, volume 150, page 75, 1947. Data for lifetime exposure are calculated from the assumptions for adult animals for the entire period of exposure. For definitive dose data, the reader must review the referenced publication.

BEST COPY AVAILABLE

TABLE III

TOXIC EFFECTS CODE (TEC)

The Toxic Effect Code (TEC) is a three-character alphanumeric code used to describe in detail the specific effects described in the literature cited in the Registry. For a complete explanation of the TEC, see paragraph 11a of the Detailed File Description.

Position 1 - Organ, Tissue or Functional System

A Brain and coverings
B Spinal Cord
C Peripheral nerves and sensation
D Sense organs and special senses (nose, eye, ear and taste)
E Autonomic Nervous System
F Behavioral
G Cardiac
H Vascular
J Lung, thorax, respiration
K Gastrointestinal
L Liver
M Kidney, ureter, bladder
N Endocrine
P Blood
Q Musculo-skeletal
R Skin and appendages
S Immunological including allergic
U Nutritional and gross metabolic
V Tumorigenic
Y Biochemical
Z Reserved

Position 2 and 3 - Damage codes, two digits

Each of the major headings below correspond to one of the organs, tissues or functional systems listed in Position 1

A BRAIN AND COVERINGS

01 Meningeal changes
02 Changes in cerebral spinal fluid
03 Increased intracranial pressure
04 Changes in circulation (hemorrhage, thrombosis, etc)
05 Encephalitis
06 Demyelination
10 Changes in surface EEG
11 Recordings from specific areas of CNS
30 Other degenerative changes
60 Tumors

B SPINAL CORD

01 Meningeal changes
02 Changes in circulation
03 Inflammatory changes
04 Demyelination
30 Other degenerative changes
60 Tumors

C PERIPHERAL NERVE AND SENSATION

01 Associated connective tissue
02 Sensory syndrome diagnostic of central lesion
03 Sensory change involving trigeminal nerve
04 Sensory change involving peripheral nerve
05 Sensory change involving segmental distribution

BEST COPY AVAILABLE

06 Spastic paralysis with or without sensory change
07 Flaccid paralysis with appropriate anesthesia
08 Flaccid paralysis without anesthesia (usually neuromuscular blockade)
09 Fasciculations
10 Paresthesia
15 Recording from afferent nerve
16 Recording from peripheral motor nerve
17 Local anesthetic
18 Structural change in nerve or sheath

D SENSE ORGANS AND SPECIAL SENSES (NOSE, EYE, EAR AND TASTE)

Olfaction:

01 Deviated nasal septum
02 Ulcerated nasal septum
03 Change in olfactory nerve
04 Change in sensation of smell
07 Other
09 Tumors

Eye:

10 Optic nerve neuropathy
11 Cycloplegia
12 Changes in refraction
13 Ciliary spasm
14 Visual field changes
15 Miosis (Pupillary constriction)
16 Mydriasis (Pupillary dilation)
17 Lacrimation
18 Chromodacryorrhea
19 Increased intraocular pressure
20 Retinal changes (pigmentary deposition, retinitis, other)
21 Hemorrhage
22 Changes in circulation
23 Diplopia
24 Change in extra-ocular muscles
25 Conjunctiva irritation
26 Corneal damage
27 Iritis
28 Ptosis
29 Tumors
35 Other

Ear:

40 Change in acuity
41 Tinnitus
43 Changes in vestibular functions
44 Change in cochlear structure or function
45 Tumors

Taste:

50 Change in function

E AUTONOMIC NERVOUS SYSTEM

01 Sympathomimetic
02 Alpha adrenergic blocker
03 Beta adrenergic blocker
04 Central sympatholytic
05 Ganglion blocker
06 Ganglion facilitant
08 Other (direct) parasympathomimetic
09 Intensify beta adrenergic effects
15 Smooth muscle relaxant (mechanism undefined, spasmolytic)
16 Parasympatholytic

BEST COPY AVAILABLE

F BEHAVIORAL

01 General anesthetic
02 Anticonvulsant
03 Wakefulness
04 Sleep
05 Altered sleep time (including change in righting reflex)
06 Euphoria
07 Somnolence (general depressed activity)
08 Hallucinations, distorted perceptions
09 Changes in REM sleep (human)
10 Toxic Psychosis
11 Tremor
12 Convulsions or effect on seizure threshold
13 Excitement
14 Anorexia, human
15 Food intake (animal)
16 Fluid intake
17 Change in motor activity (specific assay)
18 Muscle weakness
19 Ataxia
20 Stiffness
21 Rigidity (includes catalepsy)
22 Tetany
23 Muscle contraction or spasticity
24 Coma
25 Antipsychotic
26 Antianxiety
27 Headache
29 Analgesia
30 Tolerance
31 Withdrawal
32 Abuse
33 Irritability
40 Alteration of classical conditioning
41 Alteration of operant conditioning
42 Change in psychophysiological tests
43 Aggression

G CARDIAC

01 Cardiomyopathy including infarction
02 Changes in coronary arteries
03 Pericarditis
04 Arrythmias (including changes in conduction)
05 Cardiomegaly
06 EKG changes not diagnostic of above
07 Pulse rate increased without fall in BP
08 Pulse rate decreased with fall in BP
09 Change in force of contraction
10 Change in rate
11 Change in conduction velocity
12 Cardiac output
13 Change in resting or action potential
30 Other changes
60 Tumors

H VASCULAR

01 BP elevation not characterized in autonomic section
02 BP lowering not characterized in autonomic section
03 Pulse pressure increase
04 Regional or general arteriolar constriction
05 Regional or general arteriolar or venous dilation
06 Measurement of regional blood flow
07 Change in plasma or blood volume
08 Shock
15 Acute arterial occulsion

BEST COPY AVAILABLE

16 Structural changes in vessels
17 Thromobosis distant from injection site (except brain, heart)
20 Contraction (isolated tissues)
21 Relaxation (isolated tissues)
30 Other changes
35 Effect on gills and gill functions
60 Tumors

J LUNGS, THORAX OR RESPIRATION

01 Ciliary function changes
02 Structural or functional change in trachea or bronchi
03 Bronchiolar dilation
04 Bronchiolar constriction, incl asthma
05 Bronchiectasis
06 Emphysema
07 Changes in pulmonary vascular resistance
08 Consolidation
12 Fibrosis, focal (pneumoconiosis)
13 Fibrosis, interstitial
14 Fibrosing alveolitis
15 Acute pulmonary edema
16 Chronic pulmonary edema or congestion
17 Pleural effusion
18 Pleural thickening
20 Respiratory obstruction
21 Cough
22 Dyspnea
23 Sputum
24 Cyanosis
25 Respiratory depression
26 Respiratory stimulation
27 Pulmonary emboli
30 Other changes
60 Tumors
61 Bronchogenic carcinoma

K GASTROINTESTINAL

01 Changes in structure or function of salivary glands
02 Changes in structure or function of exocrine pancreas
03 Changes in structure or function of esophagus
04 Alteration in gastric secretion
05 Gastritis
06 Ulceration or bleeding from stomach
07 Ulceration or bleeding from duodeum
08 Ulceration or bleeding from small intestine
09 Ulceration or bleeding from large intestine
12 Hypermotility, diarrhea
13 Nausea or vomiting
14 Decreased motility or constipation
15 Malabsorption
17 Peritonitis
20 Necrotic changes
30 Other changes
31 Contraction (isolated tissue)
32 Relaxation (isolated tissue)
60 Tumors
61 Colon tumors

Teeth (See musculoskeletal)

L LIVER

01 Hepatitis (hepatocellular necrosis), diffuse
02 Hepatitis (hepatocellular necrosis), zonal
03 Fatty liver degeneration
04 Hepatitis, fibrous (cirrhosis, post-necrotic scarring)
10 Jaundice (or hyperbilirubinemia) hepatocellular

BEST COPY AVAILABLE

11 Jaundice, cholestatic
12 Jaundice, other or unclassified
14 Liver function tests impaired
15 Change in gall bladder structure or function
30 Other changes
50 Multiple effects
60 Tumors
61 Angiosarcoma

M KIDNEY, URETER, BLADDER

01 Changes in blood vessels or in circulation of kidney
02 Changes primarily in glomeruli
03 Changes in tubules (including acute renal failure, acute tubular necrosis)
04 Changes in both tubules and glomeruli
05 Interstitial nephritis
10 Urine volume increased
11 Urine volume decreased or anuria
12 Renal function tests depressed
13 Proteinuria
14 Hematuria
16 Other changes in urine composition
20 Inflammation, necrosis or scarring of bladder
21 Structural or functional change in ureter
30 Other changes
60 Bladder tumors
61 Kidney tumors

N ENDOCRINE

01 Antidiuresis
02 Change in LH
03 Change in GH
04 Change in gonadotropins
05 Thyroid weight (goiter)
06 Toxic goiter-hypofunction
07 Evidence of thyroid hyperfunction
08 Evidence of thyroid hypofunction
10 Hyperparathyroidism
12 Adrenal cortex hyperplasia
13 Adrenal cortex hypoplasia
15 Aldosteronism
16 Androgenic
17 Estrogenic
18 Differential effect of sex or castration on observed toxicity
19 Effect on menstrual cycle
20 Gynecomastia
21 Diabetes mellitus
22 Hypoglycemia
23 Ketosis
24 Hyperglycemia
25 Diabetes insipidus (nephrogenic or CNS)
30 Other changes
60 Tumors
61 Adrenal cortex tumors
62 Thyroid tumors

P BLOOD

01 Hemorrhage
02 Change in clotting factors
05 Normocytic anemia
06 Microcytosis with or without anemia
07 Macrocytosis
08 Pigmented or nucleated RBC
13 Granulocytopenia
14 Luekopenia
15 Angranulocytosis

BEST COPY AVAILABLE

16 Eosinophilia
17 Thrombocytopenia
20 Changes in cell count (unspecified)
22 Oxidant related (GPD deficient) anemia
23 Other hemolysis with or without anemia
24 Methemoglobinemia-Carboxhemoglobinemia
25 Aplastic anemia
26 Changes in bone marrow not included in abovr
27 Changes in spleen
30 Other changes
60 Tumors
61 Leukemia
62 lymphoma including Hodgkin's disease

Q MUSCULO-SKELETAL

See also Behavioral for muscle changes secondary to CNS or metabolic changes

01 Changes in teeth and supporting structures
05 Osteoporosis
10 Osteomalacia
15 Joints
30 Other changes
60 Tumors

R SKIN AND APPENDAGES

Skin:

After systemic exposure
01 Dermatitis, allergic
02 Dermatitis, irritative
03 Dermatitis, other
04 Photosensitivity

After topical application
10 Primary irritation
11 Corrosive
12 Dermatitis, allergic
13 Cutaneous sensitization (experimental)
14 Photosensitivity

Other:

20 Sweating
21 Hair
22 Nails
25 Breast
30 Other glands (animal)
60 Tumors

S IMMUNOLOGICAL INCLUDING ALLERGIC

01 Increase in cellular immune response
02 Decrease in cellular immune response
03 Increase in humoral response
04 Decrease in humoral immune response
05 Decreased immune response
06 Increased immune response

Allergic (Multiple organ involvement)

When single organs are involved code under organ
Cholestatic jaundice - see liver
Aplastic anemia, agranulocytosis - see blood
Allergic dermatitis - see skin

BEST COPY AVAILABLE

15 Anaphylaxis
16 Other immediate (humoral): urticaria, allergic rhinitis, serum sickness
18 Hypersensitivity delayed
20 Autoimmune
25 Uncharacterized

U NUTRITIONAL AND GROSS METABOLIC

See also Biochemical Effects (Intermediary Metabolism)

01 Weight loss or decreased weight gain
02 Conditioned vitamin deficiency
03 Dehydration

Changes in:

05 Na
06 Cl
07 Ca
08 P
09 Fe
10 K
11 Other metals
20 Metabolic acidosis
21 Metabolic alkalosis
25 Body temperature increase
26 Body temperature decrease
30 Other changes

V TUMORIGENIC

Tumorigenic effects in humans and animals - See organ system

01 Carcinogenic by RTECS criteria
02 Neoplastic by RTECS criteria
03 Equivocal Tumorigenic Agent by RTECS criteria
05 Cells (cultured) transformed
08 Increased incidence of tumors in susceptible strain
10 Tumors at site of application
15 Tumor types after systemic administration not seen spontaneously
16 Facilitates action of known carcinogens
25 Protects against induction of experimental tumors
30 Active as anti-cancer agent

7909 Y BIOCHEMICAL EFFECTS

Enzyme inhibition, induction or change in blood or tissue levels

01 True cholinesterase
02 Other esterases
03 Phosphatases
04 Other hydrolases
05 Cabonic anhydrase
06 Xanthine oxidases
07 Hepatic microsomal mixed oxidase (dealkylation, hydroxylation, etc)
08 Monoamine oxidase
09 Cytochrome oxidases (includes oxidative phosphorylation)
10 Dehydrogenases
11 Catalases
12 Other oxidoreductases
13 Phosphokinase
14 Hexokinases
15 Transaminases
16 Other transferases

BEST COPY AVAILABLE

17 Peptidases
18 Proteases
19 Isomerases
20 Multiple enzyme effects
21 Other enzymes
23 Reactivates cholinesterase

Effect on specific coenzyme

25 B vitamin including Folate
26 CoA
27 NAD, NADP
28 Others
29 Proportion of isoenzymes
30 Disturbed regulation

Metabolism (Intermediary)

35 Xanthine, purine or nucleotides including urate
36 Porphyrin including bile pigments
37 Lipids including transport
38 Amino acids (including renal excretion)
39 Plasma proteins not involving coagulation
40 Other proteins
41 Glycolytic
42 TCS cycle
43 Pentase shunt
44 Other carbohydrates
45 Histamines (including liberation not immunochemical in origin)
50 Effect on mitochondrial function
51 Effect on active transport
52 Effect on Na-K pump
53 Other
54 Effect on cyclic nucleotides
55 Effect on inflammation or mediation of inflammation

Neurotransmitters or modulators (putative)

60 Catecholamine levels in sympathetic nerves
61 Catecholamine levels in CNS
64 Dopamine in striatum
65 Dopamine at other sites

Z Reserved

BEST COPY AVAILABLE

TABLE IV

REPRODUCTIVE EFFECTS CODE

The Reproductive Effects Code is a subset "T" of the more general Toxic Effects Code (TEC) and is formatted in the same manner as the TEC (See Table III

Paternal Effects:

T01 Spermatogenesis (including genetic material, sperm morphology, motility, and count)
T02 Testes, epididymis, sperm duct
T03 Prostate, seminal vesicle, Cowper's gland, accessory glands
T04 Impotence
T05 Breast development
T09 Other effects on male

Maternal Effects:

T11 Oogenesis
T12 Ovaries, fallopian tubes
T13 Uterus, cervix, vagina
T14 Menstrual cycle changes or disorders
T15 Breasts, lactation (prior to or during pregnancy)
T16 Parturition
T17 Postpartum
T19 Other effects on female

Effects on Fertility:

T21 Mating performance (e.g., # sperm positive females per # females mated; # copulations per # estrus cycles)
T22 Female fertility index (e.g., # females pregnant per # sperm positive females; # females pregnant per # females mated)
T23 Male fertility index (e.g., # males impregnating females per # males exposed to fertile nonpregnant females)
T24 Pre-implantation mortality (e.g., reduction in number of implants per female; total number of implants per corpora lutea)
T25 Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants)
T26 Litter size (e.g., # fetuses per litter; measured before birth)
T27 Abortion
T29 Other measures of fertility

Effects on Embryo or Fetus:

T31 Extra embryonic structures (e.g., placenta, umbilical cord)
T32 Maternal-fetal exchange
T33 Cytological changes (including somatic cell genetic material)
T34 Fetotoxicity (except death, e.g., stunted fetus)
T35 Fetal death
T39 Other effects to embryo or fetus

Specific Developmental Abnormalities:

T41 Central nervous system
T42 Eye, ear
T43 Craniofacial (including nose and tongue)
T44 Skin and skin appendages
T45 Body wall
T46 Musculoskeletal system
T47 Cardiovascular (circulatory) system
T48 Blood and lymphatic systems (including spleen and marrow)
T49 Respiratory system
T50 Gastrointestinal system
T51 Hepatobiliary system
T52 Endocrine system

BEST COPY AVAILABLE

T53 Urogenital system
T54 Immune and reticuloendothelial system
T55 Homeostasis
T59 Other developmental abnormalities

Tumorigenic Effects:

T61 Testicular tumors
T62 Prostate tumors
T63 Ovarian tumors
T64 Uterine tumors
T65 Transplacental tumorigenesis
T69 Other reproductive system tumors

Effects on Newborn:

T71 Stillbirth
T72 Live birth index (similar to T26, except measured after birth)
T73 Sex ratio
T74 Apgar score (humans only)
T75 Viability index (e.g., # alive at day 4 per # born alive)
T76 Weaning or lactation index (e.g., # alive at weaning per # alive at day 4)
T77 Other neonatal measures or effects
T81 Growth statistics (e.g., reduced weight gain)
T82 Germ cell effects (in offspring)
T83 Biochemical and metabolic
T84 Drug dependence
T85 Behavioral
T86 Physical
T87 Other postnatal measures or effects
T91 Delayed effects

BEST COPY AVAILABLE

CAS Number—RTECS Accession Number Index

XLVI

BEST COPY AVAILABLE

CAS No.	RTECS No.
*50-00-0	See: LP8925000
50-01-1	See: MF4300000
*50-02-2	See: TU3980000
*50-03-3	See: GM8960000
*50-04-4	See: GM9140000
*50-06-6	See: CQ6825000
*50-07-7	See: CN0700000
*50-09-9	See: CQ2800000
*50-10-2	See: BP7625000
50-11-3	See: CQ3675000
*50-12-4	See: MU2275000
*50-13-5	See: NS5950000
*50-14-6	See: KE1050000
*50-18-0	See: RP5950000
*50-19-1	See: EK2450000
*50-21-5	See: OD2800000
*50-22-6	See: GM7650000
*50-23-7	See: GM8925000
*50-24-8	See: TU4152000
*50-27-1	See: KG8225000
*50-28-2	See: KG2975000
*50-29-3	See: KJ3325000
50-30-6	See: DG7000000
*50-31-7	See: DH7700000
*50-32-8	See: DJ3675000
*50-33-9	See: UQ8225000
*50-34-0	See: BP8249200
*50-35-1	See: TI4375000
*50-36-2	See: YM2800000
*50-37-3	See: KE4100000
*50-38-4	See: DH6834000
*50-39-5	See: XH2387000
*50-41-9	See: YE0875000
*50-42-0	See: AH2625000
50-43-1	See: DH8050000
*50-44-2	See: UO9800000
50-45-3	See: DG6475000
50-46-4	See: NX0505000
*50-47-5	See: HO0350000
*50-48-6	See: HO9275000
*50-49-7	See: HO1575000
*50-50-0	See: KG4050000
*50-52-2	See: SP2100000
*50-53-3	See: SN8925000
*50-54-4	See: VA5950000
*50-54-4	See: VA5951000
*50-55-5	See: ZG0350000
*50-56-6	See: aS7534000
*50-57-7	See: YW8659000
*50-59-9	See: UU3675000
50-60-2	See: SL0700000
*50-63-5	See: VB2450000
*50-65-7	See: VN8400000
50-66-8	See: UO8976000
*50-67-9	See: NM2450000
50-70-4	See: LZ4290000
*50-71-5	See: BA4200000
50-73-7	See: DH7525000
*50-74-8	See: DH6833000
50-75-9	See: DH7350000
*50-76-0	See: AU1575000
*50-78-2	See: VO0700000
50-79-3	See: DG6825000
*50-81-7	See: CI7650000
50-82-8	See: DH7875000
50-84-0	See: DG6650000
*50-89-5	See: XP2071000
50-90-8	See: YU7400000
*50-91-9	See: YU7525000
50-94-2	See: XY8300000
*50-98-6	See: KB1750000
*50-99-7	See: LZ6600000
*51-02-5	See: QJ9275000
*51-03-6	See: XS8050000
*51-05-8	See: DG2275000
*51-06-9	See: CV2275000
*51-12-7	See: NS1225000
*51-14-9	See: AB2831000
*51-15-0	See: UU4200000
*51-17-2	See: DD5425000
*51-18-3	See: XZ2100000
*51-20-7	See: YQ9060000
*51-21-8	See: YR0350000
*51-24-1	See: AI1980000
*51-28-5	See: SL2800000
*51-29-6	See: DO1200000
*51-30-9	See: DO1925000
*51-31-0	See: DO1750010
*51-34-3	See: VR3675000
51-36-5	See: DG7350000
51-39-8	See: DH8225000
*51-40-1	See: DN6750000
*51-41-2	See: DN5950000
*51-42-3	See: DO3500000
*51-43-4	See: DO2625000
51-44-5	See: DG7175000
*51-45-6	See: MS1050000
51-46-7	See: XA5290000
*51-48-9	See: YP2833500
*51-50-3	See: HQ6650000
*51-52-5	See: YR1400000
*51-55-8	See: CK0700000
51-56-9	See: YM5602000
*51-57-0	See: SH5425000
51-58-1	See: YR8166000
*51-60-5	See: CY1225000
*51-61-6	See: UX1088000
51-62-7	See: SI1575000
*51-63-8	See: SI1400000
*51-64-9	See: SH9100000
51-66-1	See: AE8290000
51-67-2	See: SJ5950000
*51-68-3	See: AG0430000
*51-71-8	See: MV8400000
*51-73-0	See: UY0175000
*51-74-1	See: NI5425000
*51-74-1	See: NI5430000
*51-75-2	See: IA1750000
*51-77-4	See: XB8890000
51-78-5	See: SJ6070000
*51-79-6	See: FA8400000
*51-80-9	See: PA6700000
51-82-1	See: FA6000000
*51-83-2	See: GA0875000
*51-84-3	See: FZ9700000
*51-85-4	See: KR7175000
*51-98-9	See: RC8965000
*52-01-7	See: TU4725000
*52-21-1	See: TU4152500
*52-24-4	See: SZ2975000
*52-26-6	See: QC8575000
*52-28-8	See: QD1310000
52-30-2	See: HM2425000
*52-31-3	See: CQ2975000
*52-39-1	See: TU4523000
52-41-5	See: HM2400000
52-42-6	See: HM2385000
*52-43-7	See: CQ3325000
52-44-8	See: HM2954000
52-45-9	See: HM2952000
*52-46-0	See: XX9450000
*52-49-3	See: TN2625000
*52-51-7	See: TY3385000
52-52-8	See: GY2625000
*52-53-9	See: YV8300000
52-55-1	See: HM2475000
52-56-2	See: HM2370000
52-57-3	See: HM2335000
*52-60-8	See: TF4200000
52-61-9	See: UY2640000
*52-62-0	See: UY4900000
52-66-4	See: YV9445000
*52-67-5	See: YV9425000
*52-68-6	See: TA0700000
*52-76-6	See: RC8964300
*52-78-8	See: RC8961200
*52-85-7	See: TF7650000
*52-86-8	See: EU1575000
*52-88-0	See: CK2800000
52-89-1	See: HA2275000
*52-90-4	See: HA1600000
*53-03-2	See: TU4154100
*53-06-5	See: GM9020000
*53-10-1	See: TU4157250
*53-16-7	See: KG8575000
*53-18-9	See: ZF9380000
*53-19-0	See: KH7880000
*53-21-4	See: YM3050000
53-27-0	See: LT8515000
53-31-6	See: TL6650000
53-36-1	See: TU4154050
*53-39-4	See: RN6800700
53-41-8	See: BV8048510
*53-43-0	See: BV8396000
*53-45-2	See: KG7744000
*53-46-3	See: BP7632500
53-60-1	See: SO8575000
*53-63-4	See: KG7731000
*53-64-5	See: SB2270000
*53-69-0	See: CU3500000
*53-70-3	See: HN2625000
*53-79-2	See: AU7350000
53-84-9	See: UU3450000
*53-86-1	See: NL3500000
*53-94-1	See: NC3570000
*53-95-2	See: AK8575000
*53-96-3	See: AB9450000
54-03-5	See: DI0220000
*54-04-6	See: SI2625000
*54-05-7	See: VB2360000
*54-06-8	See: NM1925000
*54-11-5	See: QS5250000
*54-12-6	See: YN6129200
54-16-0	See: NL3650000
54-20-6	See: YR1750000
*54-21-7	See: VO5075000
*54-25-1	See: XY8575000
*54-30-8	See: MB9625000
*54-31-9	See: CB2625000
54-32-0	See: FI1575000
*54-36-4	See: UC3050000
*54-42-2	See: YU7700000
54-47-7	See: UV1207000
54-49-9	See: DN4300000
*54-62-6	See: MA1050000
*54-64-8	See: OV8400000
54-65-9	See: SG9611000
*54-71-7	See: TK1450000
*54-77-3	See: TM3385000
*54-80-8	See: QJ9100000
*54-84-2	See: GD7478000
*54-85-3	See: NS1750000
*54-86-4	See: QT2060000
54-87-5	See: MU3850000
*54-88-6	See: XU5950000
54-91-1	See: TK8795000
*54-92-2	See: NS1925000
*54-95-5	See: XF8225000
54-96-6	See: US7600000
*55-03-8	See: XP3583000
*55-16-3	See: VR4290000
*55-18-5	See: IA3500000
*55-21-0	See: CU8700000
*55-22-1	See: NS1103000
*55-27-6	See: DN6650000
*55-31-2	See: DO3150000
55-34-5	See: UH2100000
*55-37-8	See: TF9800000
*55-38-9	See: TF9625000
*55-43-6	See: HQ6825000
*55-45-8	See: BR0318000
*55-48-1	See: CK2450000
55-51-6	See: DP1575000
*55-52-7	See: MV7350000
55-55-0	See: SL8650000
*55-56-1	See: DU1925000
*55-57-2	See: DU2550000
*55-63-0	See: QX2100000
*55-63-0	See: WG9532700
*55-65-2	See: MF2975000
*55-68-5	See: OW8400000
55-70-9	See: TX8000000
55-71-0	See: EJ7380000
*55-80-1	See: BX8250000
55-81-2	See: SH7875000
*55-86-7	See: IA2100000
*55-91-4	See: TE5075000
*55-92-5	See: BR5200000
*55-93-6	See: MO2400000
*55-97-0	See: BQ8575000
*55-98-1	See: EK1750000
*56-04-2	See: YR0875000
*56-10-0	See: UM0175000
*56-12-2	See: ES6300000
56-17-7	See: KR7260000
*56-18-8	See: JL9450000
*56-23-5	See: FG4900000
*56-24-6	See: WH8400000
*56-25-7	See: RN8575000
*56-29-1	See: CQ2625000
56-34-8	See: BS6125000
*56-35-9	See: JN8750000
*56-36-0	See: WH5775000
56-37-1	See: BO8275000
*56-38-2	See: TF4920000
*56-38-2	See: TF4550000
*56-40-6	See: MB7600000
*56-47-3	See: HG0525000
*56-49-5	See: FZ3675000
*56-53-1	See: WJ5600000
*56-54-2	See: VA4725000
*56-55-3	See: CV9275000
*56-57-5	See: VC2100000
*56-65-5	See: AU7416000
*56-69-9	See: YN7000000
*56-72-4	See: GN6300000
*56-75-7	See: AB6825000
*56-81-5	See: MA8050000
*56-82-6	See: MA6475000
56-85-9	See: MA2275100

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*56-86-0	See: LZ9700000
*56-87-1	See: OL5540000
*56-89-3	See: HA2690000
*56-92-8	See: MS1575000
56-93-9	See: BO8400000
*56-95-1	See: DU1930000
*56-97-3	See: UU7525000
56-99-5	See: BP2979000
*57-06-7	See: NX8225000
*57-08-9	See: MO5800000
*57-09-0	See: BQ7875000
*57-10-3	See: RT4550000
*57-11-4	See: WI2800000
*57-12-5	See: GS7175000
*57-13-6	See: YR6250000
*57-14-7	See: MV2450000
*57-15-8	See: UC0175000
*57-16-9	See: TU5555000
*57-22-7	See: OH6300000
*57-24-9	See: WL2275000
*57-27-2	See: QC7875000
*57-29-4	See: QC7710000
*57-30-7	See: CQ7000000
*57-33-0	See: CQ6125000
*57-37-4	See: DD2800000
*57-39-6	See: SZ1925000
*57-41-0	See: MU1050000
*57-42-1	See: NS5775000
57-43-2	See: CQ5075000
*57-44-3	See: CQ3500000
*57-47-6	See: TJ2100000
57-49-8	See: FD9075000
*57-50-1	See: WN6500000
*57-52-3	See: XQ7175000
*57-53-4	See: TZ0175000
*57-55-6	See: TY2000000
*57-56-7	See: VT2975000
*57-57-8	See: RQ7350000
*57-62-5	See: QI7750000
*57-63-6	See: RC8925000
57-64-7	See: TJ2450000
*57-66-9	See: DG9400000
*57-67-0	See: WO8575000
*57-68-1	See: WO9275000
57-71-6	See: EK3150000
*57-74-9	See: PB9800000
*57-83-0	See: TW0175000
*57-85-2	See: XA3115000
*57-88-5	See: FZ8400000
*57-91-0	See: KG3750000
*57-92-1	See: WK4375000
*57-94-3	See: YO4900000
*57-95-4	See: YO4025000
57-96-5	See: UQ8575000
*57-97-6	See: CW3850000
*58-00-4	See: CE0700000
*58-05-9	See: WB2650000
*58-08-2	See: EV6475000
*58-13-9	See: FA4440000
*58-14-0	See: UV8140000
*58-15-1	See: CD2625000
*58-18-4	See: BV8400000
*58-19-5	See: BV8060020
*58-20-8	See: XA3066000
*58-22-0	See: XA3030000
*58-25-3	See: DE9275000
*58-27-5	See: QL9100000
*58-28-6	See: HO0525000
*58-32-2	See: KK7450000
*58-33-3	See: SO8225000
*58-34-4	See: SP0175000
*58-36-6	See: SP6800000
*58-38-8	See: SO2700000
*58-39-9	See: TL7175000
*58-40-2	See: SO7000000
58-46-8	See: DK2275000
*58-54-8	See: AG6600000
*58-55-9	See: XH3850000
*58-56-0	See: UV1350000
*58-58-2	See: AU7352000
*58-60-6	See: AU7337000
*58-61-7	See: AU7175000
*58-63-9	See: NM7460000
*58-64-0	See: AU7467000
*58-71-9	See: XI0383000
*58-72-0	See: KX4920000
*58-73-1	See: KR6825000
*58-74-2	See: NW8450000
*58-82-2	See: EE1530000
58-85-5	See: XJ9088200
*58-89-9	See: GV4900000
*58-90-2	See: SM9275000
*58-93-5	See: DK9100000
*58-94-6	See: DK9450000
*58-95-7	See: GP8588000
58-96-8	See: YR1450000
*59-00-7	See: UZ9275000
*59-01-8	See: WK1962000
*59-02-9	See: DJ2900000
*59-05-2	See: MA1225000
*59-14-3	See: YU7350000
*59-23-4	See: LW5490000
*59-26-7	See: QS4375000
*59-30-3	See: LP5425000
59-31-4	See: FG7175000
59-32-5	See: US6320000
*59-33-6	See: UT1225000
*59-35-8	See: UV8900000
59-39-2	See: DF4150000
*59-40-5	See: WP2100000
*59-42-7	See: DO7175000
*59-43-8	See: XI6550000
*59-46-1	See: DG2100000
*59-47-2	See: TZ1225000
59-48-3	See: NM2080500
*59-49-4	See: DM4905000
*59-50-7	See: GO7100000
*59-51-8	See: PD0456000
*59-52-9	See: UB2625000
*59-53-0	See: YV9380000
*59-58-5	See: LQ0699000
*59-61-0	See: DO1080000
59-63-2	See: NY2625000
*59-66-5	See: AC8225000
*59-67-6	See: QT0525000
*59-85-8	See: OV8050000
*59-87-0	See: LT7700000
*59-88-1	See: MV9000000
*59-89-2	See: QE7525000
*59-92-7	See: AY5600000
*59-96-1	See: DP3500000
59-97-2	See: NJ2350000
*59-98-3	See: NJ1925000
*59-99-4	See: BR3300000
*60-00-4	See: AH4025000
*60-01-5	See: ET7350000
*60-02-6	See: MF3240000
*60-09-3	See: BY8225000
60-10-6	See: LQ9450000
*60-11-7	See: BX7350000
*60-12-8	See: SG7175000
*60-13-9	See: SI1750000
*60-15-1	See: SH9000000
*60-17-3	See: AY6310000
60-18-4	See: YP2275600
*60-19-5	See: SJ6050000
*60-23-1	See: KJ0175000
*60-24-2	See: KL5600000
*60-25-3	See: BQ8650000
60-26-4	See: BQ8385000
*60-29-7	See: KI5775000
*60-31-1	See: FZ9800000
*60-32-2	See: MO6300000
60-33-3	See: RF9990000
*60-34-4	See: MV5600000
*60-35-5	See: AB4025000
60-38-8	See: WL0725000
60-40-2	See: RB6880000
*60-41-3	See: WL2550000
*60-44-6	See: BP7525000
60-45-7	See: WN2804500
*60-46-8	See: YV4400000
*60-51-5	See: TE1750000
*60-54-8	See: QI8750000
*60-56-0	See: NI8615000
*60-57-1	See: IO1750000
60-70-8	See: YX5094000
*60-79-7	See: KE5075000
*60-80-0	See: CD2450000
60-81-1	See: UC2080000
*60-87-7	See: SO6825000
*60-89-9	See: SP2625000
*60-91-3	See: SO4200000
*60-92-4	See: AU7357600
*60-93-5	See: VA6478000
*61-00-7	See: OB2275000
61-01-8	See: SO7600000
*61-12-1	See: GD3325000
61-15-4	See: DO4100000
*61-16-5	See: DN4025000
*61-19-8	See: AU7480500
61-24-5	See: XI0331650
*61-25-6	See: NW8575000
*61-33-6	See: XH9400000
61-50-7	See: NL7350000
61-51-8	See: NL6650000
61-52-9	See: NL8050000
*61-54-1	See: NL4020000
61-56-3	See: DB3150000
*61-57-4	See: NJ1050000
*61-67-6	See: UT4770000
*61-68-7	See: CB4550000
61-69-8	See: UO3400000
*61-73-4	See: SO5600000
*61-75-6	See: BO9450000
*61-76-7	See: DO7525000
*61-80-3	See: DM4550000
*61-82-5	See: XZ3850000
*61-90-5	See: OH2850000
61-94-9	See: QT2150000
*62-13-5	See: AM8225000
*62-23-7	See: DH5075000
*62-31-7	See: UX1092000
*62-32-8	See: UX1925000
*62-33-9	See: EV7700000
*62-37-3	See: OW1050000
*62-38-4	See: OV6475000
*62-44-2	See: AM4375000
*62-46-4	See: JP1190000
*62-49-7	See: FZ9625000
*62-50-0	See: PB2100000
62-51-1	See: BR5250000
*62-53-3	See: BW6650000
62-54-4	See: AF7525000
*62-55-5	See: AC8925000
*62-56-6	See: YU2800000
*62-57-7	See: AY7000000
*62-59-9	See: FL5600000
*62-67-9	See: QC7700000
*62-68-0	See: YV7175000
*62-73-7	See: TC0350000
*62-74-8	See: AH9100000
*62-75-9	See: IQ0525000
*62-76-0	See: KI1750000
*62-90-8	See: KG7995000
*62-97-5	See: TN5075000
*63-05-8	See: BV8150000
*63-25-2	See: FC5950000
*63-37-6	See: HA3980000
*63-38-7	See: HA3917000
*63-39-8	See: YU8083000
*63-42-3	See: OD9625000
*63-45-6	See: VA9660000
*63-56-9	See: UV8750000
*63-68-3	See: PD0457000
*63-74-1	See: WO8400000
*63-75-2	See: QT2100000
63-84-3	See: AY5250000
*63-91-2	See: AY7535000
*63-92-3	See: DP3750000
*63-98-9	See: YU0875000
63-99-0	See: YU4025000
*64-00-6	See: FB7875000
*64-01-7	See: XU7900000
*64-02-8	See: AH5075000
*64-04-0	See: SG8750000
*64-10-8	See: YU0650000
64-11-9	See: SH4935050
*64-17-5	See: KQ6300000
*64-18-6	See: LQ4900000
*64-19-7	See: AF1340000
*64-19-7	See: AF1300000
*64-19-7	See: AF1225000
64-20-0	See: BS7600000
*64-31-3	See: QC8750000
*64-39-1	See: TN8000000
*64-43-7	See: CQ5250000
*64-47-1	See: UY8585000
64-55-1	See: TY3850000
*64-65-3	See: MA4550000
*64-67-5	See: WS7875000
*64-69-7	See: AI3500000
*64-72-2	See: QI7800000
*64-73-3	See: QI7700000
*64-75-5	See: QI9100000
*64-77-7	See: YS4550000
*64-85-7	See: HG0350000
*64-86-8	See: GH0700000
64-89-1	See: UC1925000
*64-95-9	See: AH2624000
*64-96-0	See: YE2113400
64-99-3	See: NI4750500
*65-14-5	See: YV8200000
*65-19-0	See: ZG1015000
65-22-5	See: UV1225000
*65-23-6	See: UV1300000
*65-28-1	See: SL5430000
*65-29-2	See: BS1100000
*65-30-5	See: QS9625000
*65-31-6	See: QT0350000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
*65-45-2	See: VN6475000
*65-46-3	See: UW7370000
*65-47-4	See: HA3914000
*65-49-6	See: VO1225000
65-61-2	See: AR7601000
*65-64-5	See: MV5650000
*65-71-4	See: XP2100000
65-82-7	See: PD0480000
*65-85-0	See: DG0875000
*65-86-1	See: RM3180000
*66-05-7	See: MV7400000
*66-22-8	See: YQ8650000
*66-25-1	See: MN7175000
*66-27-3	See: PB2625000
*66-28-4	See: FH5425000
*66-32-0	See: WL2450000
66-40-0	See: BS5800000
*66-56-8	See: SL2700000
*66-71-7	See: SF8300000
*66-75-1	See: YQ8925000
*66-76-2	See: GN7875000
66-77-3	See: QJ0190000
*66-79-5	See: XH9000000
*66-81-9	See: MA4375000
*66-83-1	See: NL4110000
66-84-2	See: LZ6665000
66-86-4	See: QP4200000
66-97-7	See: LV0944000
66-98-8	See: DV2800200
66-99-9	See: QJ0190010
*67-03-8	See: XI7350000
67-04-9	See: DO7875000
67-06-1	See: BS9220000
*67-20-9	See: MU2800000
*67-21-0	See: ES6825200
*67-28-7	See: AJ1075000
67-42-5	See: AH3760000
*67-43-6	See: MB8205000
*67-45-8	See: RQ3675000
*67-47-0	See: LT7031100
*67-48-1	See: KH2975000
*67-56-1	See: PC1400000
*67-62-9	See: NC3850000
*67-63-0	See: NT8050000
*67-64-1	See: AL3150000
*67-66-3	See: FS9100000
*67-68-5	See: PV6210000
*67-72-1	See: KI4025000
*67-73-2	See: TU3830000
*67-78-7	See: TU3950000
67-92-5	See: DT7350000
67-96-9	See: WW0600000
*67-97-0	See: VS2900000
*67-98-1	See: KK5550000
67-99-2	See: KB4725000
68-04-2	See: GE8300000
68-05-3	See: BS7365000
*68-11-1	See: AI5950000
*68-12-2	See: LQ2100000
*68-19-9	See: GG3750000
*68-22-4	See: RC8975000
*68-23-5	See: RC8980000
*68-26-8	See: VH6750000
*68-35-9	See: WP1925000
68-36-0	See: ZE4655000
*68-39-3	See: NY2974900
*68-41-7	See: NY2975000
*68-76-8	See: DK7175000
*68-88-2	See: KK2275000
*68-89-3	See: PB1300000
*68-90-6	See: OB1835000
*68-91-7	See: NJ6100000
68-94-0	See: UP0791000
*68-96-2	See: TU5060000
*69-05-6	See: AR7875000
*69-09-0	See: SO1750000
*69-23-8	See: TL9730000
*69-25-0	See: JX8688000
*69-27-2	See: NR3675000
*69-33-0	See: UY8870000
69-43-2	See: SH6490000
69-44-3	See: GO7300100
*69-52-3	See: XH8400000
*69-53-4	See: XH8350000
*69-57-8	See: XH9800000
*69-65-8	See: OP2060000
*69-72-7	See: VO0525000
*69-74-9	See: HA5500000
*69-79-4	See: OO5250000
*69-89-6	See: ZD7700000
70-00-8	See: XP2087500
*70-07-5	See: RQ3500000
70-10-0	See: DE4170000
*70-11-1	See: AM5978400
*70-18-8	See: MC0556000
*70-22-4	See: UY5950100
*70-25-7	See: MF4200000
70-29-1	See: LC8120000
*70-30-4	See: SM0700000
*70-34-8	See: CZ7800000
*70-38-2	See: GZ1455000
*70-43-9	See: GZ1452000
70-49-5	See: WM8225000
70-51-9	See: UG5300000
*70-55-3	See: XT5075000
70-58-6	See: QS4476000
*70-69-9	See: UG7350000
*70-70-2	See: UH1925000
70-97-3	See: MD3230000
*71-00-1	See: MS3070000
*71-23-8	See: UH8225000
*71-27-2	See: GA2360000
*71-36-3	See: EO1400000
*71-41-0	See: SB9800000
*71-43-2	See: CY1400000
*71-44-3	See: EJ7175000
*71-48-7	See: AG3150000
*71-55-6	See: KJ2975000
*71-58-9	See: TU5010000
*71-62-5	See: YX5600000
*71-63-6	See: IH2275000
71-67-0	See: SM8395000
*71-68-1	See: QD2625000
*71-73-8	See: CQ6475000
*71-78-3	See: TN0875000
71-79-4	See: DD3150000
*71-81-8	See: BP0693200
*71-82-9	See: QD0480000
*71-91-0	See: BS5950000
71-97-6	See: TC0300000
*72-14-0	See: WP2360000
*72-17-3	See: OD5680000
*72-18-4	See: YV9361000
72-19-5	See: XO8590000
*72-20-8	See: IO1575000
*72-33-3	See: RC8960000
*72-43-5	See: KJ3675000
*72-44-6	See: VA3850000
*72-48-0	See: CB6580000
*72-54-8	See: KI0700000
*72-55-9	See: KV9450000
*72-56-0	See: KH5790000
*72-57-1	See: QJ6475000
*72-63-9	See: BV8000000
*72-69-5	See: HO9800000
72-80-0	See: VC5600000
*73-03-0	See: AU7358610
*73-09-6	See: AI9160000
*73-22-3	See: YN6130000
*73-24-5	See: AU6125000
*73-31-4	See: AC5955000
73-32-5	See: NR4705000
*73-40-5	See: MF8260000
*73-48-3	See: DK8225000
73-64-3	See: ME9320000
*73-66-5	See: UV6450000
*73-78-9	See: AN7600000
*74-10-2	See: KL5290000
74-11-3	See: DG4976010
*74-31-7	See: ST2275000
74-55-5	See: EL3640000
74-59-9	See: TF6650000
*74-60-2	See: TF6600000
*74-82-8	See: PA1490000
*74-83-9	See: PA4900000
*74-84-0	See: KH3800000
*74-85-1	See: KU5340000
*74-86-2	See: AO9600000
*74-87-3	See: PA6300000
*74-88-4	See: PA9450000
*74-89-5	See: PF6300000
*74-90-8	See: MW6825000
*74-93-1	See: PB4375000
74-94-2	See: IP9450000
*74-95-3	See: PA7350000
*74-96-4	See: KH6475000
*74-97-5	See: PA5250000
*74-98-6	See: TX2275000
*74-99-7	See: UK4250000
*75-00-3	See: KH7525000
*75-01-4	See: KU9625000
*75-02-5	See: YZ7351000
*75-03-6	See: KI4750000
*75-04-7	See: KH2155000
*75-04-7	See: KH2100000
*75-05-8	See: AL7700000
*75-07-0	See: AB1925000
*75-08-1	See: KI9625000
*75-09-2	See: PA8050000
*75-11-6	See: PA8575000
*75-12-7	See: LQ0525000
*75-15-0	See: FF6650000
*75-16-1	See: OM3700000
*75-18-3	See: PV5075000
*75-19-4	See: GZ0690000
*75-20-7	See: EV9400000
*75-21-8	See: KX2450000
75-22-9	See: PA0525000
75-23-0	See: KQ8060000
*75-24-1	See: BD2204000
*75-25-2	See: PB5600000
*75-26-3	See: TX4111000
*75-27-4	See: PA5310000
*75-28-5	See: TZ4300000
*75-29-6	See: TX4410000
*75-30-9	See: TZ4200000
*75-31-0	See: NT8400000
*75-33-2	See: TZ7302000
*75-34-3	See: KI0175000
*75-35-4	See: KV9275000
*75-35-4	See: YZ8061000
*75-36-5	See: AO6390000
*75-37-6	See: KI1410000
*75-38-7	See: KW0560000
*75-39-8	See: AB1950000
*75-43-4	See: PA8400000
*75-44-5	See: SY5600000
*75-45-6	See: PA6390000
*75-46-7	See: PB6900000
*75-47-8	See: PB7000000
*75-50-3	See: PA0350000
*75-52-5	See: PA9800000
*75-54-7	See: VV3500000
*75-55-8	See: CM8050000
*75-56-9	See: TZ2975000
75-57-0	See: BS7700000
75-58-1	See: PA1050000
*75-59-2	See: PA0875000
*75-60-5	See: CH7525000
*75-61-6	See: PA7525000
*75-62-7	See: PA5400000
*75-63-8	See: PA5425000
*75-64-9	See: EO3330000
*75-65-0	See: EO1925000
75-66-1	See: TZ7660000
*75-68-3	See: KH7650000
*75-69-4	See: PB6125000
*75-71-8	See: PA8200000
*75-72-9	See: PA6410000
*75-73-0	See: FG4920000
*75-74-1	See: TP4725000
*75-75-2	See: PB1140000
*75-76-3	See: VV5705400
*75-77-4	See: VV2710000
*75-78-5	See: VV3150000
*75-79-6	See: VV4550000
*75-80-9	See: KM3675000
75-82-1	See: KH9360000
*75-83-2	See: EJ9300000
*75-85-4	See: SC0175000
*75-86-5	See: OD9275000
*75-87-6	See: FM7870000
*75-89-8	See: KM5250000
*75-91-2	See: EQ4900000
*75-91-2	See: EQ4903000
*75-91-2	See: EQ4902000
*75-91-2	See: EQ4905000
*75-94-5	See: VV6125000
75-97-8	See: EL7700000
*75-98-9	See: TO7700000
*75-99-0	See: UF0690000
*76-00-6	See: UB9800000
*76-01-7	See: KI6300000
*76-02-8	See: AO7140000
*76-03-9	See: AJ7875000
*76-05-1	See: AJ9625000
*76-06-2	See: PB6300000
*76-09-5	See: EK1720000
*76-11-9	See: KI1425000
*76-12-0	See: KI1420000
*76-13-1	See: KJ4000000
*76-14-2	See: KI1101000
*76-15-3	See: KH7877500
*76-16-4	See: KI4110000
*76-19-7	See: TZ5255000
*76-20-0	See: EJ5250000
*76-22-2	See: EX1225000
76-23-3	See: CQ4562000
*76-25-5	See: TU3920000
76-28-8	See: FH5389000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CAS No.	RTECS No.
76-35-7	See: EK1700000
76-36-8	See: ES3850000
*76-37-9	See: UB9400000
*76-38-0	See: KN7820000
76-39-1	See: UB8575000
76-42-6	See: QD2450000
*76-43-7	See: BV8390000
*76-44-8	See: PC0700000
*76-45-9	See: FL5700000
*76-57-3	See: QD0893000
*76-58-4	See: QD0850000
*76-61-9	See: XP2575000
*76-63-1	See: WH6705000
*76-65-3	See: DF7875000
76-68-6	See: CP8400500
*76-73-3	See: CP9450000
*76-74-4	See: CQ5775000
*76-75-5	See: CQ6300000
76-76-6	See: CQ5425000
76-83-5	See: PA6450000
76-86-8	See: VV2720000
*76-87-9	See: WH8575000
*76-90-4	See: TN5950000
76-94-8	See: CQ7245000
76-98-2	See: GL1400000
*76-99-3	See: MJ5950000
*77-01-0	See: TM5073300
*77-02-1	See: CP8925000
77-04-3	See: UT2810530
*77-06-5	See: LY8990000
77-07-6	See: QD1830000
*77-09-8	See: SM8380000
*77-10-1	See: TN2272590
77-15-6	See: CM2800000
*77-20-3	See: TN7000000
*77-21-4	See: MA4725000
77-22-5	See: GY3700000
77-26-9	See: CP8750000
*77-28-1	See: CQ1575000
77-30-5	See: CQ4880000
*77-36-1	See: DB1556000
*77-37-2	See: UY1925000
77-38-3	See: KR3185000
*77-41-8	See: WN2625000
*77-46-3	See: AE7175000
*77-47-4	See: GY1225000
77-49-6	See: TY8925000
*77-50-9	See: EL2975000
*77-54-3	See: FJ1680000
*77-58-7	See: WH7000000
*77-65-6	See: YS2975000
*77-66-7	See: YR6475000
*77-67-8	See: WN2800000
*77-71-4	See: MU0977000
*77-73-6	See: PC1050000
*77-74-7	See: SA7450000
*77-75-8	See: SC4900000
77-77-0	See: KM7175000
*77-78-1	See: WS8225000
*77-79-2	See: XM9100000
*77-80-5	See: JN8850000
*77-81-6	See: TB4550000
*77-83-8	See: MW5250000
*77-86-1	See: TY2900000
77-89-4	See: GE8225000
77-92-9	See: GE7350000
*77-93-0	See: GE8050000
77-95-2	See: GU8650000
77-98-5	See: KH3150000
77-99-6	See: TY6470000
*78-00-2	See: TP4550000
*78-06-8	See: RP4395000
78-07-9	See: VV4205000
*78-08-0	See: VV6700000
*78-10-4	See: VV9450000
*78-11-5	See: RZ2620000
*78-11-5	See: RZ2630000
78-12-6	See: KL8925000
78-13-7	See: VV9400000
78-18-2	See: GV9570000
*78-19-3	See: XF0875000
*78-20-6	See: RP4420000
*78-25-1	See: BP2295000
*78-27-3	See: GV9100000
78-28-4	See: FA9625000
*78-30-8	See: TD0350000
*78-34-2	See: TE3350000
*78-35-3	See: NQ4610000
*78-37-5	See: GD9700000
*78-40-0	See: TC7900000
*78-41-1	See: KK2400000
*78-42-2	See: MP0770000
78-43-3	See: UB1472000
*78-44-4	See: FB3325000
78-46-6	See: SZ7000000
*78-48-8	See: TG5425000
*78-51-3	See: KJ9800000
78-52-4	See: TD9625000
*78-53-5	See: TF0525000
78-54-6	See: GV9350000
*78-57-9	See: TD5600000
*78-59-1	See: GW7700000
*78-62-6	See: VV3590000
*78-63-7	See: MO1835000
*78-63-7	See: MO1837000
*78-67-1	See: UG0800000
*78-69-3	See: RH0905000
*78-70-6	See: RG5775000
*78-71-7	See: RQ6826000
78-72-8	See: MP0175000
*78-75-1	See: TX8574000
*78-76-2	See: EJ6228000
*78-77-3	See: TX4140000
*78-78-4	See: EK4430000
*78-79-5	See: NT4037000
78-80-8	See: EN0960000
*78-81-9	See: NP9900000
*78-82-0	See: TZ4900000
*78-83-1	See: NP9625000
*78-84-2	See: NQ4025000
*78-85-3	See: OZ2625000
*78-86-4	See: EJ6475000
*78-87-5	See: TX9625000
*78-88-6	See: UC8400000
*78-89-7	See: UA8925000
*78-90-0	See: TX6650000
*78-92-2	See: EO1750000
*78-93-3	See: EL6475000
*78-94-4	See: EM9800000
*78-95-5	See: UC0700000
*78-96-6	See: UA5775000
*78-97-7	See: OD8225000
*78-98-8	See: UZ0700000
*78-99-9	See: TX9450000
*79-00-5	See: KJ3150000
*79-01-6	See: KX4550000
79-02-7	See: AB2710000
*79-03-8	See: UG6657000
*79-04-9	See: AO6475000
79-05-0	See: UE2975000
*79-06-1	See: AS3325000
79-07-2	See: AB5075000
*79-08-3	See: AF5955000
*79-08-3	See: AF5950000
*79-09-4	See: UE5950000
*79-10-7	See: AS4375000
*79-11-8	See: AF8575000
79-14-1	See: MC5250000
*79-16-3	See: AC5960000
*79-17-4	See: ME8225000
*79-19-6	See: VT4200000
*79-20-9	See: AI9100000
*79-21-0	See: SD8750000
*79-21-0	See: SD8927100
*79-22-1	See: FG3675000
*79-24-3	See: KI5600000
*79-27-6	See: KI8225000
*79-29-8	See: EJ9350000
*79-30-1	See: NQ5630000
*79-31-2	See: NQ4375000
*79-34-5	See: KI8575000
*79-35-6	See: KV9470000
*79-36-7	See: AO6650000
*79-38-9	See: KV0525000
*79-39-0	See: UC6475000
79-40-3	See: RP1575000
*79-41-4	See: OZ2975000
*79-42-5	See: UF5250000
*79-43-6	See: AG6125000
*79-44-7	See: FD4200000
79-45-8	See: EZ9449000
*79-46-9	See: TZ5250000
*79-47-0	See: UC8060000
79-52-7	See: UC3850000
79-53-8	See: UC1050000
79-55-0	See: TN2190000
*79-57-2	See: QI7875000
*79-58-3	See: WF0300000
*79-64-1	See: BV8510000
79-69-6	See: EN0335000
*79-74-3	See: MX6300000
*79-78-7	See: MI5550000
*79-81-2	See: VH6860000
*79-83-4	See: RU4729000
*79-90-3	See: BQ8343000
*79-92-5	See: EX1055000
*79-93-6	See: EK1050000
79-95-8	See: SL6250000
79-96-9	See: SK8300000
79-97-0	See: GP1750000
*80-00-2	See: WR5775000
*80-05-7	See: SL6300000
*80-06-8	See: DC7875000
80-07-9	See: WR3450000
*80-08-0	See: BY8925000
80-09-1	See: SM8925000
*80-10-4	See: VV3190000
*80-11-5	See: XT5950000
*80-12-6	See: JO6300000
80-13-7	See: DG8050000
*80-15-9	See: MX2450000
*80-25-1	See: OS9540000
*80-26-2	See: OT0200000
*80-33-1	See: DB5250000
*80-35-3	See: WP0400000
*80-38-6	See: DB5600000
*80-40-0	See: XT6825000
80-41-1	See: XT6475000
*80-43-3	See: SD8150000
*80-46-6	See: SM6825000
*80-47-7	See: OS9450000
*80-48-8	See: XT7000000
*80-49-9	See: MS9000000
*80-50-2	See: YM3710000
*80-52-4	See: OS8925000
*80-54-6	See: MW4895000
*80-56-8	See: DT7000000
*80-58-0	See: ES7875000
*80-59-1	See: GQ5430000
*80-62-6	See: OZ5075000
80-63-7	See: AS6380000
*80-71-7	See: GY7298000
80-73-9	See: NJ0660000
*80-77-3	See: XJ1050000
80-81-9	See: QK3880500
80-91-1	See: TU4157110
80-92-2	See: TU4157100
*80-99-9	See: FZ7000000
81-04-9	See: QJ5900000
*81-07-2	See: DE4200000
*81-11-8	See: WJ6603000
*81-13-0	See: ES4316000
*81-15-2	See: CZ7210000
81-16-3	See: QK1250000
81-20-9	See: ZE4686000
81-21-0	See: PB96252C0
81-23-2	See: FZ2300000
*81-24-3	See: WX0350000
*81-25-4	See: FZ9350000
81-26-5	See: DT3750000
*81-30-1	See: QK3695000
81-45-8	See: CV2444000
81-46-9	See: CU8998000
81-48-1	See: CB7700000
*81-49-2	See: CB5500000
81-51-6	See: CB5550000
81-54-9	See: CB8200000
*81-55-0	See: CB6700000
81-60-7	See: CB8070000
81-61-8	See: CB8069900
81-64-1	See: CB6600000
*81-81-2	See: GN4550000
*81-82-3	See: GN4830000
*81-84-5	See: QK5350000
*81-88-9	See: BP3675000
*81-93-6	See: SG1630000
81-96-9	See: CX5077000
81-98-1	See: CX5081000
*82-02-0	See: LV1050000
*82-05-3	See: CX5075000
*82-08-6	See: AM6913800
82-15-5	See: CB2530000
82-21-3	See: CB6980000
*82-22-4	See: CB7780000
*82-28-0	See: CB5740000
82-33-7	See: CB6490000
82-34-8	See: CB7940000
82-35-9	See: CB6950000
82-43-9	See: CB6496000
82-44-0	See: CB6150000
*82-45-1	See: CB5075000
82-46-2	See: CB6495000
82-48-4	See: CB0554000
*82-57-5	See: LV1420000
82-62-2	See: SM5080000
82-63-3	See: CB1800000
*82-66-6	See: NK5600000
*82-68-8	See: DA6650000
*82-71-3	See: VH3540000
82-82-6	See: NS1800000

BEST COPY AVAILABLE

CAS No.	RTECS No.
82-89-3	See: DW2977000
*82-92-8	See: TL6475000
*82-93-9	See: TL1925000
82-95-1	See: TL0260000
82-98-4	See: AH2900000
83-05-6	See: AF5475000
*83-07-8	See: CD2480000
*83-12-5	See: NK6125000
83-14-7	See: RY0350000
*83-26-1	See: NK6300000
83-28-3	See: NK5775000
83-29-4	See: CQ7171700
83-30-7	See: DH8750000
*83-34-1	See: NM0350000
83-40-9	See: GP3920000
83-42-1	See: XS9130000
*83-43-2	See: TU4146000
*83-44-3	See: FZ2100000
*83-46-5	See: WJ2600000
*83-54-5	See: VC8618000
83-56-7	See: QJ4740000
*83-59-0	See: QJ3440000
*83-63-6	See: AB4230000
83-64-7	See: QK1295000
*83-66-9	See: BZ8575000
*83-67-0	See: XH2275000
*83-70-5	See: QL3350000
*83-72-7	See: QL8200000
83-73-8	See: VC5775000
*83-79-4	See: DJ2800000
*83-86-3	See: NM7525000
*83-88-5	See: VJ1400000
*83-89-6	See: AR7700000
*83-93-2	See: CU3350000
*83-98-7	See: KR6120000
84-01-5	See: SN7875000
*84-02-6	See: SO3150000
84-04-8	See: NS4900000
*84-06-0	See: TL7300000
*84-08-2	See: SP4725000
*84-11-7	See: SF7875000
*84-12-8	See: SF8423000
*84-15-1	See: WZ6472000
*84-16-2	See: SL0560850
*84-17-3	See: SL0580000
*84-19-5	See: SL0590000
84-22-0	See: NJ4525000
*84-36-6	See: ZG0175000
*84-39-9	See: DR9808480
84-42-4	See: AB5080000
84-46-8	See: CB5450000
84-51-5	See: CB0525000
84-57-1	See: DB6040000
84-58-2	See: GU4825000
84-60-6	See: CB6675000
84-61-7	See: TI0889000
*84-65-1	See: CB4725000
*84-66-2	See: TI1050000
*84-68-4	See: DD0524000
*84-69-5	See: TI1225000
84-72-0	See: TI2060000
*84-74-2	See: TI0875000
*84-75-3	See: TI1100000
*84-76-4	See: TI1800000
*84-77-5	See: TI0900000
*84-79-7	See: QL8750000
84-80-0	See: QJ5800000
*84-82-2	See: UW7875000
*84-86-6	See: QK1270000
*84-96-8	See: SO5700000
*84-97-9	See: SP1140000
*85-00-7	See: JM5690000
*85-01-8	See: SF7175000
*85-02-9	See: DK1428000
85-10-9	See: VB2600000
85-16-5	See: DG9290000
85-24-5	See: DJ1225000
85-31-4	See: UP0200000
*85-32-5	See: MF9283000
*85-34-7	See: AJ8750000
*85-36-9	See: DG0887000
85-38-1	See: VO5300000
85-40-5	See: GW4660000
85-41-6	See: TI3920000
*85-43-8	See: GW5775000
*85-44-9	See: TI3150000
*85-57-4	See: DH1950000
85-60-9	See: GO7050000
*85-68-7	See: TH9990000
*85-70-1	See: TI0535000
*85-71-2	See: TI2625000
*85-72-3	See: TH8500000
85-73-4	See: TH8575000
*85-79-0	See: GD3150000
*85-81-4	See: VC0365000
*85-82-5	See: QL5950000
*85-83-6	See: QL5775000
*85-84-7	See: QM4725000
*85-86-9	See: QK4250000
*85-91-6	See: CB3500000
85-98-3	See: FE0350000
86-00-0	See: DV5530000
*86-01-1	See: MF8793000
*86-12-4	See: TN1400000
86-13-5	See: YM3100000
86-14-6	See: BA6300000
86-21-5	See: US9625000
86-24-8	See: KR4620000
*86-26-0	See: BZ8835000
*86-29-3	See: AL9800000
*86-30-6	See: JJ9800000
*86-34-0	See: WN3325000
*86-35-1	See: MU2450000
*86-40-8	See: AR9625000
86-43-1	See: DG3060000
86-47-5	See: VB1950000
*86-50-0	See: TE1925000
86-51-1	See: YX5089000
86-52-2	See: QJ2800000
*86-54-4	See: TH8925000
86-56-6	See: QM2825000
*86-57-7	See: QJ9720000
*86-60-2	See: QK1271000
*86-65-7	See: QJ6132000
86-72-6	See: SK2230000
*86-73-7	See: LL5670000
*86-74-8	See: FE3150000
*86-75-9	See: VC4440000
*86-85-1	See: OW7000000
*86-86-2	See: QJ0590000
*86-87-3	See: QJ0875000
*86-88-4	See: YT9275000
86-92-0	See: UQ9680000
86-93-1	See: XF7700000
86-95-3	See: VB7877500
*86-96-4	See: VA1390000
86-97-5	See: QL3330000
86-98-6	See: VB4200000
87-00-3	See: YM5600000
87-01-4	See: GN6650000
87-02-5	See: QK1295500
87-08-1	See: RY4025000
87-09-2	See: XI0100000
*87-10-5	See: VN8925000
*87-11-6	See: JP1355000
87-12-7	See: VN8225000
*87-19-4	See: VO4320000
*87-20-7	See: VO4375000
87-21-8	See: CB3850000
*87-25-2	See: DG2448000
*87-29-6	See: CB2725000
*87-31-0	See: DM2600000
87-33-2	See: LZ4385000
*87-39-8	See: BA4225000
*87-42-3	See: UO7520000
*87-44-5	See: DT8400000
*87-47-8	See: FA2450000
*87-48-9	See: NL7875000
*87-51-4	See: NL3150000
87-52-5	See: NL7525000
87-54-7	See: MT8750000
*87-56-9	See: AS7700000
*87-59-2	See: ZE8750000
87-60-5	See: XU4760000
*87-61-6	See: DC2095000
*87-62-7	See: ZE9275000
87-63-8	See: XU5100000
87-64-9	See: GO7120100
*87-65-0	See: SK8750000
*87-66-1	See: UX2800000
*87-68-3	See: EJ0700000
87-69-4	See: WW7875000
*87-85-4	See: DA3200000
*87-86-5	See: SM6300000
87-87-6	See: MX7700000
*87-90-1	See: XZ1925000
87-97-8	See: SK8350000
*87-99-0	See: ZF0800000
88-04-0	See: ZE6850000
*88-05-1	See: BZ0700000
*88-06-2	See: SN1575000
*88-09-5	See: ET1400000
*88-10-8	See: FD4025000
*88-12-0	See: UY6107000
*88-13-1	See: XM8330300
88-14-2	See: LV1763000
88-15-3	See: OB6300000
*88-16-4	See: XS9144000
*88-17-5	See: XU9210000
88-18-6	See: SJ8921000
*88-19-7	See: XT4900000
*88-24-4	See: SL9800000
88-26-6	See: DO0750000
*88-29-9	See: AL3031000
88-30-2	See: GP3520000
88-35-7	See: DB5043000
*88-44-8	See: XT6320000
88-51-7	See: XT6330000
88-58-4	See: MX5160000
88-61-9	See: ZE5075000
88-62-0	See: XT6327000
88-63-1	See: DB5900000
*88-64-2	See: AE7050000
88-67-5	See: DH2975000
*88-69-7	See: SL5900000
*88-72-2	See: XT3150000
*88-73-3	See: CZ0875000
*88-74-4	See: BY6650000
*88-75-5	See: SM2100000
*88-82-4	See: DH9275000
*88-84-6	See: ME6344000
*88-85-7	See: SJ9800000
88-86-8	See: DG7875000
88-88-0	See: CZ1225900
*88-89-1	See: TJ7875000
*88-89-1	See: TJ7877000
*88-96-0	See: CZ2200000
*88-99-3	See: TH9625000
89-02-1	See: DB6500000
89-05-4	See: DB9275000
89-19-0	See: TI0527000
*89-25-8	See: UQ9625000
89-32-7	See: DB9300000
89-37-2	See: FA0350000
*89-52-1	See: CB2455000
89-55-4	See: VO1850000
*89-57-6	See: VO1400000
*89-61-2	See: CZ5260000
*89-63-4	See: BX1575000
89-69-0	See: DC2275000
*89-72-5	See: SJ8920000
89-73-6	See: VO6870000
*89-78-1	See: OT0350000
*89-80-5	See: OS9542200
*89-81-6	See: OT0257000
89-82-7	See: OT0261000
*89-83-8	See: XP2275000
89-84-9	See: AM7525000
*89-86-1	See: VH3708050
89-93-0	See: DP5800000
*89-94-1	See: GW3150000
89-98-5	See: CU5075000
*90-00-6	See: SL4025000
*90-01-7	See: DO6430000
*90-02-8	See: VN5250000
*90-03-9	See: OW0350000
*90-04-0	See: BZ5410000
*90-05-1	See: SL7525000
*90-12-0	See: QJ9630000
*90-13-1	See: QJ2100000
*90-15-3	See: QL2800000
90-16-4	See: DM0800000
*90-17-5	See: AJ8375000
90-19-7	See: LK8748000
90-20-0	See: QJ6180000
*90-22-2	See: BP7600000
90-26-6	See: ES4955000
*90-27-7	See: ET5957500
*90-30-2	See: QM4500000
90-33-5	See: GN7000000
*90-34-6	See: VA9650000
*90-39-1	See: WG5950000
*90-41-5	See: DU8850000
90-42-6	See: DT7400000
*90-43-7	See: DV5775000
*90-45-9	See: AR7300000
90-46-0	See: ZD5710000
90-47-1	See: ZD5711000
*90-49-3	See: YU1225000
90-52-8	See: VA9635000
90-64-2	See: OO6300000
*90-65-3	See: MM2625000
*90-69-7	See: OJ8480000
90-72-2	See: SN3500000
*90-82-4	See: UL5800000
90-84-6	See: UG9450000
*90-87-9	See: MU6480000
90-90-4	See: DJ0350000
*90-94-8	See: DJ0250000
90-98-2	See: DJ0525000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CAS No.	RTECS No.
*91-01-0	See: DC7452000
91-02-1	See: OB6400000
*91-08-7	See: CZ6310000
91-10-1	See: SL0900000
*91-15-6	See: TI8575000
*91-16-7	See: CZ6475000
*91-17-8	See: QJ3150000
91-19-0	See: VD1225000
*91-20-3	See: QJ0525000
91-21-4	See: NX4900000
*91-22-5	See: VA9275000
*91-23-6	See: BZ8790000
*91-33-8	See: DK8400000
91-40-7	See: CB3730000
91-44-1	See: GN6370000
*91-46-3	See: SI7776000
91-49-6	See: AD9800000
*91-51-0	See: CB2559200
*91-53-2	See: VB8225000
*91-55-4	See: NL7185000
*91-56-5	See: NL7873000
*91-57-6	See: QJ9635000
*91-58-7	See: QJ2275000
*91-59-8	See: QM2100000
91-60-1	See: QK3930000
*91-62-3	See: VC0550000
*91-63-4	See: UZ9625000
*91-64-5	See: GN4200000
*91-66-7	See: BX3400000
*91-71-4	See: DH3400900
*91-75-8	See: NJ2000000
91-76-9	See: XY7000000
*91-79-2	See: UT1575000
*91-80-5	See: UT1400000
*91-81-6	See: US2800000
*91-84-9	See: UT0875000
*91-85-0	See: UV8575000
*91-89-4	See: RZ2475000
*91-93-0	See: NQ8800000
*91-94-1	See: DD0525000
*91-95-2	See: DV8750000
91-97-4	See: DV3960000
*91-99-6	See: KM3360000
*92-00-2	See: KK2420000
92-04-6	See: DV6650000
*92-06-8	See: WZ6470000
92-08-0	See: UH2800000
92-09-1	See: XU3290000
92-12-6	See: KR6475000
*92-13-7	See: TK1400000
92-15-9	See: BZ5600000
92-16-0	See: AE8291000
92-23-9	See: SA6125000
92-24-0	See: QI7605000
92-25-1	See: SG1650000
92-26-2	See: AR8750000
*92-31-9	See: SG1225000
*92-32-0	See: BQ1450000
*92-36-4	See: DL2760000
92-39-7	See: SN7580000
92-43-3	See: UQ8750000
92-44-4	See: QJ4750000
*92-48-8	See: GN7792000
*92-49-9	See: BX1300000
*92-52-4	See: DU8050000
92-53-5	See: QE8575000
*92-54-6	See: TM2625000
*92-59-1	See: DP5260000
92-61-5	See: GN6930000
*92-62-6	See: AR8670000
*92-67-1	See: DU8925000
*92-69-3	See: DV5850000
92-70-6	See: QL1755000
92-71-7	See: RP6825000
92-81-9	See: AR6950000
*92-82-0	See: SG1360000
92-83-1	See: ZD5520000
*92-84-2	See: SN5075000
*92-87-5	See: DC9625000
*92-88-6	See: DV4725000
*92-93-3	See: DV5600000
*92-94-4	See: WZ6475000
93-01-6	See: QK1820000
93-05-0	See: SS9275000
*93-08-3	See: AL2988000
*93-09-4	See: QL1050000
93-10-7	See: UZ9100000
*93-14-1	See: TY8400000
*93-15-2	See: CY2450000
*93-16-3	See: CZ7000000
*93-17-4	See: AL9325000
*93-18-5	See: QJ6900000
*93-19-6	See: VC0245000
*93-23-2	See: NX5250000
93-26-5	See: AE8280000
*93-28-7	See: SJ4550000
*93-29-8	See: SL7940000
93-35-6	See: GN6820000
93-40-3	See: AH0675000
93-45-8	See: SM1750000
*93-46-9	See: ST2100000
*93-50-5	See: BZ6255000
93-52-7	See: CZ1800100
*93-53-8	See: CY1460000
*93-54-9	See: DO5470000
*93-55-0	See: UG7175000
*93-58-3	See: DH3850000
*93-59-4	See: SD9280000
93-60-7	See: QT1925000
93-62-9	See: AI1925000
*93-65-2	See: UE9750000
93-68-5	See: AK6550000
93-70-9	See: AK4300000
*93-71-0	See: AB5250000
*93-72-1	See: UF8225000
*93-75-4	See: FG2700000
*93-76-5	See: AJ8400000
*93-78-7	See: AJ8575000
*93-79-8	See: AJ8485000
93-80-1	See: ET6600000
*93-88-9	See: SH4935000
*93-89-0	See: DH0200000
*93-90-3	See: KL7175000
*93-96-9	See: KN3350000
93-99-2	See: DH6299500
*94-01-9	See: VH0590000
*94-02-0	See: AF4878000
*94-04-2	See: MO7875000
*94-07-5	See: DO7350000
94-09-7	See: DG2450000
94-10-0	See: ST2500000
*94-11-1	See: AG8750000
94-12-2	See: DG3090000
*94-13-3	See: DH2800000
94-14-4	See: DG2955000
*94-15-5	See: UB1575000
*94-17-7	See: SD7877000
*94-17-7	See: SD7875000
*94-20-2	See: YS6650000
*94-24-6	See: DG4725000
*94-25-7	See: DG1530000
*94-26-8	See: DH1980000
94-28-0	See: MO7725000
*94-30-4	See: BZ4697000
*94-35-9	See: KI2625000
*94-36-0	See: DM8576200
*94-36-0	See: DM8577000
*94-36-0	See: DM8578000
*94-36-0	See: DM8579000
*94-36-0	See: DM8575000
*94-36-0	See: DM8576000
*94-37-1	See: JO1585000
94-41-7	See: FL6900000
*94-44-0	See: QT0850000
*94-46-2	See: DH3078000
*94-47-3	See: DH6288000
*94-51-9	See: UB8787500
*94-52-0	See: DD9800000
*94-58-6	See: DA6125000
*94-59-7	See: CY2800000
*94-62-2	See: TN2321500
*94-63-3	See: UU4375000
94-67-7	See: VN5775000
*94-68-8	See: XU6440000
*94-70-2	See: SI6465300
*94-74-6	See: AG1575000
*94-75-7	See: AG6825000
94-76-8	See: AF9585000
*94-78-0	See: US7700000
*94-80-4	See: AG8050000
*94-81-5	See: ES8575000
*94-82-6	See: ES9100000
94-83-7	See: KK4550000
*94-84-8	See: KK4950000
94-86-0	See: SL3850000
94-91-7	See: GP3130000
94-93-9	See: SL3780000
*94-96-2	See: MO2625000
*95-04-5	See: YT2800000
95-05-6	See: WQ1660000
*95-06-7	See: EZ5075000
95-08-9	See: ET1575000
95-11-4	See: RB7930000
*95-13-6	See: NK8225000
*95-14-7	See: DM1225000
95-16-9	See: DL0875000
95-19-2	See: NJ2985000
95-21-6	See: DM4850000
95-24-9	See: DL1575000
*95-25-0	See: DM5250000
95-26-1	See: DL3675000
95-29-4	See: DL6330000
95-30-7	See: EZ4950000
*95-31-8	See: DL6200000
95-32-9	See: DL5800000
*95-33-0	See: DL6250000
95-35-2	See: YS2000000
*95-38-5	See: NJ2800000
*95-39-6	See: AT3850000
*95-41-0	See: GY7290000
*95-45-4	See: EK2975000
95-46-5	See: XS7965500
*95-47-6	See: ZE2450000
*95-48-7	See: GO6300000
*95-49-8	See: XS9000000
*95-50-1	See: CZ4500000
*95-51-2	See: BX0525000
*95-52-3	See: XT2579000
*95-53-4	See: XU2975000
*95-54-5	See: SS7875000
*95-55-6	See: SJ4950000
*95-56-7	See: SJ7875000
*95-57-8	See: SK2625000
*95-63-6	See: DC3J25000
*95-64-7	See: ZE9450000
*95-65-8	See: ZE6300000
*95-68-1	See: ZE8925000
*95-69-2	See: XU5000000
*95-70-5	See: XS9700000
*95-71-6	See: MX6700000
*95-74-9	See: XU5111000
*95-76-1	See: BX2625000
*95-78-3	See: ZE9100000
*95-79-4	See: XU5075000
*95-80-7	See: XS9625000
95-82-9	See: BX2610000
*95-83-0	See: SS8850000
*95-85-2	See: SJ5700000
95-86-3	See: SK7530000
*95-87-4	See: ZE5775000
*95-88-5	See: VH0450000
*95-92-1	See: RO2800000
95-93-2	See: DC0500000
*95-94-3	See: DB9450000
*95-95-4	See: SN1400000
95-99-8	See: RO5600000
*96-05-9	See: UD3483000
*96-08-2	See: OS9100000
*96-09-3	See: CZ9625000
*96-10-6	See: BD0558000
96-11-7	See: TZ8300000
*96-12-8	See: TX8750000
*96-13-9	See: UB0175000
*96-14-0	See: SA2995500
*96-17-3	See: ES3400000
*96-18-4	See: TZ9275000
96-19-5	See: UD2450000
*96-20-8	See: EK9625000
96-21-9	See: UB0200000
*96-22-0	See: SA8050000
*96-23-1	See: UB1400000
*96-24-2	See: TY4025000
*96-26-4	See: UC1645000
96-27-5	See: TY8140000
*96-29-7	See: EL9275000
96-30-0	See: AB5775000
*96-31-1	See: YS9868000
*96-32-2	See: AF6300000
*96-33-3	See: AT2800000
*96-3[illegible]-4	See: AF9500000
*96-37-7	See: GY4640000
*96-41-3	See: GY4702000
96-43-5	See: XM8575000
*96-45-7	See: NI9625000
96-47-9	See: LU2800000
*96-48-0	See: LU3500000
*96-49-1	See: FF9550000
*96-50-4	See: XJ2100000
96-51-5	See: XJ7000000
96-53-7	See: XJ6122000
*96-64-0	See: TA8750000
*96-66-2	See: GP3200000
96-67-3	See: OY2357500
*96-69-5	See: GP3150000
96-75-3	See: DB5000000
*96-76-4	See: SK8260000
*96-80-0	See: KK5950000
*96-83-3	See: MW5075000
*96-84-4	See: MW5280000
96-88-8	See: TK6300000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
96-91-3	See: SJ5800000
96-93-5	See: DB4900000
96-96-8	See: BY4415000
96-99-1	See: DG5425050
*97-00-7	See: CZ0525000
*97-02-9	See: BX9100000
97-05-2	See: VO6500000
97-11-0	See: GZ1570000
*97-16-5	See: SK9100000
*97-17-6	See: TF0350000
*97-18-7	See: SN0525000
97-22-3	See: XT0430000
*97-23-4	See: SM0175000
97-24-5	See: SN0350000
*97-27-8	See: AB6551000
97-36-9	See: AK4585000
*97-39-2	See: MF1400000
*97-42-7	See: OS8500000
*97-44-9	See: CF8400000
*97-45-0	See: OS8525000
97-52-9	See: BZ7170000
*97-53-0	See: SJ4375000
*97-54-1	See: SL7875000
*97-56-3	See: XU8800000
*97-61-0	See: YV7700000
*97-62-1	See: NQ4675000
*97-63-2	See: OZ4550000
*97-64-3	See: OD5075000
*97-72-3	See: NQ5550000
*97-74-5	See: WQ1750000
*97-77-8	See: JO1225000
*97-81-4	See: RP5550000
97-84-7	See: EJ7525000
*97-85-8	See: NQ5250000
*97-86-9	See: OZ4900000
*97-88-1	See: OZ3675000
*97-90-5	See: OZ4400000
*97-93-8	See: BD2050000
97-94-9	See: ED2100000
*97-95-0	See: EL3850000
*97-96-1	See: ES2625000
*97-99-4	See: LU2450000
*98-00-0	See: LU9100000
*98-01-1	See: LT7000000
*98-02-2	See: LU2100000
98-03-3	See: XM8225000
*98-04-4	See: BT2450000
*98-05-5	See: CY3150000
*98-06-6	See: CY9120000
*98-07-7	See: XT9275000
*98-08-8	See: XT9450000
*98-09-9	See: DB8750000
*98-10-2	See: DA9380000
98-11-3	See: DB4200000
*98-12-4	See: VV2890000
*98-13-5	See: VV6650000
*98-14-6	See: CY5075000
*98-15-7	See: XS9143000
*98-16-8	See: XU9180000
98-17-9	See: GP3510000
98-19-1	See: ZE3900000
*98-29-3	See: UX1400000
98-44-2	See: CZ9250000
*98-46-4	See: XT3500000
98-47-5	See: DB7190000
*98-50-0	See: CF7875000
*98-51-1	See: XS8400000
*98-52-2	See: GV8750000
*98-53-3	See: GW1140000
*98-54-4	See: SJ8925000
98-55-5	See: WZ6700000
*98-56-6	See: XS9145000
98-57-7	See: WR5730000
98-60-2	See: DB8925000
98-64-6	See: DB1400000
98-71-5	See: DB6900000
*98-72-6	See: CY6125000
*98-73-7	See: DG4708000
98-77-1	See: TM5850000
98-80-6	See: CY8575000
98-81-7	See: WL3840000
*98-82-8	See: GR8575000
*98-83-9	See: WL5075300
*98-84-0	See: DP5775000
*98-85-1	See: DO9275000
*98-86-2	See: AM5250000
*98-87-3	See: CZ5075000
*98-88-4	See: DM6600000
98-89-5	See: GU8370000
98-91-9	See: DH6839000
*98-92-0	See: QS3675000
*98-94-2	See: GX1198000
*98-95-3	See: DA6475000
*98-96-4	See: UQ2275000
*98-98-6	See: TJ7344000
*99-03-6	See: AM5800000
99-04-7	See: XU1200000
*99-05-8	See: DG1225000
*99-06-9	See: DH1924980
*99-08-1	See: XT2975000
*99-09-2	See: BY6825000
*99-10-5	See: VH3708000
99-11-6	See: NS1400000
99-18-3	See: UL3420000
*99-24-1	See: LW8000000
99-28-5	See: SK8025000
*99-30-9	See: BX2975000
99-32-1	See: UP7350000
99-33-2	See: DM6637000
*99-35-4	See: DC3850000
99-45-6	See: AM8050000
99-47-8	See: AM6650000
*99-48-9	See: OS8400000
*99-49-0	See: OS8575000
99-50-3	See: UL0560000
99-53-6	See: GP2700000
99-54-7	See: CZ5250000
*99-55-8	See: XU8225000
*99-56-9	See: ST2975000
*99-57-0	See: SJ6300000
*99-59-2	See: BZ7175000
99-60-5	See: DG5425000
99-61-6	See: CU7250000
99-62-7	See: CZ6334000
*99-63-8	See: NT2625000
*99-65-0	See: CZ7350000
*99-66-1	See: YV7875000
*99-67-2	See: SB2990000
*99-72-9	See: UE2700000
*99-73-0	See: AM6950000
*99-75-2	See: XU2150000
*99-76-3	See: DH2450000
99-77-4	See: DH5600000
99-79-6	See: YQ2550000
*99-80-9	See: BX9350000
*99-83-2	See: OS8080000
*99-85-4	See: OS8070000
*99-86-5	See: OS8060000
*99-87-6	See: GZ5950000
*99-89-8	See: SL5950000
*99-91-2	See: KM5600000
99-92-3	See: AM5500000
99-93-4	See: AM8750000
99-94-5	See: XU1575000
*99-96-7	See: DH1925000
*99-97-8	See: XU5803000
99-98-9	See: ST0874000
*99-99-0	See: XT3325000
*100-00-5	See: CZ1050000
*100-01-6	See: BY7000000
*100-02-7	See: SM2275000
100-03-8	See: DA9110000
*100-06-1	See: AM9240000
*100-07-2	See: CA0270000
*100-10-7	See: CU5775000
*100-14-1	See: XS9093000
*100-16-3	See: MV8225000
*100-17-4	See: BZ8800000
100-18-5	See: CZ6360000
*100-19-6	See: AM9627000
100-20-9	See: WZ1797000
*100-21-0	See: WZ0875000
100-22-1	See: ST4200000
*100-25-4	See: CZ7525000
*100-29-8	See: DA0600000
100-32-3	See: JO1550000
100-33-4	See: CV6475000
*100-35-6	See: YE0700000
*100-36-7	See: KV3500000
*100-37-8	See: KK5075000
*100-38-9	See: KJ0525000
*100-39-0	See: XS7965000
*100-40-3	See: GW8650000
*100-41-4	See: DA0700000
*100-42-5	See: WL3675000
*100-44-7	See: XS8925000
*100-45-8	See: GW2625000
*100-47-0	See: DI2450000
100-49-2	See: GV5075000
*100-50-5	See: GW2800000
*100-51-6	See: DN3150000
*100-52-7	See: CU4375000
*100-53-8	See: XT8650000
100-54-9	See: QT3030000
100-55-0	See: UT4690000
*100-56-1	See: OW1400000
*100-57-2	See: OW4940000
*100-61-8	See: BY4550000
*100-63-0	See: MV8925000
*100-64-1	See: GW1925000
100-65-2	See: NC4900000
*100-66-3	See: BZ8050000
100-68-5	See: DA6200000
*100-72-1	See: UQ0175000
*100-73-2	See: UP6825000
*100-74-3	See: QE4025000
*100-75-4	See: TN2100000
*100-79-8	See: JI0400000
*100-80-1	See: WL5075800
100-85-6	See: BO8575000
*100-86-7	See: SG8050000
100-88-9	See: GV6950000
*100-89-0	See: SA1225000
*100-92-5	See: SI3675000
*100-95-8	See: BO7525000
*100-97-0	See: MN4725000
*100-99-2	See: BD2203500
101-00-8	See: ED5787000
101-01-9	See: MF6825000
*101-02-0	See: TH1575000
*101-05-3	See: XY7175000
*101-07-5	See: KJ7875000
*101-14-4	See: CY1050000
101-20-2	See: FE1250000
*101-21-3	See: FD8050000
*101-25-7	See: XA5250000
*101-26-8	See: UU5270000
*101-27-9	See: FD7700000
101-31-5	See: NH0875000
101-33-7	See: MN7400000
*101-37-1	See: XZ2080000
101-38-2	See: GU5470000
*101-39-3	See: GD6600000
101-40-6	See: GV1550000
*101-41-7	See: AJ3175000
*101-42-8	See: YT1450000
*101-48-4	See: AB3040000
*101-49-5	See: JH6768000
101-50-8	See: DB5030000
*101-54-2	See: ST3150000
101-59-7	See: WP9640000
*101-61-1	See: BY5250000
101-67-7	See: JJ8850000
*101-68-8	See: NQ9350000
101-70-2	See: DU9085000
*101-72-4	See: ST2650000
*101-73-5	See: JJ9500000
101-75-7	See: JK0185000
101-76-8	See: PA3925000
*101-77-9	See: BY5425000
*101-79-1	See: BX1770000
*101-80-4	See: BY7900000
101-81-5	See: PA8990000
*101-83-7	See: HY4025000
*101-84-8	See: KN8970000
*101-85-9	See: MJ3280000
*101-86-0	See: GD6560000
101-87-1	See: ST3500000
*101-90-6	See: VH1050000
101-92-8	See: AK4375000
*101-93-9	See: AD0350000
101-96-2	See: SS9040000
*101-97-3	See: AJ2824000
*101-99-5	See: FD8925000
102-01-2	See: AK4200000
102-02-3	See: DU2450000
102-03-4	See: YR7070000
*102-06-7	See: MF0875000
102-07-8	See: FD9800000
*102-08-9	See: FE1225000
*102-09-0	See: FG0500000
*102-17-0	See: AJ3000000
*102-19-2	See: AJ2945000
*102-20-5	See: AJ3255000
102-24-9	See: ED8720000
*102-27-2	See: XU6400000
102-28-3	See: AD8050000
*102-29-4	See: VH2750000
102-30-7	See: BP6480000
102-32-9	See: AH0590000
102-36-3	See: NQ8760000
102-45-4	See: KR3516000
*102-50-1	See: BZ6730000
*102-54-5	See: LK0700000
102-56-7	See: BX4375000
102-58-9	See: RH3423000
*102-60-3	See: UB5604000
102-62-5	See: AK3500000
*102-67-0	See: BD2208000
*102-69-2	See: TX1575000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CAS No.	RTECS No.
*102-70-5	See: XX5950000
*102-71-6	See: KL9475000
*102-76-1	See: AK3675000
*102-77-2	See: DL5950000
*102-79-4	See: KK0525000
*102-81-8	See: KK3850000
*102-82-9	See: YA0350000
102-83-0	See: TX7175000
*102-85-2	See: TH0875000
103-00-4	See: UA9625000
*103-03-7	See: FD0575000
*103-05-9	See: EL5785000
*103-07-1	See: AH1847000
103-08-2	See: RA7700000
*103-09-3	See: AH5400000
*103-11-7	See: AT0855000
103-14-0	See: SJ7580000
*103-16-2	See: SJ7700000
*103-17-3	See: WQ2975000
103-18-4	See: SJ6350000
*103-23-1	See: AU9700000
103-24-2	See: CM2000000
*103-26-4	See: GE0190000
*103-27-5	See: OW9100000
*103-28-6	See: NQ4550000
*103-29-7	See: DT4375000
*103-30-0	See: WJ4926500
*103-33-3	See: CN1400000
*103-34-4	See: QE3325000
103-36-6	See: GD9010000
*103-37-7	See: ES7350000
*103-38-8	See: NY1415000
*103-41-3	See: GD8400000
*103-44-6	See: KO0175000
*103-45-7	See: AJ2220000
*103-48-0	See: NQ5435000
*103-50-4	See: DQ6125000
*103-52-6	See: ET5956200
*103-53-7	See: GE0405000
*103-54-8	See: GE2275000
*103-56-0	See: GE2360000
*103-58-2	See: NQ5440000
*103-59-3	See: NQ4550000
*103-61-7	See: ES8815000
*103-64-0	See: WL3850000
*103-65-1	See: DA8750000
*103-69-5	See: BX9780000
103-70-8	See: BY1780000
*103-71-9	See: DA3675000
103-72-0	See: NX9275000
103-73-1	See: SI7700000
103-75-3	See: UP8925000
*103-76-4	See: TL6825000
*103-79-7	See: UC3500100
*103-80-0	See: AO7000000
103-81-1	See: AC7705000
*103-82-2	See: AJ2430000
*103-83-3	See: DP4500000
*103-84-4	See: AD7350000
*103-85-5	See: YU1400000
103-88-8	See: AD9625000
103-89-9	See: AN2930000
*103-90-2	See: AE4200600
*103-93-5	See: NQ5460000
*103-95-7	See: MW4900000
*104-01-8	See: AI8960000
*104-03-0	See: AJ1130010
104-04-1	See: AE5075000
*104-06-3	See: AE3850000
*104-12-1	See: NQ8575000
104-13-2	See: BW9470000
*104-14-3	See: DN7350000
*104-15-4	See: XT6300000
*104-19-8	See: TL6125000
*104-27-8	See: SB3927000
104-29-0	See: TY4260000
104-31-4	See: DG4904500
*104-45-0	See: BZ9450000
*104-46-1	See: BZ8925000
104-47-2	See: AM0810000
*104-50-7	See: LU3562000
*104-51-8	See: CY9070000
*104-53-0	See: MW4890000
*104-54-1	See: GE2200000
*104-55-2	See: GD6475000
*104-57-4	See: LQ5400000
*104-61-0	See: LU[illegible]5000
*104-62-1	See: LU[illegible]0000
*104-64-3	See: UB9300000
*104-65-4	See: UD5530000
*104-67-6	See: YQ2485000
*104-68-7	See: KM0875000
*104-75-6	See: MQ5250000
*104-76-7	See: MP0350000
*104-78-9	See: TX7350000
*104-83-6	See: XT0720000
104-85-8	See: XV0700000
*104-89-2	See: TN0350000
*104-90-5	See: TJ6825000
104-91-6	See: SM4725000
104-92-7	See: BZ8501000
*104-93-8	See: BZ8780000
*104-94-9	See: BZ5450000
*104-98-3	See: NI3425200
*105-01-1	See: LU5755000
105-07-7	See: CU5250000
105-08-8	See: GU9800000
*105-10-2	See: ST0875000
*105-11-3	See: DK4900000
*105-13-5	See: DO8925000
105-14-6	See: SA8400000
105-18-0	See: ES1270000
*105-21-5	See: LU3697000
105-28-2	See: NJ3325000
105-30-6	See: SA7175000
105-31-7	See: MR0181000
105-34-0	See: AG4375000
*105-36-2	See: AF6000000
*105-37-3	See: UF3675000
105-38-4	See: UF8575000
*105-39-5	See: AF9110000
*105-40-8	See: FC2625000
*105-41-9	See: SC0800000
105-44-2	See: SA9450000
*105-45-3	See: AK5775000
*105-46-4	See: AF7380000
*105-46-6	See: AF9300000
*105-52-2	See: OM9950000
*105-53-3	See: OO0700000
*105-54-4	See: ET1660000
*105-55-5	See: YS9800000
*105-56-6	See: AG4110000
*105-57-7	See: AB2800000
*105-58-8	See: FF9800000
*105-59-9	See: KL7525000
*105-60-2	See: CM3675000
*105-64-6	See: SD9800000
*105-64-6	See: SD9810000
105-65-7	See: LQ7875000
105-66-8	See: ET6200000
*105-67-9	See: ZE5600000
105-68-0	See: NT0190000
*105-74-8	See: OF2625000
*105-74-8	See: OF2625500
*105-75-9	See: LT1225000
*105-76-0	See: ON0875000
*105-77-1	See: XM6860000
*105-79-3	See: MO8389000
*105-82-8	See: AB2827800
105-83-9	See: JL9625000
*105-85-1	See: RH3480000
*105-86-2	See: RG5925700
*105-87-3	See: RG5920000
*105-89-5	See: RH3490000
*105-91-9	See: RG5927910
*105-95-3	See: YQ1927500
*105-99-7	See: AV0900000
*106-11-6	See: WI4025000
*106-14-9	See: WI3850000
106-19-4	See: AV1740000
*106-20-7	See: IH6825000
*106-21-8	See: RH0900000
*106-22-9	See: RH3400000
*106-24-1	See: RG5830000
*106-25-2	See: RG5840000
*106-27-4	See: ET5034000
*106-31-0	See: ET7090000
*106-32-1	See: RH0680000
*106-34-3	See: VA4550000
*106-35-4	See: MJ5250000
*106-36-5	See: UF7100000
106-37-6	See: CZ1791000
*106-38-7	See: XS7965600
*106-40-1	See: BW9280000
*106-41-2	See: SJ7960000
*106-42-3	See: ZE2625000
*106-43-4	See: XS9010000
*106-44-5	See: GO6475000
106-45-6	See: XT8925000
*106-46-7	See: CZ4550000
*106-47-8	See: BX0700000
*106-48-9	See: SK2800000
*106-49-0	See: XU3150000
*106-50-3	See: SS8050000
*106-51-4	See: DK2625000
*106-54-7	See: DC1050000
*106-55-8	See: TL5950000
*106-58-1	See: TL5945000
106-59-2	See: TL3499100
*106-61-6	See: AK3600000
*106-63-8	See: AT2100000
*106-67-2	See: SA6825000
*106-68-3	See: RH1485000
*106-69-4	See: MO4650000
*106-70-7	See: MO8401400
106-71-8	See: AT1500000
*106-74-1	See: AS9800000
106-75-2	See: LQ6700000
*106-83-2	See: RG1575000
106-85-4	See: RN8760000
106-86-5	See: RN8770000
*106-87-6	See: RN8040000
*106-88-7	See: EK3675000
*106-89-8	See: TX4900000
*106-90-1	See: AS9275000
*106-91-2	See: OZ4375000
*106-92-3	See: RR0875000
*106-93-4	See: KH9275000
*106-94-5	See: TX4110000
*106-95-6	See: UC7090000
*106-96-7	See: UK4375000
*106-97-8	See: EJ4200000
*106-99-0	See: EI9275000
*107-00-6	See: ER9553000
*107-02-8	See: AS1050000
*107-03-9	See: TZ7300000
*107-04-0	See: KH6500000
*107-05-1	See: UC7350000
*107-06-2	See: KI0525000
*107-07-3	See: KK0875000
*107-08-4	See: TZ4100000
*107-09-5	See: KQ8090000
*107-10-8	See: UH9100000
*107-11-9	See: BA5425000
*107-12-0	See: UF9625000
*107-13-1	See: AT5250000
*107-14-2	See: AL8225000
*107-15-3	See: KH8575000
107-16-4	See: AM0350000
*107-18-6	See: BA5075000
*107-19-7	See: UK5075000
*107-20-0	See: AB2450000
*107-21-1	See: KW2975000
*107-22-2	See: MD2625000
*107-25-5	See: KO2300000
*107-27-7	See: OV9800000
*107-29-9	See: AB2975000
*107-30-2	See: KN6650000
*107-31-3	See: LQ8925000
*107-35-7	See: WX0175000
107-36-8	See: KI7700000
*107-37-9	See: VV1530000
*107-41-5	See: SA0810000
*107-43-7	See: DS5900000
*107-44-8	See: TA8400000
107-45-9	See: EO3850000
*107-46-0	See: JM9237000
*107-49-3	See: UX6825000
*107-49-3	See: UX7051000
107-58-4	See: AS3460000
107-61-9	See: RP4375000
*107-66-4	See: TB9605000
*107-69-7	See: FD1750000
*107-70-0	See: SA9185000
*107-71-1	See: SD8927200
*107-71-1	See: SD8927400
*107-71-1	See: SD8925000
*107-71-1	See: SD8927300
*107-72-2	See: VV4725000
*107-74-4	See: RG9605000
*107-75-5	See: RG7850000
*107-81-3	See: RZ9800000
*107-82-4	See: EJ6230000
*107-83-5	See: SA2995000
*107-87-9	See: SA7875000
*107-88-0	See: EK0440000
*107-89-1	See: ES3150000
107-91-5	See: AB5950000
*107-92-6	See: ES5425000
*107-94-8	See: UE8750000
107-96-0	See: UF5270000
*107-98-2	See: UB7700000
107-99-3	See: KQ9015000
*108-01-0	See: KK6125000
108-02-1	See: KJ1050000
*108-03-2	See: TZ5075000
*108-05-4	See: AK0875000
*108-09-8	See: EO4460000
*108-10-1	See: SA9275000
*108-11-2	See: SA7350000

CAS No.	RTECS No.
108-13-4	See: ON9125000
*108-16-7	See: UB3150000
*108-18-9	See: IM4025000
*108-20-3	See: TZ5425000
*108-21-4	See: AI4930000
*108-22-5	See: UD4200000
*108-23-6	See: LQ6475000
*108-24-7	See: AK1925000
*108-29-2	See: LU3580000
*108-30-5	See: WN0875000
*108-31-6	See: ON3675000
108-32-7	See: FF9650000
108-33-8	See: XI3500000
108-34-9	See: TC1750000
*108-35-0	See: TF3675000
108-36-1	See: CZ1790000
*108-38-3	See: ZE2275000
*108-39-4	See: GO6125000
*108-41-8	See: XS8990000
*108-42-9	See: BX0350000
*108-43-0	See: SK2450000
*108-44-1	See: XU2800000
*108-45-2	See: SS7700000
*108-46-3	See: VG9625000
108-50-9	See: UQ2975000
108-55-4	See: MA3850000
*108-57-6	See: CZ9450000
*108-58-7	See: VH0580000
*108-59-8	See: OO0950000
*108-60-1	See: KN1750000
*108-62-3	See: XF9900000
*108-64-5	See: NY1504000
108-65-6	See: AI8925000
*108-67-8	See: OX6825000
*108-68-9	See: ZE6475000
*108-69-0	See: ZE9625000
*108-70-3	See: DC2100100
*108-72-5	See: DC1951580
*108-73-6	See: SY1050000
108-74-7	See: XY9300000
*108-77-0	See: XZ1400000
*108-78-1	See: OS0700000
*108-80-5	See: XZ1800000
*108-82-7	See: MJ3325000
*108-83-8	See: MJ5775000
*108-84-9	See: SA7525000
*108-86-1	See: CY9000000
*108-87-2	See: GV6125000
*108-88-3	See: XS5250000
*108-89-4	See: UT5425000
*108-90-7	See: CZ0175000
*108-91-8	See: GX0700000
*108-93-0	See: GV7875000
*108-94-1	See: GW1050000
*108-95-2	See: SJ3325000
*108-98-5	See: DC0525000
*108-99-6	See: TJ5000000
*109-01-3	See: TM1225000
*109-02-4	See: QE5775000
109-04-6	See: US3850000
109-05-7	See: TN1240000
*109-06-8	See: TJ4900000
109-08-0	See: UQ3675000
*109-09-1	See: US5950000
109-12-6	See: UV6326000
*109-13-7	See: SE0557000
*109-13-7	See: SE0558000
*109-13-7	See: SE0560000
*109-16-0	See: OZ4100000
*109-19-3	See: NY1502000
*109-20-6	See: RG5927700
*109-21-7	See: ES8120000
*109-27-3	See: XF6900000
*109-29-5	See: RN9730000
*109-31-9	See: CM2100000
*109-42-2	See: YQ2978000
*109-43-3	See: VS1150000
109-46-6	See: YS8400000
*109-52-4	See: YV6100000
*109-53-5	See: KO1300000
109-55-7	See: TX7525000
*109-56-8	See: KL5080000
*109-57-9	See: YR8050000
*109-59-1	See: KL5075000
*109-60-4	See: AJ3675000
*109-61-5	See: LQ6830000
*109-62-6	See: OV6125000
*109-63-7	See: KX7375000
109-64-8	See: TX8575000
*109-65-9	See: EJ6225000
*109-66-0	See: RZ9450000
*109-69-3	See: EJ6300000
*109-70-6	See: TX4113000
109-71-7	See: UK4550000
*109-73-9	See: EO2975000
*109-74-0	See: ET8750000
*109-75-1	See: EM8050000
*109-76-2	See: TX6825000
*109-77-3	See: OO3150000
*109-78-4	See: MU5250000
*109-79-5	See: EK6300000
109-81-9	See: KV5250500
109-82-0	See: MC1925000
*109-83-1	See: KL6650000
*109-84-2	See: KL2800000
109-85-3	See: KR8750000
*109-86-4	See: KL5775000
*109-87-5	See: PA8750000
*109-89-7	See: HZ8750000
*109-90-0	See: NQ8825000
*109-92-2	See: KO0710000
*109-93-3	See: YZ6700000
*109-94-4	See: LQ8400000
*109-95-5	See: RA0810000
*109-97-7	See: UX9275000
*109-99-9	See: LU5950000
*110-00-9	See: LT8524000
*110-01-0	See: XN0370000
*110-02-1	See: XM7350000
*110-05-4	See: ER2450000
*110-12-3	See: MP3850000
*110-13-4	See: MO3150000
110-15-6	See: WM4900000
*110-16-7	See: OM9625000
*110-17-8	See: LS9625000
*110-18-9	See: KV7175000
*110-19-0	See: AI4025000
110-20-3	See: AL7175000
*110-22-5	See: AP8500000
*110-26-9	See: AS3678000
110-27-0	See: XB8600000
*110-32-7	See: AU9800000
*110-38-3	See: HD9420000
*110-40-7	See: VS1180000
*110-43-0	See: MJ5075000
*110-44-1	See: WG2100000
*110-45-2	See: NT0185000
110-46-3	See: NT0187500
110-48-5	See: UB6825000
*110-49-6	See: KL5950000
110-51-0	See: US3675000
110-52-1	See: EJ7565000
110-53-2	See: RZ9770000
*110-54-3	See: MN9275000
*110-57-6	See: EM4903000
110-59-8	See: YV8195000
*110-60-1	See: EJ6800000
*110-61-2	See: WN3850000
*110-62-3	See: YV3600000
110-63-4	See: EK0525000
*110-65-6	See: ES0525000
*110-66-7	See: SA3150000
*110-67-8	See: UG3150000
*110-68-9	See: EO5250000
*110-69-0	See: ES3500000
110-70-3	See: KV4250000
*110-71-4	See: KI1451000
*110-73-6	See: KK9100000
*110-74-7	See: LR0175000
*110-75-8	See: KN6300000
110-77-0	See: KL1225000
*110-78-1	See: NR0190000
*110-80-5	See: KK8050000
110-81-6	See: JO1925000
*110-82-7	See: GU6300000
*110-83-8	See: GW2500000
*110-85-0	See: TK7800000
*110-86-1	See: UR8400000
*110-87-2	See: UP7700000
*110-89-4	See: TM3500000
*110-91-8	See: QD6475000
*110-94-1	See: MA3740000
110-95-2	See: TX8400000
*110-96-3	See: TX1750000
*110-97-4	See: UB6600000
*110-98-5	See: UB8785000
111-10-4	See: RK0893000
*111-12-6	See: RI2735000
*111-13-7	See: RH1484000
*111-14-8	See: MJ1575000
*111-15-9	See: KK8225000
111-16-0	See: TK3677000
111-17-1	See: UF7990000
*111-20-6	See: VS0875000
*111-21-7	See: YE4950000
111-22-8	See: YE5500000
111-24-0	See: SA0320000
111-25-1	See: MO0925000
*111-26-2	See: MQ4540000
*111-27-3	See: MQ4025000
*111-28-4	See: MM3325000
111-29-5	See: SA0480000
*111-30-8	See: MA2450000
111-31-9	See: MO4550000
111-32-0	See: EL4550000
*111-34-2	See: KN5950000
*111-35-3	See: UB5075000
*111-36-4	See: NQ8250000
*111-40-0	See: IE1225000
*111-41-1	See: KJ6300000
*111-42-2	See: KL2975000
*111-43-3	See: UJ5125000
*111-44-4	See: KN0875000
111-45-5	See: KJ5425000
*111-46-6	See: ID5950000
*111-48-8	See: KM2975000
*111-49-9	See: CM3150000
*111-55-7	See: KW4025000
*111-60-4	See: WI4100000
*111-61-5	See: WI3600000
*111-65-9	See: RG8400000
*111-69-3	See: AV2625000
*111-70-6	See: MK0350000
111-71-7	See: MI6900000
111-73-9	See: EL3675000
*111-75-1	See: KK0175000
*111-76-2	See: KJ8575000
*111-77-3	See: KL6125000
*111-79-5	See: RA9470000
*111-80-8	See: RB3450000
*111-83-1	See: RG8575000
*111-84-2	See: RA6115000
111-86-4	See: RG8050000
*111-87-5	See: RH6550000
*111-90-0	See: KK8750000
*111-91-1	See: PA3675000
*111-92-2	See: HR7780000
*111-94-4	See: UG2975000
111-96-6	See: KN3339000
*111-97-7	See: UG4375000
112-03-8	See: BT1750000
*112-04-9	See: VV4680000
*112-05-0	See: RA6650000
*112-06-1	See: AH9901000
112-07-2	See: KJ8925000
112-09-4	See: MI0310000
*112-12-9	See: YQ2820000
*112-14-1	See: AJ1400000
*112-15-2	See: KK8925000
*112-18-5	See: JR6600000
*112-19-6	See: YQ2990000
*112-23-2	See: LQ8582000
*112-24-3	See: YE6650000
112-25-4	See: KL2450000
112-26-5	See: KH4900000
*112-27-6	See: YE4550000
112-29-8	See: HD6850000
*112-30-1	See: HE4375000
*112-31-2	See: HD6000000
*112-32-3	See: LQ9290000
112-33-4	See: KJ6620000
*112-34-5	See: KJ9100000
*112-35-6	See: KL6390000
*112-36-7	See: KN3160000
112-37-8	See: YQ2275000
*112-38-9	See: YQ2975000
*112-40-3	See: JR2125000
*112-42-5	See: YQ3155000
*112-43-6	See: YQ2985000
*112-44-7	See: YQ1500000
*112-45-8	See: YQ2835000
*112-48-1	See: KH9450000
*112-50-5	See: KK8950000
*112-53-8	See: JR5775000
*112-54-9	See: JR1910000
*112-55-0	See: JR3155000
*112-56-1	See: XK8400000
*112-57-2	See: KH8585000
*112-58-3	See: KN8600000
*112-59-4	See: KL2625000
112-60-7	See: XC2100000
*112-61-8	See: WI4460000
*112-62-9	See: RK0895000
*112-66-3	See: AH3525000
*112-70-9	See: YD4200000
*112-72-1	See: XB8655000
*112-73-2	See: KN0350000
112-79-8	See: JX6125000
*112-80-1	See: RG2275000
*112-90-3	See: RG4130000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CAS No.	RTECS No.
*112-92-5	See: RG2010000
112-96-9	See: NR0140000
*112-98-1	See: SB0300000
*113-00-8	See: ME7750000
113-15-5	See: KE7700000
*113-18-8	See: SB4725000
*113-38-2	See: KG4725000
*113-42-8	See: KE5425000
*113-45-1	See: TM3675000
*113-48-4	See: RB8575000
*113-52-0	See: HO1925000
*113-53-1	See: UI1555000
*113-59-7	See: XO1050000
*113-69-9	See: DK1650000
113-73-5	See: MD8470000
*113-80-4	See: RS7534500
*113-92-8	See: US6475000
*113-98-4	See: XH9700000
114-03-4	See: YN7100000
*114-07-8	See: KF4375000
*114-26-1	See: FC3150000
*114-42-1	See: EU1400000
*114-43-2	See: EU1225000
*114-45-4	See: DO2100000
*114-49-8	See: YM4550000
114-63-6	See: DH2900000
114-70-5	See: AJ3258800
*114-80-7	See: BR3150000
*114-83-0	See: AJ2900000
*114-85-2	See: ME8575000
*114-86-3	See: DU2100000
*114-90-9	See: UU6825000
114-91-0	See: UT5075000
*115-02-6	See: VT9625000
*115-07-1	See: UC6740000
*115-09-3	See: OW1225000
*115-10-6	See: PM4780000
*115-11-7	See: UD0890000
*115-19-5	See: ES0810000
*115-20-8	See: KM3850000
*115-21-9	See: VV4200000
*115-24-2	See: TX3850000
*115-25-3	See: GU1779500
*115-26-4	See: TD4025000
*115-28-6	See: RB9000000
*115-29-7	See: RB9275000
*115-31-1	See: AJ6300000
*115-32-2	See: DC8400000
115-37-7	See: QD2975000
115-38-8	See: CQ6650000
115-43-5	See: CQ0460000
*115-44-6	See: CP8225000
*115-51-5	See: BP0694200
*115-53-7	See: QD2170000
115-55-9	See: XI8300000
115-58-2	See: CQ6748000
115-63-9	See: TM3125000
*115-67-3	See: RP9800000
115-69-5	See: TY2975000
*115-71-9	See: SB3400000
*115-76-4	See: TY5250000
*115-77-5	See: RZ2490000
*115-78-6	See: TA2975000
*115-79-7	See: BR9808000
115-82-2	See: MP0810000
*115-86-6	See: TC8400000
*115-90-2	See: TF3850000
*115-91-3	See: TF9370000
*115-92-4	See: TC3150000
*115-93-5	See: TF7525000
*115-95-7	See: RG5910000
*115-96-8	See: KK2450000
*115-98-0	See: TA1000000
*116-01-8	See: TE0960000
*116-02-9	See: GW0875000
*116-06-3	See: UE2275000
*116-09-6	See: UC2800000
*116-11-0	See: UD0800000
*116-14-3	See: KX4000000
*116-15-4	See: UD0350000
*116-16-5	See: UC2100000
116-17-6	See: TH2800000
*116-29-0	See: WR5850000
*116-31-4	See: VH6407000
116-38-1	See: BQ5870000
116-43-8	See: WM4767000
*116-52-9	See: YS2787000
*116-54-1	See: AG6625000
*116-66-5	See: NK5045000
*116-71-2	See: JE2310000
116-76-7	See: CB5745200
116-80-3	See: CV2449500
116-82-5	See: CB5270000
*116-83-6	See: CB5735100
116-84-7	See: CB5470000
116-85-8	See: CB5600000
116-90-5	See: CX5079000
117-03-3	See: CB5745300
117-05-5	See: CV2444100
*117-08-8	See: TI3450000
*117-10-2	See: CB6650000
117-11-3	See: CB5435000
117-12-4	See: CB6630000
117-14-6	See: CB0553000
*117-18-0	See: DC0175000
*117-26-0	See: EJ4900000
*117-27-1	See: TX3675000
*117-34-0	See: AH2515000
*117-37-3	See: NK5775300
117-38-4	See: PB2000000
*117-39-5	See: LK8750000
117-51-1	See: HP7875000
*117-52-2	See: GN4850000
117-55-5	See: QJ6153000
117-61-3	See: DV5230000
117-62-4	See: QJ6135000
117-72-6	See: VA8350000
*117-74-8	See: DR9866500
*117-79-3	See: CB5120000
*117-80-6	See: QL7525000
*117-81-7	See: TI0350000
*117-82-8	See: TI1400000
*117-83-9	See: TI0175000
*117-84-0	See: TI1925000
*117-89-5	See: SP1500000
117-96-4	See: DG5950000
117-97-5	See: ZH0915000
*117-98-6	See: CO4870000
*118-00-3	See: MF8750000
118-02-5	See: VH1300000
118-03-6	See: QK4125000
118-08-1	See: MU6030000
*118-10-5	See: GD3500000
118-12-7	See: NM1926500
118-13-8	See: GD3870000
118-28-5	See: QK1290000
118-33-2	See: QJ6125000
118-42-3	See: KK3325000
118-46-7	See: QL3331000
118-48-9	See: DM3100000
*118-52-5	See: MU0700000
118-53-6	See: XH8970000
*118-55-8	See: VO6125000
*118-58-1	See: VO1750000
*118-60-5	See: VO3150000
*118-61-6	See: VO3000000
118-68-3	See: NL3850000
*118-71-8	See: UQ1050000
*118-74-1	See: DA2975000
*118-75-2	See: DK6825000
*118-79-6	See: SN1225000
118-90-1	See: XU1400000
118-91-2	See: DG4976000
*118-92-3	See: CB2450000
118-93-4	See: AM8575000
*118-96-7	See: XU0180000
*118-96-7	See: XU0175000
119-04-0	See: QP4025000
*119-06-2	See: TI1950000
*119-07-3	See: TI0550000
*119-12-0	See: TF2275000
119-21-1	See: CZ0350000
*119-26-6	See: MV3325000
119-27-7	See: DA5250000
*119-29-9	See: DG1501000
119-30-2	See: VO4200000
119-32-4	See: XU8227000
119-33-5	See: GP2800000
*119-34-6	See: SJ6303000
*119-36-8	See: VO4725000
*119-38-0	See: FA2100000
119-39-1	See: TH9185000
*119-41-5	See: AJ1460000
*119-47-1	See: PA3500000
*119-48-2	See: QD9800000
*119-51-7	See: UH2975000
*119-53-9	See: DI1590000
119-58-4	See: DC7525000
*119-59-5	See: BY8440000
119-60-8	See: OB1804500
119-61-9	See: DI9950000
*119-64-2	See: QK3850000
*119-65-3	See: NW6825000
119-68-6	See: CB3300000
119-72-2	See: WJ6100000
119-79-9	See: QK1285000
119-81-3	See: AE8310000
*119-84-6	See: MW5775000
*119-89-1	See: GW7200000
*119-90-4	See: DD0875000
*119-93-7	See: DD1225000
*120-02-5	See: AI6500000
120-04-7	See: VQ2975000
*120-06-9	See: WU7692500
*120-07-0	See: KM2100000
*120-08-1	See: GN6550000
*120-11-6	See: CY8225000
*120-12-7	See: CA9350000
*120-14-9	See: YX5088000
120-15-0	See: VC2975000
120-18-3	See: QK1225000
120-20-7	See: SH2300000
*120-32-1	See: GO7175000
120-35-4	See: CV7400000
*120-36-5	See: UF1050000
*120-40-1	See: JR1925000
*120-45-6	See: DP0620000
*120-47-8	See: DH2190000
120-49-0	See: DG3325000
*120-51-4	See: DG4200000
120-53-6	See: DL6498000
120-54-7	See: TN4221000
120-55-8	See: ID6650000
*120-57-0	See: TO1575000
*120-58-1	See: DA5950000
*120-61-6	See: WZ1225000
*120-62-7	See: DA5775000
*120-66-1	See: AN2900000
*120-67-2	See: KK4375000
*120-71-8	See: BZ6720000
*120-72-9	See: NL2450000
*120-73-0	See: UO7450000
120-75-2	See: DL5600000
*120-78-5	See: DL4550000
120-79-6	See: RP0525000
*120-80-9	See: UX1050000
*120-82-1	See: DC2100000
*120-83-2	See: SK8575000
120-86-5	See: RO7875000
120-88-7	See: RO9450000
*120-92-3	See: GY4725000
*120-93-4	See: NJ0570000
*120-97-8	See: CZ9200000
121-00-6	See: SK1575000
121-02-8	See: XT8000000
121-03-9	See: DB7175000
121-05-1	See: KV4200000
*121-14-2	See: XT1575000
*121-19-7	See: CY5250000
*121-21-1	See: GZ1725000
*121-25-5	See: TJ7560000
*121-29-9	See: GZ0700000
*121-32-4	See: CU6125000
*121-33-5	See: YW5775000
121-34-6	See: YW5300000
*121-39-1	See: MB4970000
121-40-4	See: RN8930000
*121-43-7	See: ED5600000
*121-44-8	See: YE0175000
*121-45-9	See: TH1400000
*121-46-0	See: RB6535000
121-47-1	See: OY2300000
121-50-6	See: XU5775000
*121-54-0	See: BO7175000
121-58-4	See: WP3899000
*121-59-5	See: CF9275000
*121-66-4	See: XJ2800000
*121-69-7	See: BX4725000
121-71-1	See: AM8754000
121-72-2	See: XU5798000
*121-73-3	See: CZ0940000
*121-75-5	See: WM8400000
*121-79-9	See: LW8400000
*121-82-4	See: XY9450000
121-86-8	See: XS9100000
*121-87-9	See: BX1400000
*121-88-0	See: SJ6202500
*121-89-1	See: AM9625000
*121-90-4	See: DM6650000
*121-91-5	See: NT2007000
*121-92-6	See: DH5000000
*121-98-2	See: BZ4925000
*122-00-9	See: AM9463000
*122-03-2	See: CU7000000
*122-06-5	See: WJ5250000
122-08-7	See: BO8587000
*122-09-8	See: SH4025000
*122-10-1	See: LZ9450000
*122-11-2	See: WO9030000
*122-14-5	See: TG0350000

CAS No.	RTECS No.
*122-15-6	See: FA1500000
*122-17-8	See: TF7800000
*122-19-0	See: BO7000000
*122-20-3	See: UB8750000
*122-31-6	See: ON8750000
*122-34-9	See: XY5250000
*122-37-2	See: SJ6950000
*122-39-4	See: JJ7800000
*122-40-7	See: GD6825000
*122-42-9	See: FD9100000
*122-43-0	See: AJ2480000
*122-48-5	See: EL8900000
*122-51-0	See: RM6475000
*122-52-1	See: TH1130000
122-56-5	See: ED1850000
*122-57-6	See: EN0330000
*122-59-8	See: AJ2230000
*122-60-1	See: TZ3675000
*122-62-3	See: VS1000000
122-65-6	See: RO9100000
*122-66-7	See: MW2625000
*122-67-8	See: GD9550000
*122-69-0	See: GD8562000
*122-70-3	See: UF6488000
*122-72-5	See: UB9000000
*122-73-6	See: KM9620000
*122-74-7	See: UB9338400
122-75-8	See: KV3400000
*122-78-1	See: CY1420000
122-79-2	See: AJ2800000
*122-80-5	See: AD8225000
*122-82-7	See: AK5800000
*122-84-9	See: UC2990000
*122-88-3	See: AG0175000
122-93-0	See: AT1225000
122-96-3	See: TL3675000
*122-97-4	See: UB8970000
*122-98-5	See: KJ7175000
*122-99-6	See: KM0350000
*123-00-2	See: QD7700000
123-01-3	See: CZ9540000
*123-03-5	See: UU4900000
*123-04-6	See: MI8760000
*123-05-7	See: MN7525000
123-06-8	See: OO3850000
123-07-9	See: SL4040000
123-08-0	See: CU6475000
123-09-1	See: WQ3840000
*123-11-5	See: BZ2625000
*123-15-9	See: YV4150000
*123-17-1	See: RA7950000
*123-19-3	See: MJ5600000
*123-20-6	See: ET7000000
*123-23-9	See: UF2031000
*123-25-1	See: WM7400000
*123-28-4	See: UF8000000
*123-29-5	See: RA6845000
*123-30-8	See: SJ5075000
*123-31-9	See: MX3500000
123-32-0	See: UQ2800000
*123-33-1	See: UR5950000
*123-34-2	See: TY2700000
*123-35-3	See: RG5365000
*123-36-4	See: WI3325000
*123-38-6	See: UE0350000
*123-39-7	See: LQ3000000
*123-42-2	See: SA9100000
123-43-3	See: AJ4900000
123-44-4	See: SA7700000
*123-51-3	See: EL5425000
*123-54-6	See: SA1925000
*123-56-8	See: WN2200000
123-61-5	See: NR0150000
*123-62-6	See: UF9100000
*123-63-7	See: YK0525000
*123-66-0	See: MO7735000
*123-68-2	See: MO6125000
*123-72-8	See: ES2275000
*123-73-9	See: GP9625000
*123-75-1	See: UX9650000
*123-76-2	See: OI1575000
*123-77-3	See: LQ1040000
123-81-9	See: KW3725000
*123-82-0	See: MQ5425000
123-85-3	See: AC3110000
*123-86-4	See: AF7350000
*123-88-6	See: OW0875000
*123-91-1	See: JG8225000
*123-92-2	See: NS9800000
123-93-3	See: AJ6475000
*123-95-5	See: WI2900000
*123-99-9	See: CM1980000
*124-02-7	See: UC6650000
*124-03-8	See: BQ5425000
*124-04-9	See: AU8400000
124-05-0	See: LQ6000000
*124-07-2	See: RH0175000
*124-09-4	See: MO1180000
*124-12-9	See: RG9700300
*124-13-0	See: RG7780000
*124-16-3	See: UA8050000
*124-17-4	See: KJ9275000
*124-18-5	See: HD6550000
*124-19-6	See: RA5700000
124-20-9	See: EJ7000000
124-22-1	See: JR6475000
*124-25-4	See: XB7900000
*124-26-5	See: RG0182000
124-28-7	See: RG4200000
124-30-1	See: RG4150000
*124-38-9	See: FF6400000
*124-40-3	See: IP8750000
*124-41-4	See: PC3570000
*124-43-6	See: YT4850000
*124-47-0	See: YT9670000
*124-47-0	See: YT9675000
*124-48-1	See: PA6360000
*124-58-3	See: PA1575000
*124-64-1	See: TA2450000
*124-65-2	See: CH7700000
*124-68-5	See: UA5950000
124-70-9	See: VV3533000
*124-73-2	See: KH9370300
*124-76-5	See: NP7300000
*124-87-8	See: TJ9100000
*124-88-9	See: PB1960000
124-90-3	See: QD2470000
*124-94-7	See: TU3850000
*124-97-0	See: FL5750000
*124-98-1	See: FL4550000
*124-99-2	See: EI3325000
*125-02-0	See: TU4153300
*125-04-2	See: GM9015000
125-10-0	See: TU4154085
*125-23-5	See: QD0188900
*125-25-7	See: QD1040000
*125-27-9	See: QD0189040
*125-28-0	See: QD1680000
*125-29-1	See: QD2800000
*125-30-4	See: QD0874000
*125-33-7	See: UV9100000
*125-40-6	See: CQ1750000
125-42-8	See: CQ5595000
125-44-0	See: CQ5600000
*125-46-2	See: HP5270000
125-51-9	See: TN5425000
125-52-0	See: GV3030000
*125-56-4	See: MJ6130000
125-58-6	See: MJ5990000
*125-64-4	See: TM7350000
*125-65-5	See: MC5400000
*125-69-9	See: QD0222000
*125-71-3	See: QD0194000
*125-72-4	See: QD1925000
125-73-5	See: QD1832000
*125-79-1	See: YV8400000
*125-84-8	See: MA4026950
*125-85-9	See: GY3870000
125-86-0	See: GY3850000
125-88-2	See: CP9300000
125-99-5	See: BP5775000
126-02-3	See: TN7800000
*126-07-8	See: WG9800000
126-11-4	See: TY7350000
*126-12-5	See: NS5250000
*126-14-7	See: WN6620000
*126-15-8	See: HP5075000
*126-17-0	See: WF1300000
*126-22-7	See: ET0175000
*126-27-2	See: AC3325000
*126-30-7	See: TY5775000
*126-31-8	See: PB2250000
*126-33-0	See: XN0700000
126-39-6	See: JH7700000
126-50-1	See: MI9050000
*126-52-3	See: GV9275000
126-61-4	See: SZ8600000
*126-64-7	See: DH3300000
*126-68-1	See: TG3675000
*126-72-7	See: UB0350000
*126-73-8	See: TC7700000
126-75-0	See: TF3130000
126-79-4	See: UY4335000
126-84-1	See: AL4900000
*126-85-2	See: IA2200000
*126-92-1	See: MP0700000
*126-93-2	See: MN8050000
*126-94-3	See: TX2800000
*126-98-7	See: UD1400000
*126-99-8	See: EI9625000
*127-00-4	See: UA8942000
127-06-0	See: AL6825000
*127-07-1	See: YT4900000
127-08-2	See: AJ3325000
*127-09-3	See: AJ4375000
*127-18-4	See: KX3850000
*127-19-5	See: AB7700000
*127-20-8	See: UF1225000
127-21-9	See: UC1575000
*127-25-3	See: TF8590000
127-30-0	See: OE7900000
*127-31-1	See: TU5025000
127-32-2	See: FH4920710
*127-33-3	See: QI7650000
127-35-5	See: FB8890000
*127-41-3	See: EN0525000
*127-47-9	See: VH6825000
*127-48-0	See: RQ2100000
127-56-0	See: AC8480000
*127-57-1	See: WD7175000
*127-58-2	See: WP0760000
127-59-3	See: DB1650000
127-63-9	See: SX2400000
*127-65-1	See: XT5617000
127-68-4	See: DB7195000
*127-69-5	See: WO9100000
127-71-9	See: CV5002500
*127-79-7	See: WP0750000
*127-81-1	See: PB2690000
*127-82-2	See: DB7120000
*127-85-5	See: CF9625000
127-90-2	See: KN3600000
*127-91-3	See: DT5077000
*127-95-7	See: RO3600000
128-03-0	See: FA0850000
*128-04-1	See: FD3500000
128-08-5	See: WN2275000
*128-09-6	See: UY1013500
*128-13-2	See: FZ2000000
128-20-1	See: TU4384000
*128-37-0	See: GO7875000
*128-39-2	See: SK8265000
128-42-7	See: WJ6625000
*128-44-9	See: DE4550000
128-45-0	See: WK4725000
*128-46-1	See: WK2450000
*128-50-7	See: RC8870000
*128-51-8	See: RC8080000
*128-53-0	See: UX9625000
128-56-3	See: CB1095540
128-58-5	See: JE2315500
128-59-6	See: JE2315000
*128-62-1	See: RD2625000
*128-66-5	See: HO7030000
128-67-6	See: CB8800000
128-76-7	See: RB6025000
128-79-0	See: CV5395500
128-80-3	See: CB5775000
128-87-0	See: CB7750000
128-89-2	See: CB7765000
128-93-8	See: CB5980000
128-94-9	See: CB6482000
128-95-0	See: CB6300000
128-96-1	See: CB6520000
*128-97-2	See: QK3690000
*129-00-0	See: UR2450000
*129-03-3	See: TM7000000
*129-06-6	See: GN4725000
129-09-9	See: CA8950000
*129-15-7	See: CB7920000
*129-16-8	See: LM5250000
*129-17-9	See: BP6830000
*129-18-0	See: UQ8300000
*129-20-4	See: UQ8400000
129-40-8	See: CB6160000
129-42-0	See: CB6440000
129-43-1	See: CB7178000
129-44-2	See: CB6400000
*129-46-4	See: QM7000000
129-49-7	See: KE5410000
*129-51-1	See: KE5250000
129-56-6	See: CB4585000
*129-57-7	See: DH9300000
*129-63-5	See: DG0888000
*129-66-8	See: DI0940000
*129-66-8	See: DI0920000
*129-67-9	See: BN8225000
*129-71-5	See: TL2100000
*129-74-8	See: TL0280000
129-77-1	See: AH2975000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
*129-79-3	See: LL9100000
*129-83-9	See: UE5410000
129-99-7	See: WM3800000
*130-01-8	See: VT5710000
*130-15-4	See: QL7175000
*130-16-5	See: VC4590000
*130-17-6	See: DL6420000
*130-26-7	See: VC5075000
130-61-0	See: SP2275000
*130-80-3	See: WJ5775000
*130-83-6	See: HN7525000
*130-85-8	See: QL2180000
*130-86-9	See: VS2800000
130-87-0	See: MW6475000
*130-89-2	See: VA7700000
130-90-5	See: VA6740000
*130-95-0	See: VA6020000
*131-01-1	See: ZG0875000
*131-03-3	See: ZG1005000
*131-07-7	See: VU2340000
131-08-8	See: CB1095550
*131-11-3	See: TI1575000
131-13-5	See: QJ5150000
131-14-6	See: CB6450000
131-15-7	See: TI0360000
*131-16-8	See: TI1940000
*131-17-9	See: CZ4200000
*131-18-0	See: TI1930000
131-22-6	See: QJ0360000
131-27-1	See: QJ6140000
*131-49-7	See: LZ4315000
*131-52-2	See: SM6490000
*131-53-3	See: DJ1049500
*131-54-4	See: DJ0900000
*131-55-5	See: DJ1892000
*131-56-6	See: DJ0700000
*131-57-7	See: DJ1575000
131-62-4	See: DE3850000
*131-70-4	See: TI2475000
*131-73-7	See: JJ9275000
*131-74-8	See: BS3856000
*131-74-8	See: BS3855000
*131-79-3	See: QM5400000
*131-89-5	See: SK6650000
131-91-9	See: QL4725000
131-99-7	See: NM7519000
132-17-2	See: YM3150000
132-18-3	See: TM7823600
*132-19-4	See: BA6330000
*132-20-7	See: UT0175000
*132-22-9	See: US6379500
*132-27-4	See: DV7700000
132-29-6	See: TB6650000
*132-32-1	See: FE3590000
*132-35-4	See: RO0689000
132-45-6	See: YV7820000
*132-49-0	See: VO0780000
*132-53-6	See: QL4550000
132-60-5	See: GD4025000
*132-66-1	See: TH7350000
*132-67-2	See: TH7351000
*132-69-4	See: NK7875000
132-75-2	See: AM1240000
132-86-5	See: QJ4725000
132-89-8	See: DM3675000
132-92-3	See: XH8950000
132-93-4	See: XH9350000
*132-98-9	See: XH9275000
*133-06-2	See: GW5075000
*133-07-3	See: TI5685000
*133-10-8	See: VO1700000
*133-14-2	See: SD7881000
*133-14-2	See: SD7880000
*133-14-2	See: SD7879000
*133-15-3	See: VO1470000
133-16-4	See: DG1575100
*133-17-5	See: MR8162000
*133-18-6	See: CB3720000
133-26-6	See: LV1225000
*133-32-4	See: NL5250000
133-38-0	See: LT1500000
*133-49-3	See: DC1925000
*133-51-7	See: LZ4370000
*133-55-1	See: WZ0760000
*133-58-4	See: RO4375000
133-65-3	See: TZ2580000
*133-67-5	See: DK8925000
133-78-8	See: XT6325000
*133-90-4	See: DG1925000
133-91-5	See: VO2800000
*134-03-2	See: CI7671000
*134-20-3	See: CB3325000
*134-29-2	See: BZ6500000
*134-31-6	See: VC8260000
*134-32-7	See: QM1400000
*134-37-2	See: UV1146000
134-49-6	See: QE6475000
*134-50-9	See: AR7350000
*134-53-2	See: YM8400000
*134-58-7	See: XZ6157000
*134-62-3	See: XS3675000
134-63-4	See: OJ8490100
*134-71-4	See: KB1575000
*134-72-5	See: KB2625000
134-80-5	See: UH0360000
134-81-6	See: DD1925000
134-84-9	See: DJ1750000
*134-90-7	See: AB8136500
134-96-3	See: CU5760000
134-98-5	See: AN7400000
135-01-3	See: CZ5640000
*135-02-4	See: BZ2610000
*135-07-9	See: DK8575000
*135-09-1	See: DK9625000
135-12-6	See: KN6670000
135-13-7	See: DG4975500
*135-14-8	See: VC4022500
*135-19-3	See: QL2975000
*135-20-6	See: NC4725000
135-22-8	See: NM0875000
*135-23-9	See: UT1750000
135-31-9	See: UY0700000
*135-44-4	See: SA6475000
135-48-8	See: RY9400000
135-49-9	See: AR8790000
*135-51-3	See: QJ6477000
135-57-9	See: CV8700000
*135-87-5	See: TM4550000
*135-88-6	See: QM4550000
*135-98-8	See: CY9100000
*136-16-3	See: XJ7050290
136-17-4	See: DC1954000
*136-23-2	See: ZH0175000
*136-25-4	See: UF1400000
136-30-1	See: EZ3880000
*136-32-3	See: SN2750000
*136-35-6	See: XY2625000
*136-36-7	See: VH2800000
*136-40-3	See: US7875000
136-44-7	See: TZ9900000
*136-45-8	See: US8000000
*136-46-9	See: DG9876000
*136-47-0	See: DG4900000
*136-60-7	See: DG4925000
136-66-3	See: YM6045500
136-68-5	See: YM5960000
*136-69-6	See: UL1225000
*136-77-6	See: VH1575000
*136-78-7	See: KK4900000
*136-80-1	See: KM3325000
136-85-6	See: DM1400000
136-90-3	See: XU7885000
*136-92-5	See: EZ6300000
136-95-8	See: DL1050000
*136-96-9	See: DL3580000
*137-03-1	See: GY4950000
*137-05-3	See: AS7000000
137-06-4	See: XT8750000
137-07-5	See: DC0600000
*137-08-6	See: RU4375000
*137-09-7	See: SK7600000
*137-17-7	See: BZ0520000
*137-18-8	See: DK4800000
*137-20-2	See: WX0500000
*137-26-8	See: JO1400000
137-29-1	See: FA0175000
*137-30-4	See: ZH0525000
*137-32-6	See: EL5250000
137-40-6	See: UF7525000
*137-42-8	See: FC2100000
137-53-1	See: XP3582990
*137-58-6	See: AN7525000
137-86-0	See: RH0353000
137-89-3	See: NT2050000
137-97-3	See: FE0700000
138-09-0	See: ON7350000
*138-14-7	See: UG5310000
*138-22-7	See: OD4025000
138-24-9	See: BT2190000
*138-31-8	See: DA8800000
138-37-4	See: XT5425000
*138-41-0	See: DH6820000
*138-59-0	See: GW4600000
138-61-4	See: DN3850000
138-65-8	See: DN6300000
*138-85-2	See: OV8150000
*138-86-3	See: OS8100000
138-87-4	See: OT0175130
*138-89-6	See: BX7175000
138-92-1	See: UQ5600000
*139-02-6	See: SM8780000
*139-05-9	See: GV7350000
*139-06-0	See: GV7100000
*139-08-2	See: BO7150000
*139-10-6	See: SI0875000
*139-13-9	See: AJ0175000
139-25-3	See: NQ8820000
*139-26-4	See: YP2625000
*139-33-3	See: AH4375000
*139-40-2	See: XY5300000
139-45-7	See: YK6000000
*139-59-3	See: BY7930000
139-60-6	See: SS8450000
139-62-8	See: DG5679000
*139-65-1	See: BY9625000
*139-66-2	See: SX2275000
*139-70-8	See: AJ2742000
*139-85-5	See: UL0380000
*139-86-6	See: XN0290000
*139-87-7	See: KK9800000
*139-88-8	See: YQ2800000
*139-91-3	See: RQ3620000
*139-93-5	See: SJ7175000
*139-94-6	See: YT3500000
*139-96-8	See: WT1000000
*140-01-2	See: MB8222500
140-03-4	See: VJ3410000
140-05-6	See: VJ3400000
*140-08-9	See: KK2810000
*140-11-4	See: AF5075000
140-18-1	See: AF8750000
140-20-5	See: OV8575000
*140-25-0	See: JR3425000
140-26-1	See: NY1511500
140-28-3	See: KV3325000
*140-29-4	See: AM1400000
*140-31-8	See: TK8050000
140-36-3	See: SJ6650000
*140-39-6	See: AJ7570000
*140-40-9	See: XJ1570000
*140-41-0	See: AJ8050000
*140-46-5	See: AY7515000
*140-49-8	See: AE1050000
140-53-4	See: AL8250000
*140-56-7	See: CZ1750000
*140-57-8	See: WT2975000
140-63-6	See: KI7960000
*140-64-7	See: CV6500000
140-65-8	See: QD8575000
*140-66-9	See: SM9625000
*140-67-0	See: BZ8225000
*140-76-1	See: UT2975000
*140-79-4	See: TL6300000
140-80-7	See: XE1900000
140-87-4	See: AG4200000
*140-88-5	See: AT0710000
*140-88-5	See: AT0700000
*140-89-6	See: FG1575000
*140-92-1	See: FG1581300
140-93-2	See: FG1581500
140-95-4	See: YS2715000
*141-00-4	See: WM5600000
*141-01-5	See: LT1950000
*141-02-6	See: LT0525000
*141-03-7	See: WM6250000
*141-04-8	See: AV1480000
*141-05-9	See: ON1225000
*141-11-7	See: RH3425000
*141-16-2	See: RH3430000
141-17-3	See: AU8420000
141-18-4	See: AU8750000
*141-22-0	See: VJ3150000
*141-23-1	See: WI4200000
141-25-3	See: RH3410000
*141-27-5	See: RG5075100
141-28-6	See: AV1100000
*141-31-1	See: MO1130000
*141-32-2	See: UD3150000
*141-37-7	See: RN7700000
141-38-8	See: RG1600000
141-40-2	See: RN7350000
*141-43-5	See: KJ5775000
*141-46-8	See: MC2980000
141-53-7	See: LR0350000
*141-57-1	See: VV5300000
141-63-9	See: SB0970000
141-65-1	See: WZ3350000
*141-66-2	See: TC3850000
141-73-1	See: SA7000000
*141-75-3	See: EU5523000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*141-76-4	See: UF4900000
*141-78-6	See: AH5425000
*141-79-7	See: SB4200000
141-82-2	See: OO0175000
*141-84-4	See: VI7700000
141-86-6	See: US7570000
*141-90-2	See: YR1575000
*141-91-3	See: QE1750000
141-93-5	See: CZ5620000
141-95-7	See: OO1750000
*141-96-8	See: FG1223050
*141-97-9	See: AK5250000
*142-04-1	See: CY0875000
*142-08-5	See: UV1144050
*142-16-5	See: ON0160000
142-18-7	See: OF1600000
*142-19-8	See: MJ1750000
*142-22-3	See: FG2080000
*142-26-7	See: AC3120000
142-28-9	See: TX9660000
*142-29-0	See: GY5950000
*142-31-4	See: WT1175000
*142-46-1	See: EC1460000
*142-47-2	See: MA1575000
*142-59-6	See: FA6825000
*142-62-1	See: MO5250000
142-63-2	See: TM0850000
*142-64-3	See: TL4025000
*142-65-4	See: SC1050000
*142-71-2	See: AG3480000
142-72-3	See: AI5600000
*142-73-4	See: AI2975000
*142-77-8	See: RG3711000
*142-82-5	See: MI7700000
*142-83-6	See: WG1925000
*142-84-7	See: JL9200000
*142-87-0	See: WS7625000
*142-88-1	See: MO1955000
*142-90-5	See: OZ4300000
*142-91-6	See: RT4900000
*142-92-7	See: AI0875000
*142-96-1	See: EK5425000
*143-07-7	See: OE9800000
*143-08-8	See: RB1575000
143-16-8	See: IH6600000
143-18-0	See: RK1150000
143-19-1	See: RK1200000
*143-22-6	See: KJ9450000
*143-24-8	See: SB0400000
*143-27-1	See: ML9100000
*143-28-2	See: RG4120000
*143-29-3	See: PA3400000
*143-33-9	See: VZ7525000
*143-50-0	See: PC8575000
143-52-2	See: QD2300000
*143-57-7	See: FL5750100
*143-62-4	See: FH4975000
*143-67-9	See: YY8400000
143-70-4	See: QC7910000
143-74-8	See: SJ7490000
*143-76-0	See: CQ2980000
143-81-7	See: CQ2275000
143-82-8	See: CQ5500000
143-98-6	See: QD1868000
*144-00-3	See: CQ4900000
*144-02-5	See: CQ3850000
144-19-4	See: SA1400000
*144-21-8	See: PA2275000
144-24-1	See: RD2400000
*144-29-6	See: TL3485000
144-33-2	See: GE7580000
*144-34-3	See: VT0780000
144-41-2	See: TE1400000
*144-48-9	See: AC4200000
*144-49-0	See: AH5950000
*144-55-8	See: VZ0950000
*144-62-7	See: RO2450000
*144-74-1	See: WP2450000
*144-80-9	See: AC8450000
144-82-1	See: WP0875000
*144-83-2	See: DA9625000
*145-14-2	See: TU5559900
*145-15-3	See: TU5560000
*145-39-1	See: CZ7220000
*145-41-5	See: FZ2500000
145-42-6	See: WX0400000
*145-48-2	See: CB1095200
145-49-3	See: CB6480000
145-63-1	See: QM6900000
*145-73-3	See: RN7875000
145-94-8	See: NK7533200
145-95-9	See: UP0525000
*146-04-3	See: NQ7870000
146-14-5	See: AU7470000
146-17-8	See: VJ1350000
*146-22-5	See: DF2450000
*146-28-1	See: TL7350000
146-36-1	See: HN7200000
*146-37-2	See: VA0350000
*146-48-5	See: ZG1000000
*146-54-3	See: SO8850000
146-56-5	See: TL9800000
*146-59-8	See: AR7680000
*146-77-0	See: AU7357550
146-78-1	See: AU7386000
*146-84-9	See: TJ7891500
*146-84-9	See: TJ7891000
*147-20-6	See: TM7810000
*147-24-0	See: KR7000000
147-27-3	See: NX0700000
*147-47-7	See: VB4900000
*147-61-5	See: YR0515000
147-82-0	See: BZ0175000
147-84-2	See: EZ4550000
*147-93-3	See: DH3325000
*147-94-4	See: HA5425000
*148-01-6	See: XS4200000
*148-18-5	See: EZ6475000
*148-24-3	See: VC4200000
*148-51-6	See: UT4800000
*148-53-8	See: CU6530000
148-56-1	See: DK9800000
*148-65-2	See: US7350000
148-72-1	See: TK1455000
148-78-7	See: FD7680000
*148-79-8	See: DE0700000
*148-82-3	See: AY3675000
*148-87-8	See: BY0100000
*148-97-0	See: NC4550000
*149-15-5	See: UB1050000
*149-16-6	See: UB0875000
149-21-3	See: YM4205000
149-24-6	See: YN1050000
*149-29-1	See: LV2625000
*149-30-4	See: DL6475000
*149-32-6	See: KF2000000
*149-44-0	See: PB0380000
149-45-1	See: CZ9263000
*149-53-1	See: DO1750020
*149-57-5	See: MO7700000
*149-64-4	See: YM3500000
149-73-5	See: RM6650000
*149-74-6	See: VV3530000
*149-91-7	See: LW7525000
149-95-1	See: DN6125000
150-05-0	See: DO2800000
*150-13-0	See: DG1400000
*150-19-6	See: SL7524000
150-25-4	See: MB9700000
*150-38-9	See: AH5275000
*150-38-9	See: AH5250000
*150-39-0	See: MB9185000
150-46-9	See: ED5075000
150-49-2	See: EB2984000
*150-50-5	See: TG5600000
150-60-7	See: JO1750000
150-61-8	See: KV4800000
*150-68-5	See: YS6300000
*150-69-6	See: YT2275000
*150-74-3	See: BX5595000
150-75-4	See: SL8225000
*150-76-5	See: SL7700000
*150-78-7	See: CZ6650000
*150-84-5	See: RH3422500
*150-86-7	See: TJ3490000
151-00-8	See: NQ4200000
*151-01-9	See: FG1370000
*151-05-3	See: SG8100000
*151-06-4	See: SH1225000
*151-10-0	See: CZ6474000
*151-18-8	See: UG0350000
*151-21-3	See: WT1050000
*151-38-2	See: OV6300000
151-41-7	See: WT0700000
*151-50-8	See: TS8750000
*151-56-4	See: KX5075000
*151-63-3	See: AL7800000
*151-67-7	See: KH6550000
*151-73-5	See: TU4056500
*152-02-3	See: QD0350000
*152-11-4	See: YV8320000
*152-16-9	See: UX5950000
*152-18-1	See: TG3850000
*152-20-5	See: TG3880000
*152-43-2	See: RC8948000
*152-47-6	See: WP0175000
152-53-4	See: GU2625000
152-58-9	See: TU5011500
*152-62-5	See: TU3671000
*152-72-7	See: GN4900000
*152-81-8	See: DC5430000
*152-97-6	See: TU3832500
*153-18-4	See: VM2975000
*153-32-2	See: HN5100000
*153-34-4	See: HN3730000
*153-39-9	See: HN5700000
*153-61-7	See: XI0388000
153-74-2	See: CV4375000
*153-78-6	See: LL5075000
*153-87-7	See: NL7170000
153-88-8	See: YN6650000
153-94-6	See: YN6129000
*154-02-9	See: NL8512500
154-06-3	See: YN7140000
154-08-5	See: YN6825000
*154-17-6	See: MQ3325000
154-21-2	See: RH6314000
*154-23-4	See: DJ3450000
*154-41-6	See: DN4200000
*154-42-7	See: UP0740000
154-68-7	See: NJ2275000
*154-69-8	See: US3150000
*154-82-5	See: TK9700000
154-86-9	See: DO7600000
154-87-0	See: XI7552000
*154-93-8	See: YS2625000
*154-97-2	See: UU4570000
154-99-4	See: MV3200000
155-00-0	See: MV2021000
*155-04-4	See: DL7000000
155-09-9	See: GZ2450100
*155-41-9	See: YM3675000
155-59-9	See: CU8925000
155-90-8	See: UV6475000
*155-91-9	See: DA9495000
155-97-5	See: UU5283000
156-08-1	See: SG9602000
*156-10-5	See: JK0175000
*156-25-2	See: UT2000000
*156-28-5	See: SH7175000
156-31-0	See: SI1225000
*156-38-7	See: AI2680000
*156-39-8	See: UZ1000000
*156-43-4	See: SI6465500
156-48-9	See: MV7552000
*156-51-4	See: MV8750000
*156-54-7	See: ET6400000
156-56-9	See: GZ2215000
*156-57-0	See: KJ0200000
*156-59-2	See: KV9420000
*156-60-5	See: KV9400000
*156-62-7	See: GS6000000
*156-72-9	See: PA8925000
156-80-9	See: OO1300000
*156-86-5	See: OL5550000
156-87-6	See: UA5600000
*157-03-9	See: RC6340000
176-38-5	See: WH0204500
176-39-6	See: JO6144000
176-80-7	See: CL9900000
177-10-6	See: JH2800000
177-15-1	See: RP4389200
177-16-2	See: WH0188000
180-93-8	See: JH4375000
184-31-6	See: RP4392000
184-32-7	See: JO6146000
185-70-6	See: RP3679600
*188-96-5	See: HP5950000
*189-55-9	See: DI5775000
*189-58-2	See: CA8925000
*189-64-0	See: HO5775000
*189-92-4	See: SF6125000
*190-03-4	See: DI6825000
*190-07-8	See: DI6300000
*191-07-1	See: GM5400000
*191-24-2	See: DI6200500
*191-26-4	See: HO5900000
*191-27-5	See: AR9820000
*191-30-0	See: HO6125000
*192-47-2	See: HP5600000
*192-65-4	See: QL0175000
*192-70-1	See: DI2230000
*192-97-2	See: DJ4200000
*193-39-5	See: NK9300000
*193-40-8	See: HO4725000
*194-59-2	See: HO5600000
*194-60-5	See: DJ9700000
*194-62-7	See: DJ9625000
*194-69-4	See: DE7350000
*195-19-7	See: DI8225000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*195-52-8	See: SF8580400
*195-84-6	See: YD2800000
*196-78-1	See: DE7525000
*196-79-2	See: DI2275000
*198-46-9	See: DE8600000
*198-55-0	See: SE3794000
*201-42-3	See: HN0175000
*201-65-0	See: NK9100000
*202-98-2	See: GY0875000
*203-12-3	See: DF6140000
*203-20-3	See: HM9800000
*203-64-5	See: GY5280000
204-02-4	See: SD4390000
*205-12-9	See: DK6384000
*205-82-3	See: DF6300000
*205-99-2	See: CU1400000
*206-00-8	See: LL9275000
*206-44-0	See: LL4025000
*207-08-9	See: DF6350000
*207-83-0	See: HP3850000
*207-84-1	See: HO5250000
*207-85-2	See: DK0525000
*207-88-5	See: DK0350000
*207-89-6	See: DJ9450000
*208-07-1	See: DE3050000
208-96-8	See: AB1254000
209-96-1	See: PC0380000
213-32-1	See: AB1130000
*213-46-7	See: TJ3700000
*214-17-5	See: DE7340000
*215-58-7	See: DM1925000
*215-64-5	See: HP6300000
*217-59-4	See: YK2925000
*218-01-9	See: GC0700000
*219-25-0	See: SF8580200
*224-10-2	See: SF8580300
*224-41-9	See: HN2800000
*224-42-0	See: HN1050000
*224-53-3	See: HN1225000
*224-98-6	See: QL6400000
*225-11-6	See: CU2700000
*225-51-4	See: CU2975000
225-57-0	See: DM0020000
*226-36-8	See: HN0875000
*226-47-1	See: HP6475000
*227-56-5	See: CB8730050
*227-86-1	See: CB8730000
*229-87-8	See: SF7928000
*230-27-3	See: DK1432000
*234-41-3	See: QM0540000
235-05-2	See: NJ5925000
*238-84-6	See: DF6382000
*239-01-0	See: DE7025000
239-12-3	See: DL9890000
*239-60-1	See: HP4025000
*239-64-5	See: HO5425000
*239-67-8	See: DK0175000
*240-39-1	See: UV1200000
*240-44-8	See: DE8575000
241-62-3	See: UQ3920000
*243-17-4	See: DF6383500
*243-30-1	See: UU8816500
*244-63-3	See: UU9350000
*245-72-7	See: JM5614000
*254-04-6	See: DJ2105000
*257-07-8	See: HQ3950000
*258-76-4	See: JE1925000
*260-94-6	See: AR7175000
*262-12-4	See: HP3090000
262-20-4	See: SP6825000
267-48-1	See: JI4650000
271-29-4	See: UY8720000
271-34-1	See: UY8725000
271-44-3	See: NK7745000
271-63-6	See: UY8710000
*271-89-6	See: DF6423800
272-49-1	See: UY8715000
272-97-9	See: NJ5108000
273-53-0	See: DM4375000
*274-09-9	See: DA5600000
*275-51-4	See: CO4570000
277-06-5	See: JH5030000
279-23-2	See: RB6945000
280-33-1	See: DT7890000
280-38-6	See: CL5595000
*280-57-9	See: HM0354200
283-24-9	See: CL5447500
283-55-6	See: CM0750000
283-56-7	See: ED5786000
283-60-3	See: YJ8980000
*283-66-9	See: MP4780100
285-67-6	See: RN8935000
*286-20-4	See: RN7175000
286-75-9	See: GX9627000
*287-23-0	See: GT9895000
*287-92-3	See: GY2390000
*288-13-1	See: UQ4900000
*288-32-4	See: NI3325000
288-47-1	See: XJ1290000
289-95-2	See: UV6263000
290-37-9	See: UQ2015000
291-21-4	See: YL8225000
*291-64-5	See: GU3140000
*294-93-9	See: XF0550000
*297-76-7	See: RC8963000
*297-78-9	See: PC1225000
297-83-6	See: TI3850000
297-88-1	See: MJ5960000
297-90-5	See: QC9240000
*297-97-2	See: TF5775000
*298-00-0	See: TG0246000
*298-00-0	See: TG0245000
*298-00-0	See: TG0175000
*298-02-2	See: TD9450000
298-03-3	See: TF3125000
*298-04-4	See: TD9275000
298-06-6	See: TD7350000
*298-07-7	See: TB7875000
*298-12-4	See: MD4550000
*298-18-0	See: EJ8400000
*298-39-5	See: WK4970000
*298-45-3	See: CE1050000
*298-46-4	See: HN8225000
*298-51-1	See: SN7350000
*298-59-9	See: TM3850000
*298-81-7	See: LV1400000
298-96-4	See: XF8100000
299-11-6	See: SG1645000
299-20-7	See: KH0600000
299-26-3	See: NL4550000
*299-27-4	See: LZ5230000
*299-28-5	See: EW2100000
*299-29-6	See: LZ5150000
*299-39-8	See: WG6430000
*299-42-3	See: KB0700000
*299-45-6	See: GN7525000
299-61-6	See: DH3067500
*299-75-2	See: XO8500000
*299-84-3	See: TG0525000
*299-85-4	See: TB5075000
*299-86-5	See: TB3850000
*299-95-6	See: DO2273000
*300-08-3	See: QT2275000
*300-37-8	See: UR8750000
*300-42-5	See: SH5075000
*300-54-9	See: QG3325000
*300-57-2	See: CY2275000
*300-62-9	See: SH9450000
300-68-5	See: UY0200000
*300-76-5	See: TB9450000
*300-88-9	See: MJ8900000
*301-04-2	See: AI5250000
*301-11-1	See: OF0875000
*301-12-2	See: TG1420000
301-15-5	See: MF0350000
301-19-9	See: DJ2979380
*302-01-2	See: MU7175000
*302-15-8	See: MV7750000
*302-17-0	See: FM8750000
*302-22-7	See: TU3750000
*302-23-8	See: TU5074000
*302-27-2	See: AR5960000
*302-33-0	See: AJ3400000
302-34-1	See: CP8402500
*302-40-9	See: DD2480000
*302-41-0	See: DW1012000
302-48-7	See: SY9320000
302-49-8	See: EY8800000
302-61-4	See: BR1204000
302-64-7	See: UY4295000
*302-66-9	See: SC5075000
*302-70-5	See: IA2275000
*302-79-4	See: VH6475000
302-83-0	See: BR1925000
*302-95-4	See: FZ2250000
*302-96-5	See: BV8065000
303-04-8	See: EM4910000
303-16-2	See: TI4936000
303-21-9	See: XP2625000
*303-25-3	See: TL6560000
303-26-4	See: TL1772000
*303-33-3	See: MH6125000
*303-34-4	See: OE7875000
*303-45-7	See: DU3100000
*303-47-9	See: AY4375000
*303-49-1	See: HN9050000
*303-53-7	See: HP0550000
303-54-8	See: HO1480000
*303-69-5	See: UU8576000
303-70-8	See: HO2975500
303-75-3	See: DK2200000
*303-81-1	See: CU9080000
*303-98-0	See: DK3900000
304-06-3	See: VO5600000
304-17-6	See: TI5425000
*304-20-1	See: TH9000000
*304-21-2	See: UU9800000
304-24-5	See: VB4770000
*304-28-9	See: AC0700000
*304-43-8	See: XH8575000
*304-55-2	See: WM7650000
*304-81-4	See: SG1590000
304-84-7	See: YW5250000
*305-03-3	See: ES7525000
305-13-5	See: AB4318000
305-15-7	See: MV2100000
305-33-9	See: NS1950000
305-53-3	See: AI3675000
305-84-0	See: MS3080000
*305-85-1	See: SL0750000
*305-97-5	See: WJ1625000
305-99-7	See: IH0708000
*306-07-0	See: DP6650000
*306-12-7	See: SJ5425000
*306-19-4	See: TO7874000
306-20-7	See: UE3285000
306-21-8	See: SJ6530000
*306-23-0	See: OD5500000
*306-37-6	See: MV2800000
306-40-1	See: GA7000000
306-44-5	See: UZ0750000
306-52-5	See: KM4400000
*306-53-6	See: BR8050000
306-67-2	See: EJ7230000
306-83-2	See: KI1108000
306-94-5	See: QJ3175000
*308-48-5	See: KN3500000
*309-00-2	See: IO2100000
309-29-5	See: UY5769500
309-36-4	See: CQ0400000
*309-43-3	See: CP9800000
309-76-2	See: CQ4875000
311-09-1	See: BO4900000
311-28-4	See: BS5450000
311-44-1	See: TB7000000
*311-45-5	See: TC2275000
311-47-7	See: TB9275000
311-53-5	See: TN6086500
311-60-4	See: TE5020000
311-89-7	See: EO5820000
312-30-1	See: WP4300000
312-43-6	See: SZ5890000
*312-45-8	See: QF2450000
*312-93-6	See: TU4055000
*313-06-4	See: KG4600000
*313-74-6	See: CW2450000
*313-93-9	See: YD2900000
*313-94-0	See: YD2865000
*313-95-1	See: YD2925000
*313-96-2	See: YD2980000
314-01-2	See: XO0875000
314-03-4	See: TN1575000
*314-04-5	See: YD2880000
*314-13-6	See: QJ6440000
*314-19-2	See: HQ1750000
*314-19-2	See: CE0800000
314-35-2	See: XH5095000
*314-40-9	See: YQ9100000
*314-42-1	See: YQ9275000
314-92-1	See: DP1300000
*315-18-4	See: FC0700000
*315-22-0	See: QB3140000
*315-30-0	See: UR0785000
*315-37-7	See: XA3080000
*315-72-0	See: TL8750000
*315-80-0	See: HP2625000
316-05-2	See: AR7880000
*316-14-3	See: CX1400000
316-15-4	See: AR9534000
*316-41-6	See: DR9867300
*316-42-7	See: JY5250000
*316-46-1	See: YU8050000
*316-49-4	See: CX1050000
*316-81-4	See: SP5400000
*317-34-0	See: XH5600000
317-52-2	See: BQ8225000
*317-64-6	See: CW2975000
317-83-9	See: SK7000000
*318-03-6	See: DK0700000
*318-22-9	See: AD0175000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
318-81-0	See: PB9110000
*318-85-4	See: AC2740000
*318-98-9	See: UB7525000
319-79-8	See: NR4700000
*319-84-6	See: GV3500000
*319-85-7	See: GV4375000
319-86-8	See: GV4550000
319-88-0	See: DC2450000
319-94-8	See: GW6445000
*320-67-2	See: XZ3017500
320-72-9	See: VO2450000
*320-90-1	See: DG3100300
*321-14-2	See: VO2080000
*321-25-5	See: BX5620000
321-30-2	See: AU7140000
321-35-7	See: TD3678000
321-38-0	See: QJ7100000
*321-54-0	See: GN5950000
*321-55-1	See: GN5250000
321-64-2	See: AR9532100
*321-98-2	See: KB0600000
*322-35-0	See: VT9632200
322-46-3	See: UV1152200
322-79-2	See: GP4250000
*324-93-6	See: DU9625000
325-23-5	See: MU8050000
325-24-6	See: QJ7125000
*325-47-3	See: AC2750000
*325-69-9	See: AY6307000
326-39-6	See: DH1050000
326-43-2	See: DP1225000
326-49-8	See: DH0280000
326-52-3	See: RA8330000
*326-61-4	See: AI9050000
*327-57-1	See: RC6308000
*327-97-9	See: GU8480000
*327-98-0	See: TB0700000
*328-04-1	See: TB0273000
328-38-1	See: OH2840000
328-74-5	See: ZE9800000
*329-21-5	See: TA5250000
*329-56-6	See: DN6475000
*329-63-5	See: DO3330000
329-65-7	See: DO2975000
329-67-9	See: DH1380000
*329-71-5	See: SL2900000
329-83-9	See: DH5425000
329-84-0	See: DH5250000
*329-89-5	See: US4550000
329-98-6	See: DR6950000
329-99-7	See: TA8225000
330-00-7	See: SQ3270000
330-08-5	See: TD3680000
*330-54-1	See: YS8925000
*330-55-2	See: YS9100000
*330-64-3	See: FB9800000
*330-68-7	See: AE2975000
330-95-0	See: FE0900000
331-10-2	See: YT3900000
331-31-7	See: SL4580000
*331-39-5	See: GD8950000
331-54-4	See: BX1050000
331-86-2	See: TD3325000
331-87-3	See: AH7350000
*331-91-9	See: BX5600000
332-14-9	See: TN2255000
332-15-0	See: TN3800000
332-23-0	See: UU4100000
*332-33-2	See: YT0153000
*332-54-7	See: BX5610000
332-91-2	See: YD4580000
332-94-5	See: RH0740000
332-97-8	See: RH0720000
332-98-9	See: YQ2452000
333-06-2	See: MJ5650000
333-07-3	See: MO8350000
*333-18-6	See: KV3850000
*333-20-0	See: XL1925000
333-23-3	See: BQ6350000
*333-25-5	See: CH7300000
*333-29-9	See: NJ6400000
333-33-5	See: RH0600000
333-36-8	See: KN3675000
333-40-4	See: TE3150000
*333-41-5	See: TF3325000
*333-43-7	See: TA6125000
333-49-3	See: UW0520000
333-56-2	See: RH0760000
333-67-5	See: YV7400000
333-69-7	See: JR4300000
*333-93-7	See: EJ7280000
*334-22-5	See: IA0175000
334-28-1	See: MJ2275000
334-29-2	See: AH8530000
334-38-3	See: HE0730000
334-44-1	See: MJ7875000
334-46-3	See: HE0750000
*334-48-5	See: HD9100000
334-50-9	See: EJ7023000
334-52-1	See: NX8600000
334-56-5	See: HD8575000
334-59-8	See: HD9450000
334-61-2	See: HD6900000
334-62-3	See: HD7100000
334-63-4	See: HD7900000
334-64-5	See: HE0700000
334-65-6	See: HD6300000
334-68-9	See: JR2500000
334-71-4	See: JR4375000
334-75-8	See: YD3200000
*334-88-3	See: PA7000000
335-08-6	See: OD9500000
335-57-9	See: MJ0875000
*335-67-1	See: RH0781000
*335-76-2	See: HD9900000
336-08-3	See: MO1925000
336-12-9	See: GU8700000
336-61-8	See: ES5245000
337-28-0	See: UB5390000
337-47-3	See: CQ0350000
337-68-8	See: TU4156000
337-75-7	See: YM3402500
337-76-8	See: YM3401500
337-78-0	See: YM3402000
337-79-1	See: YM3401000
338-38-5	See: BS8420000
338-43-2	See: VV3630000
338-75-0	See: TY0420000
338-98-7	See: TU3970000
339-32-2	See: SZ8552500
*339-43-5	See: YS4200000
339-44-6	See: DB2910000
339-65-1	See: KO0735500
*339-72-0	See: NY2976000
340-48-7	See: VA3050000
340-52-3	See: VA3675000
340-53-4	See: VA3115000
340-55-6	See: VA3825000
340-56-7	See: VA4025000
340-57-8	See: VA2975000
*340-90-9	See: MA3820000
341-43-5	See: VA3700000
*341-69-5	See: KR6300000
*341-70-8	See: SO4375000
*341-88-8	See: VC5890000
*342-69-8	See: UO8985000
342-95-0	See: AY3400000
*343-27-1	See: MO9450000
343-47-5	See: FC9100000
*343-75-9	See: BX8575000
*343-89-5	See: AC2275000
343-90-8	See: NL7600000
343-94-2	See: NL4375000
344-62-7	See: AN3760000
344-72-9	See: XJ3675000
*345-78-8	See: UL5950000
345-92-6	See: DJ0685000
346-18-9	See: DK9275000
*348-54-9	See: BY1390000
*348-67-4	See: PD0455000
349-04-2	See: DB8945000
349-26-8	See: DO5550000
*349-37-1	See: BX5175000
349-50-8	See: XS9050000
349-89-3	See: DB8943000
350-03-8	See: OB5425000
*350-46-9	See: DA1400000
350-65-2	See: TD3510000
350-90-3	See: GD9080000
351-36-0	See: AN3740000
351-61-1	See: BZ0350000
*351-63-3	See: BX3775000
*351-65-5	See: BX5250000
*352-32-9	See: XT2580000
*352-70-5	See: XT2578000
352-82-9	See: JR3550000
*352-93-2	See: LC7200000
352-95-4	See: PB2170000
353-03-7	See: HD9500000
*353-12-8	See: UF4100000
353-13-9	See: YV8575000
353-14-0	See: YV4025000
353-15-1	See: MK2350000
353-16-2	See: NQ8835000
353-17-3	See: XL0525000
353-18-4	See: UG2330000
353-21-9	See: MK0950000
353-22-0	See: KO0736000
353-25-3	See: RH0700000
353-29-7	See: JR2150000
353-30-0	See: JR2300000
353-31-1	See: JR4200000
*353-36-6	See: KI3650000
353-42-4	See: ED8400000
353-49-1	See: FG5425000
*353-50-4	See: FG6125000
*353-59-3	See: PA5270000
354-06-3	See: KH6540000
354-13-2	See: AP3180000
354-21-2	See: KI1435000
354-23-4	See: KI1106000
354-44-9	See: WO7190000
355-02-2	See: GV7610000
355-75-9	See: GW4610000
355-80-6	See: SA7650000
356-12-7	See: TU3831000
356-18-3	See: GU1760000
356-27-4	See: ET4200000
357-07-3	See: QD2250000
*357-08-4	See: QD2275000
*357-09-5	See: BV8151300
*357-57-3	See: EH8925000
357-66-4	See: XX9275000
357-67-5	See: CQ3774000
357-69-7	See: CQ7750000
358-06-5	See: VV3610000
358-29-2	See: TB4710000
358-37-2	See: KN5600000
*358-52-1	See: FD1150000
358-69-0	See: TE6140000
358-74-7	See: TE5600000
358-88-3	See: TE5040000
359-04-6	See: KU9900000
359-06-8	See: AO6825000
359-10-4	See: KU9920000
359-40-0	See: RO4350000
*359-83-1	See: PB8750000
359-84-2	See: DK8190700
359-85-3	See: DK8191500
*360-53-2	See: KO1925000
360-54-3	See: NQ4690000
360-58-7	See: KN9950000
360-65-6	See: MB9670000
*360-66-7	See: BV8045500
*360-68-9	See: FZ6350000
*360-70-3	See: KG7967000
360-81-6	See: DK8198000
*360-89-4	See: EM8980000
*360-97-4	See: NI3910000
*361-09-1	See: FZ9600000
*361-37-5	See: KE5300000
*362-02-7	See: BP5405300
*362-74-3	See: ES5055000
363-03-1	See: DK6650000
363-13-3	See: GU4670500
*363-17-7	See: AC1050000
363-20-2	See: CV4285000
*363-24-6	See: UK8000000
*363-49-5	See: AC3350070
364-30-7	See: BX3730000
364-62-5	See: BZ3300000
364-71-6	See: VO3325000
*364-74-9	See: CZ5715000
364-92-1	See: AB7350000
364-96-5	See: DK8189500
*364-98-7	See: DK8185000
365-07-1	See: XP2090000
365-26-4	See: DO6600000
*366-18-7	See: DW1750000
*366-70-1	See: XS4725000
*366-71-2	See: YT7525000
*366-93-8	See: GU7025000
367-11-3	See: CZ5655000
*367-12-4	See: SL4530000
367-38-4	See: RD2500000
367-47-5	See: MA6200000
367-51-1	See: AI7700000
368-39-8	See: RR4584700
368-43-4	See: DB8940000
368-47-8	See: VV5250000
368-50-3	See: DB8942500
368-66-1	See: XZ2800000
*368-68-3	See: CY4725000
*368-97-8	See: CH5970000
*369-34-6	See: CZ5710000
369-57-3	See: CZ1727000
369-95-9	See: YP2350000
369-96-0	See: YP2475000
369-97-1	See: YP2800000
370-04-7	See: AH9625000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
370-14-9	See: SL8400000
370-81-0	See: RO2520000
370-86-5	See: FG5775000
*370-89-8	See: AE2990000
370-98-9	See: SL8300000
371-24-4	See: GQ3950000
371-28-8	See: ET1925000
371-29-9	See: ET2275000
*371-40-4	See: BY1575000
*371-41-5	See: SL4550000
371-46-0	See: UA0750000
371-47-1	See: ON3500000
371-50-6	See: MO8370000
371-62-0	See: KL1575000
*371-86-8	See: TD3675000
371-94-8	See: FX5777000
372-00-9	See: EK5980000
372-09-8	See: AG3675000
372-18-9	See: CZ5652000
372-19-0	See: BY1400000
372-37-2	See: AK5500000
372-69-0	See: MO4250000
372-70-3	See: MO4300000
372-74-7	See: AH6250000
372-77-0	See: AH7050000
372-82-7	See: EK4025000
372-90-7	See: EJ8970000
372-91-8	See: EK3900000
372-93-0	See: EL4025000
372-99-6	See: SA3000000
*373-02-4	See: QR6125000
373-05-7	See: MO8050000
373-07-9	See: SA2975000
373-08-0	See: AC1350000
373-09-1	See: AH6500000
373-11-5	See: AJ6900000
373-14-8	See: MO3675000
*373-15-9	See: MP6900000
373-16-0	See: MR0180000
373-17-1	See: SA0380000
373-18-2	See: SA2830000
*373-22-8	See: KL1600000
373-26-2	See: JR3510000
373-28-4	See: MO0950000
373-30-8	See: MO3720000
373-31-9	See: MP4375000
373-32-0	See: MP0875000
373-33-1	See: MN7700000
373-34-2	See: KO0738000
*373-45-5	See: KL1650000
373-50-2	See: XB8430000
373-88-6	See: KS0250000
373-93-3	See: PB2980000
374-99-2	See: EO5190000
*375-01-9	See: EL4130000
375-22-4	See: ET4025000
376-18-1	See: RA7905000
*376-53-4	See: AV2800000
*376-89-6	See: MA5600000
377-00-4	See: NQ8925000
377-38-8	See: WN0725000
*378-44-9	See: TU4000000
*379-79-3	See: KE8225000
379-84-0	See: YM3403500
379-85-1	See: YM3400500
381-46-4	See: WS6501000
381-73-7	See: AG9900000
381-84-0	See: AT7050000
381-85-1	See: EJ7700000
*382-21-8	See: UD1800000
382-67-2	See: TU3834000
382-82-1	See: TN4721610
*382-93-4	See: UF7700000
*384-22-5	See: XT3480000
*385-00-2	See: DG8559000
*387-79-1	See: TU5548000
388-51-2	See: DH9600000
*388-72-7	See: CW6475000
*389-08-2	See: QN2885000
*390-28-3	See: DN3870000
*390-64-7	See: SH6480000
*391-57-1	See: AC0875000
391-70-8	See: BT0175000
392-12-1	See: NM1880000
392-56-3	See: DA3050000
392-83-6	See: XS7980000
*393-52-2	See: DM6640000
*395-28-8	See: DO8050000
*396-01-0	See: UO3470000
396-59-8	See: UT3965000
397-62-6	See: RQ5793000
*398-32-3	See: AE3750000
398-89-0	See: AE1412500
399-24-6	See: HE0770000
399-28-0	See: TY6793000
399-87-1	See: UZ0950000
400-16-8	See: UC2640000
400-44-2	See: EM4295000
*400-99-7	See: GP2984950
401-78-5	See: XS7970000
402-36-8	See: NQ8900000
402-38-0	See: XY2400000
402-46-0	See: DB2630000
*402-54-0	See: XT3510000
402-93-7	See: VI8095000
403-13-4	See: UU4017500
403-90-7	See: YP2660000
404-15-9	See: AH8575000
404-41-1	See: AE1400000
*404-42-2	See: AE2103200
404-72-8	See: NX8750000
404-82-0	See: SH6825000
*404-86-4	See: RA8530000
*405-22-1	See: LT7400000
405-30-1	See: WQ2975200
*405-86-7	See: WJ4550000
406-06-4	See: AH7875000
406-15-5	See: FF8400000
406-20-2	See: ET3500000
406-23-5	See: AH6300000
406-27-9	See: AH9450000
*406-76-8	See: BP2979900
*406-90-6	See: KO4250000
407-25-0	See: AJ9800000
407-34-1	See: YT3870000
407-48-7	See: MO6870000
407-64-7	See: BP3930000
*407-79-4	See: SB2200000
407-81-8	See: EM4950000
407-83-0	See: EU0175000
407-98-7	See: RZ9880000
407-99-8	See: NQ8875000
408-00-4	See: XL1050000
408-07-1	See: ML9500000
408-08-2	See: MO3850000
408-09-3	See: MO4600000
408-15-1	See: RI2700000
408-16-2	See: MJ4550000
408-27-5	See: RH1050000
408-28-6	See: XL0875000
408-35-5	See: RT4945000
408-37-7	See: RG1750000
408-41-3	See: ML9360000
408-43-5	See: RG0190000
408-44-6	See: RG2100000
*409-02-9	See: MJ9700000
*409-21-2	See: VW0450000
*420-04-2	See: GS5950000
*420-12-2	See: KX3500000
*420-24-6	See: CH5950000
*421-20-5	See: LP0720000
*421-53-4	See: KI2850000
422-05-9	See: UB6800000
422-51-5	See: TZ7190000
422-55-9	See: TX4950000
422-63-9	See: TZ0970000
*422-64-0	See: UF6475000
*424-40-8	See: MA3750500
*425-11-6	See: KH7700000
*425-87-6	See: KN6825000
427-00-9	See: QD1730000
*427-01-0	See: GN1040000
*427-45-2	See: WH8276000
*427-51-0	See: GZ2230000
427-98-5	See: SL2200000
*428-13-7	See: AH0100000
428-37-5	See: SM1225000
*428-59-1	See: TZ3400000
428-65-9	See: KH7675000
429-07-2	See: BS6500000
429-10-7	See: BQ6325000
*429-30-1	See: WH8810000
430-50-2	See: UB5775000
430-93-3	See: TX4660000
*431-03-8	See: EK2625000
431-14-1	See: FD4990000
431-21-0	See: TX9275000
431-46-9	See: KL6600000
431-83-4	See: TZ7130000
431-87-8	See: TX5005000
431-93-6	See: UB1475000
*432-60-0	See: KG7960000
433-10-3	See: XT6850000
433-27-2	See: KK9000000
433-44-3	See: ET1900000
433-48-7	See: UZ0900000
*434-03-7	See: TU5570250
*434-05-9	See: BV8408500
*434-07-1	See: BV8060000
*434-13-9	See: FZ2275000
*434-16-2	See: FZ5650000
*434-22-0	See: KG7964000
434-43-5	See: SI3670000
434-64-0	See: XT3530000
*436-30-6	See: CU3855000
*436-32-8	See: VH3708850
*436-40-8	See: DK3327000
*437-38-7	See: UE5550000
*437-50-3	See: ZD6034600
437-73-0	See: HM0510700
*437-74-1	See: QT1500000
*438-41-5	See: DE9450000
438-59-5	See: HP1090000
*438-60-8	See: HP1050000
*438-67-5	See: KG8775000
*439-14-5	See: DF1575000
*439-25-8	See: CU3857500
439-64-5	See: ZG1232000
439-65-6	See: ZG1210000
439-70-3	See: ZG1255000
*440-17-5	See: SP1750000
*440-21-1	See: SF7730000
*440-58-4	See: DG0895000
441-38-3	See: DI1750000
442-51-3	See: UV0175000
*443-30-1	See: NK8350000
*443-48-1	See: NI5600000
*443-76-5	See: QL7355000
443-82-3	See: ZE4560000
*444-27-9	See: XJ5425000
*445-29-4	See: DH0250000
*446-35-5	See: CZ5730000
446-62-8	See: DK8190400
*446-72-0	See: NR2392000
*446-86-6	See: UO8925000
*447-14-3	See: WL6478050
447-31-4	See: AM6825000
*447-53-0	See: QJ4375000
448-32-8	See: HM0485700
448-33-9	See: HM0511400
448-34-0	See: HM0407000
448-35-1	See: HM0511700
*448-61-3	See: UZ1370000
*449-75-2	See: NJ5760000
449-81-0	See: RQ5796000
450-55-5	See: AE3325000
450-94-2	See: DO5977000
450-95-3	See: AM8500000
451-40-1	See: AM9662500
451-61-6	See: DH1225000
451-64-9	See: DH0525000
451-74-1	See: US2120000
451-75-2	See: FI4950000
*452-06-2	See: UO7475000
452-35-7	See: DL6390000
452-58-4	See: US7548000
452-77-7	See: XU6825000
452-80-2	See: XU6650000
*452-86-8	See: UX1915000
453-11-2	See: UA9000000
453-13-4	See: UB1770000
453-16-7	See: TY6791500
453-18-9	See: AH8400000
454-29-5	See: MT0175000
454-41-1	See: ES7120000
*455-14-1	See: XU9260000
*455-16-3	See: XT8050000
455-87-8	See: DG2525000
456-04-2	See: AM6550000
456-05-3	See: DN6847500
456-06-4	See: DH1310000
*456-59-7	See: OO8200000
456-88-2	See: AY6300000
457-23-8	See: UZ1220000
457-45-4	See: MW5296000
*457-60-3	See: WS3680000
457-87-4	See: SH6810000
*458-24-2	See: SH6820000
459-02-9	See: SH7040000
459-22-3	See: AM0210000
459-28-9	See: SH7110000
459-44-9	See: XT0568000
459-72-3	See: AH7175000
*459-80-3	See: RG5380000
459-82-5	See: HD9560000
*459-86-9	See: MF3860000
459-98-3	See: AB5510000
459-99-4	See: AH7525000
*460-07-1	See: CM6300000
*460-19-5	See: GT1925000

BEST COPY AVAILABLE

CAS No.	RTECS No.
460-46-8	See: KI8150000
460-69-5	See: TY0430000
461-28-9	See: TZ6700000
461-29-0	See: TZ6730000
461-31-4	See: PB2150000
461-56-3	See: UF4025000
*461-72-3	See: MT8210000
*461-78-9	See: SH1050000
*461-89-2	See: XY7700000
*462-06-6	See: DA0800000
*462-08-8	See: US1650000
462-12-4	See: RH0750000
462-16-8	See: RG1850000
462-17-9	See: RA5380000
462-20-4	See: RH0525000
462-24-8	See: TZ3850000
462-26-0	See: AH7180000
462-27-1	See: LQ6300000
462-31-7	See: AJ6950000
462-41-9	See: UI2980000
462-43-1	See: UB5950000
462-65-7	See: FZ9880000
462-68-0	See: RA6870000
462-72-6	See: EJ6229000
462-73-7	See: EJ6530000
462-74-8	See: ES2975000
462-94-2	See: SA0200000
*462-95-3	See: PA8500000
463-03-6	See: MQ5270000
*463-04-7	See: RA1140000
463-08-1	See: YQ1950000
463-11-6	See: RG9700000
463-15-0	See: MJ8977000
*463-17-2	See: YQ2450000
463-18-3	See: RA6605000
463-19-4	See: RB3400000
463-24-1	See: RA7875000
463-25-2	See: RA5775000
463-27-4	See: YQ2830000
463-29-6	See: RG1800000
463-30-9	See: YQ2850000
463-31-0	See: KN7050000
463-39-8	See: PA4375000
*463-49-0	See: BA0400000
*463-51-4	See: OA7700000
*463-58-1	See: FG6400000
*463-71-8	See: XN2450000
*463-82-1	See: TY1190000
*463-88-7	See: BT3850000
464-10-8	See: PB0100000
*464-41-5	See: ED6190000
*464-43-7	See: ED7060000
*464-45-9	See: DT5095000
464-48-2	See: EX1250000
*464-49-3	See: EX1260000
464-74-4	See: EI2996000
464-76-6	See: FI6300000
464-81-3	See: EI3160000
465-11-2	See: EI2996800
465-12-3	See: KC0970000
465-13-4	See: WL1993000
465-15-6	See: FH5400000
*465-16-7	See: FH4585000
*465-19-0	See: EI2997000
465-20-3	See: EI2962400
*465-21-4	See: EI2962500
*465-22-5	See: EI3500000
*465-39-4	See: EI2975000
*465-62-3	See: UL7450000
*465-65-6	See: QD2260000
465-68-9	See: OH0875000
465-69-0	See: BV8151500
*465-73-6	See: IO1925000
465-77-0	See: FL4900000
465-84-9	See: GZ5800000
*465-90-7	See: EI3175800
*466-06-8	See: UK6650000
466-07-9	See: FH4906100
466-08-0	See: FH4973000
466-09-1	See: YV1950000
466-10-4	See: MD7810000
466-11-5	See: TU4059000
466-15-9	See: SZ4348000
466-24-0	See: TJ7849250
466-40-0	See: MP1925000
466-49-9	See: CJ0175000
*466-61-5	See: OL2800600
*466-81-9	See: KF3050000
466-90-0	See: QD0955000
466-93-3	See: QC7920000
466-94-4	See: QC7900000
466-95-5	See: QC7600000
466-96-6	See: QD0905000
466-99-9	See: QD2500000
467-04-9	See: QD2097500
467-08-3	See: QC7585000
467-15-2	See: QD0877000
467-22-1	See: ABb400000
*467-36-7	See: CP8400000
467-51-6	See: VP2405000
*467-60-7	See: TN0420000
467-63-0	See: PC4180000
467-68-5	See: OO6950000
467-81-2	See: RK0252000
467-82-3	See: RK0255000
467-85-6	See: MP1650000
468-07-5	See: QD1980000
468-15-5	See: RT0500000
468-18-8	See: EI2969000
468-19-9	See: FH5386000
468-20-2	See: FH4995000
*468-28-0	See: OK5950000
468-56-4	See: NS5650000
468-59-7	See: TN7080000
468-61-1	See: ET1750000
*469-21-6	See: US9250000
469-35-2	See: SZ4345000
469-52-3	See: WG9805000
*469-59-0	See: WG9700000
*469-61-4	See: PB7725000
469-62-5	See: EL2900000
469-65-8	See: WW8200000
469-79-4	See: OB3200000
*470-37-1	See: EI2955000
*470-42-8	See: EI2963000
470-43-9	See: JI0350000
*470-82-6	See: OS9275000
*470-90-6	See: TB8750000
470-94-0	See: TF2025000
471-03-4	See: WR3325000
*471-15-8	See: XO9630000
*471-29-4	See: MF3683000
*471-46-5	See: RO4900000
471-53-4	See: RK0180000
*471-77-2	See: TP8740000
*471-95-4	See: EI3150000
*472-26-4	See: EI2996700
472-43-5	See: SZ5380000
*472-54-8	See: RC8960500
473-37-0	See: BQ5900000
473-41-6	See: YS4552000
473-49-4	See: PB0440000
473-51-8	See: PB0450000
473-67-6	See: YX7525000
473-72-3	See: GU0350000
473-73-4	See: GU0525000
*474-07-7	See: DE3124000
474-08-8	See: WF0193000
*474-25-9	See: FZ1980000
*474-44-2	See: TU4200000
*474-45-3	See: TU4375000
*474-86-2	See: KG6650000
475-25-2	See: DE3120000
475-26-3	See: KJ3500000
*475-38-7	See: QL7970000
*475-54-7	See: DT7321000
*475-83-2	See: CE0350000
476-32-4	See: FL9450000
*476-43-7	See: CB8079000
476-45-9	See: QL7200000
476-56-2	See: CB8210000
476-57-3	See: CB7884000
*476-66-4	See: DJ2620000
476-70-0	See: CE0750000
*477-27-0	See: GH0520000
*477-29-2	See: GH0982000
*477-30-5	See: GH0800000
477-32-7	See: ET5600000
477-33-8	See: GQ5725000
477-47-4	See: TJ8750000
477-57-6	See: NX7285000
*477-62-3	See: GT8815000
*477-73-6	See: SG1623000
477-74-7	See: AR8800000
477-76-9	See: AR7305000
478-08-0	See: CB6712000
478-13-7	See: DR9900000
478-15-9	See: DS0175000
*478-45-5	See: CB8810000
*478-60-4	See: UQ0334000
478-61-5	See: DR9450000
*478-84-2	See: KE2625000
478-94-4	See: OL4025000
478-99-9	See: KE4550000
479-13-0	See: DF8077000
*479-18-5	See: XH5100000
*479-21-0	See: DJ1050000
*479-23-2	See: FZ2625000
*479-45-8	See: BY6300000
*479-50-5	See: XO1605500
479-92-5	See: CD2800000
*480-10-4	See: DJ3080000
*480-16-0	See: LK8749000
*480-18-2	See: LK6920000
480-19-3	See: LK9275450
*480-22-8	See: CB1225000
480-30-8	See: CD2600000
480-44-4	See: DJ3002000
480-49-9	See: RN9800000
*480-54-6	See: VH7525000
480-61-5	See: HM0398000
480-63-7	See: DI0887010
*480-67-1	See: VH3709600
480-68-2	See: CQ7300000
480-73-9	See: UY9454300
*480-75-1	See: VT5704000
*480-79-5	See: NM9080000
*480-81-9	See: VT5977000
480-83-1	See: EK7790000
*480-85-3	See: VH7175000
481-06-1	See: LE3150000
481-30-1	See: BV8395600
*481-39-0	See: QJ5775000
*481-42-5	See: QL8500000
481-49-2	See: FK0527000
*481-64-1	See: LT8524900
*481-72-1	See: CB6712200
481-74-3	See: CB6725000
481-85-6	See: QJ5075000
482-15-5	See: UU8571000
482-25-7	See: LV1049000
*482-36-0	See: DJ3009200
*482-38-2	See: DJ2977500
*482-41-7	See: CU3852500
*482-44-0	See: LV1575000
*482-49-5	See: VS3150000
482-54-2	See: AG5000000
482-74-6	See: DF4935300
*482-89-3	See: DU2988400
*483-04-5	See: AX7875000
483-10-3	See: ZG1025000
483-15-8	See: DR9808500
*483-18-1	See: DK1750000
483-34-1	See: NQ7685000
*483-55-6	See: QL8485000
*483-57-8	See: UW7900000
483-63-6	See: GQ7000000
483-84-1	See: QK1810000
484-12-8	See: GN7700000
484-17-3	See: SF8288000
484-20-8	See: LV1300000
*484-23-1	See: TH8849900
484-47-9	See: NI8710000
*484-49-1	See: UU8824900
*484-78-6	See: AY6475000
*485-31-4	See: GQ5600000
*485-35-8	See: HA4025000
*485-47-2	See: NK5425000
*485-49-4	See: DT4550000
485-50-7	See: EX8585000
485-51-8	See: GM3500000
*485-71-2	See: GD2975000
*485-89-2	See: GD3900000
*486-12-4	See: UT7656000
486-16-8	See: US6330000
*486-17-9	See: KQ8563000
*486-25-9	See: LL8925000
*486-47-5	See: NW7524000
486-74-8	See: GD3850000
*486-84-0	See: UV0280000
486-89-5	See: BV5620000
487-10-5	See: CO1400000
*487-19-4	See: UT6130000
487-48-9	See: VN6650000
487-53-6	See: VO1575000
487-54-7	See: MR8160000
487-61-6	See: XU7550000
487-70-7	See: CU8440000
487-89-8	See: NL5993600
487-93-4	See: NM2800000
*488-00-6	See: EK7879200
*488-04-0	See: AB7450000
*488-10-8	See: GY7301000
488-17-5	See: UX1910000
488-23-3	See: DC0465000
*488-41-5	See: OP2800000
488-47-1	See: UX2430000
488-81-3	See: VJ0800000
489-21-4	See: VQ4210000
*489-72-5	See: WG6390000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
489-84-9	See: CO4790000
*490-02-8	See: CI9625000
*490-10-8	See: GY5840000
*490-31-3	See: LK8780000
*490-55-1	See: XJ4020000
490-78-8	See: AM7700000
*490-79-9	See: LY3850000
490-91-5	See: GU5330000
490-98-2	See: VO1932000
*491-07-6	See: OS9542500
491-11-2	See: SK5250000
491-35-0	See: OH0316000
491-38-3	See: GB7887000
491-54-3	See: LK6915000
491-59-8	See: CB1400000
*491-64-5	See: ZD6034500
491-70-3	See: LK9275210
*491-71-4	See: LK9278000
491-92-9	See: VB4725000
*492-08-0	See: RT0620000
*492-17-1	See: DV2100000
492-18-2	See: OV7875000
492-39-7	See: RC9100000
*492-41-1	See: RC2275000
*492-80-8	See: BY3500000
492-89-7	See: UX2275000
492-94-4	See: LV0580000
493-48-1	See: NX5018500
*493-52-7	See: DG8960000
493-53-8	See: VO0875000
493-78-7	See: KV4550000
493-92-5	See: UY2275000
*494-03-1	See: QM2450000
*494-19-9	See: HN8950000
*494-23-5	See: SA9082000
*494-38-2	See: AR7600000
494-47-3	See: LU1925000
*494-52-0	See: BV4375000
*494-97-3	See: QS6405000
*494-98-4	See: UT7875000
*495-05-6	See: US1816000
*495-18-1	See: DF9650000
*495-48-7	See: CO4025000
495-54-5	See: ST3325000
495-65-8	See: DH0350000
*495-69-2	See: MR8150000
*495-73-8	See: DH6125000
*495-74-9	See: MM3622000
*495-85-2	See: UQ0517000
495-99-8	See: WJ5350500
*496-06-0	See: SA1956000
496-11-7	See: NK3750000
496-41-3	See: DF6490000
*496-67-3	See: YS3150000
496-72-0	See: XS9820000
496-74-2	See: XT2275000
497-15-4	See: WW8740000
497-18-7	See: FF2625000
*497-19-8	See: VZ4050000
*497-25-6	See: RQ2450000
*497-26-7	See: JI3509000
497-38-1	See: RB7680000
497-39-2	See: GO7800000
497-56-3	See: GO9500000
*498-02-2	See: AM8800000
*498-23-7	See: GE6650000
*498-24-8	See: OX5075000
498-66-8	See: RB7900000
498-81-7	See: OS9539000
498-94-2	See: NS5150000
*499-04-7	See: QT2070800
499-06-9	See: DG8734030
*499-12-7	See: UD2380000
*499-44-5	See: GU4200000
499-62-7	See: DH1390000
*499-75-2	See: FI1225000
499-90-1	See: DH1420000
500-00-5	See: OS9800000
*500-28-7	See: TE8050000
*500-34-5	See: TN7875000
500-38-9	See: UX1750000
500-42-5	See: XY3150500
*500-55-0	See: YM4025000
*500-62-9	See: UQ1225200
*500-64-1	See: UQ0518000
500-72-1	See: RP3150000
500-89-0	See: FE0176000
*500-92-5	See: DU1225000
*501-30-4	See: UQ0875000
501-33-7	See: RD0875000
*501-53-1	See: LQ5860000
*501-68-8	See: UE3150000
501-75-7	See: NI3505500
502-12-5	See: LU4550500
*502-26-1	See: LU3850000
502-36-3	See: RA6900000
*502-37-4	See: AY6330000
*502-39-6	See: OW1750000
502-42-1	See: GU3325000
*502-44-3	See: MO8400000
*502-47-6	See: RH3230000
502-49-8	See: GX9800000
*502-55-6	See: LQ7700000
502-56-7	See: RA8230000
*502-72-7	See: GY0900000
502-84-1	See: ET3675000
*502-85-2	See: ET4750000
503-01-5	See: MP9100000
503-09-3	See: TZ3325000
*503-17-3	See: GQ7210000
503-20-8	See: AM0175000
*503-30-0	See: RQ6825000
503-34-4	See: BT0525000
*503-49-1	See: MA3753000
503-66-2	See: MU4375000
*503-74-2	See: NY1400000
*503-80-0	See: CH8150000
503-87-7	See: MU4200000
504-02-9	See: GV0350000
504-03-0	See: OK5775000
*504-15-4	See: VH2100000
504-17-6	See: CQ7700000
504-20-1	See: MI5500000
*504-24-5	See: US1750000
*504-29-0	See: US1575000
*504-60-9	See: RZ2464000
504-62-1	See: UG2275000
504-63-2	See: TY2010000
504-78-9	See: XJ5123700
*504-88-1	See: UF6220000
504-90-5	See: JO1600000
505-12-4	See: NQ8860000
505-13-5	See: XL0700000
505-22-6	See: JG8224000
*505-34-0	See: NX8960000
505-44-2	See: NX8950000
505-57-7	See: MP5880000
*505-60-2	See: WQ0900000
505-66-8	See: HM3850000
505-70-4	See: MM2230000
505-71-5	See: KV4780000
505-75-9	See: MI3950000
506-05-8	See: YQ2000000
*506-12-7	See: MI3850000
*506-30-9	See: JX3780000
*506-32-1	See: CE6675000
506-49-0	See: JX3700000
*506-59-2	See: IQ0220000
*506-61-6	See: TT5775000
*506-64-9	See: VW3850000
*506-68-3	See: GT2100000
*506-77-4	See: GT2275000
506-78-5	See: NN1750000
*506-85-4	See: LS9320000
*506-87-6	See: BP1925000
*506-93-4	See: MF4350000
*506-96-7	See: AO5955000
*507-02-8	See: AP4670000
*507-09-5	See: AJ5600000
*507-19-7	See: TX4150000
*507-20-0	See: TX5040000
507-25-5	See: FG4960000
*507-28-8	See: CI0600000
507-42-6	See: AB3325000
507-59-5	See: EI3850000
*507-60-8	See: VR3520000
*507-70-0	See: ED7000000
507-86-8	See: VQ5250000
*507-87-9	See: FH4919900
507-88-0	See: FH4920700
508-20-3	See: FH5399150
508-44-1	See: JG7875000
*508-52-1	See: FH5100000
508-54-3	See: GG8225000
508-59-8	See: BD9635000
*508-65-6	See: FL4725000
508-66-7	See: QP2625000
508-73-6	See: VQ4725000
508-74-7	See: FH5317000
*508-75-8	See: GL4025000
508-76-9	See: FH4970000
*508-77-0	See: GZ5600000
508-84-9	See: JP8750000
508-92-9	See: FH4451000
508-93-0	See: FH4780000
*509-09-1	See: UF6476000
*509-14-8	See: PB4025000
*509-15-9	See: LX9100000
509-20-6	See: AR5560000
*509-24-0	See: WG0780000
*509-36-4	See: GJ9990000
509-40-0	See: HI3162000
509-55-7	See: QD6895000
509-56-8	See: QC8930000
*509-60-4	See: QC8945000
509-64-8	See: QD0900000
509-67-1	See: QD1585000
*509-67-1	See: QD1575000
509-71-7	See: QC8978000
509-74-0	See: MJ3675000
*509-86-4	See: CQ2450000
509-96-6	See: DJ2625000
510-13-4	See: DN8600000
*510-15-6	See: DD2275000
510-58-7	See: EI3680000
510-59-8	See: WK7525000
510-61-2	See: RW8225000
510-62-3	See: EI3600000
510-83-8	See: ES9900000
*511-09-1	See: KE1400000
511-12-6	See: II3675000
*511-13-7	See: DC7600000
*511-45-5	See: TN2855000
*511-55-7	See: CK2990000
511-70-6	See: ES4300000
512-04-9	See: WH1322870
*512-13-0	See: RB7650000
*512-16-3	See: GU6555200
*512-24-3	See: FK5425000
*512-39-0	See: VH6830000
*512-48-1	See: SB2145000
*512-56-1	See: TC8225000
*512-64-1	See: JW5250000
512-82-3	See: TA2456000
*512-85-6	See: OT0175000
513-10-0	See: BR6985000
513-12-2	See: KL1100000
513-31-5	See: UC8200000
*513-35-9	See: EM7650000
*513-37-1	See: UC8045000
513-38-2	See: TZ4250000
*513-42-8	See: UD5250000
513-44-0	See: TZ7630000
*513-48-4	See: EK4410000
*513-77-9	See: CQ8600000
*513-78-0	See: FF9320000
*513-85-9	See: EK0532000
*513-86-0	See: EL8790000
513-92-8	See: KX4125000
513-96-2	See: OD9450000
*514-10-3	See: TP8580000
*514-21-6	See: FH5423000
514-36-3	See: TU5050000
514-39-6	See: FH5387000
514-42-1	See: FH4900100
*514-65-8	See: TN3675000
514-73-8	See: DL7060000
*515-13-9	See: GU9660000
515-42-4	See: DB7350000
*515-64-0	See: WO9270000
*515-67-3	See: WP3870000
515-69-5	See: MJ9685000
515-83-3	See: KM4725000
515-96-8	See: AF2620000
516-05-2	See: OO1400000
516-12-1	See: WN2817000
516-15-4	See: TU5513000
*516-21-2	See: XY7355000
516-54-1	See: TU4383000
516-55-2	See: TU4383200
*517-09-9	See: KG6125000
*517-16-8	See: OW3850000
517-18-0	See: QK0302500
517-22-6	See: UX9629500
*517-25-9	See: PB7200000
*517-28-2	See: MH7875000
*517-85-1	See: HN0350000
517-89-5	See: QL8000200
*517-92-0	See: CB6750000
*518-15-0	See: AC8752000
518-34-3	See: XE9350000
*518-47-8	See: LM5425000
518-55-8	See: GL0350000
*518-61-6	See: SO9240000
518-63-8	See: SN7525000
518-69-4	See: GN0600000
*518-75-2	See: DJ2275000
*518-82-1	See: CB7920600
*519-02-8	See: OQ1754000
*519-23-3	See: UU8825000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CAS No.	RTECS No.
*519-26-6	See: US7970000
519-37-9	See: XH5850000
519-87-9	See: AB8133000
*519-88-0	See: AB6365000
*519-98-2	See: CD2995850
*520-07-0	See: VO1740000
*520-09-2	See: YQ9000000
*520-18-3	See: LK9275200
*520-26-3	See: MK6650000
*520-36-5	See: LK9276000
*520-45-6	See: UP8050000
*520-52-5	See: NM3150000
520-53-6	See: NM2625000
*520-55-8	See: RC1260000
520-59-2	See: WG6475000
520-63-8	See: UY8405000
*520-68-3	See: EM9252420
520-72-9	See: DL9780000
*520-85-4	See: TU5300000
*521-10-8	See: BV8100000
*521-11-9	See: BV8060050
*521-15-3	See: XA3105500
521-17-5	See: BV8091000
*521-18-6	See: BV8052000
521-24-4	See: QK1490000
*521-35-7	See: HP8575000
521-52-8	See: HF3500000
*521-61-9	See: CB6720000
*521-62-0	See: CB0164000
521-74-4	See: VC5300000
*521-78-8	See: HN9260000
521-80-2	See: HO8730000
*522-00-9	See: SQ4900000
522-12-3	See: UZ5950000
522-16-7	See: LK9225000
522-23-6	See: DH9800000
522-24-7	See: SO5250000
*522-25-8	See: SP4900000
522-27-0	See: LV0590000
*522-40-7	See: WJ5680000
522-47-4	See: OJ8685100
522-48-5	See: NJ4550000
*522-51-0	See: VA0700000
*522-52-1	See: HP3082220
522-60-1	See: MW5950000
522-70-3	See: NY1502900
522-71-4	See: ZG1270000
*523-02-4	See: HQ1793000
523-06-8	See: ZF9300000
523-11-5	See: ZG1225000
*523-44-4	See: DB7085000
*523-50-2	See: LV0940000
523-80-8	See: CY2500000
523-86-4	See: MA4900000
*523-87-5	See: XH5082000
523-88-6	See: VN4960000
*524-06-1	See: GY2770000
524-36-7	See: UV1230000
524-38-9	See: TI5200000
*524-40-3	See: QT3100000
524-42-5	See: QL7000000
*524-83-4	See: RD0525000
524-84-5	See: BA6900000
524-95-8	See: ED6150000
*525-02-0	See: NL4025000
525-03-1	See: LL5130000
*525-05-3	See: QJ6480000
*525-47-3	See: UZ9580000
525-60-0	See: VC5850000
*525-61-1	See: VA9680000
*525-64-4	See: LL6980000
*525-66-6	See: UB7500000
*525-82-6	See: DJ3100630
525-91-7	See: XH8975000
525-94-0	See: XH8213500
525-97-3	See: XH9190000
*526-08-9	See: DA9520000
526-18-1	See: VN8830000
526-26-1	See: DH2925000
526-36-3	See: NJ2380000
526-55-6	See: KL3685000
526-62-5	See: DK3322000
*526-73-8	See: DC3300000
526-75-0	See: ZE5500000
*526-86-3	See: DK4790000
526-99-8	See: LW5180000
527-53-7	See: DC0475000
*527-72-0	See: XM8330200
*527-73-1	See: NI7875000
527-75-3	See: KF4700000
*527-84-4	See: GZ5949900
528-21-2	See: AN0527000
*528-29-0	See: CZ7450000
*528-44-9	See: DC1980000
528-48-3	See: LK9250000
*528-71-2	See: SG1647000
*528-74-5	See: MA1250000
*528-75-6	See: CU5957000
528-90-5	See: DI0887000
*528-92-7	See: YT5775000
*528-94-9	See: VO4900000
*529-05-5	See: CO4780000
529-19-1	See: XV0600000
*529-33-9	See: QL5075000
529-34-0	See: QK4375000
529-44-2	See: LK8646000
529-65-7	See: AE2830000
529-69-1	See: UO3425000
529-81-7	See: PB9260000
*530-31-4	See: OO6475000
*530-35-8	See: DO5775000
*530-36-9	See: KJ5950000
530-40-5	See: NR9810000
530-43-8	See: RT4735000
530-57-4	See: DH2090000
530-65-4	See: VC3245000
*530-78-9	See: CB4375000
530-91-6	See: QL5250000
531-08-8	See: UV6825000
531-09-9	See: US3865000
*531-18-0	See: PC3700000
*531-53-3	See: SP5660000
*531-55-5	See: SO5550000
*531-57-7	See: SP5680000
*531-72-6	See: AI6199900
*531-73-7	See: AR8700000
*531-76-0	See: AY3360000
531-81-7	See: DJ2490000
*531-82-8	See: AC6650000
*531-85-1	See: DD0600000
*531-86-2	See: DD1575000
532-03-6	See: TY8750000
*532-09-2	See: AD9700000
*532-11-6	See: JP1292500
532-12-7	See: UT7660000
*532-27-4	See: AM6300000
532-28-5	See: OO8400000
*532-32-1	See: DH6650000
*532-34-3	See: UP7000000
532-43-4	See: XI7400000
532-49-0	See: BQ5775000
532-54-7	See: MD3325000
*532-59-2	See: EL2850000
*532-62-7	See: EL2625000
*532-76-3	See: UA9800000
532-78-5	See: TL1460000
*532-82-1	See: ST3380000
532-94-5	See: MR8170000
532-96-7	See: DH6299950
*533-06-2	See: FB2710000
*533-28-8	See: TN3325000
*533-31-3	See: SM0890000
533-45-9	See: XJ3850000
*533-51-7	See: RO2900000
533-58-4	See: SL5500000
533-73-3	See: DC4200000
*533-74-4	See: XI2800000
*533-75-5	See: GU4075000
*533-87-9	See: ML9850000
*534-07-6	See: UC1430000
*534-08-7	See: UB1950000
534-13-4	See: YT1520000
*534-15-6	See: AB2825000
534-17-8	See: FK9400000
*534-22-5	See: LU2625000
*534-33-8	See: CF8600000
*534-52-1	See: GO9625000
*534-76-9	See: RA5910000
534-84-9	See: GW2080000
535-02-4	See: GU4600000
*535-13-7	See: UE8870000
535-32-0	See: ES6825100
535-55-7	See: DB7035000
535-65-9	See: WO8760000
535-75-1	See: TK6021000
*535-77-3	See: GZ5949800
535-80-8	See: DG4975990
*535-83-1	See: YF6825000
*535-89-7	See: UV8050000
536-17-4	See: VI8090000
*536-21-0	See: DN7250000
536-25-4	See: DG2750000
*536-29-8	See: SJ5775000
*536-33-4	See: NS0350000
*536-43-6	See: UG8750000
536-46-9	See: ST1300000
*536-50-5	See: DO4565000
*536-59-4	See: OS8395000
*536-60-7	See: GZ7260000
*536-69-6	See: US5625000
536-74-3	See: DA0780000
536-80-1	See: DA3500000
537-00-8	See: FK4900000
*537-05-3	See: MF2000000
537-09-7	See: GP4195000
*537-12-2	See: TZ1101000
*537-26-8	See: YM4200000
537-45-1	See: GU5435000
537-46-2	See: SH4910000
537-61-1	See: DG5775000
*537-92-8	See: AN2875000
*537-98-4	See: GD9275000
538-02-3	See: GY4550000
*538-03-4	See: SJ5600000
538-07-8	See: YE1225000
538-08-9	See: GS6125000
538-09-0	See: RD0700000
*538-23-8	See: YJ7700000
538-28-3	See: UM0738000
538-32-9	See: YS1780000
538-41-0	See: BW7450000
538-42-1	See: GE0700000
*538-43-2	See: TZ1050000
*538-65-8	See: GD8425000
538-66-9	See: GD8925000
538-69-2	See: MF5620000
538-71-6	See: BQ2030000
*538-79-4	See: UT5550000
538-93-2	See: DA3550000
*539-03-7	See: AE1001000
*539-17-3	See: BX5020000
*539-21-9	See: MF5550000
539-35-5	See: XJ6000000
*539-44-6	See: MW0194000
*539-71-9	See: FA9460000
*539-86-6	See: UD1900000
*539-88-8	See: OI1700000
*539-90-2	See: ET5020000
539-98-0	See: QO5830000
540-09-0	See: YD0805000
540-10-3	See: RT4750000
*540-18-1	See: ET5956000
*540-23-8	See: XU7525000
540-24-9	See: ST2800000
540-36-3	See: CZ5658000
*540-37-4	See: BY3850000
*540-38-5	See: SL5600000
*540-42-1	See: UF4930000
540-43-2	See: MQ4830000
*540-51-2	See: KJ8225000
*540-54-5	See: TX4400000
*540-59-0	See: KV9360000
540-63-6	See: KI3325000
*540-67-0	See: KO0260000
540-69-2	See: BQ6650000
*540-72-7	See: XL2275000
*540-73-8	See: MV2625000
*540-80-7	See: RA0802000
*540-82-9	See: WT1101700
*540-84-1	See: SA3320000
*540-88-5	See: AF7400000
*541-09-3	See: YR3675000
541-15-1	See: BP2980000
*541-19-5	See: GA5250000
541-20-8	See: BS0540000
*541-22-0	See: BP5950000
541-23-1	See: NT0200000
*541-25-3	See: CH2975000
*541-28-6	See: EK4412000
*541-41-3	See: LQ6125000
*541-42-4	See: RA0930000
*541-47-9	See: GQ5425000
*541-53-7	See: EC1575000
541-58-2	See: XJ4375000
541-59-3	See: ON4800000
*541-63-9	See: KL9950000
541-64-0	See: BQ6850000
541-66-2	See: BQ2700000
*541-69-5	See: SS9800000
*541-73-1	See: CZ4499000
*541-85-5	See: MJ7350000
541-86-6	See: ES8225000
*541-91-3	See: GY0950000
541-95-7	See: FB5160000
542-28-9	See: UQ1300000
*542-46-1	See: GU2990000
542-51-8	See: YS2700000
*542-54-1	See: YV8588000
*542-55-2	See: LQ8650000
*542-56-3	See: RA0805000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*542-59-6	See: KW7175000
*542-62-1	See: CQ8785000
*542-69-8	See: EK4400000
*542-75-6	See: UC8310000
*542-76-7	See: UG1400000
*542-78-9	See: TX6475000
542-85-8	See: NX8590000
*542-88-1	See: KN1575000
*542-90-5	See: XK9900000
*542-92-7	See: GY1000000
543-15-7	See: MJ3240000
543-17-9	See: GA6125000
543-20-4	See: WN4900000
543-21-5	See: AO9900000
*543-38-4	See: ES7002000
*543-39-5	See: RH3580000
*543-49-7	See: MJ2975000
*543-59-9	See: RZ9865000
*543-63-5	See: OV7700000
543-67-9	See: RA1180000
543-71-5	See: XJ0776700
*543-80-6	See: AF4550000
*543-81-7	See: AF5250000
543-82-8	See: MQ4840000
*543-83-9	See: MF3687000
543-86-2	See: FB2801000
543-87-3	See: NT0187000
*543-90-8	See: EU9810000
543-94-2	See: AJ4725000
544-04-7	See: MJ8970000
544-08-1	See: YQ1750000
*544-13-8	See: YI3500000
*544-16-1	See: RA0780000
544-17-2	See: LQ5600000
*544-18-3	See: LQ7450000
*544-25-2	See: GU3675000
*544-40-1	See: ER6417000
*544-43-4	See: RA8500000
*544-44-5	See: RH2100000
544-51-4	See: YD4587000
*544-62-7	See: TZ0960000
*544-63-8	See: QH4375000
544-85-4	See: JT2360000
*544-92-3	See: GL7150000
*544-97-8	See: ZH2320000
*545-06-2	See: AM2450000
545-26-6	See: FH5391000
*545-32-4	See: VQ5100000
545-49-3	See: FH4774000
545-51-7	See: EI3180000
545-52-8	See: FH4974000
*545-55-1	See: SZ1750000
*545-91-5	See: MJ7184000
*545-93-7	See: CQ1050000
546-02-1	See: LS7200000
546-03-2	See: FH4480000
546-04-3	See: RT0625000
546-06-5	See: GK7620000
*546-46-3	See: GE8360000
*546-48-5	See: TN2240000
546-68-9	See: NT8060000
*546-71-4	See: SZ8020000
*546-80-5	See: XO9625000
*546-86-3	See: AK8157000
546-93-0	See: OM2470000
547-07-9	See: VQ5425000
*547-32-0	See: WP2000000
547-44-4	See: YU1940000
*547-58-0	See: DB6327000
*547-63-7	See: NQ5425000
*547-91-1	See: VC2800000
547-95-5	See: KX5775000
*548-00-5	See: AF5775000
548-27-6	See: DF4936700
548-40-3	See: RR6475000
*548-42-5	See: KE6325000
548-43-6	See: KE6340000
*548-54-9	See: NM2203500
*548-57-2	See: XO1605800
*548-58-3	See: LK8329100
548-59-4	See: DK4220000
*548-61-8	See: PB7350000
*548-62-9	See: BO9000000
*548-65-2	See: LL6220000
*548-66-3	See: GU6825000
548-68-5	See: AH3325000
*548-73-2	See: DE2100000
*548-77-6	See: NR2400000
*548-83-4	See: LK9275500
548-84-5	See: VC3542500
*548-93-6	See: DG2625000
*549-18-8	See: HO9450000
549-31-5	See: DJ2986000
549-76-8	See: ZG1240000
549-79-1	See: LC1285000
*550-24-3	See: DK4230000
*550-28-7	See: YQ8800000
*550-33-4	See: UO9100000
550-49-2	See: AV3085000
*550-60-7	See: QL4500000
550-70-9	See: UT7657000
550-73-2	See: NX4540000
550-74-3	See: UQ9510000
550-82-3	See: SP7700000
*550-83-4	See: DG3066000
550-90-3	See: OK5745000
*550-99-2	See: NJ4375000
*551-06-4	See: NX9100000
*551-11-1	See: UK8020000
*551-16-6	See: XH8225000
551-35-9	See: VN7760000
551-58-6	See: WU2050000
*551-74-6	See: OP2275000
*551-92-8	See: NI5075000
552-16-9	See: DH5050000
*552-25-0	See: UE5296000
*552-30-7	See: DC2050000
552-41-0	See: RT1215000
552-46-5	See: QM3150000
552-62-5	See: ZD8925000
552-72-7	See: TM7132400
*552-80-7	See: WJ5850000
552-86-3	See: LV2100000
*552-89-6	See: CU7300000
552-94-3	See: DH2080000
*553-24-2	See: SG1400000
*553-26-4	See: DW1760000
*553-27-5	See: BW8225000
*553-30-0	See: AR9065000
553-53-7	See: QT1750000
553-54-8	See: OJ5720000
*553-58-2	See: XL4374900
*553-68-4	See: KL4375000
553-69-5	See: DP1050000
*553-84-4	See: SA8935000
553-97-9	See: DK6300000
554-00-7	See: BX2600000
*554-12-1	See: UF5970000
*554-13-2	See: OJ5800000
*554-14-3	See: XM9625000
*554-18-7	See: LZ8100000
*554-24-5	See: ET6750000
554-32-5	See: DW2973000
554-35-8	See: TZ4850000
*554-57-4	See: AC6350000
*554-76-7	See: CJ1330000
*554-84-7	See: SM1925000
554-92-7	See: CV4550000
554-99-4	See: DO5425000
*555-03-3	See: BZ8787000
555-06-6	See: DG2975000
*555-15-7	See: LT7525000
555-16-8	See: CU7350000
555-21-5	See: AM1250000
555-29-3	See: AY5940000
*555-30-6	See: AY5950000
*555-31-7	See: BD0975000
*555-37-3	See: YS3810000
*555-54-4	See: OM3197000
*555-57-7	See: DP6475000
555-60-2	See: FG5600000
*555-65-7	See: GO6833000
*555-66-8	See: HE2097000
555-72-6	See: UA1650000
*555-77-1	See: YE2625000
*555-84-0	See: NJ0875000
*555-89-5	See: PA3890000
555-90-8	See: QS3325000
555-96-4	See: MU8500000
556-12-7	See: XY3214000
556-18-3	See: CU4400000
*556-22-9	See: NJ3825000
*556-24-1	See: NY1510000
*556-52-5	See: UB4375000
*556-56-9	See: UD0450000
*556-61-6	See: PA9625000
556-64-9	See: XL1575000
556-65-0	See: XL1540000
556-72-9	See: UV9625000
*556-82-1	See: EM9472500
*556-88-7	See: MF4605000
556-88-7	See: MF4600000
*556-89-8	See: YT9681400
*556-90-1	See: XJ6276000
557-00-6	See: NY1512000
*557-05-1	See: ZH5200000
*557-07-3	See: ZH4797000
*557-09-5	See: RH0790000
*557-11-9	See: YR7875000
*557-17-5	See: KO2280000
*557-18-6	See: OM3185000
*557-19-7	See: QR6495000
557-20-0	See: ZH2070000
*557-21-1	See: ZH1575000
557-24-4	See: OM9275000
*557-30-2	See: MD2850000
*557-31-3	See: KM9120000
*557-34-6	See: AK1500000
*557-40-4	See: KN7525000
*557-41-5	See: LR0550000
*557-48-2	See: RA5391800
557-66-4	See: KR7600000
557-75-5	See: YZ0495000
557-91-5	See: KH9000000
557-93-7	See: UC7085000
*557-98-2	See: UC7200000
557-99-3	See: AP2800000
*558-13-4	See: FG4725000
558-17-8	See: TZ4251000
558-25-8	See: PB2975000
558-30-5	See: TZ3580000
558-32-7	See: BS8000000
*559-11-5	See: AT4790000
559-40-0	See: GY6000000
*559-49-9	See: CA1190000
*560-53-2	See: FH4919750
560-54-3	See: FH5325000
560-95-2	See: PA5520000
561-25-1	See: XG9490000
*561-27-3	See: QC8050000
561-43-3	See: UY4337820
*561-78-4	See: TN7095000
561-79-5	See: GY3980000
561-94-4	See: KE7200000
*562-09-4	See: KR2975000
*562-10-7	See: US9275000
562-17-4	See: TD3850000
562-21-0	See: EI2967000
*562-74-3	See: OT0175110
562-94-7	See: BA3590000
562-95-8	See: AH9670000
563-11-1	See: YD4570000
*563-12-2	See: TE4550000
*563-25-7	See: WH7125200
*563-41-7	See: VT3500000
*563-43-9	See: BD0705000
*563-45-1	See: EM7600000
*563-46-2	See: EM7550000
*563-47-3	See: UC8050000
*563-54-2	See: UC8300000
*563-63-3	See: AJ4100000
*563-68-8	See: AJ5425000
*563-80-4	See: EL9100000
563-97-3	See: KH6620000
*564-00-1	See: EJ8750000
*564-25-0	See: QI8650000
*564-36-3	See: KE7650000
565-25-3	See: SZ5880000
565-33-3	See: YS7610000
565-36-6	See: OY2210000
565-64-0	See: UF0700000
565-67-3	See: SA7400000
565-99-1	See: TU4157200
566-09-6	See: WF0527000
*566-28-9	See: FZ8708000
566-60-9	See: TU5570000
*566-65-4	See: TU4157150
567-47-5	See: QK8575000
566-53-6	See: LV2476800
*568-69-4	See: BA7350000
*568-70-7	See: CW8925000
*568-75-2	See: CW8750000
568-76-3	See: UQ8500000
*568-81-0	See: CW3325000
569-34-6	See: EV6578000
*569-57-3	See: KV0600000
*569-58-4	See: GU4800000
569-59-5	See: NK9460000
*569-61-9	See: CX9850000
569-64-2	See: BQ1180000
*569-65-3	See: TL1970000
*569-77-7	See: DE1380000
569-90-4	See: DJ3009500
570-22-9	See: NI4760000
570-52-5	See: TU4381200
570-78-5	See: TU4380000
*571-22-2	See: BV8054000
*571-41-5	See: BV8396600
571-60-8	See: QJ4730000
572-48-5	See: GW4200000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

COPY AVAILABLE

CAS No.	RTECS No.
572-83-8	See: CB5950000
*573-17-1	See: SF7197000
573-20-6	See: QJ5250000
573-41-1	See: XH3880000
*573-56-8	See: SL2975000
*573-58-0	See: QK1400000
*573-84-2	See: SG1576550
*573-97-7	See: QL3361000
*574-17-4	See: NL7873800
574-25-4	See: UP0710000
*574-66-3	See: DJ1810000
575-43-9	See: QJ4450000
576-08-9	See: LS6965000
576-22-7	See: CY9020000
*576-26-1	See: ZE6125000
*576-68-1	See: OP2100000
*577-11-7	See: WN0525000
*577-19-5	See: CY9040450
*577-33-3	See: CB1220000
577-47-9	See: MT9100000
577-55-9	See: CZ6350000
577-59-3	See: AM9600000
577-66-2	See: EV6510000
*577-71-7	See: SL3000000
577-85-5	See: LK8650000
*577-91-3	See: MW5150000
577-92-4	See: DV6475000
578-06-3	See: AR7200000
578-07-4	See: AR7270000
*578-32-5	See: BA5075000
*578-54-1	See: BX9800000
578-57-4	See: BZ8500000
578-67-6	See: VC4100000
*578-76-7	See: MF8464000
*578-94-9	See: SG0680000
578-95-0	See: AR6976000
579-10-2	See: AE4900000
579-11-3	See: AE0350000
*579-13-5	See: RK3328000
579-23-7	See: GW2200000
*579-33-9	See: OP4080000
*579-56-6	See: DO8225000
579-60-2	See: SJ4300000
*579-66-8	See: BT3500000
579-92-0	See: DH2960000
580-17-6	See: VA9622000
580-22-3	See: VA9621800
*580-48-3	See: XY5075000
580-74-5	See: KX1625000
581-08-8	See: AM4350000
*581-12-4	See: SA9080000
581-28-2	See: AR7220000
*581-29-3	See: AR7250000
*581-49-7	See: BV6495000
*581-64-6	See: SN5425000
*581-88-4	See: NW7010000
*581-89-5	See: QJ9760000
*581-97-5	See: AC6482700
582-08-1	See: CO1650000
582-17-2	See: QJ4780000
582-22-9	See: SH9520000
582-40-1	See: DN9075000
582-42-3	See: DN9060000
582-61-6	See: DM6478940
*583-03-9	See: DN8780000
*583-15-3	See: OV7060000
583-16-4	See: DH1395000
583-33-5	See: LV1775000
*583-39-1	See: DE1050000
*583-52-8	See: RO2885000
*583-57-3	See: GV0190000
*583-58-4	See: OK9800000
583-59-5	See: GW0220000
*583-60-8	See: GW1750000
*583-63-1	See: DK2490000
583-78-8	See: SK8600000
*583-80-2	See: GU4550000
583-89-1	See: HA2880000
*584-02-1	See: SA5075000
584-03-2	See: EK0380000
*584-08-7	See: TS7750000
584-26-9	See: MT8575000
584-28-1	See: GU5505000
584-33-8	See: SM0525000
*584-79-2	See: GZ1950000
*584-79-2	See: GZ1925000
584-82-7	See: SJ4200000
*584-84-9	See: CZ6300000
584-93-0	See: YV6191500
585-07-9	See: OZ3675500
*585-08-0	See: SF7352000
*585-54-6	See: CF8820000
*585-79-5	See: CY9040500
*586-06-1	See: DO1800000
*586-11-8	See: SL3050000
586-37-8	See: AM9230000
*586-38-9	See: BZ4375000
*586-62-9	See: WZ6870000
586-76-5	See: DG4448050
586-77-6	See: BW9300000
*586-78-7	See: CY9040550
586-95-8	See: UT4691000
586-98-1	See: UT4689000
587-15-5	See: TE5440000
587-46-2	See: UU2504600
*587-61-1	See: UR8925000
587-63-3	See: UQ0517700
*587-65-5	See: AE1000000
587-84-8	See: JJ9285000
*587-85-9	See: OW3150000
*587-98-4	See: DB7329500
588-07-8	See: AE1000100
588-16-9	See: AE8270000
588-22-7	See: AG6830000
588-42-1	See: KL9360000
*588-46-5	See: AB4546300
588-53-4	See: SJ7650000
588-59-0	See: WJ4925000
589-08-2	See: SH9625000
*589-16-2	See: BX9900000
*589-18-4	See: DO9370000
*589-38-8	See: MP1575000
*589-41-3	See: FB1750000
*589-59-3	See: NY1506000
589-61-7	See: YQ2457000
589-79-7	See: MO8300000
*589-82-2	See: MJ3150000
*589-90-2	See: GV0200000
589-92-4	See: GW1750200
589-93-5	See: OK9625000
*589-98-0	See: RH0855000
*590-00-1	See: WG2160000
*590-01-2	See: UE8245000
590-05-6	See: RH1500000
*590-12-5	See: KV7900000
590-14-7	See: UC7080000
*590-21-6	See: UC7175000
*590-28-3	See: GS6825000
590-29-4	See: LQ9625000
590-63-6	See: BR5425000
590-69-2	See: TD3500000
*590-86-3	See: ES3450000
*590-88-5	See: EJ6700000
*590-92-1	See: UE7875000
*590-96-5	See: PC2625000
*591-08-2	See: YR7700000
591-09-3	See: AF3925000
*591-11-7	See: LU5100000
*591-12-8	See: LU5075000
*591-17-3	See: XS7965400
*591-21-9	See: GV0193000
591-23-1	See: GW0200000
591-24-2	See: GW1750100
*591-27-5	See: SJ4900000
*591-33-3	See: AM4300000
591-50-4	See: DA3390000
*591-60-6	See: AK5100000
591-62-8	See: EZ0350000
591-69-5	See: MO8340000
*591-74-2	See: HD9550000
*591-78-6	See: MP1400000
*591-80-0	See: SB2800000
591-82-2	See: NX8780100
*591-87-7	See: AF1750000
*591-89-9	See: TT6230000
*592-01-8	See: EW0700000
*592-04-1	See: OW1515000
*592-05-2	See: OG0175000
*592-31-4	See: YS3675000
*592-34-7	See: LQ5890000
*592-35-8	See: EZ0175000
*592-41-6	See: MP6600100
*592-42-7	See: MM2000000
*592-55-2	See: KN3950000
592-61-0	See: PB2130000
*592-62-1	See: PC2800000
592-65-4	See: WQ4900000
592-79-0	See: SC0900000
592-82-5	See: NX8420500
*592-84-7	See: LQ5500000
*592-85-8	See: XL1550000
*592-87-0	See: XL1538000
*592-88-1	See: BC4900000
*592-92-7	See: RH1510000
*592-95-0	See: NX8944000
593-00-0	See: UI3000000
593-09-9	See: JR4350000
593-11-3	See: JR3500000
593-12-4	See: RG8600000
593-14-6	See: RG8830000
593-15-7	See: RG9600000
593-16-8	See: RH7100000
*593-17-9	See: RG7895000
593-20-4	See: KN4950000
593-22-6	See: KN6200000
593-23-7	See: KN3200000
*593-53-3	See: PA9154000
*593-56-6	See: NC3980000
*593-59-9	See: CH6350000
*593-60-2	See: KU8400000
*593-70-4	See: PA6408000
*593-74-8	See: OW3010000
*593-77-1	See: NC3800000
*593-79-3	See: VS6880000
593-81-7	See: YH2700000
*593-82-8	See: MV2900000
593-84-0	See: XL1225000
*593-89-5	See: CH4375000
593-91-9	See: EB3150000
*594-10-5	See: WJ1225000
*594-27-4	See: WH8630000
*594-31-0	See: CC5095000
*594-34-3	See: TX8810000
*594-42-3	See: PB0370000
594-44-5	See: KI8050000
594-65-0	See: AC9275000
*594-71-8	See: TX5425000
*594-72-9	See: KI1050000
*595-21-1	See: FH4901000
*595-33-5	See: TU4075000
595-48-2	See: WW8750000
595-50-6	See: WR6210000
*595-57-3	See: TU4650000
595-56-8	See: KJ4150000
596-03-2	See: LM5200000
596-11-2	See: KF3675000
596-27-0	See: SM8390000
596-43-0	See: PA5550000
*596-51-0	See: UY4337630
*597-25-1	See: SZ9660000
*597-49-9	See: SA6780000
597-63-7	See: LY5290000
*597-64-8	See: WH8625000
597-69-3	See: EL2400000
*597-88-6	See: TF4900000
597-89-7	See: TG0300000
597-96-6	See: MP0950000
*598-14-1	See: CH3500000
*598-21-0	See: AQ5956000
*598-31-2	See: UC0525000
*598-32-3	See: EM9275050
598-38-9	See: KK4100000
598-41-4	See: MB7510000
598-50-5	See: YT7175000
*598-52-7	See: YT9000000
*598-55-0	See: FC2450000
598-57-2	See: PF8870000
*598-58-3	See: QV0100000
*598-63-0	See: OF9275000
*598-64-1	See: FA0250000
598-72-1	See: UE7700000
*598-73-2	See: KU8830000
*598-74-3	See: UI1100000
*598-77-6	See: TZ8925000
*598-78-7	See: UE8575000
598-79-8	See: AS5952000
*598-92-5	See: KH7875000
*598-99-2	See: AJ8380000
599-52-0	See: GU5600000
599-61-1	See: BY8800000
*599-64-4	See: SL1942450
599-69-9	See: XT5700000
599-71-3	See: MX9350000
*599-79-1	See: VO6250000
599-99-5	See: AJ7600000
600-05-5	See: UF0660000
*600-14-6	See: SA1850000
600-24-8	See: EK5250000
*600-25-9	See: TX5075000
*600-40-8	See: KI1510000
600-52-2	See: TU4381000
*601-54-7	See: FZ7875000
601-76-3	See: TY1600000
*601-77-4	See: IM4360000
*602-01-7	See: XT1400000
602-29-9	See: XU0170000
602-38-0	See: QJ4552000
*602-41-5	See: GH0983000
602-52-8	See: SP7960000
602-60-8	See: CB0715000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*602-64-2	See: CB8198000
602-85-7	See: KE6330000
*602-87-9	See: AB1060000
602-94-8	See: DH6195000
*602-99-3	See: GP3675000
*603-00-9	See: XH5907500
*603-15-6	See: XU0183000
603-33-8	See: EB2960000
*603-34-9	See: YK2680000
*603-35-0	See: SZ3500000
*603-36-1	See: WJ1400000
603-41-8	See: SM8730000
603-50-9	See: SM8750000
603-53-2	See: MF6800000
603-79-2	See: DG8734000
604-49-9	See: DK1439000
604-50-2	See: VA1411500
*604-58-0	See: KD7175000
604-73-9	See: SN8900000
*604-75-1	See: DF1400000
604-81-9	See: CW3500000
*604-88-6	See: DA3000000
*605-23-2	See: XP2100200
*605-32-3	See: CB7179000
605-44-7	See: CB6460000
*605-45-8	See: TI1350000
*605-50-5	See: TI1320000
605-65-2	See: QK3688000
605-69-6	See: QL3850000
605-71-0	See: QJ4551000
605-75-4	See: SP1752000
*605-91-4	See: VC3676870
606-14-4	See: AY6650000
*606-20-2	See: XT1925000
606-22-4	See: BX9200000
606-23-5	See: NK5070000
606-30-4	See: VC3650000
*606-35-9	See: BZ9656000
*606-37-1	See: QJ4550800
606-55-3	See: VA0740000
*606-57-5	See: QM4374000
*606-58-6	See: UY9100000
*606-84-8	See: AS8990000
*606-90-6	See: XH5085000
606-93-9	See: VC3613000
*607-28-3	See: NL7980000
*607-30-7	See: NC4025000
*607-34-1	See: VC1850000
*607-35-2	See: VC1925000
*607-57-8	See: LL8225000
*607-59-0	See: BX7000000
607-71-6	See: GN7791000
607-78-3	See: DN3800000
*607-88-5	See: VO6800000
*607-91-0	See: CY2625000
*608-05-9	See: NL7939300
*608-07-1	See: NL4055000
*608-08-2	See: AI3325000
608-10-6	See: UF7120000
*608-32-2	See: DC1951530
608-71-9	See: SM6125000
*608-73-1	See: GV4950000
*608-73-1	See: GV3150000
*608-93-5	See: DA6640000
609-19-8	See: SN1650000
*609-20-1	See: SS9175000
609-23-4	See: SN2800000
609-27-8	See: SA6750000
609-29-0	See: SA2350000
*609-39-2	See: LU3100000
*609-40-5	See: XN0030000
609-72-3	See: XU5800000
609-78-9	See: QL2275000
*609-86-9	See: CB2999300
609-89-2	See: SL0350000
*609-93-8	See: GO9800000
610-15-1	See: CV5600000
*610-25-3	See: XU0174000
*610-39-9	See: XT2100000
*610-49-1	See: CA9100000
610-51-5	See: AR9380000
610-54-8	See: SI7875000
610-67-3	See: SI7942000
610-71-9	See: DG6290000
*610-88-8	See: UY7425000
611-06-3	See: CZ5420000
611-09-6	See: NL7970000
*611-13-2	See: LV1950000
*611-14-3	See: XT2500000
*611-15-4	See: WL5075900
611-22-3	See: NC5470000
*611-23-4	See: XT3400000
*611-34-7	See: VA9625000
611-59-6	See: RV9380000
611-64-9	See: AR9440000
611-73-4	See: DA1480000
611-74-5	See: CV4500000
611-75-6	See: XS9950000
611-92-7	See: FE0600000
612-12-4	See: ZE4085000
612-13-5	See: XV0920000
612-23-7	See: XS9092000
612-24-8	See: DI4903000
612-60-2	See: VC0560000
*612-64-6	See: BY0480000
*612-71-5	See: WZ6530000
612-82-8	See: DD1226000
*612-83-9	See: DD0550000
612-98-6	See: DP6705100
*613-12-7	See: CB0680000
*613-13-8	See: CA9275000
*613-35-4	See: DI2800000
613-37-6	See: BZ8850000
*613-47-8	See: NC4200000
*613-50-3	See: VC1900000
*613-65-0	See: BX7005000
*613-76-3	See: QJ3401000
*613-89-8	See: AM5775000
613-93-4	See: CV5570000
*613-94-5	See: DH1575000
*614-00-6	See: BY5775000
614-10-8	See: VT4545000
614-13-1	See: DK6125000
614-17-5	See: CV4920000
614-23-3	See: YS1450000
614-26-6	See: CO4050000
*614-34-6	See: DH7050000
614-42-6	See: KL9900000
614-43-7	See: DH1300000
*614-45-9	See: SD9450000
*614-45-9	See: SD9460000
*614-45-9	See: SD9455000
614-50-6	See: DH1400000
614-60-8	See: GD9090000
614-61-9	See: AF9900000
614-78-8	See: YU2975000
614-80-2	See: AE4025000
*614-95-9	See: FB0350000
614-97-1	See: DD9275000
614-99-3	See: LV1850000
615-01-0	See: GP2975000
*615-05-4	See: BZ8580500
615-10-1	See: LV2022500
615-13-4	See: NK7535500
615-15-6	See: DD9100000
615-16-7	See: DE1625000
615-18-9	See: DM4680000
615-20-3	See: DL3150000
615-21-4	See: DL4725000
*615-28-1	See: ST0175000
615-45-2	See: XT0350000
615-48-5	See: BX1395000
615-50-9	See: XT0525000
*615-53-2	See: FC6300000
615-58-7	See: SK8010000
615-65-6	See: XU5110000
*615-66-7	See: SS8925000
615-67-8	See: MX4800000
*615-71-4	See: DC1951540
615-85-0	See: RO2975000
615-96-3	See: MO6825000
*616-02-4	See: GE6825000
616-05-7	See: MO6650000
*616-23-9	See: UB1225000
616-30-8	See: TY2800000
*616-38-6	See: FG0450000
*616-44-4	See: XM9800000
*616-45-5	See: UY5715000
616-47-7	See: NI7000000
*616-68-2	See: AE2075000
616-75-1	See: OO0525000
*616-91-1	See: HA1660000
616-97-7	See: FG2470000
617-05-0	See: YW5425000
617-38-9	See: FA0600000
617-42-5	See: LT1050000
*617-50-5	See: NQ5320000
*617-54-9	See: GE6700000
*617-79-8	See: EO4900000
617-83-4	See: GS6300000
617-84-5	See: LQ1925000
*617-89-0	See: LU9275000
*617-94-7	See: DO4562000
*618-07-5	See: CY5775000
*618-25-7	See: CF9450000
*618-42-8	See: TM3975000
618-45-1	See: SL5800000
618-56-4	See: DG6240000
618-58-6	See: DG6290010
*618-82-6	See: PB1400000
*618-85-9	See: XT2150000
*618-87-1	See: BX9200100
618-93-9	See: DH1365000
*619-01-2	See: OT0175150
619-04-5	See: DG8734020
*619-08-9	See: SK5075000
*619-15-8	See: XT1750000
*619-17-0	See: CB3675000
*619-19-2	See: VO5300100
*619-24-9	See: DI4900000
619-34-1	See: IA1400000
619-50-1	See: DH5775000
*619-60-3	See: SL1120000
*619-72-7	See: DI4903500
619-84-1	See: DG8735000
619-90-9	See: DP0660000
*620-02-0	See: LT7032500
*620-05-3	See: XT2830000
620-22-4	See: XV0525000
*620-27-9	See: XS5950000
*620-29-1	See: TG0100000
620-38-2	See: TH1000000
620-42-8	See: TH1100000
620-45-1	See: NM5655000
620-63-3	See: MB2750000
620-67-7	See: MB2660000
620-71-3	See: UE4600000
*620-88-2	See: KO2680000
620-92-8	See: SL9625000
*620-99-5	See: AD0525000
621-01-2	See: FE0875000
621-08-9	See: DA9275000
*621-09-0	See: AD0725000
621-15-8	See: MO4700000
621-23-8	See: DC2810000
621-24-9	See: TZ1200000
621-40-9	See: YU2900000
621-42-1	See: AE4100000
*621-54-5	See: MW5340000
*621-59-0	See: CU6540000
*621-64-7	See: JL9700000
621-65-8	See: MA9487000
621-70-5	See: MB2700000
*621-72-7	See: DD6206000
621-78-3	See: ED5650000
621-79-4	See: GD6853000
*621-82-9	See: GD7800000
*621-90-9	See: BY5950000
621-92-1	See: SJ7600000
*621-96-5	See: WJ5100000
622-03-7	See: FF2800000
*622-04-8	See: UB4100000
622-08-2	See: KJ7550000
*622-40-2	See: QE3675000
*622-44-6	See: NJ6700000
*622-45-7	See: AG5075000
*622-47-9	See: AJ7569000
622-50-4	See: AE4285000
622-51-5	See: YU4200000
622-52-6	See: YU3325000
*622-57-1	See: XU6450000
622-59-3	See: NX9500000
622-64-0	See: SL1750000
622-78-6	See: NX8250000
622-79-7	See: XS6650000
*622-84-4	See: MV4350000
622-85-5	See: KO3780000
622-88-8	See: MV0800000
622-96-8	See: XT2550000
*622-97-9	See: WL5076000
623-00-7	See: DI2460000
623-03-0	See: DI2800000
*623-07-4	See: OW0525000
*623-10-9	See: NC5480000
623-25-6	See: ZE4100000
*623-26-7	See: CZ1925000
*623-27-8	See: WZ0430000
623-33-6	See: MC0525000
*623-36-9	See: SB2100000
*623-42-7	See: ET5500000
*623-43-8	See: GQ5710000
623-48-3	See: AI3575000
623-50-7	See: MC5410000
623-51-8	See: AI6650000
623-68-7	See: GQ6125000
*623-70-1	See: GQ3500000
*623-73-4	See: AG5775000
623-76-7	See: YS9354000
*623-78-9	See: FA9100000
623-84-7	See: TY4900000

CAS No.	RTECS No.
*623-85-8	See: FD1050000
*623-87-0	See: MA9487500
623-91-6	See: EM5950000
*624-18-0	See: ST0350000
*624-24-8	See: YV7750500
624-43-1	See: MB0200000
624-44-2	See: MP4025000
624-46-4	See: EM0175000
624-48-6	See: EM6300000
*624-49-7	See: EM6125000
624-52-2	See: TY3500000
*624-61-3	See: AO9840000
*624-67-9	See: UD9275500
*624-74-8	See: AP1135000
*624-76-0	See: KL3820000
624-79-3	See: FH4025000
624-82-8	See: LQ4632000
*624-83-9	See: NQ9450000
*624-84-0	See: LQ8615000
*624-91-9	See: RA1050000
*624-92-0	See: JO1927500
625-17-2	See: TE5430000
*625-22-9	See: WS7700000
*625-24-1	See: AJ8300000
*625-28-5	See: NY1750000
*625-33-2	See: SB3850000
*625-45-6	See: AI8650000
625-48-9	See: KL9370000
625-50-3	See: AB8500000
*625-52-5	See: YT2315000
625-53-6	See: YT3700000
*625-55-8	See: LQ8750000
*625-58-1	See: QU7900000
*625-69-4	See: SA0490000
*625-76-3	See: PA8770000
625-86-5	See: LU0875000
626-01-7	See: BY3750000
626-16-4	See: ZE4070000
*626-17-5	See: CZ1900000
*626-19-7	See: NT1981000
626-22-2	See: AM1780000
*626-38-0	See: AJ2100000
*626-48-2	See: YR0700000
626-49-3	See: UV9120000
*626-60-8	See: US6125000
626-61-9	See: US6300000
*626-67-5	See: TN1225000
626-78-8	See: UB2100000
*626-82-4	See: MO6950000
626-86-8	See: AV2030000
*626-89-1	See: NR3020000
626-98-2	See: SB2750000
*627-03-2	See: AH3600000
627-05-4	See: EK5075000
627-11-2	See: LQ5950000
*627-12-3	See: FD0875000
*627-13-4	See: UK0350000
*627-22-5	See: EI9623000
*627-30-5	See: UA8930000
627-43-0	See: KO0730000
*627-44-1	See: OW2350000
627-45-2	See: LQ2725000
627-50-9	See: WQ5330000
*627-53-2	See: VS6870000
*627-63-4	See: LT2800000
*627-72-5	See: AY5075000
627-75-8	See: CF1995000
627-92-9	See: TY7875000
627-93-0	See: AV1645000
628-02-4	See: MN7875000
628-13-7	See: UT4375000
*628-17-1	See: SA2975600
*628-20-6	See: ET9020000
*628-28-4	See: KN5240000
*628-32-0	See: KO0600000
*628-36-4	See: LQ8625000
628-49-9	See: YT5425000
628-51-3	See: AI9075000
*628-52-4	See: AG3000000
*628-63-7	See: AJ1925000
628-65-9	See: FA6450000
*628-73-9	See: MO3900000
628-76-2	See: SA0350000
*628-81-9	See: KN4725000
628-83-1	See: XK8500000
*628-85-3	See: OW3325000
*628-86-4	See: OW4050000
*628-86-4	See: OW4055000
628-87-5	See: AM0650000
*628-89-7	See: KK1350000
*628-92-2	See: GU4615000
628-94-4	See: AU7800000
*628-96-6	See: KW5600000
*629-03-8	See: MO1515000
629-04-9	See: MI8100000
*629-11-8	See: MO2100000
*629-13-0	See: KH8800000
*629-14-1	See: KI1225000
629-15-2	See: KW5250000
*629-20-9	See: GY0175600
629-25-4	See: OF0700000
*629-27-6	See: RG9700100
*629-35-6	See: OW2100000
*629-38-9	See: KL6300000
629-50-5	See: YD3025000
*629-59-4	See: XB8000000
629-60-7	See: YD3500000
629-62-9	See: RZ1800000
629-64-1	See: MK1390500
*629-70-9	See: MM0225200
629-82-3	See: RH8800000
*630-08-0	See: FG3500000
*630-10-4	See: YU1820000
*630-20-6	See: KI8450000
*630-56-8	See: TU5085000
*630-60-4	See: RN3675000
630-63-7	See: ED9770000
*630-64-8	See: MH7440000
630-70-6	See: PA9500000
630-71-7	See: DC8426000
*630-72-8	See: AM2550000
*630-76-2	See: PB4050000
*630-93-3	See: MU1400000
631-06-1	See: TM7630000
631-07-2	See: MU2452000
631-27-6	See: YS6670000
*631-38-9	See: EL2380000
631-40-3	See: BS8410000
631-41-4	See: BS7525000
*631-60-7	See: AI8570000
*631-61-8	See: AF3675000
631-93-6	See: DB3675000
632-14-4	See: YU4600000
632-20-2	See: XO8580000
*632-21-3	See: UC3815100
*632-22-4	See: YU2625000
632-46-2	See: DG8734010
632-47-3	See: CE1054000
*632-69-9	See: LM5920000
*632-73-5	See: SM8400000
*632-85-9	See: LK8331000
*632-99-5	See: CX9855000
*633-03-4	See: BP6825000
*633-34-1	See: BV7988300
633-59-0	See: TL8575000
*633-65-8	See: DR9866400
633-66-9	See: DR9867000
*633-96-5	See: DB7084000
634-03-7	See: QE2300000
634-19-5	See: LL9095000
634-35-5	See: VC3677000
634-60-6	See: VG9840000
*634-66-2	See: DB9440000
*634-90-2	See: DB9445000
*634-93-5	See: BZ0250000
635-05-2	See: QL2280000
*635-22-3	See: BX1750000
635-39-2	See: MF8400000
*635-41-6	See: QF1050000
635-65-4	See: DU3038000
*635-85-8	See: SH3000000
635-93-8	See: VN5450000
636-04-4	See: CV8925000
*636-09-9	See: WZ1223400
*636-21-5	See: XU7350000
*636-23-7	See: XT0175000
*636-47-5	See: WZ7108000
636-53-3	See: NT2500000
636-61-3	See: ON7260000
636-97-5	See: DH5670000
*637-03-6	See: CH8100000
*637-07-0	See: UE9480000
*637-32-1	See: DU1750000
637-33-2	See: MV4635000
*637-50-3	See: DA8400000
637-51-4	See: LQ4677000
637-53-6	See: AE7350000
*637-56-9	See: SI7051000
*637-58-1	See: QD8750000
*637-60-5	See: MW0195000
637-61-6	See: GU5434000
637-62-7	See: GU5625000
*637-78-5	See: UF5140000
637-89-8	See: MX7175000
*638-03-9	See: XU7175000
*638-11-9	See: ET5036000
*638-16-4	See: XZ2830000
*638-21-1	See: SZ2100000
638-23-3	See: AY4342000
*638-29-9	See: YV9107500
*638-37-9	See: WM3200000
*638-38-0	See: AI5770000
638-44-8	See: AB8350000
*638-49-3	See: LQ9370000
638-53-9	See: YD3850000
*638-56-2	See: KN0525000
638-65-3	See: WI5500000
638-90-4	See: BD9275000
*638-94-8	See: TU2800000
639-01-0	See: FH4582000
639-14-5	See: RK0178000
*639-15-6	See: FH5335000
639-34-9	See: WG8700000
639-47-4	See: QD0885000
*639-58-7	See: WH6860000
*639-86-1	See: WF0539000
*640-15-3	See: TE4375000
*640-19-7	See: AC1225000
640-68-6	See: YV9360000
*641-16-7	See: SM9820000
*641-33-8	See: SO5005000
641-38-3	See: HP8757000
*641-81-6	See: FZ5075000
642-15-9	See: NY1503500
*642-44-4	See: YQ8665000
*642-65-9	See: AC0350000
*642-72-8	See: NK7790000
*642-75-1	See: NM1890200
642-78-4	See: XH8750000
642-81-9	See: QN4555000
*642-83-1	See: LZ3990000
*643-22-1	See: KF5790000
643-25-4	See: CZ9170000
*643-28-7	See: BY4200000
*643-79-8	See: TH6950000
643-84-5	See: LK9900000
*644-08-6	See: DV5460000
*644-17-7	See: DK5160000
*644-26-8	See: EL2800000
*644-31-5	See: SD7861000
*644-31-5	See: SD7860000
644-32-6	See: CZ9300000
644-35-9	See: SM8600000
644-59-7	See: CZ9135000
*644-62-2	See: CB2900000
*644-64-4	See: EZ9084000
*644-97-3	See: TB2478000
*645-05-6	See: OS1050000
645-08-9	See: BZ4850000
*645-12-5	See: LV2012000
645-31-8	See: SH2290150
*645-43-2	See: MF3150000
645-48-7	See: VT3850000
*645-55-6	See: BY6645000
*645-56-7	See: SM8610000
*645-59-0	See: MW5604750
*645-62-5	See: MP6300000
645-78-3	See: QC3550000
*645-88-5	See: AF2624000
*646-06-0	See: JH6760000
646-07-1	See: NR2975000
646-20-8	See: MI9020000
646-25-3	See: HD7175000
646-63-9	See: WS4450000
647-53-0	See: GW6400000
650-00-0	See: VV9535000
*650-51-1	See: AJ9100000
651-06-9	See: WP0525000
*652-04-0	See: DI9450000
*652-67-5	See: LZ4380000
653-03-2	See: EL9190000
*654-42-2	See: MX5900000
*654-66-0	See: GP3550000
655-05-0	See: RQ5775000
*655-35-6	See: AG9500000
656-49-5	See: DD7000000
*657-24-9	See: DU1790000
657-27-2	See: OL5650000
*657-84-1	See: XT7350000
*659-30-3	See: YT3980000
*659-70-1	See: NY1508000
660-12-8	See: EK6000000
660-14-0	See: EK6020000
660-21-9	See: TA8300000
*660-27-5	See: AG6475000
*660-68-4	See: IA3084000
661-11-0	See: MJ0700000
661-18-7	See: XL0950000
661-36-9	See: BS8300000
*661-69-8	See: WH8280000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
661-95-0	See: TX8800000
662-50-0	See: ES4725000
663-95-6	See: FH4917000
*664-95-9	See: YS7800000
*665-66-7	See: AU4375000
666-99-9	See: RA5365000
667-24-3	See: DB2950000
668-17-7	See: QI9279200
*668-37-1	See: FA4375000
669-49-8	See: BT4200000
670-04-2	See: SI1825000
670-40-6	See: UL5900000
670-54-2	See: KM7300000
670-64-4	See: AM4378000
*671-04-5	See: FB6825000
*671-16-9	See: XS4550000
671-35-2	See: UW7450000
671-50-1	See: CM6810000
*671-51-2	See: CM6800000
671-52-3	See: CM6805000
671-53-4	See: CM6795000
671-59-0	See: UC0875000
671-95-4	See: CZ9100000
672-06-0	See: FB8750000
672-13-9	See: BZ2800000
672-76-4	See: GU4580000
672-89-9	See: UQ1225500
*673-04-1	See: XY3850000
*673-06-3	See: AY7533000
*673-19-8	See: FB5250000
*673-31-4	See: UB9275000
673-41-6	See: CZ1700000
*673-46-1	See: NI4840000
673-50-7	See: NI7355000
*673-66-5	See: CN4810000
*674-81-7	See: MF4725000
*674-82-8	See: RQ8225000
675-09-2	See: UQ0700000
*675-10-5	See: UQ1000000
675-14-9	See: XZ1750000
*675-20-7	See: TO0110000
675-97-8	See: MN8150000
*676-46-0	See: ON7730000
*676-83-5	See: TB2475000
676-97-1	See: TA1840000
*676 98-2	See: TB2100000
*676-99-3	See: TA1840700
*677-21-4	See: UD2792000
677-43-0	See: TB4025000
677-55-4	See: TX5500000
679-36-7	See: SZ7650000
679-84-5	See: TX4170000
679-99-2	See: TX5530000
680-08-0	See: OO1280000
680-09-1	See: ES5730000
*680-31-9	See: TD0875000
*681-71-0	See: TG5510000
*681-84-5	See: VV9800000
*681-99-2	See: WH8583500
682-09-7	See: TY6667000
682-11-1	See: KM8800000
682-35-9	See: TC2355000
682-42-8	See: TB9630000
682-70-2	See: TC2366000
*683-18-1	See: WH7100000
*683-43-2	See: CH2625000
*683-45-4	See: CH2100000
*683-50-1	See: UE0370000
683-51-2	See: AS1120000
*683-57-8	See: AB4587000
*683-62-5	See: NC3300000
683-72-7	See: AB6475000
*684-16-2	See: UC2450000
*684-82-2	See: CG9100000
*684-93-5	See: YT7875000
*685-09-6	See: AS8575000
*685-91-6	See: AB7000000
*686-07-7	See: EZ5700000
*686-31-7	See: SE0540000
*686-61-3	See: CG9700000
*687-46-7	See: AS6340000
*687-48-9	See: FA1225000
688-62-0	See: TG5700000
688-71-1	See: ED5785000
*688-73-3	See: WH8675000
688-74-4	See: ED4900000
*688-78-8	See: UE0400000
688-84-6	See: OZ4630000
*688-97-1	See: CH0420000
*689-13-4	See: MC0550000
*689-67-8	See: YQ1190000
689-77-0	See: AJ6320000
689-87-2	See: MJ7200000
689-97-4	See: EN0950000
689-98-5	See: KQ8650000
690-39-1	See: TZ3900000
690-49-3	See: UX7175000
*690-94-8	See: MP9880500
*691-88-3	See: OW2275000
692-13-7	See: DU1132000
*692-23-9	See: CG8925000
*692-29-5	See: WM3380000
692-45-5	See: LR0525000
*692-86-4	See: YQ2978400
*692-95-5	See: CG7700000
*693-01-6	See: CG7350000
693-07-2	See: WQ3250000
693-13-0	See: FF2175000
*693-21-0	See: ID6825000
*693-30-1	See: KK1750000
693-46-9	See: MI9000000
693-47-0	See: MI7090000
693-65-2	See: SC2900000
693-98-1	See: NI7175000
*694-05-3	See: UT8226000
694-28-0	See: GY4900000
*694-59-7	See: UT6410000
694-65-5	See: SZ6104100
694-66-6	See: SZ6104000
*694-85-9	See: UV1150000
*695-06-7	See: LU4220000
695-11-4	See: TG7230000
*695-34-1	See: TJ5150000
*695-53-4	See: RP9100000
*695-59-0	See: SZ6103800
695-62-5	See: SZ6101000
*695-67-0	See: SZ6100400
695-77-2	See: GY1577000
696-07-1	See: YR0525000
*696-23-1	See: NI7535000
*696-24-2	See: CH2700000
*696-28-6	See: CH5425000
696-29-7	See: GV5030000
696-54-8	See: UT4100000
696-63-9	See: DC1800000
696-70-8	See: XJ6023100
697-11-0	See: GU1820000
697-89-2	See: BX2900000
697-91-6	See: DK4000000
698-26-0	See: NK7890000
698-31-7	See: VH2820000
*698-49-7	See: GU3829250
*698-63-5	See: LT7200000
*698-67-9	See: CV2365800
*698-87-3	See: SG8589500
699-10-5	See: JO0400000
699-17-2	See: EL8750000
699-18-3	See: LU3325000
*700-02-7	See: AU6650000
700-06-1	See: NL9483000
700-13-0	See: MX7820000
700-58-3	See: AU5018000
700-63-0	See: AB4390000
700-92-5	See: XJ6094700
701-34-8	See: DB0550000
*701-73-5	See: FD8892250
*702-54-5	See: PP6300000
702-62-5	See: HM2480000
703-12-8	See: DB0960000
703-46-8	See: UT5002000
703-80-0	See: OB4520000
703-95-7	See: UV7800000
704-01-8	See: ST4100000
704-38-1	See: XJ9800000
704-56-3	See: RO0650000
705-19-1	See: NI5590000
*705-69-1	See: FD7780000
*705-86-2	See: UQ1355000
*705-87-3	See: AK4100000
705-98-6	See: ME8630000
706-08-1	See: WL4800000
*706-14-9	See: LU4600000
707-09-5	See: HM2770000
707-17-5	See: HM2785000
707-60-8	See: DB0700000
*709-08-0	See: SK6300000
709-55-7	See: DO5600000
709-70-6	See: FD1752500
*709-88-6	See: FD7755000
709-90-0	See: FC6650000
*709-98-8	See: UE4900000
*710-04-3	See: UQ1320000
*710-25-8	See: LT8540000
710-65-6	See: JO5275000
710-86-1	See: HM2710000
710-88-3	See: HM2948000
712-08-3	See: NL4700000
*712-09-4	See: NL8513000
*712-48-1	See: CG9900000
712-50-5	See: OB1760000
*712-68-5	See: XI3600000
712-74-3	See: DB9100000
712-91-4	See: EZ2850000
712-97-0	See: DF4912750
*713-68-8	See: SM7700000
713-83-7	See: EJ7370000
713-86-0	See: EZ2900000
*713-95-1	See: UQ0850000
714-20-5	See: MF5640000
714-61-4	See: HM2488000
714-62-5	See: HM2660000
714-69-2	See: HM2951800
714-70-5	See: HM2946000
*715-48-0	See: VC1225000
715-91-3	See: AU6255000
716-38-1	See: UY5759000
716-76-7	See: DV1925000
716-79-0	See: DE0360000
716-80-3	See: DL6100000
717-17-9	See: FE2600000
717-21-5	See: AT7220000
717-83-9	See: TJ7554500
718-43-4	See: XY3150000
718-69-4	See: HM2950500
718-70-7	See: HM2486000
718-81-0	See: HM2950700
718-82-1	See: HM2951500
*719-22-2	See: DK3970000
*719-48-2	See: QT3040000
*720-69-4	See: XY6895000
721-19-7	See: RQ2800000
*722-23-6	See: BY6000000
722-56-5	See: NN6665000
723-01-3	See: HM2580000
723-11-5	See: HM2720000
*723-46-6	See: WP0700000
723-57-9	See: DK8200000
723-62-6	See: CB8764000
*723-78-4	See: EM9257500
*723-89-7	See: NL7984000
724-18-5	See: YT2000000
*724-31-2	See: LL5650000
*724-34-5	See: UO7512000
*725-04-2	See: AE3500000
*725-06-4	See: AE3675000
725-12-2	See: RO0802500
725-89-3	See: DG4448020
*726-92-1	See: CV2353200
*728-40-5	See: SK8400000
728-53-0	See: UY5915000
728-84-7	See: TZ1925000
*728-88-1	See: UH1575000
729-20-4	See: MF5776000
*729-46-4	See: JO1530000
729-89-5	See: AH2500000
*729-99-7	See: WO9150000
*730-12-1	See: FD7740000
730-19-8	See: YS9367000
730-66-5	See: CQ4079000
731-27-1	See: WO6560000
731-40-8	See: TI4920000
731-76-0	See: NL5998000
731-92-0	See: DV7175000
*732-11-6	See: TE2275000
732-95-6	See: DH0257500
733-01-7	See: NL5996000
733-66-4	See: MF1150050
735-52-4	See: AB4200000
*735-84-2	See: VC2000000
736-40-3	See: DG3500000
736-77-6	See: HM2496000
*737-22-4	See: CW4400000
*737-31-5	See: DG6125000
737-44-0	See: GU4710000
*738-70-5	See: UV8225000
*738-72-7	See: TM7525000
*738-99-8	See: SZ1300000
739-49-1	See: CQ3482000
739-50-4	See: CQ4198700
739-71-9	See: HO1225000
*740-20-5	See: TB1076000
741-39-9	See: HM2690000
*741-58-2	See: TE0250000
741-81-1	See: CQ4198000
*742-20-1	See: DK8750000
743-41-9	See: CQ4198500
743-42-0	See: CQ3497000
743-43-1	See: CP8405000
743-44-2	See: CQ4199500
743-45-3	See: CP8412500

BEST COPY AVAILABLE

CAS No.	RTECS No.
744-80-9	See: CQ0477600
745-10-8	See: LZ2450000
745-31-3	See: CQ1499500
745-32-4	See: CQ3479000
745-33-5	See: CQ1499100
745-34-6	See: CQ1547500
*745-62-0	See: GY4569700
*745-65-3	See: GY4569800
746-52-1	See: CQ3485000
*747-44-4	See: KR5560000
747-78-4	See: CQ7740000
747-79-5	See: CQ3491000
747-90-0	See: FZ5600000
*749-02-0	See: XX8925000
*749-13-3	See: EU3500000
749-48-4	See: HQ6375000
*749-59-7	See: YE1658000
749-72-4	See: FH5330000
*749-86-0	See: YE2102000
751-01-9	See: GE1575000
751-73-5	See: ZF9800000
*751-84-8	See: XF9845000
*751-94-0	See: LV5775000
751-97-3	See: QI9150000
751-98-4	See: MB9900000
*752-58-9	See: WH8880000
*752-61-4	See: IH2030000
*753-53-7	See: ED8250000
*753-73-1	See: WH7245000
*754-34-7	See: TZ3930000
*756-79-6	See: SZ9120000
756-80-9	See: TE0525000
756-91-2	See: SB2160000
*757-44-8	See: TA0997000
*757-58-4	See: XF1580000
*757-58-4	See: XF1577000
*757-58-4	See: XF1575000
*757-88-0	See: SC0220000
758-08-7	See: AC4600000
*758-17-8	See: LQ8940000
*758-24-7	See: KU8500000
758-96-3	See: UE3810000
*759-73-9	See: YT3150000
*759-94-4	See: FA4550000
760-21-4	See: EM7400000
*760-56-5	See: YR7940000
*760-60-1	See: YT5320000
760-79-2	See: ES4319000
*760-93-0	See: OZ5700000
761-65-9	See: LQ1823000
761-89-7	See: BA3600000
*762-04-9	See: TG7875000
*762-12-9	See: HE0781500
*762-13-0	See: RA8435000
*762-16-3	See: SD8430000
762-42-5	See: ES0175000
762-50-5	See: KH7785000
762-51-6	See: KI3700000
762-56-1	See: WS4400000
762-68-5	See: KI8100000
*763-29-1	See: SB2230000
763-30-4	See: RZ2473500
*763-69-9	See: UF3325000
764-39-6	See: SB1550000
*764-41-0	See: EM4900000
*764-42-1	See: LT2300000
764-48-7	See: KM5495000
764-49-8	See: XL2000000
764-71-6	See: RH0784000
*764-99-8	See: KN3850000
765-09-3	See: YD3100000
*765-15-1	See: XK9625000
*765-34-4	See: MB3150000
765-87-7	See: GV0340000
*766-09-6	See: TN0250000
*766-15-4	See: JH0525000
*766-27-8	See: XJ5563000
*766-39-2	See: ON4025000
766-66-5	See: GU3500000
766-69-8	See: CM6815000
766-93-8	See: LQ1825000
766-97-2	See: XT2570000
*767-00-0	See: DI4375000
767-08-8	See: LU5600000
767-10-2	See: UX9800000
767-17-9	See: XZ1050000
767-64-6	See: DK9950000
*768-03-6	See: OB6410000
768-44-5	See: TJ7000000
768-56-9	See: EM9000000
768-66-1	See: TN4220000
*768-94-5	See: YD1925000
768-95-6	See: AU4980000
*769-78-8	See: DI1050000
770-08-1	See: TJ7552000
*770-86-5	See: XJ6061100
*771-29-9	See: MX2625000
*771-51-7	See: AM0700000
771-60-8	See: BY7920000
*771-61-9	See: SM6680000
771-62-0	See: DC1940000
*772-43-0	See: LT8522100
*772-55-4	See: YT3983000
773-17-1	See: GY4680000
773-23-9	See: CM7950000
773-55-7	See: XJ6125400
773-56-8	See: XJ5458000
773-64-8	See: DB8930000
774-07-2	See: UV7720000
774-21-0	See: UY5739000
774-39-0	See: DN5775000
*774-40-3	See: OO7397000
*774-64-1	See: LU4025000
775-06-4	See: YP2278000
*775-11-1	See: YS1820000
775-31-5	See: DA1450000
*776-34-1	See: QM4370000
776-55-6	See: NL4465000
*776-74-9	See: PA5350000
*776-75-0	See: TM4600000
*776-99-8	See: UC1795500
*777-11-7	See: KO1225000
*777-36-6	See: CM6791000
*777-79-7	See: YT9725000
778-28-9	See: XT6400000
778-82-5	See: NL3528000
*779-02-2	See: CB0700000
*779-03-3	See: CB2279000
*779-47-5	See: WZ0525000
780-02-9	See: BZ6300000
780-11-0	See: FB5500000
*780-24-5	See: OW2070000
780-59-6	See: CQ3370000
*780-69-8	See: VV4900000
*781-43-1	See: CA9685000
*781-73-7	See: OB3800000
782-08-1	See: PA6340000
782-45-6	See: CV2335000
*78[illegible]9-6	See: TD5250000
[illegible]6-56-1	See: CQ0459000
786-97-0	See: QK4340000
787-13-3	See: CU5610100
787-70-2	See: DV2975000
787-84-8	See: MV2085000
788-01-2	See: XY3172500
788-56-7	See: GV6800000
*789-02-6	See: KH7910000
789-47-9	See: GC0400000
*789-61-7	See: UP0750000
*790-60-3	See: DM5315000
791-31-1	See: VV4325500
791-35-5	See: DC7599500
791-45-7	See: GV6765000
791-50-4	See: JO4940000
793-06-6	See: AM8487000
*793-24-8	See: ST1100000
*794-00-3	See: CW4410000
*794-93-4	See: PC3200000
794-94-5	See: BZ5300000
795-38-0	See: QD1700000
*795-95-9	See: DU3095000
797-58-0	See: JF7970000
*797-64-8	See: JF8259000
797-70-6	See: SZ2000000
798-64-1	See: VB1175000
*800-22-6	See: SN7800000
*800-24-8	See: DK3325000
801-52-5	See: CN0525000
*802-81-3	See: TU3724000
*803-57-6	See: YD2975000
804-10-4	See: AG9495000
*804-30-8	See: LQ0750000
*804-36-4	See: MF4620000
*804-63-7	See: VA8440000
807-38-5	See: TU3830800
807-97-6	See: KR6708200
808-19-5	See: FH4975070
*811-66-5	See: OM2457800
*811-73-4	See: WH8581000
811-93-8	See: TX8250000
812-00-0	See: TC6594000
814-29-9	See: SZ1575000
814-32-4	See: TB9640000
814-49-3	See: TD1400000
814-67-5	See: TZ2585000
*814-68-6	See: AT7350000
*814-78-8	See: EN0175000
814-82-4	See: OW5600000
*814-91-5	See: RO2670000
*814-94-8	See: XQ3950000
*815-58-7	See: AT7785000
815-84-9	See: OG4800000
816-40-0	See: EL7000000
*816-57-9	See: YT9740000
*816-68-2	See: EJ9971000
816-80-8	See: TG5740000
*817-09-4	See: YE2800000
817-97-0	See: EY8513500
*817-99-2	See: AB4900000
*818-08-6	See: WH7175000
818-23-5	See: RZ2000000
818-44-0	See: RH0789000
*818-61-1	See: AT1750000
819-00-1	See: TX9680000
*819-17-0	See: PA9050000
819-79-4	See: IM4340000
*820-54-2	See: MM3470000
*820-75-7	See: MB9450000
821-06-7	See: EM4725000
821-[illegible]0-3	See: ER9600000
*821-14-7	See: KH4025000
821-48-7	See: IA1225000
821-55-6	See: RA8225000
821-57-8	See: MJ1935000
*822-06-0	See: MO1740000
822-08-2	See: YQ1925000
822-12-8	See: QH4455000
*822-16-2	See: WI4725000
822-36-6	See: NI7350000
822-38-8	See: FG2720000
822-44-6	See: XJ5568000
*822-84-4	See: XN0030100
*822-87-7	See: GW1225000
*823-40-5	See: XS9750000
823-95-0	See: XY6835000
824-11-3	See: TY6650000
824-79-3	See: XT4725000
*825-51-4	See: QK4240000
*825-56-9	See: RO0811300
825-86-5	See: DB2750000
826-03-9	See: LU1050000
*826-10-8	See: SH5250000
826-39-1	See: RB6900000
*826-54-0	See: MU6490000
826-62-0	See: DT5600000
827-36-1	See: AL9625000
*827-52-1	See: CZ1330000
827-61-2	See: VD6195000
*828-00-2	See: AM1350000
828-26-2	See: YL8350000
828-73-9	See: MV8325000
*829-65-2	See: CM6790000
830-03-5	See: AJ1150000
830-41-1	See: DA9420000
830-43-3	See: DB3200000
830-65-9	See: XH6030000
830-93-3	See: NL5170000
*831-52-7	See: TJ7855000
*831-52-7	See: TJ7850000
*831-71-0	See: LT7875000
*832-06-4	See: XJ5131860
832-66-6	See: ZD9220000
832-68-8	See: SF7928500
*832-69-9	See: SF7810000
832-92-8	See: SI2b00000
833-68-1	See: GN4375000
833-86-3	See: UH4428000
*834-12-8	See: XY9100000
*834-24-2	See: WJ3500000
*834-28-6	See: DU2200000
*834-54-8	See: TY4225000
*834-55-9	See: TY4398510
834-90-2	See: CQ3027480
835-31-4	See: NJ4200000
835-64-3	See: SJ7520000
836-30-6	See: JJ9600000
*836-52-2	See: RO0875000
836-73-7	See: MF5795000
*837-03-6	See: TY4225200
837-32-1	See: CQ3014000
837-96-7	See: GN8263000
*838-07-3	See: HA3860000
*838-88-0	See: BY5300000
*838-95-9	See: WJ4000000
839-65-6	See: CQ3027440
840-32-4	See: GN6350000
841-06-5	See: XY9800000
*841-18-9	See: AE7000000
*841-67-8	See: TI4925050
841-72-5	See: CQ1498300

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*841-73-6	See: CQ1497900
841-97-4	See: GN7790000
*842-00-2	See: QK0810000
*842-07-9	See: QL4900000
*842-91-1	See: TY4225600
*843-23-2	See: AL1750000
*843-34-5	See: AE4280000
844-00-8	See: CQ3027530
844-02-0	See: CQ3027620
*844-12-2	See: HQ3150000
844-26-8	See: SM8800000
*845-52-3	See: XY4395000
846-26-4	See: CQ3473000
846-27-5	See: CQ3027680
*846-35-5	See: DE6125000
*846-49-1	See: DF0350000
*846-50-4	See: DF1225000
*847-84-7	See: MP1750000
847-85-8	See: QC8985000
847-86-9	See: QD2850000
*848-21-5	See: RC8960080
*848-53-3	See: HM3930000
848-76-0	See: HQ6327000
848-77-1	See: HQ6337000
848-79-3	See: QJ1378650
849-55-8	See: DO8300000
849-99-0	See: AV0980000
850-52-2	See: KG7745000
850-57-7	See: QD3150000
850-67-9	See: UA7250000
851-01-4	See: DC8434000
851-35-4	See: CQ3476000
851-68-3	See: SO6125000
852-42-6	See: TN1062500
852-55-1	See: UN1250000
853-34-9	See: UQ8540000
853-35-0	See: CB0555500
854-41-1	See: UM6670000
855-08-3	See: DC8433000
*855-19-6	See: BV8380900
*855-22-1	See: BV8060300
856-51-9	See: UM9775000
857-03-4	See: DC8431000
857-31-8	See: CQ3488000
857-95-4	See: AY3340000
858-57-1	See: BP7020000
858-68-4	See: TN2850000
859-18-7	See: RH6315000
*859-18-7	See: RH6315500
859-65-4	See: AN0540000
*860-22-0	See: DU3000000
860-39-9	See: JO1575000
*860-79-7	See: GZ0590030
*861-47 2	See: UI0975000
*863-61-6	See: QL9279500
*865-04-3	See: ZG0525000
*865-21-4	See: YY8050000
*865-24-7	See: YY8180300
865-28-1	See: YP1927C00
865-54-3	See: WS4800000
866-23-9	See: TA0988000
866-32-0	See: SZ4580000
*866-55-7	See: WH7200000
*866-82-0	See: GL7056000
866-84-2	See: GE8255000
866-97-7	See: BS8370000
867-13-0	See: AG9800000
*867-27-6	See: TG1650000
*867-36-7	See: WH7255000
867-44-7	See: UM9050000
867-55-0	See: OJ6311000
868-18-8	See: WW8150000
868-54-2	See: UD2340000
*868-59-7	See: HA1820000
*868-77-9	See: OZ4725000
*868-85-9	See: SZ7710000
*869-01-2	See: YS3850000
*869-24-9	See: YE1050000
*869-29-4	See: UC9625000
869-50-1	See: TY4205000
870-03-1	See: YV4725000
870-05-3	See: AB8750000
*870-08-6	See: WH7620000
870-52-0	See: TB2802500
870-62-2	See: BQ8750000
870-72-4	See: PB2200000
*871-22-7	See: AB2700000
*871-25-0	See: UM0190000
*871-58-9	See: FG1223000
871-71-6	See: LQ1225000
871-74-9	See: HZ9560000
872-35-5	See: NI8515000
*872-36-6	See: FG3325000
872-39-9	See: CM7878000
872-44-6	See: UY4338900
*872-50-4	See: UY5790000
872-73-1	See: TJ7700000
873-32-5	See: DI2625000
*873-57-4	See: TM5900000
*873-58-5	See: QD9680000
*873-66-5	See: WL5075400
873-69-8	See: TJ5100000
*873-74-5	See: BX2320000
873-83-6	See: YQ8750000
*874-21-5	See: GY2975000
874-60-2	See: XV1660000
875-12-7	See: GV7660000
*875-22-9	See: VH7350000
876-27-7	See: AG0875000
876-33-5	See: NC3700000
876-83-5	See: NK5977000
876-85-7	See: UT5005000
876-87-9	See: VC3651000
877-22-5	See: BZ4840000
*877-81-6	See: FD7770000
878-46-6	See: HM2755000
*879-36-7	See: NL4709000
*879-39-0	See: DB9625000
879-61-8	See: GX0875000
879-72-1	See: UH0600000
880-14-8	See: YR8000000
880-47-7	See: HM2515000
880-52-4	See: AB4308000
*881-07-2	See: UZ9830000
881-55-0	See: XJ0770000
881-99-2	See: ZE4650000
882-09-7	See: UE9455000
882-33-7	See: SS6825000
*882-35-9	See: UU4021000
882-52-0	See: HM2482000
*882-58-6	See: SZ5835000
882-62-2	See: HM2730000
882-65-5	See: HM2740000
882-66-6	See: HM2490000
882-67-7	See: HM2670000
*883-20-5	See: SF7816000
*883-40-9	See: PA7200000
883-93-2	See: DL5990000
884-49-1	See: MV9150000
884-65-1	See: HM2484000
884-71-9	See: HM2493000
884-88-8	See: TY4398500
*885-75-6	See: AM5965050
886-06-6	See: UH4410000
886-34-0	See: GO6870000
*886-50-0	See: XY4725000
886-60-2	See: YU1380000
*886-74-8	See: EZ2975000
886-86-2	See: DG2455000
886-87-3	See: CZ1730000
887-17-2	See: HM2951300
889-28-1	See: YS9363000
890-04-0	See: CQ3027770
890-05-1	See: CP8400400
*891-33-8	See: EL2580000
891-99-6	See: HM2804000
892-01-3	See: GV6740000
*892-17-1	See: GY5775000
*892-21-7	See: LL4750000
892-49-9	See: UP0230000
893-53-8	See: UH4388400
*894-09-7	See: WH8582000
*894-52-0	See: GY5715000
*894-56-4	See: TL2275000
*894-71-3	See: HP0175000
896-22-0	See: SB4100000
*897-15-4	See: HQ2975000
*897-55-2	See: VB7000000
897-83-6	See: GN7350000
900-43-6	See: UM6685000
*900-95-8	See: WH6650000
902-83-0	See: AF9100000
902-88-5	See: HM2680000
903-17-3	See: DC8432000
*903-71-9	See: TU5406000
*904-04-1	See: KQ8575000
905-97-5	See: DL7061500
908-20-3	See: UM0850000
*908-35-0	See: UC3060000
908-52-1	See: NY2778000
908-54-3	See: MB7605000
909-39-7	See: TL9100000
909-41-1	See: VC8606000
*910-06-5	See: WH6710500
*911-45-5	See: YE0800000
912-02-7	See: NY2764000
912-12-9	See: NY2934500
*912-60-7	See: NP7225000
*914-00-1	See: QI9275000
914-45-4	See: BS5500000
915-30-0	See: NS5290000
*915-67-3	See: QJ6550000
*917-61-3	See: GS7000000
917-70-4	See: AI5075000
*918-04-7	See: AB3045000
918-21-8	See: EK0650000
*918-37-6	See: KI4130000
918-47-8	See: TD4375000
918-51-4	See: KJ8350000
*918-52-5	See: UB4025000
918-53-6	See: KK1290000
*918-54-7	See: KM5490000
*918-85-4	See: SB3495000
919-16-4	See: GE8232000
*919-28-8	See: WH6500000
919-30-2	See: TX2100000
919-31-3	See: VV2750000
919-38-0	See: TD8510000
919-53-9	See: AI7440000
*919-54-0	See: AI6825000
*919-76-6	See: TE1575000
*919-86-8	See: TG1750000
920-37-6	See: AT5525000
*920-46-7	See: OZ5791000
920-66-1	See: UB6450000
*921-03-9	See: UC3840000
*921-09-5	See: EJ1055000
921-13-1	See: PA6400000
*922-86-1	See: TE1420000
922-89-4	See: AB8763000
923-26-2	See: OZ4750000
923-73-9	See: AJ1495000
923-99-9	See: TH1750000
924-08-3	See: KJ2502000
924-09-4	See: KJ2514000
*924-16-3	See: EJ4025000
924-19-6	See: KJ2512000
924-20-9	See: KJ2499900
924-21-0	See: KJ0449000
924-26-5	See: KJ1097000
*924-42-5	See: AS3600000
*924-43-6	See: RA0800000
*924-46-9	See: UI3850000
*924-84-5	See: DU1965000
*925-15-5	See: WM7750000
925-36-0	See: KJ2498000
925-83-7	See: VS1225000
*926-06-7	See: PB2275000
926-23-8	See: TD4200000
*926-28-3	See: TE1500000
926-52-3	See: KJ0345000
*926-53-4	See: CH5600000
926-57-8	See: EM4760000
*926-63-6	See: UI0990000
*926-64-7	See: AL9450000
*926-93-2	See: EC1490000
*927-07-1	See: SE0950000
*927-07-1	See: SE0952000
927-30-0	See: KJ2509000
927-49-1	See: YQ2828000
927-68-4	See: KJ8227000
927-74-2	See: ES0710000
*928-04-1	See: AP0700000
928-21-2	See: KJ1670000
928-22-3	See: KJ0448000
928-23-4	See: KJ2627500
*928-51-8	See: EL1325000
*928-55-2	See: KO0525000
928-57-4	See: XK8750000
*928-65-4	See: VV4320000
*928-70-1	See: FG1582000
928-72-3	See: AI2975500
*928-95-0	See: MP8390000
*928-96-1	See: MP8400000
*929-06-6	See: KJ6125000
929-08-8	See: KJ2015000
*929-17-9	See: MJ1770000
*929-37-3	See: KM5495500
929-39-5	See: KJ2625100
929-40-8	See: KJ1071000
929-41-9	See: KJ2595000
929-43-1	See: KJ2590000
929-44-2	See: KJ2518000
929-45-3	See: KJ1680000
929-46-4	See: KJ1650000
929-47-5	See: KJ2504000
929-57-7	See: MO1530000
*929-73-7	See: JR6750000
*930-22-3	See: EM7350000
*930-27-8	See: LU2630000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

...T COPY AVAILABLE

CAS No.	RTECS No.
*930-37-0	See: TZ3530000
*930-55-2	See: UY1575000
930-68-7	See: GW7000000
930-73-4	See: UU6300000
930-88-1	See: ON5600000
*931-07-7	See: NX8155950
931-97-5	See: GU7710000
932-17-2	See: UY5717000
*932-52-5	See: YQ8740000
*932-53-6	See: XY8050000
*932-83-2	See: CM3325000
932-88-7	See: DA3400000
933-20-0	See: XY3177000
*933-52-8	See: GU1775000
933-75-5	See: SN1300000
934-22-5	See: DD5785000
934-30-5	See: RB8195000
934-32-7	See: DD5775000
934-73-6	See: WS2670000
934-87-2	See: AJ7559000
935-06-8	See: BX1235000
935-21-7	See: TN4220300
935-22-8	See: TN4220400
935-23-9	See: TN4220200
*935-30-8	See: CN4830000
935-52-4	See: TY6655000
935-70-6	See: VH3720000
935-95-5	See: SM9450000
936-02-7	See: VO3700000
936-52-7	See: QE0685000
*937-14-4	See: SD9480000
*937-14-4	See: SD9470000
*937-40-6	See: DP6300000
937-56-4	See: UB9340000
938-25-0	See: QJ3360000
938-46-5	See: UH0420000
*938-73-8	See: CV4900000
939-08-2	See: UT4395000
939-23-1	See: UT7141000
939-27-5	See: QJ6960000
*939-48-0	See: DH3150000
939-80-0	See: DI3050000
939-87-7	See: GZ0900000
940-41-0	See: VV6475000
940-69-2	See: JP1185000
*941-38-8	See: NJ6472000
941-69-5	See: ON5950000
*941-98-0	See: AL2982800
942-01-8	See: FE6300000
942-27-8	See: NM0525000
*942-31-4	See: XJ4025000
*942-46-1	See: DO4725000
*942-60-9	See: XY3217950
942-72-3	See: XY3218000
943-17-9	See: DO5618000
943-34-0	See: CM0725000
*943-39-5	See: SD9500000
943-59-9	See: AJ2625000
943-62-4	See: NY2933200
*944-22-9	See: TA5950000
945-49-3	See: PC1935000
945-51-7	See: DA9185000
946-23-6	See: UQ8968000
946-31-6	See: SK4200000
946-43-0	See: DO2450000
946-48-5	See: MF4610000
946-88-3	See: AJ2275000
946-96-3	See: NY2933000
*947-02-4	See: NJ6475000
947-04-6	See: CL6940000
947-42-2	See: VV3640000
*947-72-8	See: SF7325050
*947-73-9	See: SG0175000
947-91-1	See: AB2827500
947-92-2	See: HY4300000
948-44-7	See: SP7350000
949-01-9	See: QE8750000
949-02-0	See: BZ3450000
*949-36-0	See: DO1930000
949-56-4	See: XA5100000
949-96-2	See: KJ0216000
949-99-5	See: AY7400000
950-00-5	See: XL1642000
*950-10-7	See: JP1050000
950-35-6	See: TC5250000
*950-37-8	See: TE2100000
*951-39-3	See: HP4725000
*951-77-9	See: HA3800000
*951-78-0	See: YU7490000
951-80-4	See: AR8690000
*952-23-8	See: AR9064000
*952-23-8	See: AR9063000
952-29-4	See: NY2782000
952-37-4	See: DF3703900
952-97-6	See: WQ5620000
953-07-1	See: KJ0445000
*953-17-3	See: TD5425000
953-22-0	See: KJ2522000
953-32-2	See: TE0180000
*955-48-6	See: PB0870700
955-79-3	See: WO8590000
*956-03-6	See: UB8654300
956-06-9	See: BX1795000
956-23-0	See: TY7766000
956-71-8	See: XU6020000
956-74-1	See: KJ2536000
*956-90-1	See: TN2272600
*957-51-7	See: AB8050000
957-56-2	See: NK5700000
957-75-5	See: YU7300000
*958-09-8	See: AU7358600
958-55-4	See: GN8266000
958-58-7	See: GN4935000
958-60-1	See: EL8400000
*958-93-0	See: UT1925000
*959-10-4	See: ES7400000
959-14-8	See: RO0700000
*959-24-0	See: PB0826000
959-32-0	See: NC3480000
*959-73-9	See: WJ4375000
*960-05-4	See: CQ2311000
*960-25-8	See: TC3325000
*960-92-9	See: CX5025000
*961-07-9	See: MF8760000
*961-11-5	See: TB9050000
*961-29-5	See: FL7080000
961-63-7	See: FF2130000
961-68-2	See: JJ8825000
*961-71-7	See: KV1915000
962-13-0	See: DM6540500
*962-32-3	See: CW4900000
963-03-1	See: DB1450000
*963-07-5	See: EL2350000
963-34-8	See: VA2365000
963-39-3	See: DF1925000
*963-89-3	See: CU3480000
*964-52-3	See: FI1600000
964-79-4	See: XU6300000
965-16-2	See: DL4575000
*965-23-1	See: AB7234160
*965-52-6	See: DH2528300
*965-90-2	See: RC8961100
*966-48-3	See: CX0175000
966-90-5	See: QC6475000
*968-03-6	See: AB7234150
*968-58-1	See: TN2856000
*968-59-2	See: ES0775000
*968-81-0	See: YR7350000
*968-93-4	See: VS2200000
*969-33-5	See: TM7050000
*969-99-3	See: SO2275000
970-85-4	See: TN4305000
971-60-8	See: BQ8500000
971-62-0	See: NY2772000
971-71-1	See: NY2762000
*971-74-4	See: NM2550000
971-97-1	See: HO3050000
972-02-1	See: TM4970000
*973-21-7	See: FF9100000
973-28-4	See: TD5190000
973-99-9	See: LQ0700000
*974-29-8	See: WH8638000
974-68-5	See: XX9430000
975-77-9	See: VQ5835000
*976-70-5	See: TU4810000
976-78-3	See: GT9200000
976-90-9	See: HM2540000
*977-79-7	See: TU3832300
978-76-7	See: GG7600000
*979-32-8	See: KG5793000
980-71-2	See: US4025000
981-40-8	See: TB8500000
*981-41-9	See: WH1309800
981-87-3	See: ED3800000
982-12-7	See: VC8607000
*982-43-4	See: TM7750000
*982-57-0	See: AB6905000
983-36-8	See: VC8605000
*985-13-7	See: NW7524100
985-16-0	See: XI0175000
985-32-0	See: XH8660000
985-69-3	See: NY2766000
985-84-2	See: NY2935000
*987-65-5	See: AU7417000
*987-78-0	See: GA4027000
*989-38-8	See: DH0175000
*989-54-8	See: EU1300000
*990-73-8	See: UE5600000
*990-83-0	See: RC6305600
991-30-0	See: DI0879500
*991-42-4	See: RB8750000
992-21-2	See: OL5615000
*992-59-6	See: QK1765000
*993-00-0	See: VV2150000
993-11-3	See: TA2625000
*993-16-8	See: WH6585500
993-86-2	See: SZ8570000
*994-31-0	See: WH6840000
994-43-4	See: LY5390000
995-30-2	See: TD6420000
*996-04-3	See: TA7500000
*996-05-4	See: TB2275000
*996-08-7	See: WH6882000
*996-31-6	See: OD5675000
996-67-8	See: PA5320000
996-98-5	See: RO2840000
*997-95-5	See: JL9655000
*998-30-1	See: VV6682000
998-90-3	See: AS3680000
*999-21-3	See: ON0700000
999-29-1	See: MB9300000
*999-34-8	See: TA8100000
*999-61-1	See: AT1925000
*999-81-5	See: BP5250000
*999-97-3	See: JM9230000
1000-22-2	See: TE6200000
*1000-40-4	See: WH6714200
1000-68-6	See: KJ2113000
1000-77-7	See: KL3200000
*1001-55-4	See: MC7700000
1001-58-7	See: KJ0430000
1002-08-0	See: KJ1079000
*1002-16-0	See: QV0600000
1002-62-6	See: HE0200000
1002-67-1	See: KN9650000
1002-84-2	See: RZ1925000
*1003-10-7	See: XN1930000
1003-11-8	See: TG7210000
1003-14-1	See: SA2700000
*1003-40-3	See: US1821000
*1003-78-7	See: XN0525000
1003-85-6	See: JH4750000
1004-36-0	See: UQ0780000
1004-37-1	See: UQ1500000
1004-74-6	See: UV9730000
1005-24-9	See: UU1925000
*1005-30-7	See: DH3056750
1005-71-6	See: UT8520000
1005-93-2	See: TY6475000
*1006-59-3	See: SL0550000
1006-94-6	See: NL9500000
1006-99-1	See: DL3325000
*1007-22-3	See: JO6826000
1007-33-6	See: GV1575000
1007-49-4	See: UT4700000
1008-15-7	See: DI2975000
1008-49-7	See: NI4529000
*1008-65-7	See: SM5850000
1008-78-2	See: WU7689000
1008-79-3	See: UQ9800000
1009-85-4	See: TK8920000
*1010-48-6	See: MW5158800
1010-60-2	See: QL7450000
*1010-61-3	See: VC0175000
1010-93-1	See: NI3383000
1011-50-3	See: VB8050000
1011-60-5	See: ES7175050
1011-73-0	See: SL3190000
*1011-95-6	See: WH7875000
1012-35-7	See: HM2947000
1012-61-9	See: TE2800000
*1012-82-4	See: XH5775000
1012-84-6	See: DH6190000
1012-86-8	See: GZ6125000
1013-01-0	See: VA1411000
1013-20-3	See: NC4375000
1013-59-8	See: UY7525000
1013-67-8	See: QE2500000
*1013-99-6	See: UQ1280000
1014-52-4	See: GZ6300000
*1014-69-3	See: XZ0175000
*1014-70-6	See: XY4025000
1016-40-6	See: NI3390000
*1016-46-2	See: EZ9010000
1016-82-6	See: WS2700000
1017-08-9	See: NY2786000
1017-56-7	See: PC3675000
*1018-28-6	See: TD9660000
1018-34-4	See: UY3670000
*1018-71-9	See: UX9450000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
1019-45-0	See: NL7380000
1020-35-5	See: FB5600000
1020-39-9	See: CV2467000
1020-76-4	See: XI3601000
1021-91-6	See: HP1350000
1022-22-6	See: KU7040000
*1022-46-4	See: DM3950000
1023-20-7	See: UH4386800
1023-85-4	See: XX9277000
*1024-34-6	See: TA0375000
*1024-57-3	See: PB9450000
1024-65-3	See: XH2390000
1024-99-3	See: YU8060000
1026-88-6	See: UH4375000
1027-12-9	See: CZ9085000
*1027-14-1	See: AE2100000
1027-30-1	See: SG9625000
1027-83-4	See: HM2530000
1028-08-6	See: TA1347000
1028-42-8	See: CQ3027420
1029-62-5	See: XH6493800
1030-06-4	See: ES7528000
1030-93-9	See: TN4220800
*1031-47-6	See: TA1400000
*1031-90-9	See: CQ2310800
1033-68-7	See: TM2535000
1034-01-1	See: LW8225000
1034-46-4	See: WH1265000
1034-48-6	See: QC7660000
1034-61-3	See: HM2700000
*1035-77-4	See: KG7732000
1037-77-0	See: LT7310000
1037-85-0	See: WH1279000
1038-85-3	See: CQ3027560
1038-95-5	See: SZ3880000
1039-59-4	See: SO8050000
1042-85-9	See: CQ3016000
*1042-93-9	See: CQ2310900
1043-10-3	See: BV8383000
*1044-96-8	See: JF8330000
*1045-21-2	See: GY3520000
*1045-29-0	See: RC9050000
1045-95-0	See: CQ3027460
1045-96-1	See: CQ3027740
1045-97-2	See: CP8400450
1047-41-2	See: TL7780000
1047-61-6	See: DH6845000
1047-68-3	See: TL5920000
1047-90-1	See: UM0862000
1048-69-7	See: CQ1498700
*1050-48-2	See: UY4330000
1051-12-3	See: CQ3027650
1053-49-2	See: CQ3494060
*1053-74-3	See: OB4960000
1054-91-7	See: TN4939100
1055-55-6	See: QK7134000
*1057-07-4	See: BV8058500
1057-81-4	See: TM7175000
1059-21-8	See: FH5399200
*1059-86-5	See: FZ5680000
1061-06-9	See: DF2375500
1061-20-7	See: DF2374700
1061-89-8	See: NL8755000
1062-98-2	See: AU7410300
*1063-55-4	See: EL9200000
*1064-06-8	See: LK8985000
1064-65-9	See: DF2370050
*1066-17-7	See: GH1575000
*1066-30-4	See: AG2975000
*1066-33-7	See: BO8600000
*1066-45-1	See: WH6850000
1066-50-8	See: TA1780000
*1066-57-5	See: WH8270000
*1067-14-7	See: TP4025000
*1067-29-4	See: JN8800000
*1067-33-0	See: WH6880000
*1067-47-6	See: VV2785000
1067-53-4	See: VV6826000
1067-62-5	See: BS7860000
*1067-97-6	See: WH8310000
*1067-99-8	See: VV2770000
1068-22-0	See: BP8145000
*1068-27-5	See: MQ9750000
*1068-27-5	See: MQ9760000
1068-52-6	See: AF6475000
*1068-57-1	See: AI1225000
1068-58-2	See: UM9100000
1068-90-2	See: OO0360000
*1069-23-4	See: MM2100000
1069-29-0	See: HA2910000
*1069-66-5	See: YV7876000
1070-01-5	See: YD3675000
*1070-11-7	See: EL3854000
*1070-19-5	See: LQ5270000
1070-42-4	See: KK2800000
*1070-71-9	See: UE0200000
*1070-78-6	See: TZ7000000
1071-22-3	See: UG4900000
1071-23-4	See: KJ5830000
*1071-27-8	See: VV2775000
1071-37-0	See: UM6825000
*1071-39-2	See: OW2975000
*1071-73-4	See: UA4600000
*1071-83-6	See: MC1075000
1071-93-8	See: AV1400000
*1071-98-3	See: AO9860000
1072-13-5	See: MF1310000
1072-15-7	See: WT1165000
1072-43-1	See: FZ2625000
*1072-52-2	See: CM7000000
*1072-53-3	See: JH4800000
*1072-65-7	See: CM6342000
*1072-66-8	See: CM8750000
*1072-71-5	See: XI3850000
1072-85-1	See: DA1050000
*1072-93-1	See: RQ2280000
1073-05-8	See: TY4560000
1073-06-9	See: DA1225000
1073-26-3	See: UC3805000
1073-62-7	See: MU8575000
*1073-77-4	See: CM8694500
*1073-79-6	See: UX5075000
1073-93-4	See: ON5550000
1074-52-8	See: FD0470000
*1074-95-9	See: OS9541500
*1074-98-2	See: UT5775000
1075-30-5	See: OB1228250
1075-38-3	See: XS8225000
1075-61-2	See: SJ6474995
1075-76-9	See: UG0770000
1075-86-1	See: HM2807000
1076-22-8	See: ZD8750000
*1076-38-6	See: DJ3100000
*1076-97-7	See: GU9060000
1076-98-8	See: WZ1420000
1077-11-8	See: BS1165000
1078-01-9	See: NM1884000
*1078-21-3	See: ES7175000
*1078-38-2	See: MU7400000
1078-79-1	See: SY9625000
1079-21-6	See: DV4550000
1079-26-1	See: FE5775000
*1079-33-0	See: FB4725000
1080-32-6	See: SZ6600000
1080-85-9	See: UR6152500
1081-53-4	See: AB5850000
*1081-95-4	See: TF3550000
1082-23-1	See: SI2975000
1082-88-8	See: SI3325000
1082-92-4	See: XN6505000
1083-09-6	See: SI3150000
*1083-27-8	See: DH2204000
*1083-57-4	See: EU0900000
1084-43-1	See: SG1625000
1084-55-5	See: KJ2538600
*1084-65-7	See: XK6360000
*1084-76-0	See: MC0070000
*1085-12-7	See: DH2202000
1085-32-1	See: NY2650000
*1085-34-3	See: TB1690000
1085-42-3	See: SG9880000
1085-52-5	See: KJ2524000
1085-55-8	See: LT7320000
*1085-91-2	See: QJ0930900
*1085-98-9	See: WO6475000
1086-02-8	See: US7960000
1086-85-7	See: TN3540000
1087-04-3	See: NY2939000
*1087-06-5	See: UH0525000
1087-21-4	See: NT2275000
*1088-11-5	See: DF1750000
1088-64-8	See: XH6493850
1088-79-5	See: AY3380000
1088-80-8	See: AY3380010
1088-87-5	See: NY2934000
1088-95-5	See: DH5830100
1090-07-9	See: QJ1360000
*1090-16-0	See: QL7351000
1090-85-3	See: NY2936500
1091-12-9	See: LT7490000
1092-01-9	See: QJ1320000
1092-11-1	See: QJ1395000
1092-46-2	See: EU2322000
*1093-60-3	See: BV8087550
1095-03-0	See: ED5775000
*1095-90-5	See: MJ6300000
1097-57-0	See: NI8925000
*1098-60-8	See: SO8925000
1098-87-9	See: XH9277000
1099-31-6	See: UU6000000
1099-33-8	See: UU4023000
1099-73-6	See: BP9050000
1100-25-0	See: DF2368560
1102-19-8	See: DW1930000
1102-42-7	See: UU4022000
1102-47-2	See: US6500000
1102-70-1	See: UU3877000
1102-88-1	See: FH5200000
*1103-05-5	See: WH6733800
1104-22-9	See: TL2005000
1105-66-4	See: UU7050000
*1108-68-5	See: EI2991000
1109-83-9	See: QD0260000
*1110-80-1	See: QI8575000
1111-39-3	See: IH2450000
*1111-44-0	See: ZF9385000
*1111-78-0	See: EY8575000
1111-91-7	See: LY5150000
1113-01-5	See: TE0360000
*1113-02-6	See: TF8050000
1113-10-6	See: MF0175000
*1113-14-0	See: KU8085000
*1113-38-8	See: RO2750000
*1114-71-2	See: EZ0400000
1115-15-7	See: YZ9800000
*1115-47-5	See: PD0500000
*1115-70-4	See: DU1800000
1115-84-0	See: WR7440000
*1116-54-7	See: KL9550000
1116-61-6	See: ED2450000
*1116-70-7	See: BD1820000
*1116-76-3	See: RG8225000
*1117-55-1	See: RH0763500
1117-71-1	See: GQ3120000
1117-72-2	See: LQ1800000
*1118-12-3	See: YS3680000
*1118-14-5	See: WH6475000
*1118-27-0	See: RG5927200
*1118-39-4	See: RH3585000
*1118-42-9	See: WH7250000
*1118-46-3	See: WH6780000
1118-92-9	See: RG7950000
1119-16-0	See: YV4200000
1119-34-2	See: CF1995500
*1119-68-2	See: MV8350000
1119-76-2	See: SE0600000
1119-85-3	See: MP6750000
1119-94-4	See: BQ3195000
*1119-97-7	See: BT2677000
1120-00-9	See: TZ6450000
*1120-01-0	See: MM0225700
*1120-04-3	See: WT1170000
*1120-10-1	See: RA6700000
*1120-21-4	See: YQ1525000
*1120-46-3	See: OG2200000
1120-48-5	See: JF9300000
*1120-71-4	See: RP5425000
*1120-85-0	See: CM6660000
*1120-96-3	See: UT9600000
*1120-99-6	See: XY2969000
1121-30-8	See: UT9625000
*1121-31-9	See: UT8999000
1121-47-7	See: LT7900000
1121-70-6	See: GP3133000
1121-74-0	See: SK5950000
1121-92-2	See: CN4825000
1121-97-7	See: JH1942500
1122-10-7	See: ON5100000
1122-44-7	See: HA6125000
1122-54-9	See: OB5426000
1122-56-1	See: GU7875500
1122-58-3	See: US9230000
*1122-60-7	See: GV6600000
1122-82-3	See: NX8480000
*1122-90-3	See: BW7360000
1122-91-4	See: CU4810000
1123-34-8	See: GV8100000
1123-61-1	See: ON5200000
*1123-85-9	See: SG8590000
*1123-91-7	See: DK7450000
1123-97-3	See: DE2110000
*1124-11-4	See: UQ3905000
1124-13-6	See: GU1680000
1124-33-0	See: UT6380000
1124-54-5	See: EZ3500000
1124-69-2	See: TM7130000
*1125-27-5	See: VV3270000
*1125-78-6	See: QL5300000
*1125-88-8	See: CU5774000
1125-96-8	See: UT7700000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
1126-34-7	See: DB5020000
*1126-48-3	See: OV8070000
*1126-78-9	See: BW9450000
1126-79-0	See: KN5300000
1127-09-9	See: MA5250000
1127-45-3	See: VC8238500
*1127-59-9	See: NL7939500
1127-76-0	See: QJ6950000
1128-05-8	See: OB6125000
*1128-08-1	See: GY7302000
1128-53-6	See: UQ6125050
1128-67-2	See: DL7160000
1128-92-3	See: SL8925000
1129-37-9	See: CU7450000
*1129-41-5	See: FC8050000
1129-50-6	See: ES5230000
*1129-52-8	See: AB2660000
1130-06-9	See: RC3700000
1130-51-4	See: BR1770000
*1130-69-4	See: VC2200000
1131-09-5	See: AF4800000
1131-18-6	See: UQ4990000
1132-20-3	See: CL5449000
*1132-39-4	See: SX1825000
1132-96-3	See: MA4430000
*1133-64-8	See: BV4550000
1133-72-8	See: NK5075000
*1134-23-2	See: GU7200000
*1134-47-0	See: MW5084200
1135-32-6	See: UU1050000
1135-61-1	See: CQ4985000
*1135 99-5	See: WH7253000
1136-45-4	See: NY2750000
*1136-84-1	See: FC7700000
*1137-00-4	See: UY8810000
1137-41-3	See: DJ0175000
*1137-79-7	See: DU9090000
*1138-80-3	See: MB9129000
1139-30-6	See: RP5530000
*1141-35-1	See: DM4812500
1141-37-3	See: DG4418000
1141-88-4	See: BX9540000
*1142-70-7	See: CQ0700000
1143-30-2	See: XH2370000
1145-04-6	See: AM8234000
*1145-73-9	See: WJ3850000
1146-04-9	See: WH0204350
*1146-44-7	See: DB5630000
1146-95-8	See: EO4807000
1146-98-1	See: NK5150000
*1146-99-2	See: NK5250000
*1147-55-3	See: AC3350050
*1147-62-2	See: YV9100000
1147-97-3	See: NL6900000
*1148-11-4	See: UY0745000
1149-41-3	See: HQ6600000
1149-65-1	See: AB5824200
*1149-99-1	See: WH0204300
1150-41-0	See: DK1350000
*1153-30-6	See: TC5600000
1154-12-7	See: DL8400000
1154-59-2	See: VN8900000
1155-03-9	See: XJ4500000
*1155-38-0	See: CW5075000
*1155-49-3	See: UH4420000
1155-65-3	See: GU7039000
1155-70-0	See: GU7129000
1156-05-4	See: MA4130000
*1156-19-0	See: YT4400000
1159-03-1	See: HP1118000
1159-84-8	See: HQ6331000
1159-89-3	See: VA3137300
*1160-36-7	See: DG0920000
*1161-13-3	See: AY4343000
1161-44-0	See: GU7125000
1162-06-7	See: TP3922200
*1162-65-8	See: GY1925000
1162-97-6	See: HQ6335000
*1163-19-5	See: KN3525000
*1163-36-6	See: DD6730000
*1164-38-1	See: BQ5600000
1165-06-6	See: US7976000
*1165-39-5	See: LV1720000
*1165-48-6	See: LK8400000
1166-06-9	See: TL9420000
1166-33-2	See: GD7475000
1166-52-5	See: DH9100000
1166-64-9	See: GU7086000
1166-85-4	See: BO4600000
1167-20-0	See: CM0244000
1167-88-0	See: DI2300000
1167-95-9	See: XO0630000
*1169-26-2	See: GU8560000
*1169-79-5	See: KG7395000
1170-02-1	See: MC0595000
1170-51-0	See: AB4549200
1170-63-4	See: GU7099000
1170-80-5	See: GU7121000
1170-82-7	See: GU7101000
*1172-18-5	See: DF0875000
*1173-26-8	See: GM7820000
*1173-88-2	See: XH9100000
1174-19-2	See: GU7083000
*1174-83-0	See: TG2950000
1175-60-6	See: HQ6333000
*1176-03-0	See: UL4900000
1176-08-5	See: KR6650000
*1177-30-6	See: XH9320000
*1177-37-3	See: TU4050000
1178-29-6	See: ZG1050000
1178-99-0	See: YE1660000
1179-69-7	See: SP0350000
*1182-34-9	See: GD8970000
*1182-87-2	See: FH4915000
*1183-12-6	See: PB9268000
1183-35-3	See: FH4551000
*1184-57-2	See: OW4900000
1185-33-7	See: EL2275000
1185-55-3	See: VV4650000
*1185-57-5	See: GE7540000
1185-64-4	See: UI5150000
1185-93-9	See: UI0860000
1186-09-0	See: TG3700000
1186-90-9	See: CI9455000
*1187-00-4	See: OP2975000
1187-03-7	See: YU2100000
1187-33-3	See: UE3500000
1187-46-8	See: AF5958000
1187-58-2	See: UE4515000
1187-59-3	See: AS3676000
1187-66-2	See: AC2625000
1189-79-3	See: EM2890000
1189-80-6	See: ER9540000
*1189-85-1	See: GB2900000
1189-87-3	See: TA8110000
1190-16-5	See: ET9100000
1190-33-6	See: AB6650000
*1190-53-0	See: DU1135000
1190-73-4	See: AC4620000
1190-87-0	See: KJ2542000
1190-88-1	See: KJ0340000
1190-89-2	See: KJ2520000
1190-93-8	See: AF1665000
*1191-15-7	See: BD0710000
*1191-16-8	See: EM9473700
1191-43-1	See: MO3500000
1191-49-7	See: KJ1660000
*1191-50-0	See: XB8660000
1191-62-4	See: RG9610000
*1191-79-3	See: WI2830000
*1191-80-6	See: OW8600000
1192-16-1	See: XM8825000
*1192-22-9	See: SA2710000
1192-28-5	See: GY5150000
1192-30-9	See: LU6000000
1192-58-1	See: UX9350000
*1192-89-8	See: OV7430000
1192-91-2	See: UP7250000
1193-02-8	See: DC0602500
*1193-24-4	See: UW7523000
1193-54-0	See: ON5150000
1193-92-6	See: UT4060000
1194-21-4	See: UW5995000
1194-36-1	See: JH2275000
*1194-65-6	See: DI3500000
*1195-16-0	See: AC8680000
1195-36-4	See: CO1688000
1195-42-2	See: GX1450000
*1195-67-1	See: TA1460000
*1195-69-3	See: SZ5825000
*1195-79-5	See: RB7875000
1196-57-2	See: VD3630000
*1197-16-6	See: DG3400000
*1197-18-8	See: GU8400000
*1197-21-3	See: SH4950000
*1197-55-3	See: AF3550000
1197-60-0	See: BR7980000
1198-26-1	See: UT5008000
*1198-27-2	See: QL3335000
1198-55-6	See: UX2449000
1198-77-2	See: YU7062000
*1198-97-7	See: UY5912000
1199-02-0	See: RO0900000
1199-03-7	See: VD2450000
*1199-18-4	See: DC4580000
*1199-85-5	See: SH0875000
1200-00-6	See: NR9450000
1200-09-5	See: SL9100000
1200-89-1	See: PC4810000
1201-99-6	See: GD8575000
*1202-36-4	See: DB9062000
1203-24-3	See: ON5025000
1203-99-2	See: NL4620000
*1204-06-4	See: NL3680000
*1204-59-7	See: DV6150000
*1204-69-9	See: SJ7757000
*1204-78-0	See: DV0250000
*1204-79-1	See: DV6125000
1205-09-0	See: AM6100000
1205-89-6	See: YR8070000
1206-38-8	See: JH9400000
1206-85-5	See: DC1977000
1207-71-2	See: SP3675000
1207-94-9	See: YR7920000
1208-03-3	See: CU4800000
1208-04-4	See: CU4803000
1208-05-5	See: RO0811500
1208-18-0	See: CV3470000
1208-52-2	See: BY5400000
1209-31-0	See: OO6600000
1209-98-9	See: RB6650000
1210-05-5	See: JJ3850000
1210-33-9	See: HO8302000
1210-34-0	See: HP1100000
1211-00-3	See: EZ4200000
*1211-28-5	See: UY2450000
*1211-40-1	See: DV0350000
1212-08-4	See: DB8050000
1212-25-5	See: AC2800000
*1212-29-9	See: YS9300000
1212-30-2	See: YS2778000
1212-37-9	See: BR4025000
1213-60-1	See: XH6040000
1214-28-4	See: QJ9675000
1215-07-2	See: WJ6825000
1215-16-3	See: AD9300000
1215-23-2	See: NY2774000
1215-24-3	See: NY2937500
1215-25-4	See: NY2938000
1215-34-5	See: QJ9680000
1215-36-7	See: DU2045000
1215-59-4	See: NL4850000
*1215-83-4	See: DA0500000
1217-24-9	See: XH5205000
*1217-96-5	See: TE7400000
*1217-97-6	See: TE6950000
*1217-98-7	See: TE7600000
*1218-13-9	See: TE2000000
*1218-14-0	See: DM5276540
*1218-34-4	See: YN6160000
1219-16-5	See: NY2936000
1219-20-1	See: RO0730000
1219-21-2	See: NY2937000
*1219-38-1	See: DH2529050
1220-00-4	See: YS2660000
1220-83-3	See: WP0550000
1220-94-6	See: CB5745000
*1221-05-2	See: WM4240000
*1221-56-3	See: MW5200000
*1222-05-5	See: GY0790000
*1222-57-7	See: NJ5758500
1222-90-8	See: TL6342000
1223-31-0	See: WQ2150000
1223-36-5	See: AB5822500
1224-08-4	See: MT8740000
1224-44-8	See: QJ1382400
1224-56-2	See: TA1846000
*1224-63-1	See: TE7500000
1224-64-2	See: SZ4600000
*1225-20-3	See: NT1987000
*1225-55-4	See: HP1400000
*1225-60-1	See: UU8568000
1225-65-6	See: UU8750000
1227-45-8	See: YS2750000
1227-61-8	See: AB7175000
1227-62-9	See: GU7137000
1228-02-0	See: YV8800000
1228-30-4	See: CM0237000
*1229-29-4	See: HQ4375000
*1229-35-2	See: SP3150000
1229-38-5	See: XO1225000
1230-33-7	See: WO9000000
1231-67-0	See: CM0237010
*1231-93-2	See: RC8961500
1232-82-2	See: QJ1393000
1233-89-2	See: SJ7760000
1234-22-6	See: GU7010000
1234-30-6	See: FE0300000
1234-40-8	See: GU7107000
1235-13-8	See: WH1306600

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*1235-15-0	See: JF7972000
1235-21-8	See: TA1841000
*1235-82-1	See: TN3700000
1236-36-8	See: XH4800000
1236-99-3	See: SO6150000
*1238-54-6	See: RC8974500
1238-65-9	See: QJ1388700
1239-04-9	See: PB8900000
*1239-29-8	See: BV8061000
*1239-45-8	See: SF7950000
1239-54-9	See: XH6487200
1240-16-0	See: QJ1362000
1240-37-5	See: YS2770000
1240-90-0	See: GU7097000
1241-26-5	See: GU7103000
1241-27-6	See: GU7131000
1241-64-1	See: QJ1378500
1241-65-2	See: QJ1378200
1241-76-5	See: EU0690000
1241-77-6	See: EU0630000
1241-94-7	See: TC6125000
1242-71-3	See: DF2368500
1243-33-0	See: TL3000000
1243-97-6	See: TA1846500
*1244-76-4	See: KK2350000
1245-44-9	See: XH9300000
1245-82-5	See: GU7017000
1245-83-6	See: GU7075000
1245-84-7	See: GU7027000
1246-01-1	See: GU7105000
1246-02-2	See: GU7021000
1246-03-3	See: GU7031000
1246-10-2	See: GU7029000
1246-69-1	See: GU7079000
1246-87-3	See: UU3877500
1247-04-7	See: FH4475000
1247-42-3	See: TU4154090
1247-87-6	See: CQ3012000
1248-18-6	See: QK2400000
1248-22-2	See: DF2368160
*1249-84-9	See: BV8225000
1250-44-8	See: GU7055000
1250-64-2	See: GU7087000
1250-77-7	See: GU7057000
*1250-95-9	See: FZ6360000
1251-31-6	See: QJ1377300
1251-35-0	See: UU2580000
1252-56-8	See: HQ6329000
1252-69-3	See: AE2275000
*1253-02-7	See: TM7175500
1253-28-7	See: RC8960700
1253-84-5	See: FZ6275000
1254-60-0	See: GU7111000
1254-73-5	See: GU7093000
1254-80-4	See: GU7061000
*1255-49-8	See: XA3105000
1255-86-3	See: KN6950000
1256-01-5	See: HM4025000
1257-13-2	See: GU7059000
1257-14-3	See: GU7089000
1257-17-6	See: GU7109000
1257-22-3	See: GU7091000
1257-78-9	See: SO2975000
*1258-84-0	See: RC4905000
*1263-79-2	See: SF6850000
*1263-89-4	See: WK2320000
*1263-94-1	See: ZG0600000
1264-51-3	See: IH2625000
1264-62-6	See: WM9800000
1264-72-8	See: TR1500000
*1271-19-8	See: XR2050000
*1271-28-9	See: QR6500000
*1271-29-0	See: XR2075000
*1271-54-1	See: GB5850000
1271-55-2	See: OB3700000
*1277-43-6	See: GG0350000
1277-49-2	See: LK0730000
1282-40-2	See: XR1951000
1282-43-5	See: XR1980000
1289-56-1	See: IH2800000
*1291-32-3	See: ZH7525000
*1300-14-7	See: BY7875000
*1300-21-6	See: KH9800000
*1300-71-6	See: ZE5425000
*1300-72-7	See: ZE5100000
*1300-73-8	See: ZE8575000
*1301-14-0	See: QK1445000
*1301-42-4	See: MW6650000
*1302-52-9	See: DS1400000
1302-59-6	See: XW2800000
*1302-66-5	See: OJ5580000
*1302-74-5	See: GN0231000
*1302-76-7	See: BD1450000
*1302-78-9	See: CT9450000
*1303-00-0	See: LW8800000
*1303-18-0	See: CG4340000
*1303-28-2	See: CG2275000
*1303-33-9	See: CG2638000
*1303-39-5	See: ZG9180000
*1303-86-2	See: ED7900000
*1303-96-4	See: VZ2275000
*1304-28-5	See: CQ9800000
*1304-29-6	See: CR0175000
*1304-56-9	See: DS4025000
*1304-82-1	See: EB3110000
*1305-62-0	See: EW2800000
*1305-78-8	See: EW3100000
*1305-79-9	See: EW3865000
*1305-99-3	See: EW3870000
*1306-05-4	See: LL4850000
*1306-19-0	See: EV1925000
*1306-19-0	See: EV1930000
*1306-23-6	See: EV3150000
*1306-25-8	See: EV3330000
*1307-82-0	See: TP1750000
*1307-86-4	See: GG0904000
*1307-96-6	See: GG2800000
*1308-04-9	See: GG2900000
*1308-31-2	See: GB4000000
*1308-38-9	See: GB6475000
*1309-32-6	See: GQ9450000
*1309-37-1	See: NO7400000
*1309-48-4	See: OM3850000
*1309-56-4	See: QA4674000
*1309-60-0	See: OG0700000
*1309-64-4	See: CC5650000
*1310-53-8	See: LY5240000
*1310-58-3	See: TT2100000
*1310-65-2	See: OJ6307070
*1310-66-3	See: OJ6307080
*1310-73-2	See: WB4900000
*1310-82-3	See: VL8750000
*1312-03-4	See: OW8810000
*1312-73-8	See: TT6008000
*1312-73-8	See: TT6000000
*1313-13-9	See: OP0350030
*1313-27-5	See: CA4725000
*1313-30-0	See: WD6600000
*1313-60-6	See: WD3450000
*1313-82-2	See: WE1905000
1313-84-4	See: WE1925000
*1313-85-5	See: WE0350000
*1313-99-1	See: QR8400000
*1314-06-3	See: QR8420000
*1314-13-2	See: ZH4810000
*1314-18-7	See: WL0100000
*1314-20-1	See: XO6950000
*1314-22-3	See: ZH4865000
*1314-24-5	See: TH4517000
*1314-32-5	See: XG2975000
*1314-34-7	See: YW3050000
1314-35-8	See: YO7760000
*1314-36-9	See: ZG3850000
*1314-41-6	See: OG5425000
*1314-56-3	See: TH3945000
*1314-60-9	See: CC6300000
*1314-61-0	See: WW5855000
*1314-62-1	See: YW2460000
*1314-62-1	See: YW2450000
*1314-80-3	See: TH4375000
*1314-84-7	See: ZH4900000
*1314-85-8	See: TH4330000
*1314-87-0	See: OG4550000
*1315-04-4	See: CC6125000
*1317-25-5	See: BD0580000
*1317-34-6	See: OP0915000
*1317-35-7	See: OP0895000
*1317-36-8	See: OG1750000
*1317-39-1	See: GL8050000
1317-40-4	See: GL8912000
*1317-42-6	See: GG3325000
*1317-43-7	See: QO4930000
*1317-60-8	See: MH7600000
*1317-63-1	See: OI7710000
*1317-65-3	See: EV9580000
*1317-99-3	See: YR3400000
*1318-16-7	See: CR5700000
*1319-77-3	See: GO5950000
1319-80-8	See: RB7175000
1319-96-6	See: YS6000000
1320-04-3	See: QL0875000
*1320-37-2	See: KI1100000
*1320-44-1	See: BO7380000
1320-67-8	See: TZ0660000
*1320-94-1	See: LU6125000
*1320-98-5	See: SA7200000
*1321-12-6	See: XT2972000
*1321-16-0	See: GW2700000
1321-18-2	See: RQ6725000
1321-38-6	See: CZ6200000
*1321-64-8	See: QK0300000
*1321-65-9	See: QK4025000
1321-67-1	See: QL2350000
1321-94-4	See: QJ9625000
*1322-12-9	See: FG1605000
1322-38-9	See: VN8912000
*1322-64-1	See: LV1575900
*1322-78-7	See: DJ1300000
*1322-90-3	See: AN0350000
1322-97-0	See: RI0170000
1322-98-1	See: DB5775000
1323-22-4	See: TC1270000
*1323-39-3	See: WI4550000
*1325-37-7	See: GD0197800
*1325-82-2	See: GE4518000
*1326-22-3	See: BP6385000
*1327-53-3	See: CG3325000
1328-90-1	See: KF3500000
*1329-37-9	See: LW5920000
*1329-86-8	See: KM3500000
*1330-16-1	See: DT5078500
*1330-20-7	See: ZE2100000
*1330-45-6	See: KH8008000
*1330-61-6	See: AT2190000
*1330-78-5	See: TD0175000
1330-84-3	See: CI7670000
1330-92-3	See: GW5100000
*1331-07-3	See: TY4200000
*1331-09-5	See: JI3500000
*1331-11-9	See: UF2800000
1331-12-0	See: UJ2600000
*1331-17-5	See: UA4900000
*1331-22-2	See: GW1575000
*1331-24-4	See: QE5250000
1331-27-7	See: NF9100000
*1331-28-8	See: WL4150000
1331-29-9	See: CZ4950000
*1331-31-3	See: CZ0700000
1331-33-5	See: RQ6700000
1331-36-8	See: MP7400000
*1331-41-5	See: KL7350000
1331-43-7	See: GU9625000
1331-45-9	See: GU7700000
*1331-50-6	See: RA8310000
*1331-54-0	See: SL4375000
1332-03-2	See: GL7605000
*1332-07-6	See: ED6040000
*1332-21-4	See: CI6475000
*1332-37-2	See: NO7380000
*1332-40-7	See: GL7020000
*1332-58-7	See: GF1670500
1332-94-1	See: OD9910000
*1333-39-7	See: DB6950000
*1333-53-5	See: VC0250000
*1333-73-9	See: ED4800000
*1333-74-0	See: MW8900000
*1333-82-0	See: GB6650000
*1333-83-1	See: WB0350010
*1333-86-4	See: FF5800000
*1334-78-7	See: XS3370000
*1335-09-7	See: MJ9682000
*1335-31-5	See: OW1530000
*1335-32-6	See: OF8750000
*1335-47-3	See: PA9070000
*1335-66-6	See: GW3400000
*1335-85-9	See: GO9450000
*1335-87-1	See: QJ7350000
*1335-88-2	See: QK3700000
*1336-21-6	See: BQ9625000
*1336-36-3	See: TQ1350000
1336-62-5	See: VV9300000
*1336-78-3	See: NJ6184000
*1336-80-7	See: KH2979000
1337-59-3	See: JY7525000
*1338-02-9	See: QK9100000
*1338-05-2	See: TB8450000
*1338-16-5	See: NO8350000
*1338-23-4	See: EL9470000
*1338-23-4	See: EL9450000
*1338-23-4	See: EL9480000
*1338-24-5	See: QK8750000
*1338-32-5	See: TQ1400000
*1338-39-2	See: WG2920000
*1338-41-6	See: WG2933500
*1338-43-8	See: WG2932400
1338-58-5	See: AU0200000
*1339-93-1	See: IH3325000
1340-33-6	See: VX9190000
1340-35-8	See: YU1925000
1341-38-4	See: ML9625000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*1341-49-7	See: BQ9200000
*1343-78-8	See: GG5350000
1343-90-4	See: OM4350000
*1344-28-1	See: BD1200000
1344-32-7	See: XT8575000
*1344-34-9	See: QP7050000
*1344-40-7	See: OG2880000
*1344-43-0	See: OP0900000
*1344-67-8	See: GL7000000
*1345-04-6	See: CC9450000
1345-13-7	See: FK6657000
1354-31-0	See: BT5780000
1355-31-3	See: VS3630000
1356-18-9	See: GQ9100000
1359-90-6	See: QP3532000
1361-50-8	See: WX1275000
*1366-50-3	See: WK4025000
1384-35-6	See: VQ4800000
1390-63-2	See: FH6300000
1390-73-4	See: FI5425000
1390-86-9	See: FL8400000
1391-12-4	See: GL3325000
1391-41-9	See: JZ1575000
1391-58-8	See: LK7340000
1391-59-9	See: LK7350000
1391-62-4	See: LP4200000
1391-75-9	See: LZ0175000
*1391-82-8	See: ME3609000
1391-90-8	See: MR8338000
1392-16-1	See: OF6125000
1392-21-8	See: OH4550000
1392-23-0	See: OI2975000
1392-27-4	See: OJ6650000
1392-42-3	See: OX6350000
1392-50-3	See: QA3850000
1392-60-5	See: QG9800000
1392-71-8	See: RF0900000
1392-84-3	See: SE9450000
1392-85-4	See: SE9625000
1392-86-5	See: SE9625400
1392-88-7	See: TJ1225000
1393-04-0	See: VE4725000
1393-07-3	See: VE6500000
*1393-10-8	See: VI9455000
1393-12-0	See: VJ7525000
1393-15-3	See: VL0510000
1393-16-4	See: VM1153000
*1393-17-5	See: VM2800000
*1393-18-6	See: VP3215000
*1393-19-7	See: VQ2009800
1393-22-2	See: VR2875000
1393-32-4	See: WH1342000
1393-35-7	See: WK2770000
1393-37-9	See: WM2800000
1393-38-0	See: WM2975000
1393-47-1	See: XM3150000
1393-48-2	See: XN6300100
*1393-62-0	See: AA5250000
*1393-72-2	See: FL7525000
*1393-87-9	See: LV5456700
1393-89-1	See: ME4025000
1393-97-1	See: QQ0525000
1394-02-1	See: YC9800000
1394-04-3	See: ZE1483000
1394-87-2	See: AU0600000
1395-21-7	See: CO9450000
1397-78-0	See: AU0875000
1397-79-1	See: AU2275000
*1397-84-8	See: AY7937000
*1397-85-9	See: AY7940000
*1397-89-3	See: BU2625000
*1397-94-0	See: CD0350000
1397-95-1	See: CD4490000
*1398-06-7	See: CF3325000
1398-49-8	See: FJ2975000
1398-61-4	See: FM6125000
1398-78-3	See: RC6192500
*1398-89-6	See: GO5817000
1399-70-8	See: MH6650000
*1399-80-0	See: BO3675000
1400-02-8	See: NY6150000
1400-05-1	See: NY6150100
1400-54-0	See: QZ7700000
*1400-61-9	See: RF5950000
1400-95-9	See: TP3325000
1401-04-3	See: WL1400000
1401-11-2	See: VE2800000
1401-42-9	See: WH1344000
*1401-55-4	See: WW5075000
1401-57-6	See: WW7393000
1401-63-4	See: XK3850000
*1401-69-0	See: YP0350000
1401-79-2	See: MO7240000
1402-35-3	See: RF0910000
1402-36-4	See: AQ2785000
*1402-38-6	See: AU0700000
1402-39-7	See: AU1440000
1402-41-1	See: AU1631000
1402-42-2	See: AU1578500
1402-43-3	See: AU1650000
*1402-44-4	See: AU1660000
1402-45-5	See: AU1661000
1402-46-6	See: AU1578000
1402-47-7	See: AU1663000
1402-54-6	See: AU1750000
1402-61-5	See: AU2010000
1402-66-0	See: AU1220000
*1402-68-2	See: AW5950000
1402-82-0	See: BU2100000
1402-83-1	See: BW2500000
1402-87-5	See: CF2275000
1402-88-6	See: CI7875000
1402-99-9	See: CP0525000
1403-00-5	See: CP0700000
1403-08-3	See: DU0700000
1403-10-7	See: DU4270000
1403-13-0	See: EE4900000
1403-15-2	See: EU8785000
1403-16-3	See: EX1150000
*1403-17-4	See: EX4300000
1403-18-5	See: EX4310000
1403-19-6	See: EX4315000
1403-22-1	See: EX4550000
1403-24-3	See: EX4900000
1403-27-6	See: FI2625000
*1403-28-7	See: FI2700000
*1403-29-8	See: FI2800000
1403-34-5	See: FK4370000
1403-36-7	See: FM3038000
1403-38-9	See: GC2400000
*1403-39-0	See: GG8400000
1403-43-6	See: HI0350000
1403-47-0	See: JV0450000
1403-51-6	See: LE5250000
1403-52-7	See: LE7350000
1403-53-8	See: LJ7175000
1403-55-0	See: LK6825000
1403-56-1	See: LP6865000
1403-61-8	See: LS4550000
1403-64-1	See: LT4550000
1403-65-2	See: LV5502000
*1403-66-3	See: LY2450000
*1403-69-6	See: ME3500000
*1403-71-0	See: MG8398500
*1403-74-3	See: MR8400000
1403-77-6	See: NG8925000
1403-78-7	See: NG9100000
1403-88-9	See: OH8925000
1403-89-0	See: OI2975300
1403-92-5	See: OK7400000
1403-94-7	See: OP8225000
1403-95-8	See: OR6900000
1403-96-9	See: PY4570000
1403-97-0	See: PY4575000
1404-01-9	See: QH0175000
1404-03-1	See: QO7005000
1404-04-2	See: QP3850000
1404-06-4	See: QP4975000
1404-14-4	See: RA3600000
*1404-15-5	See: RA4550000
1404-19-9	See: RK3325000
1404-20-2	See: RX9150000
1404-22-4	See: TP3150000
1404-24-6	See: TR0875000
1404-26-8	See: TR1050000
1404-29-1	See: TR1250000
1404-33-7	See: TV2625000
1404-34-8	See: TV2800000
1404-35-9	See: TV2810000
1404-43-9	See: UZ1790000
1404-45-1	See: VE2820000
1404-55-3	See: VJ8580000
1404-57-5	See: VL0463000
1404-59-7	See: VM2150000
1404-62-2	See: VW7780000
1404-63-3	See: VX2238000
*1404-64-4	See: WG5850000
1404-67-7	See: WK3200000
1404-69-9	See: WK4100000
1404-73-5	See: WK5775000
1404-74-6	See: WK5900000
1404-78-0	See: WZ9300000
1404-80-4	See: WZ9800000
1404-83-7	See: XH7535000
1404-85-9	See: XW5783000
*1404-88-2	See: YP2975000
1404-90-6	See: YW4375000
*1404-93-9	See: YW4380000
1404-94-0	See: YY6475000
1404-96-2	See: ZA1860000
1405-04-5	See: ZD5425000
1405-06-7	See: ZE0100000
1405-08-9	See: ZG4650000
*1405-10-3	See: QP4375000
1405-19-2	See: UO6300000
1405-20-5	See: TR1150000
1405-22-7	See: VL0463500
*1405-31-8	See: BU2275000
1405-32-9	See: BU2614700
*1405-35-2	See: AA4290000
*1405-36-3	See: EX8925000
*1405-37-4	See: EX8930000
1405-39-6	See: GE1745000
*1405-41-0	See: LY2625000
*1405-54-5	See: YP0875000
1405-59-0	See: VJ8585000
1405-86-3	See: MD2025000
*1405-87-4	See: CP0175000
*1405-90-9	See: EX4375000
1405-97-6	See: MD8225000
*1406-05-9	See: RY4375000
*1406-07-1	See: RY5250000
*1406-09-3	See: RY7250000
1406-11-7	See: TR0850000
1406-65-1	See: FW6420000
1406-68-4	See: TR1575000
1406-72-0	See: VH4725000
1406-83-3	See: OH5320000
1407-01-8	See: GB3850000
1407-05-2	See: PD1056000
1407-47-2	See: BW2275000
1414-45-5	See: QU3340000
*1415-73-2	See: LZ6520000
*1420-04-8	See: VN8575000
*1420-06-0	See: QF2275000
*1420-07-1	See: SK0160000
1420-08-2	See: DF9485500
*1420-40-2	See: BP6300000
*1420-53-7	See: QD1400000
*1420-55-9	See: SP0280000
1421-00-7	See: WO8725000
1421-07-4	See: CQ4940000
1421-08-5	See: AH3074000
1421-09-6	See: AH3072000
1421-10-9	See: AH2815000
*1421-14-3	See: AG9625000
*1421-23-4	See: DU1106000
1421-28-9	See: QD4200000
1421-49-4	See: DG6320000
1421-63-2	See: EU5425000
*1421-68-7	See: PB0870200
*1421-78-9	See: CW1785900
*1421-84-7	See: HN3885000
*1421-85-8	See: HN4725000
1422-07-7	See: QD1050000
1423-60-5	See: ES0875000
*1423-97-8	See: KG6025000
*1424-27-7	See: AC8400000
1425-59-8	See: EU0570000
1425-60-1	See: QJ1382700
1425-61-2	See: WK4950000
*1425-67-8	See: VB2275000
1428-67-7	See: UG0900000
1429-60-3	See: HO7885000
*1432-14-0	See: UF0175000
1432-75-3	See: KR3150000
*1435-07-0	See: UX9276000
1435-55-8	See: MX3016000
1435-88-7	See: SM1140000
1436-34-6	See: MO3630000
*1436-62-0	See: GY5836000
1438-20-6	See: VI8130000
1438-25-1	See: XJ6275000
1438-94-4	See: UX9631000
1439-36-7	See: UC3900000
1440-97-7	See: TD2975000
1441-02-7	See: SM6330000
1442-74-6	See: UU3876000
*1443-54-5	See: UE5551000
1443-91-0	See: QC5775000
1444-64-0	See: GW0700000
1445-23-4	See: ZE6830000
*1445-75-6	See: SZ9090000
*1446-17-9	See: VB2625000
1446-85-1	See: GU7053000
1446-86-2	See: GU7019000
1446-87-3	See: GU7073000
1446-89-5	See: GU7043000
1446-90-8	See: GU7047000
1446-91-9	See: GU7049000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
1447-98-9	See: MV4685000
1448-16-4	See: RG9608000
*1448-23-3	See: ET4730500
1448-52-8	See: BZ6200000
1448-56-2	See: SZ3000000
1448-93-7	See: SJ7758000
1449-05-4	See: RK0190000
*1449-89-4	See: YK0711700
1449-91-8	See: TY7200000
*1453-58-3	See: UQ7340000
*1453-82-3	See: NR9500000
*1455-77-2	See: XZ4535000
1455-87-4	See: DF8000500
*1456-28-6	See: QE2150000
1456-51-5	See: MW4970000
1456-55-9	See: KB4740000
1457-19-8	See: DF3575000
1457-20-1	See: DF3525000
1457-46-1	See: VI8465000
*1459-93-4	See: NT2540000
1460-43-1	See: DN8228000
1460-46-4	See: OO7360000
*1461-22-9	See: WH6820000
*1461-23-0	See: WH6735000
*1461-25-2	See: WH8605000
1462-73-3	See: SH9798400
1463-08-7	See: SH0580100
*1464-42-2	See: ES7100000
*1464-43-3	See: AY6030000
*1464-53-5	See: EJ8225000
*1465-25-4	See: KV5330000
1465-26-5	See: AY3980000
*1466-82-6	See: VO0710000
1467-79-4	See: GS6475000
1468-26-4	See: XZ5950000
1468-28-6	See: QD8050000
*1468-37-7	See: LQ8050000
1469-73-4	See: WT3500000
*1470-35-5	See: NK5156000
1470-94-6	See: NK7525000
1471-51-8	See: TY3675000
1471-52-9	See: TY6030000
1474-68-6	See: TU4190000
1474-74-4	See: UX6350000
1474-80-2	See: HJ8100000
1476-23-9	See: NQ8175000
1476-33-1	See: NM2975000
1476-44-4	See: AC4025000
*1476-53-5	See: RD5425000
1477-19-6	See: OB2975000
*1477-20-9	See: AC7732000
1477-24-3	See: XZ5355000
*1477-40-3	See: MJ3650000
1477-41-4	See: EZ3150000
1477-42-5	See: DL2275000
*1477-55-0	See: PF8970000
*1477-57-2	See: AC6800000
*1477-63-0	See: DO7175010
1477-79-8	See: DC8450000
1478-87-1	See: FE2560000
*1480-19-9	See: EU3640000
1481-70-5	See: YP1924000
1482-62-8	See: ME9450000
1484-85-1	See: SH9670000
1485-00-3	See: WL5270000
1487-49-6	See: ET4700000
1488-02-4	See: UY5710000
1488-25-1	See: RN7098000
1489-91-4	See: SZ7450000
*1491-09-4	See: DE5950000
*1491-10-7	See: DE5775000
*1491-41-4	See: QK5775000
*1491-59-4	See: SK1050000
*1492-02-0	See: DB1290000
1492-18-8	See: MA0600500
*1492-54-2	See: DI7175000
*1492-55-3	See: DI7000000
1492-93-9	See: AD9310000
1496-02-2	See: DH1397000
1497-16-1	See: CM0175000
*1497-39-8	See: TB0280000
*1498-40-4	See: TB2465000
*1498-51-7	See: TD4390000
1498-56-2	See: TA1840500
*1498-88-0	See: WG9870000
1499-54-3	See: AK8200000
1500-91-0	See: OB3180000
1500-92-1	See: UX9455000
1500-94-3	See: OB2887000
*1501-84-4	See: AU4717000
1502-95-0	See: QC8225000
*1503-44-2	See: GY1930000
*1503-91-9	See: AK8336000
*1504-55-8	See: GE2340000
*1504-74-1	See: GD6590000
1505-26-6	See: SL2264500
1505-28-8	See: SM1275000
1505-29-9	See: SM1315000
1505-33-5	See: SM1310000
*1505-39-1	See: SK1650000
1505-89-1	See: QJ0600000
1505-90-4	See: QJ0720000
1505-91-5	See: QJ0640000
1505-93-7	See: QJ0702500
1505-95-9	See: QJ0700000
1505-96-0	See: QJ0760000
1505-97-1	See: QJ0740000
1505-98-2	See: QJ0780000
1505-99-3	See: QJ0730000
1506-00-9	See: QJ0750000
1506-01-0	See: QJ0770000
1506-12-3	See: QJ9380000
1506-17-8	See: NK4375000
1507-07-9	See: AJ6855000
1507-14-8	See: XH2382500
1507-60-4	See: UY2220000
1507-62-6	See: UX9710000
1507-65-9	See: UY1258000
1507-83-1	See: HM0512200
1507-84-2	See: HM0513500
1507-85-3	See: HM0363700
*1508-27-6	See: SO8650000
1508-37-8	See: VA3137400
*1508-45-8	See: TP8800000
*1508-65-2	See: GV2800000
*1508-76-5	See: UY1926000
*1509-10-0	See: EU4885200
*1509-14-4	See: YE2113050
1509-15-5	See: QJ1377900
1509-34-8	See: BA2933000
1509-35-9	See: BA2930000
1514-18-7	See: LL9052000
1514-42-7	See: AP3150000
1515-76-0	See: EJ1225000
*1516-17-2	See: AI0350000
1516-32-1	See: YS4375000
1516-37-6	See: YT6475000
*1516-67-2	See: TB6180000
1518-15-6	See: GU9000000
1518-16-7	See: GU4850000
1518-58-7	See: EZ5425000
1519-47-7	See: TA3580000
1519-71-7	See: YT8600000
1520-27-0	See: YT5250000
1520-71-4	See: TP4375000
1520-78-1	See: TP4200000
1521-02-4	See: DK3527750
*1522-00-5	See: WM3435000
1522-88-9	See: TY1100000
1524-88-5	See: TU5024800
1526-65-4	See: UY2623500
1526-66-5	See: UY2624500
1526-83-6	See: TL4100000
1527-12-4	See: DH4073000
1527-17-9	See: AJ3262000
*1528-64-9	See: NT2533000
*1528-74-1	See: DV4000000
*1529-30-2	See: WH8597000
1529-41-5	See: AL8240000
1530-36-5	See: TA2370000
1530-48-9	See: TA1842500
1531-94-8	See: GW0782100
1531-97-1	See: GW0782600
1531-99-3	See: ET6150000
1532-00-9	See: NQ5452000
1532-02-1	See: YV7860000
1532-04-3	See: NY1511700
1532-06-5	See: GU8646000
1532-10-1	See: GW0782200
1532-12-3	See: DI0877200
1532-14-5	See: GW0782500
*1532-19-0	See: US8650000
1532-84-9	See: NW6851000
1535-05-3	See: NK8430000
1535-27-9	See: UH1835000
1536-80-7	See: NX8650000
1537-62-8	See: AH6825000
*1538-09-6	See: XH9425000
*1538-11-0	See: XH9802500
1539-57-7	See: US7968000
*1542-44-5	See: DP1582000
*1542-45-6	See: DP1582100
*1542-46-7	See: DP1582200
1544-46-3	See: AB2900000
1544-68-9	See: NX8760000
1547-36-0	See: ET4800000
1550-09-0	See: MQ1100000
1552-12-1	See: GX9620000
1553-32-8	See: DF3668100
1553-34-0	See: TN1944000
*1553-36-2	See: RG7600000
*1553-52-2	See: DB1295000
1553-56-6	See: FZ2281400
1553-59-9	See: CV5603000
*1553-60-2	See: AI4200000
1553-88-4	See: UH1769500
*1555-58-4	See: UG3675000
*1558-25-4	See: VV2200000
*1559-35-9	See: KK9625000
1560-06-1	See: EM9030000
1560-54-9	See: TA1843000
*1561-48-4	See: RA6610000
*1561-49-5	See: SD9678200
*1561-49-5	See: SD9678000
1562-71-6	See: MF0530000
1562-85-2	See: SP7692000
1563-01-5	See: DB6050000
*1563-66-2	See: FB9450000
*1563-67-3	See: FB9625000
*1566-15-0	See: TD2530000
1569-01-3	See: UB9351000
1569-02-4	See: UB5250000
1569-69-3	See: GV7525000
1570-45-2	See: NS1450000
*1570-64-5	See: GO7120000
*1571-30-8	See: UZ9450000
1571-33-1	See: TA0350000
1575-57-1	See: EL8800000
1575-61-7	See: YV9108000
1576-35-8	See: MW0210000
1578-43-4	See: LV0285000
1578-56-9	See: YV7395000
1578-62-7	See: ET3400000
1578-67-2	See: MA3750000
1580-71-8	See: NS4970000
1581-17-5	See: BX3600000
*1582-09-8	See: XU9275000
1583-88-6	See: SH6970000
1586-10-3	See: HO8300000
1587-41-3	See: PA8300000
1589-49-7	See: UB7650000
1589-61-3	See: GW2100000
1590-44-9	See: GU7077000
1591-30-6	See: DV2625000
*1593-27-7	See: TB0400000
*1594-56-5	See: XK9450000
*1595-04-6	See: XS8150000
*1595-05-7	See: XS8390000
*1595-11-5	See: XS8300000
1596-36-7	See: CZ4725000
*1596-52-7	See: VB7875000
1596-64-1	See: NI8260000
1596-70-9	See: EL3050000
*1596-84-5	See: WM9625000
*1597-82-6	See: TU4025000
1598-99-8	See: XY3350000
1599-41-3	See: TZ9300000
*1600-27-7	See: AI8575000
*1600-37-9	See: UD1780000
1600-44-8	See: XN0830000
1600-61-9	See: XZ5470000
1601-18-9	See: NL3522150
1602-00-2	See: CN2330000
*1602-18-2	See: UL8660000
*1602-20-6	See: UM2600000
1602-97-7	See: MM1050000
*1603-02-7	See: UW7175000
1603-40-3	See: US1850000
*1603-91-4	See: XJ2620000
1604-02-0	See: GY4723000
1606-09-3	See: QJ0670000
1606-10-6	See: QJ0715000
*1606-67-3	See: UR2275000
*1606-69-5	See: US4675000
*1606-83-3	See: UA8600000
1608-26-0	See: TH3390000
1609-47-8	See: LQ9350000
*1609-86-5	See: NQ8300000
*1610-17-9	See: XY8750000
*1610-18-0	See: XY4200000
*1610-29-3	See: SB3500000
1612-76-6	See: RO0620000
*1613-17-8	See: RG4210000
1613-37-2	See: VC2335000
1613-76-9	See: DG0625000
1613-81-6	See: NC2997000
1614-30-8	See: YS1840000
1614-57-9	See: HP0600000
1615-02-7	See: GD8490000
*1615-75-4	See: KH7784000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*1615-80-1	See: MV2275000
*1616-88-2	See: KL6100000
*1617-90-9	See: YY8575000
1619-34-7	See: VD6191700
1620-19-5	See: BR2800000
1620-98-0	See: CU5610070
*1621-90-5	See: UT4381000
*1622-32-8	See: KI8060000
*1622-61-3	See: DF2100000
*1622-62-4	See: DF2385000
*1622-79-3	See: EU4025000
1623-19-4	See: TC8575000
*1623-24-1	See: TC6320000
1623-32-1	See: SM1250000
*1623-64-9	See: CM4557000
*1624-02-8	See: GB2685000
1626-71-7	See: SH7020000
1626-74-0	See: SI1850000
1627-73-2	See: CU8400000
*1628-58-6	See: DL4200000
1629-58-9	See: SB3800000
1631-28-3	See: ON6475000
*1631-29-4	See: ON5075000
*1631-64-7	See: FG1350000
*1631-67-0	See: RP5504000
1632-16-2	See: MP6825000
1632-29-7	See: XZ5955000
1632-68-4	See: RB7520000
1633-82-5	See: TZ6670000
*1633-83-6	See: RP4300000
1634-02-2	See: JO0800000
*1634-04-4	See: KN5250000
*1634-73-7	See: WM4220000
*1634-78-2	See: WM8410000
1637-24-7	See: SA1226u00
*1638-22-8	See: SJ8922500
1639-09-4	See: MJ1400000
1639-35-6	See: UH0700000
*1639-60-7	See: EL3000000
1640-63-7	See: HM0419700
1640-64-8	See: HM0416000
1640-65-9	See: HM0610000
1640-69-3	See: HM0398700
1640-89-7	See: GY4450000
1641-74-3	See: QT1452000
*1642-54-2	See: TL1225000
1643-19-2	See: BS5390000
*1643-20-5	See: JR6650000
1645-09-6	See: SH6476000
*1646-26-0	See: OB1203000
*1646-88-4	See: UE2080000
1648-46-0	See: JR5252000
1649-08-7	See: KI0950000
*1649-18-9	See: EU4550000
1653-19-6	See: EI9800000
1653-64-1	See: SH9710000
*1656-48-0	See: UG4200000
1660-94-2	See: SZ9150000
*1661-03-6	See: OM4205000
1663-35-0	See: KI4900000
1665-48-1	See: RQ3850000
*1666-13-3	See: JM9152500
*1667-11-4	See: DV2087000
1667-16-9	See: DP6740000
*1668-19-5	See: HQ4300000
1669-83-6	See: WO8710000
1669-85-8	See: BX1390000
1669-98-3	See: WS3425000
*1671-82-5	See: NI7500000
*1672-46-4	See: FH5390000
1672-88-4	See: MU3870000
1673-45-6	See: RO0550000
1674-48-2	See: DH9625000
*1674-94-8	See: YM4151000
1675-24-7	See: YD4600000
*1675-54-3	See: TX3800000
1676-24-0	See: CM3670000
1676-25-1	See: CM3660000
1676-26-2	See: UY4336300
1676-28-4	See: CM3610000
1676-38-6	See: UI0585000
1676-45-5	See: CM3620000
1676-46-6	See: CM3650000
1676-47-7	See: QF2900000
1676-48-8	See: CM3640000
1676-51-3	See: UY4337000
1676-52-4	See: JJ4900000
1677-46-9	See: FG7350000
1677-87-8	See: AM8485000
*1678-25-7	See: DB3500000
1678-56-4	See: XF6830000
1679-07-8	See: GY4701000
1679-18-1	See: CY8950000
1679-76-1	See: GU6780000
*1680-21-3	See: AS8150000
1681-17-0	See: MI9100000
1682-39-9	See: DM4620000
*1684-42-0	See: UA9120000
1685-82-1	See: NK4920000
*1685-91-2	See: DU3123000
1687-61-2	See: GP6100000
1688-45-5	See: UH3280000
*1689-82-3	See: SM8300000
*1689-83-4	See: DI4025000
*1689-84-5	See: DI3150000
1689-89-0	See: DI4600000
1689-99-2	See: DI3325000
1690-33-1	See: EZ1400000
*1690-72-8	See: QU1987000
*1693-71-6	See: ED4810000
*1694-09-3	See: BQ1140000
1694-78-6	See: DE9130000
1695-77-8	See: UQ0332500
*1696-17-9	See: CV4202000
*1696-20-4	See: QD7000000
1698-53-9	See: UR6200000
*1698-60-8	See: UR6125000
1699-51-0	See: NX5070000
1701-69-5	See: UC3800000
1701-71-9	See: EL9850000
1701-73-1	See: SA9850000
1702-98-3	See: UR7480000
1703-31-7	See: QE3850000
1703-34-0	See: QF1400000
1703-58-8	See: EK6100000
1704-03-6	See: UL8925000
1704-04-7	See: NX6870000
*1704-62-7	See: KK6825000
1704-66-1	See: AC6703000
*1705-85-7	See: GC1750000
*1706-01-0	See: LL4725000
1706-96-3	See: SZ5330000
*1707-03-5	See: SZ5315000
*1707-14-8	See: QE6650000
1707-95-5	See: NK6050000
1708-35-6	See: JI1575000
*1708-39-0	See: JI3325000
1708-42-5	See: JI1225000
1709-50-8	See: DB1925000
*1709-70-2	See: DC3750000
*1712-64-7	See: QU8930000
*1713-07-1	See: DG0876500
*1713-12-8	See: AG1780000
*1713-54-8	See: TF7700000
*1713-60-6	See: TF6900000
1713-97-9	See: TA4025000
*1713-98-0	See: TA4200000
1714-03-0	See: TA4375000
1714-51-8	See: DJ0300000
*1715-33-9	See: TU4153500
1715-40-8	See: RB7925000
1715-54-4	See: TN6156700
*1715-55-5	See: UO7452000
*1715-81-7	See: CB8980000
*1716-09-2	See: TF4100000
1716-60-5	See: SH7030000
1718-33-8	See: RQ7400000
1718-34-9	See: VO5320000
*1719-53-5	See: VV3060000
1719-71-7	See: XF8080000
1719-76-2	See: YT6125000
*1722-62-9	See: TK6475000
*1729-17-5	See: MF6570000
*1732-14-5	See: AC7840000
*1733-25-1	See: EM9254500
1733-88-6	See: WT1180000
1734-79-8	See: GD6650000
*1734-91-4	See: YE0525000
*1737-17-3	See: YT3880000
1737-95-7	See: WS3595000
*1738-25-6	See: UG1575000
1740-11-0	See: RB8730000
1740-19-8	See: TP8710000
*1741-11-3	See: TE4420000
1742-26-3	See: HM0472000
1743-42-6	See: MV5450000
1744-48-5	See: UY5712500
*1745-81-9	See: SJ3850000
*1746-01-6	See: HP3500000
1746-13-0	See: DAB575000
1746-25-4	See: NI8680000
*1746-77-6	See: FB2975000
*1746-81-2	See: YS6425000
*1747-60-0	See: DL2100000
*1749-92-4	See: MU2975000
1749-93-5	See: MT8310000
1750-07-8	See: HO9900000
1750-45-4	See: DM5260000
1750-46-5	See: DM4580000
1750-47-6	See: DM5263000
1750-78-3	See: RO0660000
1752-30-3	See: AL7350000
1752-40-5	See: VT3200000
1754-47-8	See: TA0379000
1754-49-0	See: TA0377000
*1754-58-1	See: TD2800000
*1755-52-8	See: GW4430000
1755-83-5	See: DF2370330
*1757-18-2	See: TE7525000
1758-68-5	See: CB6200000
1759-28-0	See: XJ5104000
1759-53-1	See: GZ1100000
1759-60-0	See: GY5980000
1760-24-3	See: KV7400000
*1762-95-4	See: XK7875000
*1763-14-0	See: EU5230000
1763-28-6	See: EM9260000
*1764-39-2	See: HN4900000
1765-81-7	See: NK8450000
*1768-31-6	See: UC3300000
*1769-25-1	See: VA3314500
1769-99-9	See: HO8050000
1770-35-0	See: GV6765100
*1772-03-8	See: LW5500000
1774-35-2	See: XT4810000
1774-37-4	See: WS1983000
1774-47-6	See: WS3585000
1776-30-3	See: FL7020000
1777-82-8	See: DO0890000
*1777-84-0	See: AM4550000
1778-08-1	See: VN7380000
1778-95-6	See: SK3560000
*1779-25-5	See: BD0560000
1779-51-7	See: TA1855200
1779-81-3	See: XJ6540000
1780-40-1	See: UV9745000
1784-50-5	See: XH5220000
1784-67-4	See: XH5210000
1784-68-5	See: XH5922500
1784-69-6	See: XH6140000
1785-02-0	See: XZ1980000
1785-05-3	See: AB6940000
1785-09-7	See: LL5200000
1785-12-2	See: AB6350000
1785-74-6	See: HP1300000
1786-05-6	See: GN7585000
1786-81-8	See: UG5775000
1787-57-1	See: BQ1160000
1789-04-4	See: VA3410000
1789-06-6	See: VA3754000
1789-07-7	See: VA3800000
*1789-26-0	See: AC6725000
*1789-58-8	See: VV3230000
1793-90-4	See: LY5360000
1794-41-8	See: HM0430000
1794-42-9	See: HM0363300
1794-43-0	See: HM0620000
1794-90-7	See: TZ0815000
*1795-48-8	See: NQ9230000
*1795-56-8	See: WM9100000
1795-58-0	See: TF6730000
*1797-74-6	See: AJ2450000
1798-09-0	See: AI8940000
1798-11-4	See: AJ1100000
1798-46-5	See: HM0356000
*1798-49-8	See: QE0440000
*1798-50-1	See: TN0925000
1798-69-2	See: HM0409000
1798-70-5	See: HM0515000
1798-71-6	See: HM0605000
1799-79-7	See: DD8790000
1803-39-0	See: QK5075000
1806-29-7	See: DV4200000
*1807-55-2	See: BY5275000
1808-12-4	See: KQ8420000
*1809-19-4	See: HS6475000
*1809-20-7	See: SZ7660000
1810-16-8	See: SI2550000
*1812-30-2	See: DE9800000
1812-53-9	See: BP8208000
1813-14-5	See: IA2750000
1815-29-8	See: NL8790000
*1816-78-0	See: TU5021100
1817-57-8	See: ES0890000
*1817-73-8	See: BW9303000
*1818-56-0	See: TU5024600
*1818-95-7	See: WZ1228000
*1820-50-4	See: JH4732000
1820-81-1	See: YQ9410000
1821-39-2	See: BY8300000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
1822-45-3	See: TX8350000
1824-52-8	See: DK8190000
1824-69-7	See: DF2275000
1824-81-3	See: US1885000
1825-19-0	See: WQ5520000
*1825-21-4	See: BZ8820000
1825-58-7	See: VV3850000
1825-62-3	See: VV4110000
*1827-60-7	See: QE4100000
1827-91-4	See: KM5425000
1828-09-7	See: NN6475000
1828-12-2	See: UH1830000
*1830-32-6	See: AB5836500
1831-65-8	See: SZ0180250
1833-31-4	See: VV1810000
1835-49-0	See: CZ1955000
1836-22-2	See: QJ6402600
1836-42-6	See: BS9625000
*1836-74-4	See: KN6713000
*1836-75-5	See: KN8400000
*1836-77-7	See: KO2700000
*1837-57-6	See: OD4725000
*1838-04-6	See: XB9275000
*1838-05-7	See: RZ2134000
*1838-07-9	See: MI4230000
1838-08-0	See: RG4375000
*1838-56-8	See: AC3350000
*1839-59-1	See: LQ9800000
1840-42-2	See: PA9200000
1841-19-6	See: XX8750000
1841-33-4	See: UY5708500
*1845-11-0	See: UY0880000
*1845-38-1	See: GU7875000
1846-74-8	See: GN4934000
*1847-24-1	See: XH8680000
1847-60-5	See: WM5800000
*1847-63-8	See: UY0881100
1848-84-6	See: DD8925000
1849-36-1	See: DC1850000
1851-71-4	See: LR0380000
1851-77-0	See: LR0440000
1852-16-0	See: AS3450000
1853-37-8	See: TP8750000
*1854-26-8	See: NJ0607000
*1855-36-3	See: ZE4551000
1858-47-5	See: SH6817500
*1861-32-1	See: WZ1500000
*1861-40-1	See: XU4550000
1862-88-0	See: VN7815000
*1863-63-4	See: DG3378000
1866-15-5	See: FZ9865000
*1866-31-5	See: GD8050000
*1866-43-9	See: UY8925000
1866-98-4	See: BR7150000
*1867-66-9	See: GW1400000
1867-72-7	See: EJ7260000
*1867-82-9	See: EU5200000
1868-72-0	See: BT0440000
1871-22-3	See: XF8050000
1871-76-7	See: AO6750000
1871-96-1	See: VS1500000
*1872-37-3	See: UV1178000
1872-81-7	See: NX4952000
*1873-29-6	See: NQ9208000
1874-12-0	See: AT3550000
1874-23-3	See: LV2013000
1874-54-0	See: AU7100000
*1874-58-4	See: UO7501000
*1874-62-0	See: TY6400000
1875-92-9	See: DP4700000
1876-02-4	See: RG1650000
1877-12-9	See: DT7900000
1877-23-2	See: TK7886500
*1877-25-4	See: TM3547000
*1877-27-6	See: TM3545000
1877-28-7	See: TK7904500
1877-47-0	See: TK7907000
*1877-49-2	See: TM3544000
1877-50-5	See: TK7904000
1877-51-6	See: TK7886100
1877-52-7	See: TK7888000
1877-53-8	See: TK7886200
*1877-54-9	See: TK7863000
1877-55-0	See: TK7905000
*1878-66-6	See: AG0590000
*1878-68-8	See: AF6325000
*1879-09-0	See: ZE6825000
*1879-26-1	See: FD9781950
*1881-37-4	See: KG7535000
*1881-75-0	See: CW7350000
*1881-76-1	See: CW7525000
*1882-26-4	See: FC7530000
1882-56-0	See: AJ3265000
*1885-14-9	See: FG3850000
1885-29-6	See: CB4575000
*1885-91-2	See: TF0470000
*1885-95-6	See: TF0475000
*1885-98-9	See: TF6250000
*1886-01-7	See: TG0425000
1886-26-6	See: SI1800000
1886-38-0	See: CM4550000
*1886-45-9	See: HQ2800000
1886-81-3	See: DB6650000
*1888-71-7	See: UD0175000
*1888-89-7	See: MO1575000
*1888-94-4	See: OZ3855000
1890-47-7	See: BB9350000
*1892-29-1	See: KK7525000
*1892-43-9	See: KK2100000
*1892-54-2	See: SF9800000
*1892-62-2	See: KK0380000
1892-80-4	See: XH6[illegible]5000
*1893-33-0	See: DW[illegible]000
*1896-62-4	See: EN0330050
*1897-41-2	See: TI8275000
*1897-45-6	See: NT2600000
1897-49-0	See: CZ1941000
*1897-96-7	See: VA3376000
1898-66-4	See: MW3250000
1899-02-1	See: BT2275000
1899-25-8	See: WT2860000
*1899-36-1	See: UF0950000
1900-29-4	See: WG9780000
1900-31-8	See: CM3600000
1900-33-0	See: NX4995500
1900-35-2	See: CM3630000
1901-06-0	See: LV1766000
1901-07-1	See: LT8561000
1901-08-2	See: LT8490000
1901-09-3	See: LT8531200
1901-10-6	See: LT8492000
*1902-25-6	See: TF2050000
1904-98-9	See: UO7524000
*1907-13-7	See: WH5950000
*1908-94-7	See: US4675300
*1908-97-0	See: US4620000
*1910-42-5	See: DW2275000
1910-68-5	See: NL7960000
*1910-88-9	See: XZ3015000
*1911-24-6	See: VV3635000
1911-42-8	See: RB9050000
*1912-24-9	See: XY5600000
*1912-26-1	See: XY5425000
*1912-28-3	See: KI7970000
*1912-30-7	See: KI7600000
*1912-31-8	See: PB2680000
*1912-32-9	See: PB1425000
*1912-84-1	See: RG4108000
1914-28-9	See: DK2193000
1914-42-7	See: LL5900000
1915-58-8	See: XH6050000
1915-80-6	See: VA3325000
*1916-59-2	See: SP7695000
1917-59-5	See: LV2012300
1917-92-6	See: AG8875000
*1918-00-9	See: DG7525000
*1918-02-1	See: TI7525000
*1918-08-7	See: XU6125000
*1918-13-4	See: CV3850000
*1918-16-7	See: AE1575000
*1918-18-9	See: FD8750000
1919-43-3	See: VD1575000
1919-95-5	See: NM3225000
*1920-05-4	See: JR6610000
*1920-21-4	See: UP7875000
1920-67-8	See: XH5922100
1921-42-2	See: KJ1682000
1921-43-3	See: KJ2508000
1921-44-4	See: KJ2496100
*1921-70-6	See: RZ1880000
1922-16-3	See: TM4729000
*1923-76-8	See: GD8430000
1927-08-8	See: CL5491500
1927-09-9	See: CL5494505
1927-12-4	See: CL5585005
1927-13-5	See: CL5585000
1927-14-6	See: CL5591005
1927-15-7	See: CL5560000
1927-31-7	See: AU7358800
1927-87-3	See: NR3536500
1928-38-7	See: AG8810000
1928-44-5	See: AG8830000
*1928-45-6	See: AG7800000
1929-68-6	See: CZ1938000
1929-73-5	See: AG7700000
*1929-77-7	See: FA4725000
*1929-82-4	See: US7525000
*1929-86-8	See: UF0250000
1929-87-9	See: AI9690000
*1929-88-0	See: YR6V85000
1931-17-5	See: XY6300000
1931-60-8	See: WN4950000
*1931-62-0	See: ON4770000
*1931-62-0	See: ON4775000
1932-03-2	See: TM6468400
*1933-50-2	See: AE2450000
*1934-21-0	See: UQ6400000
*1936-15-8	See: QJ6300000
1936-51-2	See: SO6000000
*1937-19-5	See: ME8430000
*1937-37-7	See: QJ6160000
1938-51-8	See: UY4680000
1939-68-0	See: TZ1114000
1939-70-4	See: TY2120000
1939-72-6	See: TZ1108000
1939-79-3	See: TY4407000
*1940-18-7	See: GV9040000
1940-19-8	See: GW0890000
*1940-43-8	See: SM0350000
1940-57-4	See: LL5890000
1940-89-2	See: TK7888200
1941-27-1	See: BS5475000
1941-30-6	See: BS8350000
*1941-79-3	See: SD9278000
1942-52-5	See: KJ0700000
*1942-78-5	See: TA5650000
*1942-80-9	See: TA5670000
1943-16-4	See: PA6430000
1943-27-7	See: VA2453300
1943-79-9	See: FC6800000
1943-83-5	See: NQ8450000
*1944-12-3	See: DO1500000
1944-71-4	See: QJ0610000
1944-72-5	See: QJ0660000
1945-02-4	See: KL6567500
1945-04-6	See: HM0528000
1945-32-0	See: EJ7020000
1945-91-1	See: UC9450000
1947-58-6	See: EK1575000
1947-59-7	See: KF2295000
*1948-33-0	See: MX4375000
*1949-07-1	See: TM1925000
*1949-41-3	See: ET5750050
*1949-45-7	See: DG0887300
*1951-12-8	See: ES8137500
*1951-25-3	See: QB1360000
1951-56-0	See: LT8535000
*1951-97-9	See: TM2646300
*1952-14-3	See: AH3220000
1952-37-0	See: SL5080000
1952-98-3	See: AY3700000
*1953-02-2	See: MC0596500
1953-54-4	See: NM2430000
*1953-56-6	See: IO0525000
1953-89-5	See: CV3500000
*1953-99-7	See: TI8225000
*1954-28-5	See: XF0700000
1955-03-9	See: NT1992000
1955-06-2	See: NT1994000
1955-10-8	See: NT1990000
1955-21-1	See: MX5600000
*1955-45-9	See: RQ7525000
*1961-72-4	See: XB8583000
*1961-77-9	See: TU3730000
*1962-74-9	See: WZ1229000
*1962-75-0	See: WZ1221000
1963-82-2	See: CB6690000
1965-09-9	See: SM6040000
*1965-29-3	See: IE1575000
*1966-58-1	See: FB8580000
1967-16-4	See: FD8575000
*1970-40-7	See: UU7780000
*1972-03-8	See: EX1362000
*1972-08-3	See: HP8225000
1972-74-3	See: DF2705000
1973-95-1	See: GU7047000
1975-87-7	See: MM2478000
1977-07-7	See: HP2100000
1977-08-8	See: HP1700000
1977-09-9	See: HQ2300000
*1977-10-2	See: HQ4025000
*1977-11-3	See: HO2840000
1977-12-4	See: QC5720000
1978-17-2	See: BR5778000
1978-24-1	See: RR4550000
1978-61-6	See: UT8355000
*1980-46-7	See: XH1426000
1980-69-4	See: LT8531300
*1981-20-0	See: TC0820000
1981-58-4	See: WA2350000

CAS No.	RTECS No.
1982-36-1	See: HM3675000
*1982-37-2	See: SP2975000
*1982-42-9	See: AB6945000
*1982-47-4	See: YS6125000
1982-49-6	See: YT7350000
1982-55-4	See: DE0175000
1982-67-8	See: WS3560000
*1983-10-4	See: WH8275000
1983-60-4	See: DW2280000
1984-06-1	See: RH0787000
1984-25-4	See: DB0875000
1984-27-6	See: DB0940000
1984-28-7	See: DB0600000
1984-32-3	See: DB0890000
*1984-77-6	See: OF0525000
1984-88-9	See: AH3070000
*1985-12-2	See: NX8400000
1985-44-0	See: XY6829000
1985-46-2	See: DS0875000
1985-84-8	See: AU9000000
1986-00-1	See: LL9055000
*1986-53-4	See: KG7885000
*1986-70-5	See: EW8750000
*1988-89-2	See: SL8700300
1990-78-9	See: CO1686000
1990-90-5	See: TJ5140000
*1991-78-2	See: AY4390000
*1994-57-6	See: CW6600000
1999-56-0	See: QL4025000
2001-67-4	See: QF3450400
*2001-72-1	See: GA4763000
2001-73-2	See: TN6156800
*2001-81-2	See: BR1210000
2001-93-6	See: YR0175000
*2001-95-8	See: YV9468000
2002-16-6	See: MF5775000
2002-30-4	See: CL5492000
2002-31-5	See: CL5494550
2004-03-7	See: UO8700000
*2004-04-8	See: AU6256000
2004-06-0	See: UO7520800
2004-14-0	See: VV7175000
2004-29-7	See: NX4919500
2004-31-1	See: NX4996200
2004-70-8	See: RZ2463000
2005-10-9	See: HP8680000
*2005-98-3	See: HA5375000
2006-51-1	See: XH5923000
2006-52-2	See: XH5150000
2007-20-7	See: QJ6200000
2007-46-7	See: LT8566200
2008-07-3	See: DM4665000
*2008-39-1	See: AG8400000
*2008-41-5	See: EZ7525000
2008-75-5	See: TM6482500
2009-03-2	See: NL9650000
2010-06-2	See: XJ2878000
2010-15-3	See: MU4025000
2010-16-4	See: MT8725000
2011-48-5	See: MV5425000
*2011-67-8	See: DF2410000
2012-00-2	See: TA0380000
2013-26-5	See: ET5955900
*2013-58-3	See: QI7830000
2014-25-7	See: TM3857000
2014-26-8	See: QD6575000
*2014-28-0	See: TM3565000
2014-29-1	See: QD6498000
2014-31-5	See: TK7886000
*2014-33-7	See: TM3555000
*2015-28-3	See: TL7535000
*2016-36-6	See: GA6475000
*2016-38-8	See: HE5077000
2016-39-9	See: RB1925000
*2016-40-2	See: RH6880000
*2016-45-7	See: MM0900000
*2016-54-8	See: XB9273000
*2016-56-0	See: JR6490000
2016-57-1	See: HD6475000
*2016-63-9	See: XH4900000
2016-80-0	See: HM0504000
2016-81-1	See: HM0485300
*2018-66-8	See: OH2921000
*2019-42-3	See: VA0705000
*2019-65-0	See: EZ3823000
2020-28-2	See: UX9678000
2021-19-4	See: GW4725000
2021-89-8	See: TL9780000
*2022-85-7	See: HA6040000
*2023-60-1	See: CW4420000
*2023-61-2	See: CW4460000
2024-08-0	See: XU3680000
2024-52-4	See: TC0617500
2024-75-1	See: NI4810000
*2028-52-6	See: SC4800000
2029-64-3	See: FC9450000
2030-63-9	See: SG1578000
2031-67-6	See: VV4640000
2032-30-6	See: XJ0777000
*2032-59-9	See: FC0175000
*2032-65-7	See: FC5775000
*2033-24-1	See: JH0800000
2033-42-3	See: QL4150000
2033-94-5	See: ES0700000
2034-22-2	See: NI8660000
2034-24-4	See: XZ5965000
*2035-99-6	See: RH0770000
2037-00-5	See: AG9600000
*2037-95-8	See: DM3110000
*2038-03-1	See: QD7350000
2038-57-5	See: UI4590000
*2039-06-7	See: XZ4802000
*2039-54-5	See: SH8095000
2039-67-0	See: SH7835000
*2039-87-4	See: WL4160000
2039-89-6	See: WL4460000
2040-04-2	See: AM8400000
2040-96-2	See: GY4700000
*2041-74-9	See: YE0640000
2043-24-5	See: WN3362000
2043-43-8	See: OD1920000
*2044-27-1	See: UT9830000
2044-64-6	See: AK4035000
*2044-73-7	See: UT4676000
2045-11-6	See: AD9320000
2045-12-7	See: WO9700000
2045-13-8	See: DG4438500
2045-16-1	See: AJ6850000
2045-17-2	See: AD9295000
2045-18-3	See: DG4380000
2045-19-4	See: BW8090000
2045-20-7	See: WO8850000
2045-21-8	See: DG4999000
2045-23-0	See: DG4998000
2045-35-2	See: XY3212000
2045-41-2	See: WO8600000
2045-42-3	See: CV2355000
2045-44-5	See: FD7500000
2045-52-5	See: KV1925000
2047-14-5	See: TD8250000
*2047-30-5	See: HO8925000
2049-95-8	See: DA6720000
*2049-96-9	See: DH6276000
*2050-00-2	See: ET5950700
2050-04-6	See: KO3260000
2050-08-0	See: VO5425000
2050-24-0	See: XT0800000
2050-43-3	See: AN7420000
2050-44-4	See: AN7450000
*2050-46-6	See: CZ5580000
2050-47-7	See: KN0175000
2050-48-8	See: WP2900000
*2050-87-5	See: BC8168000
*2050-92-2	See: RZ9100000
2051-07-2	See: RZ2476500
2051-59-4	See: GN4950000
*2051-60-7	See: DV2065000
2051-62-9	See: DV2080000
*2051-78-7	See: ES5775000
2051-79-8	See: SS9560000
*2051-89-0	See: DV8525000
*2052-14-4	See: VO2000000
2052-46-2	See: ST1750000
2052-49-5	See: BS5425000
2053-42-1	See: DO0532000
2054-81-1	See: WL2100200
2054-82-2	See: WL2100400
2055-40-1	See: UW5782000
2056-18-0	See: KV2300000
2056-19-1	See: YI3100000
2056-20-4	See: XE1800000
2056-21-5	See: MN4346000
2056-22-6	See: MI6500000
2056-23-7	See: RA5650000
2056-24-8	See: HD5620000
2056-25-9	See: YQ1400000
*2058-46-0	See: QI8225000
2058-52-8	See: HQ2100000
2058-53-9	See: HQ4028000
*2058-62-0	See: BY6350000
*2058-66-4	See: BY0430000
*2058-67-5	See: BY0500000
*2058-72-2	See: NL7878000
*2058-74-4	See: NL7939000
*2061-46-3	See: RC8962000
*2061-56-5	See: KG7660000
*2061-64-5	See: KE7289000
*2062-77-3	See: EU3550000
*2062-78-4	See: DE1750000
*2062-84-2	See: DE1900000
2063-10-7	See: XO0695000
2064-21-3	See: HN9150000
2064-23-5	See: HN9200000
2067-58-5	See: SS8200000
*2067-84-7	See: UV1152320
*2068-78-2	See: OH6340000
*2072-68-6	See: ME3850000
2072-71-1	See: AY7602000
*2074-50-2	See: DW2010000
2075-04-9	See: AH2780000
2075-45-8	See: UQ6200000
2076-70-2	See: NJ5768000
*2077-46-5	See: XT9300000
2077-74-9	See: GW2575000
2077-75-0	See: GW2545000
2077-76-1	See: GW2560000
2077-80-7	See: GU7035000
*2078-54-8	See: SL0810000
*2079-00-7	See: EC4900000
2079-54-1	See: UK5870000
2079-78-9	See: BQ8775000
*2079-89-2	See: UG0700000
2080-96-8	See: TB4973000
2082-21-5	See: GU3300000
*2082-40-8	See: TE6900000
2082-64-6	See: XK8562000
2082-84-0	See: BP6352000
2083-04-7	See: XZ5970000
2083-05-8	See: XZ5975000
2084-33-5	See: XZ5470500
2085-65-6	See: EJ4040000
2085-82-7	See: QD6496000
2086-83-1	See: DR9870000
2088-07-5	See: SB3490000
2088-72-4	See: AI7175000
2088-79-1	See: MO1350000
*2089-46-5	See: SJ7800000
*2090-54-2	See: BR0990000
2091-01-2	See: SZ5800000
*2091-61-4	See: KN6742000
2092-16-2	See: XK8540000
2092-55-9	See: DB7012000
2093-29-0	See: SL2300000
*2095-06-9	See: BW8925000
*2095-57-0	See: CQ2278000
2095-58-1	See: CP8300000
2095-62-7	See: SO0175000
2095-74-1	See: TX7800000
2095-90-1	See: HN8875000
*2096-42-6	See: IZ6572500
*2096-66-4	See: ES8350000
2097-19-0	See: YJ9050000
*2098-66-0	See: GZ2228000
2100-17-6	See: SB1575000
*2104-09-8	See: XJ2860000
*2104-64-5	See: TB1925000
2104-92-9	See: QS3500000
*2104-96-3	See: TE7175000
2107-77-9	See: GN6385000
*2108-70-5	See: GW6328000
*2108-71-6	See: GW6326000
*2108-73-8	See: UY0731000
2109-64-0	See: UB0700000
*2111-75-3	See: GW2967000
2113-05-5	See: DU1780000
*2113-08-8	See: DU1830000
*2113-47-5	See: AE6000000
*2113-54-4	See: AE6050000
2113-57-7	See: DV1750000
2113-58-8	See: DV5570000
2113-61-3	See: DU9650000
2113-93-1	See: UY7545000
2114-00-3	See: UG8400000
*2114-11-6	See: EY8512000
2114-14-9	See: FB4025000
2114-18-3	See: EZ1475000
*2114-33-2	See: AI9316000
2116-65-6	See: US2625000
2117-36-4	See: LY5230000
*2120-70-9	See: AB2990000
2122-19-2	See: NI0400000
*2122-29-4	See: VH5373000
*2122-61-4	See: DG2310000
2122-63-6	See: DG2802500
2122-70-5	See: QJ0948000
*2122-77-2	See: KM4800000
*2122-86-3	See: RO0811200
2125-34-0	See: YL8400000
2125-48-6	See: BT2530000
2126-63-8	See: US7100000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
*2126-70-7	See: AS4800000
*2130-56-5	See: DV3325000
2131-55-7	See: NX8473000
2131-59-1	See: NX8350000
2131-64-8	See: NX8500000
*2133-34-8	See: CM4310500
2133-80-4	See: XZ6157200
2133-81-5	See: UP0745000
2134-15-8	See: LM5870000
*2135-14-0	See: TU3840000
*2135-17-3	See: TU3832000
2137-27-1	See: HP3030000
2137-28-2	See: HP2380000
2137-92-0	See: XL1626005
2138-22-9	See: UX1490000
2138-43-4	See: UX1900000
2138-48-9	See: UX1860000
2139-00-6	See: DM4590000
*2139-25-5	See: TM9850100
2139-47-1	See: QS4005000
*2139-93-7	See: NC3411600
2142-68-9	See: AM6310000
*2142-94-1	See: RG5925800
*2144-45-8	See: SD9650100
*2144-45-8	See: SD9650000
2148-68-7	See: NY2938500
2148-73-4	See: NY2932800
2148-75-6	See: NY2760000
2148-77-8	See: NY2776000
2150-48-3	See: BP6832000
2150-58-5	See: GU5530000
2150-60-9	See: CB1060000
*2151-43-1	See: SL4400000
*2152-34-3	See: RQ2975000
*2152-44-5	See: TU3835000
2153-08-4	See: AM4390000
*2153-26-6	See: OT0220000
*2153-98-2	See: RC9275000
2154-02-1	See: NW7350000
*2155-70-6	See: WH8692000
*2156-56-1	See: AG9275000
*2156-71-0	See: TM6468100
2156-96-9	See: AS7400000
2157-52-0	See: LL9093000
2158-04-5	See: YU0350000
2158-11-4	See: YT4725000
2158-70-5	See: DK4200000
2161-21-9	See: GU4670200
*2161-40-2	See: GU4606000
2161-86-6	See: SY1100000
2162-75-6	See: FF2150000
2163-69-1	See: YS7875000
*2163-77-1	See: CF9500000
*2163-79-3	See: YT4550000
*2163-80-6	See: PA2625000
2164-08-1	See: GY5875000
*2164-09-2	See: AS4025000
*2164-17-2	See: YT1575000
2167-39-7	See: EK3750000
2168-16-3	See: UU7720000
*2168-68-5	See: SZ2530000
2168-93-6	See: EK5700000
2169-39-3	See: DT7920000
2169-44-0	See: CE1057900
*2169-64-4	See: XY8577000
2169-75-7	See: YM3065000
2173-27-5	See: NC5500000
2173-44-6	See: TK7908000
2173-45-7	See: TK7903500
2173-46-8	See: TK7906500
2173-48-0	See: TK7886400
*2173-57-1	See: KO1255000
*2175-86-2	See: SZ9430300
2176-62-7	See: UT7000000
*2179-16-0	See: MA0602000
*2179-25-1	See: FC5250000
*2179-59-1	See: JO0350000
*2179-92-2	See: WH6792000
*2180-92-9	See: EK6060000
2181-04-6	See: TU3500000
2181-42-2	See: WR8750000
2182-14-1	See: CJ0120000
*2183-38-2	See: EK7750000
*2184-77-2	See: EY8350000
*2185-78-6	See: WJ1925000
*2185-86-6	See: PA0780300
*2185-92-4	See: DU9649000
2185-97-9	See: AY3315000
*2185-98-0	See: AY3310000
*2186-24-5	See: TZ3701000
2188-67-2	See: DG3000000
*2190-04-7	See: RG4170000
*2191-10-8	See: RH0370000
*2192-20-3	See: KK2280000
*2192-21-4	See: UH0350000
2192-22-5	See: TK7886300
2194-75-4	See: AM8510000
2196-13-6	See: US4204000
*2196-14-7	See: LK8329000
2197-57-1	See: QL8050000
2198-53-0	See: AN7470000
*2198-54-1	See: AN7500000
2198-58-5	See: SS9520000
*2198-61-0	See: MO8389300
2200-87-5	See: TY7600000
2201-39-0	See: UY1780600
2202-08-6	See: QD1722000
2204-53-7	See: HP1960000
2205-31-4	See: CM2177000
*2206-89-5	See: AS6100000
2207-50-3	See: RQ4500000
*2207-69-4	See: KE7615000
2207-75-2	See: RR4503000
*2207-76-3	See: FZ8150000
2207-83-2	See: DO0332500
2207-85-4	See: HO2100000
2208-08-4	See: ET7254000
2208-27-7	See: JH9330000
2208-28-8	See: JI3240000
2209-86-1	See: TY3200000
2210-25-5	See: AS3675000
2210-28-8	See: OZ5250000
*2210-63-1	See: UQ8420000
2210-74-4	See: TZ3550000
2210-93-7	See: TM2640000
2211-57-6	See: ME8514000
2211-61-2	See: OB1770000
2211-64-5	See: NC3410400
2211-89-4	See: NW3325000
*2211-94-1	See: DA0176000
*2212-05-7	See: TX5600000
*2212-06-8	See: TX4160000
2212-10-4	See: VV2180000
*2212-67-1	See: CM2625000
*2212-99-9	See: OP8050000
*2213-00-5	See: GZ2240000
2213-43-6	See: TM4165000
2213-63-0	See: VD1720000
2213-84-5	See: TB3325000
2215-20-5	See: MT8050000
2216-12-8	See: KO2650000
2216-51-5	See: OT0700000
*2216-68-4	See: QM3500000
2216-77-5	See: UB0525000
*2216-94-6	See: UE0110000
*2217-06-3	See: TJ9900000
*2217-06-3	See: TJ9940000
2217-08-5	See: CQ4375000
2217-15-4	See: WW8100000
2217-41-6	See: QM4780000
2217-60-9	See: MX6680000
2217-82-5	See: DV8575000
2217-88-1	See: EZ3940000
2218-96-4	See: DC1750000
*2219-30-9	See: YV9450000
2222-07-3	See: RC6200000
2222-33-5	See: HP1147500
*2223-82-7	See: AS8925000
*2223-93-0	See: RG1050000
2225-15-2	See: VO2120000
*2227-13-6	See: WQ3850000
*2227-17-0	See: DT8225000
2227-25-0	See: UV9650000
*2227-79-4	See: CV5860000
2229-39-2	See: RZ6380000
2229-40-5	See: RG7650000
2229-43-8	See: GU8760000
2231-13-2	See: SZ9800000
2231-57-4	See: FF2975000
2232-12-4	See: MU0970000
*2234-13-1	See: QK0250000
2234-20-0	See: WL4450000
2234-26-6	See: RB6960000
2235-12-3	See: MP5425000
2235-15-6	See: AB1070100
*2235-25-8	See: OW3750000
2235-46-3	See: AK4025000
2235-54-3	See: WT0825000
*2235-59-8	See: XS4375000
2235-90-7	See: NL3700000
*2237-30-1	See: DI2454000
2237-92-5	See: CQ1424000
*2238-07-5	See: KN2350000
2239-92-1	See: FD8075000
*2240-14-4	See: RB6825000
2240-21-3	See: NJ0525000
2240-69-9	See: VC3800000
2240-71-3	See: UU5665000
2240-96-2	See: XZ5471400
2240-97-3	See: XZ5471000
*2241-90-9	See: GZ0590020
*2243-27-8	See: RA6606000
*2243-47-2	See: DU8900000
*2243-62-1	See: QJ3400000
*2243-76-7	See: VO5310000
2243-78-9	See: DD1400000
*2244-16-8	See: OS8670000
*2244-21-5	See: XZ1850000
*2244-21-5	See: XZ1900010
*2246-44-8	See: QM3675000
2247-45-2	See: YN1225000
*2247-46-3	See: YM6045800
2248-30-8	See: UY5688000
2249-32-3	See: AH8550000
2250-12-6	See: UI2485000
2251-83-4	See: GW6200000
2254-99-1	See: UU2975000
2255-00-7	See: UU3550000
2255-01-8	See: UU3400000
2255-02-9	See: UU3000000
2255-03-0	See: UU3200000
2255-17-6	See: TC5260000
2255-19-8	See: TB9625000
2256-06-6	See: EU1925000
2257-09-2	See: NX9115000
2258-02-8	See: BO4980000
*2259-96-3	See: DK9610000
2265-38-5	See: ED8725000
*2265-64-7	See: TU4060000
2266-22-0	See: EU4725000
2266-47-9	See: UF9200000
*2269-06-9	See: CE0930000
*2270-20-4	See: YV7816000
*2270-40-8	See: YD0112000
2270-89-5	See: TY8060000
*2271-93-4	See: CM6766000
*2273-43-0	See: WH6770000
*2273-45-2	See: WH7526500
*2273-46-3	See: WH7700000
2274-01-3	See: YT2350000
*2274-11-5	See: AT0350000
*2274-67-1	See: TB8805000
*2274-74-0	See: IL8842000
*2274-80-8	See: MC0356000
*2274-95-5	See: TC2350000
*2275-14-1	See: TD5775000
*2275-18-5	See: TD8225000
*2275-23-2	See: TF7900000
*2275-61-8	See: SY9500000
2275-81-2	See: SY9665000
2276-52-0	See: PB8800000
2276-89-3	See: DD3090000
2276-90-6	See: NT1986000
*2277-19-2	See: RA8509200
2277-92-1	See: CV8576000
2277-94-3	See: DT8010000
2278-14-0	See: XZ5956000
2278-15-1	See: XZ5957000
2278-16-2	See: XZ6126000
2278-22-0	See: SD9275000
2278-27-5	See: SN5485000
2278-50-4	See: DE3045000
*2279-64-3	See: OW9750000
*2279-76-7	See: WH6870000
2280-32-2	See: NZ3165000
2281-07-4	See: NT1984000
2281-78-9	See: YS6630000
*2282-34-0	See: FC3500000
2283-08-1	See: QL1750000
2284-30-2	See: VH0175000
2285-16-7	See: DF2625000
2286-56-8	See: GD8565000
2288-32-6	See: QO7500000
2290-11-1	See: YX9325000
2290-36-0	See: UC0200000
2291-55-6	See: CL5585505
2292-08-2	See: YM5430000
2293-07-4	See: YT6825000
*2294-47-5	See: CZ1610000
*2295-31-0	See: XJ5775000
2295-42-3	See: DM4867000
2295-47-8	See: DM4868000
2295-58-1	See: UH4429100
2296-68-6	See: XF7420000
2296-76-6	See: CU5725000
*2297-30-5	See: BV8095000
2298-13-7	See: BY6452000
2298-55-7	See: TL3505000
2299-97-0	See: FA4380000
*2300-03-0	See: TU5023400

CAS No.	RTECS No.
2301-25-9	See: NI7962000
2301-80-6	See: TJ7710000
*2302-84-3	See: VT3325000
*2302-93-4	See: VT3460000
2302-95-6	See: AB3150000
*2303-16-4	See: EZ8225000
*2303-17-5	See: EZ8575000
*2303-23-3	See: KN6741000
2303-35-7	See: QG3500000
*2303-47-1	See: IO0350000
2304-30-5	See: TA2419000
*2305-05-7	See: LU3600000
*2307-49-5	See: BZ5075000
*2307-55-3	See: AG7075000
*2307-68-8	See: YV9103000
2307-81-5	See: DF3705000
2307-97-3	See: RC8961600
*2308-61-4	See: TL6377000
*2310-17-0	See: TD5175000
*2312-35-8	See: WT2900000
2312-73-4	See: UO7510000
2312-76-7	See: GP1050000
*2313-91-9	See: EY8300000
*2313-93-1	See: EY8320000
*2314-17-2	See: DL2940000
2314-48-9	See: FG2975000
2314-49-0	See: FG2800000
*2315-02-8	See: SK1225000
2315-20-0	See: MF4622000
2315-36-8	See: AB5425000
*2318-18-5	See: VT5960000
*2319-96-2	See: CX1225000
2321-07-5	See: LM5075000
*2321-53-1	See: PA2450000
2321-76-8	See: GY2480000
2327-87-9	See: SZ1785000
2328-12-3	See: NW8925000
2337-82-8	See: UU6820000
2338-01-4	See: AK8285000
*2338-12-7	See: DM1500000
2338-20-7	See: DH9290000
2338-25-2	See: DD8050000
2338-27-4	See: DE1400000
2338-29-6	See: DE0525000
2338-76-3	See: CY1820000
2341-57-3	See: UY5711000
2343-36-4	See: AH8750000
*2345-26-8	See: UF5610000
2345-61-1	See: AS5960000
2346-99-8	See: TE9670000
2347-80-0	See: SP5425000
2348-79-0	See: QL8085000
*2348-82-5	See: QL8760000
2349-07-7	See: NQ4695000
2349-67-9	See: XI4550000
*2350-24-5	See: MI8750000
*2350-29-0	See: BZ4650000
*2350-31-4	See: DH6490000
*2350-32-5	See: DG4457600
2350-89-2	See: DV8820000
2351-95-3	See: UY2623000
*2353-33-5	See: XZ3012000
*2353-45-9	See: BQ4425000
2354-61-2	See: EU4200000
2356-01-6	See: GW6645000
2359-51-5	See: XU3240000
*2361-57-1	See: DP1576200
*2361-59-3	See: DP1576000
*2361-61-7	See: DP1578200
*2361-63-9	See: DP1578000
2362-12-1	See: GO6868000
*2363-58-8	See: KC1035000
*2364-44-5	See: XP2670000
2364-72-9	See: PC2100000
*2364-87-6	See: XT5150000
2365-20-0	See: NS1575000
2365-26-6	See: NW6510000
*2365-30-2	See: YS5015000
2365-48-2	See: AI7350000
2367-25-1	See: GQ4025000
*2370-13-0	See: MO9220000
2370-18-5	See: XV7978000
2370-61-8	See: YP2285000
*2372-21-6	See: SD9502900
*2373-98-0	See: DV4900000
2374-22-3	See: SA0570000
*2375-03-3	See: TU4154060
2378-77-0	See: GU8755000
2378-78-1	See: GW2530000
2378-79-2	See: GW2515000
2379-55-7	See: VD1960000
2379-81-9	See: JE2000000
2379-90-0	See: CB5720000
*2381-15-9	See: CX2100000
*2381-16-0	See: CX1925000
*2381-18-2	See: CV8990000
*2381-19-3	See: DI9100000
2381-21-7	See: UR2460000
*2381-31-9	See: CX1750000
*2381-34-2	See: DI9625000
*2381-39-7	See: DJ7390000
*2381-40-0	See: CU3485000
2381-85-3	See: DJ1930000
2382-96-9	See: DM4882500
*2385-85-5	See: PC8225000
2385-87-7	See: KE6314C 00
2385-93-5	See: AK8305000
2386-25-6	See: OB2885000
2386-26-7	See: UX9356000
*2386-52-9	See: PB2685000
2386-87-0	See: RN7750000
*2386-90-5	See: RN9100000
2387-48-6	See: UW6125000
*2387-59-9	See: AY4341000
2390-11-6	See: QJ0630000
*2391-03-9	See: US4026200
*2391-30-2	See: DE4098000
*2392-39-4	See: TU4056000
2392-68-9	See: NX8474500
*2393-53-5	See: KG8750000
2396-63-6	See: MI5600000
2396-68-1	See: DC1025000
2398-96-1	See: FD8891300
2399-85-1	See: AJ0875000
2401-64-1	See: XY7205000
*2401-85-6	See: QJ2450000
2402-00-8	See: XK8925205
2402-77-9	See: US8050000
2402-78-0	See: US8400000
2402-79-1	See: UT8225000
2403-32-9	See: TZ7330900
2403-66-9	See: DE0450000
*2407-43-4	See: LU4200000
*2407-94-5	See: GV8970000
2409-19-0	See: LL5860000
2409-55-4	See: GQ7000000
2410-09-5	See: EY8400000
2410-93-7	See: MA0700000
2411-01-0	See: ES8360000
2412-10-1	See: XM3050500
*2412-14-8	See: XO1653000
2413-21-0	See: HM0398300
*2413-38-9	See: XO0740000
2415-28-3	See: JF7977000
2415-55-6	See: XY3175000
*2416-79-7	See: XZ5468000
2417-13-2	See: LQ3525000
*2417-77-8	See: CA9380000
2417-90-5	See: UG1050000
*2418-14-6	See: WM7640000
2418-21-5	See: EM4925000
2418-22-6	See: EM4940000
2419-67-2	See: SB3885000
2420-19-1	See: MU2460000
2421-07-0	See: JI4200000
*2422-79-9	See: CX2450000
2422-88-0	See: YU3550000
2422-90-4	See: YT2200000
*2423-66-7	See: VD2275000
2423-71-4	See: ZE8225000
*2424-75-1	See: AH2790000
*2425-06-1	See: GW4900000
*2425-10-7	See: FC8750000
2425-19-6	See: TA9040000
2425-25-4	See: AI7000000
2425-66-3	See: TX5250000
2425-74-3	See: LQ1450000
2425-79-8	See: EJ5100000
*2425-85-6	See: QK4247000
*2426-07-5	See: RG9450000
*2426-08-6	See: TX4200000
*2426-54-2	See: AS8225000
2426-59-7	See: NL4930000
2426-65-5	See: NM0250000
2428-31-1	See: NK8800000
*2429-74-5	See: QJ6420000
2429-80-3	See: QJ6270000
*2429-81-4	See: DG6241000
2430-00-4	See: AB7440000
2430-22-0	See: RH1400000
2430-27-5	See: YV5965500
2430-46-8	See: XS7875000
*2431-50-7	See: EM9046000
2432-14-6	See: GO7700000
*2432-90-8	See: TI0930000
*2432-99-7	See: YQ2293000
2435-36-1	See: GY4105000
*2435-64-5	See: DB2100000
*2435-76-9	See: YQ9630000
2436-04-6	See: NL4150000
2436-29-5	See: TI5100000
*2436-90-0	See: RG5340000
*2437-19-6	See: CY5500000
2437-25-4	See: IR2600000
2437-49-2	See: VH3500000
2437-56-1	See: YD4595000
2437-98-1	See: AE6900000
*2438-32-6	See: US6504000
2438-38-2	See: GV7450000
*2438-49-5	See: BZ6400000
*2438-51-9	See: AL1050000
2438-53-1	See: BR0340000
2438-72-4	See: AK8280000
*2438-88-2	See: BZ9625000
*2439-01-2	See: FG1400000
*2439-10-3	See: MF1750000
2439-77-2	See: CV5460000
*2439-99-8	See: MB9120000
2440-22-4	See: GO6860000
*2440-29-1	See: OV7780000
*2440-45-1	See: OW4375000
2441-88-5	See: DP1230000
2441-97-6	See: GW4605000
*2442-10-6	See: RH3320000
2442-21-9	See: DM4866000
*2443-39-2	See: RG1300000
2443-66-5	See: OO7450000
*2445-07-0	See: EZ9680000
*2445-83-2	See: GN7792100
2445-91-2	See: UY0760000
2446-63-1	See: LZ4800000
*2447-54-3	See: VP5200000
*2447-57-6	See: DA9500000
2448-39-7	See: DJ2500000
2448-68-2	See: DW1060000
*2449-49-2	See: DP6825000
*2450-71-7	See: UK5250000
2452-58-6	See: DG8950000
2453-35-2	See: UI2580000
*2454-11-7	See: BV7985000
*2454-37-7	See: DN5600000
2457-37-6	See: XK8925200
2457-47-8	See: US8575000
*2457-76-3	See: DG1575000
2458-26-6	See: UQ7950000
2458-58-4	See: AH1835000
*2460-49-3	See: SL0200000
*2461-06-5	See: XO0605000
*2462-17-1	See: WO9280000
2462-59-1	See: NK7700500
*2463-53-8	See: RA8509000
*2463-84-5	See: TE7875000
*2465-27-2	See: BY3675000
*2465-29-4	See: ZD5500000
*2466-76-4	See: NI3400000
*2467-10-9	See: SA3110000
2467-12-1	See: ED5630000
2467-13-2	See: ED5800000
2467-15-4	See: ED5000000
2467-18-7	See: ED4850000
2469-18-3	See: DF3425000
*2469-34-3	See: RC8815000
2469-55-8	See: JM9235000
*2470-73-7	See: KL8000000
2472-17-5	See: CK2300000
*2475-18-5	See: CG8490000
2475-33-4	See: JE2305000
2475-44-7	See: CB5750000
*2475-45-8	See: CB0540000
2475-46-9	See: CB7350000
2475-58-3	See: IA2350000
2477-23-8	See: DT7960000
2477-24-9	See: DT7980000
2478-38-8	See: AM8440000
2478-92-4	See: BR7100000
2478-93-5	See: TB1100000
2478-96-8	See: SZ9200000
2479-64-3	See: DE8700000
2480-56-0	See: DP0800000
*2481-94-9	See: CX9871000
*2482-80-6	See: UV7065000
2484-08-4	See: BO8320000
*2484-30-2	See: BV7994500
*2485-10-1	See: TH7175000
2486-93-3	See: SZ4343000
2486-94-4	See: SZ4364000
2486-99-9	See: YM3780000
*2487-01-6	See: AF7175000
2487-40-3	See: UP0825000
*2487-90-3	See: VV6750000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
2469-52-3	See: DB8928000
*2489-77-2	See: YU4900000
*2490-89-3	See: CG9200000
2491-52-3	See: CN2710000
*2491-76-1	See: BX5060000
*2492-09-3	See: EM9251400
2492-23-1	See: TA2200000
2492-26-4	See: DL6825000
2492-30-0	See: AN0175000
2492-37-7	See: HM0448000
2493-04-1	See: LU9174000
2494-55-5	See: GA4950000
2494-56-6	See: BP0475000
*2495-54-7	See: AK9275000
2496-91-5	See: TF2976000
2496-92-6	See: TF2850000
2497-06-5	See: TD8925000
*2497-07-6	See: TD8600000
*2497-18-9	See: MP8425000
*2497-34-9	See: SL4450000
2497-78-1	See: MW5080000
2497-91-8	See: DG4996500
*2498-27-3	See: BR3500000
*2498-75-1	See: CX0900000
*2498-76-2	See: CX0875000
*2498-77-3	See: CX0700000
*2499-58-3	See: AT1412000
*2499-95-8	See: AT1450000
2502-86-5	See: DD7150000
2504-18-9	See: EO5600000
2506-20-9	See: DR9825000
2506-78-7	See: BQ1921000
*2507-91-7	See: ES2450000
2508-01-2	See: RQ2503000
*2508-18-1	See: AL0525000
*2508-19-2	See: DB8400000
*2508-20-5	See: LL8400000
2508-23-8	See: AL0875000
2508-65-8	See: AS3550000
*2508-72-7	See: NJ2150000
*2508-86-3	See: VA9662000
2510-95-4	See: AT6225000
2511-09-3	See: SZ5600000
2511-11-7	See: TB0500000
*2514-53-6	See: KW3730000
2515-36-8	See: CY1575200
2516-46-3	See: DM0540000
*2517-98-8	See: CW9100000
*2519-30-4	See: QJ5950000
*2520-21-0	See: RH6125000
2520-49-2	See: UU2945000
2520-50-5	See: UU3410000
2521-01-9	See: GZ0875000
2523-37-7	See: LL7950000
*2524-02-9	See: XN2990000
*2524-03-0	See: TD1830000
*2524-04-1	See: TD1780000
2524-06-3	See: TD1820000
2524-78-9	See: BW7025000
2525-21-5	See: VC3952000
2525-83-9	See: SA1960000
2528-36-1	See: TB9626600
*2529-45-5	See: TU5024000
*2529-46-6	See: KG8020000
*2530-39-4	See: DU3123500
*2530-83-8	See: VV4025000
2530-85-0	See: UC0230000
2530-97-4	See: XH5867000
2530-99-6	See: XH2350000
2531-84-2	See: SF7812000
2532-15-2	See: DG4455500
*2532-17-4	See: DH3056700
2532-49-2	See: FA2625000
2532-50-5	See: YL7700000
2532-86-7	See: YM5260000
2532-91-4	See: DH4010730
2533-34-8	See: XY7070000
*2533-82-6	See: CH7000000
2533-89-3	See: YV6023000
2536-18-7	See: NJ0680000
*2536-31-4	See: LL6070000
*2536-91-6	See: DL2625000
*2537-29-3	See: CP8575000
*2537-36-2	See: BS8250000
*2538-68-3	See: SG1576000
2538-76-3	See: TM4737500
2538-85-4	See: QK2200000
2539-17-5	See: SL8100000
*2540-82-1	See: TE1050000
*2541-68-6	See: CW7175000
*2541-69-7	See: CX1575000
*2542-38-3	See: LK6925000
*2545-59-7	See: AJ8420000
2546-06-7	See: JX3750000
2547-91-3	See: UM0982500
*2549-51-1	See: AG2850000
2549-67-9	See: CM7875000
2549-90-8	See: DJ1390000
2549-93-1	See: GU7000010
*2550-26-7	See: EL9600000
*2551-62-4	See: WS4900000
2551-73-7	See: ME8590000
2551-76-0	See: BS4305000
2556-42-5	See: JO1500000
*2556-73-2	See: CM4025000
2558-32-9	See: XU7000000
2563-97-5	See: AE7875000
2564-02-5	See: AD9630000
2564-54-7	See: NQ5850000
*2564-65-0	See: CW1925000
*2567-83-1	See: BS7366000
2568-57-2	See: TN2305000
*2570-26-5	See: RZ2120000
2571-22-4	See: WH1316600
*2571-86-0	See: GM2975000
*2572-38-5	See: AJ2660000
2572-39-6	See: DG8545000
2572-70-5	See: QJ1364000
2572-71-6	See: QJ1387700
2572-72-7	See: QJ1379100
2572-73-8	See: QJ1378800
2572-75-0	See: QJ1393500
2572-77-2	See: QJ1390000
2572-88-5	See: QJ1383300
2574-78-9	See: NI3915000
2576-43-4	See: BS0370000
2576-47-8	See: KQ8225000
*2578-28-1	See: ES7110000
*2578-75-8	See: AC6500000
2579-20-6	See: GU7000000
2580-63-4	See: UG5250000
*2580-78-1	See: CB1050000
2581-34-2	See: GP2625000
2581-36-4	See: GP4200000
*2581-69-3	See: JJ9700000
2581-81-9	See: UY4960000
2582-07-2	See: ME8513000
2582-16-3	See: NJ0545000
2583-80-4	See: WJ6962000
*2586-58-5	See: DG6241500
*2586-60-9	See: QK1420000
*2587-75-9	See: WH6600000
*2587-81-7	See: TP3922000
*2587-82-8	See: TP3921500
2587-84-0	See: TP4400000
2587-90-8	See: TF9450000
2588-03-6	See: TD8750000
2588-04-7	See: TD9100000
2588-05-8	See: TF2880000
2588-06-9	See: TF3050000
2588-35-4	See: SZ5830000
*2589-00-6	See: UF2032750
2589-01-7	See: XZ1830000
2589-02-8	See: TX3730000
*2589-15-3	See: PB9520000
*2589-47-1	See: AX7750000
2591-11-9	See: DL4600000
*2591-57-3	See: TG1356000
*2591-66-4	See: TB5950000
2591-86-8	See: TN0380000
2592-62-3	See: PB9090000
2593-14-8	See: EO3380000
*2593-15-9	See: XI3875000
*2594-20-9	See: FB3150000
*2595-51-9	See: TB6600000
2595-52-0	See: CV6925000
*2595-53-1	See: TB8925000
*2595-54-2	See: FB3850000
*2597-03-7	See: AI7875000
2597-53-7	See: TB2805000
*2597-54-8	See: EY8290000
2597-93-5	See: OW3362000
*2597-95-7	See: OW2550000
*2597-97-9	See: OW2000000
2598-25-6	See: MV2026000
2598-70-1	See: MV7550000
2598-71-2	See: MV5465000
2598-72-3	See: MV7650000
2598-73-4	See: MV2035000
2598-74-5	See: VT3480000
2598-75-6	See: VT3260000
2598-76-7	See: MV7450000
*2600-55-7	See: FF8950000
2600-69-3	See: TF3280000
*2602-46-2	See: QJ6400000
2604-45-7	See: DH6835100
*2606-85-1	See: DI8925000
*2606-87-3	See: CW6825000
2607-31-0	See: DL3190000
2609-67-8	See: NJ5746000
*2610-05-1	See: QJ6430000
2610-86-8	See: GN4600000
2611-00-9	See: GW3900000
*2611-82-7	See: QJ6530000
2612-14-8	See: AU1490000
*2614-06-4	See: TI4925000
*2615-11-4	See: AM9656500
2615-15-8	See: MM3670000
*2618-26-0	See: DG0950000
2619-05-8	See: YM5270000
2619-06-9	See: DH4010700
2619-07-0	See: DH3865000
2619-08-1	See: DH3885100
2619-42-3	See: DB0540000
2619-97-8	See: MB8480000
2620-09-9	See: AB8740000
2621-62-7	See: AE1965000
2621-71-8	See: FD8695000
2621-80-9	See: FD7795000
2622-08-4	See: TH1050000
2622-26-6	See: SN7175000
*2623-23-6	See: AI5900000
*2624-03-5	See: KE7647000
*2624-17-1	See: XZ1912000
2624-31-9	See: ML9830000
*2624-43-3	See: GO7550000
*2624-44-4	See: DB6145000
2625-14-1	See: HP1142000
2625-17-4	See: HP1111000
*2626-34-8	See: DK7400000
2626-64-4	See: SC0525000
*2628-17-3	See: SN3800000
*2629-11-0	See: WH1318000
2631-26-7	See: FB8822000
*2631-37-0	See: FB8050000
*2631-40-5	See: FB7880000
*2633-54-7	See: TG1360000
*2635-10-1	See: FC5075000
*2636-23-9	See: TB1110000
*2636-26-2	See: TF7600000
2636-91-1	See: TU5405000
2637-34-5	See: UT8575000
2637-35-6	See: XL2100000
*2639-63-6	See: ET4203000
2641-06-7	See: BR7000000
2641-08-9	See: BR1288000
2641-09-0	See: TB1095000
*2641-56-7	See: WH7268000
2642-37-7	See: NM3200000
*2642-50-4	See: YD2985000
*2642-71-9	See: TD8400000
2642-80-0	See: KH5480000
*2642-98-0	See: GC0500000
2643-01-8	See: GL0700000
2643-85-8	See: LV1048000
2644-24-8	See: MB9570000
2644-25-9	See: MB9805000
2644-26-0	See: MC0100000
2644-34-0	See: MC0355000
2644-36-2	See: MB9575000
2644-37-3	See: MB9805500
2644-38-4	See: MC0110000
2644-70-4	See: MV4625000
2645-61-6	See: NH6735000
*2646-17-5	See: QL5425000
2646-30-2	See: YS3500000
*2646-41-5	See: AU1620000
2646-97-1	See: BZ0400000
2648-61-5	See: AM7175000
*2649-50-5	See: HF0740000
*2650-18-2	See: BQ4550000
2652-77-9	See: UQ8455300
*2653-02-1	See: NX8156900
2653-08-9	See: AC7715000
*2654-47-9	See: OW4025000
2655-14-3	See: FC8925000
2655-19-8	See: FB8520000
2656-72-6	See: MV4557000
*2658-24-4	See: CM6888000
*2664-60-0	See: DH2185600
*2664-63-3	See: SN0800000
2665-12-5	See: ED4960000
*2665-28-3	See: TB8970000
*2665-30-7	See: TB1680000
2666-14-0	See: JL6650000
*2667-20-1	See: FG1581700
2667-33-6	See: TF1450000
*2667-40-5	See: TC0845000
*2667-41-6	See: TB9660000
*2667-49-4	See: TB1080000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
2667-52-9	See: TE0260000
2667-70-1	See: GU7071000
2667-89-2	See: LQ2720000
2668-66-8	See: TU5250000
*2668-92-0	See: QK5950000
*2669-32-1	See: TE0875000
*2669-35-4	See: WH6873000
*2669-36-5	See: VA9770000
2673-40-7	See: ZB1740000
*2674-91-1	See: TG1575000
*2675-77-6	See: CZ4750000
2675-94-7	See: AS3471000
2678-29-7	See: AJ7000000
2679-01-8	See: SP5775000
2679-19-8	See: GW5950000
*2680-03-7	See: AU3230000
2680-50-4	See: TY2200000
2680-51-5	See: TZ1112000
2684-62-0	See: AL4650000
*2686-99-9	See: FC8575000
2687-43-6	See: NC3040000
2688-84-8	See: BY7940000
*2691-41-0	See: XF7450000
*2693-46-1	See: LL4000000
2696-84-6	See: BY8320000
*2696-92-6	See: QZ7883000
2698-27-3	See: YM3678000
2698-38-6	See: AG1925000
*2698-41-1	See: OO3675000
2698-42-2	See: OO3640000
*2699-79-8	See: WT5075000
2700-03-0	See: GY4695300
2700-04-1	See: GY4695500
2700-13-2	See: GY4695100
2700-22-3	See: OO3500000
*2700-89-2	See: KV9490000
*2701-86-2	See: TB8600000
*2702-72-9	See: AG8925000
*2703-13-1	See: TB1160000
2703-37-9	See: TE4180000
2703-61-9	See: EM9200000
2705-62-0	See: GQ5100000
*2705-87-5	See: GV6735000
*2706-47-0	See: YK8050000
*2706-50-5	See: SH9798450
*2706-66-3	See: KE1605000
2706-75-4	See: MD4725000
2709-56-0	See: TL9900000
2718-25-4	See: VI0650000
2719-23-5	See: AC8800000
2719-32-6	See: NX8479500
*2720-17-4	See: TB0185000
*2720-18-5	See: TB1070000
*2720-19-6	See: TB0200000
*2720-67-4	See: FG1581950
*2720-73-2	See: FG1581900
*2720-76-5	See: FG1580500
*2720-77-6	See: FG1500000
*2720-79-8	See: FG1100000
*2720-80-1	See: FG1581800
2723-37-7	See: AH2755000
*2724-69-8	See: YT8750000
2725-15-7	See: TL9347500
*2726-03-6	See: HP2275000
2726-44-5	See: SB4214000
2727-63-1	See: DL3180000
2727-94-8	See: UR7400000
2727-95-9	See: UR6300000
2727-97-1	See: UR7450000
2728-04-3	See: XS3850000
2728-05-4	See: XS4025000
*2729-03-5	See: QE4200000
2730-27-0	See: UH1772500
*2730-71-4	See: GH0878800
*2731-16-0	See: GH0875000
*2732-09-4	See: CU3150000
2735-04-8	See: BX4200000
*2736-21-2	See: NL4125000
2736-80-3	See: TY6305000
2737-22-6	See: CU6900000
*2738-64-9	See: YD4588000
2740-04-7	See: LK8575000
2740-16-1	See: AH3082000
2740-17-2	See: AH2785000
2740-25-2	See: NK6650000
2741-10-8	See: YT3620000
*2743-05-7	See: DP1576400
2743-21-7	See: HQ7080000
2746-76-1	See: QJ1388200
2746-81-8	See: MJ2450000
*2747-31-1	See: BX7525000
2748-49-4	See: BO5040000
2748-88-1	See: TJ7825000
*2750-76-7	See: AB7525000
*2751-09-9	See: RJ9900000
2752-11-6	See: SO1650000
2752-64-9	See: AR5563000
*2752-65-0	See: PB9268200
2752-81-0	See: FB5650000
*2753-41-5	See: SZ5690000
2753-45-9	See: YX5425000
*2757-18-8	See: OO1770000
2757-28-0	See: YF7175000
*2757-90-6	See: MA1284000
2759-71-9	See: GZ1050000
*2761-24-2	See: VV4750000
*2763-96-4	See: NY3325000
2766-50-9	See: WR7685000
*2767-41-1	See: WH7220000
*2767-47-7	See: WH6883000
*2767-54-6	See: WH6740000
*2767-55-7	See: WH7270000
*2767-61-5	See: WH6760000
2767-70-6	See: TA2390000
*2768-02-7	See: VV6770000
*2769-07-5	See: QK1296000
2769-30-4	See: XL1626000
2770-12-9	See: LQ4675000
2770-75-4	See: XY8600000
2771-13-3	See: MV5466000
2773-20-8	See: XZ5471500
*2773-92-4	See: NW6950000
*2778-04-3	See: TF8225000
*2779-55-7	See: TH7010000
2779-66-0	See: TD6300000
*2781-10-4	See: WH6714500
2782-40-3	See: CV2442000
*2782-57-2	See: XZ1845000
*2782-70-9	See: TD4900000
*2782-91-4	See: YU2750000
2783-12-2	See: EM8575000
2783-17-7	See: JR2200000
2783-72-4	See: DL7065000
*2783-94-0	See: QK2450000
2784-27-2	See: MU2485000
*2784-86-3	See: AC3340000
*2784-94-3	See: SS8500000
*2785-87-7	See: SL8050000
2788-86-5	See: CZ0527000
2789-92-6	See: CB2800000
2792-92-9	See: YN0875000
2792-95-2	See: AB4400000
2794-40-3	See: DO6000000
2794-72-1	See: MC0540000
2797-10-6	See: GA4800000
*2797-51-5	See: QL7350000
2797-57-1	See: TA8103000
2798-06-3	See: CM8280000
2799-07-7	See: AY7700000
2803-69-2	See: NX4912500
2804-00-4	See: HM2650000
2806-85-1	See: UE1750000
*2807-30-9	See: KM2800000
2807-91-2	See: QJ0680000
2808-06-2	See: QJ0650000
2808-86-8	See: UT8050000
2809-43-0	See: ET9830000
2809-44-1	See: ET9810000
2809-45-2	See: ET9820000
2809-46-3	See: YV8500000
2809-47-4	See: ET9700000
2809-48-5	See: EU0590000
2809-49-6	See: EU0650000
2809-50-9	See: EU0670000
2809-52-1	See: EU0610000
2809-54-3	See: QJ1381800
2809-60-1	See: QJ1387900
2810-20-0	See: QJ1367500
2812-47-7	See: TW3575000
*2812-73-9	See: LQ6950000
2813-72-1	See: NJ5488000
2813-84-5	See: NJ5450000
2813-87-8	See: NJ5790000
*2813-95-8	See: AF7140000
2814-20-2	See: UW7525000
2814-33-7	See: NJ5530000
*2814-77-9	See: QL3436000
2815-95-4	See: MW5600000
2817-59-6	See: QJ0620000
*2818-88-4	See: DK7700000
*2818-89-5	See: DK7525000
2819-67-2	See: GV6795000
2819-68-3	See: GV6805000
*2820-51-1	See: QS8575000
*2823-90-7	See: AC1925000
*2823-91-8	See: AC1750000
*2823-93-0	See: AC1575000
*2823-94-1	See: AC2100000
*2823-95-2	See: AC2450000
*2824-10-4	See: AC1400000
*2824-50-2	See: BV8409000
*2825-00-5	See: UQ0800000
*2825-60-7	See: TU3460000
*2825-82-3	See: PB9600000
2826-30-4	See: OO4378000
2826-32-6	See: OO4375000
2827-06-7	See: KR7350000
*2827-28-3	See: DI9862000
2827-42-1	See: XY6892000
2827-44-3	See: XY6830000
2827-45-4	See: XY6890000
*2827-46-5	See: XZ2650000
2828-06-0	See: QJ1388500
*2828-42-4	See: AL6900000
2829-57-4	See: XI4820000
2830-86-6	See: TF7890000
*2830-87-7	See: TE0660000
*2832-40-8	See: AC3662000
*2833-85-4	See: TE1300000
2834-10-8	See: OO4245000
2834-79-9	See: XJ2275000
*2834-84-6	See: ME8440000
*2835-39-4	See: NY1412000
2835-78-1	See: DJ0170000
*2835-95-2	See: SJ6090000
2835-99-6	See: SJ6085000
2836-32-0	See: MC5525000
2838-71-3	See: OF0610000
2839-41-0	See: YQ2458000
2840-26-8	See: DG2872000
2842-11-7	See: AN3450000
*2842-37-7	See: KM0175000
*2842-38-8	See: KK3534000
*2842-38-8	See: KK3530000
2847-05-4	See: ON7865000
*2847-65-6	See: WH5680000
2849-81-2	See: XT5610000
2850-40-0	See: XH5920000
2850-41-1	See: XH6492000
*2850-61-5	See: CH7280000
2851-13-0	See: DD8300000
2852-07-5	See: EJ1070000
2852-42-8	See: NI4250000
2853-38-5	See: XZ5500000
2854-16-2	See: UA6125000
2854-70-8	See: XY3240000
*2855-13-2	See: GV6129000
*2855-19-8	See: JR2450000
2856-75-9	See: UQ3850000
*2857-03-6	See: WH5670000
2858-66-4	See: RX9625000
2859-16-7	See: QC7645000
2859-67-8	See: UT7390000
2862-16-0	See: UY9450000
2864-61-1	See: TB3150000
2864-96-2	See: UY5689000
*2865-19-2	See: WH7128000
*2865-70-5	See: SP6780000
*2866-58-2	See: HN6200000
*2867-47-2	See: OZ4200000
2867-93-8	See: GU2140000
2868-49-7	See: HQ4027500
*2869-09-2	See: QL0350000
*2869-10-5	See: QL0525000
*2869-12-7	See: HP5775000
*2869-59-2	See: HO6660000
*2869-60-5	See: HO7175000
2869-83-2	See: SG1633000
2870-71-5	See: YM3720000
*2871-01-4	See: KJ6500000
2872-48-2	See: CB6485000
*2872-96-0	See: TB9500000
*2873-36-1	See: UY8708800
*2873-97-4	See: AS3475000
2876-62-2	See: ET8450000
2876-78-0	See: QJ1225000
2877-69-2	See: DB3170000
2878-62-8	See: VC3270000
2879-60-9	See: SM6670000
2881-29-0	See: QF2880000
2881-30-3	See: QF3385000
2881-31-4	See: XU1580000
2883-45-6	See: MI5450000
2883-60-5	See: US2140000
*2883-98-9	See: DC2975000
*2884-67-5	See: YT2700000
*2885-39-4	See: MA5075000
2886-62-6	See: AH3170000
2886-65-9	See: DF2370100
*2886-89-7	See: NK4900000

BEST COPY AVAILABLE

CAS No.	RTECS No.
2888-90-6	See: RB7940000
2890-28-0	See: DE9501000
2891-99-8	See: NJ5720000
2892-18-4	See: MP8925000
*2892-51-5	See: GU1800000
2893-42-7	See: AH2830000
*2893-43-8	See: KL0175000
2893-70-1	See: AH3090000
2893-71-2	See: AH2795000
*2893-78-9	See: XZ1900000
2894-67-9	See: DF2367500
*2896-87-9	See: MA1300000
*2897-21-4	See: AY6031000
*2897-46-3	See: WH6125000
2898-11-5	See: DE9100000
*2898-12-6	See: DE9070000
2898-13-7	See: DE9700000
2898-69-3	See: AH3118000
2898-70-6	See: AH2880000
2901-20-4	See: MO6550000
*2901-66-8	See: ZF9890000
2902-98-9	See: AO6490000
2907-29-1	See: AK0175000
2909-38-8	See: NQ8560000
2909-86-6	See: AF6760000
2909-87-7	See: AH3114000
2909-89-9	See: AH3156000
2909-91-3	See: AH2820000
2909-92-4	See: AH3162000
2909-94-6	See: AH2825000
2909-95-7	See: AH3166000
2911-06-0	See: AH3066000
2911-08-2	See: AH3106000
2911-36-6	See: XY4396000
2912-80-3	See: AH2775000
2912-83-6	See: AH2835000
2912-84-7	See: AH3098000
2912-85-8	See: AH2800000
2912-86-9	See: AH3060000
2912-87-0	See: AH3094000
*2912-89-2	See: AH3063000
*2912-90-5	See: AH2770000
2913-07-7	See: AH3110000
2913-08-8	See: AH2810000
2913-97-5	See: TI5125000
2914-77-4	See: GV8885000
2914-79-6	See: GU3200000
2914-82-1	See: GV9750000
2914-95-6	See: GV8875000
2915-01-7	See: VA4145000
2915-53-9	See: ON1600000
2916-67-8	See: KM5000000
2916-68-9	See: KM5480000
*2917-19-3	See: FB5075000
*2917-21-7	See: TB0275000
2917-91-1	See: UI2625000
*2917-96-6	See: IO0700000
*2919-66-6	See: TU4141000
2920-52-7	See: UY2624000
2920-54-9	See: QF0450000
2921-06-4	See: YV8970000
2921-14-4	See: AF3150000
*2921-31-5	See: SY6475000
*2921-67-7	See: SZ6100100
*2921-88-2	See: TF6300000
2922-17-0	See: BR1301000
*2922-44-3	See: UY1430000
2922-54-5	See: WN0500000
2922-87-4	See: CL5591000
2923-96-8	See: CU6250000
*2924-67-6	See: WR6475000
2928-69-0	See: YV8600000
*2929-14-8	See: UZ9550000
2929-81-9	See: CU5952000
2929-87-5	See: ED4580000
*2930-05-4	See: TX2860000
*2931-90-0	See: NT2005000
2933-24-6	See: BQ2702400
2933-25-7	See: CQ1428000
*2933-94-0	See: UB7578500
*2935-44-6	See: MO2275000
*2937-50-0	See: LQ5775000
2937-53-3	See: KJ6825000
*2938-98-9	See: EK2275000
2939-80-2	See: GW4905000
*2941-55-1	See: EZ7290000
2942-40-7	See: NK7960000
2942-42-9	See: NK7962200
2942-58-7	See: TD2500000
2943-56-8	See: MX8905000
2945-67-7	See: NJ5730000
2945-96-2	See: QK1287000
2946-59-0	See: SY9100000
2948-12-1	See: SM6400000
*2949-42-0	See: WH8628000
2950-43-8	See: NC5427000
*2951-17-9	See: TE7800000
2953-29-9	See: TE4750000
2954-50-9	See: QM4900000
*2955-38-6	See: DF2368000
*2958-05-6	See: FZ2256000
2958-36-3	See: DJ0200000
2961-61-7	See: DI4200000
2961-62-8	See: DI4270000
2961-87-7	See: GU4100000
*2962-14-3	See: SL1944800
2963-64-6	See: DE1124000
2963-75-9	See: BR1308000
2963-79-3	See: NM3175000
2964-06-9	See: CQ4060000
2965-77-7	See: VA4105000
2969-30-4	See: ES4930000
2969-87-1	See: AV2000000
2971-22-4	See: KI3230000
2971-27-9	See: UR6510000
2971-36-0	See: KH5830000
2971-38-2	See: AG8200000
*2971-61-1	See: SH2195000
2971-75-7	See: TO7875000
*2971-90-6	See: UU7711500
2972-78-3	See: OO3745000
2972-84-1	See: OO4310000
2972-95-4	See: KH7680000
2973-00-4	See: PA7600000
*2973-10-6	See: WS8050000
2973-15-1	See: ON5775000
2973-17-3	See: ON4850000
2975-34-0	See: UC2975000
2975-36-2	See: SP2800000
2976-32-1	See: WR6700000
2976-94-5	See: SM1131930
2977-16-4	See: ES4392500
2977-17-5	See: ES4340000
2977-18-6	See: ES4390000
2977-19-7	See: YV4500000
2977-20-0	See: ES4875000
2977-21-1	See: ES4440000
2977-22-2	See: ES4855000
2977-23-3	See: YV5957000
2977-24-4	See: ES4960000
2977-25-5	See: ES4865000
2977-26-6	See: ES4430000
2978-67-8	See: EO4650000
2979-26-2	See: GV9000000
*2980-12-3	See: LU9803000
2980-64-5	See: GP0250000
2980-74-7	See: MC0359000
2981-10-4	See: TM6510000
*2981-31-9	See: TN2272597
2982-07-2	See: QJ1377600
2982-09-4	See: QJ1392500
*2984-50-1	See: RG9625000
*2984-59-0	See: NJ6650000
*2984-64-7	See: TA5425000
*2984-65-8	See: TA6825000
*2984-66-9	See: TA5300000
*2984-68-1	See: TA7830000
*2984-70-5	See: TA6700000
*2984-78-3	See: TD5650000
*2984-79-4	See: TB8473000
*2984-80-7	See: TB8569900
2986-17-6	See: YS9860000
2986-29-0	See: UM8300000
*2987-46-4	See: XK7700000
2988-32-1	See: NK8400000
2989-21-1	See: SI7707000
2989-24-4	See: SI7706000
2990-03-6	See: YU4990000
2990-17-2	See: KH4810000
*2990-70-7	See: CW6910000
2996-92-1	See: VV5252000
*2996-95-4	See: VV4805000
2997-01-5	See: UI2800000
2997-45-7	See: HN0360000
2998-04-1	See: AV0350000
*2999-74-8	See: OM3190000
*3000-39-3	See: RC8899900
*3001-57-8	See: XN0480000
*3001-63-6	See: BR0785000
3002-52-6	See: GE7800000
3002-54-8	See: QO9100000
3003-84-7	See: LU0350000
3004-70-4	See: XY7350000
3004-71-5	See: XY5775000
3005-27-4	See: ON5125000
*3006-93-7	See: ON6125000
3007-53-2	See: JR2050000
3007-70-3	See: BY2100000
3009-34-5	See: GU5782000
*3009-50-5	See: BX6475000
*3009-55-0	See: BX6125000
3009-97-0	See: AM1750000
3010-00-2	See: BP5750000
*3010-02-4	See: AL8575000
3010-03-5	See: AM1925000
3010-11-5	See: TN5170000
3010-30-8	See: SS9450000
*3010-38-6	See: BX7100000
*3010-47-7	See: BX5050000
*3010-57-9	See: BX8400000
3011-82-3	See: SZ0180500
*3012-37-1	See: XK8155000
*3012-65-5	See: GE7573000
*3012-69-9	See: RG1225000
3013-94-3	See: YM0750000
3015-65-4	See: XB7950000
3015-70-1	See: SZ6700000
3015-72-3	See: TA0372000
3015-74-5	See: SZ7015000
3015-75-6	See: TA0290000
3015-77-8	See: SZ8555000
3015-78-9	See: TA0230000
3015-81-4	See: SZ7070000
3015-82-5	See: SZ7120000
3015-84-7	See: SZ6550000
*3018-12-0	See: AL8465000
3019-89-4	See: GP3131000
3020-81-3	See: ES5155000
*3021-41-8	See: XQ7380000
3022-92-2	See: ON7050000
*3025-73-8	See: BX8925000
*3025-88-5	See: MO1840000
*3025-96-5	See: ES5610000
3027-21-2	See: VV3645000
*3027-38-1	See: QK5370000
3028-88-4	See: TH1450000
3029-67-2	See: KJ7400000
*3030-47-5	See: IE2100000
3030-80-6	See: DE1120000
3030-97-5	See: VN5950000
*3031-51-4	See: RQ3640000
3031-66-1	See: MR0175000
*3031-74-1	See: XY8355000
3031-98-9	See: ZF1500000
*3033-29-2	See: RP4400000
*3033-62-3	See: KR9460000
3033-77-0	See: BQ3480000
*3034-19-3	See: MV8210000
*3034-22-8	See: XJ2280000
3034-38-6	See: NI7892000
3034-42-2	See: NI7530000
*3034-48-8	See: XJ2986000
3035-45-8	See: XY9700000
3036-66-6	See: KN4200000
3037-72-7	See: EO4200000
3038-49-1	See: NJ4640000
3038-50-4	See: NJ4130000
3038-55-9	See: NJ4620000
3038-60-6	See: NJ4660000
3038-62-8	See: NJ4150000
3038-67-3	See: MV5250000
*3040-38-8	See: BP2990000
3040-69-5	See: TA3150000
3041-16-5	See: JH2290000
*3042-21-5	See: UX9641550
3042-22-6	See: UX9641700
3042-78-2	See: QF2890000
3043-02-5	See: AH3174000
3043-03-6	See: AH3126000
3043-04-7	See: AH2840000
3043-05-8	See: AH3300000
3043-06-9	See: AF6770000
3043-07-0	See: AH3134000
3043-08-1	See: AH3184000
3043-09-2	See: AH3146000
3043-10-5	See: AH2865000
3043-11-6	See: AH3182000
3043-12-7	See: AH3138000
3043-14-9	See: AH3178000
3043-16-1	See: AH2870000
3043-17-2	See: AH3102000
3043-18-3	See: AH2805000
3043-21-8	See: AH3142000
3043-22-9	See: AH2860000
*3048-64-4	See: RC0350000
*3048-65-5	See: NK8750000
3050-27-9	See: UM0960000
3054-21-5	See: SZ5990200
*3054-95-3	See: AS1370000
3055-74-1	See: TG6900000

BEST COPY AVAILABLE

CAS No.	RTECS No.
3055-84-3	See: GV5000000
*3055-94-5	See: KK7870000
3055-96-7	See: MP4780500
3060-19-3	See: VA3600000
3060-25-1	See: VA2500000
3060-26-2	See: VA2560000
*3060-37-5	See: QJ0933100
3060-50-2	See: MC0176000
*3060-89-7	See: YS3325000
3061-65-2	See: AG4550000
3062-58-6	See: TD4100000
3062-62-2	See: TG1355000
*3064-61-7	See: JO6150000
*3064-70-8	See: WR4920000
*3065-46-1	See: KH5600000
3065-79-0	See: DL7047000
*3066-71-5	See: AS7350000
*3067-12-7	See: DJ6316000
*3067-13-8	See: DJ6315000
*3067-14-9	See: DJ6315400
*3068-00-6	See: EK7176000
*3068-88-0	See: RQ8050000
3069-30-5	See: EO6125000
3070-13-1	See: TC2045000
3070-15-3	See: TF4020000
3071-70-3	See: DL7045000
3072-84-2	See: TX3700000
3073-66-3	See: GV7650000
3074-80-4	See: FG1589000
3076-04-8	See: AT4800000
3077-57-4	See: TB2825000
3077-60-9	See: TG1100000
3077-61-0	See: SM1400000
3078-78-2	See: TD4120000
3078-85-1	See: TF6898000
3078-93-1	See: TG0415000
3078-94-2	See: TF9825000
3078-97-5	See: TF2027000
3079-01-4	See: TC0800000
3079-03-6	See: TC0760000
3080-19-1	See: CI7560000
*3081-14-9	See: SS8400000
*3081-67-2	See: UC1795000
3083-23-6	See: TZ9280000
3083-25-8	See: EK3875000
*3083-77-0	See: YQ8818000
3083-83-8	See: CM3480000
3084-25-1	See: YS2720000
3084-47-7	See: SZ1675000
3084-48-8	See: SZ1650000
3084-50-2	See: SZ2800000
*3084-62-6	See: AJ8440000
3085-42-5	See: WS2275000
3085-45-8	See: KM2930000
3085-98-1	See: DG4416000
3085-99-2	See: CB2557500
3086-62-2	See: CV6125000
*3087-01-2	See: YM5991000
*3087-02-3	See: YM5989000
*3087-16-9	See: BQ1150000
*3087-37-4	See: UH8840000
*3088-37-7	See: CH7260000
3088-41-3	See: TN3714000
3088-42-4	See: MB9275000
*3088-44-6	See: UG0175000
3088-53-7	See: LW4200000
3088-77-5	See: IM1925000
*3088-78-6	See: RB2140000
3089-11-0	See: OM8225000
*3090-35-5	See: WH8700000
*3090-36-6	See: WH8584000
*3091-18-7	See: WH6750000
*3091-25-6	See: WH8590000
*3093-35-4	See: TU5010200
3094-87-9	See: AI3850000
*3096-50-2	See: AC7000000
3096-57-9	See: LL8980200
3096-70-6	See: ZE6740000
3099-31-8	See: US6810000
*3099-88-5	See: TA6120000
*3102-00-9	See: UA8400000
*3105-97-3	See: XO1590000
*3106-60-3	See: UU3300000
3108-05-2	See: MP0900000
3111-70-4	See: SO3000000
3111-71-5	See: TL7600000
3111-89-5	See: FD9784000
3112-87-6	See: WR2450000
3112-88-7	See: WR2700000
3114-90-7	See: AH2845000
*3115-05-7	See: AY3170000
3115-21-7	See: OB5953000
3115-66-0	See: TA2420000
3115-68-2	See: TA2417000
3116-76-5	See: XH8923000
3117-38-2	See: AJ2380000
*3118-97-6	See: QL5850000
3119-02-6	See: DB1582000
*3119-15-1	See: DG3349000
3120-59-0	See: ES4330000
3120-60-3	See: YV5953000
3120-74-9	See: GP2225000
3121-61-7	See: KL6000000
3122-01-8	See: DL0525000
*3123-27-1	See: CU3050000
3123-89-5	See: GH0710000
*3124-38-7	See: EL3083600
*3124-40-1	See: MO9630000
*3124-41-2	See: PC1980700
*3124-42-3	See: SA6695000
*3124-46-7	See: UB3750000
3124-50-3	See: TY3848000
*3124-93-4	See: RC8900000
3125-77-7	See: NX9160000
*3126-90-7	See: NT2300000
3126-95-2	See: TZ3690000
3128-43-6	See: DH5940000
*3129-90-6	See: NX8210000
*3129-91-7	See: HY4200000
*3130-19-6	See: MO1880550
3130-75-4	See: NR3459000
*3131-03-1	See: ZA4870000
3131-08-6	See: AR9800000
3131-27-9	See: UT5010000
3131-32-6	See: NJ2200000
3131-60-0	See: XZ3016000
*3132-64-7	See: TX4115000
*3134-12-1	See: CV3680000
3137-27-7	See: AH3130000
3137-28-8	See: AH3150000
3137-83-5	See: NX8220000
3138-69-0	See: AH3154000
3138-86-1	See: VD1420000
*3139-55-7	See: SY0787000
*3139-56-8	See: SH6005000
3140-13-4	See: BP8144000
3140-15-6	See: BP8143000
3140-74-7	See: XY3500000
*3143-06-4	See: NT2541000
3143-89-3	See: YS1951500
3144-30-7	See: WK4900500
3145-29-7	See: SN2990000
3145-31-1	See: SJ7550000
3146-39-2	See: RB7176000
3147-20-4	See: TF1665000
*3147-51-1	See: VH3708500
*3148-09-2	See: WH1316810
*3148-42-3	See: RP5776500
3148-72-9	See: AI2930000
3149-00-6	See: YS4025000
3149-01-7	See: YT5950000
*3150-38-7	See: UU4017200
3150-53-6	See: UX9348000
*3151-41-5	See: WH6800000
*3151-59-5	See: MM1120200
*3152-41-8	See: TD5950000
3154-91-4	See: ES0200000
3155-16-6	See: RO2880000
3155-80-4	See: VA3075000
3156-70-5	See: UD1485000
3160-32-5	See: SB4219500
*3160-37-0	See: EL9130000
*3160-91-6	See: QD9815000
3161-20-4	See: SJ4100000
3161-50-0	See: HQ6915000
3162-56-9	See: LE3170000
3162-75-2	See: EU2712000
3163-24-4	See: VH2275000
3164-12-3	See: DM4821000
*3164-29-2	See: WW8050000
*3165-93-3	See: XU5250000
3166-57-2	See: VA2900000
3166-63-0	See: BS8600000
3166-74-3	See: SH2995000
3170-72-7	See: BO9275000
3172-04-1	See: TD8275000
*3173-53-3	See: NQ8650000
*3173-79-3	See: RQ7875000
3173-95-3	See: NJ5110000
3175-23-3	See: TZ9100000
3175-95-9	See: HF9730000
*3176-03-2	See: QC8900000
*3178-03-8	See: QM3250000
3179-31-5	See: XZ5267500
*3179-56-4	See: SD7864000
*3179-56-4	See: SD7864200
*3179-56-4	See: SD7864100
3179-76-8	See: UI0700000
*3179-90-6	See: CB5746000
*3180-09-4	See: SJ8850000
3182-02-3	See: UQ9000000
*3182-26-1	See: TY1050000
3182-95-4	See: UA6900000
3184-13-2	See: RM2985000
3184-36-9	See: NX0350000
*3186-12-7	See: TB1120000
*3186-14-9	See: TB1667000
*3186-23-0	See: PC0400000
*3186-27-4	See: TB8470000
*3188-13-4	See: KN6430000
3188-57-6	See: RP3700000
3189-38-6	See: NR3536000
3189-39-7	See: NR3880000
3195-78-6	See: AC6475000
3195-79-7	See: AB8925000
3196-50-7	See: KJ5030000
3196-56-3	See: TE9450000
3198-07-0	See: DN7875000
3198-15-0	See: RC3240000
3198-41-2	See: AR9532000
3200-06-4	See: LU5805000
3200-36-0	See: LQ3550000
*3200-96-2	See: GU1850000
3201-30-7	See: AY7585000
3201-98-7	See: LU9420000
3202-03-7	See: LU9440000
*3202-55-9	See: DD3590000
*3204-27-1	See: SK0175000
3204-31-7	See: DE1595500
*3204-78-2	See: GU1345000
3205-48-9	See: QC8986000
3209-30-1	See: XT6650000
3211-10-7	See: AH2765000
3211-20-9	See: GU1600000
3212-18-8	See: TB8950000
3212-26-8	See: PC4460000
3212-45-1	See: AF5100000
3212-60-0	See: GY7000000
3215-24-5	See: WL2278000
3215-84-7	See: OB2862000
3215-85-8	See: OB2856000
3215-86-9	See: MJ7180000
3215-87-0	See: OB2880000
3215-88-1	See: OB2868000
3215-89-2	See: OB2874000
3215-98-3	See: KR6708400
3216-54-4	See: QJ0900000
3216-74-8	See: QJ0950000
3218-02-8	See: GV6128000
3219-63-4	See: PC4100000
3221-15-6	See: TX4725000
3226-36-6	See: EZ9450000
3226-37-7	See: XK8925206
3230-69-1	See: SB4950000
*3231-93-4	See: JG7880000
*3237-50-1	See: UW0492000
3239-44-9	See: SH6822000
*3239-63-2	See: TA8050000
3240-20-8	See: FE2650000
3240-34-4	See: DA3525000
3240-94-6	See: QE0175000
3241-77-8	See: SI4045000
3244-75-5	See: VA4170000
3244-80-2	See: VA3780000
*3244-90-4	See: XN4550000
*3244-93-7	See: VA2380000
3246-50-2	See: TB3963500
3247-33-4	See: SZ8550000
*3248-28-0	See: UG7110000
*3248-28-0	See: JL8750000
*3248-93-9	See: ZE9705000
3251-07-8	See: ES7062000
3251-08-9	See: ES4260300
*3251-23-8	See: QU7400000
3251-56-7	See: SL7800000
3252-43-5	See: AL8450000
*3253-60-9	See: NX5137000
*3253-62-1	See: FH4900000
*3254-62-4	See: TG2920000
*3254-63-5	See: TC5075000
3254-66-8	See: TC2450000
*3254-89-5	See: TM4970500
*3258-02-4	See: YU8080000
*3261-53-8	See: LZ1130000
3263-82-9	See: SZ5975000
*3263-99-8	See: AB4395000
3264-31-1	See: OB1228300
*3264-82-2	See: SA2100000
*3266-23-7	See: EK3855000
*3267-78-5	See: WH6700000

BEST COPY AVAILABLE

CAS No.	RTECS No.
3268-19-7	See: LV2580000
3268-27-7	See: TP4517500
*3268-49-3	See: UE2285000
3268-79-9	See: XK8800000
*3268-87-9	See: HP3350000
3269-83-8	See: US9700000
3270-02-8	See: KE2000000
*3270-35-7	See: XF8780000
*3270-71-1	See: LT7750000
*3270-78-8	See: VC3510000
3270-86-8	See: TF4725000
3271-76-9	See: CB2300000
*3272-63-7	See: MF0525000
3275-13-6	See: TN0180000
*3275-51-2	See: FZ9890000
*3276-08-2	See: DD8175000
*3276-09-3	See: DD8180000
*3276-41-3	See: RP6198060
3278-35-1	See: ZD6825000
3278-46-4	See: UF8050000
*3279-46-7	See: FC7525000
3279-50-3	See: TC0200000
3281-77-4	See: DH3885030
*3282-30-2	See: AO7200000
3282-32-4	See: AM6930000
*3282-85-7	See: YD4550000
3283-58-7	See: MV5438000
3284-51-3	See: UX0380000
3286-24-6	See: NL5995600
*3287-99-8	See: DP5425000
*3288-58-2	See: TD9670000
*3288-80-0	See: MW0349100
3289-00-7	See: AK8295000
3289-03-0	See: GU7113000
3289-04-1	See: GU7119000
*3289-23-4	See: RP5490000
3289-28-9	See: GU8490000
*3290-92-4	See: TY6675000
*3290-99-1	See: BZ4800000
3292-42-0	See: DC0700000
3295-60-1	See: AR9350000
*3296-90-0	See: TY3195500
3299-38-5	See: EL7525000
3299-61-4	See: RP1578000
*3301-75-5	See: CU3100000
3304-59-4	See: UY0750000
*3308-28-9	See: DD8072000
3308-51-8	See: TB2650000
*3308-64-3	See: FZ4200000
*3309-67-9	See: TB9670000
*3309-68-0	See: TD9800000
*3309-70-4	See: TB9700000
*3309-71-5	See: TB1112000
3309-75-9	See: UX6300000
*3309-77-1	See: GQ4375000
3309-78-2	See: TF5670000
3309-79-3	See: TC1350000
3309-87-3	See: TE8225000
3310-41-6	See: UW7520000
3311-54-4	See: QC5650000
*3313-26-6	See: XO1420000
3313-27-7	See: XO1575000
*3313-92-6	See: SD9920000
3314-35-0	See: UQ8910000
3314-99-6	See: UM0235000
3315-20-6	See: DM4865000
*3316-46-9	See: LK9279000
*3317-75-7	See: HF0525000
3319-01-5	See: TM6520000
3319-28-6	See: KL7250000
3321-80-0	See: DD3850000
3323-00-0	See: NJ5784000
3323-01-1	See: NJ5782000
3323-02-2	See: NJ5770000
3323-03-3	See: NJ5774000
3323-08-8	See: NJ5756000
3323-10-2	See: NJ5109700
3323-20-4	See: NJ5200000
3323-25-9	See: NJ5748000
3323-26-0	See: NJ5778000
3323-66-8	See: NJ5795000
3323-69-1	See: NJ5732000
3324-71-8	See: MF0600000
3326-71-4	See: LV1925000
3327-79-5	See: QD1790000
*3328-25-4	See: FZ7525000
3328-33-4	See: SZ8650000
*3329-14-4	See: TM7861000
3329-91-7	See: JG5787500
3330-46-9	See: CQ1225000
3330-61-8	See: CQ5000000
*3333-08-2	See: TN4975000
*3333-52-6	See: WN4025000
*3333-67-3	See: QR6200000
*3333-83-3	See: UY0891000
*3333-85-5	See: UY1329350
3336-19-4	See: DI3850000
3336-34-3	See: DI3675000
3336-41-2	See: DG7502000
3337-70-0	See: FC9200000
*3337-71-1	See: FD1190000
3337-86-8	See: VA2100000
3337-87-9	See: VA1380000
3338-24-7	See: TD8550000
3338-35-0	See: AY3276750
3340-22-5	See: AR7430000
*3340-93-0	See: CU3861500
*3340-94-1	See: CU3859000
*3342-61-8	See: LZ9800000
*3342-98-1	See: FZ4100000
*3342-99-2	See: FZ3500000
*3343-07-5	See: FZ4375000
*3343-08-6	See: FZ4550000
*3343-10-0	See: CU1225000
*3343-12-2	See: FZ3470000
3343-15-5	See: KE5060000
3344-11-4	See: TE1751000
3344-12-5	See: WM8425000
3344-14-7	See: TG0400000
3344-70-5	See: JR2295000
3345-50-4	See: UY7352700
3345-92-4	See: GU7117000
*3346-27-8	See: BV8089710
*3347-22-6	See: QL0700000
3347-30-6	See: TG5500000
3347-48-6	See: AL0740000
3347-62-4	See: UQ7525000
*3351-28-8	See: GC1320000
*3351-30-2	See: GC1400000
*3351-31-3	See: GC1380000
*3351-32-4	See: GC1350000
*3352-69-0	See: YY8150000
3352-87-2	See: RB4200000
*3353-08-0	See: GY5700000
3354-14-1	See: VA2320000
3354-58-3	See: GO6825000
3354-82-3	See: SY1400000
*3356-57-8	See: TG0770000
3356-88-5	See: RQ2850000
3357-42-4	See: XZ5251000
3358-42-7	See: HM4087000
3362-08-1	See: DL0270000
3365-99-9	See: TM6487000
*3366-61-8	See: AD8585000
*3366-65-2	See: SF9625000
*3366-72-1	See: TA0470000
3367-28-0	See: OV9730000
3367-29-1	See: OV9700000
3367-30-4	See: OV9775000
3367-31-5	See: OV9715000
3367-32-6	See: OV9680000
3368-13-6	See: XI4450000
3369-09-3	See: NJ5736000
3369-10-6	See: NJ5776000
3369-13-9	See: NJ5766000
*3371-85-5	See: NH6737230
3374-04-7	See: AY4200000
3374-22-9	See: HA1595000
*3375-22-2	See: UC8420000
3376-36-1	See: UC0450000
*3376-90-7	See: WT2977000
3376-94-1	See: EL3150000
3378-18-5	See: WR8575000
*3380-34-5	See: KO1100000
*3383-96-8	See: TF6890000
3384-27-8	See: MI5435000
3384-91-6	See: TA0320000
*3385-03-3	See: TU3900000
3385-21-5	See: GU8750000
3386-18-3	See: RA5400000
*3388-04-3	See: VV4000000
3390-07-6	See: JH0200000
3390-70-3	See: GN8260000
3390-71-4	See: GN4932500
3390-73-6	See: GN8255000
*3391-83-1	See: JG7521500
*3391-86-4	See: RH3300000
*3393-34-8	See: LU4550000
3393-59-7	See: DE1575000
3393-78-0	See: WP9900000
3394-04-5	See: YT9625000
3397-16-8	See: WI5900000
*3398-09-2	See: XU8400000
3398-25-2	See: TM2646500
3398-26-3	See: TK8200000
3398-27-4	See: TM2975300
3398-28-5	See: BY8290000
3398-48-9	See: TJ7400000
*3398-68-3	See: SH5671000
*3398-69-4	See: EO5100000
3399-36-8	See: QJ1387500
3399-37-9	See: QJ1386000
3400-24-6	See: MI7620500
3400-35-9	See: CV5490000
3403-42-7	See: SO7700000
3404-63-5	See: EJ0620000
3405-32-1	See: EK6110000
3405-45-6	See: HR8225000
3405-48-9	See: LQ0655000
3407-94-1	See: AR8675000
3407-98-5	See: AR7324000
3407-99-6	See: AR7355000
3411-09-4	See: XU1578000
3411-42-5	See: AH2855C00
3412-10-0	See: AH3122000
*3412-76-8	See: KV3450000
*3413-58-9	See: MW6300000
*3413-72-7	See: NI4000000
3414-24-2	See: UT7535000
3414-25-3	See: UT7415000
3414-26-4	See: UT7430000
3414-27-5	See: UT7445000
3414-28-6	See: UT7460000
3414-29-7	See: UT7475000
3414-30-0	See: UT7490000
3414-31-1	See: UT7400000
*3414-47-9	See: RQ2275000
3414-62-8	See: AU6475000
3414-64-0	See: NL7710000
3414-66-2	See: NL8420000
3414-67-3	See: NL6400000
3414-69-5	See: NM1170000
3414-70-8	See: NM1150000
3414-71-9	See: NM0940000
3414-72-0	See: NL4970000
3414-74-2	See: NL3960000
3414-76-4	See: NL4500000
3414-78-6	See: NL3688000
3414-84-4	See: QD1732500
3414-94-6	See: XZ5351000
3414-97-9	See: XZ5358000
3414-98-0	See: XZ5359000
3415-13-2	See: NJ5859000
3415-16-5	See: NJ5930000
3415-19-8	See: NJ6170000
*3415-21-2	See: NJ5099600
3415-22-3	See: NJ5103000
3416-17-9	See: UI4200000
*3416-21-5	See: FZ2975000
*3416-24-8	See: LZ6664000
*3420-97-1	See: SI7943000
3422-04-6	See: FD0427500
3424-82-6	See: KV9454000
3425-08-9	See: FG1750000
*3425-46-5	See: VT1400000
*3425-61-4	See: SC3067000
3425-97-6	See: TN4721600
3426-43-5	See: WJ6135000
3426-62-8	See: DH8400000
3426-89-9	See: TD4440000
*3428-24-8	See: UX1510000
*3432-10-8	See: VC3500000
3432-25-5	See: EZ9660000
*3435-67-4	See: AE1970470
*3435-75-4	See: AE2986000
*3435-76-5	See: AE2988000
*3437-84-1	See: NQ5700400
3439-67-6	See: AM9450000
3440-75-3	See: TP4900000
*3440-92-4	See: TB6000000
3441-47-2	See: BR8762500
3441-51-8	See: WU7677000
3441-64-3	See: WU7682000
*3443-15-0	See: DM3678900
3445-42-9	See: DO5456000
3445-50-9	See: VA3720000
3446-04-6	See: VH0400000
3446-05-7	See: VH0525000
*3447-87-8	See: PC1300000
*3447-95-8	See: WM9700000
*3454-56-6	See: XH1425000
3455-61-6	See: EN0300000
*3455-70-7	See: LT8520750
3456-75-5	See: AM0200000
*3457-61-2	See: SD8247000
3457-98-5	See: BY8235000
3458-01-3	See: XZ5361000
3458-02-4	See: XZ5268000
3458-03-5	See: XZ5352000
3458-21-7	See: UT7520000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*3458-22-8	See: UB6620000
3458-33-1	See: ME9350000
3458-35-3	See: ME8520000
3458-53-5	See: NJ5862000
3458-55-7	See: NJ5855000
3458-56-8	See: NJ5869000
3458-58-0	See: TL9390000
3458-59-1	See: NJ5897000
3458-60-4	See: TL9410000
3458-61-5	See: TL9380000
3458-62-6	See: NJ5847000
3458-63-7	See: TL9400000
3459-02-7	See: QM5270000
*3459-20-9	See: DB2920000
3459-24-3	See: TK8220000
3459-25-4	See: SM8510000
3459-33-4	See: NR3446000
3459-45-8	See: QJ0930000
3459-56-1	See: UE9540000
3459-58-3	See: QJ0970000
3459-61-8	See: UE4450000
3460-29-5	See: BX7040000
*3460-67-1	See: NS2000000
3463-22-7	See: YJ9045000
3463-93-2	See: KJ4558000
3464-92-4	See: TN1320000
*3465-73-4	See: WH7135000
*3465-74-5	See: WH7133000
*3465-75-6	See: WH6714310
*3468-11-9	See: NR3500000
*3468-63-1	See: QL3854000
*3470-17-5	See: DM2170000
*3470-98-2	See: UY5746000
3473-12-9	See: VT3650000
3474-99-5	See: DW1340000
*3475-63-6	See: YU4725000
3476-19-5	See: DB1050000
*3476-50-4	See: GH0785000
3476-88-8	See: VA2800000
3477-28-9	See: OV9660000
*3477-94-9	See: TY4203100
*3477-97-2	See: DD3155000
*3478-94-2	See: DG7700000
3482-34-6	See: NC3563000
*3482-37-9	See: GH0960000
3483-12-3	See: EK1610000
3483-96-3	See: DG8519010
*3484-67-1	See: NJ5830500
*3484-68-2	See: NJ5830700
3485-14-1	See: GU3450000
3485-62-9	See: VD6125000
3485-82-3	See: XH6700000
*3486-35-9	See: FG3375000
3486-67-7	See: DR9890000
3486-86-0	See: CQ0875000
3489-59-6	See: DE8755000
*3489-84-7	See: WT3750000
*3491-27-8	See: RG5430000
3495-42-9	See: VD3550000
3496-67-1	See: GU1640000
*3497-00-5	See: TB2200000
3504-04-9	See: NJ5758000
*3505-38-2	See: US6350000
*3506-09-0	See: UB7526000
*3506-73-8	See: AU7355000
3506-83-0	See: EL9245000
*3511-19-1	See: LU0525000
3513-92-6	See: TF6200000
3513-93-7	See: RB9500000
*3515-49-9	See: NM1308000
*3518-05-6	See: CU3510000
3518-65-8	See: PB2800000
3519-93-5	See: VA3137450
3519-95-7	See: VA3132300
3519-96-8	See: VA3121050
3519-97-9	See: VA3121010
3520-11-4	See: RC6183000
3520-42-1	See: SY1670000
3521-62-8	See: KF5775000
*3521-84-4	See: LZ4297000
3523-00-0	See: NT1996000
3524-62-7	See: AM9350000
*3524-68-3	See: UD3370000
*3524-87-6	See: UW6851000
3528-71-0	See: VA3137250
3528-72-1	See: VA3117250
3528-73-2	See: VA3117100
3529-82-6	See: NX9110000
*3530-13-0	See: AI9102500
*3531-43-9	See: WH8626000
3534-32-5	See: DM3076750
3535-75-9	See: US2100000
3538-81-6	See: LT1480000
*3542-36-7	See: WH7247000
*3543-75-7	See: DE1590000
*3544-23-8	See: BZ7350000
*3544-24-9	See: CU8992000
3544-29-4	See: UM9450000
*3544-35-2	See: AG0525000
*3544-94-3	See: WM9650000
3545-02-6	See: MF5651000
3545-41-3	See: VO2625000
3545-42-4	See: UM6125000
3545-88-8	See: QJ6405000
*3546-03-0	See: SN6950000
3546-08-5	See: SO0600000
*3546-10-9	See: AF5457000
*3546-11-0	See: DT2850000
*3546-21-2	See: SF7949800
3546-29-0	See: CP8400300
*3546-41-6	See: VC3543500
3547-04-4	See: KH5460000
3547-19-1	See: CM3490000
*3547-33-9	See: KL9700000
3547-35-1	See: TE4160000
3548-09-2	See: AR7330000
3548-10-5	See: AR7385000
3549-17-5	See: SG9750000
3549-24-4	See: GU7115000
3552-12-3	See: GY6420000
*3553-80-8	See: EZ6900000
*3558-60-9	See: KO2230000
*3562-15-0	See: UB6796500
*3562-55-8	See: TN4700630
3562-69-4	See: VB5075000
*3562-84-3	See: OB1804200
3562-88-7	See: QF2820000
3562-90-1	See: QD7895000
*3563-01-7	See: UF2032500
3563-36-8	See: KH5425000
3563-45-9	See: KH5510000
3563-52-8	See: TB0270000
*3563-76-6	See: TN1304400
*3563-78-8	See: TM3153900
3563-84-6	See: RU4730000
3563-92-6	See: LU9400000
*3564-09-8	See: QJ6650000
*3564-14-5	See: QK2195000
3564-66-7	See: HO1230000
3564-73-6	See: HN8300000
3564-75-8	See: HO1235000
*3565-15-9	See: YR0600000
3565-26-2	See: VC8237000
*3565-32-0	See: VH0600000
3565-33-1	See: VD6040000
3565-47-7	See: EU2275000
*3566-00-5	See: FC5600000
*3566-09-4	See: FB5649900
3566-10-7	See: BT6000000
3566-25-4	See: MA0601000
*3566-55-0	See: GW2580000
*3566-76-5	See: SZ7640000
*3567-08-6	See: DB2780000
3567-12-2	See: DD3505000
3567-30-4	See: EZ3149990
3567-31-5	See: EZ3149980
*3567-38-2	See: DO5950000
3567-51-9	See: EZ9448000
3567-66-6	See: QJ6197000
*3567-69-9	See: QK1925000
3567-72-4	See: DM5278500
*3567-76-8	See: DM3678700
3567-79-1	See: DL7175000
*3567-95-1	See: XU5500000
*3568-23-8	See: UC1935000
*3568-24-9	See: UC1934050
*3568-56-7	See: TB5600000
3568-94-3	See: RQ4375000
3569-57-1	See: WS2800000
3569-58-2	See: WR8225000
3569-59-3	See: WR8050000
3570-06-7	See: DT4780000
*3570-10-3	See: RB5890000
3570-46-5	See: DF3490000
*3570-54-5	See: DE8400000
*3570-58-9	See: KK1960000
3570-61-4	See: KM4900000
*3570-75-0	See: LQ9275000
3570-80-7	See: OV7352500
3571-31-1	See: CB8930000
*3571-45-7	See: BR6525000
*3571-71-9	See: DO6526000
3571-74-2	See: XJ6475000
3571-88-8	See: XJ7050280
3572-06-3	See: EL8950000
*3572-44-9	See: XS3600000
*3572-47-2	See: WH7690000
*3572-55-2	See: NJ6450000
3572-74-5	See: KR6715000
*3572-80-3	See: PB8585000
3575-31-3	See: DH5945000
3575-86-8	See: UU7260000
3576-31-6	See: QJ1025000
3576-47-4	See: SO4550000
3576-75-3	See: HM1100000
*3577-01-3	See: XI0345000
3577-82-0	See: SB2195000
3577-89-7	See: OH2900000
*3581-11-1	See: TF7180000
*3582-17-0	See: WH7285000
3582-37-4	See: ET9805000
3582-38-5	See: ES4331000
3582-41-0	See: QJ1382100
3582-42-1	See: QJ1383000
3582-43-2	See: QJ0701000
3583-05-9	See: UX1095000
3583-47-9	See: EJ8050000
3583-94-5	See: UX7200000
3584-65-4	See: DE1125000
*3586-60-5	See: CH9000000
3589-21-7	See: HN9275000
3589-22-8	See: HN8775000
3589-23-9	See: HN8800000
*3589-59-1	See: MC0802200
3590-07-6	See: YE1400000
3590-93-0	See: LV2476000
3593-24-6	See: BP0400000
*3594-15-8	See: JH4760000
*3594-85-2	See: DO1450000
3597-20-4	See: DP2450000
*3597-91-9	See: DV5425000
3598-16-1	See: AJ2400000
*3598-37-6	See: OB2450000
3598-60-5	See: TI5175000
3599-32-4	See: DE3150000
3601-70-5	See: UV9342000
3601-73-8	See: UW7070000
3601-74-9	See: KM2750000
3601-75-0	See: UV8800000
3601-76-1	See: UV6670000
3601-77-2	See: UV9347000
3601-78-3	See: UV8920000
3601-81-8	See: UV9318000
3601-84-1	See: UV9340000
3601-85-2	See: UW5976060
3601-86-3	See: UV9315000
3601-87-4	See: UV9305000
3601-88-5	See: UV9310000
3602-55-9	See: DK3790000
3604-87-3	See: FZ8170000
3604-99-7	See: QM2820700
*3605-01-4	See: UV9704000
3605-02-5	See: UV9105000
3607-35-0	See: WM9620000
3608-75-1	See: TJ4200000
3608-78-4	See: TJ5378000
3608-79-5	See: US4210000
3608-80-8	See: OB4108000
3608-83-1	See: VB1130000
3608-84-2	See: VB1140000
*3610-27-3	See: AI8800000
3610-35-3	See: NL4050000
3611-60-7	See: WM9622000
3611-63-0	See: WM9618000
3612-12-2	See: TN7830000
3612-79-1	See: QT1700000
3612-80-4	See: QT1780000
*3613-30-7	See: RG7890000
3613-73-8	See: UV0625000
3613-80-7	See: UU7703000
*3613-82-9	See: UU7700000
*3613-89-6	See: AC2976500
3614-30-0	See: FQ4240000
3614-32-2	See: BQ8205000
3614-56-0	See: UR6475000
3614-57-1	See: TU4812000
3614-68-4	See: UQ8977400
*3614-69-5	See: UT0830000
3615-21-2	See: DE7350000
*3615-24-5	See: CD2975000
3615-82-5	See: NM7530000
3619-17-8	See: NQ4700000
*3622-76-2	See: KN8830500
3623-05-0	See: CM4050000
3624-87-1	See: DG1455000
*3624-96-2	See: EC1210000
3625-06-7	See: YX5250000
3625-18-1	See: CQ4025000
3625-21-6	See: CQ3328000
*3625-25-0	See: CQ0525000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
3625-57-8	See: DJ1931000
*3626-28-6	See: QJ6195050
*3626-56-0	See: QD6700000
3626-66-2	See: TM7800000
3627-49-4	See: TM5775000
3632-91-5	See: OM3480000
3634-83-1	See: ZE4375000
*3634-9[illegible]-4	See: MA3740800
*3635-74-[illegible]	See: KK6300000
3638-98-0	See: DC1976000
3639-63-2	See: PB8220000
3639-66-5	See: PB9000000
3639-67-6	See: PB8600000
3639-68-7	See: PB8610000
3639-69-8	See: PB8550000
3641-44-9	See: MW5035000
3641-49-4	See: YP2370000
*3642-89-5	See: BV8090000
*3644-32-4	See: WH8588500
*3644-37-9	See: WH6711000
*3644-61-9	See: UH1575500
3644-74-4	See: GY4695800
3645-83-8	See: GY4695000
3645-87-2	See: GY2454000
3645-89-4	See: GU6770000
3646-61-5	See: HP3080500
3647-16-3	See: CM6767000
*3647-17-4	See: CM6770000
*3647-19-6	See: CM6750000
3647-20-9	See: CM6751000
3647-21-0	See: CM6792000
3647-22-1	See: CM6775000
*3647-48-1	See: UP0150000
3647-69-6	See: QE0260000
*3648-18-8	See: WH7562000
3648-20-2	See: TI1980000
3648-94-0	See: DL0320000
3652-06-0	See: VB1110000
3652-07-1	See: VB1120000
3652-12-8	See: US2170000
3652-14-0	See: AC7900000
3652-22-0	See: UT3780000
3652-23-1	See: UT7640000
3652-25-3	See: US1450000
3652-27-5	See: UT7645000
3652-31-1	See: UT4560000
3652-32-2	See: UT4565000
3652-39-9	See: VB1150000
3652-41-3	See: VB1100000
3652-92-4	See: DE1595600
*3653-48-3	See: AG2625000
3654-42-0	See: NJ7035000
*3655-88-7	See: XI2400000
3658-48-8	See: SZ6840000
*3659-04-9	See: TD7975000
3665-08-5	See: DB1584000
3665-11-0	See: DB0920000
3665-12-1	See: DB1250000
3665-51-8	See: QK7000000
3666-66-8	See: JH3700000
3666-67-9	See: JH7200000
3666-68-0	See: JH7720000
3666-69-1	See: TM7600000
3666-73-7	See: JH7530000
3666-74-8	See: JH6770000
3666-77-1	See: JH7480000
*3667-91-2	See: AU4375300
*3669-32-7	See: GE1050000
3670-07-3	See: US4220000
3670-09-5	See: OB1228020
3670-68-6	See: UH4412000
3670-97-1	See: WN2815000
3671-00-9	See: NM1090000
3671-01-0	See: NL8765000
3671-02-1	See: NM1130000
3671-18-9	See: DD6900000
*3671-71-4	See: DG0350000
*3671-72-5	See: FE0200000
*3671-78-1	See: CV4950000
3673-34-5	See: XJ3325000
3680-02-2	See: WR6825000
3683-38-3	See: NX8155300
3683-44-1	See: OB1256000
3683-47-4	See: NX8153000
3683-50-9	See: NX8152500
3683-51-0	See: NX8151000
3683-56-5	See: NX8155600
3683-57-6	See: NX8153500
3683-58-7	See: NX8153900
3683-59-8	See: NX8154500
3683-60-1	See: OB4560000
3683-61-2	See: OB4555000
3683-62-3	See: OB4925000
3683-63-4	See: OB4950000
3683-65-6	See: NX8151500
3683-67-8	See: NX8152000
3683-68-9	See: OB1244000
3683-90-7	See: OB1252000
3683-95-2	See: XZ4927500
3684-12-6	See: MC0175000
*3684-25-1	See: TN7860000
*3684-97-7	See: AM0950000
3685-72-1	See: AH3290000
*3685-84-5	See: AG0440000
3686-66-6	See: DG5642500
3686-70-2	See: DH6380000
*3686-91-7	See: TB8809500
3687-13-6	See: SL0175000
3687-16-9	See: TZ8225000
*3687-31-8	See: CG0990000
3687-61-4	See: RO0690000
3687-70-5	See: TA2275000
*3688-08-2	See: NX8580000
*3688-11-7	See: OV7050000
3688-35-5	See: ES6550000
*3688-53-7	See: AS3500000
*3688-66-2	See: QD1225000
*3688-79-7	See: CX5083000
3688 80-0	See: KU6000000
*3688-85-5	See: CV2450000
3688-96-8	See: TL9275000
*3689-24-5	See: XN4375000
3689-36-9	See: SO3850000
*3689-50-7	See: SO5775000
3689-76-7	See: DD6700000
3689-77-8	See: DD6250000
3689-97-2	See: UE4518000
*3690-04-8	See: UE3090300
3690-18-4	See: UE5425000
*3690-50-4	See: LU4375000
*3690-53-7	See: CV4202800
3691-16-5	See: CM7175000
*3691-35-8	See: NK5335000
*3692-90-8	See: FC7350000
3693-14-9	See: DE9150000
*3693-22-9	See: HP4550000
*3693-53-6	See: FC2200000
3694-45-9	See: NX8470000
3694-46-0	See: NX8860000
3694-49-3	See: NX8780000
3694-58-4	See: NX8457000
3695-77-0	See: PB5335000
3695-98-5	See: TZ6900000
3696-23-9	See: YS7175000
*3697-24-3	See: GC1575000
*3697-25-4	See: CU0700000
*3697-27-6	See: GC1050000
*3697-30-1	See: CW5775000
3698-54-2	See: BY9275000
3700-86-5	See: TD6650000
3700-89-8	See: TE0300000
3700-90-1	See: TE0370000
3700-91-2	See: TE0490000
3700-96-7	See: TF6507000
3700-97-8	See: TF6875000
3700-98-9	See: TE9760000
*3701-40-4	See: QJ6478000
*3703-76-2	See: TM6491000
*3703-79-5	See: DN9200000
3704-09-4	See: KG7980000
3704-26-5	See: TN4300000
*3706-26-1	See: SH8124400
3706-37-4	See: SH5472000
3706-38-5	See: SH1925000
3708-04-1	See: AM9486150
*3710-30-3	See: RG5250000
*3710-84-7	See: NC3500000
3711-49-7	See: PB6650000
*3714-62-3	See: DB9800000
*3715-67-1	See: CM6764900
3715-90-0	See: NJ4530500
*3715-92-2	See: NJ0530000
3716-97-0	See: GU1788000
3717-38-2	See: AU4375400
3717-39-3	See: AU4375450
3717-42-8	See: AU4363000
3717-48-4	See: AU4375700
*3717-88-2	See: DJ2450000
*3719-37-7	See: CW1786000
3719-39-9	See: HN4250000
*3719-40-2	See: HN4249900
*3721-28-6	See: GZ2450000
3721-95-7	See: GU1335000
3722-12-1	See: OO4395000
*3724-10-5	See: DH4390000
*3724-65-0	See: GQ2800000
*3724-89-8	See: TE6483500
*3730-54-9	See: EK7785000
*3731-39-3	See: BX8300000
3731-51-9	See: US1840000
3732-82-9	See: TG4390000
*3732-90-9	See: XU6000000
*3732-92-1	See: HN4310000
*3733-38-8	See: SP4140000
3733-39-9	See: SP4100000
3733-63-9	See: KK7350000
3733-81-1	See: TD2534700
*3733-84-4	See: TI5250000
3734-16-5	See: UY5680000
*3734-17-6	See: UY5640000
3734-22-3	See: LU3472000
3734-26-7	See: MV7175000
3734-29-0	See: MV5200000
3734-33-6	See: BO6650000
3734-48-3	See: PC0875000
*3734-58-5	See: GQ5300000
*3734-60-9	See: CB9660000
*3734-67-6	See: QJ6030000
3734-92-7	See: TF6450000
*3734-95-0	See: TE8750000
*3734-97-2	See: TF1400000
*3735-04-4	See: TE3570000
*3735-23-7	See: TD6125000
*3735-33-9	See: TF6500000
*3735-46-4	See: UQ4385000
3735-81-7	See: TC5297000
*3735-90-8	See: FA4439000
3735-92-0	See: FA0760000
3735-97-5	See: SZ9220000
*3736-26-3	See: GW6260000
*3736-41-2	See: AM4399700
*3736-67-2	See: SZ5850000
*3736-86-5	See: XH4920000
3736-92-3	See: UQ8650000
*3737-01-7	See: UC3916000
*3737-09-5	See: UR8432000
*3737-16-4	See: UT4757000
*3737-22-2	See: US7980000
3737-35-7	See: XM9380000
*3737-66-4	See: DG9096400
*3737-72-2	See: DG8546500
*3738-06-5	See: AE2297000
3740-52-1	See: AJ1130000
*3741-12-6	See: VB3675000
3741-15-9	See: VC1800000
*3741-32-0	See: JO6000000
3741-36-4	See: TG7250000
*3741-38-6	See: KW3900000
3743-86-0	See: SS9700000
3744-50-1	See: TU3825000
3745-13-9	See: YP2375000
3747-23-7	See: QK7152000
3748-71-8	See: QK7144000
3748-72-9	See: QK7124000
3748-73-0	See: QK7190000
3748-74-1	See: QK7117000
3748-75-2	See: QK7178000
3748-78-5	See: QK7156000
*3750-18-3	See: JN8730000
*3750-26-3	See: MP6475000
*3750-43-4	See: SZ5990300
3752-25-8	See: GD8450000
3752-51-0	See: KJ0447000
3753-42-2	See: GU7123000
*3753-51-3	See: TZ0622000
3754-26-5	See: DF3615000
3758-54-1	See: FI4400000
*3759-07-7	See: AR9275000
*3759-92-0	See: RQ3630000
*3759-95-3	See: TD8300000
3761-41-9	See: TF9400000
3761-42-0	See: TF9420000
*3761-53-3	See: QJ6825000
3762-01-4	See: VI8485000
3762-27-4	See: SZ6582000
*3763-72-2	See: WR2850000
*3763-77-7	See: VB4836000
*3765-57-9	See: XN7525000
*3765-65-9	See: WH8636000
3766-03-8	See: NM1870000
*3766-27-6	See: AG8800000
3766-55-0	See: VT3000000
*3766-60-7	See: YS6475000
*3766-81-2	See: FB5425000
3768-41-0	See: TK9550000
3769-03-7	See: PB8540000
3770-46-5	See: XZ5357000
*3770-47-6	See: UT6240000
*3771-19-5	See: UF6125000
3772-23-4	See: ZE6840000

BEST COPY AVAILABLE

CAS No.	RTECS No.
3772-42-7	See: DG4712000
3772-48-3	See: TD9650000
3772-51-8	See: TD7730000
3772-70-1	See: SP3325000
3772-71-2	See: SP2626000
*3772-76-7	See: WP0110000
*3773-14-6	See: DC1948000
3773-37-3	See: SP5600000
*3773-49-7	See: XI2625000
3774-99-0	See: XJ5800000
*3775-55-1	See: RO0600000
3775-85-7	See: KH5775000
*3775-90-4	See: OZ3500000
3775-95-9	See: KC5600000
*3776-36-1	See: NJ5830800
3776-37-2	See: NJ5830850
3776-38-3	See: NJ5830870
*3776-92-9	See: LU9776000
*3776-93-0	See: LU9775000
3777-69-3	See: LU5187000
*3778-73-2	See: RP6050000
3778-82-3	See: KM0325000
3778-85-6	See: UM0940500
3780-72-1	See: WN3150000
3781-28-0	See: EU4375000
3784-99-4	See: UU2610000
3785-01-1	See: UU3971000
3785-20-4	See: AN3060000
*3785-34-0	See: AF5960000
3785-78-2	See: VI8490000
3785-90-8	See: OO4200000
3786-23-0	See: XY3325000
3786-76-3	See: FH4552000
3787-35-7	See: OB1248000
*3789-77-3	See: BX5040000
*3792-59-4	See: TB1735000
*3794-64-7	See: EK7875000
3794-83-0	See: JL6475000
*3796-01-8	See: GD7000000
*3796-03-0	See: GD6995500
*3804-89-5	See: NS2275000
3805-38-7	See: DE2270000
3805-50-3	See: MU3860000
*3806-42-6	See: VI7830000
*3808-42-2	See: NJ5830900
3810-35-3	See: XM8305000
3810-53-5	See: TN6200000
*3810-74-0	See: WK4990000
*3810-80-8	See: NS5300000
*3810-81-9	See: OX7700000
*3811-04-9	See: FO0350000
*3811-49-2	See: DF4375000
3811-73-2	See: UT9000000
3812-22-4	See: WZ7106000
*3813-05-6	See: AF9700000
3813-69-2	See: XT7200000
3814-79-7	See: US4215000
3815-26-7	See: RO8050000
*3817-11-6	See: EL1225000
3818-62-0	See: DG1450000
3818-64-2	See: GB8225000
3818-69-7	See: BQ8122000
*3818-70-0	See: VC0367000
3818-79-9	See: UF2135000
*3818-80-2	See: TA9070000
*3818-88-0	See: UY4280000
*3819-00-9	See: OB4200000
3820-53-9	See: TG0240000
*3820-67-5	See: CB2687000
3824-91-7	See: XX9100000
*3825-26-1	See: RH0782000
3829-69-4	See: UV8400000
*3829-91-2	See: DG9879000
*3829 92-3	See: DG9879010
*3829-94-5	See: DG9879500
3833-07-6	See: JR4360000
3833-54-3	See: DB2715000
3833-55-4	See: DB1350000
3833-87-2	See: CE0900000
*3836-23-5	See: RC8973000
*3837-54-5	See: BX5575000
*3837-55-6	See: BX7050000
3839-48-3	See: GU4025000
3840-18-4	See: BY9750000
*3840-34-4	See: TY4399020
*3841-12-1	See: XH9460000
3844-04-0	See: XN0450000
*3844-45-9	See: BQ4725000
*3844-60-8	See: EC1450000
*3844-63-1	See: NJ0950000
*3845-20-3	See: DJ2260620
3847-29-8	See: OD7320000
*3848-24-6	See: MO3140000
3851-21-6	See: NJ5885000
3851-30-7	See: UU9450000
3852-67-3	See: UU6870000
3852-68-4	See: UU4016000
3852-69-5	See: UU3874000
3852-72-0	See: UU6800000
3852-74-2	See: UU6813000
3852-76-4	See: UU3878000
3853-12-1	See: RA8250000
3853-14-3	See: SA8300000
3853-19-8	See: SA8200000
3853-21-2	See: SA8600000
*3853-61-0	See: FB3950000
*3853-74-5	See: FA9500000
3854-02-2	See: UY5750200
3854-03-3	See: WN3450000
3854-04-4	See: BR9970000
3854-05-5	See: AC6344000
3855-24-1	See: GV0800000
3857-73-6	See: PB8940000
3857-80-5	See: TZ8150000
*3858-19-3	See: SZ6100200
*3858-23-9	See: SZ6100300
*3858-24-0	See: SZ6102500
*3858-83-1	See: CV6125600
3860-46-6	See: NP7224500
3861-47-0	See: RH0410000
3861-72-1	See: QD1710000
*3861-73-2	See: QJ6300000
3862-21-3	See: TC5290000
*3862-66-6	See: GD7230550
3863-59-0	See: GM9005000
3864-80-0	See: DE8800000
*3867-15-0	See: GU7735000
3867-74-1	See: ME8982500
3871-82-7	See: EU2975000
3873-20-9	See: BR5776000
*3874-64-4	See: TF2000000
3874-73-5	See: XH5208000
3875-01-2	See: GU7051000
3877-86-9	See: RC6170000
*3878-19-1	See: DD9010000
3878-31-7	See: RO0873000
3878-45-3	See: SZ2820000
3880-18-0	See: AS2800000
*3882-06-2	See: HY4195000
3882-38-0	See: QD0293000
3883-12-3	See: QD1705000
*3883-43-0	See: JG9800000
3884-60-4	See: UW5860000
3886-80-4	See: AB8350200
3886-90-6	See: RG0185000
3886-91-7	See: ML8900000
3888-99-1	See: CM3460000
3889-01-8	See: CM3570000
3889-03-0	See: CM3550000
3889-07-4	See: CM3560000
*3891-30-3	See: CM8850000
*3894-16-4	See: TY4399010
*3894-18-6	See: TY8900000
3898-08-6	See: YT2100000
3898-45-1	See: VT3600000
*3900-31-0	See: DF2370305
*3902-71-4	See: LV1576000
*3902-88-3	See: DM5271000
3905-92-8	See: JO0750000
3908-48-3	See: DK3950000
*3911-27-1	See: KR9630000
*3913-02-8	See: RH0885000
*3913-23-3	See: XS7966500
*3913-71-1	See: HE2070000
*3915-83-1	See: RG5927710
3916-18-5	See: VT9626000
3916-80-1	See: AC7770000
3917-15-5	See: KM9450000
3919-73-1	See: AF2975000
3919-76-4	See: NY2380000
*3920-08-9	See: DM4866300
3921-93-5	See: FS0850000
3921-97-9	See: TI5638500
3922-36-9	See: MJ1390000
3922-85-8	See: GA5450000
3922-90-5	See: RJ9220000
*3926-21-4	See: XH1425100
*3926-62-3	See: AG1400000
3926-64-5	See: SO7525000
3926-65-6	See: SN9800000
3926-66-7	See: SN9450000
3926-67-8	See: SO0350000
3928-03-8	See: TE1250000
*3930-19-6	See: TJ7350000
3930-47-0	See: SN9625000
3934-87-0	See: CU5620000
3934-89-2	See: AM7950000
3935-01-1	See: EU4900000
3935-02-2	See: EU5075000
3936-98-9	See: QK7116000
3938-45-2	See: FA2275000
3941-06-8	See: MV7710000
*3942-54-9	See: FB6350000
3943-51-9	See: FA4206000
3943-74-6	See: DH2430000
3944-36-3	See: UB7000000
*3944-87-4	See: KH5250000
3947-65-7	See: QP3860000
3947-76-0	See: VC3955000
3947-77-1	See: NX5610000
3949-14-2	See: NM0175000
3949-60-8	See: GU7045000
3949-61-9	See: GU7023000
*3952-78-1	See: AH0585000
3952-98-5	See: LZ5778000
*3953-10-4	See: AT0300000
*3954-73-2	See: TB1077000
*3958-19-8	See: WJ0950000
3958-83-6	See: DK5800000
3958-86-9	See: DK4850000
*3963-79-9	See: XU8575000
*3963-95-9	See: QI9276000
3964-74-7	See: DE8038000
3965-55-7	See: DB5044550
3966-26-5	See: GE1225000
*3967-55-3	See: JH7400000
*3969-54-8	See: XS6475000
*3969-57-1	See: XS6300000
3971-89-9	See: FC8400000
3972-13-2	See: KH5890000
3975-67-5	See: CB3000000
*3978-86-7	See: DE8025500
*3982-91-0	See: XN2930000
*3983-38-8	See: BR4375000
*3983-39-9	See: BR4200000
*3983-40-2	See: BR4550000
3983-45-7	See: TC5425000
3986-98-9	See: GN8270000
3989-41-1	See: PB0475000
3990-01-0	See: QC9000000
3993-73-5	See: UV7730000
*3994-11-4	See: SI1770000
3998-77-4	See: CL5491600
3998-93-4	See: TM4185000
3998-94-5	See: TX8275000
3999-29-9	See: NJ5215000
*4000-16-2	See: MF6682000
*4002-76-0	See: HN5787000
*4003-94-5	See: WJ6950000
4004-37-9	See: YM3675800
*4005-51-0	See: XI3000000
4005-90-7	See: TJ7715000
*4008-48-4	See: VC8225000
*4009-68-1	See: NL7935000
4013-72-3	See: QT3325000
4015-18-3	See: WO8835000
4015-19-4	See: WO8712000
*4016-11-9	See: TZ3200000
*4016-14-2	See: TZ3500000
4016-71-1	See: GU7069000
*4017-38-3	See: CM6660100
*4019-40-3	See: DV1800000
*4022-81-5	See: DU1780200
4024-34-4	See: KR6706600
4025-80-3	See: YJ9035000
*4026-95-3	See: EI2963500
*4027-14-9	See: WH8589000
*4027-17-2	See: WH6871000
4028-00-6	See: BR9700000
*4028-98-2	See: VA0600000
4029-64-5	See: EI2980000
4029-68-9	See: EI2965000
4032-26-2	See: JM5750000
*4033-46-9	See: AY4300000
4035-43-2	See: KJ4337000
4035-65-8	See: KJ4310000
4039-24-1	See: TZ7335000
4043-08-7	See: SO0525000
4043-45-2	See: VN8800000
*4043-71-4	See: DA5951000
4044-65-9	See: NX9150000
*4051-27-8	See: SA0370000
4053-11-6	See: KJ4328000
4053-40-1	See: OH0318000
*4055-39-4	See: CN1050000
4055-40-7	See: CN0875000
4056-77-3	See: GY4100000
4056-78-4	See: GY4025000
4057-42-5	See: RH2240000
4057-57-2	See: NJ5478000

BEST COPY AVAILABLE

CAS No.	RTECS No.
4062-20-8	See: TC9625000
4062-99-1	See: FB4375000
4063-41-6	See: LV1051000
4067-01-0	See: ON6300000
4067-16-7	See: RZ2680000
4070-75-1	See: EM7000000
4071-01-6	See: TY0300000
4072-48-4	See: NN6690000
*4074-43-5	See: SJ8810000
4074-74-2	See: DL3750000
*4074-88-8	See: AS9450000
4074-90-2	See: AV1800000
*4075-79-0	See: AE6125000
4075-96-1	See: SI3750000
4076-02-2	See: TZ6420000
*4076-40-8	See: DI9275000
*4076-62-4	See: WG3170000
4078-31-3	See: UE7385000
*4079-68-9	See: UK5775000
4080-31-3	See: XX8450000
4080-98-2	See: JR2400000
*4081-32-7	See: TA9030000
4081-35-0	See: GP1332500
4082-71-7	See: NI8950000
4091-14-9	See: AC7795300
*4091-50-3	See: SM8110000
4092-75-5	See: FG1040000
4093-13-4	See: GD8415000
*4095-32-3	See: JO1970000
*4096-33-7	See: GW6250000
4097-36-3	See: SL9275000
4097-47-6	See: SL6125000
4097-63-6	See: SL3080000
*4098-71-9	See: NQ9370000
4099-30-3	See: EI2990000
4099-35-8	See: HA1690000
4099-63-2	See: SL4200000
4100-18-9	See: XI3685000
*4101-97-7	See: CQ7068540
*4101-98-8	See: CQ7068565
*4102-01-6	See: CQ7068580
*4102-02-7	See: CQ3027090
*4104-02-3	See: TE4480000
*4104-03-4	See: TG5250000
*4104-14-7	See: TB4725000
*4104-43-2	See: SH9800000
*4106-66-5	See: HP4650000
4107-02-2	See: AB4847500
4109-64-2	See: WR8250000
*4109-96-0	See: VV3040000
4110-35-4	See: DI4365000
*4110-66-1	See: CV2350000
4114-31-2	See: FE2545000
4117-65-1	See: RS7535000
4118-51-8	See: OO7600000
*4120-77-8	See: AC7175000
*4120-78-9	See: AC7350000
*4121-77-1	See: NM0935000
*4124-30-5	See: AG6300000
*4126-58-3	See: UF3850000
*4126-70-9	See: LS9800000
*4128-71-6	See: AE6300000
4129-17-3	See: SZ5870000
4130-72-7	See: DF2368540
4130-75-0	See: DF2368100
4135-11-9	See: TR1055000
4137-12-6	See: WN2975000
4138-58-3	See: DF6423600
4145-98-6	See: TZ7330000
4146-16-1	See: TZ7330300
*4147-51-7	See: XY4100000
*4148-16-7	See: KF2305000
*4151-92-2	See: TZ7750000
4152-26-5	See: SH6495000
*4154-53-4	See: EB2984600
4161-24-4	See: EL0875000
*4163-15-9	See: QC9100000
*4164-06-1	See: BW7390000
*4164-07-2	See: BW7370000
4164-20-9	See: DP0750000
*4164-21-0	See: DO8500000
*4164-28-7	See: IQ0450000
*4164-32-3	See: QE7392000
4164-34-5	See: KV4300000
4164-37-8	See: TL6290000
*4166-00-1	See: WN3500000
4166-09-0	See: WN3445000
4166-11-4	See: WN2900000
4167-35-5	See: JH2975000
4168-79-0	See: TO0128000
*4170-30-3	See: GP9499000
4170-50-7	See: VV2980000
*4170-90-5	See: DP1402000
4171-11-3	See: RP9430000
4171-13-5	See: YV5950000
4171-93-1	See: YJ9270308
4173-73-3	See: UQ8967000
*4176-53-8	See: SF9450000
4177-27-9	See: DT7703900
4177-34-8	See: DT7704600
4177-36-0	See: DT8010980
4177-42-8	See: TM2700000
*4177-72-4	See: YJ9270305
*4180-23-8	See: BZ9275000
4180-57-8	See: DG8580000
4185-47-1	See: KL9400000
*4186-17-8	See: TF2500000
4186-64-5	See: BO4100000
4186-71-4	See: TN5510500
4189-10-0	See: ET1840000
*4189-44-0	See: YU2820000
4189-47-3	See: UA7400000
*4191-73-5	See: DH2250000
4192-33-0	See: CQ3027050
*4192-35-2	See: CQ7068550
*4192-36-3	See: CQ7068570
4194-69-8	See: NL1575000
*4195-96-4	See: AI2850000
4196-18-3	See: DF2370310
*4196-86-5	See: RZ2605000
4197-25-5	See: SD4431500
4202-67-9	See: SL5078500
4204-00-6	See: TL3370000
4204-01-7	See: TL3420000
4204-23-3	See: TM2750000
4204-24-4	See: TM2730000
*4205-52-1	See: TB4680000
*4205-91-8	See: NJ2490000
4206-61-5	See: KN2330000
4208-09-7	See: VL1575000
4208-80-4	See: UL7175000
*4212-94-6	See: FD7430000
4213-30-3	See: OO3600000
4213-32-5	See: AY3950000
4213-34-7	See: AY3930000
4213-40-5	See: DG4425000
*4213-41-6	See: BW8400000
*4213-44-9	See: VB0175000
*4213-45-0	See: AR7580000
4213-51-8	See: AS3400000
4219-01-6	See: DF2382000
4219-24-3	See: MP7730000
4220-01-3	See: DP4600000
*4223-11-4	See: KH7175000
4224-62-8	See: MO7000000
4226-37-3	See: US6505000
4228-88-0	See: DD7700000
4228-89-1	See: DD7875000
*4230-97-1	See: RH0365000
*4231-35-0	See: UK5600000
4231-96-3	See: HP3020000
4231-97-4	See: HP2410000
*4232-09-1	See: DO5603000
*4232-10-4	See: DO8313000
*4234-79-1	See: PC8400000
*4235-09-0	See: AC7525000
4235-18-1	See: DT7704500
*4237-44-9	See: SL8700200
4238-09-9	See: WR6670000
*4238-66-8	See: UU8850000
4238-76-0	See: MA4026940
4238-84-0	See: KE6160000
4238-85-1	See: KE3000000
4238-92-0	See: SY9305000
*4239-06-9	See: DK7050000
4241-12-7	See: QT3230000
4241-73-0	See: MV4375000
*4242-33-5	See: AH3050000
*4245-76-5	See: MF4125000
*4246-51-9	See: ID6475000
*4247-02-3	See: DH2247000
*4247-19-2	See: MI8900000
*4247-30-7	See: YV7380000
4248-48-0	See: VB2355000
*4248-66-2	See: BV8089000
*4248-77-5	See: RA6475900
*4251-89-2	See: CU3460000
*4253-22-9	See: WH7195000
4253-34-1	See: VV4500000
4253-91-2	See: TZ6030000
4255-24-7	See: SG9275000
4256-26-2	See: CQ3027590
*4256-27-3	See: CP8495000
*4257-73-2	See: AC7730000
4261-59-0	See: IA0700000
4265-61-6	See: AF7470000
4268-36-4	See: EZ0875000
4269-15-2	See: LL8980300
4269-86-7	See: TN5000000
4269-87-8	See: TN4724100
4269-88-9	See: TN4883000
4270-04-6	See: UM2275000
*4274-06-0	See: BZ6900000
4275-28-9	See: KM3000000
4278-39-1	See: MU7390000
4283-71-0	See: CQ1875000
*4288-84-0	See: UA9101000
4291-07-0	See: UT7160000
*4294-65-9	See: WY2631000
4295-63-0	See: XO0750000
*4298-10-6	See: HA5450000
*4298-16-2	See: SH5450000
*4301-50-2	See: DU8335000
4302-85-6	See: SH0525000
4302-87-8	See: SG9450000
4302-88-9	See: SH5950000
4302-90-3	See: SH5600000
4302-92-5	See: SH5775000
4302-93-6	See: SH0700000
4302-94-7	See: SH0350000
4303-44-0	See: WQ2900000
4303-88-2	See: QF7945000
*4304-21-6	See: DI0320000
*4309-66-4	See: WJ3540000
*4310-69-4	See: CU3440000
4310-89-8	See: NX5600000
*4312-87-2	See: LQ4740000
4312-92-9	See: YV8142000
*4312-97-4	See: AS6475000
4314-63-0	See: KE6205000
4314-66-3	See: QS4471500
*4316-42-1	See: NI3565000
4317-06-0	See: TA2435000
*4317-14-0	See: HO9550000
4317-61-7	See: UB9650000
*4318-42-7	See: TM0860000
4318-76-7	See: US7555000
4318-78-9	See: US7630000
4318-79-0	See: UU0175000
4319-49-7	See: QD7300000
*4320-30-3	See: CF1936000
4320-33-6	See: EL2450000
4320-43-8	See: UB4106000
4323-00-6	See: VO4280000
*4323-43-7	See: DO6349000
4323-50-6	See: DU2050000
4323-52-8	See: YT1474000
4323-53-9	See: MF0860000
4323-61-9	See: YT4990000
4325-24-0	See: BP7230000
4325-43-3	See: CQ1540000
4329-01-5	See: KH7950000
4329-03-7	See: KH5788000
4329-04-8	See: KH6220000
4329-07-1	See: KH7890000
4330-99-8	See: SO6475000
*4331-22-0	See: CB1755000
4331-28-6	See: UQ5775000
4331-29-7	See: DD5780000
4332-95-0	See: NJ0730000
4334-74-1	See: BZ3150000
4335-05-1	See: SO9100000
*4335-89-1	See: RP3450000
*4336-19-0	See: GW5200000
4336-70-3	See: TA2075000
4336-85-0	See: CQ4110000
4337-68-2	See: BS8350000
4338-64-1	See: SM1132500
4338-94-7	See: FE0525000
4338-95-8	See: UM9000000
4339-69-9	See: LV0592000
4339-96-2	See: GY3910000
4339-97-3	See: GY3920000
*4342-03-4	See: NI3950000
*4342-30-7	See: WH8600000
*4342-36-3	See: WH6710000
4343-43-5	See: HP2360000
*4345-16-8	See: RC2975000
*4350-09-8	See: YN7110000
4351-10-4	See: JH7875000
4352-95-8	See: JI3850000
4353-02-0	See: JI4025000
*4353-28-0	See: SB0350000
4353-42-8	See: NX5890000
4354-45-4	See: GV2975000
4354-73-8	See: OO3735250
*4354-76-1	See: LV2500000
4356-33-6	See: WF0540000
4356-53-0	See: YV9560000
4357-96-4	See: UM9350000

CAS No.	RTECS No.
*4360-12-7	See: AX8050000
*4360-47-8	See: UD1440000
*4360-51-4	See: GE2372000
4361-59-5	See: JI2275000
4361-60-8	See: JI2625000
4361-61-9	See: JI2800000
4361-62-0	See: JI2975000
*4361-80-2	See: GD8900000
4362-40-7	See: JH6950000
4362-44-1	See: JH7000000
*4363-03-5	See: DV5950000
4364-73-2	See: ME9454000
4366-50-1	See: YT2975000
*4368-28-9	See: IO1450000
4369-48-6	See: UB1760000
4369-91-9	See: DG6234000
4370-09-6	See: LM5320000
*4370-33-6	See: AM9158000
4370-90-5	See: MU2700000
4372-46-7	See: UV1390000
4373-31-6	See: AX7890000
*4375-07-9	See: LV2520000
4375-11-5	See: NJ7033000
*4376-20-9	See: TI2500000
4377-16-6	See: SN8625000
4377-18-8	See: SN7825000
4378-36-3	See: ET5979000
4378-91-0	See: LY5090000
4379-17-3	See: UD5425000
4379-18-4	See: JI3150000
4381-07-1	See: EC1440000
4382-50-7	See: NM2980000
4382-54-1	See: NL6005000
4383-39-5	See: UE0125000
4384-81-0	See: FA6200000
4386-25-8	See: DB5300000
4386-79-2	See: BR7875000
*4387-13-7	See: OV7365000
4388-07-2	See: EC1050000
4388-79-8	See: CQ5350000
*4388-82-3	See: CQ6832000
4389-44-0	See: XU0185000
4389-49-5	See: DF4025000
4390-16-3	See: CQ7280000
4392-64-7	See: DB3050000
*4394-00-7	See: QT2999100
*4394-22-3	See: CQ7068575
*4394-23-4	See: CQ7068560
4394-77-8	See: GN7175000
*4394-85-8	See: QD9694000
*4395-80-6	See: GZ6314050
*4395-92-0	See: AB2920000
4399-08-0	See: KH5540000
*4400-66-2	See: CQ7068530
4401-74-5	See: YU1575000
4403-90-1	See: DB5044000
4406-41-1	See: NQ4250000
4407-40-3	See: XY4396900
4408-81-5	See: AJ3500000
4408-82-6	See: AH3502500
*4410-48-4	See: AX8100000
4410-75-7	See: PA6550000
*4412-08-2	See: GQ5785000
*4412-09-3	See: LU5160000
4412-24-2	See: SN7260000
4413-05-2	See: DF4936610
*4413-13-2	See: KH6825000
4413-31-4	See: KH6380000
4414-11-3	See: UF2510000
4414-14-6	See: NQ4670000
4414-88-4	See: DD5650000
*4415-51-4	See: UR9275000
4418-21-7	See: LZ7900000
*4418-26-2	See: UP8225000
4418-45-5	See: GV6760000
4418-61-5	See: XF7465000
4418-66-0	See: GP3325000
4420-65-9	See: WF0550000
4420-66-0	See: AR6010000
4420-67-1	See: YV9570000
*4420-74-0	See: TZ7800000
*4420-79-5	See: MX4200000
4421-09-4	See: TO2645000
4424-17-3	See: CV2325000
4425-23-4	See: CM4110000
*4425-78-9	See: LL6170000
4425-95-0	See: LL7350000
4425-97-2	See: LL7525000
4426-50-0	See: EK1100000
4426-51-1	See: EK1225000
*4427-22-9	See: NS2299300
*4427-56-9	See: SL7175000
4428-14-2	See: KM5493000
*4429-63-4	See: CJ0150000
*4430-31-3	See: GN8261500
*4431-24-7	See: CH6700000
*4431-47-4	See: LK8331100
4432-34-2	See: QE3685000
4432-97-7	See: VN7840000
*4434-05-3	See: UX9375000
4434-13-3	See: TJ7556000
*4435-53-4	See: EL4725000
*4435-60-3	See: DB9280000
*4438-06-6	See: GK7621300
*4439-24-1	See: KL3850000
*4439-84-3	See: SA3676000
*4440-39-5	See: GU3825530
4440-98-6	See: EK3050000
4441-17-2	See: SZ1678000
4441-56-9	See: GU7171000
4442-17-5	See: FH4996000
4442-72-2	See: DF4790000
*4442-79-9	See: KK3528000
4442-85-7	See: KR3325000
4445-09-4	See: RG0187000
4448-96-8	See: JI4655000
*4449-51-8	See: GY0750000
4449-71-2	See: VA3500000
4449-92-7	See: UV8260000
4449-95-0	See: UV8102000
*4452-32-8	See: TB9350000
*4452-58-8	See: WD3490000
4456-80-8	See: MO1500000
4457-71-0	See: SA0800000
*4460-32-6	See: CV2352000
*4460-86-0	See: CU8460000
4461-41-0	See: EM4265000
*4463-22-3	See: AK8225000
4464-75-9	See: KI2110000
4465-92-3	See: VB0200000
*4465-94-5	See: RP5945000
4465-96-7	See: CM7350000
4466-05-1	See: HP3060000
4466-50-6	See: AI4940000
*4466-76-6	See: DI8500000
*4466-77-7	See: SF7900000
4466-96-0	See: DF2363600
4467-21-4	See: GN5600000
4467-97-4	See: HO8605000
4468-02-4	See: ZH3750000
4468-48-8	See: AL7708000
*4468-93-3	See: KK9275000
*4470-23-9	See: TE4400000
*4472-06-4	See: LQ5280000
4477-75-2	See: YV9550000
4478-63-1	See: SA8925000
4478-92-6	See: NX8800000
*4482-55-7	See: AJ8225000
4482-83-1	See: LK4250000
4482-85-3	See: GN5425000
*4484-61-1	See: KL6475000
*4484-72-4	See: VV3940000
4485-12-5	See: WI4370000
4485-25-0	See: KH4420000
*4488-22-6	See: DU3090000
4490-59-9	See: PB8580000
4490-75-9	See: KJ2538500
4492-26-6	See: CO1652000
4492-29-9	See: CO1651500
4492-38-0	See: CL5447200
*4492-96-0	See: TB3900000
4493-18-9	See: XH8953000
4498-32-2	See: HP2499000
4498-44-6	See: BR1303000
4499-01-8	See: DB6045000
*4499-40-5	See: GA7420000
4499-86-9	See: BS8400000
4500-12-3	See: AU5018500
*4500-29-2	See: KK3542000
*4500-29-2	See: KK3538000
4501-30-8	See: NX5550000
*4502-10-7	See: AM5950000
4502-14-1	See: DN7365000
4504-88-5	See: HQ4240000
*4507-98-6	See: JH7528000
*4508-11-6	See: TZ0622020
*4509-11-9	See: RP3850000
4510-16-1	See: MJ9658000
4510-65-0	See: EN0705000
*4511-99-3	See: XY3177800
4512-82-7	See: NX5992000
4512-83-8	See: DI0879400
4512-85-0	See: NX5891000
4512-87-2	See: DI0521000
*4513-53-5	See: OZ4385000
*4514-19-6	See: DJ7700000
*4515-18-8	See: TK6022000
4515-30-4	See: DB5425000
4520-25-6	See: WQ6000000
4524-95-2	See: CL5447250
4525-46-6	See: BO8585000
4525-75-1	See: AG0700000
*4528-34-1	See: KL9500000
*4528-52-3	See: SH6070000
4532-85-8	See: BR6890000
*4533-03-3	See: WY2630000
*4533-39-5	See: AR9240000
4535-84-6	See: HY4060000
4535-87-9	See: HZ9562000
4535-90-4	See: KR1950000
4536-30-5	See: KK7650000
*4538-51-6	See: MB5145000
4538-55-0	See: SZ1500000
4542-46-5	See: KJ2480000
4543-62-8	See: NC3490000
4544-09-6	See: DD4050000
4544-14-3	See: DD4600000
4544-15-4	See: DD4200000
4546-25-2	See: VA2451500
4547-57-3	See: AF6945000
4547-59-5	See: AF7100000
4548-45-2	See: US7175000
*4548-53-2	See: QK2705000
*4549-40-0	See: YZ0875000
*4549-43-3	See: BA7000000
*4549-44-4	See: EO5075000
4549-72-8	See: GP3132000
4550-68-9	See: AB5952500
*4551-59-1	See: ON9110800
4553-10-0	See: NL7940000
4553-62-2	See: YV8140000
*4553-89-3	See: QK1575000
4556-23-4	See: UT8578000
4560-87-6	See: XZ1055000
*4560-93-4	See: JO1620000
4561-43-7	See: DN7175000
4562-22-5	See: QD1609600
*4562-27-0	See: UW7350100
*4562-36-1	See: LZ0525000
4564-72-1	See: QK7158000
*4564-87-8	See: MM0525000
4567-22-0	See: UY2610000
*4569-82-8	See: XJ6094000
4569-88-4	See: SG1608000
4570-41-6	See: DM4500000
4572-56-9	See: QI7635000
4576-56-1	See: SZ1780000
*4578-31-8	See: AU7481600
*4582-21-2	See: RB8225000
4583-50-0	See: TI3970000
*4584-46-7	See: KQ9020000
*4584-49-0	See: TY1225000
*4584-66-3	See: GU3831000
4588-31-6	See: OD9350000
4589-95-1	See: HG5425000
*4593-81-1	See: LY5020000
4593-82-2	See: LY5330000
4597-81-3	See: NI8940000
4597-87-9	See: UT5500000
4602-84-0	See: JR4979000
4604-72-2	See: UQ2360000
4605-73-6	See: UU6842000
4611-02-3	See: SN8225000
4611-05-6	See: RL1576000
4611-42-1	See: VN7435000
4618-24-0	See: UA8480000
4618-88-6	See: SG1593000
*4619-66-3	See: AK4900000
4619-74-3	See: GP3500000
*4621-04-9	See: GV9620000
4623-21-6	See: XZ2000000
4628-12-0	See: TA0430000
4628-17-5	See: DH7100000
4630-82-4	See: GU8599000
*4630-95-9	See: UY4310000
4634-22-4	See: YE2120000
4634-46-2	See: RB8300000
4634-47-3	See: RB8715000
4634-50-8	See: RB8450000
4634-51-9	See: RB8745000
4634-52-0	See: RB8700000
4634-54-2	See: RB8375000
4635-08-9	See: US4000000
4636-79-7	See: UU2600000
*4636-83-3	See: UU2592000
*4637-56-3	See: VB9800000
4638-03-3	See: UA5075000
*4638-25-9	See: WH8637000
*4643-58-7	See: YX9822000
4650-29-7	See: HA5397000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
4655-34-9	See: OZ5020000
4657-19-6	See: NJ0175000
*4657-93-6	See: AB0900000
*4658-28-0	See: XY3280000
*4659-47-6	See: CU8402000
4663-36-9	See: OF2335000
4664-00-0	See: US7963000
4664-01-1	See: US7966000
*4665-48-9	See: KJ4630000
4665-63-8	See: DL4900000
4667-76-9	See: TI5636000
*4671-75-4	See: TA0460000
4672-14-4	See: ES5000000
4672-16-6	See: ET6140000
4672-18-8	See: TM5630000
4672-38-2	See: TA0420000
*4672-49-5	See: KW5540000
*4678-44-8	See: PB9220000
*4678-45-9	See: PB9190000
*4680-78-8	See: BQ4375000
4681-36-1	See: AI8050000
*4682-50-2	See: YD0120000
4682-98-8	See: OB1090000
*4684-94-0	See: TJ7535000
4685-10-3	See: UU5800000
4685-14-7	See: DW1960000
*4685-18-1	See: XY6840000
4687-46-1	See: HO9235000
4687-47-2	See: HO8715000
*4691-65-0	See: NM7519500
4692-94-8	See: AK3960000
4693-02-1	See: DM3145000
4695-13-0	See: AB8135000
*4695-62-9	See: RB7875200
*4696-54-2	See: RH0367200
4696-76-8	See: WK1975000
4697-14-7	See: XM9410000
*4699-26-7	See: DE6430000
*4700-56-5	See: WM9645000
4702-13-0	See: NR3439000
4702-64-1	See: CB6482500
4702-86-7	See: US5785000
4704-77-2	See: TY2346000
4706-15-4	See: DG2975505
4706-22-3	See: KJ2540000
4707-88-4	See: TA1575000
4707-91-9	See: DA7175000
4708-24-1	See: UE4395000
*4711-96-0	See: DT5250000
4712-49-6	See: XI4840000
4712-70-3	See: SP7680000
*4713-59-1	See: WH6883100
*4714-30-1	See: KH7975000
4714-67-4	See: CV2342000
*4715-23-5	See: AB6050000
*4720-09-6	See: PB9195000
4720-86-9	See: GW4650000
4722-68-3	See: JH3675000
4722-99-0	See: VJ3325000
*4723-99-3	See: JO6125000
4724-58-7	See: KR6125000
*4726-14-1	See: BY6200000
4726-80-1	See: PC3503000
*4726-93-6	See: AV2310000
*4727-62-2	See: TN6157500
*4728-82-9	See: GU6405000
4730-16-9	See: MP8950000
4730-77-2	See: SZ9850000
*4731-77-5	See: WH6733100
4732-59-6	See: UZ1050000
4733-73-7	See: TN4340000
4734-11-6	See: DL0752500
4734-13-8	See: DL0749000
4736-19-0	See: GW4560000
*4736-60-1	See: TA2312000
4737-49-9	See: SA2705000
4743-82-2	See: SB3360000
4745-26-0	See: JH4550000
*4746-61-6	See: AC3851000
4747-82-4	See: NQ9100000
4749-28-4	See: UD1575000
*4751-74-0	See: TM6113500
*4751-99-9	See: DU2845000
*4752-00-5	See: DU2848000
*4752-02-7	See: DU2075000
*4752-03-8	See: DU2065000
4755-59-3	See: DE1800000
4756-13-2	See: TZ9500000
4756-45-0	See: DH2395000
*4756-75-6	See: WJ0900000
*4757-55-5	See: AR6973200
*4759-48-2	See: VH6440000
4760-36-5	See: UC3000000
*4761-09-5	See: NJ0630000
*4761-93-7	See: DU2043000
*4762-14-5	See: DU1975000
*4762-16-7	See: DU1135100
*4762-17-8	See: DU1135200
*4762-21-4	See: DU2090000
4764-17-4	See: SI0580000
4769-33-9	See: GD7356000
*4771-80-6	See: GW3675000
*4773-96-0	See: OP1927800
4774-32-7	See: TL4220000
4775-98-8	See: TO0125000
4776-10-7	See: XH5637000
4776-11-8	See: XH6330000
4779-94-6	See: DN7400000
*4781-76-4	See: UP7750000
*4785-72-2	See: FB9700000
4786-19-0	See: EM8400000
4786-52-1	See: UV7750000
*4786-84-9	See: NJ1555000
4786-85-0	See: NJ1575000
4789-68-8	See: TL1575000
4790-19-6	See: NL6150000
4790-82-3	See: FB4600000
4790-83-4	See: FB9275000
*4790-92-5	See: FB5700000
4791-21-3	See: YS4725000
4791-34-8	See: XH6143000
4791-35-9	See: XH5623000
4791-36-0	See: XH6493300
4791-37-1	See: XH6487000
4791-38-2	See: XH5720000
4791-39-3	See: XH5638000
4791-40-6	See: XH6385000
4791-41-7	See: XH6350000
4791-42-8	See: XH5093920
4792-58-9	See: NL6010000
4794-20-1	See: PC4725000
*4795-29-3	See: LV0175000
4799-66-0	See: KL7360000
4799-67-1	See: TY3180000
4800-34-4	See: CB3570000
4800-57-1	See: VC3875000
*4800-94-6	See: ON9105000
4801-58-5	See: TN6829550
4802-31-3	See: NL6700000
4803-09-2	See: XZ1970000
*4803-27-4	See: UY8429000
4806-87-5	See: SH2275000
4807-55-0	See: VI8400000
4810-48-4	See: HP1970000
*4812-22-0	See: MP7350000
*4812-23-1	See: EM8750000
4812-24-2	See: RA9275000
*4812-25-3	See: RA8575000
4813-03-0	See: MV3675000
4822-44-0	See: AE4375000
4823-13-6	See: AL8400000
4823-47-6	See: AS4810000
*4824-78-6	See: TE7000000
4825-86-9	See: AY6825000
*4826-62-4	See: JR5150000
4827-85-4	See: YM6235000
4828-34-6	See: GY0175000
4829-04-3	See: JP0511000
*4831-62-3	See: UZ9850000
4832-10-4	See: JI4270000
4832-10-4	See: JI4260000
*4836-08-2	See: WR7425000
*4836-09-3	See: AT3[illegible]0000
4836-20-8	See: BP8081000
4836-62-8	See: MV3100000
*4836-66-2	See: DC3463500
4836-98-0	See: NX4910500
*4838-56-6	See: DU2040000
4843-98-5	See: UR0150000
*4845-14-1	See: BY1800000
4845-49-2	See: UQ9275000
4845-58-3	See: DL6600000
*4848-63-9	See: WH6733700
4849-30-3	See: YT0168300
4849-31-4	See: YT0168000
*4849-32-5	See: EY9980000
4849-33-6	See: YT0165000
4849-42-7	See: YT5000000
4855-95-2	See: HO8575000
4856-87-5	See: ON5520000
4856-95-5	See: QD8530000
4857-04-9	See: DD6825000
*4867-59-8	See: FB3380000
*4867-60-1	See: FD9749000
*4867-61-2	See: FD8940100
*4867-78-1	See: US4099500
*4867-79-2	See: US4140000
4869-70-9	See: XH6486500
4869-71-0	See: XH5760000
4870-16-0	See: TI3960000
*4871-71-0	See: UW5850000
*4871-72-1	See: UV9350000
4872-26-8	See: LY4940000
*4875-90-5	See: NK7538500
*4876-45-3	See: UU3874700
4879-41-8	See: UH4402000
*4880-82-4	See: DR9842300
4881-17-8	See: SZ5300000
4883-34-5	See: GU8775000
*4885-02-3	See: KN8150000
4891-15-0	See: KG4300000
4891-54-7	See: TF2975000
4891-66-1	See: NX8930000
4892-02-8	See: DH3500000
4897-31-8	See: NI4397000
4900-81-6	See: GU8770000
4901-51-3	See: SM9200000
4904-00-1	See: PC2000000
*4904-61-4	See: GU2308000
4907-84-0	See: XO0683000
4909-58-4	See: AY6150000
4910-06-9	See: DI2500000
4912-71-4	See: QC7630000
4913-06-8	See: JI3900000
4914-18-5	See: MV3105000
*4914-30-1	See: JY5095000
*4915-25-7	See: TE8600000
4915-39-3	See: UY5727000
4915-41-7	See: UY5731000
4915-50-8	See: UY5420000
4916-38-5	See: LY5100000
4918-95-0	See: GO8200000
4921-49-7	See: EV6494000
4921-82-8	See: YS1400000
4921-83-9	See: YR9800000
4921-84-0	See: YS0675000
4921-85-1	See: YS1050000
*4922-03-6	See: DD8185000
4922-53-6	See: KZ5264000
4922-55-8	See: WM4800000
4922-56-9	See: XZ5272000
4922-57-0	See: WM4750000
4922-58-1	See: XZ5271000
4922-94-5	See: XZ5265000
4922-95-6	See: XZ5266000
4922-97-8	See: XZ5267000
4922-98-9	See: XZ3900000
4923-02-8	See: XZ5270000
4923-03-9	See: XZ4550000
4923-06-2	See: XZ3863000
4924-54-3	See: GU1795000
4928-41-0	See: BY0175000
*4929-62-8	See: DD7050000
*4929-77-5	See: DD8073000
*4929-81-1	See: DD8062000
*4929-82-2	See: DD8074000
4931-50-4	See: FF2675000
4932-09-6	See: LT7278000
4932-11-0	See: FF2650000
4933-19-1	See: UY8709000
4934-55-8	See: DJ0270000
*4935-28-8	See: IF2070000
4935-85-7	See: SF8270000
4935-96-0	See: NR3432000
4936-47-4	See: RQ3590000
*4940-11-8	See: UQ0840000
*4940-13-0	See: UQ0900000
4942-70-5	See: UQ9155000
4944-43-8	See: XO0585000
4945-47-5	See: TM4921500
4946-22-9	See: DC1575000
4947-89-1	See: YS7000000
*4949-11-5	See: UV1150650
4949-83-3	See: YS9275000
4949-88-6	See: YS1575000
4951-42-2	See: XH6380000
4951-97-7	See: OB3150000
*4955-90-2	See: LY3860000
*4956-18-7	See: FH5430000
*4959-88-0	See: WH1312400
4960-47-8	See: WO6300000
*4964-27-6	See: CH7325000
4968-09-6	See: TU5011600
4969-02-2	See: TN1941000
4973-66-4	See: XT7353500
*4974-58-7	See: DV5320000
4975-73-9	See: LQ4566500
4978-85-2	See: UU6852500
4979-32-2	See: DL6300000
4981-10-6	See: GU8765000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
*4981-24-2	See: JM4780000
*4982-76-7	See: FD9303500
4982-84-7	See: QF3450000
*4985-15-3	See: HP1150000
*4985-85-7	See: KJ6630000
4987-27-3	See: UY7600000
4988-26-5	See: WW4950000
4988-54-9	See: HA3900000
*4988-64-1	See: UP0700000
4989-37-1	See: YU1130000
4989-72-4	See: XM5622000
4989-74-6	See: XM5057000
4992-29-4	See: XJ6177500
4992-30-7	See: XJ6280000
4996-48-9	See: LV2015030
*4998-76-9	See: GX1440000
5001-30-9	See: TB3970000
5001-31-0	See: TB4000000
*5001-99-0	See: DU8333500
5002-47-1	See: HE0525000
*5003-48-5	See: VO0720000
*5003-71-4	See: UH9925000
*5005-21-0	See: UY0732500
*5005-28-7	See: TM6537000
*5005-71-0	See: TM6607000
5005-72-1	See: GV6678000
*5005-73-2	See: TM6613000
*5005-81-2	See: CM3185500
*5005-84-5	See: DU8341100
5006-67-7	See: NI5670000
5009-07-4	See: AB5957500
5009-09-6	See: AB5955000
5014-10-8	See: RB8740000
*5014-11-9	See: RB8870000
5014-12-0	See: RB8280000
5014-25-5	See: DG8519000
*5014-35-7	See: CV7418010
5016-18-2	See: UW7930000
5016-62-6	See: FE2702000
5017-79-8	See: TN0390000
*5019-55-6	See: XZ4980000
5022-29-7	See: TI5075000
5025-07-0	See: RB7800000
5026-62-0	See: DH2455000
5027-16-7	See: FE2300000
5028-17-1	See: TK8113500
5029-46-9	See: EK8400000
5032-13-3	See: CU5770000
5034-06-0	See: WR8680000
*5034-56-0	See: FD9798000
*5034-77-5	See: NI3930000
*5035-67-6	See: WH8255000
*5036-03-3	See: NJ0700000
5045-91-0	See: WG2275000
5051-16-1	See: QJ1230000
5052-99-3	See: RO0378000
5053-04-3	See: RO0290000
5053-06-5	See: RO0373000
*5053-08-7	See: RO0375000
5053-09-8	See: RO0349000
5053-14-5	See: RO0220000
5054-57-9	See: DO6700000
5055-01-6	See: UV0430000
*5055-20-9	See: VA1351500
5055-72-1	See: YS7700000
5056-91-7	See: QD2810000
*5060-52-6	See: VA3470000
5060-56-0	See: SO3300000
5061-42-7	See: VI8491000
5062-64-6	See: EJ7400000
5062-65-7	See: SA0250000
5062-66-8	See: GY8455000
5062-67-9	See: GX0725000
5062-68-0	See: GU4696200
*5064-31-3	See: MB8400000
5068-50-8	See: BQ2760000
5069-41-0	See: UC3085000
5071-96-5	See: DP5550000
5073-98-3	See: SN8750000
5075-13-8	See: TA3765000
5075-95-6	See: UY5290000
5075-96-7	See: UY5540000
*5076-19-7	See: EK3860000
5076-30-2	See: GW0787000
5076-60-8	See: GV8870000
5076-63-1	See: TB8813000
5083-00-1	See: AB5960000
5085-35-8	See: DT7940000
*5086-74-8	See: NJ5950000
5090-36-8	See: NL7863000
5090-37-9	See: NI4805000
5094-12-2	See: UV0830000
5096-13-9	See: UU2350000
*5096-17-3	See: AB5700000
*5096-18-4	See: QM4200000
*5096-19-5	See: HP8750000
*5096-21-9	See: AE8225000
*5096-24-2	See: GY5270000
5096-49-1	See: VT5707000
*5096-57-1	See: DR9823000
5096-71-9	See: XG2003000
5096-72-0	See: WL2420000
5097-99-4	See: AL9275000
5099-52-5	See: BR9...00000
5099-78-5	See: PB7735000
5100-03-8	See: AB4840000
*5100-91-4	See: DJ3280000
5103-71-9	See: PB9705000
*5104-49-4	See: DU8341000
*5105-78-2	See: ES8137200
5107-49-3	See: XS3591000
*5108-94-1	See: KG7550000
5110-74-7	See: CM7700000
5112-21-0	See: TY4240000
5112-23-2	See: TZ1490000
*5114-31-8	See: TD5180000
5114-37-4	See: TA4725000
5115-46-8	See: AY3054000
5116-22-3	See: YU7900000
*5116-24-5	See: YU7600000
*5117-17-9	See: YS9450000
5117-85-1	See: GY2475000
*5118-26-3	See: NL4575000
*5118-29-6	See: CB0770000
*5120-23-0	See: NJ6470000
5123-63-7	See: DB6080000
*5124-30-1	See: NQ9250000
*5130-80-3	See: NH6737000
*5131-24-8	See: TB2050000
*5131-60-2	See: SS8800000
5131-66-8	See: UA7700000
5132-81-0	See: AR7675000
*5133-32-4	See: DU2041000
5135-80-8	See: AB2625000
*5137-55-3	See: BR8575000
5137-70-2	See: SZ7875000
5138-90-9	See: DB5620000
5140-35-2	See: RB6035000
*5141-20-8	See: BQ4900000
5144-52-5	See: NJ4376000
5148-23-2	See: CQ4198900
5149-48-4	See: TZ1080000
5149-69-9	See: DF6550000
5152-30-7	See: YO5250000
*5153-67-3	See: WL5460000
*5153-69-5	See: WL4810000
5157-08-4	See: UR6375000
5157-15-3	See: MD1100000
*5160-02-1	See: DB5500000
5164-11-4	See: MV2074000
*5166-53-0	See: MP8750000
*5166-62-1	See: NJ6455000
5167-31-7	See: CQ7840000
*5169-78-8	See: TM7870000
5173-27-3	See: KI2120000
*5175-87-1	See: NJ6460000
5175-99-5	See: RN7075000
*5178-52-9	See: UX1901000
5178-56-3	See: LL7050000
5181-07-7	See: TN1980000
5182-90-1	See: VD1500000
*5185-70-6	See: CF8975000
*5185-71-7	See: CF8950000
5185-72-8	See: CF9493000
*5185-76-2	See: CF9496000
*5185-77-3	See: JO5650000
*5185-78-4	See: JO5700000
*5185-80-8	See: BW7380000
5185-84-2	See: OW0750000
*5185-97-7	See: SA9090000
5187-82-6	See: WR7600000
*5188-42-1	See: DU2800000
5189-11-7	See: TM7165500
*5189-40-2	See: GO7530000
5191-35-5	See: SZ7905000
5191-80-0	See: HA1800000
5196-23-6	See: XO0550000
5199-12-2	See: VI8450000
*5205-11-8	See: EM9473900
*5205-82-3	See: TN5950070
5206-30-4	See: RN7015000
*5208-87-7	See: DF4920000
*5212-99-7	See: DV1780000
5213-35-4	See: NI7600000
*5213-47-8	See: NI5155000
5213-48-9	See: NI5085000
5213-49-0	See: NI5200000
5216-35-3	See: KH5465000
5220-39-3	See: GU3560800
5220-93-9	See: MD4375000
5221-17-0	See: UE0800000
5221-42-1	See: AC7875000
5221-44-3	See: US2550000
5221-49-8	See: TF6740000
*5221-53-4	See: UW6025000
*5223-06-3	See: UT3150000
*5227-68-9	See: MF8585000
5229-37-8	See: BR8965000
5229-38-9	See: TN1960000
5229-85-6	See: RO0305000
5229-89-0	See: RO0340000
5231-39-0	See: GU3511890
5231-41-4	See: GU3511500
5231-42-5	See: GU3511860
5231-43-6	See: GU3510300
5231-44-7	See: GU3510600
5231-60-7	See: NM2410000
5232-99-5	See: AT6200000
5233-14-7	See: DE0250000
*5234-26-4	See: AD7710000
*5234-68-4	See: RP4550000
5240-32-4	See: GV9200000
5240-72-2	See: RB7350000
5243-94-7	See: NY2756000
5249-85-4	See: UG8650000
*5249-88-7	See: UH4390000
5249-95-6	See: UH4414000
5250-02-2	See: UH0875000
5250-08-8	See: UH4376000
*5251-79-6	See: AF4610000
5254-41-1	See: QJ1885000
*5255-33-4	See: XJ1921500
*5255-75-4	See: TZ3650000
5257-20-5	See: JG7000000
5257-35-2	See: TX8270000
*5259-88-1	See: RP4900000
5260-37-7	See: DM5285000
5260-91-3	See: SZ6104400
5263-87-6	See: VC0350000
5265-98-5	See: BS2100000
5266-96-6	See: FB2430000
5267-87-8	See: KI2700000
5272-54-8	See: UQ9287000
*5275-04-7	See: NM1700000
5275-69-4	See: LT8530000
*5281-13-0	See: DF4911000
5281-32-3	See: DP4032000
5281-76-5	See: ES3325000
*5283-66-9	See: VV4700000
*5283-67-0	See: VV4660000
5285-41-6	See: DM5270000
*5285-87-0	See: XL1850000
5286-73-7	See: TF2800000
5287-46-7	See: AY7070000
5287-73-0	See: GU3510500
*5289-74-7	See: FZ8060000
*5289-93-0	See: UH1860000
5292-21-7	See: GU6490000
5293-84-5	See: TA1882000
5295-23-8	See: AC9075000
5296-80-0	See: BZ4900000
5297-92-7	See: NI5080000
5299-64-9	See: QE7900000
5299-65-0	See: QE0690000
5300-92-5	See: NY2300000
5301-05-3	See: BS9305000
*5301-06-4	See: KR3160000
5301-29-1	See: UY5772500
5301-31-5	See: UY5925000
5301-36-0	See: UY5723000
5301-38-2	See: TC0370000
5301-54-2	See: TC0528000
5302-27-2	See: XZ5425000
*5302-41-0	See: BY0700000
*5307-02-8	See: ST2692000
*5307-14-2	See: ST3000000
*5309-52-4	See: MP7750000
*5310-10-1	See: AC6370000
*5310-14-5	See: CV5598100
*5310-55-4	See: AR6972000
5318-16-1	See: TM6497350
5318-18-3	See: TM6497300
5318-20-7	See: TM6497100
*5318-76-3	See: FE0550000
*5320-75-2	See: UD5520000
5321-48-2	See: TM1400000
5321-78-8	See: AB2200000
5323-67-1	See: FF7875000
5323-95-5	See: VJ3500000
5323-97-7	See: XI8925000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*5324-12-9	See: UB0220000
5324-43-6	See: MI9290000
5325-94-0	See: TM6300000
5326-57-8	See: AE1971500
5326-88-5	See: MV0490000
5327-22-0	See: UY0525000
5327-28-6	See: FB1400000
5327-69-5	See: MF5950000
5327-72-0	See: CA9700000
5327-73-1	See: UV7525000
5328-04-1	See: GL6650000
*5329-14-6	See: WO5950000
5330-88-1	See: UU6902500
5330-96-1	See: WQ2976000
5331-91-9	See: DL6490000
5332-06-9	See: ET8925000
5332-35-4	See: WN3400000
5332-51-4	See: YQ2841000
5332-68-3	See: TG4400000
5332-73-0	See: UI3335000
5333-75-5	See: FJ2540000
5333-82-4	See: DN9530000
5335-09-1	See: LT0350000
5336-53-8	See: HQ7100000
*5337-17-7	See: SZ6561300
*5337-19-9	See: SZ9430100
5337-36-0	See: ED5120000
5337-37-1	See: ED5965000
5337-41-7	See: ED5620000
5337-42-8	See: ED5640000
5337-60-0	See: ED4950000
5338-14-7	See: SA8750000
5338-18-1	See: AB4550000
5338-65-8	See: QE8200000
5339-39-9	See: XK9205000
5339-42-4	See: UM1400000
5339-43-5	See: UM4200000
5339-44-6	See: UM3500000
5339-45-7	See: UM7175000
5339-46-8	See: UM2625000
5339-50-4	See: AG5600000
5339-67-3	See: DB2450000
5339-74-2	See: CU6825000
5339-75-3	See: UW2450000
5340-02-3	See: XI5950000
*5340-36-3	See: RH1405000
5341-07-1	See: VB0350000
*5341-13-9	See: KK5650000
5341-44-6	See: BW7605000
5341-52-6	See: MO4900000
*5341-61-7	See: MV2298000
5342-96-1	See: UG4280000
5343-35-1	See: SA5600000
5344-27-4	See: UT2971000
*5344-82-1	See: YS7100000
5344-90-1	See: DN3155000
5345-40-4	See: GE0355000
5345-64-2	See: AJ8000000
*5347-12-6	See: XM9275000
5347-15-9	See: VB0250000
5348-26-5	See: SM2700000
5348-27-6	See: SM2710000
*5348-97-0	See: TL1240000
5349-20-2	See: XK9000000
5349-21-3	See: AJ6331000
5349-27-9	See: AJ6125000
*5349-28-0	See: AJ6200000
*5350-17-4	See: HR8401500
5350-26-5	See: QL7470000
5350-41-4	See: BO8392000
5351-17-7	See: DG2580000
*5351-66-6	See: VT3157000
5351-69-9	See: VT4025000
5351-70-2	See: VT3270000
5351-90-6	See: VN6125000
5351-92-8	See: VT3450000
*5355-48-6	See: IH6330000
5356-88-7	See: VW5500000
5369-38-0	See: BS2480000
5369-84-6	See: XZ4090000
*5370-01-4	See: KR9310000
5371-90-4	See: UQ6125200
5372-10-1	See: KL8080000
5372-11-2	See: UQ6455000
5372-12-3	See: UQ6478000
5372-13-4	See: UQ6476000
5372-14-5	See: UQ6910000
5372-15-6	See: UQ6126200
5372-17-8	See: UQ6125800
5372-21-4	See: UQ6125600
5372-22-5	See: KJ7545000
*5373-42-2	See: HQ1775000
5373-87-5	See: BZ3425000
5376-09-0	See: UQ9150000
5376-34-1	See: NL4450000
5377-20-8	See: NI4025000
5378-68-7	See: UY5930000
*5379-20-4	See: WL4460500
5382-88-7	See: AF1400000
*5385-75-1	See: HM9799000
*5386-11-8	See: AB1075000
5388-42-1	See: TI5696000
5388-46-5	See: AS2000000
5388-82-9	See: GZ2275000
*5389-12-8	See: FG2190000
5392-02-9	See: VV1925000
5392-06-3	See: YV8750000
5392-21-2	See: UN1750000
5392-26-7	See: UM2320000
5392-30-3	See: UY4375000
*5392-40-5	See: RG5075000
*5393-75-9	See: SN1750000
5393-97-5	See: AR9534300
5394-08-1	See: OD4375000
5394-35-4	See: CB3225000
5394-36-5	See: MU2070000
5394-72-9	See: UM4900000
5394-83-2	See: EX1319000
*5395-01-7	See: FB1925000
5395-04-0	See: TM5950000
5395-22-2	See: PC0525000
5395-36-8	See: UV7875000
5395-98-2	See: UM5425000
5397-04-6	See: XY6885000
*5397-31-9	See: UI2820000
*5397-78-4	See: AB7444800
5398-11-8	See: TI3800000
5398-29-8	See: UE6300000
5399-06-4	See: QE7350000
5399-68-8	See: CU5680000
5401-94-5	See: NK7962000
5404-86-4	See: UO8550000
*5405-53-8	See: LL7175000
5406-86-0	See: SG7875000
5407-51-2	See: DL3400000
*5407-70-5	See: OB5010000
*5407-73-8	See: LT7487500
5407-80-7	See: RQ2200000
5407-87-4	See: US1818000
*5408-74-2	See: UT3850000
5409-37-0	See: AR7343600
5409-62-1	See: UG8225000
*5410-29-7	See: CY5950000
*5410-37-7	See: XS6125000
*5410-54-8	See: QJ1400000
*5410-78-6	See: BX2700000
*5411-08-5	See: CY5425000
5411-99-4	See: MJ0350000
5412-04-4	See: UM5775000
*5412-25-9	See: UB0250000
5412-35-1	See: XZ0400000
5412-37-3	See: NX5425000
5412-64-6	See: DP2100000
*5413-60-5	See: PC1210000
5414-52-8	See: CE0100000
5415-07-6	See: AL7875000
5416-05-7	See: WS2450000
5416-64-8	See: AJ5075000
*5416-74-0	See: OW3335000
5418-32-6	See: GU5780000
5418-94-0	See: UV1162000
5419-00-1	See: CQ6820000
5419-48-7	See: BV8154100
*5419-55-6	See: ED5950000
5420-94-0	See: JH8050000
5421-06-7	See: JH1575000
5421-46-5	See: AI7525000
5421-48-7	See: OV5950000
5421-89-6	See: CV6300000
5421-95-4	See: RO0812000
5422-12-8	See: VD1435000
*5422-34-4	See: OD2400000
5422-42-4	See: OD2275000
5422-97-9	See: GU0400000
*5423-12-1	See: CY4025000
5423-40-5	See: UW5075000
5423-64-3	See: QE9460000
5424-18-0	See: BS1750000
5424-19-1	See: OB6401000
5424-26-0	See: BS7480000
*5424-37-3	See: YS1950300
5426-14-2	See: UO7650000
5426-47-1	See: XH5110000
5426-72-2	See: EV6504000
5426-88-0	See: EV6490000
5426-90-4	See: XH5093400
5427-20-3	See: UP0270000
*5427-30-5	See: SZ6561100
5427-83-8	See: WN3525000
*5427-99-6	See: MC0801100
5428-37-5	See: LT7010000
5428-64-8	See: VC0260000
5428-89-7	See: UV6329500
5428-90-0	See: OW1500000
5428-95-5	See: AE4450000
5429-13-0	See: ME9490000
5429-34-5	See: XH5065000
5429-37-8	See: XH5700000
5429-62-9	See: AF4700000
*5430-13-7	See: CY4950000
*5431-19-6	See: SZ7175100
5431-31-2	See: OO7400000
*5431-33-4	See: RK0700000
*5431-34-5	See: SZ7175000
*5431-35-6	See: SZ7350000
5432-01-9	See: KV9480000
*5432-28-0	See: GX1575000
5432-38-2	See: KH6600000
5432-61-1	See: GX1400000
5432-74-6	See: VD2050000
5432-89-3	See: AF2170000
5434-47-9	See: XT0570000
*5434-57-1	See: TO7876600
5434-62-8	See: XH5066000
*5435-64-3	See: MN7820000
*5435-76-7	See: SZ4577000
*5435-78-9	See: SZ5390200
5436-89-5	See: TL6780000
5437-20-7	See: UV8138500
5437-25-2	See: UO8475000
*5437-33-2	See: UV1146300
5437-60-5	See: KJ8360000
5437-63-8	See: TZ9700000
5437-98-9	See: AK4598010
5438-71-1	See: XH5060000
5438-74-4	See: QJ0925000
5438-85-7	See: QK4260000
5439-31-6	See: AJ6330000
5439-51-0	See: XH3854000
5439-96-3	See: BR0846000
*5440-04-0	See: CY4375000
5440-19-7	See: ED5790000
5440-69-7	See: CV5425000
5441-24-7	See: HQ7093000
5441-63-4	See: IH4550000
5442-12-6	See: RN8300000
5442-32-0	See: UO1320000
*5443-49-2	See: GD6480000
*5444-80-4	See: AS1750000
5445-68-1	See: UM2415000
5445-73-8	See: UW5980000
5446-42-4	See: UP0787800
5447-66-5	See: MA3000000
5448-27-1	See: NJ2770000
5448-47-5	See: NL3600000
5449-57-0	See: AS9090000
5449-90-1	See: UX9295000
5450-59-9	See: NJ5100000
5450-96-4	See: EK3585000
5451-18-3	See: UF2625000
5451-51-4	See: AI3560000
5452-75-5	See: GU6555000
5452-83-5	See: UT7360000
5453-87-2	See: UW9275000
5453-91-8	See: UW8925000
*5454-74-0	See: FG0900000
*5455-88-9	See: VA3115080
5455-91-4	See: QD7050000
*5455-98-1	See: TI4950000
5456-21-3	See: FE2510000
*5456-28-0	See: VT0700000
5458-49-1	See: OO4242500
5458-70-8	See: ES8925000
5459-02-9	See: DM5267500
5459-62-1	See: NJ3150000
*5459-90-5	See: UC8924000
5459-93-8	See: GX1225000
5460-03-7	See: NK7535000
5461-34-7	See: YS0700000
*5461-85-8	See: MF3628000
5462-97-5	See: VI8190000
5463-78-5	See: EK3500000
*5464-28-8	See: JH8390000
5464-30-2	See: CI9275000
5464-31-3	See: PD0700000
5464-40-4	See: PD0525000
5464-64-2	See: BX1850000
5464-66-4	See: BR5885000
5464-79-9	See: DL2000000
5465-29-2	See: DE0460000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*5466-22-8	See: MC2100000
5466-62-6	See: QT1525000
5466-09-7	See: NQ5605000
5466-97-7	See: IA3675000
5467-74-3	See: CY8650000
5468-43-9	See: UU5200000
5468-44-0	See: WL5425000
5468-45-1	See: QF2800000
5470-02-0	See: TN3720000
*5470-11-1	See: NC3675000
5470-28-0	See: TL3550000
5470-42-8	See: CV4355000
5470-48-4	See: CU7525000
5470-57-5	See: TL6403000
*5471-51-2	See: EL8925000
*5486-77-1	See: CU8800000
5489-13-4	See: UY5560000
5490-31-3	See: HO9100000
5493-45-8	See: GU9070000
5496-04-8	See: UQ9651000
5496-20-8	See: NJ4110000
5498-60-2	See: RN7020000
5500-11-8	See: NY2758000
5500-76-5	See: RO0295000
*5503-41-3	See: AJ3880000
5504-55-2	See: GS5965000
5504-68-7	See: DD5420500
5505-69-1	See: AH2885000
5509-29-5	See: BR8200000
5510-99-6	See: SK8225000
5511-18-2	See: AU4452000
*5511-98-8	See: IH6300000
*5517-73-7	See: UH4388200
5517-75-9	See: UH0400000
*5522-43-0	See: UR2480000
*5524-97-0	See: DD8075000
*5524-98-1	See: DD6385000
*5526-11-4	See: NJ6380000
*5531-31-7	See: GV1450000
*5534-09-8	See: TU3805000
5534-95-2	See: AY2970000
5535-51-3	See: WR5870000
*5536-17-4	See: AU6200000
*5537-54-2	See: AB7906500
5540-66-9	See: MX9282500
*5544-25-2	See: UY8429500
5546-63-4	See: GU3511000
5548-09-4	See: NM1480000
5549-23-5	See: XZ0415000
*5550-12-9	See: MF9290000
5551-77-9	See: CM3945000
5554-64-3	See: UB3675000
5555-13-5	See: UE7620000
*5555-22-6	See: CI9099000
*5555-23-7	See: CI9451000
5556-57-0	See: UY5770700
*5560-72-5	See: GY0350000
5563-10-0	See: VC3535000
5565-09-3	See: UY5751000
5565-10-6	See: UY5755000
*5566-34-7	See: FB9805000
5567-21-5	See: QE7210000
*5567-42-0	See: NJ2640000
*5568-90-1	See: SO5500000
5569-98-2	See: MA2276000
5569-99-3	See: MC1090000
5570-00-3	See: NR4750000
5570-03-6	See: RC6360000
5570-04-7	See: AY7590000
5571-97-1	See: XJ1225000
5572-75-8	See: YT0167000
5575-21-3	See: UU2800000
*5576-62-5	See: TL2380000
*5578-82-5	See: JH4748500
*5579-43-1	See: WH0194560
5579-78-2	See: RQ6670000
5579-85-1	See: DM5075000
*5579-93-1	See: UV1146600
5580-27-8	See: EY9275000
5580-94-9	See: HA6000000
5581-40-8	See: NK4025000
*5581-52-2	See: UO7505000
*5583-11-9	See: RQ5833505
5584-64-5	See: SH1950000
5584-65-6	See: UI0582500
*5585-39-7	See: RG5370000
5585-52-4	See: SI3825000
5585-67-1	See: VG6570000
5585-71-7	See: NL5075000
*5585-73-9	See: HP0350000
5585-88-6	See: GY3500000
5586-87-8	See: SH2100000
5587-76-8	See: YQ2300000
5587-89-3	See: MW5160000
*5588-10-3	See: SH8050000
*5588-12-5	See: NJ0628000
*5588-20-5	See: MU2400000
5588-21-6	See: GD7435000
*5588-22-7	See: DN9500000
*5588-25-0	See: DT7361000
5588-33-0	See: SP1880000
5590-86-3	See: HO8675000
*5591-33-3	See: NT1998000
*5591-43-5	See: JI4660000
5591-45-7	See: XO1400000
*5591-57-1	See: GU3514500
5591-70-8	See: UQ6125000
*5593-20-4	See: TU4038000
*5593-70-4	See: XR1585000
*5598-13-0	See: TG0700000
*5598-52-7	See: TC5450000
5600-21-5	See: UV6329600
5605-45-8	See: GU3510800
5606-24-6	See: XY5852000
5608-00-4	See: UH4425500
5608-25-3	See: WH0205000
5610-35-5	See: TM9450000
*5610-40-2	See: VS4115000
*5610-59-3	See: LS9340000
*5611-51-8	See: TU3930000
5615-06-5	See: XO1605900
5623-18-7	See: DG2800000
*5625-90-1	See: QE6125000
5625-99-0	See: TD3150000
*5626-16-4	See: HQ4260000
5628-90-0	See: FD9785000
*5628-99-9	See: CM8938000
*5632-47-3	See: TM2450000
5632-52-0	See: YE1127000
*5633-14-7	See: MA4030000
5633-25-0	See: MJ4450000
*5634-34-4	See: XH4375000
*5634-37-7	See: FF8925000
*5634-39-9	See: JI1800000
5634-42-4	See: EX1360000
5635-75-6	See: UY5450000
5636-83-9	See: UT0800000
*5637-83-2	See: XZ1260000
5638-46-0	See: RP5787500
*5638-76-6	See: UT5552000
5638-85-7	See: NL7857000
5653-62-3	See: DI4355000
*5653-80-5	See: MJ6000000
5657-19-2	See: MC0555300
5659-09-6	See: VB1122000
5660-50-4	See: JI1400000
5660-52-6	See: JI1750000
5660-53-7	See: JI1925000
5663-71-8	See: VN6825000
5663-96-7	See: RI2725000
*5665-94-1	See: FI1400000
5667-03-8	See: DL0675000
*5667-20-9	See: AU6300000
*5669-14-7	See: MW5158000
*5669-17-0	See: MW5258500
5675-31-0	See: UD5075000
5675-57-0	See: GQ4725000
5676-58-4	See: DM4821600
5683-33-0	See: US9200000
*5684-13-9	See: SF7300000
5684-31-1	See: RP5400000
5687-22-9	See: HN6475000
5688-65-3	See: HP3081500
5688-80-2	See: SI2285000
5689-59-8	See: AB4309000
5689-72-5	See: JH2100000
5693-95-8	See: MA5500000
5694-65-5	See: JH7410000
*5694-72-4	See: JH8400000
5694-74-6	See: JH8575000
5694-75-7	See: JH8750000
5694-76-8	See: JH8925000
5694-77-9	See: JH9450000
5694-78-0	See: JH9625000
5694-80-4	See: JH9800000
5694-81-5	See: JI0175000
5694-83-7	See: JI0700000
5694-85-9	See: JI0875000
5694-99-5	See: JI3675000
5696-06-0	See: MU2100000
*5696-17-3	See: DW0900000
5697-50-7	See: FB0700000
5697-55-2	See: ON9135000
5697-56-3	See: RK0200000
5697-60-9	See: KQ8560000
5700-04-9	See: HM4093000
5700-94-7	See: ZF9900000
5702-40-9	See: JH1750000
5704-60-9	See: DO8720000
5705-15-7	See: MU9800000
*5707-69-7	See: NY2800000
*5709-67-1	See: DD9660000
*5709-68-2	See: DD9468500
*5709-69-3	See: DD8772000
5710-11-2	See: YT2880000
*5710-74-7	See: DG9879510
*5710-76-9	See: DG9879600
*5711-19-3	See: TP3922100
5711-59-1	See: RO0580000
5711-64-8	See: RO0670000
5711-72-8	See: RO0630000
5711-73-9	See: RO0640000
5711-75-1	See: RO0560000
5712-25-4	See: RQ5833400
*5712-49-2	See: TL0709700
5713-86-0	See: VB5200000
*5714-00-1	See: OB4180000
5714-12-5	See: DE6447000
*5714-22-7	See: WS4480000
5714-71-6	See: SB1750000
5714-72-7	See: KN4300000
5714-82-9	See: SN2670000
*5716-15-4	See: UR6000000
*5716-20-1	See: DN9205000
5720-05-8	See: XS7400000
5720-07-0	See: CY8975000
5721-94-8	See: UV0823000
*5723-63-7	See: TC0650000
5729-47-5	See: SB2120000
*5730-85-8	See: DU9000000
*5736-15-2	See: SM0750000
5736-49-2	See: PA4750000
5736-70-9	See: GO6890000
5736-85-6	See: CU7700000
5736-87-8	See: UH4424000
5739-85-5	See: JG7524000
5741-51-5	See: UB7565000
5743-04-4	See: AF7505000
5743-12-4	See: EV6520000
5743-18-0	See: EV6599500
5743-26-0	See: AF7875000
5745-14-2	See: SZ5980000
5745-22-2	See: SZ5990000
5746-86-1	See: RC8400000
5747-23-9	See: CY8990000
5748-26-5	See: FB2800000
*5749-78-0	See: UE1225000
5750-58-3	See: FL5250000
5752-04-5	See: WO8980000
5752-43-2	See: KV6770000
5754-24-5	See: JI0525000
5754-25-6	See: JI1050000
5754-91-6	See: NI9451000
*5756-69-4	See: XY2780000
5758-81-6	See: RC8918000
5759-58-0	See: XZ2730000
*5760-50-9	See: YQ2978800
5760-73-6	See: IE1400000
5760-99-6	See: UC6570000
5761-02-4	See: UC6550000
*5763-61-1	See: YX7355000
5766-48-3	See: TM6480000
5766-67-6	See: AM0100000
5766-68-7	See: AL9700000
5766-70-1	See: AL7830000
5766-74-5	See: SM0900000
5766-75-6	See: UX2000000
5766-76-7	See: CB2555000
5766-79-0	See: XV1225000
5767-20-4	See: JM5550000
5767-53-3	See: GP3600000
5768-10-5	See: GV8650000
5769-02-8	See: JP1170000
5769-10-8	See: GX1771000
5770-28-5	See: XH5200000
5770-30-9	See: XH5910000
5774-35-6	See: SY9370000
5774-39-0	See: SZ5820000
5774-46-9	See: SZ1680000
5775-96-2	See: UQ8962000
5775-97-3	See: UQ8965000
5776-39-6	See: AR9810000
*5776-72-7	See: SL0560820
*5776-76-1	See: SL1944770
*5778-17-6	See: UW4900000
5778-55-2	See: GU3560850
5778-57-4	See: GU3560820
5779-05-5	See: XH5623300
5779-18-0	See: RB8350000
*5779-79-3	See: CU1575000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*5781-51-1	See: NJ0607500
5782-21-8	See: NL5160900
5782-30-9	See: UY7352600
5782-83-2	See: XI2285000
5782-90-1	See: AR9545000
5782-95-6	See: AR9536000
5782-96-7	See: GU3518000
5782-97-8	See: GU3550000
5784-52-1	See: RB8250000
5784-96-3	See: UX9458000
5785-66-0	See: PC1950000
*5786-21-0	See: HP1750000
5786-68-5	See: VC2515000
5786-77-6	See: BA7200000
5787-05-3	See: EI3175000
*5787-73-5	See: MQ4900000
5788-46-5	See: UR6065000
5789-70-8	See: EM6000000
5790-34-1	See: UA9300000
5790-40-9	See: UB7576000
5790-90-9	See: DM5265000
5790-91-0	See: DM5257500
5791-00-4	See: DM3750000
5794-23-0	See: TM6310000
5796-14-5	See: AY5775000
5796-31-6	See: YM2785000
5798-10-7	See: HM0438200
5798-11-8	See: SO2520000
5798-13-0	See: HM0439000
5798-14-1	See: HM0438700
5798-15-2	See: SP0950000
*5798-79-8	See: AL8050000
5800-19-1	See: HQ2275000
5803-30-5	See: UH0530000
5803-62-3	See: CB7380000
5803-76-9	See: QJ9395000
5803-79-2	See: QJ9385000
5804-92-2	See: KS0300000
5805-76-5	See: DD8950000
*5806-84-8	See: EB2985500
5807-02-3	See: QD6650000
5807-09-0	See: QD9100000
5807-56-7	See: NX0710000
5807-94-3	See: BS2450000
5807-98-7	See: RP9625000
*5809-59-6	See: EM8225000
*5810-86-6	See: KH6400000
5810-88-8	See: TD5075000
5813-25-2	See: NK5720000
5813-72-9	See: SD8940000
*5813-89-8	See: XM8290000
*5814-20-0	See: CI0525000
5814-44-8	See: DP4033000
5819-93-2	See: PA4550000
5822-57-1	See: FH4770100
5823-09-6	See: VC3542250
5823-10-9	See: BR4705000
5823-11-0	See: TE7380000
5823-13-2	See: TF2046000
5823-17-6	See: TD5150000
5823-20-1	See: TD5500000
*5823-25-6	See: MC5420000
*5823-29-0	See: TC1257000
5825-79-6	See: KK3500000
*5826-73-3	See: RB8925000
5826-85-7	See: TF9275000
*5826-91-5	See: TF5650000
5827-03-2	See: EZ4725000
5827-04-3	See: EZ4900000
5827-05-4	See: TE4200000
5830-30-8	See: MN7950000
*5831-08-3	See: GY5685000
*5831-09-4	See: GY5675000
*5831-10-7	See: GY5670000
*5831-11-8	See: GY5703000
*5831-12-9	See: GY5690000
*5831-16-3	See: GY5680000
*5831-17-4	See: GY5706000
*5834-17-3	See: HP4900000
*5834-25-3	See: AB6100000
*5834-81-1	See: OW4100000
5834-84-4	See: WM3450000
*5834-96-8	See: TE8100000
5834-97-9	See: AS2450000
5836-04-4	See: PC4895000
*5836-10-2	See: DD2450000
5836-23-7	See: LQ2800000
5836-28-2	See: UX7100000
*5836-29-3	See: GN7630000
5836-40-8	See: TF7875000
*5836-73-7	See: XX9625000
*5836-85-1	See: GY5745000
*5837-17-2	See: GY5650000
5839-57-6	See: GU3520000
*5840-95-9	See: FA3325000
5842-06-8	See: KJ1070000
5842-07-9	See: KJ0875000
5842-08-0	See: KJ0490000
5842-09-1	See: KJ0750000
5842-11-5	See: KJ0450000
*5843-53-8	See: SH0683700
*5843-54-9	See: SI1870000
*5843-55-0	See: LV0282000
*5843-56-1	See: LU9740000
*5843-57-2	See: LV0281000
*5843-58-3	See: LU9776800
*5843-82-3	See: CK2820000
*5847-48-3	See: WH8278000
*5847-52-9	See: WH6793000
5851-44-5	See: DD6310000
5851-46-7	See: DE0350000
5853-05-4	See: HA4900000
5853-29-2	See: FJ9450000
*5854-93-3	See: UE6490000
5854-98-8	See: GE5076000
5857-37-4	See: OV9850000
5857-94-3	See: OY2350000
5862-32-8	See: OX6600000
*5862-53-3	See: JP1183200
*5863-31-0	See: SH0683300
*5863-35-4	See: UY1348500
*5868-05-3	See: QT1980000
*5868-06-4	See: YM3770000
*5868-18-8	See: CE0340000
5870-29-1	See: GY2450000
5870-82-6	See: EK7000000
5871-31-8	See: DL0350000
5872-49-1	See: CI9465000
5872-56-0	See: UY2512000
5872-71-9	See: UY2513000
*5874-97-5	See: DO2275000
5875-28-5	See: XK8560000
5877-16-7	See: KL8100000
*5878-19-3	See: UC2988600
5878-61-5	See: XH5090000
5882-48-4	See: SL1850000
5883-05-6	See: GV7500000
5890-18-6	See: RB5935000
5890-93-7	See: SL5460000
5892-18-2	See: EV6550000
*5892-41-1	See: MB9640000
*5892-48-8	See: CF8750000
*5894-60-0	See: VV4260000
5897-16-5	See: GV7175000
*5902-51-2	See: YQ9360000
5902-52-3	See: TB4900000
5902-89-2	See: AG2800000
*5902-76-1	See: OW6650000
*5902-78-3	See: TB1665000
*5902-79-4	See: OW4200000
*5902-92-1	See: FG1050000
*5902-97-6	See: PA2630000
5903-05-9	See: TG7050000
*5903-13-9	See: AC2700000
5903-23-1	See: QJ9475000
*5905-52-2	See: QD5525000
5906-35-4	See: CM3165000
*5908-89-4	See: YM6037000
5910-75-8	See: JP6650000
*5910-77-0	See: YL7200000
*5910-85-0	See: MI5210000
5910-89-4	See: UQ2625000
*5912-86-7	See: SL7877000
5913-06-4	See: DD1980000
5913-19-9	See: GN6700000
*5913-76-8	See: QD1320000
*5915-41-3	See: XY4550000
*5918-33-2	See: SG9650000
*5918-93-4	See: NJ4900000
5923-39-7	See: RN6816000
5923-43-3	See: FE2760000
5926-26-1	See: VV2625000
*5928-69-8	See: QE3020000
*5929-01-1	See: DJ7875000
*5929-07-7	See: UV7000000
5929-09-9	See: BO7180000
5929-67-9	See: TA0175000
5932-18-3	See: UQ6460000
*5932-68-3	See: SL7876000
5933-32-4	See: DG4449250
5933-33-7	See: CB3710000
*5934-20-3	See: SO5425000
5934-55-4	See: NH6730000
5936-28-7	See: MU6125000
*5937-29-1	See: YM3540000
5940-07-8	See: AF3325000
5942-95-0	See: HO0875000
5943-04-4	See: WR5600000
5945-40-4	See: CO4853000
5947-63-7	See: TJ9380000
5948-04-9	See: OT0310000
5949-18-8	See: GD4200000
*5949-29-1	See: GE7810000
5949-66-6	See: AR7394000
5950-69-6	See: DU7989000
5952-41-0	See: AH3535000
5952-42-1	See: AH3531000
5954-10-9	See: TF5120000
5954-30-7	See: TE6125000
*5954-90-5	See: TB1700000
5955-75-9	See: AM9550000
*5957-32-4	See: GL6127800
*5957-75-5	See: HP8400000
*5959-42-2	See: DN3160000
*5959-52-4	See: GL1400000
*5959-56-8	See: GL3342000
*5959-86-4	See: QT3010000
*5964-24-9	See: OW3780000
5964-79-4	See: GN0700000
5965-13-9	See: QD1729000
5965-14-0	See: GG7875000
*5965-40-2	See: DG0970000
5965-49-1	See: UC2980000
5965-87-7	See: DP2845000
5966-51-8	See: UA7370000
*5967-09-9	See: JN8740000
5967-42-0	See: SI3500000
5967-52-2	See: DN4725000
*5967-60-2	See: SC1400000
*5967-73-7	See: MJ6475000
5967-82-8	See: XM3900000
*5968-79-6	See: TI3696500
5969-39-1	See: SH5460000
5969-94-8	See: TD8100000
*5970-32-1	See: OX0300000
5970-45-6	See: ZG8750000
5973-83-1	See: OB5600000
5974-19-6	See: BO6475000
5975-73-5	See: LS9750000
5976-47-6	See: UD4725000
5977-01-5	See: XU1580500
5977-02-6	See: XU1588000
5977-03-7	See: DG4418900
5977-34-4	See: XU1586000
*5977-35-5	See: XU1594000
5977-36-6	See: XU1590000
*5978-63-2	See: UV1177000
*5978-64-3	See: WM7765000
*5978-92-7	See: QL2200000
5980-33-6	See: GN7570000
5980-86-9	See: OV9420000
5982-97-8	See: YT2400000
*5984-50-9	See: MP9800000
5984-59-8	See: MQ5075000
*5984-95-2	See: DO1926000
5985-04-6	See: JI4870000
5985-28-4	See: DO7700000
5985-35-3	See: QD1888200
5986-06-1	See: VS4000000
*5986-38-9	See: RG5905000
*5987-82-6	See: DG1502900
5987-91-7	See: OM9350000
5988-51-2	See: KK7175000
5988-76-1	See: RC6160000
*5989-27-5	See: GW6360000
*5989-54-8	See: OS8350000
5989-77-5	See: KE8000000
5991-40-2	See: UY4565000
*5993-41-9	See: DD6386000
5993-97-5	See: UV1161500
5996-03-2	See: FH5415100
6000-43-7	See: MC0560000
6000-44-8	See: MC1100000
6000-74-4	See: GM9006000
6000-82-4	See: BA7050000
6001-87-2	See: UE9275000
6002-77-3	See: SP1200000
*6004-24-6	See: UU5075000
*6004-71-3	See: RB6965800
6004-98-4	See: TM3150000
6008-82-8	See: JP1055000
6008-83-9	See: JP1060000
6009-02-5	See: XJ7050275
*6009-67-2	See: DF7890000
6009-77-4	See: TV5346000
*6009-81-0	See: QC8620000
6009-97-8	See: XU1592000
*6011-14-9	See: MC1950000
6011-62-7	See: N5192e000
6012-83-5	See: DC7700000

BEST COPY AVAILABLE

CAS No.	RTECS No.
6012-92-6	See: VI8050000
*6012-97-1	See: XN0350000
6013-05-4	See: GD8600000
6013-62-3	See: HA4800000
*6018-32-2	See: CF8925000
6018-73-1	See: QP9100000
6018-79-7	See: DW2976000
*6018-84-4	See: DG1950000
6018-89-9	See: QR6126000
6020-54-8	See: XJ4125000
6022-33-9	See: LQ3675000
*6023-26-3	See: AL0175000
6024-81-3	See: KF4025000
6024-83-5	See: DR9830000
6024-85-7	See: DR9840000
6027-00-5	See: KR8830000
*6027-23-2	See: SL1225000
6027-28-7	See: AN2975000
6027-95-8	See: DO9900000
6027-98-1	See: MG8750000
6028-02-0	See: MG9510000
6028-07-5	See: UV1047000
6028-61-1	See: UK3870000
6029-84-1	See: VJ7600000
6029-87-4	See: RC1300000
6030-03-1	See: XU6475000
*6030-80-4	See: KD7875000
*6032-29-7	See: SA4900000
6033-07-4	See: BR4690000
6033-13-2	See: YD3325000
6033-16-5	See: MI7525000
6034-57-7	See: AR5970000
6034-59-9	See: AR9700000
6035-39-8	See: UB1495000
*6035-40-1	See: QN5600000
6035-47-8	See: PB0390000
*6036-25-5	See: QH4725000
6036-95-9	See: UT1050000
6037-23-6	See: DO1155000
*6042-36-0	See: IE1320000
6044-68-4	See: UC8500000
6045-39-2	See: KF3850000
6045-59-6	See: KE7650000
6046-53-3	See: IH2070000
*6046-93-1	See: AG3500000
6047-01-4	See: HA4200000
6047-17-2	See: UF8400000
*6047-24-1	See: OD5575000
6048-29-9	See: TA2400000
6050-25-5	See: LQ3200000
*6050-81-3	See: BR6954000
6051-87-2	See: QL6200000
*6052-53-5	See: EM9257000
6054-36-0	See: UU7400000
*6054-69-9	See: XF6828500
6055-48-7	See: TX4100000
*6055-90-9	See: QN5605000
6056-11-7	See: UU8400000
6058-39-5	See: CQ0460500
6058-57-7	See: NI3550000
*6059-17-2	See: VO1625000
*6062-26-6	See: ES8750000
6063-40-7	See: BW7130000
6064-83-1	See: VO2770000
6065-01-6	See: RA9450000
6065-03-8	See: RA9100000
6065-04-9	See: RA8925000
6065-05-0	See: RA8750000
6065-07-2	See: RH2975000
6065-08-3	See: RH2800000
6065-09-4	See: RH2625000
6065-10-7	See: RH2450000
6065-11-8	See: RH2275000
6065-12-9	See: MJ9625000
6065-13-0	See: MJ9275000
6065-14-1	See: MJ9100000
6065-16-3	See: MP7175000
*6065-17-4	See: MP7000000
6065-18-5	See: SB2450000
6065-19-6	See: SB2275000
*6066-49-5	See: TI3692000
6068-85-5	See: BS1160000
6072-08-8	See: KE8400000
*6074-15-3	See: FG2180000
6075-11-2	See: SA8575000
6076-04-6	See: NY2754000
6078-59-7	See: FH5415000
*6080-56-4	See: OF8050000
6082-56-0	See: UQ8520000
*6085-94-5	See: XZ4095000
6087-73-6	See: HP8130000
6089-09-4	See: SC4751000
*6090-79-5	See: VO2100000
6091-11-8	See: TJ2360000
6091-41-4	See: TL3500000
*6091-44-7	See: TN0400000
6092-18-8	See: LQ0900000
6094-61-7	See: RO0270000
*6098-44-8	See: NC3420000
*6098-46-0	See: NC3020000
6099-90-7	See: SY1225000
*6099-95-2	See: CB3900000
6100-05-6	See: TS8300000
*6101-17-3	See: WM4770000
6101-31-1	See: WP1150000
6103-42-0	See: UY5910000
6103-46-4	See: UY5786000
6103-52-2	See: UY5935000
6103-55-5	See: UY5780000
6103-61-3	See: UY5747000
6103-76-0	See: UY5880000
6103-78-2	See: UY5743000
6103-81-7	See: UY5795000
6103-83-9	See: UY5850100
6104-30-9	See: YT5300000
6105-75-5	See: QD7400000
6106-46-3	See: VR4550000
6108-05-0	See: AN7700000
6109-70-2	See: VD6198000
*6109-97-3	See: FE3675000
6110-60-7	See: TI4010000
6110-67-4	See: RO0383000
*6111-78-0	See: CX2275000
6112-39-6	See: DL7100000
*6112-76-1	See: UP0400000
6112-86-3	See: TM7132500
6113-04-8	See: BP7560000
6114-26-7	See: SL8575000
6115-97-5	See: DF6475000
6116-75-2	See: NM3280000
*6117-91-5	See: EM9275000
*6119-92-2	See: GQ5775000
6119-96-6	See: TD8450000
*6120-10-1	See: ZE7250000
6122-46-9	See: UY5763000
6122-51-6	See: UY5890000
6128-29-6	See: LX3220000
*6130-64-9	See: XH9450000
6130-87-6	See: XF7000000
6130-92-3	See: TM4290000
*6130-93-4	See: TN2145000
*6131-38-0	See: PC4958000
6132-17-8	See: TC2010000
6134-57-2	See: SA3360000
6136-37-4	See: ZD8575000
6137-08-2	See: RH1530000
6138-32-5	See: YE2900000
*6138-56-3	See: US2950000
6138-58-5	See: DD6685000
6139-73-7	See: UQ8155000
6140-18-7	See: BO1575000
6142-38-7	See: UE1925000
6142-55-8	See: CM4075000
6146-52-7	See: NM1168200
*6147-53-1	See: AG3325000
6150-97-6	See: PB2020000
*6151-25-3	See: LK8950000
*6151-30-0	See: AR7876000
6152-43-8	See: KQ7600000
6153-65-7	See: QI8150000
6154-30-9	See: NI4750000
6155-57-3	See: DE4375000
6156-47-4	See: AU1577500
*6156-78-1	See: AI5775000
6159-12-2	See: TZ1150000
6159-35-9	See: MQ5500000
6159-39-3	See: TM9200000
*6159-55-3	See: UY9454000
6160-12-9	See: WG6370000
6160-32-3	See: WK5045000
*6161-78-0	See: TC0270000
6161-86-0	See: KM3400000
6162-38-5	See: ED2500000
*6163-66-2	See: EQ2230000
6164-47-2	See: UL2000000
*6164-98-3	See: LQ4375000
6165-01-1	See: UP0250000
6165-76-0	See: XT7300000
6168-86-1	See: MP9625000
6168-88-3	See: AM9482500
*6169-12-6	See: WM9540000
6170-25-8	See: UG7360000
6170-27-0	See: DN8050000
*6175-45-7	See: MD3284000
6182-00-9	See: ME8560000
6186-11-4	See: FD7475000
*6186-91-0	See: UC7700000
6187-24-2	See: MJ9450000
*6188-02-9	See: CB3590000
6188-45-0	See: NJ5225000
6188-63-2	See: UB6400000
6188-78-9	See: WM7760000
6189-00-0	See: PC4200000
6190-25-6	See: VR1225000
*6190-33-6	See: DR9867500
*6191-22-6	See: YV4425000
*6191-56-6	See: CE0710000
6192-13-8	See: AI9700000
6192-29-6	See: XH9200000
6192-44-5	See: KM0525000
6192-95-6	See: GV2000000
6192-96-7	See: GV1925000
6192-98-9	See: GV1750000
6195-37-5	See: AE1180000
6198-57-8	See: YX1500000
6199-67-3	See: RC6190000
6200-59-5	See: NJ5442000
6200-60-8	See: NJ5468000
*6202-23-9	See: HP0875000
*6202-26-2	See: WJ6968000
6203-26-5	See: SZ9470000
6203-95-8	See: UV6325000
6205-09-0	See: UG5750000
6208-08-8	See: XJ2975000
*6209-65-0	See: EK7879100
6209-75-2	See: GU8690000
6211-59-2	See: XN0180000
6212-97-1	See: UY5899900
6212-98-2	See: UY5830000
6217-61-4	See: UV9135000
6225-06-5	See: YV4350000
6225-24-7	See: UY5800100
6227-52-7	See: RU4736000
6228-44-0	See: MN7750000
6229-22-7	See: CV5620000
6229-94-3	See: UY5870000
6230-82-6	See: TA2410000
6237-24-7	See: AR9243000
6238-69-3	See: NS6156000
*6240-55-7	See: QJ3675000
6241-27-6	See: YS9360000
6241-46-9	See: KV2900000
6244-54-8	See: OO7700000
6245-99-4	See: EK3859900
6246-57-7	See: FH5075500
*6246-81-7	See: DW0798000
6247-39-8	See: CA8600000
6247-46-7	See: JE2100000
6247-66-1	See: RG5360000
6249-56-5	See: BP3850000
6249-65-6	See: BR1820000
6250-27-7	See: TM6650000
6250-76-6	See: VQ2895000
*6251-64-5	See: FH4919000
*6251-69-0	See: TU5023000
*6257-64-3	See: BW7449000
6258-06-6	See: CB1090000
6259-19-4	See: DD1750000
6263-38-3	See: YT4985000
6264-33-1	See: NL2470000
*6264-93-3	See: GU3828300
6265-26-5	See: SA5775000
*6266-40-6	See: UU3874220
6266-42-8	See: SI2320000
6266-58-6	See: NP2900000
6267-56-7	See: SH7800000
6267-58-9	See: SH7750000
*6268-32-2	See: YT9730000
6268-98-0	See: UW5600000
*6269-93-8	See: CY4900000
6270-45-7	See: CQ5100000
6271-07-4	See: JI4725000
6271-40-5	See: QL9450000
6272-46-4	See: HQ7090000
6272-74-8	See: UU5203000
6272-91-9	See: NX0875000
*6272-97-5	See: SH6900000
6273-02-5	See: SH6800000
6273-17-2	See: UM8925000
6273-69-4	See: VC3968500
*6273-75-2	See: SI7000000
6274-93-7	See: UM3675000
*6275-02-1	See: DA0513500
*6275-69-0	See: CV6580000
6276-12-6	See: UZ1250000
6276-13-7	See: UZ1100000
6276-62-6	See: DK5075000
6277-02-7	See: YV8640000
6278-48-4	See: SZ2670000
6280-12-2	See: RQ3550100

BEST COPY AVAILABLE

CAS No.	RTECS No.
*6280-15-5	See: MA2800000
6280-16-6	See: OD1925000
6280-64-4	See: AF8925000
*6280-75-7	See: KV2800000
*6281-23-8	See: LT8566000
6281-50-1	See: AL8350000
6281-57-8	See: YS0175000
6281-58-9	See: VB3329000
6281-59-0	See: UW3150000
6281-61-4	See: YS1750000
6281-64-7	See: YS0350000
6281-66-9	See: UW4375000
6281-67-0	See: UW4550000
6281-68-1	See: UW2100000
6281-70-5	See: UW0517000
6281-71-6	See: YR9275000
6281-73-8	See: YT4200000
6281-77-2	See: SB3925000
*6281-83-0	See: AM9662600
*6281-93-2	See: QT2999000
6281-94-3	See: LQ3325000
6282-00-4	See: LQ2625000
*6283-04-1	See: UE4529050
*6283-24-5	See: OV5550000
6283-25-6	See: BX1500000
6283-63-2	See: SS9625000
6284-09-9	See: UE3400000
6284-15-7	See: JH4382000
6284-49-7	See: AB7080000
*6284-81-7	See: MD3500000
6284-83-9	See: CZ7890000
6285-05-8	See: UG9275000
*6285-06-9	See: SC4857000
6285-17-2	See: VB4650000
6285-34-3	See: OB1802000
6285-35-4	See: QM0500000
6285-37-6	See: VA9795000
6286-30-2	See: MW5135000
6286-82-4	See: CO1749000
6286-97-1	See: AR7695000
6288-10-4	See: AS6125000
6288-63-7	See: DP2890000
*6288-93-3	See: UO9082000
6289-14-1	See: LQ4560000
6289-19-6	See: FD8891000
*6289-40-3	See: GU7726500
6289-64-1	See: GU6475000
6290-07-9	See: JH1925000
6290-35-3	See: UB8925000
6290-92-2	See: UM9800000
6291-30-1	See: CU6130000
6291-31-2	See: BQ3200000
6291-85-6	See: UI2700000
*6292-55-3	See: AB9500000
6292-91-7	See: SI0610000
6293-53-4	See: EK5950000
6293-56-7	See: UT2970500
6293-68-1	See: NN6680000
6294-93-5	See: SK6040000
*6295-10-9	See: WR3850000
*6295-12-1	See: DF4725000
6295-15-4	See: XY7050000
6295-23-4	See: MB8490000
6295-53-0	See: BR0700000
6295-57-4	See: AF4725000
*6296-45-3	See: EZ2100000
6297-19-4	See: VT3280000
6297-32-1	See: VT2980000
6299-72-5	See: CU5240000
6301-06-0	See: JH7525000
6301-24-2	See: RQ5250000
6301-25-3	See: RQ5425000
6303-03-3	See: AJ6825000
6304-27-4	See: US9300000
*6304-33-2	See: AT7100000
6305-01-7	See: NJ4725000
6305-40-4	See: UC1760000
6305-43-7	See: EK2850000
6305-45-9	See: AI3550000
*6306-14-5	See: NL3525500
6306-39-4	See: CZ4900000
6306-71-4	See: EY8590000
*6306-96-3	See: CH4725000
*6307-51-3	See: CY5600000
*6308-85-6	See: TL1352000
6309-68-8	See: NR3570000
6309-71-3	See: NR3750000
6309-72-4	See: NR3640000
6314-22-3	See: UX9356500
6315-89-5	See: BX4550000
6316-86-5	See: WQ5700000
6317-18-6	See: XL1560000
6317-35-7	See: UF7175000
6318-37-2	See: XJ6250000
*6318-57-6	See: CF9520000
6318-74-7	See: XJ2450000
6319-42-2	See: UM1575000
6319-47-7	See: VI8520000
*6320-10-1	See: EV6565000
6322-83-4	See: AF4900000
6323-46-2	See: UW5950000
*6325-54-8	See: CW0960000
6325-93-5	See: DB2975000
*6326-27-8	See: XS4805000
6326-77-8	See: MU0675000
6328-87-6	See: OH3150000
6328-90-1	See: CI9100000
6329-07-3	See: MS3150000
6329-74-4	See: VN7000000
6332-22-5	See: AM5980000
6332-68-9	See: CQ8800000
*6334-11-8	See: BZ1050000
6334-30-1	See: SN1050000
6334-87-8	See: NR3600000
6335-43-9	See: DT7704700
6336-01-2	See: YS4080000
6336-12-5	See: OV6650000
6338-09-6	See: CB7875000
6340-36-9	See: BR8350000
*6341-97-5	See: SK8925000
6343-37-9	See: RP0875000
6343-76-6	See: LQ4555000
6343-89-1	See: BQ3800000
6344-58-7	See: NC3420300
*6345-25-1	See: UN1840000
*6358-29-8	See: QJ6476000
*6358-31-2	See: EJ3645000
*6358-53-8	See: QL3675000
6358-64-1	See: BX1225000
6358-69-6	See: UR2700000
*6358-85-6	See: AK4580000
6361-21-3	See: CU5220000
6361-95-1	See: YU1500000
6362-63-6	See: UZ0875000
6362-79-4	See: DB6030000
6363-63-9	See: FL5075000
6365-83-9	See: SK0525000
*6366-20-7	See: CW9625000
*6366-23-0	See: CW0760000
*6366-24-1	See: CW0980000
6367-70-0	See: ES6500000
*6368-72-5	See: QM2850000
*6369-59-1	See: XT0524000
*6370-43-0	See: RJ7190000
6372-44-7	See: SY8400000
6373-20-2	See: JE2315550
6373-46-2	See: BW7615000
*6373-74-6	See: DB5042500
6374-73-8	See: CB5730000
*6375-16-2	See: AD8580000
*6375-55-9	See: DV3910000
6376-26-7	See: CV7525000
6376-50-7	See: QJ0934500
6377-14-6	See: CE1055000
*6377-18-0	See: FL7350000
*6378-65-0	See: MO8385000
6379-37-9	See: PA2800000
*6379-46-0	See: CZ7900000
6379-54-0	See: HE0350000
6379-55-1	See: YD4590000
6379-56-2	See: NG8859000
*6379-69-7	See: YD0175000
6379-72-2	See: CZ7050000
*6380-21-8	See: SM8575000
6380-24-1	See: CZ7100000
6381-33-5	See: HM0437800
6382-37-2	See: CU8701000
6382-49-6	See: CU8700200
6382-50-9	See: CU8700800
6382-51-0	See: CU8700300
6382-52-1	See: CU8700400
6385-02-0	See: CB2975500
6385-58-6	See: SN0700000
6385-60-0	See: RN8800000
6386-63-6	See: AF9240000
*6388-74-5	See: CZ9920000
*6392-46-7	See: FB8400000
6393-42-6	See: XU6100000
6394-73-6	See: QJ0933000
6394-75-8	See: QJ0910000
6394-76-9	See: QJ0915000
6396-07-2	See: TB6100000
6405-80-7	See: WP3898000
6410-10-2	See: QL4510000
*6411-75-2	See: MQ5600000
*6412-75-5	See: TB8448000
6413-13-4	See: JI3950000
6413-28-1	See: JH4725000
6414-38-6	See: QD1727000
*6416-57-5	See: ST2900000
6416-68-8	See: DB7180000
6420-06-0	See: QK2250000
6420-47-9	See: SK0877000
6422-32-8	See: BS8700000
*6422-43-1	See: KK5775000
*6422-84-0	See: WZ1223700
6422-86-2	See: WZ0883500
*6423-43-4	See: TY6300000
*6423-72-9	See: PA1800000
*6424-04-0	See: KG5998000
6424-76-6	See: JE2315580
6425-11-2	See: QE7395000
6425-41-8	See: QE0670000
6425-41-8	See: QE0640000
*6427-21-0	See: NQ9240000
6427-70-9	See: BO8500000
*6429-04-5	See: NX5070700
6434-27-1	See: RB8325000
6434-28-2	See: RB8680000
*6436-04-0	See: TE3300000
*6436-05-1	See: TE0175000
6439-39-0	See: VV4075000
*6441-77-6	See: LM5820000
*6443-40-9	See: AD1010000
6448-90-4	See: CB6790000
6449-52-1	See: VV3595000
6451-73-6	See: DR9808600
6452-54-6	See: TY2720000
*6452-62-6	See: WH8629000
6452-64-8	See: FB9850000
*6452-71-7	See: UA5270000
*6452-73-9	See: UA5277000
6452-83-1	See: UX2200000
*6452-87-5	See: DV7550000
6454-27-9	See: JI4610000
*6459-94-5	See: QJ6475500
*6460-75-9	See: QF2290000
*6460-76-0	See: MA2275290
*6460-77-1	See: CM3380000
*6460-79-3	See: WM3407600
*6460-80-6	See: MA2840000
*6460-94-2	See: MA0860000
*6460-95-3	See: MA0870000
*6460-99-7	See: MA2275280
*6461-02-5	See: WM3407500
6461-99-0	See: DI4950000
6466-01-9	See: XH3854500
6466-10-0	See: XH5093900
6466-11-1	See: XH6747500
6466-12-2	See: XH5158000
6466-13-3	See: XH5093500
6466-14-4	See: XH6496000
6466-15-5	See: XH6497200
6466-20-2	See: XH5155000
6466-22-4	See: XH5145000
6466-23-5	See: XH5140000
6466-29-1	See: XH6755000
6466-30-4	See: XH6747000
6466-31-5	See: XH6400000
6468-66-2	See: DJ2521500
6468-67-3	See: DJ2521000
6468-68-4	See: DJ2520500
6468-71-9	See: DJ2523500
6468-72-0	See: DJ2522000
6468-73-1	See: DJ2261000
6468-74-2	See: DJ2262500
6468-75-3	See: DJ2261500
6468-76-4	See: DJ2262000
6468-77-5	See: DJ2300000
6468-78-6	See: DJ2315000
6468-99-1	See: DJ2523000
6469-00-7	See: DJ2522500
6469-93-8	See: XO0610000
*6471-49-4	See: QJ1897000
6472-88-4	See: UY5840000
6474-85-7	See: ET5980000
*6475-05-4	See: WK7150000
6476-12-6	See: OB1225000
*6483-64-3	See: JE2300000
*6484-52-2	See: BR9050000
*6485-34-3	See: DE4250000
*6485-40-1	See: OS8650000
*6485-91-2	See: VV2100000
6490-96-6	See: VN7865000
6490-98-8	See: VN8000000
6490-99-9	See: VN7970000
6491-02-7	See: VN7900000
*6493-05-6	See: XH2475000
6493-28-3	See: XH6493500
6493-29-4	See: XH5058000

BEST COPY AVAILABLE

CAS No.	RTECS No.
6493-36-3	See: XH6748000
6493-37-4	See: XH5159000
6493-39-6	See: XH3865000
6493-40-9	See: XH5059000
6493-41-0	See: XH5913000
6493-42-1	See: XH5093550
6493-43-2	See: XH6497000
6493-44-3	See: XH6497500
6493-45-4	See: XH6497700
6493-46-5	See: XH6487300
6493-47-6	See: XH6746000
6496-56-6	See: UY1660000
6503-65-7	See: AM5977500
6504-77-4	See: UO3325000
6505-75-5	See: VN7935000
6505-98-2	See: EU4745000
*6506-37-2	See: QE7400000
*6507-73-9	See: US4130000
*6507-92-2	See: UY2633000
*6509-08-6	See: ET9900000
*6512-83-0	See: DG9600000
6514-52-9	See: NK3935000
6514-53-0	See: NK4390000
*6514-54-1	See: AB7234100
6514-55-2	See: NK3860000
6514-85-8	See: AR9244000
6515-09-9	See: UU0700000
6515-69-1	See: DF2370000
6516-21-8	See: YT9120000
6520-54-3	See: NK4385000
6520-56-5	See: NK3980000
6520-57-6	See: NK4420000
6520-58-7	See: NK3945000
6520-59-8	See: NK3865000
6520-60-1	See: NK4405000
6520-63-4	See: NK3955000
6520-65-6	See: NK3880000
6520-70-3	See: YS9870000
6520-73-6	See: YT9110000
6520-76-9	See: YT9127000
6520-77-0	See: YS9875000
*6521-29-5	See: DH2555000
*6522-21-0	See: XI1225000
6522-86-7	See: QJ6415000
6525-13-9	See: QJ1035000
6525-14-0	See: QJ1030000
6525-21-9	See: CU8700900
6525-22-0	See: CU8700600
6525-27-5	See: CU8700100
6525-29-7	See: CU8700500
6526-61-0	See: FD0588000
6530-09-2	See: VD4590000
6530-27-4	See: NC4902000
*6533-00-2	See: JF8225200
*6533-73-9	See: XG4000000
6536-18-1	See: UQ9200000
*6543-62-0	See: CY1205000
6545-97-7	See: BR3675000
*6547-08-6	See: DH4195000
6547-50-8	See: NK4425000
*6548-29-4	See: GD0196700
6550-57-8	See: HQ2000000
*6552-12-1	See: TC5100000
*6552-13-2	See: TC4985000
*6552-19-8	See: TB1660000
6552-21-2	See: TC1925000
6552-29-0	See: CL5491050
*6554-82-1	See: TD9850000
*6556-11-2	See: NM7535400
*6558-78-7	See: EZ1275000
6559-86-0	See: XH6497800
6559-88-2	See: XH3980000
6559-91-7	See: LV2476200
6565-70-4	See: VH2840000
6569-69-3	See: RO4380000
*6576-51-8	See: WZ7110000
*6577-41-9	See: TN4750000
*6580-41-2	See: CO4900000
6581-66-4	See: UQ0300000
6582-72-5	See: BR7260000
*6585-53-1	See: LJ9700000
*6587-45-7	See: TB0600000
6589-48-6	See: DO0535000
6589-55-5	See: DO9625000
*6592-02-5	See: TL0165000
6592-85-4	See: JI4920000
*6592-90-1	See: CQ4065000
*6596-50-5	See: LP9800000
6600-31-3	See: XF0800000
6601-20-3	See: YS7900000
6602-32-0	See: UU7705000
6605-93-2	See: CL5495350
6605-94-3	See: CL5495405
6605-95-4	See: CL5491000
6605-96-5	See: CL5495400
6605-97-6	See: CL5491900
6605-99-8	See: CL5495510
6606-00-4	See: CL5448000
6606-01-5	See: CL5495500
6606-02-6	See: CL5448500
6606-03-7	See: CL5495300
6606-04-8	See: CL5494510
6606-05-9	See: CL5494000
6606-06-0	See: CL5494500
6606-07-1	See: CL5492015
6606-09-3	See: CL5592000
6606-10-6	See: CL5583000
6606-16-2	See: CL5585500
6606-18-4	See: CP8400200
6606-20-8	See: CL5460000
*6607-45-0	See: WL4375000
*6607-49-4	See: KN5775000
*6607-53-0	See: WQ5600000
*6610-08-8	See: QK0175000
*6610-25-9	See: JX3874000
*6611-01-4	See: CM6785000
6616-05-3	See: XH5157000
6618-03-7	See: TP5160000
6620-54-8	See: MA0390000
*6620-60-6	See: MA2805000
*6623-41-2	See: ZE6650000
*6624-70-0	See: AV1500000
6626-08-0	See: SL1940000
*6626-32-0	See: SL3500500
6626-36-4	See: UB6580000
6626-40-0	See: DI2410000
6627-34-5	See: BX2950000
*6627-55-0	See: GO6868200
6628-56-4	See: UQ8925000
6628-64-4	See: OD5250000
6628-83-7	See: UP6475000
6628-90-6	See: UY0845000
*6629-04-5	See: EZ3480000
6630-05-3	See: YS2275000
6630-65-5	See: LL6930000
6631-87-4	See: BX1800000
6632-20-8	See: KN7350000
*6632-68-4	See: YQ8780000
6633-10-9	See: VC2350000
6634-18-0	See: AJ1575000
6634-97-5	See: RO4550000
6635-26-3	See: GY5946000
6635-73-0	See: EC1985000
6636-13-1	See: XT5640000
6636-78-8	See: UU7707000
6637-40-7	See: NX8450000
*6639-38-9	See: DV0875000
6639-47-0	See: XY9500000
*6639-99-2	See: KG6000000
6640-23-9	See: UW5825000
6642-31-5	See: YQ8755000
*6649-23-6	See: NJ5935000
*6652-04-6	See: TN2125000
6654-31-5	See: PB8500000
6655-72-7	See: DB8200000
6656-59-3	See: DG4448200
6656-60-6	See: DG0925000
6657-05-2	See: SK5790000
6659-45-6	See: VL1225000
6670-95-7	See: NX0720000
6672-69-1	See: HN8960000
*6673-35-4	See: AE4222000
6677-99-2	See: GM9002500
6680-44-0	See: QD9250000
*6681-18-1	See: CE0970000
6683-17-6	See: TR1510000
6687-74-7	See: VD3578000
6687-82-7	See: OO3742500
6687-86-1	See: VA9614500
6687-89-4	See: VD1250000
6688-81-9	See: QD1690000
*6696-47-5	See: RR0500000
*6696-54-4	See: CF9630000
6696-58-8	See: XW5500000
6699-09-8	See: QJ0677000
6699-10-1	See: QJ0665000
6699-11-2	See: MJ7178000
6699-12-3	See: QJ1392000
6699-13-4	See: QJ0761500
6699-14-5	See: QJ0607000
6699-15-6	See: QJ0943500
6699-16-7	See: QJ0713000
6699-17-8	See: QJ0939000
6699-18-9	See: QJ1381500
6700-56-7	See: CM2975000
6702-78-9	See: ZD5705500
6703-27-1	See: QD0960000
6705-02-8	See: CV5700000
*6707-60-4	See: JG7521400
6708-69-6	See: XY2975000
6711-48-4	See: JM1925000
6712-20-5	See: JP1160000
6712-60-3	See: DU1400000
*6714-29-0	See: NJ5098950
*6721-66-0	See: SH5631000
6722-45-8	See: UY1232000
6722-47-0	See: TN0200000
6723-40-6	See: NK6825000
*6724-53-4	See: TM7068000
*6728-21-8	See: PB1225000
*6728-26-3	See: MP5900000
*6732-77-0	See: YE2113440
6733-67-1	See: QJ0940500
6733-68-2	See: QJ1040000
6733-91-1	See: CQ6840000
6734-80-1	See: FC2150000
*6736-02-3	See: UU7700500
6736-44-3	See: MV7730000
*6740-88-1	See: GW1300000
6742-07-0	See: HA5600000
6742-12-7	See: UR0719000
*6746-11-8	See: MW5095000
6746-42-5	See: MA4375100
6746-59-4	See: QD0875000
6746-91-4	See: CK0160000
*6754-13-8	See: BD9630000
6761-59-7	See: TK8260000
6761-63-3	See: AM9812000
6761-64-4	See: AM9467500
6761-68-8	See: SL0950000
6774-15-8	See: EC1950000
6774-16-9	See: EC1940000
6774-17-0	See: EC2000000
6774-18-1	See: EC1960000
6774-20-5	See: EC1800000
6779-74-4	See: QJ0945000
6779-38-0	See: QJ1380500
6779-89-1	See: QJ0931500
6780-64-9	See: CU8702500
6781-05-1	See: EZ8743000
6783-73-9	See: SZ2980000
6784-25-4	See: WR4550000
*6784-51-6	See: SZ5785000
6785-70-2	See: QT7050000
6787-42-4	See: SZ2860000
6788-02-9	See: AK2900000
*6789-80-6	See: MP5940000
*6789-88-4	See: DH1490000
6795-16-0	See: LV1761000
*6795-23-9	See: GY1880000
*6795-60-4	See: RC8899550
6797-13-3	See: DM4823500
6797-16-6	See: DM4849200
6797-17-7	See: DM4848500
*6799-23-1	See: TU3801000
*6802-93-3	See: DW0875000
6802-95-5	See: CY1575105
6803-36-7	See: XK8825000
6803-40-3	See: XL1520000
6803-43-6	See: XK8835000
*6804-07-5	See: FE2779000
*6805-41-0	See: KF6296000
*6807-96-1	See: CB1750000
6808-72-6	See: LZ2830000
6809-93-4	See: OB1228150
6809-94-5	See: OB1228350
6809-95-6	See: OB1228050
*6809-97-8	See: OB1228200
*6810-26-0	See: NC3150000
*6813-89-4	See: OB1228400
6813-90-7	See: OB1228100
6813-91-8	See: OB1228290
6813-92-9	See: OB1228280
6813-93-0	See: OB1228260
6813-95-2	See: OB1228265
6814-59-1	See: QD0475000
6815-00-5	See: YU0525000
*6818-18-4	See: PB9625000
*6818-37-7	See: KL2895000
6820-95-7	See: TI5610000
6823-40-1	See: XO0545000
*6826-42-2	See: SB4550000
6826-90-0	See: YE2130000
*6830-78-0	See: XF6863300
6833-84-7	See: RH1685000
*6834-92-0	See: VV9275000
*6834-98-6	See: LT3850000
6836-98-2	See: LU3680000
6837-93-0	See: QJ6250000
*6837-97-4	See: CB6498500

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*6842-15-5	See: UD1950000
6843-08-9	See: VA3025000
6846-35-1	See: JD6500000
6846-50-0	See: SA1420000
*6853-79-8	See: FC7600000
6854-33-7	See: TM1795000
6859-20-7	See: FH4909000
*6863-58-7	See: EQ2220000
6865-35-6	See: WI2840000
6869-51-8	See: FH4800000
*6870-67-3	See: NY5775000
*6872-27-1	See: HQ1792000
6872-73-7	See: DR9850000
6874-60-8	See: SZ7525000
*6874-80-2	See: UX9370000
*6875-10-1	See: WL2000000
6875-16-7	See: FH5075000
6876-59-1	See: GU7950000
*6877-25-4	See: AC8587000
6878-83-7	See: WX8575000
6878-93-9	See: QD2097000
6878-98-4	See: YM4403000
6879-02-3	See: YP0175000
*6879-59-0	See: KE6345400
6883-16-5	See: VH7980000
6884-54-4	See: HM0453000
*6885-57-0	See: GY1720000
*6889-41-4	See: RB8630000
6891-28-7	See: CQ1498900
*6892-68-8	See: KF2410000
6892-97-3	See: TK8114020
*6893-02-3	See: AY6750000
*6893-20-5	See: AC5775000
*6893-24-9	See: LL5425000
*6893-33-0	See: BT0370000
*6893-37-4	See: BT2550000
*6898-43-7	See: DD6300000
*6899-64-5	See: RB6009000
6900-06-7	See: AV1750000
6900-87-4	See: AR5565000
*6902-77-8	See: GY5828000
*6903-79-3	See: MF3600500
*6906-93-0	See: OB1810000
6907-68-2	See: AB4546950
6915-15-7	See: ON7175000
6921-27-3	See: UK5950000
6921-28-4	See: JM4551300
6921-29-5	See: YK7660000
*6921-35-3	See: TZ7150000
*6923-22-4	See: TC4375000
*6923-52-0	See: AF4200300
6926-45-0	See: MO0525000
6928-57-0	See: GY1575000
6933-90-0	See: DN9450000
6935-29-1	See: VD3520000
*6935-63-3	See: WJ5340000
6935-75-7	See: FL7000000
6937-16-2	See: ES6650000
6937-66-2	See: OV7380000
6938-06-3	See: QT0875000
6938-94-9	See: AV1575C00
6939-15-7	See: WU7689500
*6939-17-9	See: WU7690000
*6939-83-9	See: WJ1650000
6940-79-0	See: AI6510000
6940-98-3	See: AY3278000
6943-65-3	See: UM6790000
6943-66-4	See: YU4375000
*6946-29-8	See: VO1638000
6947-02-0	See: AK5150000
6952-18-7	See: DF6810000
*6953-61-3	See: QJ1894500
6953-65-7	See: DD9050000
6954-48-9	See: QL7400000
6954-91-2	See: NK9475000
6954-93-4	See: VC4550000
6955-53-9	See: GO7525000
6957-69-3	See: PB0476000
*6957-71-7	See: LQ2975000
6957-85-3	See: KZ5478000
6957-91-1	See: CU4725000
*6959-47-3	See: US6825000
*6959-48-4	See: US7000000
*6959-71-3	See: UG1225000
6960-42-5	See: NM1169000
6961-46-2	See: GD7360000
6963-39-9	See: LU5425000
*6964-20-1	See: KK3547000
*6964-21-2	See: XM7570000
6964-37-0	See: EZ4000000
*6964-53-0	See: UU2150000
6964-79-0	See: YV6164000
6965-23-7	See: TL6350000
*6965-71-5	See: UF1150000
6967-12-0	See: NK7712000
*6969-49-9	See: VO5400000
6970-59-8	See: MO1120000
6970-97-4	See: ON5620000
6972-55-0	See: GV9610000
*6972-76-5	See: TX7700000
6972-77-6	See: YS7550000
6973-01-9	See: UO3200000
*6974-12-5	See: EM4550000
6974-89-6	See: UO9035000
*6976-50-7	See: FA4450000
6980-14-9	See: WL0790000
6984-29-8	See: WQ5990000
6984-99-2	See: UC1225000
*6986-48-7	See: KN0700000
*6986-80-7	See: FE1120000
*6988-21-2	See: FC1925000
6988-58-5	See: RK4385010
6989-98-6	See: YO5100000
*6990-06-3	See: RC1350000
6992-69-4	See: RK4385020
6992-70-7	See: GB7881000
6996-50-5	See: DM4865500
*6998-60-3	See: KD1922000
7000-48-8	See: UQ2200000
*7001-97-0	See: OB2825000
7005-47-2	See: UB3325000
7005-53-0	See: HO7645000
7006-59-9	See: BR8600000
7008-24-4	See: ZF9340000
*7008-42-6	See: UQ0330000
*7008-85-7	See: NI3938000
7009-49-6	See: GU6650000
*7009-88-3	See: XH9802000
*7011-83-8	See: HD9800000
7013-41-4	See: TH8837500
*7021-46-7	See: GU3829500
*7021-52-5	See: UO8990000
7032-37-3	See: AR9544500
7032-38-4	See: AR9544000
7032-39-5	See: AR9544950
7036-48-8	See: NI4008000
7036-57-9	See: NI4015000
7036-61-5	See: NI4300000
7036-64-8	See: NI4010000
*7039-09-0	See: MU3980000
7041-74-9	See: TM9900000
7041-76-1	See: QE3725000
7041-77-2	See: NY2932500
7041-79-4	See: TN3702000
7041-81-8	See: QE9200000
7043-67-6	See: BP4950000
7044-33-9	See: FL8500000
7046-61-9	See: NR0100000
7050-86-4	See: CU5155000
7051-16-3	See: CZ0320000
7052-53-1	See: YQ8680000
7053-88-5	See: VO4378000
7054-25-3	See: LZ5250000
7054-64-0	See: DN9248000
*7054-85-5	See: OB1247000
7055-03-0	See: CV5585400
*7059-24-7	See: GB7875000
7060-74-4	See: RJ9800000
*7068-83-9	See: EO5425000
*7070-93-1	See: FC2000000
7072-40-4	See: UM0535000
7072-43-7	See: BQ8380000
7073-51-0	See: AB5870000
*7075-03-8	See: DW1015100
7075-03-8	See: DW1015000
7076-23-5	See: PC8050000
7076-53-1	See: TC0525000
7079-18-7	See: CL5491100
*7081-44-9	See: XH8920000
*7081-53-0	See: UY5770000
7081-80-3	See: KJ2535000
*7082-34-0	See: KF1360000
*7083-24-1	See: OB1221600
*7083-71-8	See: JY5630000
*7084-07-3	See: KV4725000
7085-54-3	See: YU7800000
7088-08-6	See: UY8708000
7088-10-0	See: UV1151000
7088-16-6	See: UY8692000
7088-17-7	See: UY8703000
7088-20-2	See: UY8700000
7088-21-3	See: UY8696000
*7090-25-7	See: FC6600000
7091-41-0	See: XS7950000
*7093-10-9	See: CU0885000
7095-27-4	See: SZ3675000
*7099-43-6	See: DE8650000
*7101-51-1	See: AY5960000
7101-57-7	See: AR7625000
7101-58-8	See: OB6425000
7101-64-6	See: GU3510000
7115-00-6	See: UU4015600
7119-88-2	See: KH9364000
7119-92-8	See: IA3450000
*7122-04-5	See: FC1030000
7123-63-9	See: NI4006000
7126-01-4	See: TY0380000
7126-15-0	See: TX9670000
7126-99-0	See: NI4012000
7127-01-7	See: NI4013000
7127-05-1	See: NI4023000
*7128-68-9	See: HR8115000
7128-82-7	See: BS0530000
*7129-91-1	See: GY0800000
7132-66-3	See: AR7339000
7132-67-4	See: AR9900000
7132-68-5	See: AR9320000
7132-70-9	See: AR9880000
*7142-64-5	See: BR6300000
7142-65-6	See: BR0350000
7143-67-1	See: UO9000000
7143-94-4	See: VT3250000
*7145-92-8	See: CH9625000
7147-26-4	See: UW6000000
7148-25-6	See: QE8400000
*7149-24-8	See: MW4905000
*7149-26-0	See: CB3250000
7149-79-3	See: AN3325000
7149-82-8	See: TY6742000
7149-83-9	See: TY4440000
7152-24-1	See: DD9480000
7152-38-7	See: VA2275000
7152-40-1	See: UQ6260000
7152-42-3	See: SP3950000
7152-68-3	See: UH1589000
*7152-80-9	See: BX8050000
7153-98-2	See: TB8400000
7154-66-7	See: DM6635000
7154-68-9	See: GB7973000
7157-29-1	See: OB6340000
7157-31-5	See: GY5900000
7159-34-4	See: TJ5390000
7159-96-8	See: FD9010000
7162-37-0	See: DG4907000
7163-54-4	See: GU3540000
7164-43-4	See: RM3190000
7165-63-1	See: MO1192500
*7166-19-0	See: WL4050000
7168-64-1	See: GS3675000
7173-51-5	See: BP6560000
7173-84-4	See: TE8400000
*7174-23-4	See: BS0120000
7175-49-7	See: HY4150000
7176-65-0	See: KJ1600000
*7177-48-2	See: XH8425000
7179-52-4	See: XH9415000
7182-87-8	See: PA8800000
7183-69-9	See: GG6630000
7184-60-3	See: ED8750000
7187-55-5	See: DL7050000
7188-38-7	See: EQ7102500
7195-08-6	See: BS1105000
7195-27-9	See: CZ9195000
7195-45-1	See: TI0200000
*7199-29-3	See: HO7878000
*7200-23-9	See: HQ1828000
*7203-89-6	See: XY1400000
*7203-90-9	See: XY0700000
7203-91-0	See: DG9100000
*7203-92-1	See: XY1225000
*7203-95-4	See: XX9580000
7205-90-5	See: CZ0200000
*7207-97-8	See: CH6050000
7208-89-1	See: BQ8173000
*7209-38-3	See: TK8700000
7210-92-6	See: XU1790000
7211-54-3	See: TZ7330200
*7213-59-4	See: CB7883000
*7217-59-6	See: DC1790000
*7220-28-2	See: FD7560000
*7220-81-7	See: GY1722000
7221-31-0	See: CB3715000
7221-79-6	See: KE6180000
*7224-23-9	See: WH8900000
*7226-23-5	See: UW7582500
*7227-91-0	See: XY2100000
*7227-92-1	See: XY1450000
*7227-93-2	See: SL2355000
*7229-50-7	See: WK4250000
*7231-31-4	See: UQ8003000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
7232-21-5	See: BZ3325000
7236-78-4	See: RP3675000
7236-83-1	See: NM1080000
7239-21-6	See: XX9585000
*7240-37-1	See: AU1080000
7240-57-5	See: KE4450000
7241-37-4	See: EU1120000
7241-38-5	See: DO3520000
*7241-98-7	See: LV1700000
*7242-04-8	See: LZ1225000
*7242-07-1	See: LZ0875000
7242-09-3	See: LZ1575000
*7246-20-0	See: KM4500000
7246-21-1	See: MW5100000
*7247-57-6	See: UY4550000
*7247-89-4	See: TK6026700
7248-28-4	See: WL2460300
7250-42-2	See: WR7510000
7250-43-3	See: AB8760000
7250-44-4	See: AI3565000
7250-46-6	See: AI3685000
7250-60-4	See: DG5250000
7250-71-7	See: TZ1060000
7250-92-2	See: SB4900000
*7251-11-8	See: VT5704100
7251-36-7	See: VD3615000
7251-54-9	See: NJ2460000
7251-61-8	See: VD3450000
7251-90-3	See: AS5075000
7252-82-6	See: UB7880000
7253-19-2	See: XP2085000
7255-87-0	See: UV1152500
7256-00-0	See: YS2450000
*7258-91-5	See: QI9457700
7260-35-7	See: TB0450000
7261-05-4	See: JR5040000
7261-97-4	See: MU3874000
*7262-66-0	See: TY4225800
*7262-69-3	See: TY4226010
7262-73-9	See: XT4600000
7271-73-0	See: KR3520000
*7271-80-9	See: TY7100000
*7271-81-0	See: RQ6884000
*7271-83-2	See: RQ6880000
7271-99-0	See: MV3580000
7272-00-6	See: KR5990000
7272-01-7	See: KR5550000
7272-58-4	See: NL6015500
*7273-21-4	See: NM3356000
7274-88-6	See: OL5632500
*7275-70-9	See: XY7455000
*7276-58-6	See: DE2275000
7279-55-2	See: UU6340055
7280-83-3	See: UO7525000
7281-04-1	See: BO7875000
7283-69-4	See: LT1565000
*7283-70-7	See: LT1575000
7284-58-4	See: SZ8225000
7284-60-8	See: SZ8750000
7284-67-5	See: SZ5250000
7286-76-2	See: YQ9185000
*7287-19-6	See: XY4390000
7287-36-7	See: YV6010000
7289-18-1	See: DP2600000
7289-21-6	See: GU8990000
7289-24-9	See: GU7037000
7289-25-0	See: TM4733000
*7289-52-3	See: KN7510000
7293-34-7	See: UU4689000
7298-73-9	See: AM4450000
*7299-11-8	See: HP3082200
7299-55-0	See: SC5250000
7302-86-5	See: GU7135000
*7303-46-0	See: TM6103000
7305-06-8	See: FA4217500
7305-30-8	See: WS3435000
*7306-46-9	See: XS9060000
*7308-25-0	See: FG1510000
*7310-87-4	See: DK7725000
7313-47-5	See: DG6230000
7314-74-1	See: XL2900000
7315-27-7	See: OB1228270
*7316-37-2	See: SZ7900000
7316-55-4	See: SZ7130000
*7319-47-3	See: UV1153970
7319-49-5	See: UV1153000
*7320-37-8	See: ML9450000
7322-73-8	See: GU7133000
7326-30-9	See: TD0895000
*7327-87-9	See: TH8880000
*7329-29-5	See: BW8750000
*7331-19-3	See: UV8149800
*7331-20-6	See: UV8149700
*7331-21-7	See: UV8197500
*7331-23-9	See: UV8149600
*7331-25-1	See: UV8149200
*7333-84-8	See: RG4134000
7335-67-3	See: IH7660000
*7336-33-6	See: GH0880500
*7336-36-9	See: GH0880000
7336-40-5	See: GH0890000
7336-44-9	See: GH0792000
7337-45-3	See: EO3900000
*7338-79-6	See: XZ0905000
*7338-83-2	See: XZ2853000
7339-53-9	See: MV6400000
7340-09-2	See: NC3411000
7340-34-3	See: UR9278000
7340-42-3	See: GD9980000
*7340-50-3	See: DB3850000
7341-63-1	See: YR7960000
7342-13-4	See: WJ6400000
*7342-38-3	See: WH6845000
*7342-45-2	See: WH8583000
*7342-47-4	See: WH8580000
7342-58-7	See: FE2660000
7342-61-2	See: BQ3240000
7343-26-2	See: TA1870000
7345-43-9	See: CM3448010
7345-69-9	See: SD9505000
*7346-14-7	See: KV3675000
7346-61-4	See: TG9000000
7346-91-0	See: WN0840000
*7347-46-8	See: BX6650000
*7347-47-9	See: TJ5950000
*7347-48-0	See: TJ6125000
*7347-49-1	See: US8750000
7347-83-3	See: DJ1350000
7347-85-5	See: BO6350000
7347-86-6	See: TN4432700
7347-87-7	See: BO8110000
7347-88-8	See: BO8100000
7347-89-9	See: UY3300000
7347-90-2	See: TN4434500
7347-91-3	See: HZ8950000
7347-92-4	See: BO8120000
*7348-26-7	See: VD6250000
7348-93-8	See: VV7000000
7349-43-1	See: KL0200000
7349-44-2	See: KK1100000
7349-45-3	See: DL9699000
7349-46-4	See: DL9695000
7349-48-6	See: OB1215000
7349-49-7	See: OB1220000
7349-50-0	See: OB1210000
7349-53-3	See: DL9692500
7349-54-4	See: DL9682500
7349-55-5	See: DL9665000
*7349-99-7	See: OL0350000
7350-01-8	See: TN4434800
7350-43-8	See: AC6705000
7351-08-8	See: CX4900500
7353-54-0	See: QK5050000
7353-55-1	See: QK5000000
7353-59-5	See: QK4430000
7355-58-0	See: AB5460000
7356-55-0	See: NX9300000
7356-62-9	See: WU7676000
7356-73-2	See: NX3675000
7356-81-2	See: MF3325000
7358-61-4	See: CQ7800000
7358-62-5	See: CQ4105000
7361-31-1	See: YP2900000
7361-61-7	See: XJ0776300
*7361-89-9	See: UI9810000
7368-12-9	See: BO7900000
7374-06-3	See: FC6020000
*7374-66-5	See: DE5425000
*7376-66-1	See: DO6530000
*7376-67-2	See: DN9202000
7377-03-9	See: RG9900500
*7378-50-9	See: WJ3800000
*7378-54-3	See: WJ4900000
*7379-12-6	See: MP3900000
7380-76-9	See: SB4580000
7381-01-3	See: OF0530000
7384-02-3	See: FE6209000
7384-94-3	See: KL3700000
7384-96-5	See: DL9697000
7384-97-6	See: DL9690000
7387-95-3	See: BR1695000
7387-97-5	See: TN4435000
7388-06-9	See: KJ7530000
7388-07-0	See: KJ8300000
7388-08-1	See: OB1205000
7388-09-2	See: DL9687500
7391-61-9	See: CQ4075000
7391-62-0	See: CQ1520000
7391-63-1	See: CQ1530000
7391-65-3	See: CQ3009000
7391-66-4	See: CQ4168000
*7392-96-3	See: WH7125500
7395-80-4	See: NK8500000
*7399-02-2	See: AG6050000
7399-06-6	See: TI5360000
7399-76-0	See: RP3365000
*7400-08-0	See: GD9094000
7400-75-1	See: TB2062000
*7400-77-3	See: SI0800000
7401-30-1	See: JG9700000
7404-68-4	See: NK7915000
7404-72-0	See: AB8770000
7405-15-4	See: UB3500000
7408-92-6	See: HD7525000
7409-50-9	See: AB7623000
7411-23-6	See: XZ4570000
*7411-49-6	See: DV8753000
7411-75-8	See: SC0460000
7411-99-6	See: SA6700000
7412-2[illegible]-1	See: QE8925000
*7413-34-5	See: MA1232000
7414-83-7	See: JL5950000
7414-95-1	See: SO2625000
7415-31-8	See: EM4780000
7416-34-4	See: NM3300000
*7417-67-6	See: AC6300000
*7418-80-6	See: TM4050000
*7418-82-8	See: TN5953300
*7418-86-2	See: TN4360000
*7418-87-3	See: TN0290000
*7418-88-4	See: UX9687500
*7420-06-6	See: UE8225000
*7421-40-1	See: RK0250000
7421-50-3	See: TE4040000
7422-80-2	See: MV2087000
7424-00-2	See: AY4390010
7424-56-8	See: OO4410000
7425-14-1	See: MO7750000
7425-91-4	See: CM7880000
*7428-48-0	See: WI4300000
*7428-83-3	See: DJ3500600
*7429-90-5	See: BD0330000
7431-19-8	See: CU7500000
7432-25-9	See: VA3380000
7432-27-1	See: CV7435000
7432-28-2	See: HP1626000
7433-43-4	See: YT4971000
7433-56-9	See: HE2080000
*7433-86-5	See: VC2030000
7435-83-8	See: CZ0825000
7436-92-2	See: UQ6127000
7437-53-8	See: MB9660000
7439-75-0	See: BQ8123000
*7439-90-9	See: OC6772500
*7439-92-1	See: OF7525000
*7439-93-2	See: OJ5540000
*7439-95-4	See: OM2100000
*7439-96-5	See: OO9275000
*7439-97-6	See: OV4550000
*7439-98-7	See: QA4680000
7440-00-8	See: QO8575000
*7440-01-9	See: QP4450000
*7440-02-0	See: QR5950000
7440-04-2	See: RN1100000
*7440-06-4	See: TP2160000
*7440-09-7	See: TS6465000
*7440-09-7	See: TS6460000
*7440-16-6	See: VI9355000
*7440-17-7	See: VL8500000
*7440-21-3	See: VW0400000
*7440-22-4	See: VW3675000
*7440-22-4	See: VW3500000
*7440-23-5	See: VY0688000
*7440-23-5	See: VY0686000
*7440-24-6	See: WK7825000
*7440-25-7	See: WW5505000
*7440-28-0	See: XG3425000
*7440-29-1	See: XO6400000
*7440-31-5	See: XP7320000
*7440-32-6	See: XR1702000
*7440-32-6	See: XR1701000
*7440-32-6	See: XR1700000
*7440-33-7	See: YO7175000
*7440-36-0	See: CC4025000
*7440-37-1	See: CF2300000
*7440-38-2	See: CG0525000
*7440-39-3	See: CQ8370000
*7440-41-7	See: DS1750000
7440-42-8	See: ED7350000
*7440-43-9	See: EU9800000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
*7440-44-0	See: FF5250100
*7440-45-1	See: FK4850000
*7440-46-2	See: FK9225000
*7440-47-3	See: GB4200000
*7440-48-4	See: GF8750000
*7440-50-8	See: GL5325000
*7440-54-2	See: LW3850000
*7440-55-3	See: LW8600000
*7440-57-5	See: MD5070000
*7440-58-6	See: MG4600000
*7440-59-7	See: MH6520000
*7440-61-1	See: YR3490000
*7440-62-2	See: YW1355000
*7440-63-3	See: ZE1280000
*7440-64-4	See: ZG1925000
*7440-65-5	See: ZG2980000
*7440-66-6	See: ZG8600000
*7440-67-7	See: ZH7070000
*7440-69-9	See: EB2600000
*7440-70-2	See: EV8040000
*7440-74-6	See: NL1050000
7441-55-6	See: AM5275000
7442-07-1	See: DL6488000
7442-13-9	See: TP5075000
*7446-07-3	See: WY2675000
*7446-08-4	See: VS8575000
*7446-09-5	See: WS4550000
*7446-11-9	See: WT4830000
*7446-14-2	See: OG4375000
*7446-18-6	See: XG6800000
*7446-20-0	See: ZH5300000
*7446-27-7	See: OG3675000
*7446-32-4	See: CC8225000
*7446-34-6	See: VT0525000
*7446-70-0	See: BD0525000
*7447-40-7	See: TS8050000
*7447-41-8	See: OJ5950000
7447-44-1	See: TE6489000
*7447-45-2	See: XJ7055600
*7450-97-7	See: SO9400000
7451-98-1	See: UH0450000
7454-58-2	See: DB8575000
7456-24-8	See: SP5250000
7456-94-2	See: JI4250000
7457-28-5	See: JH7050000
7457-29-6	See: JH6795000
7457-32-1	See: JH6800000
7457-33-2	See: JH6790000
7457-47-8	See: JH7420000
7458-65-3	See: CX7700000
7459-67-8	See: DH6930000
*7460-84-6	See: WI3500000
7461-85-0	See: MI9275000
*7463-53-8	See: ET5951000
7465-20-5	See: AB8840000
7465-48-7	See: XF8240000
*7466-54-8	See: BZ4700000
7467-42-7	See: US1780000
7468-24-8	See: UC6590000
7468-99-7	See: SK8000000
7470-14-6	See: SF7255000
7470-43-1	See: UU2620000
7470-44-2	See: DA0180000
7471-03-6	See: DL1800000
*7472-16-4	See: SZ6561200
7472-55-1	See: MN7885000
7474-63-7	See: UB1477500
*7476-08-6	See: CW1050000
7476-20-2	See: UF1450000
7476-59-7	See: GU7876000
7476-82-6	See: ET6475000
7476-91-7	See: AF9800000
*7478-16-2	See: XY8586500
7483-25-2	See: ID6730000
7486-39-7	See: AV1950000
7487-28-7	See: KN3370000
7487-49-2	See: DF3700000
7487-81-2	See: MP3325000
*7487-88-9	See: OM4500000
*7487-94-7	See: OV9100000
*7488-56-4	See: VS8925000
*7488-70-2	See: XP3582400
7488-92-8	See: EL2000000
*7491-74-9	See: UX9660500
7492-29-7	See: NW6710000
7492-31-1	See: LW5250000
7492-32-2	See: BP0690000
*7492-44-6	See: GD6485000
*7492-70-8	See: ES8123000
*7493-74-5	See: AJ2240000
7495-85-4	See: GW5150000
*7495-93-4	See: TG6475000
7495-94-5	See: TG6650000
7495-95-6	See: TH2625000
7495-97-8	See: SZ4725000
7496-62-0	See: UU7060000
7496-63-1	See: NJ5987000
7496-64-2	See: NJ6050000
7498-32-0	See: TM5065000
7499-08-3	See: XU1645000
*7499-32-3	See: DJ5055000
*7500-05-2	See: UU5283700
7500-51-8	See: GW2150000
7500-55-2	See: GW5400000
7500-71-2	See: AK5550000
7500-82-5	See: GU9100000
7500-86-9	See: DM6825000
7501-02-2	See: KJ7600000
7501-29-3	See: XI4830000
7501-72-6	See: XY7065000
7504-10-1	See: RQ4900000
7504-57-6	See: KN7175000
7504-58-7	See: QE5550000
7504-64-5	See: DG9275000
7504-65-6	See: KN8925000
7504-74-7	See: MI9625000
7504-77-0	See: RQ5600000
7505-40-0	See: QD1610000
*7505-62-6	See: CW0800000
7505-95-5	See: UE4400000
7506-66-3	See: GU8992500
7506-77-6	See: SZ4920000
7506-91-4	See: SZ8050000
7507-03-1	See: TB8050000
7507-50-8	See: UF2450000
7508-73-8	See: TE6650000
7511-54-8	See: FZ3600000
7512-47-2	See: GU5431000
*7517-36-4	See: TI2490000
*7518-22-1	See: FM3374500
*7518-35-6	See: OP3605000
*7519-36-0	See: TW3680000
*7521-80-4	See: VV2080000
7525-62-4	See: WL4725000
7526-46-7	See: SZ4590000
7526-47-8	See: SZ4595000
7528-97-4	See: RZ2610500
7529-27-3	See: KW4200000
7531-10-4	See: GU1485000
7532-52-7	See: XZ3890000
*7535-00-4	See: LW5498000
7538-17-2	See: JH4400000
7538-23-0	See: JH2840000
7538-24-1	See: JH2820000
7538-25-2	See: JH2900000
7538-26-3	See: JH3760000
7538-27-4	See: JH3740000
7538-28-5	See: JH2920000
7538-29-6	See: JH3720000
*7538-45-6	See: KJ2616000
7539-12-0	See: WN1050000
*7541-76-6	See: BQ6825020
*7542-09-8	See: GF9600000
*7542-37-2	See: WK2315000
7544-93-6	See: UY1456000
7545-13-3	See: DB7300000
*7546-30-7	See: OV8750000
7546-66-9	See: CM3497000
7546-77-2	See: CM3448000
7547-88-8	See: DK2190000
*7548-44-9	See: RC8924800
*7548-46-1	See: RC8924700
7548-63-2	See: CP8406000
*7549-37-3	See: RG5330000
7550-35-8	See: OJ5755000
*7550-45-0	See: XR1925000
7553-27-7	See: JH7660000
7553-27-7	See: JH7650000
7553-32-4	See: JH3780000
*7553-56-2	See: NN1575000
*7554-65-6	See: UQ7350000
7558-63-6	See: MA1400000
*7558-79-4	See: WC4500000
*7558-80-7	See: WA1900000
7559-04-8	See: DK5170000
7559-44-6	See: ML9460000
7559-46-8	See: RG9703000
7559-47-9	See: PB2750000
7559-51-5	See: RG9702000
7559-53-7	See: XT7355000
7559-54-8	See: XT7351900
7560-83-0	See: HY4190000
7562-63-2	See: DF3674000
7562-75-6	See: BX2350000
7563-42-0	See: CQ5950000
7565-13-1	See: UB7800000
7565-14-2	See: EL4950000
7565-15-3	See: EL5200000
7565-17-5	See: EL5150000
7565-18-6	See: EL4750000
7565-81-3	See: DL9685000
7568-93-6	See: DN5500000
7569-34-8	See: WR6478000
*7570-26-5	See: KI1511000
*7572-29-4	See: AP1080000
7575-48-6	See: WR8800000
7577-85-7	See: RN7770000
7578-43-0	See: MB8225000
7578-44-1	See: AG5010000
*7580-12-3	See: YK0510000
7580-37-2	See: TA2440000
*7580-67-8	See: OJ6300000
7580-85-0	See: KJ8750000
7582-97-0	See: DH0875000
7584-76-1	See: UB7875000
7584-78-3	See: EL4900000
*7585-39-9	See: GU2293000
7588-32-1	See: RN7780000
7595-89-3	See: TE3740000
7597-35-5	See: YR8153000
7597-97-9	See: SK1400000
7598-41-6	See: XI4860000
7598-63-2	See: TZ0875000
7598-64-3	See: TC5950000
*7599-79-3	See: YE0925000
7600-14-8	See: QL0100000
*7601-54-9	See: TC9490000
7601-55-0	See: YO3700000
7601-87-8	See: RP0400000
*7601-89-0	See: SC9800000
*7601-90-3	See: SC7501100
*7601-90-3	See: SC7500000
*7601-90-3	See: SC7501200
*7601-90-3	See: SC7501000
7606-41-9	See: UU6925000
7612-96-6	See: NX9125000
7613-16-3	See: RG8925000
*7613-19-6	See: VC2110000
7613-23-2	See: DH0700000
7614-41-7	See: UB8100000
7614-42-8	See: EL4800000
*7614-53-1	See: WU7675400
*7616-94-6	See: SD1925000
7617-57-4	See: CZ7875000
7619-35-4	See: PB8480000
*7619-53-6	See: YE0930000
7621-11-6	See: RN7070000
7631-61-0	See: LQ0693000
*7631-86-9	See: VV7310000
*7631-86-9	See: VV7322000
*7631-89-2	See: CG1225000
*7631-90-5	See: VZ2000000
*7631-95-0	See: QA5075000
7631-98-3	See: VQ3020000
*7631-99-4	See: WC5600000
*7632-00-0	See: RA1225000
*7632-10-2	See: SH4900000
*7632-51-1	See: YW2625000
*7633-57-0	See: NM2000000
7635-51-0	See: QE2625000
*7637-07-2	See: ED2275000
7640-33-7	See: VC4585000
*7641-77-2	See: DT7320000
7644-67-9	See: RC6310000
7645-01-4	See: LZ5200000
*7645-25-2	See: CG1000000
7646-66-4	See: CM6350000
*7646-69-7	See: WB3910000
*7646-78-8	See: XP8750000
*7646-79-9	See: GF9800000
7646-81-3	See: SZ5150000
*7646-85-7	See: ZH1400000
*7646-93-7	See: TS7200000
*7647-01-0	See: MW4025000
*7647-01-0	See: MW9610000
7647-01-0	See: MW9620000
*7647-10-1	See: RT3500000
*7647-14-5	See: VZ4725000
*7647-15-6	See: VZ3150000
7647-17-8	See: FK9625000
*7647-18-9	See: CC5075000
*7647-19-0	See: TH4070000
7648-01-3	See: VI8092000
7651-40-3	See: CQ0411000
7651-47-0	See: AM6913500
7651-62-9	See: RG9704000
7653-60-3	See: DM3940050
7654-01-5	See: XH5855000
*7654-03-7	See: MU8400000
7659-06-5	See: RO0570000

BEST COPY AVAILABLE

CAS No.	RTECS No.
7659-20-3	See: RO0680000
7659-44-1	See: AT5620000
*7660-25-5	See: LS7000000
*7660-71-1	See: PB0822100
7663-77-6	See: UY5739500
7663-85-6	See: AY3276880
*7664-38-2	See: TB6300000
*7664-39-3	See: MW7875000
*7664-41-7	See: BO0875000
*7664-93-9	See: WS5600000
*7664-98-4	See: WH8225000
*7665-72-7	See: RR0475060
7673-09-8	See: XZ1575000
*7673-88-3	See: DD6204000
*7680-73-1	See: UU5950000
*7681-11-0	See: TT2975000
7681-22-3	See: UU5282000
*7681-28-9	See: LW5950000
7681-29-0	See: VJ1750000
7681-34-7	See: OV7895000
*7681-38-1	See: VZ1860000
*7681-49-4	See: WB0350000
*7681-52-9	See: NH3486300
7681-53-0	See: WB5950000
*7681-55-2	See: NN1400000
*7681-57-4	See: UX8225000
*7681-76-7	See: NI6803000
*7681-82-5	See: WB6475000
7681-84-7	See: LT8050000
*7681-93-8	See: TK3325000
7681-99-4	See: XZ5750000
7682-90-8	See: TE7350000
7683-36-5	See: UU6850000
*7683-59-2	See: DO1750000
7685-94-1	See: ON6570000
7685-96-3	See: ON5000000
*7689-03-4	See: UQ0492000
7693-77-8	See: RQ3710000
7695-91-2	See: GA8747000
*7696-12-0	See: GZ1730000
7696-76-6	See: AJ2475000
7696-78-8	See: AF5455000
7696-87-9	See: AJ2560000
*7697-37-2	See: QU5900000
*7697-37-2	See: QU5775000
7697-46-3	See: OB6407000
*7698-91-1	See: VS6550600
*7698-97-7	See: GW4450000
7699-31-2	See: MV2295000
*7699-39-0	See: CV2295000
*7699-41-4	See: VV8850000
*7699-43-6	See: ZH7700000
*7699-45-8	See: ZH1150000
*7700-17-6	See: GQ5075000
7703-83-5	See: FZ8175000
*7704-34-9	See: WS4250000
7704-71-4	See: LT2000000
*7704-99-6	See: ZH8015000
*7705-07-9	See: XR1924000
*7705-08-0	See: LJ9100000
*7712-50-7	See: YE1695000
7716-73-6	See: AM7425000
*7718-54-9	See: QR6475000
*7718-98-1	See: YW2800000
*7719-09-7	See: XM5150000
*7719-12-2	See: TH3675000
7720-41-4	See: AG9040000
*7720-78-7	See: NO8500000
7721-01-9	See: WW5600000
*7722-06-7	See: VS6550500
7722-15-8	See: DE8745000
7722-44-3	See: GH1576000
*7722-64-7	See: SD6475000
*7722-73-8	See: DC5250000
*7722-84-1	See: MX0900000
*7722-88-5	See: UX7350000
*7723-14-0	See: TH3500000
*7723-14-0	See: TH3495000
*7724-38-1	See: XF8881000
*7724-39-2	See: XF8887000
*7724-40-5	See: XF8886000
*7724-41-6	See: XF8885000
7726-23-0	See: NT0875000
*7726-95-6	See: EF9100000
*7727-15-3	See: BD0350000
*7727-18-6	See: YW2975000
*7727-21-1	See: SE0400000
*7727-37-9	See: QW9700000
*7727-43-7	See: CR0600000
*7727-54-0	See: SE0350000
*7727-73-3	See: WS8402000
7728-40-7	See: AN7740000
7728-98-5	See: AY7175000
*7732-18-5	See: ZC0110000
7732-42-5	See: DB4800000
7732-92-5	See: QD1660000
*7733-02-0	See: ZH5260000
7733-07-5	See: CQ5390000
*7738-94-5	See: GB2450000
7738-99-0	See: XJ5457720
7739-01-7	See: XJ6061200
7739-33-5	See: ED3850000
7741-55-1	See: TN1948500
7741-91-5	See: RN7830000
7745-89-3	See: XU5425000
7745-91-7	See: XU4375000
*7749-05-5	See: AH3501000
7750-75-6	See: MT9180000
7751-31-7	See: DM4945000
*7756-94-7	See: UD1150000
*7757-79-1	See: TT3700000
*7757-81-5	See: WG2220000
*7757-82-6	See: WE1650000
*7757-83-7	See: WE2150000
*7758-01-2	See: EF8725000
7758-02-3	See: TS7650000
7758-05-6	See: NN1350000
*7758-09-0	See: TT3750000
7758-16-9	See: UX6475000
*7758-19-2	See: VZ4808000
*7758-19-2	See: VZ4800000
*7758-88-5	See: FK6125000
7758-89-6	See: GL6990000
*7758-94-3	See: NO5400000
*7758-95-4	See: OF9450000
*7758-97-6	See: GB2975000
*7758-98-7	See: GL8800000
*7758-99-8	See: GL8900000
*7759-35-5	See: RC8960750
*7761-45-7	See: UV8180000
7761-47-9	See: AL3070000
7761-48-0	See: AL3035000
7761-49-1	See: AL3065000
7761-52-6	See: TD3520000
*7761-63-9	See: TB2822000
*7761-65-1	See: TB3962500
7761-66-2	See: TB3961000
*7761-68-4	See: TB2823000
*7761-88-8	See: VW4725000
7762-32-5	See: TK8750000
7762-35-8	See: MF3685000
*7763-77-1	See: KH7705000
*7764-50-3	See: PC8710000
7770-47-0	See: NM1050000
7770-79-8	See: AL3055000
7771-44-0	See: JX3850000
7772-98-7	See: XN6476000
*7772-99-8	See: XP8700000
*7773-01-5	See: OO9625000
*7773-06-0	See: WO6125000
*7773-34-4	See: WJ5400000
*7773-52-6	See: UU4845000
7773-73-1	See: MF3850000
*7774-29-0	See: OW5300000
*7774-29-0	See: OW5250000
*7774-41-6	See: CG0950000
*7775-09-9	See: FO0525000
*7775-11-3	See: GB2955000
*7775-14-6	See: JP2100000
*7775-27-1	See: SE0525000
*7778-39-4	See: CG0700000
*7778-39-4	See: CG0765000
*7778-43-0	See: CG0875000
*7778-44-1	See: CG0830000
*7778-50-9	See: HX7680000
*7778-54-3	See: NH3485500
*7778-54-3	See: NH3485000
*7778-66-7	See: TT2825000
*7778-74-7	See: SC9700000
7778-80-5	See: TT5900000
7778-83-8	See: GE0525000
7779-27-3	See: XY9275000
*7779-41-1	See: HD6200000
*7779-80-8	See: MJ2295000
*7779-86-4	See: JP2105000
*7779-88-6	See: ZH4772000
*7779-90-0	See: TD0590000
7780-06-5	See: GD9625000
7780-20-3	See: TN1275500
7780-33-8	See: TB4975000
*7782-39-0	See: HH2995000
*7782-41-4	See: LM6475000
*7782-44-7	See: RS2060000
*7782-49-2	See: VS8310000
*7782-49-2	See: VS7700000
*7782-50-5	See: FO2100000
7782-61-8	See: NO7175000
*7782-63-0	See: NO8510000
*7782-64-1	See: OP0875000
*7782-65-2	See: LY4900000
*7782-77-6	See: RA0760000
*7782-78-7	See: QZ7886700
*7782-79-8	See: MW2800000
7782-85-6	See: WC4600000
*7782-89-0	See: OJ5590000
*7782-92-5	See: VY2775000
*7782-99-2	See: WT2775000
*7783-00-8	See: VS7175000
*7783-06-4	See: MX1225000
*7783-07-5	See: MX1050000
*7783-08-6	See: VS6575000
*7783-18-8	See: XN6465000
*7783-20-2	See: BS4500000
*7783-28-0	See: TB9375000
*7783-30-4	See: OW5075000
*7783-33-7	See: OU9670000
*7783-35-9	See: OX0500000
*7783-36-0	See: OX0480000
*7783-40-6	See: OM3325000
*7783-41-7	See: RS2100000
*7783-42-8	See: XM5425000
*7783-46-2	See: OG1225000
*7783-47-3	See: XQ3450000
*7783-48-4	See: WK8925000
*7783-49-5	See: ZH3500000
*7783-50-8	See: NO6865000
*7783-54-2	See: QX1925000
*7783-55-3	See: TH3850000
*7783-56-4	See: CC5150000
*7783-60-0	See: WT4800000
*7783-61-1	See: VW2327000
*7783-64-4	See: ZH7875000
*7783-66-6	See: NN1770000
*7783-70-2	See: CC5800000
*7783-71-3	See: WW5775000
*7783-79-1	See: VS9450000
*7783-80-4	See: WY2800000
*7783-81-5	See: YR4720000
*7783-81-5	See: YR4722000
*7783-82-6	See: YO7720000
*7783-83-7	See: WS5900000
7783-85-9	See: BR6500000
*7783-91-7	See: FY1678500
*7783-95-1	See: VW4200000
*7784-08-9	See: CG3884000
*7784-13-6	See: BD0530000
*7784-18-1	See: BD0725000
*7784-19-2	See: BD0050000
*7784-21-6	See: BD0930000
*7784-24-9	See: WS5690000
*7784-27-2	See: BD1050000
*7784-30-7	See: TB6450000
*7784-33-0	See: CG1375000
*7784-34-1	See: CG1750000
*7784-35-2	See: CG5775000
*7784-37-4	See: OV7040000
*7784-40-9	See: CG0980000
*7784-41-0	See: CG1100000
*7784-42-1	See: CG6475000
*7784-44-3	See: CG0850000
*7784-45-4	See: CG1950000
*7784-46-5	See: CG3675000
*7785-33-3	See: RG5927900
7785-84-4	See: OY4025000
*7785-87-7	See: OP1050000
7786-17-6	See: GP2150000
*7786-29-0	See: RG7914000
*7786-30-3	See: OM2800000
*7786-34-7	See: GQ5250000
*7786-61-0	See: SL8205000
*7786-67-6	See: OT0190000
*7786-81-4	See: QR9350000
*7787-32-8	See: CQ9100000
*7787-36-2	See: SD6405000
*7787-47-5	See: DS2625000
*7787-49-7	See: DS2800000
*7787-56-6	See: DS5000000
*7787-59-9	See: EB2700000
7787-69-1	See: FK9275000
*7787-71-5	See: EF9360000
*7788-97-8	See: GB6125000
*7788-98-9	See: GB2880000
*7788-99-0	See: GB6850000
*7789-00-6	See: GB2940000
*7789-02-8	See: GB6300000
*7789-04-0	See: GB6840000
*7789-06-2	See: GB3240000
*7789-09-5	See: HX7650000
*7789-12-0	See: HX7750000
7789-17-5	See: FL0350000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*7789-18-6	See: FL0700000
*7789-20-0	See: ZC0230000
*7789-21-1	See: LP0715000
*7789-23-3	See: TT0700000
*7789-24-4	See: OJ6125000
*7789-27-7	See: XG4900000
*7789-29-9	See: TS6650000
*7789-30-2	See: EF9350000
*7789-36-8	See: ED4610000
*7789-38-0	See: EF8750000
*7789-40-4	See: XG3850000
*7789-41-5	See: EV9328000
*7789-42-6	See: EU9935000
*7789-43-7	See: GF9595000
*7789-47-1	See: OV7415000
7789-53-9	See: WK8225000
*7789-59-5	See: TH4750000
*7789-60-8	See: TH4460000
*7789-61-9	See: CC4400000
*7789-67-5	See: XP8300000
*7789-69-7	See: TH3980000
*7789-75-5	See: EW1760000
*7789-82-4	See: EW2975000
7789-83-5	See: XF6400000
*7789-89-1	See: TZ8750000
*7789-90-4	See: UE2800000
*7789-92-6	See: TZ9450000
*7789-99-3	See: AI9300000
7790-01-4	See: WW9100000
7790-03-6	See: AS6650000
*7790-07-0	See: AU9625000
*7790-12-7	See: MJ1925000
7790-28-5	See: SD4550000
7790-29-6	See: VL8925000
*7790-30-9	See: XG5425000
*7790-40-1	See: WK9450000
*7790-47-8	See: XQ3675000
*7790-59-2	See: VS6600000
*7790-69-4	See: QU9200000
*7790-78-5	See: EV0178000
*7790-79-6	See: EV0700000
*7790-84-3	See: EV2850000
*7790-86-5	See: FK5075000
*7790-91-2	See: FO2800000
*7790-93-4	See: FN9750000
*7790-94-5	See: FX5730000
*7790-98-9	See: SC7520000
*7790-99-0	See: NN1650000
*7791-10-8	See: WK8375000
*7791-11-9	See: VL8575000
*7791-12-0	See: XG4200000
*7791-13-1	See: GG0200000
*7791-18-6	See: OM2975000
*7791-19-7	See: FO0200000
*7791-20-0	See: QR6480000
*7791-23-3	See: VS7000000
*7791-25-5	See: WT4870000
*7791-26-6	See: YR4200000
*7791-27-7	See: UX8310000
*7795-91-7	See: KJ8660000
7799-56-6	See: TX9690000
*7803-49-8	See: NC2975000
*7803-51-2	See: SY7525000
*7803-52-3	See: WJ0700000
*7803-54-5	See: OM2350000
*7803-55-6	See: YW0875000
*7803-57-8	See: MV8050000
*7803-62-5	See: VV1400000
*7803-68-1	See: WY2350000
*8000-25-7	See: VL0445000
*8000-26-8	See: TK5500000
8000-26-8	See: TK4750000
*8000-27-9	See: FJ1520050
*8000-28-0	See: OF6110000
*8000-29-1	See: GE8750000
8000-34-8	See: GF6900000
*8000-42-8	See: EY6300000
*8000-46-2	See: LY4055000
*8000-48-4	See: LE2530000
8000-66-6	See: FH4550300
*8000-68-8	See: RW5500000
*8000-96-2	See: FD3502000
8001-15-8	See: JY5075000
8001-19-2	See: IH2050000
*8001-22-7	See: WG4862000
8001-23-8	See: VN2230000
*8001-25-0	See: RK4300000
*8001-26-1	See: OI9690000
*8001-28-3	See: GQ6300000
*8001-29-4	See: GN2815000
*8001-30-7	See: GM4800000
*8001-31-8	See: GG6040000
*8001-35-2	See: XW5250000
8001-40-9	See: OJ2173000
*8001-50-1	See: WZ6400000
*8001-54-5	See: BO3325000
*8001-54-5	See: BO3150000
*8001-58-9	See: GF8615000
*8001-61-4	See: CP2350000
8001-64-7	See: GL3500000
*8001-69-2	See: GG8385000
8001-74-9	See: FL7560000
*8001-79-4	See: FI4100000
*8001-85-2	See: ED0780000
*8001-88-5	See: DW3000000
8001-95-4	See: BC9560000
8001-97-6	See: BC8055000
8002-01-5	See: AV3740000
*8002-03-7	See: RX2830000
*8002-05-9	See: SE7175000
*8002-05-9	See: SE7449000
*8002-09-3	See: TK5100000
*8002-66-2	See: FL7180000
*8002-74-2	See: RV0350000
8002-75-3	See: RJ3696300
8002-76-4	See: RU3940000
8002-89-9	See: AJ4550000
*8003-03-0	See: DG0935000
*8003-05-2	See: OW8575000
8003-06-3	See: KI1090000
*8003-08-5	See: TU5010070
*8003-19-8	See: TX9800000
*8003-22-3	See: GE5925000
*8003-31-4	See: DG7506000
*8003-34-7	See: UR4200000
8003-98-3	See: TF5100000
*8004-09-9	See: PB6325000
*8004-13-5	See: DV1500000
*8004-87-3	See: GC8425000
8005-43-4	See: VE5700000
*8005-49-0	See: TG6150000
8006-25-5	See: KE8750000
*8006-28-8	See: VX9650000
8006-38-0	See: AR5950000
*8006-39-1	See: WZ6600000
8006-58-4	See: VP5250000
*8006-61-9	See: LX3300000
*8006-64-2	See: YO8400000
*8006-75-5	See: IN5500000
*8006-78-8	See: OE9500000
8006-80-2	See: RJ3400000
*8006-81-3	See: ZF9116000
*8006-82-4	See: EC3450000
*8006-83-5	See: NH5085000
*8006-84-6	See: LJ2550000
*8006-90-4	See: SC6125000
*8006-95-9	See: RJ3725000
*8006-99-3	See: FM2997000
*8007-00-9	See: SE3600000
*8007-00-9	See: SE3599000
*8007-01-0	See: VL0460000
*8007-01-0	See: VL0457000
*8007-02-1	See: OG8257000
8007-04-3	See: MT1620000
*8007-04-3	See: MT1625000
*8007-08-7	See: LY9480000
*8007-11-2	See: RM2660000
*8007-12-3	See: RI8225000
*8007-20-3	See: FJ1520000
*8007-45-2	See: GF8600000
8007-46-3	See: XP2000000
*8007-56-5	See: MW4100000
*8007-70-3	See: BZ4200000
*8007-75-8	See: DS0500000
*8007-80-5	See: FI4050000
*8007-87-2	See: GR7747000
*8008-20-6	See: OA5500000
*8008-26-2	See: RI7270000
*8008-45-5	See: RJ3694800
*8008-46-6	See: RI7900000
*8008-51-3	See: EX1490000
*8008-52-4	See: GM3150000
*8008-56-8	See: OG8300000
*8008-56-8	See: OG8370000
*8008-57-9	See: RI8600000
*8008-74-0	See: VU3940000
*8008-79-5	See: WG7360000
*8008-88-6	See: CP2290000
*8008-94-4	See: MD2007000
8011-47-0	See: EX1300000
*8011-60-7	See: OC2885000
8011-76-5	See: WU1700000
8012-34-8	See: OV8650000
*8012-54-2	See: CG3200000
*8012-74-6	See: OJ9280000
*8012-75-7	See: GB2800000
*8012-91-7	See: NY9870000
*8012-95-1	See: PY8030000
8012-96-2	See: NO1700000
*8013-10-3	See: NY9872000
8013-11-4	See: VT6000000
8013-38-5	See: NK1925000
*8013-76-1	See: RI8649000
*8013-77-2	See: VQ2000000
*8013-86-3	See: GZ9090000
*8013-90-9	See: NO0700000
*8013-97-6	See: GL5000000
*8014-09-3	See: RW7126400
*8014-13-9	See: GS1305000
*8014-19-5	See: RT4945000
*8014-29-7	See: VM1605000
*8014-95-7	See: WS5605000
*8015-01-8	See: OP9700000
*8015-12-1	See: RC8990000
*8015-14-3	See: RC8964500
*8015-18-7	See: UW5969200
*8015-19-8	See: BV8515250
*8015-29-0	See: RC9020000
*8015-30-3	See: RC9025000
8015-34-7	See: VN9100000
8015-35-8	See: AG9000000
*8015-43-8	See: UU4850000
8015-51-8	See: TU7525000
8015-54-1	See: OO7175000
*8015-55-2	See: YS7890000
*8015-64-3	See: BW1980000
*8015-64-3	See: BW1960000
*8015-65-4	See: BV3325000
*8015-73-4	See: CR3325000
*8015-79-0	See: RI7000000
*8015-88-1	See: FI0790000
*8015-96-1	See: GE1460000
*8015-97-2	See: GF6890000
*8015-98-3	See: GF6910000
*8016-03-3	See: HB7960000
*8016-20-4	See: RI7199000
*8016-23-7	See: ME6270000
*8016-31-7	See: OK2420000
*8016-38-4	See: QQ0960000
*8016-45-3	See: TK3683000
*8016-63-5	See: GF1170000
*8016-68-0	See: VQ6250000
*8016-69-1	See: VX8125000
*8016-85-1	See: WW4480000
*8016-87-3	See: WW5450000
*8016-88-4	See: KG5900000
*8016-96-4	See: YY3180000
*8017-59-2	See: BD9115000
8017-78-5	See: VV1050000
*8018-01-7	See: ZB3200000
8018-15-3	See: DJ2360000
*8021-27-0	See: AA4350000
*8021-29-2	See: LK5100000
*8021-39-4	See: GO5870000
*8022-00-2	See: TG1760000
*8022-15-9	See: OF6097500
*8022-37-5	See: CI1725000
*8022-56-8	See: VN3015000
*8022-81-9	See: RJ0460000
8023-53-8	See: BO3200000
*8023-75-4	See: QN4850000
*8023-80-1	See: LY0218000
*8023-84-5	See: RJ3690300
*8023-85-6	See: FJ1535000
*8023-88-9	See: GN1775000
*8023-89-0	See: JX8730000
*8023-91-4	See: LW6050000
*8023-94-7	See: MT6995000
*8023-95-8	See: RJ3694000
*8024-14-4	See: HE7200000
*8024-37-1	See: GS3777000
*8025-81-8	See: WG9400000
*8027-85-8	See: YS2793000
*8028-73-7	See: CG1335000
8028-89-5	See: EY5635000
*8029-29-6	See: CP2975000
*8030-30-6	See: DE3030000
*8030-30-6	See: SE7555000
*8030-55-5	See: MG1035000
*8030-78-2	See: BT2670000
*8031-00-3	See: LP4365000
*8031-03-6	See: PY7954000
*8031-04-7	See: RM3440000
8034-17-1	See: JY2625000
8036-61-1	See: LL1235000
8036-62-2	See: LL1105000
8036-63-3	See: LL1110000
*8037-19-2	See: XR7355000
8037-96-5	See: OA6300000
*8038-11-7	See: OC5151000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
8039-98-3	See: QC3150000
*8041-44-9	See: TU9152000
*8044-51-7	See: HF9500000
*8045-75-8	See: OA1850000
*8047-15-2	See: VQ1400000
*8047-28-7	See: KE8815000
*8047-67-4	See: NO7700000
8048-31-5	See: DH2525000
*8048-52-0	See: AR9660000
*8049-17-0	See: LK1400000
*8049-19-2	See: LK1300000
8049-62-5	See: NM8976000
*8050-07-5	See: RK3250000
*8050-88-2	See: FJ5691300
*8051-02-3	See: YX5950000
*8051-58-9	See: KO9525000
*8052-16-2	See: AU1400000
*8052-41-3	See: WJ8925000
*8052-42-4	See: CI9900000
*8053-83-6	See: IH2010000
*8054-70-4	See: EM2277000
8055-87-6	See: GP7878700
*8056-51-7	See: JF8300000
*8056-92-6	See: RC8964200
*8057-51-0	See: GO4986000
*8057-54-3	See: XP3356720
*8057-62-3	See: RW7121000
8059-76-5	See: TO8795000
*8059-82-3	See: VE9290000
*8059-83-4	See: EI7351000
8061-51-6	See: OI6174000
*8062-14-4	See: DB5950000
*8063-06-7	See: GS3325000
*8063-11-4	See: CJ0100000
*8063-14-7	See: EX6300000
8063-18-1	See: WK0900000
*8063-77-2	See: FF6485000
*8064-08-2	See: TU3686000
8064-12-8	See: LZ4300000
*8064-18-4	See: AF9557000
*8064-35-5	See: PX4520050
8064-60-6	See: TV1050000
*8064-66-2	See: TU4140000
*8064-76-4	See: RC8945400
8064-77-5	See: EJ9960000
*8064-79-7	See: UQ8290000
*8064-83-3	See: AB8417000
*8064-90-2	See: UV8240000
*8065-36-9	See: FC3510000
8065-36-9	See: FC3515000
*8065-48-3	See: TF3150000
*8065-71-2	See: UA9020000
8065-75-6	See: AW2200000
8065-81-4	See: TR1581500
*8065-83-6	See: EW8180000
*8065-91-6	See: TU3775000
8065-92-7	See: UC8450000
*8066-01-1	See: TX9665000
8066-21-5	See: ZH3105000
8066-27-1	See: XM6890000
*8066-33-9	See: TY3342200
8066-49-7	See: TZ8585800
*8067-11-6	See: CY9569900
*8067-24-1	See: KE8800000
*8067-82-1	See: TU4157230
8067-85-4	See: XH8440000
*8068-28-8	See: GH1650000
8068-44-8	See: GF3899000
*8068-77-7	See: DG7506100
*8069-64-5	See: WM3750000
*8069-76-9	See: JF7350000
8071-40-7	See: EZ7320000
*8072-20-6	See: KJ7780000
*8075-78-3	See: RC8945300
*8077-30-3	See: CR0660000
*8077-38-1	See: DG7506200
*9000-01-5	See: CE5945000
*9000-02-6	See: BD8650000
*9000-07-1	See: FI0700000
9000-11-7	See: FJ5700000
9000-28-6	See: LY8935000
9000-29-7	See: ME6260000
*9000-30-0	See: MG0185000
9000-36-6	See: WI9370000
*9000-40-2	See: OJ8690000
*9000-55-9	See: TP8925000
*9000-64-0	See: CP2355000
*9000-65-1	See: XW7750000
*9000-70-8	See: LX8580000
9001-00-7	See: EF8575000
9001-05-2	See: FI4378000
9001-06-3	See: FM6205000
9001-28-9	See: EC6045000
9001-33-6	See: LK3675000
9001-37-0	See: RQ8452000
*9001-47-2	See: MA2275050
*9001-54-1	See: MT7260000
9001-63-2	See: OL5987000
*9001-67-6	See: QQ3450000
*9001-73-4	See: RU4950000
9001-75-6	See: SC6132000
*9001-86-9	See: SZ6116000
*9001-92-7	See: UK9540000
*9002-01-1	See: OB8880000
9002-04-4	See: XO8950000
*9002-07-7	See: YN5075000
9002-13-5	See: YU1700000
*9002-18-0	See: AW7950000
*9002-60-2	See: GM7900000
*9002-61-3	See: MD6953000
*9002-62-4	See: TW2895000
*9002-64-6	See: RV9323000
*9002-67-9	See: OK6367000
*9002-68-0	See: LP6330000
*9002-69-1	See: VG0720000
*9002-71-5	See: XP3581600
*9002-72-6	See: TO7385000
*9002-84-0	See: KX4025000
*9002-86-2	See: KV0350000
*9002-88-4	See: TQ3325000
*9002-89-5	See: TR8100000
9002-92-0	See: JR5990000
*9002-92-0	See: JR5970000
*9002-92-0	See: JR5960000
*9002-92-0	See: JR5955000
*9002-92-0	See: MD0875000
*9002-93-1	See: MD0907700
*9003-00-3	See: AT6976000
*9003-01-4	See: AT4680000
*9003-04-7	See: WD6826000
9003-05-8	See: AS3700000
*9003-07-0	See: UD1842000
*9003-11-6	See: MD0911050
*9003-11-6	See: MD0911100
*9003-11-6	See: MD0911300
*9003-11-6	See: MD0911200
*9003-11-6	See: MD0911500
*9003-13-8	See: TR4680000
*9003-20-7	See: AK0920000
*9003-22-9	See: AK0950000
9003-34-3	See: TQ2750000
*9003-39-8	See: TR8360000
*9003-39-8	See: TR8170000
*9003-39-8	See: TR8350000
*9003-39-8	See: TR8250000
*9003-39-8	See: TR8160000
*9003-39-8	See: TR8180000
*9003-39-8	See: TR8300000
*9003-39-8	See: TR8370000
*9003-53-6	See: WL6475000
*9003-54-7	See: AT6978000
*9003-55-8	See: WL6478000
*9003-56-9	See: AT6970000
9003-98-9	See: RF0750000
*9004-06-2	See: JX7069000
*9004-07-3	See: GC3050000
*9004-10-8	See: NM8894000
*9004-17-5	See: NM8912800
*9004-32-4	See: FJ5950000
*9004-51-7	See: NO6210000
9004-53-9	See: HH9450000
*9004-54-0	See: HH9232500
*9004-54-0	See: HH9230000
*9004-54-0	See: HH9235000
*9004-54-0	See: HH9247500
*9004-54-0	See: HH9240000
*9004-54-0	See: HH9245000
9004-57-3	See: FJ5950500
9004-62-0	See: FJ5958000
*9004-64-2	See: NF9050000
9004-65-3	See: NF9125000
*9004-66-4	See: NO6875000
*9004-66-4	See: NI2200000
*9004-67-5	See: FJ5959000
*9004-70-0	See: QW0975200
*9004-70-0	See: QW0970000
*9004-70-0	See: QW0975100
*9004-70-0	See: QW0976000
*9004-70-0	See: QW0975180
*9004-74-4	See: PE8263000
9004-74-4	See: PE8271000
*9004-74-4	See: PE8268000
9004-81-3	See: TQ8701000
9004-86-8	See: MC9620000
*9004-96-0	See: MD0880000
*9004-96-0	See: TQ9100000
*9004-98-2	See: RK2800000
*9004-98-2	See: TR1585000
*9004-98-2	See: RK2975000
9004-98-2	See: RK2775000
*9004-98-2	See: RK3150000
*9004-99-3	See: TQ5800000
*9004-99-3	See: QH5280000
9004-99-3	See: TQ5600000
*9004-99-3	See: TQ5640000
*9004-99-3	See: QH5255000
*9004-99-3	See: TQ5400000
*9004-99-3	See: TQ5950000
*9004-99-3	See: MD0907300
*9005-00-9	See: WI6475000
9005-00-9	See: WI6300000
9005-08-7	See: TQ4400000
*9005-08-7	See: TQ4375000
*9005-25-8	See: GM5090000
*9005-27-0	See: WI0410000
*9005-32-7	See: AZ5775000
9005-35-0	See: AZ5810000
9005-37-2	See: UJ1585000
*9005-38-3	See: AZ5820000
*9005-46-3	See: FI3540000
*9005-49-6	See: MI0700000
*9005-53-2	See: OI6000000
*9005-64-5	See: WG2931000
*9005-64-5	See: TR7400000
*9005-65-6	See: WG2932500
*9005-66-7	See: WG2933000
*9005-67-8	See: WG2934000
9005-70-3	See: WG2934500
*9005-71-4	See: WG2934600
*9005-81-6	See: FJ4100000
*9006-00-2	See: TP3710000
*9006-04-6	See: VL8020000
*9006-42-2	See: TR6250000
9007-12-9	See: XP3560000
*9007-13-0	See: EW3970000
9007-16-3	See: AT4683000
*9007-40-3	See: GQ7530000
9007-43-6	See: HA5365000
*9007-48-1	See: UA0800000
9007-56-1	See: JW5600000
*9007-62-9	See: JY7445000
*9007-73-2	See: LK0500000
9007-78-7	See: LL1258000
*9007-81-2	See: LS6860000
*9007-92-5	See: LZ3980000
*9008-34-8	See: OP0957000
*9008-47-3	See: AU0350000
9008-54-2	See: GE5075000
9008-57-5	See: MD0907900
9008-97-3	See: TJ3470000
9008-99-5	See: TO6871000
*9009-54-5	See: TR7875000
*9009-65-8	See: UK9450000
*9009-72-7	See: UP1226000
*9009-86-3	See: VJ2625000
9009-96-5	See: VP8100000
9010-06-4	See: WD6827000
*9010-47-3	See: YP8205000
9010-53-1	See: YU8409000
*9010-69-9	See: VG7116000
*9010-98-4	See: EI9660000
*9011-04-5	See: MO1400000
*9011-05-6	See: YU1610000
*9011-06-7	See: KV9750000
9011-13-6	See: VG7555000
*9011-14-7	See: TR0400000
9011-65-8	See: LL1150000
*9011-70-5	See: TQ0950000
9011-93-2	See: OL5985000
9012-00-4	See: UK9440000
9012-59-3	See: EW9450000
*9012-87-7	See: GH0380500
9013-31-4	See: CD9365000
9013-42-7	See: JW4761500
*9014-01-1	See: CO9550000
*9014-02-2	See: QO6780000
*9014-72-6	See: UH4429200
9014-92-0	See: WZ5075000
*9015-68-3	See: CI9000000
*9015-73-0	See: HH9250000
*9016-00-6	See: TQ2690000
9016-01-7	See: RM2200000
*9016-45-9	See: WZ4725000
*9016-45-9	See: WZ4750000
*9016-45-9	See: WZ4375000
9016-45-9	See: WZ4200000
*9016-45-9	See: MD0905000
*9016-45-9	See: MD0900000
*9016-87-9	See: TR0320000
*9025-26-7	See: FI5560000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
9031-11-2	See: LW5840000
9032-19-6	See: QO2775000
*9034-34-8	See: MW3864000
*9034-40-6	See: OK6372000
9036-06-0	See: UK9595000
*9036-19-5	See: RI0525000
*9036-19-5	See: RI0710000
9036-19-5	See: RI0720000
*9036-19-5	See: RI0175000
*9036-19-5	See: MD0907600
9036-88-8	See: OP1949500
*9038-95-3	See: MD0911000
9038-95-3	See: RR0550000
*9038-95-3	See: YP8320000
*9038-95-3	See: YP8460000
*9038-95-3	See: YP8595000
*9038-95-3	See: YP8400000
*9038-95-3	See: YP8310000
*9038-95-3	See: YP8430000
*9038-95-3	See: YP8410000
*9038-95-3	See: YP8470000
*9038-95-3	See: YP8420000
*9038-95-3	See: YP8450000
9039-53-6	See: OB8900000
*9039-61-6	See: UK9588000
*9041-29-6	See: RL1070030
*9041-93-4	See: EC5991990
*9042-71-1	See: LZ5851500
9045-73-2	See: EX4355000
*9045-81-2	See: UT2990000
9046-56-4	See: UK9575000
*9049-05-2	See: FI0705000
9049-76-7	See: NF9240000
*9056-38-6	See: QZ7825000
*9057-00-5	See: TV6975000
*9060-10-0	See: EC5991200
9061-57-8	See: CJ5600000
9061-82-9	See: FI0710000
*9062-68-4	See: MS3450400
9063-87-0	See: OM4958000
*9064-47-5	See: MS3450700
*9072-36-0	See: OJ0895600
9074-07-1	See: UK9576000
*9076-25-9	See: SC6200000
9078-78-8	See: CK8650000
*9082-07-9	See: GA8410000
*9083-23-2	See: KD8012000
*9084-06-4	See: EC4850000
*9086-60-6	See: FJ5775000
*9087-70-1	See: YN5080000
10001-43-1	See: XH6494000
*10004-44-1	See: NY2932000
*10008-75-0	See: WM7645000
*10008-90-9	See: WH6870500
*10010-36-3	See: WJ4300000
*10015-99-3	See: AE2982000
*10016-01-0	See: AN3630000
*10016-03-2	See: AB8766000
*10016-05-4	See: AE2984000
*10016-06-5	See: AE2103400
*10016-07-6	See: AE2103300
*10016-08-7	See: AE1420000
*10016-09-8	See: AE2980000
*10016-10-1	See: AE2870000
*10016-11-2	See: AC2500000
*10016-12-3	See: AC2520000
*10016-13-4	See: AB4546910
*10016-14-5	See: AC2710000
*10016-15-6	See: AC2540000
*10016-16-7	See: AB4946930
*10016-20-3	See: GU2292000
*10022-31-8	See: CQ9625000
*10022-60-3	See: AU9650600
*10022-68-1	See: EV1850000
*10023-25-3	See: DE6300000
10024-58-5	See: HD9400000
*10024-70-1	See: ET5250000
10024-74-5	See: HQ7000000
*10024-78-9	See: RH7000000
*10024-89-2	See: QE5075000
10024-90-5	See: AM9275000
10024-93-8	See: QO8750000
*10024-97-2	See: QX1350000
10025-09-9	See: SA0600000
10025-64-6	See: SD0525000
*10025-65-7	See: TP2275000
*10025-67-9	See: WS4300000
*10025-69-1	See: XP8850000
*10025-70-4	See: WK8575000
*10025-73-7	See: GB5425000
*10025-74-8	See: JW0700000
*10025-76-0	See: LE7525000
10025-77-1	See: NO5425000
*10025-78-2	See: VV5950000
*10025-82-8	See: NL1400000
*10025-85-1	See: QW9740000
*10025-87-3	See: TH4897000
10025-90-8	See: TU0700000
*10025-91-9	See: CC4900000
10025-97-5	See: NO3610000
*10025-98-6	See: TT4100000
*10025-99-7	See: TP1850000
*10026-03-6	See: VS7875000
*10026-04-7	See: VW0525000
*10026-06-9	See: XP8870000
*10026-07-0	See: WY2635000
10026-08-1	See: XG5475000
*10026-10-5	See: YR4025000
*10026-11-6	See: ZH7175000
10026-12-7	See: QU0350000
*10026-13-8	See: TB6125000
*10026-17-2	See: GG0770000
*10026-22-9	See: QU7355500
*10026-24-1	See: GG3200000
*10027-06-2	See: AT4025000
*10027-64-2	See: WX0410000
*10028-15-6	See: RS8225000
*10028-18-9	See: QR6825000
*10028-22-5	See: NO8505000
10028-70-3	See: WZ1400000
10029-04-6	See: AT1835000
*10030-29-2	See: MF3685300
*10031-13-7	See: OF8600000
*10031-18-2	See: OV7410000
*10031-43-3	See: GL7875000
10031-53-5	See: LE8050000
10031-58-0	See: UU4025000
*10031-59-1	See: XG6600000
*10031-82-0	See: CU6100000
*10031-96-6	See: SJ4551000
*10032-00-5	See: AK5225000
*10032-02-7	See: RG5926000
*10032-15-2	See: ET5675000
10033-92-8	See: XM9185000
10034-20-5	See: LZ6574000
*10034-81-8	See: SC8925000
*10034-82-9	See: GB2958300
*10034-85-2	See: MW3760000
10034-88-5	See: VZ1870000
*10034-93-2	See: MV9625000
10035-05-9	See: FN9850000
*10035-10-6	See: MW3850000
*10036-47-2	See: QX0175000
*10038-98-9	See: LY5225000
*10039-32-4	See: TC5725000
*10039-33-5	See: XP7525000
*10039-54-0	See: NC5425000
*10040-45-6	See: SM8720000
10042-59-8	See: MJ4800000
*10042-76-9	See: WK9800000
10042-77-0	See: WO5965000
10042-84-9	See: AJ0525000
10042-88-3	See: WY9100000
10042-89-4	See: WN0800000
*10043-01-3	See: BD1700000
*10043-09-1	See: JG9100000
*10043-16-0	See: EK6600000
*10043-18-2	See: UA7875000
*10043-35-3	See: ED4550000
*10043-52-4	See: EV9800000
*10045-34-8	See: NI3432000
*10045-42-8	See: DD9092000
*10045-89-3	See: WS5850000
*10045-94-0	See: OW8225000
10045-95-1	See: QO9800000
10047-96-8	See: BP8224600
10047-97-9	See: TM3165000
*10048-13-2	See: LV1750000
*10048-32-5	See: UQ0525000
*10048-95-0	See: CG0900000
*10049-04-4	See: FO3000000
*10049-05-5	See: GB5250000
*10049-07-7	See: VI9275000
*10049-08-8	See: VM2650000
10049-60-2	See: EO5200000
10049-83-9	See: UT4890000
10050-04-1	See: JO5570000
*10058-20-5	See: WM5425000
10058-46-5	See: QO8925000
10058-60-3	See: KJ4335000
10058-61-4	See: BP8224500
10058-62-5	See: TM3155000
10058-63-6	See: KJ4362000
10058-64-7	See: KJ4355000
10058-92-1	See: CZ1709500
*10060-12-5	See: GB5450000
*10061-01-5	See: UC8325000
*10061-02-6	See: UC8320000
10061-22-0	See: DP0525000
10061-40-2	See: KJ2100000
10061-64-0	See: UE2977000
10065-57-3	See: AY3050000
*10072-24-9	See: AR8050000
*10072-25-0	See: AR7525000
10072-50-1	See: TR1255000
10077-83-5	See: DD8060000
10078-25-8	See: TL7700000
*10080-80-5	See: TE1410000
10083-53-1	See: DE8250000
*10085-81-1	See: KJ4550000
*10086-50-7	See: SA6950000
10087-77-1	See: GU7172700
*10087-89-5	See: GU7175000
10088-87-6	See: GY4200000
10088-95-6	See: UQ1360000
10090-37-6	See: KJ4363000
*10091-92-6	See: DF7954000
*10094-34-5	See: ET0130000
*10097-26-4	See: OZ3700000
10099-57-7	See: SG8575000
*10099-58-8	See: OE4375000
*10099-59-9	See: OE5075000
10099-60-2	See: OE5400000
10099-66-8	See: OK8400000
10099-67-9	See: OK8925000
*10099-70-4	See: ON1400000
10099-71-5	See: ON1750000
*10099-72-6	See: ON2800000
*10099-73-7	See: ON3325000
*10099-74-8	See: OG2100000
*10099-76-0	See: OG4025000
*10101-41-4	See: EW4150000
*10101-50-5	See: SD6650000
*10101-53-8	See: GB7200000
*10101-68-5	See: OP1200000
*10101-83-4	See: WE3850000
10101-88-9	See: TG4200000
*10101-89-0	See: TC9575000
*10101-97-0	See: QR9600000
*10102-06-4	See: YR3805000
10102-15-5	See: WE2200000
10102-17-7	See: WE6660000
*10102-18-8	See: VS7350000
*10102-20-2	See: WY2450000
*10102-23-5	See: VS6720000
*10102-40-6	See: QA5085000
*10102-43-9	See: QX0525000
*10102-44-0	See: QW9800000
*10102-45-1	See: XG5950000
*10102-49-5	See: NO4585000
*10102-50-8	See: NO4580000
*10102-53-1	See: CG0760000
*10103-15-8	See: WP1225000
*10103-50-1	See: CG1050000
*10103-89-6	See: VD1650000
*10108-56-2	See: GX1050000
10108-61-9	See: TI4200000
*10108-64-2	See: EV0175000
10108-73-3	See: FK6280000
*10111-02-1	See: DD8952000
10112-91-1	See: WX9700000
10117-10-9	See: UF4105000
10117-11-0	See: AH8830000
*10117-38-1	See: WT3530000
10118-32-8	See: AU1595000
10118-72-6	See: UC8925000
*10118-76-0	See: EW3860000
*10118-90-8	See: QI7630000
*10119-31-0	See: ZH7200000
*10121-94-5	See: BZ7000000
10123-62-3	See: KI6650000
*10124-36-4	See: EV2700000
*10124-37-5	See: EW2985000
10124-41-1	See: XN6430000
*10124-43-3	See: GG3100000
*10124-48-8	See: OV7020000
*10124-50-2	See: CG3800000
10124-53-5	See: XN6550000
*10124-56-8	See: GY3675000
10124-65-9	See: JR3640000
10125-76-5	See: DV5650000
10125-86-7	See: YE1300000
10127-36-3	See: SG3325000
*10136-65-9	See: TK4586000
10137-65-2	See: MO7200000
10137-67-4	See: UF0500000
*10137-69-6	See: VV2800000
10137-73-2	See: KN8420000
*10137-74-3	See: FN9800000
10137-80-1	See: BY0350000

BEST COPY AVAILABLE

CAS No.	RTECS No.
10137-87-8	See: DP5075000
*10137-90-3	See: RA9700000
*10137-96-9	See: KL7640000
*10137-98-1	See: KL4550000
10138-10-0	See: WM3400000
10138-17-7	See: JH0700000
10138-19-9	See: SL1950000
10138-21-3	See: VV3325000
10138-32-6	See: DT5200000
*10138-34-8	See: ET0700000
10138-36-0	See: RN8080000
10138-39-3	See: RN7525000
*10138-41-7	See: KD8575000
*10138-44-0	See: UP9100000
10138-46-2	See: AK4050000
*10138-47-3	See: KL0700000
10138-52-0	See: LW4025000
10138-59-7	See: GU9275000
*10138-60-0	See: MQ0175000
10138-62-2	See: MS7350000
10138-63-3	See: MU4900000
*10138-74-6	See: KJ6475000
*10138-79-1	See: VV6825000
*10138-87-1	See: KL0875000
*10138-89-3	See: EK7175000
10138-99-5	See: UE6450000
10139-98-7	See: YM3575000
10140-04-2	See: TL6214000
10140-06-4	See: TL0605500
10140-08-6	See: TK9125000
10140-09-7	See: TL6455000
10140-75-7	See: TY5075000
10140-81-5	See: WN0510000
10140-84-8	See: KI1080000
10140-87-1	See: KK4200000
*10140-89-3	See: UE0875000
10140-90-6	See: TD1575000
10140-91-7	See: SY6125000
10140-93-9	See: TD1750000
10140-94-0	See: TD1925000
10140-96-2	See: MQ7175000
*10140-97-3	See: WL4200000
*10140-99-5	See: UE0630000
*10141-00-1	See: GB6845000
*10141-05-6	See: GG1109000
10141-07-8	See: GQ3150000
*10141-15-8	See: SA5950000
*10141-19-2	See: KQ4550000
*10141-22-7	See: UE1050000
*10143-20-1	See: RA7600000
10143-22-3	See: EY9700000
*10143-23-4	See: SA6650000
10143-31-4	See: WM3500000
10143-53-0	See: KN9700000
10143-54-1	See: UG2850000
*10143-56-3	See: KL7875000
10143-57-4	See: VV3599000
*10143-60-9	See: KN3175000
*10143-66-5	See: EJ9275000
*10143-67-6	See: AP2100000
10156-28-2	See: EZ4204000
10157-93-4	See: FZ6300000
10157-96-7	See: FZ5775000
10157-97-8	See: FZ6275500
10159-05-4	See: NW6690000
*10159-46-3	See: TD0897000
10160-68-6	See: KJ2012500
10160-73-3	See: KJ2620500
10160-78-8	See: KJ0445950
*10161-84-9	See: TA8600000
*10161-85-0	See: TE6400000
*10163-15-2	See: TE6130000
*10165-13-6	See: KX5250000
10165-17-0	See: FC6488000
10165-33-0	See: CB5735000
10166-07-1	See: NX4915500
10168-80-6	See: KD9050000
10168-81-7	See: LW4550000
10169-00-3	See: BR6650000
10171-69-4	See: NW6720000
10171-76-3	See: IQ0175000
*10171-78-5	See: TX8050000
10173-29-2	See: VD1400000
10174-55-7	See: VB4810000
*10176-39-3	See: FH4919500
10182-82-8	See: UT7610000
*10185-00-9	See: DJ2260150
*10187-79-8	See: AC6200000
10187-80-1	See: AC6220000
10187-84-5	See: XZ4929500
10187-86-7	See: XZ3880000
10187-89-0	See: XZ4905000
10187-90-3	See: XZ5260000
*10192-29-7	See: FN9760000
*10192-30-0	See: WT3595000
10193-52-9	See: XZ1060100
10193-95-0	See: EK0600000
*10196-04-0	See: WT3505000
10196-18-6	See: ZH4775000
10196-39-1	See: RQ6830000
*10197-71-4	See: TI2780000
*10199-89-0	See: DF8002400
10210-36-3	See: MD6300000
*10210-68-1	See: GG0300000
*10212-25-6	See: LV2615000
10213-09-9	See: YW1590000
10213-15-7	See: OM3756000
*10213-74-8	See: UF3500000
*10213-75-9	See: UG2100000
*10213-77-1	See: UB8050000
10215-25-5	See: XJ0370000
*10215-33-5	See: UA7525000
10220-20-9	See: TM7900000
10220-35-6	See: DL3800000
10222-01-2	See: AB5956000
10231-34-2	See: BQ3506000
10232-90-3	See: JH7350000
*10232-91-4	See: UG1925000
*10232-92-5	See: ET9625000
*10232-93-6	See: ON0175000
10233-88-2	See: MD6210000
*10235-09-3	See: TG4025000
*10236-47-2	See: QN6340000
10238-05-8	See: BS1715000
10238-07-0	See: BP5752400
10238-08-1	See: BQ2031500
10238-09-2	See: BS1710000
10238-10-5	See: BO8789050
10238-11-6	See: BP5752700
10238-12-7	See: BQ2702600
10238-13-8	See: BS1700000
*10238-21-8	See: YS4725200
10238-70-7	See: KD1575000
*10241-05-1	See: QA4690000
10242-13-4	See: DJ2400000
10243-44-4	See: NW6770000
10243-45-5	See: NW6730000
*10246-73-8	See: GV7420000
10253-83-5	See: XI4810000
10254-99-6	See: CB7176000
*10255-14-8	See: DN8981000
10256-71-0	See: NW6880000
10256-77-6	See: XT5740000
10258-54-5	See: AG4350000
10258-80-7	See: DL7062600
10261-48-0	See: CV5045000
10261-49-1	See: CV5635000
10261-50-4	See: CV3456000
10261-51-5	See: CV5680000
10261-52-6	See: CV5055000
10262-69-8	See: KJ4552000
10263-44-2	See: GD7500000
10264-18-3	See: YV6000000
*10265-92-6	See: TB4970000
*10265-93-7	See: TB5000000
10273-07-1	See: CV2441350
10275-21-5	See: SM5470000
10275-85-1	See: QK4550000
10275-95-3	See: GW0400000
10277-43-7	See: OE5250000
*10282-34-5	See: UY1780300
*10288-18-3	See: KL1750000
*10288-31-0	See: XI0670000
10290-01-4	See: NQ5075000
*10290-12-7	See: CG3385000
*10294-30-1	See: MD5425000
*10294-33-4	See: ED7400000
*10294-34-5	See: ED1925000
*10294-40-3	See: CQ8760000
10294-41-4	See: FK6300000
*10294-50-5	See: TB9279500
10294-54-9	See: FL0800000
*10294-70-9	See: XQ3650000
10297-57-1	See: RA7930000
10298-80-3	See: BZ8580000
10303-47-6	See: TC5500000
10305-38-1	See: TY6814000
10305-41-6	See: TY4725000
10308-44-8	See: BS4034000
10309-37-2	See: SL3785000
*10309-79-2	See: MU8925000
*10310-21-1	See: UO7502000
*10310-38-0	See: TA2305000
10311-45-2	See: CB4025000
*10311-84-9	See: TD5165000
*10312-19-3	See: TE0570000
*10312-20-6	See: TD7750000
10312-36-4	See: NR3443000
10312-83-1	See: AB2940000
10312-87-5	See: KQ7315000
10316-79-7	See: GY4620000
10318-18-0	See: HA2200000
10318-23-7	See: NX0175000
*10318-26-0	See: LW5425000
10319-70-7	See: PB4602000
10320-87-3	See: YR0200000
*10322-73-3	See: JF7952000
10324-58-0	See: TN2250000
*10325-94-7	See: EV1750000
*10326-21-3	See: FO0175000
*10326-24-6	See: CG3890000
*10326-27-9	See: CQ8751000
10326-82-6	See: UU7876500
10326-84-8	See: UU7876700
10326-85-9	See: UU7876600
10326-86-0	See: UU78768..
10327-87-4	See: XZ4590000
10328-31-1	See: CM6160000
10328-51-5	See: CM6140000
*10328-58-2	See: AB5965410
10328-92-4	See: DM3140000
*10329-95-0	See: TI5609700
*10329-96-1	See: TI5609710
10330-67-3	See: CU8810000
10331-57-4	See: DV5075000
10332-33-9	See: SC7320000
*10335-79-2	See: QL0850000
10337-38-9	See: LU5870000
10337-39-0	See: LU5830000
10337-40-3	See: LU5840000
10337-41-4	See: QJ7010000
10337-42-5	See: QJ7017000
10337-43-6	See: QJ7018000
10337-44-7	See: QJ6965000
10337-45-8	See: QJ6980000
10337-46-9	See: QJ6975000
*10339-55-6	See: RA5395000
10344-38-4	See: DJ3230000
10344-82-8	See: UI2275000
10346-91-5	See: SP0686000
*10347-38-3	See: WQ2450000
10347-74-7	See: LU5810000
*10347-81-6	See: KJ4555000
10350-69-3	See: RO0811000
*10350-81-9	See: GO7350000
*10356-76-0	See: HA3350000
*10356-92-0	See: LZ4375000
10359-57-6	See: TY9100000
*10361-03-2	See: OY3750000
*10361-37-2	See: CQ8750000
10361-44-1	See: EB2984400
10361-79-2	See: TU0175000
10361-80-5	See: TU1225000
10361-82-7	See: VP2625000
10361-84-9	See: VQ8925000
10361-91-8	See: ZG2100000
*10361-92-9	See: ZG3150000
*10361-93-0	See: ZG3675000
*10361-95-2	See: ZH1350000
10365-94-3	See: DC1958000
10368-20-4	See: SZ7560000
10371-42-3	See: DH6920000
*10371-86-5	See: UU8840000
*10377-48-7	See: OJ6419000
*10377-60-3	See: OM3750000
*10377-66-9	See: QU9780000
*10377-98-7	See: OD5775000
*10378-48-0	See: WK7900000
*10379-14-3	See: DF0525000
*10380-28-6	See: VC5250000
*10380-77-5	See: TN4698000
10381-05-2	See: BZ6250000
10382-35-1	See: YJ8950400
*10385-00-9	See: AD9634500
*10387-13-0	See: CA9365000
10388-95-1	See: TN3730000
*10388-98-4	See: UZ1053000
10389-22-7	See: DN9210000
10389-51-2	See: QE7405000
*10389-72-7	See: SH1150000
10390-80-4	See: DL3195000
10394-64-6	See: BY4100000
10394-96-4	See: OO3748000
10395-29-6	See: NT1993700
10395-30-9	See: NT1998500
*10397-75-8	See: NT1999400
10397-76-9	See: NT1993500
10397-78-1	See: NT1993300
10400-20-1	See: QT0900000
10401-25-9	See: DJ1370000

BEST COPY AVAILABLE

CAS No.	RTECS No.
10401-26-0	See: DJ0460000
*10402-33-2	See: AJ2465000
*10402-52-5	See: SG8600000
10402-53-6	See: UH1599500
10402-62-7	See: DF3675000
*10405-02-4	See: WH1317560
*10405-70-6	See: MA2803000
*10405-71-7	See: MA2804000
*10415-75-5	See: OW8000000
*10415-87-9	See: SA7624000
*10416-59-5	See: AK3000000
*10419-79-1	See: SZ7110000
*10421-48-4	See: QU8915000
10423-37-7	See: HO7700000
10424-92-7	See: CU7375000
10425-33-9	See: MU4300000
10427-00-6	See: LU9175000
*10428-19-0	See: JN8735000
10429-12-6	See: DC8530000
10429-13-7	See: DC8490000
10429-15-9	See: BP6450000
10429-25-1	See: DJ1330000
10429-27-3	See: DJ1380000
10429-28-4	See: DJ0470000
10429-33-1	See: DC8510000
10429-34-2	See: DC7650000
10429-35-3	See: UH9500000
10429-37-5	See: JL9350000
10429-40-0	See: UX9765000
10429-51-3	See: UI0710000
10429-52-4	See: UI0720000
10429-55-7	See: TM2992500
10429-56-8	See: UI0673000
10429-57-9	See: SH0250000
10429-58-0	See: NK3851000
10429-64-8	See: DJ1800000
10429-82-0	See: DP1588000
*10431-86-4	See: CM6475000
*10433-59-7	See: ES9275000
10433-63-3	See: NJ5040000
*10436-39-2	See: UD1925000
10445-22-4	See: XZ5460000
*10447-38-8	See: VD4830000
*10448-84-7	See: UY1350000
*10453-86-8	See: GZ1310000
10453-89-1	See: GZ1270000
*10457-58-6	See: HN1775000
*10457-59-7	See: HN1875000
10458-04-5	See: KV2905000
*10465-10-8	See: GO8151000
10465-18-6	See: UN0700000
*10465-27-7	See: AJ3890000
10466-65-6	See: TT4550000
10471-29-1	See: OA8225000
10473-74-2	See: UK5083000
*10476-81-0	See: WK8050000
*10476-35-4	See: WK8400000
10476-86-5	See: WK9275000
10476-95-6	See: UC9800000
*10477-72-2	See: AF5456000
10479-30-8	See: AB6300000
10480-24-7	See: XZ5440000
*10482-16-3	See: VC0700000
*10484-03-4	See: OH3167000
*10484-36-3	See: DA5350000
10486-00-7	See: SC7350000
10488-32-1	See: YP2450000
*10488-36-5	See: KR9100000
10497-05-9	See: TC9700000
10498-85-8	See: BQ2740000

CAS No.	RTECS No.
10515-47-6	See: VN7860000
10515-48-7	See: VN8860000
*10515-72-7	See: WM4650000
*10519-11-6	See: QL3447000
*10519-12-7	See: QL3448000
10526-63-3	See: AY6060000
*10535-87-2	See: DP4900000
10537-01-6	See: LU5820000
10537-02-7	See: LU5860000
10537-03-8	See: LU5850000
*10537-47-0	See: OO3737000
10538-32-6	See: SP4200000
10539-37-4	See: TB4R50000
10539-40-9	See: TB2640000
10539-41-0	See: TB3965000
*10540-29-1	See: KR5919600
*10543-95-0	See: UC2625000
*10544-72-6	See: QX1575000
*10544-73-7	See: QX1960000
*10545-99-0	See: WS4500000
*10546-24-4	See: QM4025000
10546-70-0	See: CV5800000
*10547-30-5	See: VT9626300
*10550-19-3	See: GN7545000
*10550-20-6	See: GN7547000
*10550-21-7	See: GN6654000
*10550-22-8	See: GN7546000
*10550-23-9	See: GN7548000
*10550-24-0	See: GN7610000
*10550-25-1	See: GN6657000
*10550-27-3	See: GN7596000
*10550-28-4	See: GN6656000
*10552-94-0	See: UY7360000
10553-79-4	See: XA5278000
10553-85-2	See: XA5270000
10554-09-3	See: DG6200000
10557-82-1	See: NY2940000
10563-68-5	See: HO9360000
*10563-70-9	See: CB0875000
10563-71-0	See: CB1000000
10565-55-6	See: TH8832500
10565-58-9	See: TH8807000
10565-59-0	See: TH8842500
10565-60-3	See: TH8845000
10565-61-4	See: TH8805000
10565-62-5	See: TH8827500
10565-63-6	See: TH8812500
10565-64-7	See: TH8820000
10565-65-8	See: TH8815000
10565-66-9	See: TH8450000
10565-70-5	See: NK7588000
10565-71-6	See: NK7550000
10565-72-7	See: NK6970000
10565-73-8	See: NK6940000
10565-74-9	See: NK7575000
10565-75-0	See: NK7540000
10565-76-1	See: NK8700000
10565-77-2	See: NK8650000
10565-82-9	See: NQ7188000
10565-83-0	See: NQ7195000
10565-84-1	See: QK0370000
10565-86-3	See: NR3525000
10565-88-5	See: NM1895000
10565-90-9	See: NM2200000
10566-51-5	See: CB0790000
10567-30-3	See: AS4600000
10571-21-8	See: DJ1820000
10573-22-5	See: NI4020000
*10577-14-7	See: TE0630000
*10580-52-6	See: YW1575000

CAS No.	RTECS No.
*10580-77-5	See: KN2275000
10583-85-4	See: NI8520000
*10584-98-2	See: WH7125000
10585-57-6	See: VL1400000
*10588-01-9	See: HX7700000
10588-99-5	See: TH8822500
10589-00-1	See: TH8801000
10589-01-2	See: TH7670000
*10589-74-9	See: YT9720000
*10592-13-9	See: QI8925000
10593-16-5	See: AI9640000
10593-17-6	See: QJ0678000
10593-57-4	See: UV0362000
10593-78-9	See: UO3460000
*10595-95-6	See: KR9200000
10597-52-1	See: DD9790000
*10598-82-0	See: NI7961500
10598-87-5	See: VT5075000
*10599-90-3	See: FN0275000
10603-03-9	See: UQ1350000
*10603-92-6	See: BT3675000
10605-10-4	See: DV6825000
*10605-21-7	See: DD6500000
10606-88-9	See: TD5125000
11001-74-4	See: VC8940000
11002-18-9	See: EX7850000
11002-21-4	See: FI2975000
11002-22-5	See: CE3260000
*11002-88-3	See: CL1089600
11002-90-7	See: CK9670000
11002-91-8	See: CL4725000
11003-23-9	See: CL8380000
11003-24-0	See: CL8400000
*11003-70-6	See: VR2625000
11003-88-6	See: LZ0420000
11003-95-5	See: LZ5300000
11004-30-1	See: WF0197000
11004-65-2	See: QG8453000
11005-45-1	See: VQ5080000
11005-49-5	See: EI3290000
*11005-63-3	See: WL1180000
*11005-70-2	See: FH5088000
11005-92-8	See: FJ9600000
*11005-94-0	See: GO4915000
11005-96-2	See: HB4777000
11005-98-4	See: HH1330000
11006-00-1	See: LZ2835000
11006-14-7	See: KF1380000
11006-22-7	See: LK8030000
11006-27-2	See: PY8810000
11006-29-4	See: PZ1992000
11006-30-7	See: QA3710000
11006-31-8	See: QA5702000
11006-33-0	See: SY0540000
*11006-33-0	See: SY0525000
11006-41-0	See: NI0674000
11006-43-2	See: OP9479000
11006-46-5	See: SC6250000
11006-47-6	See: TQ1755300
11006-50-1	See: TV6170000
11006-66-9	See: JR4950000
*11006-70-5	See: RK4385000
11006-72-7	See: VE2128000
11006-74-9	See: VJ8590000
11006-76-1	See: ZA4850000
11006-77-2	See: WI0510000
11006-78-3	See: WI8120000
*11006-83-0	See: XH7525000
11006-86-3	See: YQ1070000
11006-90-9	See: JW7740000

CAS No.	RTECS No.
11000-92-1	See: FW6475000
11011-00-0	See: AU1810000
11011-27-1	See: CB9362260
11011-28-2	See: CB9629500
11011-29-3	See: CB9690000
*11011-31-7	See: CB9870200
11011-38-4	See: CI7570000
11011-39-5	See: CJ6030000
11011-72-6	See: EC7600000
11011-73-7	See: EE1536500
11012-65-0	See: GS2195200
*11012-90-1	See: HF8655000
11013-97-1	See: DJ2979400
11014-58-7	See: OE1960000
11014-59-8	See: OE2150000
*11014-70-3	See: OI0251000
*11015-37-5	See: QA3020000
11015-47-7	See: QP8600000
11015-84-2	See: RN1350000
11016-07-2	See: SD4500000
11016-27-6	See: CB4584250
11016-29-8	See: TP9715000
*11016-71-0	See: VL9115000
*11016-72-1	See: VL9305000
11017-35-9	See: VS6362900
11017-43-9	See: VX0600000
11018-89-6	See: RN3850000
*11018-93-2	See: XH7670000
11019-66-2	See: CB9130000
*11021-13-9	See: LY9536100
*11021-14-0	See: LY9536300
*11021-66-2	See: VJ8595000
11021-88-8	See: YX4555000
11022-62-1	See: LZ4500000
*11024-24-1	See: IH2050050
*11028-71-0	See: GK6890000
11029-13-3	See: JZ6240000
*11029-29-1	See: KO4660800
11029-61-1	See: MD8230000
11029-70-2	See: MH5810000
*11029-72-4	See: MS8420500
11029-95-1	See: NQ7175000
11030-13-0	See: NY5645200
11030-16-3	See: NY5645250
11030-31-2	See: OE2104000
11031-02-0	See: RZ3327000
11031-09-7	See: SY0577000
*11031-11-1	See: SY0550000
11031-13-3	See: SY0560000
*11031-15-5	See: SY0570000
11031-16-6	See: SY0575000
*11031-48-4	See: VQ4200000
*11031-82-6	See: WK5886000
*11032-05-6	See: WY1982000
11032-08-9	See: XH7530000
*11032-12-5	See: YP0525000
11032-41-0	See: KE8775000
11032-44-3	See: EI2961100
*11032-79-4	See: EI6201400
*11033-22-0	See: NI2931500
11033-23-1	See: GD6252000
11033-34-4	See: QI9456000
11033-65-1	See: OH2825000
*11034-63-2	See: OD6475000
11034-66-5	See: CJ0140000
*11035-38-4	See: MG1589600
11037-26-6	See: OP5250000
*11041-12-6	See: FZ9310000
*11041-92-2	See: QP4235000
11042-62-9	See: RF7170000

BEST COPY AVAILABLE

CAS No.	RTECS No.
11043-31-5	See: CF5301000
11043-72-4	See: RT1925000
11043-89-3	See: WN9165000
11043-98-4	See: PZ3500000
11043-99-5	See: PZ3675000
*11048-13-8	See: QO2672000
11048-44-5	See: CB9360700
11048-45-6	See: CB9651050
11048-46-7	See: CB9376160
*11048-92-3	See: MG1578700
11048-97-8	See: CB4584400
11049-00-6	See: NG8859500
11049-05-1	See: YP0480000
11049-15-3	See: OL9330000
*11050-62-7	See: NR3950000
11050-90-1	See: QH0405000
*11050-94-5	See: RK3330000
11051-45-9	See: ZF6340000
11051-53-9	See: NI0645000
11051-88-0	See: DK3529000
11051-89-1	See: GH1280000
*11052-01-0	See: KE9150000
*11052-32-7	See: OE3420000
*11052-69-0	See: KD1146300
*11052-70-3	See: KD1146200
*11052-72-5	See: RK3335000
11052-79-2	See: RT2100000
*11052-94-1	See: VL0462500
11053-04-6	See: VU9130000
11053-05-7	See: VU9135000
11053-61-5	See: ED6800000
11054-16-3	See: QI1275000
11054-36-7	See: TJ9000000
*11054-42-5	See: UO4552000
11054-63-0	See: YN9660000
11054-70-9	See: GP3950000
11055-06-4	See: LT5270000
*11056-06-7	See: EC5988000
11056-12-5	See: GE5300000
11056-18-1	See: VR3620000
*11056-20-5	See: ZI2300000
11067-81-5	See: DB7700000
11067-82-6	See: DB7875000
*11069-19-5	See: EM4730000
*11069-34-4	See: EK4550000
*11070-19-2	See: VM2651450
*11071-15-1	See: CC7350000
*11071-47-9	See: SB2715000
11072-82-5	See: CB4584600
11072-93-8	See: KF6298500
11075-34-6	See: XM6828530
11075-36-8	See: YO3370500
*11075-87-9	See: OJ1140000
11076-00-9	See: CE7785000
*11076-25-8	See: FH4919950
11076-50-9	See: XE9040000
11076-62-3	See: YX5775000
*11076-67-8	See: RY7537000
11076-76-9	See: LK8232000
*11077-03-5	See: RT6475000
11078-21-0	See: LK4400000
11078-23-2	See: GL5300000
*11080-14-1	See: QQ4496000
11081-39-3	See: TR0840000
11081-47-3	See: CB4584300
11082-38-5	See: ZG9210000
11085-39-5	See: LT2960000
11085-49-7	See: OL3800000
*11089-65-9	See: YO7980200
11091-12-6	See: XR2064000
11091-33-1	See: CB9953980
11091-34-2	See: CE7780000
11091-45-5	See: VI1710000
11091-50-2	See: CB9743000
*11094-61-4	See: KD8010000
*11096-18-7	See: GR7903000
11096-26-7	See: KF5885000
*11096-42-7	See: KL9625000
*11096-49-4	See: RW5690000
*11096-82-5	See: TQ1362000
*11097-67-9	See: AU1925500
*11097-69-1	See: TQ1360000
11098-05-8	See: AZ7748000
*11098-67-2	See: VE2140500
*11098-73-0	See: VE2141500
*11098-75-2	See: VE2141000
*11100-14-4	See: TQ1366000
*11100-29-1	See: RL1070000
*11103-86-9	See: GA9170000
11104-01-1	See: CB9376186
*11104-28-2	See: TQ1352000
11105-11-6	See: YO7840000
*11107-01-0	See: YO7350000
*11111-23-2	See: OJ6908000
11111-49-2	See: EM4905000
*11112-10-0	See: CC3065000
*11113-64-7	See: NI1913000
11113-80-7	See: TR1578600
*11114-18-4	See: OI3370000
*11114-46-8	See: LK0750000
*11114-92-4	See: GF9180000
11115-82-5	See: JZ4107000
11115-98-3	See: QA5460000
*11116-31-7	See: EC5988500
*11116-32-8	See: EC5990500
11118-72-2	See: CD0174900
11119-62-3	See: AQ9720000
*11120-29-9	See: TQ1370000
*11121-32-7	See: RW7750000
*11121-48-5	See: VL0434500
*11121-57-6	See: TK5540000
11126-10-6	See: LL2657500
11126-42-4	See: TQ1390000
*11128-99-7	See: BW2160000
11130-50-0	See: GE5560000
11130-59-9	See: JP7110000
11130-68-0	See: VH5375000
11130-70-4	See: VQ1925000
*11133-78-1	See: VW0550000
*11133-98-5	See: GL5830000
*11135-81-2	See: TT5790000
*11138-49-1	See: BD1600000
11138-87-7	See: OE4900000
*11139-65-4	See: ED4805000
11139-76-7	See: AZ7746200
11139-88-1	See: HD9410000
*11140-68-4	See: XR2110000
*11141-16-5	See: TQ1354000
*12001-26-2	See: VV8760000
*12001-28-4	See: CI6479000
*12001-29-5	See: CI6478500
*12001-47-7	See: EB2625000
*12001-79-5	See: ZA9040000
12001-85-3	See: QK9275000
*12001-86-4	See: CC7930000
*1200[illegible]-89-7	See: GB5800000
*12002-03-8	See: GL6475000
*12002-19-6	See: OV3200000
*12002-43-6	See: LY9148000
*12002-48-1	See: DC2090000
12002-53-8	See: GU8450000
*12005-86-6	See: WB2775000
12007-56-6	See: EV9300000
*12007-97-5	See: QA4681000
*12008-41-2	See: JN4950000
*12009-21-1	See: CR0875000
*12010-67-2	See: EB3130000
*12011-76-6	See: HB8550000
12012-95-2	See: RT3510000
*12013-10-4	See: GG3310000
*12018-19-8	See: GB7595000
12030-85-2	See: TT3500000
*12030-88-5	See: TT6053000
*12031-80-0	See: OJ6407500
*12033-59-9	See: VT0184000
*12034-12-7	See: WE2860010
*12035-39-1	See: QS0635000
*12035-72-2	See: QR9800000
*12036-10-1	See: VM2654000
*12037-82-0	See: TH3870000
*12039-52-0	See: XG6300000
*12040-48-1	See: GE0407000
*12040-56-1	See: OW6125000
*12041-76-8	See: DO0875000
*12042-91-0	See: BD0550000
12046-71-8	See: HD1750000
*12047-11-9	See: CQ9520800
*12054-48-7	See: QR7040000
*12056-53-0	See: TT6720000
*12057-74-8	See: OM4200000
12058-74-1	See: WE5270000
*12058-85-4	See: WD6475000
12063-98-8	See: LW9675000
12067-99-1	See: TH5650000
12068-85-8	See: NO6835000
*12069-69-1	See: GL6910000
*12070-12-1	See: YO7250000
*12071-83-9	See: ZH4950000
*12075-68-2	See: BD1950000
12078-32-9	See: NO4820000
*12079-65-1	See: OO9720000
12082-08-5	See: GB4700000
12086-40-7	See: BQ6055000
*12089-29-1	See: GB5900000
12107-76-5	See: HR8402000
*12108-13-3	See: OP1450000
*12111-24-9	See: MB8210000
12113-02-9	See: XR2056000
12113-37-0	See: XR1952000
12116-66-4	See: MG4815000
*12122-67-7	See: ZH3325000
12124-97-9	See: BO9170000
*12124-99-1	See: BS4900000
*12125-01-8	See: BQ6300000
*12125-02-9	See: BP4550000
*12125-03-0	See: TT5850000
12125-09-6	See: TA2350000
*12125-56-3	See: QR7045000
*12125-77-8	See: QA4700000
*12135-76-1	See: BS4920000
*12136-15-1	See: OW8576000
*12137-13-2	See: QR8927000
*12142-88-0	See: QS0400000
*12161-82-9	See: DS1225000
*12164-94-2	See: BO4596150
*12165-69-4	See: TH4520000
*12172-73-5	See: CI6477000
*12174-11-7	See: RT6400000
*12192-57-3	See: MD6475000
12193-25-8	See: WC7225000
12193-78-1	See: OB3750000
12194-11-5	See: GB6225000
*12208-54-7	See: BS0480000
12212-79-2	See: OJ5735000
12225-61-5	See: GE5084000
12226-14-1	See: GE5105000
12226-61-8	See: GE5150000
12232-99-4	See: VZ1750000
12235-21-1	See: GC5800300
*12236-46-3	See: FZ1305000
12236-89-4	See: GE5082000
12244-57-4	See: MD5435000
12249-63-7	See: VW5005500
*12259-92-6	See: BS4027000
12261-99-3	See: GW2090000
*12262-58-7	See: GW2029000
*12262-58-7	See: GW2040000
*12262-58-7	See: GW2030000
*12263-85-3	See: BD1810000
*12264-18-5	See: AH4080000
12270-86-9	See: GE5115000
12275-13-7	See: FA7175000
*12291-11-1	See: LK0725000
12294-20-1	See: HD2010000
*12298-68-9	See: TT6840000
12379-49-6	See: CX7175000
*12397-35-2	See: TS7760000
*12400-16-7	See: DS5050000
*12401-86-4	See: WC4800000
*12407-86-2	See: FC8410000
*12407-86-2	See: FC8225000
*12408-07-0	See: UG4800000
*12427-38-2	See: OP0700000
12436-28-1	See: WB2930000
*12504-13-1	See: WL0175000
*12510-42-8	See: KF0115000
*12540-13-5	See: GL5792000
*12542-36-8	See: MD7360000
*12542-85-7	See: BD1970000
*12550-17-3	See: CC7900000
*12558-71-3	See: AH5280000
12584-58-6	See: NM8895000
*12604-53-4	See: LK0900000
*12604-58-9	See: LK2900000
*12607-92-0	See: BD1280000
12607-93-1	See: WX1274000
*12609-84-6	See: XM6828300
12609-89-1	See: BU2829900
12611-40-4	See: KD8925000
12611-51-7	See: QO9450000
12611-57-3	See: VP2975000
12614-71-0	See: CB9650070
*12623-78-8	See: AU1925000
*12624-02-1	See: HH9870000
12624-22-5	See: SN4000000
12626-13-0	See: VI1700000
*12626-15-2	See: PY5248000
12626-18-5	See: JH5000000
12626-19-6	See: CB9753600
12626-28-7	See: CB9376630
*12626-36-7	See: EV2350000
*12626-37-8	See: EX5020000
12626-79-8	See: OC7760000
12627-30-4	See: WZ3500000
*12627-35-9	See: RY7535000
12627-37-1	See: YM0440000
12627-38-2	See: YM0800000
12628-96-5	See: WM2540000
*12629-02-6	See: ZA7072000
12634-05-8	See: DU5650000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*12634-34-3	See: OM0550000
12640-36-7	See: CL3538000
12640-81-2	See: GU4780000
*12640-89-0	See: VT0200010
12642-23-8	See: TQ1385000
12645-45-3	See: NO3600000
12650-67-8	See: YV9350400
12650-69-0	See: RA6907000
12650-70-3	See: YV9350300
12650-71-4	See: NM7524800
12650-72-5	See: YV9350600
12650-88-3	See: OL5989000
12653-62-2	See: LW9650000
*12653-83-7	See: WP4100000
12656-40-5	See: XJ3500000
*12656-43-8	See: BD0390000
12656-69-8	See: JO4200000
*12656-85-8	See: QA4660000
*12663-46-6	See: GU2100000
*12672-29-6	See: TQ1358000
*12674-11-2	See: TQ1351000
12676-47-0	See: LS6700000
*12676-71-0	See: QU2200000
*12676-73-2	See: RI5934400
12677-11-1	See: PZ2950000
*12684-33-2	See: UY8495000
12687-98-8	See: VL0456000
12687-99-9	See: CB9722800
12688-25-4	See: NY9263400
12689-28-0	See: UL0352000
12698-47-4	See: HA6210000
12698-48-5	See: HA6220000
12698-49-6	See: HA6240000
12698-50-9	See: HA6250000
12698-52-1	See: HG4108000
12698-99-6	See: YC9820000
*12704-90-4	See: QA2809000
*12706-94-4	See: UW7350200
12707-60-7	See: WW3500000
12712-28-6	See: TY3325000
*12718-69-3	See: YO7525000
12728-25-5	See: HG6833000
*12735-97-6	See: BT5700000
*12737-18-7	See: EW4010000
*12737-87-0	See: TQ1374000
12750-79-7	See: CB9374000
12750-80-0	See: CB9395590
12751-44-9	See: VG7750000
*12758-74-6	See: FZ4037000
12764-47-5	See: PY4200000
*12764-54-4	See: UX9641800
12764-55-5	See: HA6200000
12764-56-6	See: ZF9103000
*12765-82-1	See: WP4103000
12766-33-5	See: YD0180000
*12769-53-8	See: GB7870000
12770-33-1	See: CB9726000
12770-40-0	See: VG4888000
*12770-50-2	See: DS2200000
*12771-68-5	See: UV9280000
*12771-72-1	See: JH4920000
*12772-06-4	See: GS4360000
12772-56-4	See: CA9554000
12772-57-5	See: RR1105000
12772-68-8	See: OL5975000
*12772-80-4	See: CP4600000
12778-21-1	See: WL7533500
*12778-32-4	See: EI6201000
*12788-93-1	See: TB8490000
*12789-46-7	See: TC6700000
12789-58-1	See: XM6828500
12789-59-2	See: XM6828510
12789-60-5	See: XM6828520
12793-14-5	See: QU0400000
12794-09-1	See: XO8577500
*12794-10-4	See: DE8746000
*12794-92-2	See: BD0360000
12795-38-9	See: TP5900000
12795-70-9	See: YP8210000
12795-78-7	See: YJ8950000
12798-63-9	See: RN1320000
*13001-46-2	See: FG1581000
13002-43-2	See: BQ9750000
13002-44-3	See: BP7520000
13002-45-4	See: BQ2708000
*13002-65-8	See: KR5919500
*13004-40-5	See: DJ2270000
*13004-61-6	See: NR2326000
13004-56-3	See: VD6300000
*13007-92-6	See: GB5075000
13007-93-7	See: GL6483000
*13009-91-1	See: XZ2710000
13009-98-8	See: GU7015000
*13009-99-9	See: XT5250000
*13010-07-6	See: MF4643000
*13010-08-7	See: ME8970000
*13010-10-1	See: MF4630000
13010-20-3	See: YT9715000
*13010-47-4	See: YS4900000
13012-71-0	See: MV5100000
13012-93-6	See: DL9450000
13012-98-1	See: TD0805000
*13013-17-7	See: UB7510000
13013-78-0	See: NT1999000
13014-84-1	See: UI0900000
13017-67-9	See: GZ2220000
13018-50-3	See: HD7113000
*13019-22-2	See: HE2095000
13021-50-6	See: UB5350000
13021-54-0	See: UB2450000
*13021-96-0	See: SP0683000
13022-80-5	See: HM0630000
*13025-29-1	See: FF8575000
*13026-50-1	See: DN7250010
*13029-08-8	See: DV3900000
13029-18-0	See: XT7358800
*13029-44-2	See: SL0582000
13031-76-0	See: XN0181600
13037-08-6	See: EZ3190000
*13037-20-2	See: FD8892150
*13037-23-5	See: FD8892100
*13037-24-6	See: FD7775000
*13037-25-7	See: FD7750000
*13037-29-1	See: FD7745000
*13037-31-5	See: FD7735000
*13037-36-0	See: FD8693000
*13037-37-1	See: FD8691000
*13037-38-2	See: FD7580000
*13037-40-6	See: FD8892435
*13037-41-7	See: FD8892300
*13037-42-8	See: FD8892430
13037-43-9	See: QJ1725000
13037-55-3	See: VI7875000
13037-71-3	See: SJ8750000
13040-98-7	See: QI7610500
*13042-18-7	See: DP4790000
13045-62-0	See: TJ7527000
*13045-94-8	See: AY3370000
13046-06-5	See: PB2780000
13046-10-1	See: PB2070000
13048-88-9	See: BT0730000
13051-01-9	See: VO5250000
*13051-49-5	See: SA8146500
13052-11-4	See: BR5650000
13055-76-0	See: HO7525000
*13055-82-8	See: XH5099000
*13056-98-9	See: XY0450000
13058-67-8	See: OK3850000
13060-68-9	See: SM8325000
*13061-80-8	See: MQ0350000
13062-82-3	See: DN4850000
*13062-95-8	See: SH8121000
13063-01-9	See: SH3150000
*13063-04-2	See: DF4935500
13063-43-9	See: OO3740000
13064-72-7	See: NT1997500
13065-33-3	See: VO4385000
13065-34-4	See: VO2650000
13065-35-5	See: VO6225000
13065-36-6	See: VO5270000
13065-37-7	See: VO6170000
13065-38-8	See: VO2900000
*13065-64-0	See: OB2710000
*13067-93-1	See: TB1750000
*13070-01-4	See: TN4224000
13071-27-7	See: QE7220000
*13071-79-9	See: TD7200000
*13072-89-4	See: XF8882000
13073-11-5	See: XA5287100
13073-13-7	See: HM1206000
13073-14-8	See: HM1210000
13073-15-9	See: NS4750000
13073-16-0	See: XA5287200
13073-17-1	See: XA5287000
13073-18-2	See: HM1200000
*13073-35-3	See: ES6825300
*13073-86-4	See: YE2400000
*13074-00-5	See: BV7992000
13074-85-6	See: VP2800000
13074-91-4	See: GE7650000
*13078-45-0	See: UB5606000
13078-70-1	See: BP8750000
*13078-71-2	See: SH3147000
13078-72-3	See: SH2450000
13078-73-4	See: SH3940000
13078-74-5	See: BP9275000
13078-75-6	See: SH3235000
13080-10-9	See: ES7174950
13080-22-3	See: AH3731500
13080-23-4	See: ET5427000
13080-24-5	See: AI8969200
*13080-89-2	See: BY8955000
*13082-24-1	See: OB2700000
13083-37-9	See: DE1110000
13087-45-1	See: VO6215000
13087-46-2	See: BP2950000
*13087-53-1	See: NT1981800
13088-00-1	See: TH8830000
13088-02-3	See: CB0930000
*13092-75-6	See: VW3304000
13093-88-4	See: TN7700000
13094-10-5	See: VO2640000
13094-41-2	See: QJ0702000
13096-15-6	See: QT0885000
13096-16-7	See: QT0895000
13096-17-8	See: QS4240000
13096-19-0	See: QS4220000
13096-21-4	See: US2250000
13096-22-5	See: US2230000
*13097-08-0	See: US4673360
*13098-39-0	See: UC2660000
13100-95-3	See: VO6165000
*13104-21-7	See: TB8460000
*13104-29-5	See: TE4100000
*13104-70-6	See: MV8982000
*13106-47-3	See: DS2400000
*13106-76-8	See: QA4900000
*13107-39-6	See: XT2420000
*13115-24-7	See: AL0788000
*13115-28-1	See: QM4375000
13115-40-7	See: SP5300000
*13116-74-0	See: HE5078000
*13116-77-3	See: HE5078500
*13116-78-4	See: HE5081000
*13116-79-5	See: XV0950000
*13116-80-8	See: XV0940000
13117-20-9	See: NS1248500
13117-21-0	See: NS1248000
*13118-09-7	See: UY4430000
13118-10-0	See: OO7350000
*13119-01-2	See: SZ4368300
*13121-70-5	See: WH8750000
*13121-71-6	See: WH5800000
*13122-18-4	See: SE0553000
*13127-50-9	See: DE7140000
*13132-01-9	See: YT2930000
*13138-45-9	See: QR7200000
*13139-70-3	See: AV2328000
*13146-36-6	See: YV4380000
*13146-39-9	See: QE2920000
*13146-43-5	See: QE4150000
*13146-45-7	See: YT1576000
*13147-25-6	See: KL0350000
13148-56-6	See: XJ2977500
13149-69-4	See: RT9625000
*13150-00-0	See: KK7875000
13153-06-5	See: ER6650000
13160-58-2	See: UT6352000
*13163-06-9	See: XY8598100
13166-59-1	See: UV7725000
*13171-18-1	See: KO2282000
*13171-21-6	See: TC2800000
*13171-22-7	See: TC2850000
*13171-25-0	See: TM2976100
13174-08-8	See: JJ5005000
13174-16-8	See: SI2277000
13179-04-9	See: GB7892500
*13181-17-4	See: EG7000000
13181-50-5	See: LQ4567800
13181-62-9	See: LQ3850000
13181-63-0	See: LQ4569600
13182-81-5	See: NI4389000
13183-70-3	See: VV4850000
13183-79-4	See: XF7600000
*13191-15-6	See: HA5590000
*13194-48-4	See: YE4025000
13195-76-1	See: ED5250000
13195-79-4	See: AN0526000
13200-69-6	See: UQ6126000
13200-70-9	See: UQ6129000
13201-85-9	See: YS2695000
*13205-69-1	See: BQ5460000
13208-22-5	See: FE1238000
13209-79-5	See: GQ5730000
13213-88-2	See: DM3678500
*13216-75-6	See: TK8270000
*13220-22-9	See: TK8271000
13221-98-2	See: BQ8090000
13230-22-3	See: NI3386000
13232-00-3	See: PA6670000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
13233-86-8	See: UP0787900
13238-31-8	See: IM2975000
13240-06-7	See: LE7700000
*13241-78-6	See: UQ6475000
13242-44-9	See: KJ1051000
13243-42-0	See: CV2490000
13244-33-2	See: DB4950000
13246-02-1	See: CQ1480000
13254-33-6	See: BP3900000
*13256-06-9	See: JJ1575000
*13256-07-0	See: SC1225000
*13256-11-6	See: SI0770000
*13256-12-7	See: KV4375000
*13256-13-8	See: YZ0700000
*13256-15-0	See: TL1470000
*13256-19-4	See: KL9600000
*13256-21-8	See: XM7250000
*13256-22-9	See: VQ3150000
*13256-23-0	See: UT3675000
*13256-32-1	See: YT0350000
*13257-44-8	See: RB3384000
13259-72-8	See: TM4910000
13259-73-9	See: EO4500000
*13261-62-6	See: LL5250000
13262-31-2	See: VC2860000
*13265-02-6	See: VO6236000
*13265-60-6	See: TE0350000
*13266-07-4	See: TP3922400
13269-35-7	See: NH1050000
*13275-68-8	See: XI3900000
13277-59-3	See: QU7550000
13278-32-5	See: CB3280000
*13279-22-6	See: CM6780000
*13279-24-8	See: CM6770500
13280-07-4	See: ES0725000
*13282-14-9	See: MF1943000
13284-64-5	See: VT3279600
*13284-86-1	See: FZ2280000
13286-13-0	See: SC5600000
*13286-32-3	See: TE6500000
13286-40-3	See: TD9680000
13286-49-2	See: TD9700000
13287-48-4	See: AJ6250000
13287-49-5	See: XL1615000
13287-50-8	See: XK9372500
*13289-18-4	See: EI2958000
13291-74-2	See: WK1971000
13292-22-3	See: KD1600000
13292-45-0	See: KD1923000
*13292-46-1	See: VJ7000000
13292-47-2	See: KD1675000
13292-54-1	See: KD1846000
13296-94-1	See: BW9350000
13299-99-5	See: UR6580000
13300-00-0	See: UR7430000
*13302-06-2	See: WH8585300
*13302-08-4	See: WH8585400
13302-14-2	See: TP4000000
13308-13-9	See: KF2400000
*13309-27-8	See: YY8193000
13311-46-1	See: BS8430000
*13311-57-4	See: CM6755000
*13311-84-7	See: UG5700000
*13312-42-0	See: DJ4910000
13313-18-3	See: UT6350000
13314-51-7	See: LY5248000
13316-70-6	See: BP4375000
13318-09-7	See: OZ3850000
*13319-75-0	See: ED2285000
13322-69-5	See: XZ6136000
*13323-62-1	See: WH6733300
13323-69-8	See: UU4590000
13323-70-1	See: UU4630000
13325-10-5	See: EK9700000
13325-11-6	See: MO8750000
13326-29-9	See: QJ1368000
13326-32-4	See: QJ1367000
13326-33-5	See: QJ1397000
13326-35-7	See: QJ1396000
13326-36-8	See: QJ1391000
13326-37-9	See: QJ1394000
13326-38-0	See: QJ1389000
13326-41-5	See: QJ0610500
13326-45-9	See: QJ0760500
*13327-32-7	See: LS3150000
*13329-34-5	See: AM6913950
*13329-71-0	See: RG4450000
13331-27-6	See: CY8980000
13331-81-2	See: UU7712000
*13337-64-9	See: VB2060000
13338-54-0	See: PB5000000
13338-63-1	See: AM2475000
*13344-50-8	See: VQ3325000
*13345-21-6	See: DJ8225000
13345-23-8	See: DJ8125000
*13345-25-0	See: DJ4995000
*13345-26-1	See: DJ6392800
*13345-50-1	See: UK8050000
*13345-58-9	See: CW5300000
*13345-60-3	See: CX0600000
*13345-61-4	See: CW0875000
*13345-62-5	See: CW1000000
*13345-64-7	See: CX4550000
13347-42-7	See: SK3675000
13349-33-2	See: QJ0946500
13349-34-3	See: QJ0942000
13349-37-6	See: YT0050000
13351-73-0	See: DM1330000
13352-70-0	See: HZ9625000
13354-35-3	See: CB7960000
13354-40-0	See: CB8050000
*13355-00-5	See: JO6100000
*13356-08-6	See: JN8770000
13358-22-0	See: GW6625000
13360-45-7	See: YS2800000
13360-64-0	See: UQ3335500
13361-30-3	See: AG4270000
*13361-31-4	See: AG4250000
13361-32-5	See: AG3690000
13361-53-0	See: AG4150000
13361-94-9	See: TB0875000
13362-35-1	See: GU5432000
13362-36-2	See: GU5433000
13362-38-4	See: GU5427000
13363-00-3	See: AL1350000
*13363-91-2	See: GU1347000
13364-32-4	See: DA0183000
*13364-34-6	See: SH0683000
13364-45-9	See: QK7194000
13364-81-3	See: NK5740000
*13365-38-3	See: AR9100000
*13366-73-9	See: PC8600000
13367-81-2	See: AR9808000
*13367-92-5	See: CH8600000
*13371-56-7	See: SH0684000
*13371-60-3	See: SI0560000
*13371-62-5	See: SH5692000
*13371-64-7	See: SH7886000
*13376-40-4	See: AG6460000
*13380-94-4	See: PC0350000
13382-33-7	See: TL0200000
13382-89-3	See: XJ0220000
13385-09-6	See: AB5826800
13386-09-9	See: DG7375000
13388-08-4	See: KJ4320000
13388-09-5	See: KJ4363500
13388-10-8	See: KJ4340000
13388-11-9	See: KJ4354000
13388-13-1	See: BP8224000
13388-14-2	See: KJ4336000
13388-15-3	See: KJ4314000
13388-28-8	See: KJ4334000
13388-29-9	See: KJ4333000
13388-30-2	See: KJ4352000
13388-31-3	See: KJ4345000
*13391-28-1	See: DF6845500
13392-18-2	See: DO1490000
*13394-86-0	See: DU9100000
13395-16-9	See: GL6520000
13396-41-3	See: OY3850000
*13400-13-0	See: FK9650000
13401-64-4	See: JI4634000
*13402-08-9	See: YR7175000
13402-51-2	See: DH6850000
13403-01-5	See: ET0600000
13407-22-2	See: UU4680000
*13407-95-9	See: HQ1791000
*13410-01-0	See: VS6650000
*13411-16-0	See: UT5023000
*13412-64-1	See: XH8925000
*13413-40-6	See: TA7380000
*13423-60-4	See: XZ5075000
13423-73-9	See: DG8598200
*13424-46-9	See: OF8650000
*13424-46-9	See: OF8670000
13424-83-4	See: VS0800000
13424-87-8	See: CM2250000
13425-22-4	See: RQ4725000
13425-80-4	See: AG6543000
13425-94-0	See: YV9365000
13425-98-4	See: UB6610000
*13426-91-0	See: KH8660000
13426-94-3	See: DP5950000
13430-09-6	See: UH4386500
13430-11-0	See: UG9365000
13430-12-1	See: OB6398500
*13430-13-2	See: AC6338000
13430-14-3	See: PB0477000
13431-48-6	See: CV5640000
*13432-66-1	See: SH1240000
13434-13-4	See: RG9900700
13434-19-0	See: UU5208000
13434-20-3	See: UU5662500
13435-12-6	See: AD0250000
13435-69-3	See: VD6050000
13440-12-5	See: BT0750000
13440-13-6	See: BS7930000
13440-16-9	See: BS7830000
13440-17-0	See: BS0495000
13441-36-6	See: OB6397500
13441-95-7	See: VB2806500
13441-97-9	See: TX7066500
*13442-07-4	See: VB8750000
*13442-08-5	See: VB8925000
*13442-09-6	See: VB9100000
*13442-10-9	See: VB9275000
*13442-11-0	See: VB2975000
*13442-12-1	See: VB3325000
*13442-13-2	See: VB4375000
*13442-14-3	See: VB2100000
*13442-15-4	See: VB9450000
*13442-16-5	See: VB9625000
13443-29-3	See: DG9850000
*13444-14-9	See: DM4917000
*13444-85-4	See: QX0470000
*13446-10-1	See: SD6400000
*13446-34-9	See: OO9650000
*13446-48-5	See: RA0770000
*13446-73-6	See: VL8600000
13446-74-7	See: VL8740000
*13448-22-1	See: TL1570000
13449-19-9	See: WO7183400
13449-20-2	See: WO7183450
13450-72-1	See: HP3010000
13450-90-3	See: LW9100000
13450-92-5	See: LY5220000
*13450-97-0	See: SC9920000
13451-19-9	See: WY9625000
13451-80-4	See: DM4896500
13451-93-9	See: UB5580000
*13451-94-0	See: DD8910000
*13451-95-1	See: DD8900000
13452-85-2	See: XY3550000
*13453-06-0	See: WY2415000
13453-07-1	See: MD5420000
*13453-30-0	See: FO0600000
13453-78-6	See: SC8750000
*13453-80-0	See: TC6593950
13454-96-1	See: TP2275500
*13455-36-2	See: TB9279000
13455-50-0	See: GE7690000
13456-01-4	See: KD1755000
13456-08-1	See: VT3279300
*13457-18-6	See: TF2035000
13458-51-0	See: OI1400000
13460-96-3	See: XH2378700
13460-98-5	See: XH5098600
13461-16-0	See: NI9680000
*13463-39-3	See: QR6300000
*13463-40-6	See: NO4900000
*13463-41-7	See: ZH0950000
*13463-67-7	See: XR2275000
13464-82-9	See: NL1925000
*13465-73-1	See: VV1970000
*13465-95-7	See: SC7550000
*13466-27-8	See: DS2675000
13466-32-5	See: AM8460000
*13466-78-9	See: FH8400000
*13469-52-8	See: AY4025000
13470-26-3	See: YW2750000
13472-33-8	See: WD3675000
*13472-45-2	See: YO7875000
*13473-38-6	See: TN5424000
13473-51-3	See: GL4207500
*13473-90-0	See: BD1040000
13474-03-8	See: AU7490000
13476-05-6	See: KD9100000
*13477-00-4	See: FN9770000
*13477-00-4	See: FN9775000
*13477-10-6	See: NH3480000
*13477-17-3	See: EV2100000
*13477-21-9	See: EV2900000
13477-34-4	See: EW3000000
*13477-36-6	See: SC7600000
*13478-00-7	See: QR7300000
13478-10-9	See: NO5600000
*13478-33-6	See: GG2975000
13479-10-2	See: WO7183250
*13479-19-1	See: XO1605970
*13479-29-3	See: ZD8100000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
13481-63-5	See: XF7750000
13482-49-0	See: TZ8600000
*13483-18-6	See: KH5450000
13484-13-4	See: RN8775000
13492-01-8	See: GZ2625000
*13492-21-2	See: UH1954000
*13494-80-9	See: WY2625000
13494-90-1	See: LW9625000
13494-91-2	See: WS8430000
*13494-98-9	See: ZG3750000
*13495-01-7	See: HY6117000
13497-05-7	See: VH6650000
13500-66-8	See: DC7550000
13500-96-4	See: KJ4318000
13500-99-7	See: KJ4315000
*13501-07-0	See: EL6696000
13501-67-2	See: CB3284000
13502-59-5	See: UV1158000
13508-53-7	See: VV3675000
13509-38-1	See: FD9787000
*13510-49-1	See: DS4800000
13514-27-7	See: PB5010000
*13517-17-4	See: GB2957000
13517-26-5	See: WD7900000
*13517-49-2	See: DT4391250
13519-90-9	See: CZ1943000
*13520-61-1	See: SC9550000
13520-68-8	See: NO7130000
*13520-83-7	See: YR3850000
*13520-92-8	See: ZH7250000
*13520-96-2	See: UT6825000
13521-11-4	See: VT3490000
13522-00-4	See: UQ3800000
*13523-86-9	See: UB6660000
*13528-21-7	See: FE1070000
*13529-51-6	See: KL2850000
*13530-65-9	See: GB3290000
13531-98-1	See: QJ1386500
13531-99-2	See: QJ0755000
13533-18-1	See: AT4200000
*13536-84-0	See: YR4700000
13537-18-3	See: XP0525000
*13537-32-1	See: TE5000000
*13537-45-6	See: MV2300000
13538-10-8	See: SZ8680000
*13539-59-8	See: UQ9835000
*13542-71-7	See: YE2113570
*13548-38-4	See: GB6280000
13548-82-8	See: TL6450000
13549-21-8	See: TL0188000
13551-86-5	See: NI5464500
*13551-87-6	See: NI5572000
*13551-89-8	See: NI5566000
*13552-44-8	See: BY5426000
*13553-79-2	See: KD1925000
13554-11-5	See: CQ2386200
*13554-24-0	See: YE2113550
13559-66-5	See: ED6850000
*13560-99-1	See: AJ8650000
*13561-08-5	See: KN3150000
*13567-07-2	See: BD6195100
13567-11-8	See: BD6195200
13568-03-1	See: SZ5991000
13568-11-1	See: SZ5992000
*13569-63-6	See: VI0875000
*13569-65-8	See: VI9290000
13570-08-6	See: DD5625000
13571-10-3	See: NC3900000
13571-18-1	See: NC4000000
*13573-18-7	See: YK4900000
13576-85-7	See: YT6390000
13586-52-2	See: TN3703000
13589-14-5	See: EY9760000
13589-15-6	See: EZ2625000
13590-71-1	See: SZ9650000
13590-82-4	See: WS6960000
13590-97-1	See: MF1925000
13592-26-2	See: GU1787000
*13593-03-8	See: TF6125000
*13593-08-3	See: TG0420000
13597-11-0	See: ER9560000
13597-72-3	See: TD0791000
*13597-99-4	See: DS3675000
*13598-15-7	See: DS2975000
*13598-36-2	See: SZ6475500
*13600-98-1	See: GF9480000
13601-02-0	See: TP2310000
13602-52-3	See: VC8935000
*13603-07-1	See: TK6026800
13603-10-6	See: TN0280000
*13603-14-0	See: TN3740000
*13607-48-2	See: DB0175000
*13609-67-1	See: GM9002000
*13613-99-5	See: FD9275000
13614-98-7	See: QI7630500
13627-75-3	See: DF3662500
13627-76-4	See: DF3662800
13627-77-5	See: DF3662700
13627-78-6	See: DF3669000
13627-80-0	See: DF3669300
13627-81-1	See: DF3675200
13627-82-2	See: DF3668400
13627-85-5	See: DF3668000
13627-86-6	See: DF3669100
13627-87-7	See: DF3668200
13627-89-9	See: DF3669200
13627-90-2	See: DF3675120
13627-91-3	See: DF3668300
*13629-82-8	See: DU9275000
*13637-63-3	See: FO2975000
*13637-76-8	See: SC8100000
*13637-84-8	See: WT4900000
*13640-47-6	See: DK0710000
*13640-48-7	See: UU6480300
*13640-49-8	See: UU6480400
*13640-50-1	See: QK5054000
*13640-51-2	See: QK5054010
*13640-52-3	See: GY5168010
*13640-53-4	See: GY5168020
*13640-54-5	See: UU6485000
*13640-55-6	See: GY5168000
*13642-29-0	See: UU6482000
*13642-30-3	See: GY5168500
*13642-52-9	See: PB0800000
13644-08-1	See: YJ9260000
*13644-11-6	See: YJ9005000
*13647-35-3	See: BV8044200
*13655-52-2	See: UA5350000
13658-91-8	See: FD8758000
13662-06-1	See: UC3180000
13663-07-5	See: KR3260000
*13665-88-8	See: KM2675000
13669-70-0	See: DM4210000
13674-05-0	See: SH8750000
13674-84-5	See: TC9000000
*13674-87-8	See: UB1473000
13675-27-9	See: AR5600000
*13675-92-8	See: VC2120000
13681-87-3	See: EZ5250000
*13682-73-0	See: GS2168900
13683-91-5	See: FD9076000
13684-36-1	See: FD9022000
*13684-56-5	See: FD0425000
*13684-63-4	See: FD9050000
13684-67-8	See: FD9035000
13684-83-8	See: FD9028000
13684-90-7	See: FD9020000
13689-19-5	See: SZ1600000
*13698-33-4	See: GY8101600
*13699-41-7	See: UV0981000
13705-05-0	See: XY7210000
*13706-09-7	See: XN2985000
*13706-10-0	See: XN2980000
*13706-86-0	See: MO3200000
*13707-88-5	See: UA5425000
13710-17-3	See: LQ1150000
*13710-19-5	See: CB2687500
*13711-97-2	See: GN4930500
13712-53-3	See: SM7595000
*13717-04-9	See: UE4526000
*13718-26-8	See: YW1050000
13721-17-0	See: VB1025000
13721-39-6	See: YW1120000
13724-24-8	See: NT1999700
13724-66-8	See: TM7236100
13724-67-9	See: TM7236200
13738-63-1	See: KN7960000
13738-70-0	See: XU8370000
13739-02-1	See: CB8781000
*13743-07-2	See: YT4915000
*13746-66-2	See: LJ8225000
*13746-89-9	See: ZH8750000
13748-48-6	See: NC2988000
13749-59-2	See: RP2275000
13752-33-5	See: UT5660000
*13752-51-7	See: QE7189000
13754-10-4	See: TY3190000
13754-23-9	See: TK9800000
13754-56-8	See: SO7350000
*13755-29-8	See: ED2975000
13755-38-9	See: LJ8925000
13759-17-6	See: MG4725000
13759-83-6	See: VP3150000
13761-89-2	See: NO8515000
*13762-14-6	See: QA4730000
*13762-51-1	See: TS7525000
*13762-75-9	See: OY3700000
13764-35-7	See: SN6800000
13764-49-3	See: KM8225000
*13765-19-0	See: GB2750000
*13767-90-3	See: TD4500000
*13768-00-8	See: CI6476000
13768-67-7	See: ZG2700000
*13769-43-2	See: YW1080000
*13769-76-1	See: TH4897500
13770-61-1	See: NL1750000
*13770-89-3	See: QR9275000
*13770-96-2	See: BD0180000
*13779-41-4	See: TD4460000
*13780-03-5	See: EV9290000
*13780-57-9	See: WS4375000
*13782-22-4	See: WE7200000
13786-58-8	See: KJ7527700
13790-09-5	See: NC2987000
13791-92-9	See: UE3250000
*13792-20-6	See: FC2700000
*13792-21-7	See: FB4570000
*13792-24-0	See: FC2750000
13792-82-0	See: FD9025000
13792-99-9	See: XH1350000
*13798-24-8	See: WY9110000
13801-00-8	See: NL7838000
13807-95-9	See: TY8200000
13808-36-1	See: UE3325000
*13814-96-5	See: ED2700000
*13814-98-7	See: ED3000000
13815-16-2	See: TP2275800
*13815-28-6	See: LJ8240000
*13815-31-1	See: YW0750000
*13815-39-9	See: TP1875000
*13816-33-6	See: DI4650000
13820-40-1	See: BP5400000
*13820-45-6	See: TP2509170
*13820-91-2	See: TP1370000
*13820-94-5	See: TP1364500
13822-05-4	See: DF3150000
*13823-29-5	See: XO6825000
*13825-74-6	See: XR2500000
*13826-66-9	See: ZH7140000
*13826-83-0	See: BQ6100000
*13826-86-3	See: QX8620000
*13826-93-2	See: RT3358000
*13826-94-3	See: TP1830000
13835-15-9	See: TH9203500
13835-19-3	See: AH2792000
*13835-51-3	See: ME6385000
13838-02-3	See: YR6280000
*13838-16-9	See: KN6800000
13839-85-5	See: ZG2800000
*13839-92-4	See: XF6430000
*13840-33-0	See: NH3486000
*13843-59-9	See: EF8710000
*13847-22-8	See: TD0600900
*13847-65-9	See: QX0350000
*13851-11-1	See: RB7660000
13851-14-4	See: QD1735000
*13860-69-0	See: EC1925000
13861-97-7	See: LU3569150
*13862-07-2	See: TM8740000
*13862-62-9	See: CQ8925000
13863-31-5	See: WJ6127000
*13863-41-7	See: EF9220000
*13863-88-2	See: VW3553000
*13865-57-1	See: BX5480000
*13870-28-5	See: VV9275100
*13870-30-9	See: VV9275200
*13876-89-6	See: VI9400000
13877-76-4	See: UR0800000
13877-99-1	See: GY3900000
13880-35-8	See: XB8400000
*13884-43-0	See: OZ5215000
13886-04-9	See: AN3470000
13887-56-4	See: QD9870000
13887-57-5	See: KI2106550
13887-58-6	See: KI2106510
13887-59-7	See: KI2106560
13887-60-0	See: KI2106600
13887-61-1	See: KI2106530
13887-62-2	See: KI2106540
13889-92-4	See: LQ7005000
13891-58-2	See: FX5775000
13893-12-4	See: PB4606000
13893-13-5	See: PB4603000
13893-21-5	See: TE6482000
*13895-38-0	See: SL7805000
*13897-55-7	See: GU8925000
13898-68-5	See: CV4330000
13903-43-0	See: JY5100000
*13907-47-6	See: GA9120000
13907-56-7	See: YS7603000

BEST COPY AVAILABLE

CAS No.	RTECS No.
13907-57-8	See: YS7605000
13907-60-3	See: YU2700000
13907-61-4	See: DG4429500
13907-72-7	See: YS3000000
13907-77-2	See: YS4960000
13908-62-8	See: YS7602000
13908-91-3	See: YS2705000
13908-92-4	See: YS4970000
13908-93-5	See: YS7608000
13908-95-7	See: YT3937500
*13909-02-9	See: YS4915000
*13909-03-0	See: YS4904000
13909-04-1	See: YS5010700
13909-05-2	See: GY2627000
*13909-09-6	See: YS5000000
13909-10-9	See: YS5140000
13909-11-0	See: YS4740000
13909-12-1	See: YS4730000
13909-13-2	See: YS5075000
13909-14-3	See: YS4750000
13909-20-1	See: YS5160000
13909-28-9	See: YS4907750
*13911-65-4	See: CH7940000
13915-79-2	See: UE3260000
13917-61-8	See: UC3170000
13922-47-9	See: UV9001500
*13922-82-2	See: UW5976050
13925-00-3	See: UQ3330000
*13925-12-7	See: SG1660000
13927-71-4	See: EZ3850000
*13927-77-0	See: QR6140000
*13928-81-9	See: BO7110000
*13929-01-6	See: LL5160000
*13929-35-6	See: AH0525000
*13929-37-8	See: CM3186000
13929-39-0	See: AB7564000
13929-40-3	See: UY0885000
13931-75-4	See: XH5093050
13933-17-0	See: GL7040000
*13933-32-9	See: TP2507150
13935-78-9	See: NK7528500
*13940-16-4	See: XP8910000
13945-53-4	See: EZ1380000
*13952-84-6	See: EO3325000
13954-38-6	See: SZ3600000
*13955-12-9	See: TG2220000
13955-16-3	See: TG1320000
*13956-29-1	See: VH1600000
13957-27-2	See: GV8645000
13960-24-2	See: EL7710000
13961-22-3	See: HP2400000
*13961-86-9	See: RK0880000
13963-57-0	See: BD2230000
*13965-91-8	See: TP1838000
*13967-90-3	See: EF8715000
*13971-87-4	See: DH1496000
13972-95-7	See: NK7560000
13973-71-2	See: KI2106500
13973-72-3	See: KI2106580
*13973-87-0	See: EF9200000
*13973-88-1	See: FO2150000
*13977-28-1	See: KQ8400000
*13980-04-6	See: XY9470000
13980-94-4	See: EK0875000
*13983-17-0	See: ZC9750000
13983-23-8	See: UT5001500
13984-07-1	See: BZ1500000
*13987-01-4	See: UD2794000
*13988-24-4	See: YS7897000
13988-26-6	See: TI0540000
13989-18-9	See: AU7420000
13990-26-6	See: SJ6100000
13991-74-7	See: GU8419900
13991-87-2	See: WG2120000
13992-53-5	See: YQ9863000
*13993-65-2	See: SN5100000
*13995-54-5	See: AN3465000
13997-20-1	See: RQ2156000
14003-34-0	See: VD3634500
14006-80-5	See: NM3240000
14007-07-9	See: LZ5100000
14007-10-4	See: XN1928000
*14007-45-5	See: CI9479000
14007-49-9	See: BP0700000
*14008-44-7	See: NS5075000
14008-46-9	See: TL7000000
*14008-48-1	See: DM3325000
14008-53-8	See: XN0400000
14008-58-3	See: YS3834000
14009-42-8	See: NL6675000
14013-11-7	See: NH4500000
14015-63-5	See: YT9710000
*14016-29-6	See: KC4150000
*14018-95-2	See: HX7755000
*14023-01-9	See: GB5475000
14024-18-1	See: NO8960000
*14024-58-9	See: OO9350000
14024-63-6	See: ZH0920000
*14024-64-7	See: XR2330000
14024-75-0	See: OV7370000
14024-97-6	See: TP2498500
*14025-15-1	See: GS2169100
14025-27-5	See: VO2670000
14025-40-2	See: VO2660000
14025-42-4	See: VC6190000
14025-44-6	See: VO2700000
14025-47-9	See: VO6235000
14025-49-1	See: VO5280000
14025-51-5	See: VO2635000
14025-53-7	See: VO6161000
14025-54-8	See: VO2665000
14025-58-2	See: VO6200000
14025-60-6	See: VO5260000
14025-62-8	See: VO2655000
14025-64-0	See: VO6185000
14025-66-2	See: VO2690000
14025-68-4	See: VO4392000
14025-70-8	See: VO6230000
14025-79-7	See: AG4390000
*14026-03-0	See: TN1296000
14028-05-8	See: VO5275000
14028-08-1	See: VO6175000
14028-10-5	See: VO2680000
14028-12-7	See: VO4390000
14028-14-9	See: VO6220000
14028-16-1	See: VO5265000
14028-18-3	See: VO2638000
14028-20-7	See: VO4380000
14028-24-1	See: VO5252000
14028-29-6	See: AE4260000
14028-32-1	See: AE4250000
14028-36-5	See: AE1855000
*14028-44-5	See: HQ4025500
14030-85-4	See: BX3325000
14034-24-3	See: VO5255000
14034-27-6	See: VO2950000
14035-20-2	See: VO2850000
14035-21-3	See: BP2965000
14039-99-7	See: GL6675000
14040-88-1	See: NI4396000
14045-28-4	See: TN3715000
14046-55-0	See: NQ5610000
*14047-09-7	See: CN2980000
14047-29-1	See: CY8925000
14049-76-4	See: VO4395000
14051-55-9	See: HN9052000
*14052-71-2	See: QD9683000
14052-72-3	See: LT7298000
14052-74-5	See: TM5960000
*14052-75-6	See: TL0709800
14052-76-7	See: TM6390500
14052-77-8	See: UY0285000
14052-79-0	See: LT7328000
14052-80-3	See: TL1462000
14052-81-4	See: UY0670000
14052-93-8	See: UY6011000
14052-94-9	See: UY5950090
14053-06-6	See: UY6030000
14053-07-7	See: UY5950000
14053-08-8	See: UY6005000
14053-09-9	See: UY6095000
14053-10-2	See: UY5774000
14053-16-8	See: UY5779000
14053-17-9	See: TI5638700
14053-18-0	See: ES0860000
14053-35-1	See: TL0800000
14056-64-5	See: SO6300000
*14060-38-9	See: CG3850000
14063-77-5	See: GD6499000
14063-78-6	See: GD6483000
14065-41-9	See: DH6825000
14070-15-6	See: RP6800000
*14073-00-8	See: VC1041000
14074-90-9	See: TI5696200
14075-02-6	See: QD0189000
*14075-53-7	See: ED2800000
*14076-05-2	See: VB3150000
*14076-19-8	See: VB3500000
*14077-30-6	See: VI9310000
14077-86-2	See: CQ7320000
14086-35-2	See: TC5000000
14088-99-4	See: NJ0621500
14089-43-1	See: FD1192000
14090-77-8	See: DD4900000
14091-01-1	See: DF3675100
*14094-43-0	See: VC1050000
*14094-45-2	See: VC1575000
*14094-48-5	See: VB4550000
*14096-51-6	See: TP2497100
14097-03-1	See: KH2730000
14099-81-1	See: NX5075000
*14100-52-8	See: VB3350000
*14101-95-2	See: WH6848000
14102-28-4	See: VO6180000
14102-33-1	See: VO2685000
*14104-20-2	See: ED2875000
14106-65-1	See: HO8328000
14106-77-5	See: VC3968720
14106-90-2	See: NS5360000
*14107-37-0	See: TU4157175
14118-02-6	See: RO7525000
14118-10-6	See: RO9800000
14120-78-6	See: NS5325000
14120-79-7	See: TN6997200
14120-80-0	See: TN6997600
14120-84-4	See: NS5345000
14120-85-5	See: NS5370000
14120-89-9	See: VC3968750
14120-90-2	See: VC3968760
14120-93-5	See: VC3676802
14120-94-6	See: VC3968680
14122-34-0	See: UN0912000
14122-43-1	See: UM0602000
14122-44-2	See: UM2402500
14122-45-3	See: UN0530000
14122-46-4	See: UN0925000
14122-48-6	See: XJ7050300
14122-49-7	See: UM0604500
14122-50-0	See: UM3762500
*14127-77-6	See: VI9305000
14129-98-7	See: SZ2815000
14143-92-1	See: UK5125000
14144-91-3	See: FC0220000
*14148-99-3	See: KR5920000
14149-35-0	See: MA5270000
*14149-36-1	See: UT2813700
14149-43-0	See: CO1747500
14150-54-0	See: QE1010000
*14152-28-4	See: GY5977900
14153-85-6	See: UM2382500
14153-86-7	See: UM0605000
14153-87-8	See: UM2404500
14153-88-9	See: UM2403500
14155-65-8	See: LZ2590000
14167-18-1	See: GG0590000
14167-72-7	See: CP8430000
14167-74-9	See: CQ3335000
*14168-01-5	See: PB9520100
14168-09-3	See: UY6010000
14168-44-6	See: PA6680000
14168-48-0	See: PC2250000
14170-88-8	See: NS5335000
14170-89-9	See: TN6997800
14170-91-3	See: TN7185000
14170-92-4	See: NS5390000
14170-93-5	See: VC3534600
*14173-58-1	See: VB0525000
14173-62-7	See: PC3205000
14176-78-4	See: UY1361000
14177-81-2	See: BQ2703400
14185-07-0	See: DC7473000
14185-09-2	See: DC7472800
14185-11-6	See: DC7472000
14185-12-7	See: DC7472400
14186-06-2	See: KJ4356000
14186-07-3	See: KJ4330000
14187-10-1	See: NS5315000
14188-58-0	See: VO2300000
14191-92-5	See: XA3065000
14191-95-8	See: AM0530000
14198-18-6	See: MV7225000
14198-24-4	See: CZ6900000
14200-22-7	See: TH8840000
*14207-78-4	See: GC1080000
*14208-07-2	See: UU7450000
*14208-08-3	See: UU6954000
14208-99-2	See: AU4634000
14211-01-9	See: AI8225000
14214-31-4	See: NX8455000
*14214-32-5	See: YT0180000
14215-58-8	See: TP2275660
*14216-25-2	See: OZ5205000
*14220-17-8	See: QR8650000
*14221-47-7	See: LJ8932000
14222-46-9	See: SF7941950
*14222-60-7	See: NS0650000
14223-12-2	See: FD7630000
14223-94-0	See: UH2470000
14225-19-5	See: FC9470000
14225-20-8	See: FD7855000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
14225-21-9	See: FD8893500
14226-68-7	See: NL4950000
14227-19-1	See: SD8950000
*14228-24-1	See: TN3802000
*14228-25-2	See: TM6499700
*14228-26-3	See: TM5027000
*14228-29-6	See: UY2634000
*14228-31-0	See: TN6086900
*14235-86-0	See: OW6300000
*14237-76-4	See: PB9183000
14239-51-1	See: OV7360000
*14239-68-0	See: EU9850000
14242-18-3	See: VC3968554
14244-61-2	See: TP1870000
*14244-62-3	See: ZG9220000
*14244-64-5	See: TT3780000
*14245-83-1	See: DH5970000
14252-03-0	See: AR7390000
*14252-80-3	See: TK6125000
14254-00-3	See: SM7590000
14254-86-5	See: UV0370000
14255-72-2	See: TF3935000
*14255-87-9	See: DD6495000
*14255-88-0	See: DD6650000
14255-92-6	See: YR7880000
14258-45-8	See: TL6600000
14262-33-0	See: VO2645000
14264-16-5	See: QR6170000
*14264-31-4	See: GS2169400
*14267-74-4	See: VI9302000
14271-02-4	See: KF4985000
*14281-74-4	See: GF9539000
14281-82-4	See: TP2219000
14282-91-8	See: VM2651530
14283-67-1	See: SZ0177500
14285-43-9	See: FC5425000
*14286-84-1	See: UH9450000
14287-62-8	See: SZ2275000
*14287-82-2	See: YD0165500
14290-32-5	See: FE1275010
14290-81-4	See: UF1925000
14293-70-0	See: QZ1300000
*14293-73-3	See: JP2080000
14297-75-7	See: HY4050000
14297-87-1	See: QD0710000
*14301-11-2	See: WJ4025000
14306-25-3	See: NM7535000
*14307-89-2	See: AB4426600
14307-90-5	See: AB4426500
14309-45-6	See: SA6300000
14313-51-0	See: FD9301000
14315-16-3	See: CV2330000
14317-18-1	See: LZ4368000
14320-98-0	See: HM1055000
14321-02-9	See: DE8690000
*14324-55-1	See: ZH0350000
14329-69-2	See: QM2275000
*14333-26-7	See: HH3000000
*14334-41-9	See: GX1210000
*14335-40-1	See: TH3780000
14339-24-3	See: UQ8966000
14339-28-7	See: MQ5255000
14339-29-8	See: MP4250000
14339-64-1	See: SO0650000
14339-66-3	See: SN8300000
14352-87-5	See: BT1100000
*14354-56-4	See: OW9730000
*14355-07-8	See: FG2150000
*14355-12-5	See: FG2200000
14357-70-1	See: YM5755000
14357-78-9	See: JL7700000
14357-93-8	See: VC3968770
14357-94-9	See: CP8370000
14358-50-0	See: YW6125000
*14362-31-3	See: TL2200000
14366-74-6	See: TA1854000
14367-47-6	See: EL3860000
14368-24-2	See: CN5075000
14370-50-4	See: RB6945200
14371-13-2	See: CU7025000
*14371-55-2	See: NJ6465000
14379-19-2	See: ES4260500
14383-60-9	See: AC6335000
14387-60-1	See: LZ9510000
14387-62-3	See: LZ9512000
14387-64-5	See: AC8590000
14388-84-2	See: CQ1552500
14395-03-0	See: MU0680000
14402-89-2	See: LJ8750000
14405-45-9	See: NL2025000
*14415-57-7	See: EL8577500
*14415-61-3	See: OB1945000
*14415-62-4	See: OB2822000
*14415-66-8	See: OB1635000
*14415-70-4	See: OB2820000
*14417-88-0	See: OI9410000
14419-01-3	See: WZ0700000
14422-78-7	See: QL7950000
*14426-20-1	See: KK5553400
14429-30-2	See: WK2230000
14433-76-2	See: HD6350000
*14433-82-0	See: AI6200000
14434-31-2	See: QJ9450000
14436-34-1	See: UV9000000
*14437-17-3	See: UE8840000
*14437-41-3	See: VN7885000
*14437-45-7	See: VN9110000
14440-47-2	See: AF9195000
14445-45-5	See: XJ7050250
*14448-38-5	See: NH3497300
14451-14-0	See: PB1980000
*14452-57-4	See: OM4100000
*14456-34-9	See: MG4800000
*14458-95-8	See: IO2275000
14459-29-1	See: TS5500000
*14461-87-1	See: AL0700000
*14464-46-1	See: VV7325000
*14465-96-4	See: SZ5990100
*14474-16-9	See: AB7234170
*14474-18-1	See: AE1974600
*14474-20-5	See: AB7234140
*14474-21-6	See: AB7234120
14474-50-1	See: MQ5080000
14477-60-2	See: YY1835000
14477-63-5	See: DV5200000
*14478-73-0	See: XF6863000
14484-47-0	See: TU4157050
*14484-64-1	See: NO8750000
*14486-19-2	See: EV0525000
*14487-04-8	See: TM7176000
14487-05-9	See: WH1306500
*14489-25-9	See: WS6985000
14491-59-9	See: UR6050000
14492-68-3	See: UU5206000
14494-69-0	See: ZH1020000
14496-63-0	See: UE9460000
14496-66-3	See: UE9505000
*14504-15-5	See: WU7675000
14504-24-6	See: TY2950000
14511-67-2	See: GH0885000
14513-20-3	See: UX1095100
14520-53-7	See: CU8780000
14521-96-1	See: KM8100000
14533-02-9	See: TU1050000
14543-76-1	See: SI4025000
*14546-44-2	See: MU7903000
14547-74-1	See: UT5580000
14548-46-0	See: OB6402000
14548-47-1	See: OB4581000
14549-57-6	See: TM4265000
14549-58-7	See: TN6829860
14549-59-8	See: TK8113510
14549-60-1	See: TK8105000
14549-61-2	See: TM2643150
14549-62-3	See: TK8022500
14549-63-4	See: TK8114050
14549-64-5	See: TK8114000
14549-65-6	See: TK8112980
14549-66-7	See: TK8113050
14549-67-8	See: TK8112510
14549-68-9	See: TK8112500
14549-69-0	See: TK8112010
14549-71-4	See: TK8115010
14549-72-5	See: TK8030000
14549-73-6	See: TL3499150
14549-74-7	See: TM2765800
14549-75-8	See: TL0165005
14549-76-9	See: HM3870000
14549-77-0	See: HM3900000
*14551-09-8	See: UT3325000
14556-46-8	See: UA8430000
*14556-83-3	See: XK9030000
*14556-88-8	See: XK9010000
*14556-93-5	See: XK9365000
14557-50-7	See: SB2975000
*14567-64-7	See: OM4510000
*14567-73-8	See: CI6560000
14569-74-5	See: ES0600000
14572-50-0	See: SN2650000
14572-53-3	See: SM5081000
14572-54-4	See: SM5083000
14575-92-9	See: RP5600000
*14579-91-0	See: JM9210000
14585-66-1	See: DL9632500
14591-91-4	See: TP2400000
14593-03-4	See: BP8050500
14593-06-7	See: BP7522000
14593-09-0	See: AC4125000
14593-11-4	See: AB8768000
14593-13-6	See: EK9900000
14593-14-7	See: DC7500000
14593-39-6	See: UA5800000
14599-36-1	See: CZ9190000
14599-72-5	See: NJ0742500
14600-07-8	See: AG7320000
14601-95-7	See: GU6550000
14604-61-6	See: WS2300000
*14611-52-0	See: DA0292500
14611-66-6	See: DN8070000
*14611-80-4	See: XH1426500
*14611-82-6	See: SH5632000
*14611-84-8	See: LU9776100
14612-98-7	See: TL0165010
14617-22-2	See: DC8426460
14618-65-6	See: AC8960000
14619-86-4	See: AB1025000
14620-23-6	See: DL7042600
14620-24-7	See: DL7042500
14620-25-8	See: DL7092500
*14627-02-2	See: DM4849400
*14627-02-2	See: DM4849500
*14627-03-3	See: DM4821515
*14627-04-4	See: DM4705000
*14627-05-5	See: DM5275430
*14627-26-0	See: DM5266000
*14628-06-9	See: FC4900000
14628-81-0	See: SM5082000
14629-09-5	See: MF6690000
*14631-45-9	See: UG1800000
14634-93-6	See: ZH0890000
*14635-33-7	See: SF8525000
*14638-70-1	See: DO2300200
14639-28-2	See: OM2457900
14641-96-4	See: MU4800000
*14644-61-2	See: ZH9100000
*14646-85-6	See: OB1614000
*14646-87-8	See: EL6694000
*14648-27-2	See: OB2823000
14650-81-8	See: ZG9540000
14653-24-8	See: NS6180000
14656-20-3	See: KJ4322000
14663-23-1	See: MU3900000
*14663-23-1	See: MU3875000
14663-27-5	See: MU0660000
14663-28-6	See: MT8800000
14663-66-2	See: GN5775000
14663-67-3	See: GN6125000
14663-71-9	See: TB7350000
14663-72-0	See: TB7175000
*14664-96-1	See: XK9040000
*14666-78-5	See: SD9678500
*14666-78-5	See: SD9679000
*14667-53-9	See: TB1075000
14667-55-1	See: UQ3907000
14669-15-9	See: UA7320000
14669-16-0	See: UB6800000
14669-17-1	See: UB6455000
14669-20-6	See: NK8391000
14669-21-7	See: UX9726000
14669-23-9	See: NK8396500
14669-24-0	See: TN0379000
14669-26-2	See: NK8610000
14669-27-3	See: TM4738000
14669-28-4	See: TM4738400
14673-56-4	See: AL7000000
*14674-72-7	See: EV9850000
14676-40-5	See: AE1970500
14679-73-3	See: FE2778000
14683-61-5	See: LZ6504000
*14684-25-4	See: TD4410000
14686-61-4	See: GH0795000
14689-97-5	See: KI3600000
14692-45-6	See: KJ4311500
14692-47-8	See: KJ4358000
14692-49-0	See: KJ4324000
14692-50-3	See: KJ4324500
14692-52-5	See: BP8224700
14692-53-6	See: KJ4312000
14692-54-7	See: KJ4360000
14692-55-8	See: KJ4323000
14692-56-9	See: KJ4325000
14692-57-0	See: KJ4326000
14692-58-1	See: KJ4350000
*14696-82-3	See: NN1600000
*14698-29-4	See: JI5075000
14703-92-5	See: KJ8440000
*14708-14-6	See: QR6650000
14714-99-9	See: UB9355000
14715-00-5	See: UA9357000
14715-01-6	See: NK8394000

BEST COPY AVAILABLE

CAS No.	RTECS No.
14715-02-7	See: NK8394500
14715-04-9	See: KQ7550000
14715-05-0	See: TK8375300
14716-59-7	See: NY2780000
14716-61-1	See: NY2935500
14716-63-3	See: NY2933500
14716-73-5	See: NY2752000
14717-63-6	See: LU5350000
14721-76-7	See: GA2100000
14721-77-8	See: GA1575000
14722-16-8	See: QJ0920000
14722-17-9	See: QJ0714000
14722-18-0	See: QJ0595000
14722-19-1	See: QJ0611500
14722-20-4	See: QJ0712000
*14722-22-6	See: AC4375000
14722-38-4	See: GE3630000
14722-49-7	See: MK0900500
*14727-47-0	See: PB7733000
*14729-29-4	See: VL0355000
14729-71-6	See: UU4015700
14729-72-7	See: VC3968000
14729-73-8	See: WR7902000
14732-53-7	See: NY2784000
14732-54-8	See: NY2768000
*14733-68-7	See: DM5279000
14733-73-4	See: DM4950000
14733-75-6	See: DM5260500
14733-76-7	See: DM5272000
14733-77-8	See: DM4930000
14734-96-4	See: TF0400000
14737-08-7	See: GW5850000
*14737-91-8	See: GD9720000
14741-34-5	See: NO8600000
*14751-74-7	See: AK9625000
*14751-76-9	See: AK9800000
*14751-87-2	See: AK8925000
*14751-90-7	See: AK9100000
*14753-13-0	See: VC1400000
*14753-14-1	See: VB3850000
*14753-17-4	See: VC2150000
*14759-04-7	See: SP0875000
14759-05-8	See: SP0640000
14759-06-9	See: SP1925000
14760-55-5	See: CX7201500
14760-56-6	See: TL9421000
14760-99-7	See: KH8360000
*14763-77-0	See: GL7175000
14764-25-1	See: DM3080000
14770-96-8	See: DJ1590000
14773-40-1	See: GD7231200
14777-22-1	See: EU5250000
*14777-29-8	See: AK2936000
14779-17-0	See: DL2450000
14779-78-3	See: DG8958000
*14780-24-6	See: NL7040000
*14787-38-3	See: QL8520000
14788-78-4	See: NY8900000
14788-97-7	See: WS2350000
14794-61-7	See: AK8180000
14795-75-6	See: DL7042700
14795-76-7	See: DL7062500
14795-77-8	See: DL7042650
*14798-26-6	See: TJ7880000
14800-49-8	See: BO9625000
14803-99-7	See: XZ5262000
14807-75-1	See: LQ4570000
*14807-96-6	See: VV7720000
*14807-96-6	See: WW2710000
*14808-60-7	See: VV7330000
*14813-29-7	See: LK8648000
*14813-38-8	See: TE4050000
14814-09-6	See: TZ7760000
*14816-18-3	See: MD4740000
*14816-67-2	See: PB0822000
*14817-09-5	See: CV3455000
*14817-73-3	See: SH0274000
*14817-93-7	See: SH6974000
*14817-99-3	See: SG9600800
*14823-27-9	See: DM4816000
14825-96-8	See: TX9700000
14838-15-4	See: RC2625000
*14838-45-0	See: TM9850000
14840-02-9	See: KD1875000
*14842-81-0	See: CI9460000
*14860-49-2	See: SG7885000
14860-53-8	See: JL6300000
14860-89-0	See: DO5455000
*14861-06-4	See: GQ5850000
*14861-17-7	See: BX3100000
*14863-27-5	See: GA4026000
14865-38-4	See: DP6125000
14870-41-8	See: HP2340000
14871-98-8	See: ED7650000
14873-10-0	See: BJ9675000
*14881-92-6	See: AL0350000
14882-18-9	See: EB2985000
*14883-62-6	See: VI9313000
14883-83-1	See: NM3400000
14884-81-2	See: TN6829850
14885-19-9	See: DH6512000
*14885-29-1	See: NI6450000
14893-26-6	See: GV8960000
14893-39-1	See: GW0650000
14893-41-5	See: GV3850000
14893-42-6	See: GW0785000
14897-39-3	See: VJ5800000
*14898-09-0	See: LU9720000
*14898-11-4	See: SH4947200
*14898-12-5	See: SH6477540
*14901-07-6	See: EN0350000
*14901-08-7	See: LZ5950000
14908-97-5	See: NY2770000
*14909-01-4	See: SH0276000
*14913-29-2	See: TP6670000
*14913-35-8	See: TP2455000
14917-96-5	See: UU5775000
*14918-35-5	See: WK2129900
*14919-77-8	See: VT9632300
14923-04-7	See: KJ4309000
14923-17-2	See: MF6550000
*14923-84-3	See: UR2451000
*14927-35-6	See: OB1935000
14929-11-4	See: UE9510000
*14930-96-2	See: RO0205000
*14938-35-3	See: SM6750000
14938-42-2	See: CB0554500
14938-53-5	See: QJ0937500
14938-54-6	See: QJ0936000
*14940-68-2	See: ZH9000000
14942-31-5	See: DE8225000
14947-61-6	See: ED7560000
14947-76-3	See: ZG1850000
14947-78-5	See: MS7875000
14948-74-4	See: DT8015000
14969-56-3	See: BP6700000
*14971-27-8	See: GF9520000
*14976-57-9	See: UY0704600
*14977-61-8	See: GB5775000
14978-20-2	See: KJ4313000
14979-39-6	See: MJ4600000
14986-84-6	See: XF1700000
14991-97-0	See: GW0670000
14992-02-0	See: GV8950000
15005-65-9	See: JO6828000
*15005-90-0	See: GB7250000
15006-14-1	See: WL2290000
*15008-85-2	See: SA8142250
*15008-86-3	See: TK8271500
15010-65-8	See: KJ4305000
*15010-76-1	See: AB7397000
*15016-15-6	See: DG1502700
15017-02-4	See: ST2450000
15018-52-7	See: CQ0503000
15018-59-4	See: YQ9300000
15018-62-9	See: RM3201000
15020-57-2	See: DB2275000
15029-32-0	See: AM1230000
*15031-52-4	See: TM6622000
15037-70-4	See: QE9105000
15037-74-8	See: WM9615000
15037-75-9	See: AU4450200
15039-47-1	See: QJ0716000
15039-48-2	See: QJ0717000
15042-77-0	See: SE0875000
15045-55-3	See: TB4875000
15052-05-8	See: NX3150000
15054-10-1	See: XI2277000
15056-34-5	See: XX9550000
*15062-34-7	See: XP2610000
*15075-46-4	See: CY4550000
15083-34-8	See: UB8618000
15083-36-0	See: UA7315000
15083-38-2	See: UQ6458000
15083-40-6	See: UQ6125400
15083-41-7	See: UQ6950000
15083-48-4	See: KV3750000
15083-49-5	See: UQ7380000
15083-50-8	See: KL7625000
15083-51-9	See: UQ7625000
15083-52-0	See: UQ7400000
15083-53-1	See: UQ6480000
15083-54-2	See: UQ6477000
15086-17-6	See: KR7200000
*15086-94-9	See: LM5800000
15089-07-3	See: DG5620700
15089-61-9	See: UQ7675000
15089-99-3	See: HM2550000
15090-08-1	See: UQ6150000
15090-10-5	See: UQ6135000
15090-11-6	See: UQ6140000
15090-12-7	See: UQ6132000
15090-13-8	See: UQ6126500
15090-16-1	See: UQ6128000
15091-30-2	See: XN0470000
*15096-52-3	See: WA9625000
*15104-03-7	See: TK6026900
15107-10-5	See: BQ3501500
15107-11-6	See: BQ3501000
15107-12-7	See: BQ3506500
15107-14-9	See: BR8187000
15107-15-0	See: BQ2702200
15107-17-2	See: BO9660000
15107-18-3	See: BO9810000
15107-19-4	See: BO9815000
15107-21-8	See: BP5752600
15107-22-9	See: BS1703000
15112-97-7	See: FG7220000
15115-29-4	See: HM2806000
15119-62-7	See: AJ7558000
*15120-17-9	See: CG1200000
15121-11-6	See: KI2135000
15127-00-1	See: QE9250000
15128-82-2	See: UU7715000
15129-36-9	See: MO1450000
15130-85-5	See: FZ8080000
15130-95-7	See: CQ3390000
15131-55-2	See: KN1950000
*15131-84-7	See: GC1225000
15137-09-4	See: GF9450000
15138-43-9	See: NT2610000
15139-06-7	See: TK8116000
15148-80-8	See: UA8451000
15150-36-4	See: UQ7725000
15150-37-5	See: UQ6920000
15151-00-5	See: VA0340000
15154-28-6	See: DG2359800
15154-29-7	See: DG2359900
15154-30-0	See: DG1635000
15154-31-1	See: DG2312000
15154-32-2	See: DG2316000
15154-33-3	See: DG1660000
15154-34-4	See: DG2318000
15154-35-5	See: DG2290000
15158-64-2	See: LE7875000
15158-65-3	See: WY9042500
15158-67-5	See: FK5950000
15161-61-2	See: LU5205000
15161-65-6	See: LU5235000
15161-66-7	See: LU5224000
*15172-86-8	See: TJ7610000
15176-29-1	See: YU7500000
15177-70-5	See: BR9150000
15180-00-4	See: TU4154065
15180-03-7	See: RC9868000
15180-39-9	See: MU7650000
*15181-41-6	See: TE6440000
*15181-46-1	See: WQ6870000
15189-51-2	See: CK6360000
15190-08-6	See: AL8290000
*15191-85-2	See: VV8925000
15201-08-8	See: UU3873500
15205-35-3	See: CV2625000
*15205-68-2	See: AT1260000
15213-88-4	See: LW4375000
15215-98-2	See: QJ0250000
*15216-10-1	See: CM4375000
15218-38-9	See: LZ5655000
15219-97-3	See: AY3100000
15220-29-8	See: DD5420000
15221-81-5	See: SH8940000
15223-20-8	See: XT7360000
15224-79-0	See: LU5209000
15224-80-3	See: LU5217000
15227-42-6	See: TP2498400
*15228-71-4	See: OH6350000
*15233-41-7	See: XJ5952000
15233-65-5	See: MX5800000
15235-08-2	See: SH8945000
15235-27-5	See: SH6805000
*15237-44-2	See: AU7460000
15242-96-3	See: GB7280000
15247-36-6	See: RB8470000
15255-40-0	See: DU2988500
15260-25-0	See: UN0915000
15260-27-2	See: UM6525000
15260-32-9	See: UM9282500
15260-33-0	See: UM2405000
15260-34-1	See: UM0625000
15260-36-3	See: UM2400000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
15260-38-5	See: UL8122500
15260-42-1	See: XJ7050200
15260-43-2	See: NJ5986000
*15263-52-2	See: FD1225000
15263-53-3	See: FD1220000
*15267-04-6	See: VS6552000
15267-95-5	See: VV2275000
15269-50-8	See: CM7980000
15270-39-0	See: SG9290000
15270-45-8	See: SH0650500
15270-47-0	See: SH7745000
15270-53-8	See: SI0780000
15270-68-5	See: SI1130000
*15271-41-7	See: RB7700000
15272-17-0	See: UQ4405500
15272-28-3	See: LU5230000
*15272-64-7	See: FL7006000
*15272-65-8	See: FL7075000
*15272-66-9	See: FL7025000
*15272-67-0	See: FL7008000
*15272-68-1	See: FL7001000
15272-95-4	See: DL9600000
15273-31-1	See: TP2235000
15273-32-2	See: TP2492210
15278-77-0	See: XT0565000
*15284-15-8	See: MJ6650000
15286-41-6	See: DV5287000
15286-44-9	See: DV5287500
*15288-31-0	See: FL7060000
*15299-99-7	See: UE3600000
*15301-48-1	See: DE1820000
15301-97-0	See: GN6765000
15302-16-6	See: RQ5787500
15303-07-8	See: MA3780000
*15307-79-6	See: AG6330000
*15307-86-5	See: AG6310000
*15308-34-6	See: DN7360000
15310-01-7	See: CV8710000
15311-77-0	See: TL8225000
15312-14-8	See: SZ1830000
15314-55-3	See: QM2920000
15314-67-7	See: UM6515000
15314-72-4	See: UM9282505
*15318-45-3	See: AB6680000
15328-59-3	See: MR0185000
*15336-81-9	See: MT9190500
15339-36-3	See: OO9290000
*15342-56-0	See: UY8407000
15351-09-4	See: UH0539900
*15356-70-4	See: OT0525000
*15364-94-0	See: SC9275000
*15375-94-7	See: OW2500000
15378-99-1	See: CL5494980
15379-32-5	See: CQ1800000
15381-57-4	See: WK7600000
15382-16-8	See: YR8962000
*15386-51-3	See: VB2356300
15387-10-7	See: QS4025000
15390-25-7	See: ED7600000
*15396-31-3	See: LU6210000
15403-25-5	See: TY0900000
15407-81-5	See: NS1247500
15407-84-8	See: NS1970000
15407-85-9	See: NS1975500
15407-86-0	See: NS2296000
15407-89-3	See: NS1980500
15407-90-6	See: NS1975000
15409-26-4	See: UQ6479100
15410-44-3	See: KF2300000
15410-48-7	See: OP2976000
15410-49-8	See: OP2860000
15410-52-3	See: LW5430000
*15410-83-0	See: QJ0947800
*15421-84-8	See: XZ5700000
15421-88-2	See: MC5295000
15424-14-3	See: DM6667000
15424-17-6	See: UX9685500
15430-91-8	See: OP2890000
15430-94-1	See: OP2305000
*15435-66-2	See: NH3497000
15436-35-8	See: XM9400000
*15438-31-0	See: NO6925000
15442-77-0	See: QR6145000
15446-39-6	See: AD8625000
15451-15-7	See: DO5450000
15451-29-3	See: UH0960000
*15457-05-3	See: KO2750000
15460-07-8	See: DV6300000
*15460-48-7	See: CM6760000
*15461-22-0	See: XY3215000
15465-83-5	See: WL1990000
15467-20-6	See: AJ0350000
*15468-32-3	See: VV7335000
15468-34-5	See: OS1080000
15470-97-0	See: KJ4308000
15471-00-8	See: BQ3520000
15471-04-2	See: KJ4347000
15471-07-5	See: KJ4353000
15471-43-9	See: NR3650000
*15480-76-9	See: SK7010000
15481-65-9	See: GW5120000
*15481-70-6	See: XT0370000
15482-83-4	See: DK3850000
*15483-60-0	See: BQ4313500
*15483-62-2	See: TN5185000
*15483-63-3	See: QF3185000
15485-48-0	See: UE9452500
15487-11-3	See: WL1980000
15488-09-2	See: GL8946500
*15489-16-4	See: CC2850000
15489-90-4	See: NO6725000
*15493-35-3	See: WK4800000
15493-49-9	See: SZ5855000
15495-06-4	See: TN5105000
15495-67-7	See: KJ4316000
15498-93-8	See: AB7906100
15498-98-3	See: AB7243470
15499-07-7	See: AB7820000
15499-08-8	See: AB7075300
15499-09-9	See: AY7525400
15499-10-2	See: AY7525200
15499-11-3	See: TM3508800
15499-13-5	See: GU4042000
15499-14-6	See: AC7020000
15499-15-7	See: AB7911000
15499-16-8	See: AB7303000
15499-17-9	See: AB6370000
15499-18-0	See: QD6484100
15499-19-1	See: TM3508840
15500-65-9	See: TN4922000
*15500-66-0	See: TN4930000
15500-69-3	See: TN5951000
*15503-86-3	See: VH7700000
*15503-87-4	See: VT5707200
15505-24-5	See: BO9650000
15507-52-5	See: FZ8600000
15512-85-3	See: SH1450000
15512-87-5	See: DC8750000
*15515-39-6	See: YE2112600
*15515-40-9	See: YE1674000
*15515-41-0	See: KR6068000
*15515-42-1	See: SL1155000
*15515-43-2	See: KR6115000
*15515-44-3	See: UY0897000
*15515-45-4	See: UY0912000
*15515-47-6	See: SL2236000
*15515-48-7	See: TM7293600
15517-31-4	See: CQ3758000
15518-76-0	See: GZ2100000
*15518-82-8	See: PC9450000
15521-07-0	See: VD6080000
15521-65-0	See: QR6150000
15522-23-3	See: TP2275640
15523-43-0	See: KI3550000
15529-90-5	See: MD5431000
15533-77-4	See: ET5965000
15534-04-0	See: KJ4344000
*15535-69-0	See: WH7145000
*15535-79-2	See: RP4440000
15536-01-3	See: SZ8525000
15536-18-2	See: JR2287000
15536-55-7	See: UX9470000
*15542-01-5	See: YE1750000
*15542-03-7	See: YE1690000
*15542-06-0	See: UY0950000
*15542-07-1	See: TM7338000
*15542-09-3	See: TM7293700
*15542-14-0	See: QE2130000
*15542-16-2	See: SL1944750
*15542-20-8	See: YE1672000
*15542-21-9	See: SL0551100
15543-77-8	See: OP2320000
15545-48-9	See: YS7230000
*15546-11-9	See: WH6729000
*15546-12-0	See: WH6717000
*15546-16-4	See: WH6712000
15547-17-8	See: CB7175000
15560-07-3	See: AK8315000
15560-08-4	See: AL0780000
15560-24-4	See: EK7600000
15560-25-5	See: AK8282500
15560-51-7	See: AF6750000
15560-60-8	See: AK8245000
15560-61-9	See: AK8275000
15560-63-1	See: AK8325000
15560-64-2	See: AK8235000
15560-65-3	See: AK8265000
15563-26-5	See: MU8450000
15564-30-4	See: GV9450000
15565-23-8	See: DK1861900
15565-24-9	See: TM6496800
15565-25-0	See: TM4733250
15565-29-4	See: UY0700250
*15567-46-1	See: RG7960000
15568-57-7	See: AH3730000
*15571-58-1	See: RO0955000
*15571-91-2	See: WY2420000
15572-56-2	See: NT9530000
15588-95-1	See: SH2992000
*15589-00-1	See: SH2445000
15589-07-8	See: VA2482000
15589-18-1	See: BP8211100
15589-19-2	See: BP8211000
15589-20-5	See: BP8211020
15589-23-8	See: VA2486000
15589-24-9	See: TN4921300
*15589-25-0	See: UY1150000
*15589-27-2	See: UY4350000
*15589-31-8	See: GZ2093000
*15597-43-0	See: WH8583600
15597-46-3	See: BS8325000
*15597-63-4	See: TH3750000
*15599-39-0	See: YT4980000
15604-80-5	See: OM4625000
15604-81-6	See: OG6625000
15610-97-6	See: MR7000000
*15611-84-4	See: TP1800000
15614-06-9	See: NO8850000
15617-19-3	See: TP2185000
15620-48-1	See: XI2282400
15620-49-2	See: XI2282350
15620-54-9	See: XI2284000
*15621-20-2	See: BQ4313000
15621-33-7	See: UX9661000
15621-34-8	See: AB6359000
*15622-17-0	See: SL2320000
15622-65-8	See: NM3325000
15623-83-3	See: VD6060000
15623-84-4	See: VD6090000
*15623-99-1	See: YE1677000
*15624-00-7	See: SL0551000
*15624-26-7	See: YE2112950
*15624-27-8	See: YE2112900
*15624-28-9	See: YE0507000
*15624-29-0	See: YE0506000
*15624-30-3	See: YE2117000
*15624-33-6	See: YE2112850
*15624-34-7	See: YE2112800
*15624-37-0	See: SL0551300
*15624-38-1	See: SL0551400
*15624-39-2	See: YE2320000
*15625-89-5	See: AT4810000
15641-54-0	See: NX4995000
15641-55-1	See: TN4921350
15641-56-2	See: BP8238500
15646-46-5	See: RQ5786250
*15652-38-7	See: TA2100000
*15660-26-1	See: TP2265000
*15660-27-2	See: TP2266000
*15660-29-4	See: BT0435000
*15662-33-6	See: VM4025000
*15663-27-1	See: TP2450000
15669-07-5	See: LK1755000
*15676-16-1	See: BZ3400000
*15684-18-1	See: RT3575000
15686-37-0	See: HP0190000
15686-60-9	See: LK8327500
15686-61-0	See: UG4170000
15686-63-2	See: OB1804680
*15686-71-2	See: XI0350000
15686-83-6	See: UW0248000
15686-91-6	See: UE4525700
15687-07-7	See: DE8925000
*15687-18-0	See: SA0525000
*15687-27-1	See: MU6640000
*15690-55-8	See: YE0820000
*15690-57-0	See: YE0810000
*15699-18-0	See: WS6050000
15700-73-9	See: UA9855000
15702-63-3	See: GF9560000
15702-65-5	See: OO9400000
15707-23-0	See: UQ3335000
*15707-32-1	See: QL7478000
*15708-41-5	See: AH4900000
15709-62-3	See: QR6525000
15713-63-0	See: NO8925000
15713-67-4	See: ZH5499000
*15721-02-5	See: DD1751000
15724-08-0	See: UM7350000
15724-86-4	See: AT7185000

BEST COPY AVAILABLE

CAS No.	RTECS No.
15724-87-5	See: AT7195000
15724-88-6	See: AT7205000
15730-83-3	See: WP3898700
*15741-90-9	See: FG0470000
*15741-91-0	See: FF8970000
15760-35-7	See: GU1300000
15760-36-8	See: GU1350000
*15763-48-1	See: XJ7050265
15764-24-6	See: JM1225000
15764-24-6	See: JM1500000
15767-73-4	See: VO1600000
15770-21-5	See: UY9850000
15773-47-4	See: OG0470000
15787-87-8	See: AT7197000
*15788-74-6	See: DH3067600
15795-36-5	See: LQ4568380
*15802-18-3	See: AS6530000
15804-19-0	See: VD2100000
15805-34-2	See: YZ6300000
*15805-73-9	See: FD1995000
15812-48-3	See: GU1912500
15823-55-9	See: AC5425000
*15825-70-4	See: OP3000000
15826-12-7	See: CM4419000
*15826-16-1	See: KK7890000
15826-37-6	See: DJ2380000
15826-61-6	See: GV6825000
*15829-53-5	See: OW8700000
15850-79-0	See: DL1750000
15851-81-7	See: LQ4568165
*15852-34-3	See: GU4044000
15857-68-8	See: XK6350000
15860-21-6	See: WI3050000
15861-24-2	See: NL5993120
*15863-65-7	See: TE4450000
15870-40-3	See: TC2352000
15870-41-4	See: TC5630000
15870-42-5	See: TC2480000
15870-43-6	See: TB9627500
*15875-13-5	See: XY9491300
15876-67-2	See: UU5277000
*15878-00-9	See: UQ6445000
*15878-08-7	See: UQ6456000
15878-77-0	See: TU1400000
*15879-93-3	See: FM9450000
15885-62-8	See: NS1247000
15885-63-9	See: NS1983000
15885-64-0	See: NS1983050
15885-67-3	See: NS2290500
15885-72-0	See: NS1980000
15886-81-4	See: SH0680000
*15886-84-7	See: TY5400000
15890-66-1	See: MA6550000
15891-46-0	See: PB8955000
15895-54-2	See: TY9340000
15900-09-1	See: UQ9160000
15900-24-0	See: UQ9500000
*15905-32-5	See: LM5940000
15911-11-2	See: NY2360000
15911-15-6	See: NY3365000
15911-16-7	See: NY3360000
15912-88-6	See: LV1500000
*15914-23-5	See: GC0875000
15916-96-8	See: TB2460000
15916-97-9	See: TA1850000
15918-04-4	See: TD1255000
15918-69-1	See: CM3496200
15918-70-4	See: CM3496050
15918-71-5	See: CM3496150
15918-73-7	See: CM3510000
15918-74-8	See: CM3491000
15918-75-9	See: CM3495300
15918-85-1	See: CM3492000
15918-89-5	See: CM3497500
*15922-78-8	See: UT9800000
15923-06-5	See: CM3496000
15923-41-8	See: CM3520000
15923-42-9	See: CM3500000
15923-43-0	See: CM3496100
15923-44-1	See: CM3496250
15923-48-5	See: UO7515000
15926-48-4	See: GU3829200
15926-55-3	See: GU4695400
15930-53-7	See: TO1576250
*15930-94-6	See: GB3260000
15932-32-8	See: UQ3927000
15932-34-0	See: UQ3926000
15935-70-3	See: US1813500
15935-79-2	See: UT7140700
15936-45-5	See: TI5603000
15941-41-0	See: UU5600000
15942-48-0	See: FB6300000
15942-78-6	See: KR9280000
15942-80-0	See: KR6702000
15942-81-1	See: KR7550000
15944-43-1	See: FD8585000
*15954-89-9	See: AH4800000
*15954-91-3	See: AH4060000
15954-94-6	See: AH4570000
15954-98-0	See: AH5300000
15960-90-4	See: SC5647000
15964-31-5	See: TJ7445000
15965-32-9	See: NI4775000
*15968-56-6	See: ZE7420000
*15969-27-4	See: XZ2854000
*15969-28-5	See: XZ1008000
15970-86-2	See: QD9890000
*15972-60-8	See: AE1225000
15978-91-3	See: TP2320000
15978-93-5	See: TP2480000
15978-94-6	See: TP2480100
*15980-15-1	See: RP4200000
15986-32-0	See: UO9050000
15991-27-2	See: NS5350000
15991-51-2	See: NS5380000
15992-13-9	See: NL6019500
15995-72-9	See: SI2280000
15996-31-3	See: XH2378000
16006-08-9	See: EY9780000
16006-09-0	See: FB2750000
16006-10-3	See: CM4417000
16011-96-4	See: TN0404000
16018-07-8	See: TK8133500
*16018-21-6	See: TM1782000
16018-22-7	See: TK9890000
16018-24-9	See: TL3487000
16018-25-0	See: TL0605000
16018-26-1	See: TL9355000
16018-27-2	See: TK8377000
16018-28-3	See: TM1781500
16018-29-4	See: TM1781000
16018-30-7	See: TL6685000
16018-31-8	See: TL3565000
16018-32-9	See: TL3489000
16018-33-0	See: TL4395000
16018-49-8	See: MF0870000
16018-51-2	See: ME9470000
16018-52-3	See: MF3610000
16018-53-4	See: MF3605000
16018-56-7	See: ME8790000
16018-57-8	See: MF3602000
16018-61-4	See: YS6350000
16018-65-8	See: MF0825000
16018-66-9	See: ME8770000
16018-67-0	See: MF0850000
16018-69-2	See: YT1476000
16018-70-5	See: YT1472000
16018-83-0	See: DU1850000
16018-84-1	See: YR8160000
16019-53-7	See: TK8112000
16019-78-6	See: TK8112950
16019-80-0	See: TK8115000
16019-85-5	See: TM4264050
16031-83-7	See: NM2460000
16031-95-1	See: HO3157200
16032-41-0	See: VB5240000
16033-17-3	See: CN1071000
*16033-21-9	See: XY2784000
*16034-77-8	See: UE6050000
16035-34-0	See: TP3940000
16035-39-5	See: TP3930000
*16039-55-7	See: EV1400000
*16044-74-9	See: CM8350000
16047-99-7	See: RP5350000
*16048-10-5	See: YM4219000
*16048-11-6	See: YM4250000
16048-42-3	See: YM5950000
16048-43-4	See: YM5425000
*16048-45-6	See: YM5250000
*16053-36-4	See: TH8760000
*16054-41-4	See: MV0640000
16056-11-4	See: BT2100000
16063-24-4	See: TX3734000
16063-69-7	See: UU0875000
16063-70-0	See: UU0525000
16064-30-5	See: SH1575000
16064-31-6	See: SH1500000
*16065-83-1	See: GB6261000
*16066-38-9	See: SD9900000
*16066-90-3	See: FC7750000
*16068-01-2	See: VV3597500
*16071-86-6	See: GL7375000
*16075-91-5	See: XY7660000
*16075-92-6	See: XZ2853500
16076-27-0	See: NI3517500
16078-30-1	See: NM1892500
16078-34-5	See: OB4505000
16088-56-5	See: TD7527000
16090-02-1	See: WJ6147000
16090-49-6	See: LY5250000
*16091-18-2	See: JH4745000
16096-97-2	See: EK1612000
16096-98-3	See: JO5100000
16105-78-5	See: SH6818000
16110-09-1	See: US8225000
*16110-13-7	See: CW8400000
16111-14-1	See: UM8350000
*16111-27-6	See: UM3770000
*16111-62-9	See: SD9679100
*16111-62-9	See: SD9700000
16112-60-0	See: RQ2816250
16118-18-6	See: MU2452500
16118-19-7	See: MU4214000
*16118-49-3	See: FD8900000
16122-19-3	See: TK8113000
16122-20-6	See: TK8135000
16128-22-6	See: SD8225000
16128-42-0	See: TP4512900
*16133-26-9	See: UT8576000
16135-43-6	See: NX2975000
16136-23-5	See: YM2780000
16136-32-6	See: ME8510000
*16136-84-8	See: UC7182000
16136-85-9	See: UC7180000
*16140-23-1	See: XO0556000
16142-83-9	See: DT7875000
*16143-89-8	See: AT6900000
*16145-97-4	See: KK3544000
16146-52-4	See: FB7175000
*16146-62-6	See: FC0875000
16146-79-5	See: LK8327500
16146-80-8	See: GB8113000
16146-81-9	See: LK8576000
16146-82-0	See: LK8748600
16146-83-1	See: LK8748400
*16149-17-0	See: AM6914800
*16149-19-2	See: AM6914400
*16149-22-7	See: AM8238000
16151-02-3	See: TK9850000
16154-77-1	See: UQ3950000
16154-78-2	See: UQ3930000
*16156-66-4	See: FC6710000
16156-90-4	See: NI6350000
16156-93-7	See: NI4382000
16156-95-9	See: NI4387000
16156-96-0	See: NI6340000
16160-66-0	See: ES0855000
*16165-66-5	See: SZ8561000
16174-88-2	See: DH8634000
16179-44-5	See: GU8580000
*16181-71-8	See: UM0050000
16188-74-2	See: TH9201500
*16188-76-4	See: TH9200000
16191-84-7	See: WR5350000
16192-27-1	See: NK7980000
16200-68-3	See: GU1320000
16203-97-7	See: CB1410000
16211-06-6	See: TF6400000
16211-09-9	See: FE6325000
16212-05-8	See: WR2400000
16212-28-5	See: AT7000000
*16215-49-9	See: SD9662000
*16215-49-9	See: SD9661000
*16215-49-9	See: SD9660000
*16219-75-3	See: RB9450000
*16219-98-0	See: UT6386000
16219-99-1	See: UT6386500
16221-22-0	See: VT4028000
16221-47-9	See: UA8420000
16221-56-0	See: UA8425000
*16221-63-9	See: UB8950000
16221-67-3	See: UB8880000
16222-49-4	See: UB7620000
16222-52-9	See: UB7878000
16222-53-0	See: UB5980000
16222-54-1	See: UB2750000
16222-55-2	See: UA7330000
16224-33-2	See: KN4550000
*16227-10-4	See: XZ4150000
16227-12-6	See: XZ5250000
*16230-71-0	See: RQ7700000
16230-87-8	See: NI3380000
16230-89-0	See: NI6330000
*16231-76-8	See: TD7900000
16232-80-7	See: NX5500000
16232-81-8	See: NX5991000
16233-60-6	See: TL4375000
*16238-56-5	See: CW0525000
16239-18-2	See: QL3500000
16239-25-1	See: DL0250000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*16239-84-2	See: XJ2854000
*16248-90-1	See: EZ6825000
16253-32-0	See: FC7540000
16268-54-5	See: XY4396500
16268-56-7	See: XY4396800
16268-57-8	See: XY4396600
16268-58-9	See: XY4396700
16268-60-3	See: XY4050000
16268-62-5	See: OS1100000
16268-82-9	See: XY3177500
16268-83-0	See: XY3177600
16268-87-4	See: XY3180000
16268-88-5	See: XY3178000
16270-86-3	See: TD7526000
16271-17-3	See: RO8925000
16271-33-3	See: DB8927500
16272-02-9	See: UB9356000
16274-54-7	See: XY6892500
16274-63-8	See: XY6827000
16274-95-6	See: NK6915000
16275-44-8	See: LU3455000
16283-49-1	See: AB7905500
16283-78-6	See: TM8590000
16289-61-5	See: XH5098100
*16291-96-6	See: FL7243500
16297-34-0	See: TM4415000
*16297-35-1	See: AC6336000
16297-36-2	See: UE4525500
16297-38-4	See: CV5586200
16297-39-5	See: CV2452000
16297-40-8	See: CV2451000
16297-41-9	See: CV2453000
16297-42-0	See: CV5585200
16297-43-1	See: AC7796000
*16301-26-1	See: HM2970000
16302-98-0	See: DA4600000
*16306-16-4	See: CX5082000
16306-98-2	See: NK8620000
16306-99-3	See: NK8396000
16307-06-5	See: NK8397000
*16310-68-2	See: HN5775000
*16310-69-3	See: HN5150000
*16320-04-0	See: JF7964000
16322-14-8	See: VB2020000
16322-19-3	See: DF8029850
16322-23-9	See: DF8031600
16325-43-2	See: UW4980000
16327-90-5	See: DF1050000
16332-51-7	See: BQ3850000
16336-24-6	See: AB6053300
*16338-97-9	See: HJ4600000
*16338-99-1	See: MK1260000
*16339-01-8	See: BY5850000
*16339-04-1	See: IA3400000
*16339-05-2	See: SC0450000
16339-06-3	See: TW3700000
*16339-07-4	See: TM1780000
*16339-12-1	See: PF8600000
*16339-14-3	See: MV8260000
*16339-16-5	See: KR1970000
*16339-18-7	See: AM1300000
*16339-21-2	See: SA9350000
16340-50-4	See: UQ2550000
16344-98-2	See: UU0980000
16344-99-3	See: UT4230000
16345-00-9	See: UT6400000
*16354-47-5	See: CX0350000
*16354-48-6	See: CW5600000
*16354-50-0	See: CW6125000
*16354-52-2	See: CW1750000
*16354-53-3	See: CW2275000
*16354-54-4	See: CX2625000
*16354-55-5	See: CW6300000
16357-59-8	See: VB2010000
16360-99-9	See: GD7415200
*16361-01-6	See: HN3850000
*16368-97-1	See: TB7900000
*16378-21-5	See: UY0869000
*16378-22-6	See: UY0870000
16382-06-2	See: NL8225000
16382-07-3	See: NL6300000
16386-43-9	See: CY9060000
*16395-80-5	See: UE4525000
*16395-82-7	See: MN8330000
16397-91-4	See: OP0890500
16398-00-8	See: DE9480000
*16398-39-3	See: HQ4029500
16400-82-1	See: UM6818000
16400-83-2	See: UN1260000
16401-99-3	See: NL3521850
16405-22-4	See: CL5350000
*16409-43-1	See: UQ1470000
*16409-45-3	See: AI5850000
*16409-46-4	See: OT0720000
16413-75-5	See: AC3660000
*16423-52-2	See: AB6060000
*16423-68-0	See: LM5950000
16429-21-3	See: RQ6710000
16430-09-4	See: NY3150000
*16432-36-3	See: GB7580000
*16433-43-5	See: YV7815000
16436-71-8	See: TA3500000
16449-54-0	See: BD2232000
16454-60-7	See: QP0175000
*16456-56-7	See: TG6720000
*16462-65-0	See: TP3400000
16462-86-5	See: TB8810000
16468-77-2	See: QT2020000
16468-98-7	See: CQ6655000
16470-25-0	See: WJ6162000
16475-50-6	See: RO9625000
16479-50-8	See: FH4930000
16481-54-2	See: TP9002050
*16484-77-8	See: UE9755000
16484-86-9	See: KW0175000
*16485-39-5	See: ET1760000
16487-37-9	See: YM6000000
16488-04-3	See: HN9280000
16488-05-4	See: HN9110000
*16488-48-5	See: DG4713000
*16499-30-2	See: GU7490000
*16499-75-5	See: TF6350000
*16500-53-1	See: TE0220000
16501-01-2	See: TI2275000
16508-97-7	See: GU8575000
16509-23-2	See: DF3500000
16509-35-6	See: TN1450000
*16509-45-8	See: HM2865000
16509-79-8	See: ZH1600000
16512-00-8	See: QT1970000
16524-22-4	See: CB4170000
16524-23-5	See: CB4200000
16527-53-0	See: SL1944000
16527-54-1	See: EO5990000
16527-55-2	See: EO5240000
16531-19-4	See: CV4203000
16531-21-8	See: CV4209000
16531-23-0	See: CV4260000
16531-25-2	See: CV4235000
16531-31-0	See: CV2434000
16531-34-3	See: CV4240000
16531-36-5	See: CV4245000
16531-38-7	See: CV4640000
16531-40-1	See: CV4255000
16531-42-3	See: CV2439000
16531-44-5	See: CV4590000
16531-46-7	See: CV4620000
*16532-79-9	See: AL8090000
16534-84-2	See: MB9800000
16537-51-2	See: TA6475000
16537-52-3	See: TA6300000
*16543-55-8	See: QS6550000
*16545-11-2	See: OI7A10000
*16550-39-3	See: GW[illegible]0000
16552-80-0	See: [illegible]X4915000
*16561-28-7	See: GZ0617000
*16561-29-8	See: GZ0630000
16562-70-2	See: QE4087000
16562-71-3	See: QE1360000
16562-72-4	See: QE5175000
*16564-41-3	See: BP0693000
*16566-62-4	See: QL0610000
*16566-64-6	See: QL0600000
16566-74-8	See: UV0925000
16566-76-0	See: UV0923000
16566-78-2	See: UV0478000
16566-81-7	See: UV0477000
*16568-02-8	See: LQ8500000
16571-50-9	See: NM1860000
16571-63-4	See: NM1800000
16571-86-1	See: UE4525710
16571-89-4	See: UE4525800
16573-28-7	See: TI4280000
16575-27-2	See: CV2436000
16575-28-3	See: CV4610000
16575-30-7	See: CV4600000
16584-05-7	See: DM1270000
*16587-71-6	See: GW1960000
16588-06-0	See: CV2465000
*16590-41-3	See: QD2155000
*16595-80-5	See: NJ5960000
16596-41-1	See: UX9693000
16597-35-6	See: UW5787000
16597-36-7	See: HM4094000
16597-38-9	See: HM4092000
16602-80-5	See: MV7525000
16602-88-3	See: MV7100000
16602-97-4	See: MV2000000
16603-03-5	See: MV3120000
16603-07-9	See: MV2310000
16603-10-4	See: MV7800000
16603-11-5	See: MV7875000
16603-16-0	See: MV5210000
*16606-02-3	See: DV8810000
16609-47-5	See: QJ3415000
16610-44-9	See: CB4172000
*16618-72-7	See: NK7538200
16619-19-5	See: QE0510000
16620-52-3	See: NL7700000
*16623-56-6	See: XG2005000
16626-99-6	See: PB2770000
16627-02-4	See: DB8090000
16627-04-6	See: DB5650000
16634-82-5	See: AN3150000
*16637-86-8	See: FC5500000
*16644-15-8	See: CW1795600
16644-30-7	See: VN5500000
*16646-42-7	See: GW4550000
*16646-44-9	See: KI8925000
*16650-10-5	See: KI8760000
16654-64-1	See: KR6709000
*16659-88-4	See: NX0480000
16669-59-3	See: AS3630000
16671-87-7	See: DH6865000
16671-88-8	See: DH6905000
16672-39-2	See: KJ9500000
*16672-87-0	See: SZ7100000
16672-99-4	See: CB7525000
*16675-05-1	See: GZ0620000
16676-29-2	See: QD2160000
16689-12-6	See: UH1856000
*16690-44-1	See: AC5950000
*16694-30-7	See: WI4570000
*16699-07-3	See: NK8600000
*16699-10-8	See: VC1650000
*16711-32-3	See: VC0309000
*16714-57-1	See: UP0760000
16714-68-4	See: TZ5550000
16715-59-6	See: AK5400000
16715-77-8	See: QL1720000
16719-32-7	See: DP1925000
16719-34-9	See: DP1750000
16720-01-7	See: HP6650000
16720-02-8	See: HP7700000
16720-03-9	See: HP6825000
16720-04-0	See: HP7000000
16720-05-1	See: HP7525000
16720-19-7	See: AJ6880000
16720-67-5	See: BP7523000
*16720-76-6	See: LU3464000
*16721-80-5	See: WE1911000
*16721-80-5	See: WE1900000
16726-46-8	See: TL1500000
16728-83-9	See: AM2275000
*16731-55-8	See: TT4920000
16738-19-5	See: YU3850000
16738-20-8	See: YU3675000
*16752-77-5	See: AK2975000
16754-39-5	See: FD1170000
*16755-07-0	See: ON6200000
*16757-80-5	See: DJ7525000
*16757-81-6	See: DJ7175000
*16757-82-7	See: DJ7000000
*16757-83-8	See: DJ7350000
*16757-84-9	See: DJ5083000
*16757-85-0	See: DJ5075000
*16757-86-1	See: DJ5076000
*16757-87-2	See: DJ5080000
*16757-88-3	See: DJ5077000
*16757-89-4	See: DJ5085000
*16757-90-7	See: DJ5078000
*16757-91-8	See: DJ5082000
*16757-92-9	See: DJ8050000
16758-31-9	See: UU6925970
16758-33-1	See: UU6925940
16758-47-7	See: QD0768000
16760-48-8	See: UH4408000
*16763-41-0	See: XJ5951000
16763-42-1	See: SM1577500
16763-43-2	See: SM1578000
16763-44-3	See: SL4510000
*16773-42-5	See: NI5460000
16773-52-7	See: NI5300000
16776-40-2	See: HZ4300000
16777-42-7	See: UH2450000
16780-88-4	See: NI2990000
16784-02-4	See: AB7559000
*16784-03-5	See: AB7553000
16784-04-6	See: AB7490000
*16784-05-7	See: AB7551000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CAS No.	RTECS No.
*16784-08-0	See: AB7465000
*16784-09-1	See: AB7557000
*16784-10-4	See: AB7563000
16785-18-5	See: EU4885600
16785-20-9	See: AM9450500
16785-27-6	See: UB9750000
16785-29-8	See: EL5100000
16785-30-1	See: EU5330000
16785-31-2	See: AM5990000
16785-32-3	See: AM9813000
16785-81-2	See: WT1900000
16786-97-3	See: TP2497150
*16786-98-4	See: TP2494700
16793-47-8	See: SI7713500
16793-49-0	See: SI7715000
16793-50-3	See: SI7717000
16793-51-4	See: SI7712000
*16793-52-5	See: SI7716500
16793-53-6	See: SI7913000
16793-56-9	See: SI7716000
16793-62-7	See: SI7708000
16793-63-8	See: SI7718000
16793-66-1	See: SI7713000
16793-67-2	See: SI7703500
16793-68-3	See: SI7703000
16793-69-4	See: DP3325000
16793-70-7	See: DP1725000
16793-71-8	See: DP4380000
16793-75-2	See: SI7714000
16793-82-1	See: SI7715500
16799-30-7	See: UH4426000
16800-47-8	See: YO7800000
16802-73-6	See: VA3382000
16802-74-7	See: VA1350500
16802-75-8	See: VA3420300
*16808-85-8	See: AL0275000
16809-53-3	See: FI1800000
16809-58-8	See: DI0350000
16809-59-9	See: SI7714500
16809-61-3	See: SI7754000
16809-62-4	See: SI7702000
16809-63-5	See: MV2700000
16809-64-6	See: SI7776500
16809-65-7	See: SI7753000
16810-17-6	See: XX8430000
*16813-36-8	See: MX9280000
*16816-67-4	See: ES4392700
16822-65-4	See: VA3832100
16825-87-9	See: FI1450000
*16830-14-1	See: YS3120000
*16830-15-2	See: YU9625000
*16839-13-7	See: SZ6870300
16840-49-6	See: NR3645000
16841-19-3	See: GY2800000
*16842-03-8	See: GG0900000
*16845-29-7	See: VM2651000
16846-24-5	See: OH4725810
16846-34-7	See: OH4725000
16846-63-2	See: CQ3357000
16849-88-0	See: OO3746000
*16853-85-3	See: BD0100000
16864-62-3	See: PB9060000
16864-63-4	See: PB9075000
16870-63-6	See: UH1852000
16870-86-3	See: XZ5600000
*16870-90-9	See: ZD9150000
*16871-71-9	See: VV8754000
*16871-90-2	See: VV8400000
*16872-11-0	See: ED2685000
16873-88-4	See: GD6895000
*16879-01-9	See: DM0016500
16883-45-7	See: BS8310000
*16887-79-9	See: NS2100000
16891-97-7	See: SI7702500
16892-03-8	See: DF9485000
*16893-11-1	See: TP2506000
*16893-85-9	See: VV8410000
*16893-93-9	See: TT1600000
16899-74-4	See: WG2140000
*16899-89-1	See: VC8614300
16904-30-6	See: MV8575000
16912-01-9	See: DP4034000
16914-02-6	See: SZ5990700
16914-04-8	See: SZ5990900
16914-90-2	See: UM2100000
16914-91-3	See: UM5950000
16914-92-4	See: UM7875000
16915-70-1	See: VO2980000
*16915-71-2	See: RC8961110
*16919-27-0	See: TT1575000
*16919-58-7	See: BP5425000
16919-73-6	See: TS8089000
*16920-93-7	See: TP1389000
*16921-30-5	See: TP1550000
*16923-95-8	See: ZH7028400
*16924-00-8	See: TT1225000
*16925-39-6	See: EW4025000
16926-70-8	See: DH4010450
*16930-96-4	See: GQ5780000
16931-17-2	See: SB2000000
*16940-66-2	See: ED3325000
*16940-81-1	See: SY7115000
*16941-12-1	See: TP1500000
16941-92-7	See: NO3592500
*16949-15-8	See: OJ6427000
16954-69-1	See: DL5775000
*16956-44-8	See: VT3275300
16958-11-5	See: QE1000000
16958-29-5	See: WH1306400
16958-31-9	See: VS3595000
16960-16-0	See: GM7915000
*16960-39-7	See: AB2955000
*16960-40-0	See: DE3000000
*16961-83-4	See: VV8225000
*16962-07-5	See: ED3200000
*16962-40-6	See: XR1500000
16967-79-6	See: KJ3750000
16968-19-7	See: DT4391000
16969-06-5	See: ZE4050000
*16984-48-8	See: LM6290000
*16986-24-6	See: HS9290000
16987-28-3	See: CM3100000
16987-32-9	See: SL4950000
16987-36-3	See: CM3340000
*16993-94-5	See: DV3850000
17003-75-7	See: KK7220000
17008-20-7	See: XY6125000
*17010-21-8	See: EV0875000
17010-23-0	See: MD5250000
*17010-59-2	See: BX2100000
*17010-61-6	See: BX3150000
*17010-62-7	See: BY1225000
*17010-63-8	See: BY1050000
*17010-64-9	See: BX3675000
*17010-65-0	See: BY0525000
*17012-89-4	See: FZ3850000
*17012-91-8	See: CW8050000
17013-01-3	See: LT1830000
17013-33-1	See: CQ0512500
17013-35-3	See: CQ5597500
17013-36-4	See: CQ7161000
17013-37-5	See: CQ4790000
17013-40-0	See: CQ7160600
17013-41-1	See: CQ3430000
17013-42-2	See: CQ7073700
*17014-71-0	See: TT4450000
*17018-24-5	See: BY6400000
*17021-26-0	See: BV8385000
*17025-30-8	See: VB5250000
*17026-81-2	See: AD8575000
*17027-36-0	See: TD2700000
17028-33-0	See: TN4220700
*17029-22-0	See: TT1255000
*17030-08-9	See: TP2509230
*17030-12-5	See: TP1765000
17031-32-2	See: GL8400000
*17032-59-6	See: XF8883000
*17039-23-5	See: TN6235000
17040-19-6	See: TF9050000
17048-30-5	See: YE1700000
17048-33-8	See: TN4350100
17048-35-0	See: YE2960000
17048-36-1	See: HR8407000
17048-97-4	See: CQ7165000
*17058-53-6	See: DK3675000
*17061-21-1	See: GZ2710000
*17068-78-9	See: CI6478000
*17070-45-0	See: AR7678000
17073-16-4	See: YR7883000
17073-33-5	See: RG7757000
*17073-35-7	See: FE1100000
*17074-42-9	See: AR9069000
17074-44-1	See: AR9070000
17080-02-3	See: GZ1640000
17081-14-0	See: BP7505000
17083-38-4	See: BR8540000
17083-85-1	See: BS5850000
17086-16-7	See: MJ4725000
17086-20-3	See: EB2800000
*17086-76-9	See: WJ2510000
17088-21-0	See: UR2730000
17088-72-1	See: BP7652650
*17088-73-2	See: SD8240000
*17089-54-2	See: BT5220000
*17090-79-8	See: JH2829500
*17090-93-6	See: CI9490000
17091-21-3	See: TY6785000
17091-40-6	See: KL4200000
*17095-24-8	See: QJ6402500
17097-73-3	See: SH6935000
17097-76-6	See: ES9572000
*17099-80-8	See: AH4150000
17099-81-9	See: NO6880000
*17100-11-7	See: AH4050000
17100-84-4	See: DB2375000
17100-85-5	See: DB1990000
17100-92-4	See: DB2550000
17100-94-6	See: DB1555000
17100-96-8	See: XT5615000
17101-05-2	See: XT5784000
17107-32-3	See: OP2850000
*17109-49-8	See: TE3850000
17118-78-4	See: TG5150000
17118-79-5	See: TE6425000
*17124-68-4	See: UL8710000
*17124-71-9	See: UL9905000
*17124-73-1	See: UM2410000
*17124-74-2	See: UM2407000
*17124-75-3	See: NJ2630000
*17125-80-3	See: CR0525000
17131-24-7	See: TZ1400000
17131-51-0	See: TY8395000
17131-52-1	See: TY8405000
17135-90-9	See: EV6599000
17140-05-5	See: QC9450000
17140-11-3	See: UT9450000
17140-60-2	See: MA7980000
*17140-68-0	See: XH5095500
*17140-78-2	See: QK1600000
17144-46-6	See: JG8016000
17146-69-9	See: KR9680000
17146-73-5	See: YE2115000
17146-74-6	See: YE2930000
17146-75-7	See: YE2105000
17146-76-8	See: YE2260000
17146-95-1	See: OD5400000
*17148-41-3	See: CQ3027080
*17148-43-5	See: CQ3027600
*17148-44-6	See: CQ3027070
*17148-45-7	See: CQ7068510
17149-25-6	See: TK9150000
17149-26-7	See: TL0150000
17149-27-8	See: TK8800000
17153-27-4	See: XN0810000
*17157-48-1	See: AB2190000
17160-71-3	See: EU3675000
17162-14-0	See: FH5327000
*17162-32-2	See: TM2665000
17164-65-7	See: JG8018000
*17167-73-6	See: AB2946500
*17169-60-7	See: MC0596300
*17172-31-5	See: BS3859100
17172-62-2	See: CU7600000
*17174-38-8	See: TM4978000
*17174-39-9	See: TM4977000
*17174-40-2	See: TM4979000
*17174-40-2	See: TM4980000
*17174-41-3	See: TM4976000
*17174-43-5	See: SH0652500
*17174-44-6	See: SH2154000
*17174-45-7	See: SH2104600
17179-38-3	See: FH4770800
17180-26-6	See: QJ3500000
17183-07-2	See: RN7820000
17183-08-3	See: RN7810000
17183-11-8	See: RN7860000
17183-23-2	See: XU1582000
17184-83-7	See: SM1200000
17184-84-8	See: SM7580000
17184-86-0	See: SK1580000
17185-22-7	See: KQ9430000
17185-25-0	See: KR8840000
17186-95-7	See: XH2471000
17191-58-1	See: SJ6337500
17191-65-0	See: XU1584000
17191-84-3	See: UC1400000
17193-92-9	See: VD6191500
17197-57-8	See: CM4561000
17197-60-3	See: CM4555000
17197-61-4	See: CM4408000
17199-30-3	See: UC1450000
17199-35-8	See: DB6000000
17199-55-2	See: MJ3500000
17200-29-2	See: DM4690000
17209-72-2	See: UG0880000
*17210-48-9	See: BZ6650000
17224-46-3	See: EK2900000
*17226-43-6	See: TY7900000
17226-75-4	See: LZ5904000
17229-42-4	See: OO3800000

BEST COPY AVAILABLE

CAS No.	RTECS No.
17229-59-3	See: TK9600000
17230-87-4	See: EU2100000
*17230-88-5	See: TU4157070
17232-69-8	See: UY9454800
17236-22-5	See: XN0750000
*17239-49-2	See: TL1287200
*17238-50-5	See: TL0872000
*17238-51-6	See: TL1288800
17238-52-7	See: TL1288900
*17238-53-8	See: TM6117000
17239-52-0	See: TI5150000
17239-58-6	See: MV0670000
*17243-25-3	See: TM4981000
17243-39-9	See: KJ4375000
17243-57-1	See: SH2050000
*17243-64-0	See: XJ5131750
*17247-77-7	See: VA2200000
17250-90-7	See: NN1500000
17258-21-8	See: UR5805000
*17263-56-8	See: WW8039000
*17263-59-1	See: WJ6475000
*17264-01-6	See: PC2975000
17264-94-7	See: DG3100000
*17268-47-2	See: UE3850000
17268-48-3	See: UE4375000
17274-05-4	See: UF6660000
17274-12-3	See: DH9360000
17277-57-5	See: WQ2960000
*17278-93-2	See: DM2100000
17279-39-9	See: SI3800000
17282-40-5	See: UU4020000
*17282-61-0	See: QE0450000
17289-54-2	See: AE1972000
17291-84-8	See: YT1225000
17291-86-0	See: YS8750000
17291-87-1	See: YT0700000
17291-88-2	See: YT0875000
17291-89-3	See: YT1050000
17291-92-8	See: YS9810000
17297-82-4	See: TL9450000
17302-82-8	See: DG7503500
*17303-67-2	See: UQ0590000
17306-02-4	See: AT7196000
17306-04-6	See: AT7182000
*17307-20-9	See: AE2265000
*17307-21-0	See: GD7469000
*17307-22-1	See: ES5242000
*17307-23-2	See: CV8660000
*17307-24-3	See: MW4930000
*17309-86-3	See: NK7920100
*17309-87-4	See: NK7920200
*17311-31-8	See: VD1900000
17317-16-7	See: SK0650000
*17321-55-0	See: TL1282000
*17321-56-1	See: TL1287000
*17321-77-6	See: HN9055000
17322-85-9	See: TU7500000
17327-80-9	See: IE1390000
17328-16-4	See: WR3150000
*17332-43-3	See: TH8480000
17334-68-8	See: NY2938600
17335-06-7	See: NY2370000
*17338-37-3	See: TN7860010
17339-58-1	See: TM8050000
17339-60-5	See: KR7300000
17350-07-1	See: LQ4568510
17357-38-9	See: LV2028000
17359-82-9	See: DM6636000
17360-35-9	See: UY6000000
17364-40-8	See: UQ9280000
17364-41-9	See: UQ9300000
17364-42-0	See: UQ9050000
*17369-59-4	See: NP7235000
17371-99-2	See: DM4888000
*17372-87-1	See: LM5850000
17374-21-9	See: XJ0875000
*17381-88-3	See: WH6881000
17386-89-9	See: EU2285000
*17397-89-6	See: JR1670000
*17400-65-6	See: VB6125000
*17400-68-9	See: VB7525000
*17400-69-0	See: VB5775000
*17400-70-3	See: VB5950000
17401-48-8	See: CU3520000
17402-80-1	See: DL9700000
17405-06-0	See: RW9330100
*17406-45-0	See: XW1050000
17408-50-3	See: AB8765000
17413-74-0	See: NQ4555000
*17416-17-0	See: VB5425000
*17416-18-1	See: UZ9800000
*17416-20-5	See: VB6300000
*17416-21-6	See: VB7700000
17418-58-5	See: CB5725000
17420-30-3	See: BX2500000
17425-25-1	See: EL6160000
17427-00-8	See: BO2275000
17427-08-6	See: MP6400000
17427-09-7	See: MJ8800000
*17431-55-9	See: RH6250000
*17433-31-7	See: MU7700000
17433-39-5	See: AJ5780000
17448-96-3	See: OO1180000
17449-15-9	See: RH2150000
*17449-96-6	See: AB5822700
17455-13-9	See: MP4500000
17463-44-4	See: UE6825000
*17466-45-4	See: SE9800000
17471-59-9	See: UC8180000
17471-82-8	See: ME8510500
*17476-04-9	See: OJ5585000
17481-62-8	See: UV1153250
17489-40-6	See: ON8250000
17493-73-1	See: AB5740000
17494-61-0	See: WR6850000
17494-72-3	See: FD1210000
*17501-44-9	See: ZH9280000
17505-25-8	See: RO0595000
17507-05-0	See: NX6050000
*17511-60-3	See: PC0470000
*17513-40-5	See: CW0900000
17518-47-7	See: AC6490000
*17522-84-8	See: HS9354000
*17523-77-2	See: TT3850000
*17526-07-7	See: HS9353000
*17526-17-9	See: CB6705000
*17526-24-8	See: CW8575000
17526-74-8	See: MO7600000
17531-75-8	See: UB3200000
17531-79-2	See: UB4150000
17531-82-7	See: UB1100000
17531-84-9	See: UB4270000
17531-87-2	See: UB4250000
17531-90-7	See: UB4170000
17531-93-0	See: UB4230000
17531-98-5	See: UB4210000
17532-01-3	See: UB4190000
17532-07-9	See: EL1545000
17532-08-0	See: EL3300000
17532-09-1	See: EL3450000
17532-11-5	See: EL3400000
17532-12-6	See: EL3350000
17536-04-8	See: UY1455000
17544-17-1	See: GB7993000
17549-30-3	See: EZ5600000
17550-93-5	See: UQ6477800
17551-14-3	See: UQ7110000
17551-16-5	See: UQ7150000
17551-24-5	See: UQ7130000
17551-76-7	See: TL6785000
*17557-23-2	See: TX3760000
*17560-51-9	See: VA1700000
*17563-48-3	See: WH6765000
*17573-15-8	See: DJ4965400
*17573-21-6	See: DJ8280000
*17573-23-8	See: DJ4965000
*17575-20-1	See: OE1980000
*17575-21-2	See: OE2040000
*17575-22-3	See: OE2100000
17576-41-9	See: FB0175000
*17576-63-5	See: VB8400000
17576-99-7	See: GU5675000
17578-36-8	See: TF0450000
17578-95-9	See: DL7063000
17578-97-1	See: DL7044000
17579-39-4	See: BO2100000
*17581-48-5	See: WM8550000
17583-76-5	See: WU7688700
17583-77-6	See: WU7679500
17583-78-7	See: WU7687000
*17590-01-1	See: AM1050000
17592-81-3	See: SZ1625000
*17592-97-1	See: WH1317150
17596-61-1	See: KR7700000
*17597-95-4	See: AB2915000
17598-10-6	See: QE4850000
17598-65-1	See: OE2100500
17599-07-4	See: DG2351500
17599-17-6	See: DG2315000
17599-20-1	See: DG1960000
*17599-75-6	See: FL7007000
*17601-12-6	See: WH6733500
17605-71-9	See: DO4620000
17605-85-5	See: UQ6875000
17605-86-6	See: UQ6575000
17605-87-7	See: UQ6500000
17605-88-8	See: UQ6900000
17605-89-9	See: UQ6850000
17605-90-2	See: UQ6525000
17605-91-3	See: UQ6550000
17606-22-3	See: UY8600000
17606-23-4	See: UY8588700
*17606-31-4	See: DB8000000
17607-33-9	See: AB7552000
17607-34-0	See: AB7556000
17607-40-8	See: AB7455000
17607-41-9	See: AB7480000
17607-45-3	See: AB7485000
17607-46-4	See: AH0564000
17607-47-5	See: AH0551000
17607-48-6	See: AH0558000
17607-49-7	See: AH0560000
17607-50-0	See: AH0550000
*17608-59-2	See: DP0600000
*17609-80-2	See: SJ5710000
17615-73-5	See: OY2230000
17617-05-9	See: UT4680000
17617-11-7	See: NW6580000
17617-18-4	See: NW6780000
*17617-23-1	See: DF2368050
*17617-45-7	See: PC5150000
17617-46-8	See: TJ9320000
17617-59-3	See: DF2330000
17622-94-5	See: KW5800000
*17627-76-8	See: DA5952000
17627-78-0	See: JI4800000
17630-53-4	See: KR6410000
17636-47-4	See: SZ0176100
17636-48-5	See: SZ0176500
*17639-93-9	See: UE9100000
17641-00-8	See: AE7250000
17641-03-1	See: AE1450000
17641-04-2	See: AD9640000
17641-05-3	See: AD9635000
17641-08-6	See: AE8292500
17641-09-7	See: AE8297500
17641-10-0	See: AE1425000
17641-12-2	See: AM4380000
17641-13-3	See: AM4440000
17641-14-4	See: AM4430000
17643-70-8	See: RP5450000
*17650-86-1	See: BE5950000
*17651-61-5	See: AV3800000
17654-88-5	See: XI4815000
17656-71-2	See: NW6790000
17665-87-1	See: BW6700000
17667-23-1	See: DU3108000
17667-37-7	See: YV7795000
17669-76-0	See: RU1700000
17671-69-1	See: TB7525000
*17673-25-5	See: GZ0600000
17676-08-3	See: KE4379000
17678-99-8	See: XX8680000
*17683-69-1	See: FD9770400
*17689-16-6	See: XK0350000
17692-34-1	See: JH2625000
*17692-39-6	See: QE8480000
*17692-51-2	See: FA1070000
17692-54-5	See: QM2700000
*17692-63-6	See: BP7627000
17696-69-4	See: TS5505000
17697-46-0	See: TN1295000
17698-20-3	See: TL1504000
17700-54-8	See: AE1970000
*17702-41-9	See: HD1400000
*17702-57-7	See: FB9880000
*17702-61-3	See: TB1105000
*17702-63-5	See: TB5050000
*17702-64-6	See: TB8440000
*17702-71-5	See: TD8500000
*17702-76-0	See: TE2300000
*17702-78-2	See: TE3200000
*17702-79-3	See: TE3250000
17705-30-5	See: TY0350000
17708-57-5	See: EZ8225100
*17708-58-6	See: EZ8225050
17710-06-4	See: CV2314000
17710-07-5	See: CV2319000
17710-08-6	See: CV2317000
*17710-61-1	See: FD9770800
*17710-62-2	See: FD8587000
*17711-13-6	See: GY4569750
17713-05-2	See: PB7722150
17713-06-3	See: PB7721500
17713-07-4	See: PB7722700
17713-11-0	See: CL5329500
17713-12-1	See: CL5324100
17713-14-3	See: CL5328000
17715-00-3	See: UK4725000
17718-19-3	See: VB1810000

BEST COPY AVAILABLE

CAS No.	RTECS No.
17718-20-6	See: VB2200000
17719-22-1	See: MF4240000
17719-29-8	See: CM4415000
17719-30-1	See: CM4410000
17719-88-9	See: TL3470000
*17721-95-8	See: TM7320000
17730-53-9	See: VA3138000
17730-60-8	See: TL0610000
17730-61-9	See: TM0858000
17730-62-0	See: TM2635000
17730-63-1	See: PB7722450
17730-78-8	See: TL3520000
17730-81-3	See: TM2627500
*17730-82-4	See: TL0620000
17730-83-5	See: PB7722400
17730-84-6	See: PB7722100
*17737-65-4	See: QT0960000
17739-80-9	See: OB1625000
17739-81-0	See: HQ3550000
17742-78-8	See: PC1920000
17744-98-8	See: NJ5198500
17744-99-9	See: NJ5199000
17745-00-5	See: NJ5199600
17745-04-9	See: NJ5117000
17745-06-1	See: NJ5144000
17745-07-2	See: NJ5198000
17747-24-9	See: GQ4610000
17747-52-3	See: PB7722750
17747-53-4	See: CL5324170
17750-48-0	See: NX4911000
*17750-93-5	See: DJ7954000
17751-06-3	See: AE1970100
*17751-68-7	See: UU3874300
*17751-69-8	See: UU3874090
*17751-70-1	See: UU4024040
*17751-71-2	See: UU3874050
*17751-72-3	See: UU3874020
*17751-73-4	See: UU3874140
*17751-74-5	See: UU3874110
*17751-75-6	See: UU2740160
*17751-76-7	See: UU2704000
*17751-77-8	See: UU2705000
*17751-78-9	See: UU3874160
17752-60-2	See: UV1154000
17753-04-7	See: AJ2290000
17753-05-8	See: AI2650000
17753-06-9	See: AG0500000
17753-07-0	See: AH8560000
*17754-40-4	See: UU7876400
17754-44-8	See: CJ9435000
17755-60-1	See: AM9465000
17755-62-3	See: AM6905000
17755-64-5	See: AM9451500
17755-67-8	See: AN0400000
17755-68-9	See: UH4386200
17755-70-3	See: UG8300000
17755-84-9	See: EU5300000
17755-85-0	See: EU1700000
17755-87-2	See: EU4820000
17755-90-7	See: EU5360000
*17756-81-9	See: AB5100000
*17758-52-0	See: UW6850000
17765-94-5	See: UB7580000
17766-61-9	See: OB4590000
17766-62-0	See: OB1380000
17766-63-1	See: OB6390000
17766-66-4	See: OB1740000
17766-68-6	See: OB4573000
17766-70-0	See: OB4576000
17766-74-4	See: OB6560000
17766-75-5	See: OB6580000
17766-77-7	See: OB6480000
17766-79-9	See: OB6540000
17766-80-2	See: AM8760000
17770-30-8	See: AB5965000
17771-34-5	See: YS7185000
17773-10-3	See: GA4100000
17780-75-5	See: UI0675000
*17781-31-6	See: UT4725000
*1778 -86-1	See: CB2559100
17784-47-3	See: AR9322000
17785-94-3	See: UU4820000
17787-98-3	See: UE5097500
17788-15-7	See: GQ2500000
17788-19-1	See: YV6032900
17788-24-8	See: YV6032600
17788-26-0	See: UE5093000
17788-28-2	See: UE5094600
17788-86-2	See: GQ2480000
17790-36-2	See: XJ7050180
17790-37-3	See: XJ7050160
17794-44-4	See: ES4857500
17795-78-7	See: YV6016000
17795-79-8	See: YV6031500
17795-80-1	See: YV6031100
17795-81-2	See: MN8475000
17798-17-3	See: ES5244000
17798-18-4	See: GQ2310000
17798-19-5	See: YV6017000
17798-24-2	See: YV6032400
17800-20-3	See: SO1600000
*17804-35-2	See: DD6475000
*17808-24-1	See: SL1944720
*17810-51-4	See: UU2703000
*17810-52-5	See: UU3863000
*17810-53-6	See: UU3874180
17814-27-6	See: ES5249000
17814-28-7	See: YV6032700
17821-66-8	See: UH4400400
17822-58-1	See: AH2579400
17822-71-8	See: CV7437000
17822-72-9	See: CV7430000
17822-73-0	See: CV7436000
*17822-74-1	See: CV8575000
17831-98-0	See: SN8575000
17837-64-8	See: OB1775000
17837-65-9	See: AM5970000
17838-04-9	See: UE5097700
17838-05-0	See: GQ2470000
17854-57-8	See: ZD6050000
17854-58-9	See: ZD6030000
17854-59-0	See: ZD6109000
*17861-62-0	See: RA1080000
17862-45-2	See: ZD6103000
17863-71-7	See: AB7475000
17863-72-8	See: AB7561000
17867-69-5	See: FG1756000
17869-27-1	See: YJ8985000
*17874-34-9	See: GN4937900
17875-13-7	See: TC2470000
17875-15-9	See: TB9627000
17877-45-1	See: TZ7770000
17878-69-2	See: LV1742000
17887-09-1	See: UI5200000
*17893-55-9	See: AJ1225000
17895-76-0	See: DE8025700
*17895-84-0	See: GA2625000
17895-87-3	See: DE8019500
17895-95-3	See: DE8025900
17895-96-4	See: DE8019520
17895-97-5	See: DE8025720
17901-74-5	See: GU4678200
17901-78-9	See: GU4675800
*17902-23-7	See: YR0450000
*17918-11-5	See: CM7100000
17920-23-9	See: OO1630000
*17924-92-4	See: DM2550000
17929-04-3	See: DE8025850
17929-34-9	See: DM5261000
17929-92-9	See: GU4675950
17929-96-3	See: GY0360000
*17934-72-4	See: VC8608700
*17934-75-7	See: VC8608300
17936-73-1	See: DP0635000
*17938-95-3	See: JI3550000
*17943-28-1	See: VC8612000
*17943-33-8	See: VC8610700
*17943-37-2	See: VC8608100
*17943-42-9	See: VC8608900
*17943-45-2	See: VC8608400
*17943-54-3	See: VC8608500
*17943-56-5	See: VC8609100
*17943-58-7	See: VC8608200
17952-83-9	See: UV1080000
*17958-39-3	See: EK7792000
*17959-11-4	See: FB3960000
*17959-12-5	See: FC5330000
17962-22-0	See: GW0880000
17963-09-6	See: VV3592500
*17968-82-0	See: GY4569900
*17969-20-9	See: XJ1800000
*17969-41-4	See: XJ1888000
*17977-68-3	See: WH8277000
17982-55-7	See: SZ6567000
17985-98-7	See: SZ5950000
17989-89-8	See: XM8600000
18005-38-4	See: TA3750000
18009-29-5	See: CQ6670000
18032-68-3	See: TN1305000
*18032-95-6	See: TA5700000
18035-92-2	See: DI0470000
18035-93-3	See: DH9580000
*18046-21-4	See: XJ1890000
18050-88-9	See: QD0230000
18051-25-7	See: CV4206000
18051-52-0	See: CV4212000
18051-53-1	See: CV4265000
18057-40-4	See: UI2510000
*18059-99-9	See: HP1330000
18063-89-3	See: LU3565000
18065-91-3	See: DK2186000
18065-92-4	See: DK2185000
18065-95-7	See: DK1670000
18065-96-8	See: DK1861800
18065-97-9	See: DK1660000
18065-98-0	See: DK1861700
18065-99-1	See: DK1861500
18066-00-7	See: DK1860000
18066-11-0	See: FC3370000
18067-13-5	See: YM3675100
18070-59-2	See: UV0880000
18071-54-0	See: VN7350000
18073-23-9	See: FE6201000
*18073-34-2	See: UU8821000
18076-02-3	See: UG1585000
18082-95-6	See: UI5220000
18085-04-6	See: QJ7012000
*18095-72-2	See: MC3030000
*18095-74-4	See: GD7477000
18100-57-7	See: UU6895000
18102-15-3	See: GP1338000
18106-97-3	See: XY7060000
*18109-48-3	See: AE2330000
*18109-50-7	See: AE2357000
*18109-53-0	See: AE2355000
*18109-55-2	See: AE2062000
*18109-58-5	See: AE2268000
*18109-65-4	See: AE2195000
*18109-81-4	See: ET5960000
18111-13-2	See: DN7470000
*18122-51-5	See: VC8609000
18126-05-1	See: DT3720000
18126-83-5	See: CD9380000
18128-37-5	See: HO3156200
18128-39-7	See: HO3156800
18128-41-1	See: HO3157100
18128-43-3	See: HO3156300
18128-57-9	See: HO3156100
18128-62-6	See: HO3157900
18128-65-9	See: HO3156000
*18129-31-2	See: BO4160000
*18129-32-3	See: BB6430000
*18129-33-4	See: BO4720000
18137-09-2	See: JO6470000
18143-30-1	See: KJ2621000
*18144-21-3	See: UM3765000
*18144-22-4	See: UM0265000
*18144-24-6	See: UM3860000
*18144-26-8	See: UM2406000
*18144-27-9	See: UM2500000
*18144-28-0	See: DD8255000
18144-35-9	See: BS5775000
*18144-50-8	See: GN8267000
*18144-51-9	See: GN8262400
*18144-52-0	See: GN8253000
*18144-53-1	See: GN8262600
*18144-54-2	See: GN8253500
*18144-55-3	See: GN4932800
*18144-56-4	See: GN4932000
*18144-57-5	See: GN4931750
*18144-58-6	See: GN4932900
*18144-59-7	See: GN4932100
*18144-60-0	See: MW5777000
18144-64-4	See: SY9330000
*18156-74-6	See: NI8700000
18158-68-4	See: BX9400000
18160-14-0	See: CQ2386000
18162-48-6	See: VV2000000
*18168-40-6	See: SL1942400
*18172-33-3	See: UY8587000
*18172-50-4	See: YY8180500
*18174-58-8	See: JI4580000
18176-31-3	See: NM2081000
*18178-04-6	See: HS9296000
*18179-67-4	See: WP0600000
18180-85-3	See: HO3156600
18180-86-4	See: HO3156500
18180-87-5	See: HO3157600
18180-89-7	See: HO3156900
18180-90-0	See: HO3157700
18180-91-1	See: HO3156400
18180-92-2	See: HO3158000
18181-00-5	See: HO3157500
18181-01-6	See: HO3157000
18181-08-3	See: AY5992000
*18181-70-9	See: TF0175000
*18181-80-1	See: DD2100000
18183-53-4	See: TB3966000
*18186-67-9	See: GN8268000
*18186-69-1	See: MW5778000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
18186-71-5	See: BQ2800000
18187-14-9	See: UI5210000
*18188-17-5	See: FC3400000
18188-68-6	See: AC5962000
18188-69-7	See: AB8520000
18188-70-0	See: AB7243450
18188-71-1	See: AB5965200
18188-72-2	See: AB4427000
18188-78-8	See: AC6950000
18188-79-9	See: QD6484000
18188-80-2	See: AB7233800
18188-82-4	See: QD6481000
18188-83-5	See: TM3508150
18188-86-8	See: AY7525700
18188-87-9	See: GU3825500
18188-88-0	See: CV5645000
18188-89-1	See: TI5635650
18189-47-4	See: GU4040000
18189-48-5	See: GU4045000
18189-49-6	See: GU4610000
18189-50-9	See: GU4612000
18189-51-0	See: GU4058000
18189-55-4	See: AC6478000
18198-06-6	See: HO3156700
18213-76-8	See: UR0825000
18221-53-9	See: WJ5905500
18228-57-4	See: GU0620000
*18234-46-3	See: GY5825000
18236-34-5	See: KJ2597000
18237-15-5	See: NL4710000
18237-16-6	See: NL3870000
18237-80-4	See: UZ0825000
*18252-65-8	See: TP2246600
*18252-66-9	See: TP2246800
*18260-92-9	See: UV6329550
18262-71-0	See: BV4600000
*18264-88-5	See: AB7600000
18266-65-4	See: NK8393000
*18268-70-7	See: MO7710000
18277-77-5	See: BQ8127000
18277-83-3	See: BQ8124000
*18278-41-6	See: TE1450000
18278-43-8	See: FC7210000
*18278-44-9	See: TA7600000
18279-19-1	See: TP4500000
18279-20-4	See: OG0750000
18279-21-5	See: OG0580000
18282-51-4	See: DO8318020
18283-48-2	See: BQ8125000
18283-49-3	See: BQ8121000
18285-58-0	See: HO3157300
18288-84-1	See: HO3157800
18290-84-1	See: VV9625000
*18292-97-2	See: XU0172000
*18296-44-1	See: EK7902000
*18300-07-7	See: TA7210000
*18300-10-2	See: TA7200000
18300-41-9	See: MO4000000
18300-60-2	See: HO0570000
18300-61-3	See: HO0550000
18305-29-8	See: UG4175000
*18309-32-5	See: TK5075000
18310-19-5	See: GV0750000
18312-12-4	See: CL5494700
18312-38-4	See: FD0407500
*18312-66-8	See: AY7600000
*18313-91-2	See: TB0620000
18323-44-9	See: RH6300000
*18326-32-4	See: UC0390000
18338-40-4	See: EK6700000
18341-14-5	See: CV6125200
18341-31-6	See: AC6341000
18345-18-1	See: VT3290000
18349-96-7	See: UB5425000
18354-25-1	See: DG5643500
18354-26-2	See: DG5643490
18354-27-3	See: DG8598000
18355-45-8	See: VC3534950
18355-50-5	See: VC3534850
18355-52-7	See: VC3534920
18361-46-1	See: OH4725760
18361-47-2	See: OH4730750
18361-48-3	See: OH4725500
18361-49-4	See: OH4725700
18361-50-7	See: OH4730000
*18365-42-9	See: GD6489990
18365-74-7	See: JO5590000
18369-83-0	See: LQ7000000
18370-87-1	See: KQ0700000
*18371-74-9	See: UA9050000
*18371-82-9	See: UB9355200
18374-06-6	See: DE8025600
18378-06-8	See: DF8031700
18378-12-6	See: DF8025000
18378-13-7	See: DF8002450
*18378-89-7	See: PZ7800000
*18385-84-7	See: DJ2549000
18392-94-4	See: DT3405000
18392-96-6	See: DT3435000
18406-03-6	See: UI0930000
*18413-14-4	See: MV3620000
18413-31-5	See: TL3524000
18413-32-6	See: TL3528000
18417-89-5	See: UY9355000
18419-91-5	See: KR9900000
*18429-50-0	See: VO4050000
*18429-70-4	See: CW2625000
*18429-71-5	See: CX3675000
*18429-73-7	See: NI6710000
*18429-74-8	See: DI0750000
*18429-75-9	See: DG5065000
*18429-76-0	See: XU2030000
18429-98-6	See: DH9910000
18429-99-7	See: DH9930000
18430-30-3	See: WU7680000
18430-43-8	See: VC3534800
*18431-36-2	See: OV7424000
18432-30-9	See: LI7140000
18432-95-6	See: TP2497240
*18438-38-5	See: UT6207000
18441-99-1	See: PB5300000
*18444-66-1	See: RC6305500
18453-16-2	See: CV5430000
18453-18-4	See: CV5437300
18453-36-6	See: NW7629000
*18454-12-1	See: OF9800000
18454-96-1	See: WU7688000
18455-28-2	See: KF7350000
18461-55-7	See: GP0175000
*18463-85-9	See: DL3850000
*18463-86-0	See: DD8575000
*18464-39-6	See: DM3300000
18464-53-4	See: AB7910000
18464-55-6	See: AB7300000
*18466-11-0	See: TA7480000
18470-21-8	See: SZ0175500
18470-76-3	See: WN1080000
18471-21-1	See: RP6770000
18471-22-2	See: RP6795000
18471-30-2	See: YT3640000
18471-31-3	See: YT6470000
18471-33-5	See: YS7675000
18471-34-6	See: YU1670000
18472-18-9	See: UQ4726000
18472-19-0	See: UQ4693000
18472-20-3	See: UQ4713000
18472-22-5	See: UQ4686000
18472-24-7	See: UQ4703000
18472-51-0	See: DU1950000
*18472-87-2	See: LM5900000
*18472-89-4	See: DJ1927000
*18479-58-8	See: RH3420000
18483-57-3	See: KR6060000
18484-32-7	See: WM9614000
*18485-61-5	See: SA5900000
18487-05-3	See: KQ9160000
18487-06-4	See: KR3390000
18494-67-2	See: QE4800000
18503-71-4	See: RG0182500
18504-27-3	See: NI3520000
18507-23-8	See: CV5430020
18514-28-8	See: QE7260000
18514-30-2	See: QE6200000
18514-31-3	See: TN1970000
18514-32-4	See: QE6220000
*18514-76-6	See: VD3518000
18518-64-4	See: NM2465000
18518-71-3	See: GA8620000
18519-35-2	See: VC3968790
18519-37-4	See: VC3968780
18519-40-9	See: VC3968730
18519-41-0	See: VC3968710
18519-47-6	See: VC3534000
18519-49-8	See: VC3532000
18519-50-1	See: VC3534500
18519-58-9	See: VC3961850
18519-60-3	See: VC3968670
18519-63-6	See: VC3968540
18519-65-8	See: VC3968700
18519-67-0	See: VC3968702
18519-69-2	See: VC3968701
18519-74-9	See: VC3968740
18520-35-9	See: VC3961840
18520-36-0	See: VC3676801
18520-38-2	See: VC3540410
18520-43-9	See: VC3676500
18520-44-0	See: VC3968552
18520-45-1	See: VC3540500
*18520-46-2	See: VC3968400
18520-72-4	See: US2150000
*18523-69-8	See: AI6500000
18524-67-9	See: QG8572000
18525-25-2	See: NM2560000
18527-35-0	See: XF7471000
18527-61-2	See: NL4713000
18527-65-6	See: US1838000
18527-66-7	See: SJ6700000
18527-73-6	See: DN8226000
18527-76-9	See: UX1100000
18527-78-1	See: US1819000
18527-85-0	See: NL4712000
18532-87-1	See: VM2651100
*18538-45-9	See: DD6455000
*18539-34-9	See: KR6065000
*18540-29-9	See: GB6262000
18542-14-8	See: UA7275000
18542-45-5	See: QK0377500
*18545-48-7	See: TD4150000
18552-74-4	See: MF4010000
*18555-27-6	See: LZ4295840
18556-44-0	See: OK6126000
*18559-59-6	See: NX0500000
*18559-60-9	See: NX0500010
*18559-63-2	See: NX0500020
*18559-92-7	See: DL4025000
*18559-94-9	See: ZE4400000
*18559-95-0	See: AL1600000
18583-88-5	See: XU1630000
18584-27-5	See: AB5836000
18588-49-3	See: UV8199000
18588-50-6	See: UV8198000
18588-57-3	See: UV8150000
18591-81-6	See: UR6066000
*18593-20-9	See: SZ4400100
18595-03-4	See: XU1589000
18596-46-8	See: TA3400000
*18596-51-5	See: TA5680000
*18596-67-3	See: TA5690000
18598-63-5	See: HA2460000
18600-42-5	See: DP6705000
18600-50-5	See: BY5750000
18608-78-1	See: KQ9190000
18617-51-1	See: QT1430000
18617-52-2	See: QS4000000
18619-72-2	See: VA3116500
18632-75-2	See: SM5950000
18638-90-9	See: FE6312100
*18644-16-1	See: TY7750000
18648-22-1	See: DL9670000
*18650-52-7	See: YM4260000
18652-18-1	See: YM5608000
18656-06-9	See: TM7236000
18656-21-8	See: LZ4340000
18656-23-0	See: MF3700000
18656-24-1	See: MF3725000
18656-25-2	See: AB8138000
18656-26-3	See: AC6135000
18659-39-7	See: BR0830000
18659-44-4	See: BR5795000
*18659-45-5	See: FB9910000
*18662-53-8	See: AJ1070000
*18664-26-1	See: YS9295000
18672-13-4	See: DM3301000
18672-14-5	See: DM3500000
18672-15-6	See: DM3844200
18672-16-7	See: DM3676200
*18679-90-8	See: ES9570000
*18683-91-5	See: GV8423000
*18684-55-4	See: TP8731000
18684-94-1	See: KN6793000
18687-46-2	See: TB9629000
18691-97-9	See: YM8980000
*18694-40-1	See: UV9290000
*18699-38-2	See: TI0890000
*18699-41-7	See: NT2470000
*18699-48-4	See: WZ1223600
*18699-50-8	See: WZ1222000
*18700-78-2	See: CB8935000
18703-83-8	See: UH0538000
18703-85-0	See: UH0538200
18703-87-2	See: UG9490000
18703-90-7	See: UH0537400
18703-93-0	See: UH4388300
18703-94-1	See: UH4423500
18703-97-4	See: UH4386900
18705-19-6	See: AR9483600
18705-20-9	See: AR9483700
18705-21-0	See: AR9483800
*18705-22-1	See: TA0400000
18709-30-3	See: KJ7575000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*18714-34-6	See: VC1750000
18717-72-1	See: RD0400000
18719-22-7	See: TL1900000
18722-71-9	See: TA1590000
18722-72-0	See: SZ6574000
18722-80-0	See: TE3100000
*18728-32-0	See: OW5070000
*18729-37-8	See: QT1870000
*18729-79-8	See: TA74C0000
18741-24-7	See: VA3270000
18746-82-2	See: RN8931000
18748-42-0	See: AS1150000
*18749-84-3	See: WZ1223000
18756-72-4	See: EZ6650000
18760-80-0	See: DO5100000
18771-85-2	See: DF8029900
18773-63-2	See: DV2040000
*18774-63-5	See: AB7850000
*18774-85-1	See: YT4760000
18787-40-1	See: UH4395000
18787-63-8	See: MM0300000
18791-21-4	See: UV1130000
18801-39-3	See: KR6119400
18801-44-0	See: KR7390000
18810-04-3	See: OL5560000
18810-25-8	See: RI3670000
*18810-58-7	See: CQ8510000
*18810-58-7	See: CQ8500000
18818-33-2	See: YL8850000
18819-25-5	See: GU3560900
18833-49-3	See: GU3560400
18833-50-6	See: GU3560500
18833-57-3	See: GU3510700
18833-61-9	See: GU3511600
18833-62-0	See: GU3511900
18833-63-1	See: GU3511920
18833-64-2	See: GU3511400
18833-65-3	See: GU3511950
18833-66-4	See: GU3511810
18833-67-5	See: GU3511700
18833-68-6	See: GU3510400
18833-69-7	See: GU3510100
18833-70-0	See: GU3511300
18833-71-1	See: GU3510200
18833-74-4	See: GU3511650
18833-75-5	See: GU3511970
18833-76-6	See: GU3511100
18833-77-7	See: GU3511200
18837-80-4	See: YU7430000
18843-27-1	See: TU5021000
*18854-01-8	See: TF5600000
*18857-59-5	See: MU2480000
18864-10-3	See: DP1408000
18867-06-6	See: VV5705000
*18868-43-4	See: QA4688000
*18868-66-1	See: CW5860000
*18869-73-3	See: NM3250000
*18874-17-4	See: SZ6100800
*18877-89-9	See: GZ2085000
18878-40-5	See: UU3870000
18879-86-2	See: EZ3495000
*18881-57-7	See: EZ6840000
*18882-77-4	See: RP3475000
*18883-66-4	See: LZ5775000
18886-42-5	See: UY1329090
18894-69-4	See: KR7370000
18903-08-7	See: TL6790000
18903-09-8	See: TL3870000
18903-10-1	See: TL3860000
18904-54-6	See: VS3675000
18905-29-8	See: MF8575000
18907-50-1	See: TK7916000
18907-59-0	See: TK7912000
18907-62-5	See: TL1512000
18907-66-9	See: TL1516000
18907-67-0	See: TM2550000
18907-69-2	See: TK7914000
*18912-80-6	See: KL4025000
18917-82-3	See: OD5650000
*18921-68-1	See: MA1247500
18924-91-9	See: XZ2625000
*18928-76-2	See: KM2920000
*18936-17-9	See: EU0530000
*18936-52-2	See: TF6899500
*18936-66-8	See: TB1717500
*18936-75-9	See: CU3010000
*18936-78-2	See: CU3325000
18937-25-2	See: GU3511990
18939-69-0	See: UM0875000
18940-57-3	See: TL3499000
18940-58-4	See: TL4390000
18940-59-5	See: TL4400000
18940-63-1	See: TL0640000
18940-64-2	See: TL1508000
*18943-30-1	See: VV8700000
*18952-79-9	See: FC6210000
18953-21-4	See: CB2560000
*18953-50-9	See: BO4565020
18957-54-5	See: UW1575000
18957-89-6	See: TP2497500
18966-32-0	See: CV2449080
18966-37-5	See: ES4857700
18967-32-3	See: NX8479000
18967-42-5	See: NX8485000
18967-44-7	See: NX8460000
*18968-99-5	See: RY1105000
*18972-56-0	See: VV8575000
*18976-74-4	See: DB7000000
18977-95-2	See: LZ5776000
18979-65-2	See: VH1500000
*18980-21-7	See: SJ8300000
*18982-98-4	See: WM4751000
18984-77-5	See: MW6025000
18984-80-0	See: MW6660000
*18987-38-7	See: VT1750000
18992-13-7	See: UG4025000
18995-90-9	See: FE2520000
*18996-35-5	See: GE7950000
*18997-62-1	See: BX8750000
18997-68-7	See: EZ8675000
18997-69-8	See: EZ8739000
18997-70-1	See: EZ4217000
18997-71-2	See: EZ8741000
18997-72-3	See: EZ8830000
18997-73-4	See: EZ3810000
18997-74-5	See: EY9820000
18997-75-6	See: EZ8740000
18999-28-5	See: MJ9650000
19005-95-9	See: OB6320000
19006-59-8	See: YU4570000
19007-20-6	See: NW6670000
19007-31-9	See: NW6610000
19007-32-0	See: NW6560000
19007-33-1	See: NW6570000
*19009-56-4	See: HD6320000
*19010-66-3	See: OF8850000
19011-60-0	See: CQ7242000
19011-62-2	See: CQ7495000
19011-66-6	See: CQ4194000
19018-24-7	See: KJ7527500
19022-35-6	See: OD5640000
19022-71-0	See: EZ4218000
19022-72-1	See: EZ4232500
19022-73-2	See: EZ4220000
19025-95-7	See: EB3500000
19026-84-7	See: CU8703450
19032-53-2	See: VR5075000
*19035-84-8	See: TJ7680000
19038-39-2	See: CM4551000
19041-02-2	See: TX6000000
*19042-19-4	See: OD5730000
*19044-88-3	See: WO9350000
*19049-40-2	See: DS2900000
19053-95-3	See: UT4105000
19055-93-7	See: HM4091000
19055-99-3	See: VC3540400
19056-01-0	See: VC3540900
19056-04-3	See: VC3540600
19056-06-5	See: VC3961830
19056-07-6	See: VC3676800
19056-08-7	See: VC3968660
19056-21-4	See: UU6886000
*19057-61-5	See: RW2000000
19057-91-1	See: XQ1640000
*19060-08-3	See: AS1700000
19060-32-3	See: VC3961500
19060-33-4	See: VC3675800
19060-34-5	See: VC3968620
19060-42-5	See: UU6340100
*19066-35-4	See: HM0330000
19072-57-2	See: TN4900000
19072-93-6	See: AB2750000
*19074-24-9	See: JR2395000
19075-26-4	See: BP2625000
19075-27-5	See: BP2800000
19075-28-6	See: BP4200000
19077-60-2	See: ON5300000
19083-80-8	See: UU6925300
19083-85-3	See: UU6925600
19083-87-5	See: UU6925200
19089-24-8	See: UY0360000
19089-47-5	See: UB4900000
*19089-92-0	See: GQ4222000
*19094-52-1	See: CB2456000
19095-67-1	See: EM4904000
19095-68-2	See: EM9460000
*19095-88-6	See: UF0350000
19098-08-9	See: MF6475000
19105-42-1	See: VC1950000
19105-63-6	See: HM2625000
19109-66-1	See: BT1925000
19120-62-8	See: YW1115000
*19121-26-7	See: LZ4325000
19121-58-5	See: WF1450000
19131-74-9	See: JH1925071
19131-75-0	See: JH1925070
*19133-14-3	See: TE4600000
*19133-16-5	See: TE4170000
19133-28-9	See: TB0250000
19133-99-4	See: NL5160000
19134-01-1	See: NL5120000
19134-02-2	See: NL5140000
19134-06-6	See: NM0900000
19134-08-8	See: NL7855000
19134-10-2	See: NL7856000
19134-31-7	See: NL6070000
19134-34-0	See: NM3202500
19137-61-2	See: NM0890000
19137-65-6	See: NM1110000
19137-66-7	See: NL7840000
19137-69-0	See: NM0910000
19137-72-5	See: NM0920000
19137-74-7	See: NL8780000
19137-79-2	See: NL7795000
19137-80-5	See: NM1890000
19137-84-9	See: NL6030000
19137-86-1	See: NL5180000
19137-90-7	See: NL8785000
19137-92-9	See: NL7845000
19137-94-1	See: NL9700000
19137-96-3	See: NL5100000
19138-33-1	See: XI2282200
19138-34-2	See: XI2282100
*19139-31-2	See: LT1455000
19142-72-4	See: UU6925040
19142-95-1	See: KJ2051000
19142-97-3	See: KJ0441680
19142-99-5	See: KJ0441120
19143-00-1	See: KJ0439640
19143-01-2	See: KJ2592800
19143-02-3	See: KJ2629300
19143-03-4	See: KJ2592600
19143-04-5	See: KJ2059000
19143-06-7	See: BS3821200
19143-07-8	See: BS3820200
19143-08-9	See: BS3820100
19143-09-0	See: BS3820000
*19143-28-3	See: MA2910000
19146-62-4	See: UZ9700000
19147-00-3	See: UU6340060
19147-01-4	See: UU4023600
19155-35-2	See: WP9625000
*19156-50-4	See: XM8475000
19168-23-1	See: BP5390000
19174-30-2	See: UE4550000
19180-28-0	See: UV9336000
*19186-33-5	See: GY4250000
19186-86-8	See: GD7480000
*19188-18-2	See: VT0800000
19188-83-1	See: EW4170000
19189-62-9	See: LZ4959650
19193-92-1	See: XZ2020000
19196-09-9	See: MF2800000
19201-32-2	See: KV1780000
*19202-92-7	See: BD9640000
19210-06-1	See: TE4800000
19213-12-8	See: UC2000000
*19213-30-0	See: NM0960000
19216-56-9	See: VA1300000
19216-75-2	See: BQ2775000
*19218-16-7	See: TX2900000
19219-99-9	See: DM4790000
19224-27-2	See: EK1325000
19227-13-5	See: XS4870000
*19236-78-3	See: BV8089790
19237-18-4	See: LZ5778500
*19237-84-4	See: VA1350000
19239-48-6	See: TB9300000
19239-52-2	See: TA0500000
19241-36-2	See: NX8476000
19245-07-9	See: TK7895000
*19246-22-1	See: MA4800000
*19247-68-8	See: SS9750000
19250-02-3	See: YS1925000
19250-03-4	See: YS1930000
*19251-71-9	See: QT2998500
19259-11-1	See: XN0900000
19261-07-5	See: OD4750000
19281-37-9	See: GU3830000
19285-67-7	See: SZ7590000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*19287-45-7	See: HQ9275000
*19288-59-6	See: OZ3400000
19293-56-2	See: EK5650000
*19293-83-5	See: UU4020900
*19293-84-6	See: UU7430000
*19293-85-7	See: UU6953000
*19293-86-8	See: UU6855700
19303-11-8	See: AE8300000
19303-60-7	See: DF7716000
19305-07-8	See: UU5281000
19311-91-2	See: VN7320000
*19315-64-1	See: AK8380000
19322-22-6	See: XX9440000
*19326-29-5	See: XH5097600
19335-09-2	See: UG3000000
19335-11-6	See: NK7711000
19336-77-7	See: TH7250000
19337-66-7	See: DE9500000
19337-81-6	See: UH0410000
19339-62-9	See: XL1600000
19341-49-2	See: SZ8557000
19341-54-9	See: MF2450000
*19351-18-9	See: XJ5565700
19351-20-3	See: CV4345500
19351-21-4	See: CV4348000
19351-36-1	See: KM2150000
19351-37-2	See: KM3385000
19351-38-3	See: KM3385020
19351-39-4	See: KL6566500
19351-42-9	See: UB9300500
19351-44-1	See: UB9570000
19351-45-2	See: FB2625000
19351-46-3	See: UB7882020
*19356-22-0	See: SE0580000
*19361-41-2	See: AB9000000
19366-15-5	See: WL4175000
19367-79-4	See: OW4300000
*19368-18-4	See: TH8490000
19369-07-4	See: NL8760000
19372-98-6	See: NX4876500
19376-15-9	See: AI9552500
19381-50-1	See: LJ8930000
*19383-97-2	See: CX2975000
*19387-59-8	See: XJ5813900
*19387-91-8	See: NI6255000
19393-45-4	See: ON0525000
*19395-58-5	See: VA3150000
*19395-78-9	See: VA3190000
*19396-03-3	See: CM4310640
*19396-06-6	See: BA2927000
19398-47-1	See: EL1515000
19401-26-4	See: EB2982000
19406-51-0	See: XU6080000
*19408-46-9	See: NM7521800
19408-49-2	See: AS3800000
*19408-74-3	See: HP3310000
19410-01-6	See: DE8025650
19410-02-7	See: DE8025800
19410-15-2	See: DE8025750
19410-17-4	See: XJ7050170
19412-49-8	See: PB4601000
19412-52-3	See: AD0900000
19412-63-6	See: AD0777000
*19416-48-9	See: OZ5240000
*19420-41-8	See: DM5276550
*19420-42-9	See: DM5271530
19422-08-3	See: XJ7050165
19422-09-4	See: DL7042680
19422-10-7	See: XJ7050175
19422-11-8	See: XJ0900000
19422-12-9	See: BQ1155000
19422-13-0	See: XJ7050320
19422-14-1	See: XJ7050260
19424-20-5	See: US7961000
19436-42-1	See: MV1750000
*19441-09-9	See: GA9160000
19447-71-3	See: BR1150000
19456-19-0	See: GV0250000
*19456-73-6	See: UT2275000
*19456-74-7	See: TJ6300000
*19456-75-8	See: UT2450000
*19456-77-0	See: OL0525000
19457-00-2	See: CV4200000
19457-36-4	See: CR4140000
19457-37-5	See: CR4025000
*19461-93-9	See: XJ7011000
*19464-55-2	See: WH6300000
*19471-27-3	See: OL0175000
*19471-28-4	See: TJ6475000
*19473-49-5	See: MA1430000
*19475-26-4	See: AS6920000
*19476-81-4	See: AY5078000
19476-83-6	See: JH1925190
19476-84-7	See: JH1925191
19476-86-9	See: JH1925091
19476-87-0	See: JH1970000
19476-88-1	See: JH1970100
19476-89-2	See: JH1925130
19476-90-5	See: JH1925131
19477-24-8	See: FZ7605000
19480-39-8	See: AF9552000
*19481-39-1	See: WR7900200
19481-40-4	See: WR7900500
*19485-03-1	See: AS5250000
19485-08-6	See: VB1925000
19485-86-0	See: QM2900000
19491-70-4	See: GQ4550000
19493-75-5	See: WR8580000
19494-88-3	See: UT4025000
19504-77-9	See: UY5777000
19514-90-0	See: AD8800000
19525-20-3	See: DE0875000
*19526-81-9	See: QK2100000
*19542-40-6	See: TW3577000
*19542-80-4	See: VI9080000
19546-20-4	See: TX4025000
19548-71-1	See: TU4435000
19552-67-1	See: BP2450000
19553-02-7	See: TL1490000
19554-85-9	See: UZ0828000
19559-24-1	See: KX1700000
19561-70-7	See: QX8530000
*19562-30-2	See: UV1153900
19574-04-0	See: XI2282300
*19578-92-8	See: UB2800000
19579-40-9	See: DU1130000
*19579-44-3	See: DU1780100
*19579-46-5	See: DU1826500
19585-93-4	See: SD4440000
19594-33-3	See: TD6825000
19594-34-4	See: TD7000000
19594-35-5	See: TD7175000
19594-37-7	See: OO1325000
19594-38-8	See: MA3755000
19594-39-9	See: MA3757500
*19595-66-5	See: UT2625000
*19597-07-0	See: UY5750000
19598-90-4	See: LW4725000
*19614-29-0	See: CM8230000
19615-96-4	See: ES6680000
19615-97-5	See: YV6167000
19616-00-3	See: NM2462000
*19616-02-5	See: NS1150000
19617-33-5	See: BO8260000
19617-34-6	See: BO8360000
19617-35-7	See: BO8380000
19617-36-8	See: BO8315000
19617-37-9	See: BO8290000
19617-38-0	See: BO8250000
19617-39-1	See: BO8300000
19617-40-4	See: BO8310000
19617-41-5	See: BO8340000
19619-57-9	See: XY6900000
19619-58-0	See: XY6910000
*19622-19-6	See: EZ8870000
19623-05-3	See: AK8170000
*19623-16-6	See: UW6170000
*19623-19-9	See: MF3620600
*19623-20-2	See: MF3620650
*19623-21-3	See: MF3620550
*19623-22-4	See: DH2186000
*19623-23-5	See: VA1430000
*19624-22-7	See: RY8925000
19625-12-8	See: HQ4027000
19628-28-5	See: NM2577000
19628-29-6	See: NM2455000
*19645-42-2	See: TG2300000
19647-07-5	See: AD8900000
19653-53-3	See: VD5920000
19653-55-5	See: VD5870000
19653-57-7	See: VD5880000
19654-26-3	See: BR9350000
*19655-27-7	See: AB7068500
*19655-31-3	See: AB4838500
*19655-33-5	See: QD6480800
*19655-35-7	See: QD6475100
*19655-37-9	See: TM3508110
*19655-39-1	See: TM3505090
*19655-40-4	See: AB8450000
*19655-45-9	See: AB4838700
*19659-41-7	See: YP1925000
19660-16-3	See: AS7525000
19660-95-8	See: HO9250000
19661-02-0	See: HP1145000
19665-71-5	See: DF6423300
19666-30-9	See: RO0874000
19668-15-6	See: EU2800000
19668-24-7	See: VB2230000
*19671-80-8	See: CF6880000
19671-83-1	See: DF6844500
19672-12-9	See: DF6730000
*19683-83-1	See: YV9397200
19683-98-8	See: RP3680500
*19685-09-7	See: UQ0491700
19685-58-6	See: UC7012000
19686-05-6	See: UV0555000
19686-73-8	See: UA7388000
19688-04-1	See: NY2365000
*19689-86-2	See: XS7967000
*19694-27-0	See: ZB1630000
*19700-58-4	See: YV9397300
*19704-60-0	See: WH6718000
*19706-58-2	See: XQ0525000
19710-01-1	See: BQ7750000
*19716-21-3	See: VB7175000
19716-83-7	See: MO6400000
19716-84-8	See: MJ1900000
19719-00-7	See: DG0879500
*19719-02-9	See: DG0885500
19719-03-0	See: DG0878000
19721-56-3	See: TJ8225000
*19721-74-5	See: WR4025000
19727-83-4	See: NM1950000
19728-87-1	See: TL4260000
19728-88-2	See: TL4325000
19728-89-3	See: TL4300000
19730-17-7	See: UQ7360000
19730-18-8	See: UQ7390000
19730-19-9	See: UQ7100000
19730-23-5	See: UQ6453000
19730-27-9	See: UQ6479000
19730-29-1	See: PB2670000
19730-30-4	See: UQ6220000
*19731-91-0	See: MW5158500
19733-78-9	See: GX1600000
19733-80-3	See: IA3550000
19733-82-5	See: TN2258000
19733-84-7	See: KM0890000
19733-85-8	See: QE8425000
19733-86-9	See: QE8435000
19733-87-0	See: QE8440000
19733-88-1	See: QE6350000
19742-51-9	See: CM0242000
19748-68-6	See: VD5900000
*19750-95-9	See: LQ4550000
19755-06-7	See: NI5730000
19755-97-6	See: CM0230000
19760-15-7	See: TJ7696000
*19764-19-3	See: ZB2500000
19765-06-1	See: NI6320000
19765-08-3	See: NI4500000
19765-09-4	See: NI5700000
*19766-29-1	See: UT8402000
*19767-45-4	See: KI7968000
19768-70-8	See: NJ5445000
19768-73-1	See: XS3620000
19768-74-2	See: XS3400000
19768-75-3	See: XT6350000
19768-76-4	See: XT3600000
19774-65-3	See: WL2100500
19774-69-7	See: NJ8331000
*19780-25-7	See: GQ0350000
*19780-35-9	See: ET0875000
19781-62-5	See: GV9050000
*19789-69-6	See: VB8575000
19794-93-5	See: XZ5650000
*19797-08-1	See: CM3905000
19803-62-4	See: TL3523000
19803-65-7	See: TL3522000
19803-66-8	See: TL3526000
19803-67-9	See: TL3521000
19803-69-1	See: TL3529000
*19803-79-3	See: TM6115000
*19803-80-6	See: TM6114000
19803-81-7	See: QD9820000
19803-82-8	See: TL1286800
19806-17-8	See: AJ2780000
19810-74-3	See: UW6925000
19819-36-4	See: LT8530500
19819-37-5	See: LT7269G00
19819-41-1	See: LT8530700
19819-47-7	See: LT8530800
19819-92-2	See: DC7504400
19824-90-9	See: TL8000000
19824-91-0	See: HM3810000
19824-92-1	See: HM3805000
19824-98-7	See: UU8544000
19825-16-?	See: UU7890000
19826-87-0	See: TY7762000
*19829-29-9	See: UT9610000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*19831-37-9	See: TN2251000
*19831-39-1	See: TN0397500
*19831-41-5	See: TN2147000
*19831-42-6	See: TM7976000
19832-26-9	See: CM4313300
19832-27-0	See: SL1942000
19832-28-1	See: CM4324000
19832-31-6	See: CM4315000
19832-32-7	See: CM4345000
19832-37-2	See: SL4500000
19832-38-3	See: CM4339000
19832-42-9	See: CM4330000
19832-48-5	See: CM4342000
19832-50-9	See: CM4309000
19832-52-1	See: CM4321000
19832-53-2	See: SM1135000
19833-47-7	See: UQ3630000
*19834-02-7	See: GX1800000
19835-42-8	See: AU4780000
19835-43-9	See: AU4500000
*19836-78-3	See: RQ3550000
19841-73-7	See: TM7830000
19846-21-0	See: CZ1939000
*19855-39-1	See: FH5083000
*19855-40-4	See: FH5085000
19856-35-0	See: AV0960000
19856-64-5	See: QF1600000
19856-69-0	See: QE1330000
19856-72-5	See: QE5190000
19856-73-6	See: QE4090000
19856-74-7	See: QE4093000
19858-14-1	See: KN9275000
19861-59-7	See: CZ1956000
*19864-71-2	See: HO2275000
19869-65-9	See: VD5860000
*19875-60-6	See: YS9325000
19876-05-2	See: YR7878000
*19879-06-2	See: MD9100000
*19882-03-2	See: MD6959000
19885-51-9	See: KB4600000
19885-52-0	See: KB4620000
*19888-56-3	See: TU4157052
*19889-01-1	See: LY4305000
*19889-50-0	See: AD9660000
*19889-60-2	See: AE4290000
*19895-66-0	See: OP2450000
19902-16-0	See: NX5051000
*19909-38-7	See: TL0255000
*19910-65-7	See: SD9675030
*19910-65-7	See: SD9675000
*19926-22-8	See: CW1600000
19932-84-4	See: DM5252000
19932-85-5	See: DM4960000
19933-92-7	See: DP1731000
*19935-86-5	See: FC9350000
*19937-59-8	See: YS5775000
19939-33-4	See: TL4240000
19942-78-0	See: XL1650000
19951-51-0	See: WU7677500
19952-47-7	See: DL1225000
19961-61-6	See: FD9030000
19961-91-2	See: FD9077000
19961-92-3	See: FD9060000
19961-99-0	See: FD9021000
19962-05-1	See: FD9078000
19969-36-9	See: TM7950000
19971-75-6	See: XH4985000
19971-76-7	See: XH5040000
19971-80-3	See: XH5070000
19971-87-0	See: XH4980000
19971-93-8	See: TL6961000
19971-94-9	See: TL6940000
19971-95-0	See: TL6957000
*19971-97-2	See: XH5900000
19971-99-4	See: TL9291000
19972-00-0	See: TL9286000
19972-01-1	See: TL6955000
*19972-07-7	See: TL9289000
19972-09-9	See: TK8250000
19972-87-3	See: FD8990000
19972-88-4	See: FD8975000
19974-69-7	See: TM4375000
19976-95-5	See: TL9280000
19977-07-2	See: TL6970000
19977-09-4	See: TL6950000
19977-10-7	See: TL6976000
19977-11-8	See: TL6973000
19977-12-9	See: TL9283000
19977-14-1	See: TL1343000
19977-15-2	See: TL6945000
19977-18-5	See: TL9293000
19982-87-7	See: DJ1400000
*19984-46-4	See: TK7918070
19984-51-1	See: QD7195000
19984-72-6	See: UV9160000
19985-14-9	See: YT3630000
19985-19-4	See: YS7679000
19985-20-7	See: YS7678000
19985-21-8	See: YT8770000
19985-22-9	See: YS1830000
19985-24-1	See: YS1835000
19985-25-2	See: YT6454000
19985-26-3	See: YS1825000
19985-27-4	See: YT2080000
19985-28-5	See: YS1838000
19986-35-7	See: DM5255000
*19992-69-9	See: XY2275000
*19996-03-3	See: CA9575000
19996-76-0	See: YT6100000
19996-87-3	See: YU1385000
19996-88-4	See: FE1180000
19996-91-9	See: YT7800000
19996-92-0	See: FE1170000
19996-95-3	See: FD9900000
19999-63-4	See: TN5950020
20001-36-9	See: LU0280000
*20004-62-0	See: DJ6350000
20013-22-3	See: HA4550000
20013-81-4	See: UA7250400
20013-82-5	See: UA7250200
20013-84-7	See: UA7190000
20013-86-9	See: UB7578000
20013-88-1	See: UB7577000
20013-90-5	See: UB7585000
20013-92-7	See: UB7582000
20013-94-9	See: UB7583000
20013-95-0	See: UB7581000
20013-99-4	See: UB7584000
20014-01-1	See: UB7579000
20014-03-3	See: UA9460000
20014-04-4	See: UA8445000
20014-08-8	See: UB7554000
20014-10-2	See: UB7557000
20014-12-4	See: UB5700000
20014-14-6	See: UB0100000
*20024-63-9	See: CM4553000
20041-30-9	See: UB7440000
20041-33-2	See: UA8510000
20041-35-4	See: UA8700000
20041-38-7	See: UB7485000
20041-39-8	See: UA4800000
20041-40-1	See: AM8797000
20041-45-6	See: UB7570000
20041-47-8	See: UB7430000
20041-49-0	See: UA7382000
20041-51-4	See: UB7530000
20042-86-8	See: JO6825000
*20045-26-5	See: FH4920350
20048-27-5	See: GU4805000
20052-96-4	See: NI9525000
20056-92-2	See: JR5255000
20062-01-5	See: CM4306000
*20062-43-5	See: NS1900000
20063-35-9	See: NI9580000
20063-36-9	See: SK6200000
20063-37-0	See: SL5650000
20063-39-2	See: NI8937000
20064-00-0	See: AR9245000
20064-38-4	See: AR9246000
20064-98-6	See: DL7070000
20070-52-4	See: YS7677000
20070-54-6	See: YS3831000
20070-55-7	See: YS3826000
20070-57-9	See: YT8410000
20073-24-9	See: LV0920000
20073-80-7	See: WZ1575000
20074-79-7	See: SZ6480000
20091-89-8	See: FE2703000
20091-92-3	See: FE2635000
20091-93-4	See: FE2525000
20092-33-5	See: VC8614500
20092-34-6	See: VC8614510
20092-35-7	See: VC8614610
20092-36-8	See: VC8614600
20103-09-7	See: SS9150000
20110-25-2	See: SH1051000
20110-30-9	See: SH1300000
20115-64-4	See: TP2302000
20115-65-5	See: TP2303000
20119-47-5	See: ET4732000
20119-48-6	See: ET4733000
*20120-33-6	See: SZ8563000
*20121-11-3	See: JP0500000
20123-68-6	See: DN3230000
*20123-80-2	See: DB6127000
20133-19-1	See: TY5425000
20139-55-3	See: AK4599000
*20147-25-5	See: AH5600500
20147-55-1	See: DM6662000
20150-06-5	See: GD8520000
*20150-07-6	See: GD8550000
20152-18-5	See: UI4650000
20153-86-0	See: TL9295000
*20153-98-4	See: DI0250000
20157-12-4	See: MJ9710000
20165-96-2	See: QS4400000
20167-22-0	See: UM0575000
20167-49-1	See: MU3500000
20168-83-6	See: VB2808000
20168-84-7	See: TM8588500
*20168-99-4	See: NL3523000
20169-17-9	See: VB2809000
*20170-20-1	See: UE3865000
20181-61-7	See: AC6145000
20182-56-3	See: WJ6340000
*20187-55-7	See: AF5085000
20193-79-7	See: TA0990000
20196-21-8	See: XM3052000
20198-77-0	See: ON5175000
20204-43-7	See: UM7700000
*20206-80-8	See: SA8142800
*20207-84-5	See: LT8560500
20208-21-3	See: DD8800000
20223-84-1	See: OV8600000
*20224-45-7	See: CP9450300
20228-27-7	See: DG9872300
20229-12-3	See: TN4220100
20229-30-5	See: TL4310000
20231-05-4	See: NL3521900
*20231-45-2	See: RB6966000
20231-81-6	See: FH5093000
20233-04-9	See: XL2450000
20235-17-0	See: ME6380000
*20240-62-4	See: MV0900000
*20240-98-6	See: XY1350000
*20241-03-6	See: XY1300000
20241-05-8	See: XX9650000
20241-06-9	See: XY1440000
20241-07-0	See: DG9098000
20248-09-3	See: RL2425000
*20248-45-7	See: KJ4200000
20253-72-9	See: TE4570000
*20265-97-8	See: BZ6600000
*20268-52-4	See: CW0950000
20272-08-6	See: CQ3027700
*20273-42-1	See: AR9483200
*20275-19-8	See: TJ7570000
20283-69-6	See: QT4910000
*20284-79-1	See: MF3688000
20286-12-8	See: CM6650000
20286-18-4	See: CM6850000
20288-72-6	See: UU5670000
20290-28-2	See: AD0700000
20298-33-3	See: HO3157400
20300-26-9	See: DU3101000
20300-44-1	See: EI2959000
20302-39-0	See: CL5400000
20304-47-6	See: EV7235000
20304-49-8	See: FH4773000
20304-70-5	See: AR7345000
20308-43-4	See: CV5650000
20310-60-5	See: AU7480000
*20311-78-8	See: JY8750000
20315-07-5	See: SH7820000
20315-46-2	See: KE1590000
*20315-68-8	See: UV0725000
*20316-62-5	See: UD3375250
*20316-84-1	See: NZ8174000
20320-39-2	See: TH7125000
20320-44-9	See: DH6477500
20325-03-5	See: GV8800000
*20325-40-0	See: DD1050000
*20333-40-8	See: EQ0415000
20347-56-2	See: BR0490000
20347-69-7	See: VC3678400
20350-15-6	See: GY8410000
20351-28-4	See: DU2570000
20353-55-3	See: UY8640000
20353-59-7	See: UY8610000
20353-60-0	See: UY8620000
20353-70-2	See: UY8630000
20353-73-5	See: UY8600000
*20354-26-1	See: RO0835000
20357-20-4	See: CU4875000
20358-00-3	See: DL1400000
20358-01-4	See: DL1660000
20362-80-5	See: TC2370000
*20369-63-5	See: WH7526800
*20373-56-2	See: NR9800000
*20377-68-8	See: KG7747000

BEST COPY AVAILABLE

CAS No.	RTECS No.
20378-80-7	See: DF1940000
20380-95-4	See: UE4460000
20380-97-6	See: UE3550000
20380-98-7	See: UY8694000
20381-03-7	See: UE3875000
20381-07-1	See: UE3220000
20382-69-8	See: RB5960000
20382-70-1	See: RB5940000
20382-71-2	See: RB5990000
20382-74-5	See: RB5980000
20382-87-0	See: YM4375000
20382-89-2	See: YM6050000
*20388-87-8	See: SH9799000
20389-01-9	See: DK4725000
*20395-17-9	See: TB1060000
*20398-06-5	See: KM2940000
*20404-94-8	See: KO1750000
20404-97-1	See: AE5250000
*20405-19-0	See: AG2275000
*20408-97-3	See: LZ7500000
20408-98-4	See: GX1775000
*20410-87-1	See: BV4299600
20412-52-6	See: EN0760000
*20417-82-7	See: GY2510000
*20417-83-8	See: EL9150000
*20417-84-9	See: GY5120000
*20417-85-0	See: GW1800000
*20417-92-9	See: RB7780000
20422-16-6	See: CM3400000
20424-95-7	See: AH7000000
20427-58-1	See: ZH3853000
*20427-59-2	See: GL7600000
20430-59-5	See: HM4055000
20430-79-9	See: DF1955000
20430-81-3	See: DF1985000
20432-64-8	See: GY0363000
20436-28-6	See: YE1195000
20438-03-3	See: SF7941000
20438-93-1	See: MB8220000
*20443-98-5	See: XS7966000
20448-86-6	See: DT4750000
20460-30-4	See: OE2107000
20465-88-7	See: NL5450000
20465-89-8	See: NL4800000
20467-02-1	See: KR6708000
20467-03-2	See: EO6200000
20467-04-3	See: HR8405000
20467-05-4	See: TN4252000
20467-07-6	See: KR5000000
20467-09-8	See: HZ9220000
20467-10-1	See: YE2985000
20467-11-2	See: YE1650000
*20485-41-0	See: XJ3680000
20491-21-8	See: TB2073000
20496-36-0	See: SZ4200000
20503-68-8	See: RP6785000
20503-69-9	See: RP6790000
20503-73-5	See: RP6950000
20503-74-6	See: RP6920000
20503-75-7	See: RP6850000
20503-77-9	See: RP6880000
20503-78-0	See: RP6860000
20503-79-1	See: RP6840000
20503-83-7	See: RP6805000
20503-85-9	See: RP6810000
20503-87-1	See: RP6940000
20503-88-2	See: RP6890000
20503-89-3	See: RP6830000
*20527-61-1	See: CQ3486000
*20537-88-6	See: TE6491000
20541-83-7	See: KK2355000
20541-99-5	See: PF7000000
*20545-86-2	See: DH6276500
*20545-96-4	See: GA4026200
20556-53-0	See: MU5100000
20556-57-4	See: GU6700000
20559-55-1	See: DD6520600
*20559-96-0	See: DD8390000
*20562-02-1	See: WF0250000
20562-03-2	See: FL6700000
20566-41-0	See: SD9510000
20566-97-6	See: DU2630000
20566-98-7	See: DU2076000
20566-99-8	See: DU2620000
20567-00-4	See: DU2077000
20567-01-5	See: YU2050000
20567-02-6	See: YR8167000
20567-03-7	See: YU1980000
20567-04-8	See: YR8167500
*20569-45-3	See: SH6530000
*20570-96-1	See: MU8540000
*20574-25-8	See: TP1380000
20574-50-9	See: UW0245000
20575-76-2	See: YT4569000
*20576-52-7	See: SL4375900
*20576-53-8	See: SL4375910
20577-33-7	See: UI2840000
20579-83-3	See: XJ6245000
*20589-63-3	See: SE3796000
20589-98-4	See: RP6870000
20591-32-6	See: EM4250000
*20600-96-8	See: TZ0964000
*20602-57-7	See: DM3843200
*20604-88-0	See: AS1130000
*20609-08-9	See: UT4715000
*20611-21-6	See: KM2300000
20622-22-4	See: AM5975000
20624-25-3	See: EZ6550000
20627-19-4	See: AB7053000
20627-20-7	See: AB8132100
20627-21-8	See: AB7630000
20627-22-9	See: AB6353000
20627-24-1	See: AB7620000
20627-27-4	See: AB6070000
*20627-28-5	See: CW2800000
20627-31-0	See: CW4200000
*20627-32-1	See: CX4025000
*20627-33-2	See: CX4200000
*20627-34-3	See: CX4375000
20630-44-8	See: TL6966000
20632-35-3	See: FE1050000
20637-49-4	See: TZ9625000
20640-02-2	See: KJ1051500
20641-28-5	See: XT3675000
*20644-59-1	See: HS9292000
*20645-04-9	See: ZH7100000
20649-36-9	See: PB8647000
20649-37-0	See: PB8985000
20661-60-3	See: VQ3125000
*20667-12-3	See: VW4900000
20674-91-3	See: UV0835000
20674-92-4	See: UV0887000
20674-93-5	See: UV0837000
20674-94-6	See: UV0475000
20674-95-7	See: UV0473000
20674-97-9	See: UV0714000
20674-98-0	See: UV0712000
20674-99-1	See: UV0472000
20675-00-7	See: UV0474000
20675-01-8	See: UV0718000
20675-02-9	See: UV0716000
20675-03-0	See: UV0535000
20675-08-5	See: NL7550000
20675-51-8	See: DJ2930000
20675-52-9	See: AB7610000
*20682-38-6	See: UE4990000
*20682-39-7	See: ES5241500
*20682-48-8	See: GD7468000
*20682-52-4	See: LQ4673000
*20682-53-5	See: GQ2454000
20684-29-1	See: TK7888400
20685-78-3	See: QI9160000
*20686-45-7	See: UC3087000
*20689-96-7	See: DP5200000
*20691-83-2	See: BX6300000
*20691-84-3	See: DG8965000
*20697-03-4	See: XT2410000
*20697-04-5	See: CZ0526000
20702-77-6	See: LZ5785000
20707-40-8	See: RN7760000
20707-41-9	See: RN7840000
20709-37-9	See: TE6480800
20709-38-0	See: TE6483200
20709-39-1	See: TE6498000
20709-40-4	See: TE6481600
20711-66-4	See: RN7850000
20711-78-8	See: RN7870000
20711-84-6	See: RN7790000
20711-86-8	See: RN7800000
*20715-62-2	See: KK7600000
20719-39-5	See: UU5694000
20719-68-0	See: EO5225000
20721-17-9	See: UQ3500000
20723-18-6	See: TM7135000
20723-21-1	See: TN4254000
20723-23-3	See: QE0995000
20723-29-9	See: UI0690000
20723-31-3	See: TL3800000
*20728-06-7	See: FH4919700
20730-02-3	See: UF6825000
20737-59-1	See: UQ7600000
20738-78-7	See: OW3330000
20739-16-6	See: UV1155000
20740-05-0	See: HS9350000
*20743-57-1	See: CV8750000
20744-51-8	See: WK1970500
20745-95-3	See: TA2375000
20748-66-7	See: UX1530000
20750-72-5	See: GT8945000
20766-78-3	See: TG0830000
*20769-36-2	See: EL7880000
*20770-41-6	See: TT4890000
20771-45-3	See: UV0648000
20771-46-4	See: UV0785000
20771-47-5	See: UV0476000
20771-48-6	See: UV0698000
20771-49-7	See: UV0696000
20771-50-0	See: UV0695000
*20777-39-3	See: MP8625000
*20777-49-5	See: OT0210000
*20780-49-8	See: RH0920000
*20780-54-5	See: CZ9625040
20781-67-3	See: AB4780000
20783-50-0	See: SZ5775000
*20794-96-1	See: QJ7000000
20800-03-7	See: UH4387500
20800-04-8	See: UG8500000
20800-05-9	See: UH3250000
20800-06-0	See: EU5000000
20800-07-1	See: YV9100200
20800-08-2	See: AM9487200
20800-09-3	See: AM9000000
20800-10-6	See: UH4387610
20800-11-7	See: UH2508000
20800-12-8	See: EU4770000
20800-14-0	See: UH4408400
20800-15-1	See: UG8600000
20800-16-2	See: UH4250000
20800-17-3	See: UH4386400
20800-18-4	See: EU5310000
20800-19-5	See: EU4880000
20800-20-8	See: YV9100900
20800-21-9	See: UH4408600
20800-22-0	See: UH2830000
20800-23-1	See: EU4810000
20801-63-2	See: CV2345860
20801-65-4	See: CV2345880
20801-66-5	See: XT5500000
20801-67-6	See: YV4290000
20808-92-8	See: AM8451000
20808-93-9	See: AM8453000
20808-94-0	See: UH0582000
20808-95-1	See: UG8450000
20808-96-2	See: UH0588000
20808-97-3	See: UH0586000
20808-98-4	See: EU2338000
20808-99-5	See: EU2345000
20809-00-1	See: NQ5612000
20809-01-2	See: MP4480000
20809-02-3	See: DO4600000
20809-03-4	See: AM8452000
20809-04-5	See: UH0584000
20809-05-6	See: EU2340000
20809-07-8	See: UG9605000
20809-08-9	See: UG8425000
20809-09-0	See: UG9615000
20809-10-3	See: EU2200000
20809-11-4	See: EU2230000
20809-12-5	See: EU1080000
20809-13-6	See: NY1780000
20809-16-9	See: UG9600000
20809-17-0	See: EU2215000
20809-18-1	See: NY1790000
20809-19-2	See: AM8240000
20809-20-5	See: UH0528000
20809-22-7	See: NQ5608000
20809-23-8	See: EU1450000
20809-24-9	See: EU2324000
20809-26-1	See: YV8930000
20809-28-3	See: AM8250000
20809-29-4	See: EU2320000
20809-30-7	See: YV8932000
20809-31-8	See: AM9288000
20809-78-3	See: AF5860000
20811-26-1	See: FE6217000
20811-65-8	See: BO4800000
20811-68-1	See: YM4440000
20811-73-8	See: YM6070000
20811-85-2	See: YM6005000
20811-86-3	See: YM4450000
20811-87-4	See: TN7850000
20811-88-5	See: UF5350000
20811-90-9	See: TN6832000
20812-04-8	See: ES3675000
20813-02-9	See: UU1765000
*20816-12-0	See: RN1140000
20816-95-9	See: BO4567000
20818-34-2	See: WQ2885000
*20819-54-9	See: SZ2450000
20819-59-4	See: TD8260000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
*20820-44-4	See: TY7527000
*20830-75-5	See: IH6125000
*20830-81-3	See: HB7875000
20836-40-2	See: HZ9240000
20836-42-4	See: YE2990000
20836-95-7	See: RO9390000
*20844-82-0	See: DM4919000
20845-56-1	See: TN0404020
20845-57-2	See: NK7534750
20845-58-3	See: TN1302000
20845-59-4	See: NK7534850
20845-60-7	See: NK7533500
20845-61-8	See: NK7534900
20845-62-9	See: NK7535100
20845-63-0	See: TN1065000
20845-64-1	See: TM6497700
20845-65-2	See: NK8399500
*20852-49-7	See: FG1609000
*20854-35-7	See: DO5435600
20856-57-9	See: LQ1835000
*20859-73-8	See: BD1400000
*20861-99-8	See: QJ6870000
*20862-53-7	See: MW5776000
*20862-56-0	See: UY1302000
20865-34-3	See: UV7728000
*20865-52-5	See: UV7718000
20866-04-0	See: VA3205000
20866-06-2	See: VA3139000
20866-09-5	See: VA3123000
20866-11-9	See: VA3200000
20866-13-1	See: VA3142000
20884-66-6	See: CV5437000
20884-70-2	See: CV5430010
20884-71-3	See: CV4348510
20884-72-4	See: CV4348500
20884-73-5	See: CU8757000
20884-74-6	See: CV5375200
20884-75-7	See: CV2443550
20884-76-8	See: TN0406500
20884-77-9	See: CV5433000
20884-78-0	See: CV4349700
20884-83-7	See: DH3280000
20884-84-8	See: DH3282000
20884-85-9	See: DH3281000
20884-90-6	See: NX5080300
20884-91-7	See: NX5080400
20884-94-0	See: JI4680000
20884-95-1	See: JI4740000
20884-96-2	See: JI4760000
20887-14-3	See: VA3250000
20887-16-5	See: VA3280000
20887-18-7	See: VA3141000
20887-20-1	See: VA3125000
20887-26-7	See: VA3135000
20887-28-9	See: VA3137000
20887-29-0	See: VA3133000
20887-31-4	See: VA3121030
20887-33-6	See: VA3129000
20887-38-1	See: VA3119000
20902-73-2	See: NK7534800
20902-75-4	See: NK7535200
*20902-76-5	See: TN0404300
20902-77-6	See: TN1302600
20902-78-7	See: TN1302400
20906-52-9	See: HQ2625000
*20911-73-3	See: CE1010000
20915-57-5	See: NK5664000
20917-34-4	See: TP4450000
*20917-49-1	See: CN4900000
*20917-50-4	See: CO1750000
20928-82-9	See: DJ8310000
*20929-99-1	See: GU3150000
*20930-00-1	See: GX9625000
20938-48-1	See: DP5880000
20941-60-0	See: NX5896000
*20941-65-5	See: WY2950000
*20942-22-7	See: CQ7360000
20943-49-1	See: DH3546000
20954-12-5	See: DG8935000
20954-13-6	See: DG8495000
20954-14-7	See: DH6478000
20954-15-8	See: DG8969000
20954-16-9	See: DH6479500
20971-53-3	See: DF2370110
20972-98-9	See: DM3380000
20972-99-0	See: DM3677500
20973-01-7	See: DM3844000
20973-03-9	See: DM3677000
20973-04-0	See: DM3675100
20973-05-1	See: DM3844700
20973-06-2	See: DM3844300
20973-42-6	See: DM3856670
20977-50-8	See: FB3235000
20977-53-1	See: DL8225000
20977-54-2	See: DL8130000
20978-45-4	See: TB1065000
20978-95-4	See: DM3843500
20978-96-5	See: DM3844600
20978-98-7	See: DM3676000
20978-99-8	See: DM3856650
20979-00-4	See: DM3856600
20979-01-5	See: DM3844210
20980-06-7	See: TM2780000
20980-14-7	See: TK8125000
20980-16-9	See: TM1300000
20980-17-0	See: TL6200000
20980-18-1	See: TK8000000
20982-36-9	See: HM2323000
21000-42-0	See: DW1970000
*21000-95-3	See: NM0961000
*21001-46-7	See: FE5841500
21003-80-5	See: CB2550000
21015-08-7	See: CV5598250
21015-09-8	See: AC6384000
21015-10-1	See: UE4528200
21015-13-4	See: AB5820000
21015-15-6	See: UC6476000
21015-16-7	See: UK4100000
*21027-33-8	See: DT3740000
21033-42-1	See: DH6925000
*21035-25-6	See: YR8950000
21035-54-1	See: EN0702500
21038-09-5	See: DM3086000
21038-10-8	See: DM3036000
21038-11-9	See: DM3093000
21038-12-0	See: DM3050000
21038-13-1	See: DM3096000
21038-14-2	See: DM3056000
21038-16-4	See: DM3040000
21038-17-5	See: DM3043000
21038-18-6	See: DM3046000
21038-19-7	See: XZ0584000
21038-20-0	See: XZ0538000
21038-21-1	See: XZ0722000
21042-91-1	See: CL5529000
21044-88-2	See: DM3312000
21044-89-3	See: DM3856200
21053-91-8	See: LU4800000
21054-97-7	See: XZ0745000
21055-30-1	See: JJ8750000
21057-58-9	See: TM0875000
*21059-46-1	See: CI9120000
21062-28-2	See: MF0405000
21062-31-7	See: GZ2290000
21064-31-3	See: DE7050000
*21064-50-6	See: DE7100000
21070-22-4	See: SZ9520000
21070-23-5	See: SZ9450000
*21070-32-6	See: VB0875000
*21070-33-7	See: VB0700000
21070-68-8	See: UT7175000
*21071-51-2	See: UH2440000
21074-52-2	See: UU7787080
*21075-41-2	See: CU4100000
21078-16-0	See: BS3821000
*21082-50-8	See: OW3363000
*21083-47-6	See: MU1750000
*21085-56-3	See: MV7361000
*21087-64-9	See: XZ2990000
21089-40-7	See: TB2680000
21092-64-8	See: UH4382500
21092-65-9	See: EU4815000
21092-66-0	See: AM9188000
*21102-82-9	See: QE2650000
21105-05-5	See: OT0726000
*21106-19-4	See: GA4850010
*21106-20-7	See: GA4850000
21108-83-8	See: AB4542430
21124-09-4	See: XY2755000
*21124-13-0	See: XY2785500
21132-00-3	See: VA3131000
21132-40-1	See: GE1459000
21133-81-3	See: SA0500000
21133-82-4	See: MJ0175000
21133-87-9	See: MO2685000
21133-88-0	See: MO2320000
21133-89-1	See: MO2300000
21133-90-4	See: MO2800000
*21140-37-4	See: DV7100000
21140-77-2	See: CV4203500
21140-78-3	See: NX0490000
*21140-85-2	See: AT2290000
*21141-45-7	See: KU8522200
*21141-47-9	See: KW2040000
21147-57-9	See: VI8110000
21147-80-8	See: VA3117000
21149-87-1	See: CQ5725000
21149-88-2	See: CQ5599000
21150-21-0	See: NJ8326000
21150-22-1	See: NJ8324000
21150-23-2	See: NJ8323000
21161-62-6	See: SZ9540000
*21161-63-7	See: GW4400000
21162-93-6	See: DM3677800
21165-49-1	See: UC6600000
21165-50-4	See: UC6615000
21165-51-5	See: UC6490000
21165-52-6	See: UC6500000
21165-53-7	See: UC6520000
21165-54-8	See: UC6530000
21165-57-1	See: UC6560000
21165-60-6	See: UC6630000
21165-62-8	See: UC6580000
21165-63-9	See: UC6540000
21165-65-1	See: UC6640000
21172-28-1	See: DN7450000
21175-67-7	See: UC6610000
21176-81-8	See: XJ7050190
21176-82-9	See: XJ7050185
*21176-85-2	See: XJ7040100
21176-88-5	See: GU3561500
21176-91-0	See: XJ7050166
*21176-92-1	See: XJ7035000
21187-98-4	See: YT4500000
21199-15-5	See: UU2500000
21199-35-9	See: UU6200000
*21200-24-8	See: RQ5804000
*21202-05-1	See: AB4542300
21206-72-4	See: CL5635000
21208-79-7	See: KJ0445100
21208-80-0	See: KJ2064000
21208-81-1	See: KJ0500000
21208-82-2	See: KJ2484000
21208-85-5	See: KJ2594200
21208-86-6	See: KJ2593200
21208-87-7	See: KJ0439700
21208-91-3	See: KJ0441660
21208-94-6	See: KJ0445800
21208-95-7	See: KJ0443400
21208-96-8	See: KJ0443200
21208-98-0	See: KJ0441140
21208-99-1	See: KJ0445970
21209-01-8	See: KJ0445910
21209-02-9	See: KJ2118700
21209-03-0	See: KJ0442580
21209-04-1	See: KJ2118600
21209-05-2	See: KJ0442520
21209-07-4	See: KJ2051020
21209-08-5	See: KJ0445880
21209-10-9	See: KJ1092000
21209-11-0	See: KJ1052200
21209-12-1	See: KJ1052400
21209-13-2	See: KJ0441800
21209-14-3	See: KJ0439620
21209-15-4	See: KJ0445940
21209-16-5	See: KJ0439560
21209-19-8	See: KJ0446500
21209-21-2	See: KJ0441600
21209-22-3	See: KJ0442400
21209-24-5	See: KJ0442300
21209-25-6	See: KJ0442390
21209-26-7	See: KJ0445960
21209-27-8	See: KJ0439580
21215-52-1	See: UE4528100
21216-76-2	See: TM7650000
21216-78-4	See: TN5020000
21217-12-9	See: BS3824000
21217-25-4	See: BS3821300
21220-70-2	See: KJ2629350
21220-73-5	See: KJ2524600
21220-74-6	See: KJ2460000
21220-75-7	See: KJ2541400
21220-76-8	See: KJ1111000
21220-77-9	See: KJ0442700
21220-79-1	See: KJ0216200
21220-80-4	See: KJ0216240
21220-81-5	See: KJ0216260
21220-83-7	See: KJ0216220
21220-85-9	See: KJ2518400
21220-89-3	See: KJ2590100
21220-90-6	See: KJ0710000
21220-93-9	See: KJ2058400
21220-94-0	See: KJ2057400
21220-97-3	See: KJ0742000
21220-98-4	See: KJ1582000
21220-99-5	See: KJ2048000
21221-01-2	See: KJ1068500
21224-40-8	See: KJ0442350
21224-41-9	See: KJ0442000
21224-42-0	See: KJ0441640

TOXICITY DATA HAVE NOT BEEN EVALUATED
Omission of a substance or notation does not imply any relief from regulatory responsibility

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
21224-43-1	See: KJ2118780
21224-45-3	See: KJ0439600
21224-46-4	See: KJ0445300
21224-47-5	See: KJ0442900
21224-48-6	See. KJ0442370
21224-53-3	See: KJ2075100
21224-54-4	See: KJ2075200
21224-55-5	See: KJ2062800
21224-56-6	See: KJ2062600
21224-57-7	See: KJ1118000
21224-58-8	See: KJ2627600
21224-59-9	See: KJ2627750
21224-60-2	See: KJ1076060
21224-61-3	See: KJ2074000
21224-62-4	See: KJ1030000
21224-64-6	See: KJ0442760
21224-65-7	See: KJ2521000
21224-68-0	See: KJ2526200
21224-74-8	See: KJ2594600
21224-75-9	See: KJ2594400
21224-78-2	See: KJ2614000
21224-79-3	See: KJ2537000
21224-81-7	See: KJ2592900
21224-83-9	See: KJ2592400
21224-84-0	See: KJ2592200
21224-86-2	See: KJ2059200
21224-88-4	See: KJ2482000
21224-89-5	See: KJ2629200
21226-87-9	See: KJ0445820
21226-91-5	See: KJ0442560
21226-92-6	See: KJ0442540
21226-93-7	See: KJ0442120
21226-94-8	See: KJ2118400
21226-97-1	See: KJ2118760
21228-77-3	See: VD5890000
*21232-47-3	See: CO4150000
21238-30-2	See: FF5075000
*21239-05-4	See: UU4550000
*21239-12-3	See: LR1028000
21239-57-6	See: OP1325000
21239-68-9	See: SA0610000
21241-68-9	See: XJ7050161
21246-18-4	See: GL6483500
*21247-98-3	See: DJ6410000
*21248-00-0	See: DJ4830000
21248-01-1	See: DJ4919000
21251-12-7	See: NC2985600
21252-33-5	See: VD5910000
*21256-18-8	See: RP6990000
21256-71-3	See: EI3353000
21256-96-2	See: CL5413000
21256-97-3	See: CL5408000
*21258-04-8	See: YR9450000
21258-05-9	See: YR9400000
*21259-20-1	See: YD0100000
21259-76-7	See: OV8700000
*21260-46-8	See: EB3400000
21264-32-4	See: TP2180000
*21267-72-1	See: AE1140000
21269-14-7	See: UY2212000
21269-15-8	See: UY2218000
*21269-35-2	See: UA9311000
*21269-98-7	See: KN3990000
*21269-99-8	See: KN4010000
*21270-00-8	See: KN4020000
*21270-01-9	See: KN4027000
*21270-02-0	See: KN4029000
*21270-03-1	See: KN4039000
*21270-04-2	See: KN4042000
*21270-05-3	See: KN4041000
*21270-06-4	See: KN4026000
*21270-07-5	See: KN4040000
*21270-08-6	See: KN4043000
*21270-09-7	See: KN4035000
*21270-10-0	See: KN4038000
*21270-11-1	See: KN4037000
*21270-12-2	See: KN4036000
*21270-13-3	See: KN4034000
*21270-14-4	See: KN4032000
*21270-15-5	See: KN4033000
*21270-16-6	See: KN4031000
*21270-17-7	See: KN4030000
*21270-19-9	See: UU4024060
*21270-20-2	See: UU2702000
*21270-21-3	See: UU2701000
*21270-24-6	See: UU5694250
*21270-25-7	See: UU4017400
*21270-33-7	See: UU3874070
21271-20-5	See: UQ4699000
21271-21-6	See: UQ4710000
21271-23-8	See: UQ4706000
21271-27-2	See: UQ4716000
21271-32-9	See: UQ4688000
21271-37-4	See: UQ4690000
21274-97-5	See: UQ6510000
21275-19-4	See: UQ7160000
21279-96-9	See: UV8910000
21279-99-2	See: UV6660000
21280-03-5	See: XZ0420000
21280-05-7	See: XY7367000
21280-10-4	See: UV9276500
21280-12-6	See: TM3397000
21280-13-7	See: UV6810000
21280-17-1	See: UV9707000
21280-23-9	See: UV8138600
*21282-39-3	See: UA8540000
*21282-96-2	See: AK5600000
*21284-11-7	See: YD0117000
*21287-44-5	See: MU3871000
*21288-85-7	See: VI9360000
21291-17-8	See: TJ9340000
21291-18-9	See: TJ9300000
*21296-53-7	See: TM6108000
*21296-92-4	See: NM1888000
*21297-20-1	See: CW4075000
21299-86-5	See: UB7560000
*21303-75-3	See: XJ7011500
21305-13-5	See: EI3318000
21308-79-2	See: RG4100000
21309-50-2	See: DE4161200
21309-79-5	See: DE4161000
21309-90-0	See: DE4160000
21309-93-3	See: DE4161100
21313-95-1	See: UO7520300
21322-34-9	See: MU4080000
21322-35-0	See: MU2550000
21322-39-4	See: MU2000000
*21327-74-2	See: GP1339000
*21330-83-6	See: CQ4930000
*21330-84-7	See: CQ7068590
*21330-95-0	See: CQ2310920
*21330-96-1	See: ET0890000
*21330-97-2	See: HD9407000
*21330-98-3	See: CQ2310910
21340-42-1	See: AE1160000
21340-43-2	See: AD9633000
21340-44-3	See: AD9631000
21340-68-1	See: UE8800000
21342-26-7	See: LY5125000
21342-85-8	See: UG1440000
*21351-79-1	See: FK9800000
*21362-69-6	See: BV8044500
*21363-18-8	See: UX9635500
*21367-95-3	See: CQ7068520
*21368-68-3	See: EX1234000
21369-76-6	See: AT7400000
21373-57-9	See: VB2356000
21373-58-0	See: VB2358000
21373-60-4	See: VB2357000
*21382-73-0	See: SL7843000
21384-25-8	See: CM7525000
21384-57-6	See: CM6812500
21393-59-9	See: LJ8100000
*21394-86-5	See: XZ0358750
*21395-07-3	See: KN4028000
*21403-24-7	See: AC8774000
*21404-94-4	See: SH4960000
21409-35-8	See: MF5500000
21410-09-3	See: MU2050000
21413-28-5	See: MU1500000
*21416-05-7	See: YM3357000
21416-53-5	See: TJ8800000
*21416-67-1	See: TL6389900
*21416-87-5	See: TL6400000
21433-41-0	See: TA1845000
21436-78-2	See: NK8410000
21436-82-8	See: NK8280000
21436-90-8	See: NK8655000
21436-91-9	See: NK8510000
*21436-96-4	See: ZF0175000
*21436-97-5	See: BZ0875000
21436-98-6	See: ZF0375000
21440-96-0	See: DM3825000
21440-97-1	See: DM3679200
21441-00-9	See: DM3707500
21441-01-0	See: DM3807500
21441-03-2	See: DM3845000
21441-04-3	See: DM3679500
21443-96-9	See: NK7713000
21444-36-0	See: GY5845500
21444-39-3	See: NK7928000
21444-41-7	See: NK7927000
21444-43-9	See: GY5847000
21444-48-4	See: NK7940000
21446-46-8	See: UU6360000
21446-96-8	See: AH2608000
*21447-39-2	See: QD8505000
21447-40-5	See: XS3630000
21447-45-0	See: XU3685000
21447-81-4	See: XU1620000
21447-82-5	See: XU1610000
21447-83-6	See: XU1600000
21447-85-8	See: XS3625000
21447-86-9	See: CM6400000
21447-87-0	See: OB1234000
*21450-81-7	See: OV6680000
*21452-14-2	See: XJ2700000
*21457-11-4	See: WH0194650
*21457-13-6	See: WH0197000
*21457-14-7	See: WH0198000
*21457-21-6	See: XJ7055300
*21457-22-7	See: XJ7055400
*21457-23-8	See: WH0194600
*21457-24-9	See: WH0194580
*21457-29-4	See: XJ7055100
21459-27-8	See: OF8900000
21461-15-4	See: VO1900000
21461-63-2	See: AH2580000
21461-65-4	See: AH2604000
21461-69-8	See: AH2600000
21462-39-5	See: GF2275000
*21465-96-3	See: HQ3340000
*21465-97-4	See: HQ2976000
21466-08-0	See: RC8961550
21472-25-3	See: NI6230000
21472-26-4	See: NI8020000
*21472-77-5	See: AY5079000
*21476-57-3	See: OZ4170000
21480-43-3	See: DN4360000
21480-44-4	See: DN4320000
21484-30-0	See: UC3834000
21484-32-2	See: UC3836000
21484-34-4	See: UC3834500
21484-36-6	See: UC3836600
21484-38-8	See: UC2770000
21484-40-2	See: UC2775000
21484-42-4	See: UC3816000
21484-45-7	See: UC3817000
21484-52-6	See: GY5845600
21484-53-7	See: NK7761000
21484-54-8	See: GY5845000
21484-55-9	See: NK7760000
21486-29-3	See: NK7935000
21486-30-6	See: NK7950000
21486-34-0	See: NK7880000
21487-12-7	See: NK7922000
21487-13-8	See: NK7920000
21487-14-9	See: NK7925000
21489-50-9	See: QM5124000
21489-51-0	See: QM5129000
21489-52-1	See: QM5125000
21489-78-1	See: QJ5110000
21489-79-2	See: QJ4840000
21492-45-5	See: EU3600000
*21498-08-8	See: NJ2570000
*21500-98-1	See: TN4221400
21505-34-0	See: AH2584000
*21505-41-9	See: WH0199000
21508-38-3	See: NK8420000
*21508-40-7	See: HQ3300000
21526-80-7	See: UH0537000
21530-69-8	See: UQ4736000
21532-04-7	See: XZ3865000
*21535-47-7	See: HP8780000
21535-82-0	See: UQ4740000
21538-03-4	See: QJ4800000
*21540-35-2	See: YT0200000
21545-54-0	See: YS7650000
*21548-32-3	See: NJ6490000
*21550-30-1	See: UE9503000
21554-20-1	See: GO6835000
21556-79-6	See: ES5247000
21556-86-5	See: UE5091500
*21561-99-9	See: YT8100000
*21564-17-0	See: XK8150000
*21564-17-0	See: XK8151000
21564-55-6	See: DC8426400
21564-60-3	See: UA9450000
21564-62-5	See: UB3870000
*21567-21-5	See: SM9462000
21569-24-4	See: NK5968000
21569-26-6	See: NK5966000
21569-28-8	See: NK5964000
21569-29-9	See: NK5336900
21569-30-2	See: NK5336800
21569-32-4	See: NK5336700
21569-35-7	See: NK5069000
21569-37-9	See: NK5068000
21569-39-1	See: NK5067000
21569-41-5	See: NK5064000

BEST COPY AVAILABLE

CAS No.	RTECS No.
21569-42-6	See: NK5063000
21569-44-8	See: NK5069700
21569-46-0	See: NK5066000
21569-48-2	See: NK5061000
21580-07-4	See: UH4025000
21581-48-6	See: GV5950000
*21587-39-3	See: OB4571030
21590-25-0	See: EI3335000
*21590-92-1	See: TI5695400
21593-23-7	See: XI0387000
21594-75-2	See: TM1785000
21594-76-3	See: TM1830000
21594-77-4	See: TM1885200
21594-78-5	See: TM1777000
*21594-80-9	See: TM5056000
21594-81-0	See: QE9530000
21598-58-3	See: MU1300000
21598-64-1	See: HM2500000
21598-65-2	See: MU1430000
21599-20-2	See: UQ4820000
21599-27-9	See: AC8050000
*21600-42-0	See: XY2300000
*21600-43-1	See: XY0495000
*21600-45-3	See: XY2775000
*21600-51-1	See: DG9125000
21602-29-9	See: TM3270000
21602-31-3	See: TL0606000
21602-32-4	See: TM3080000
21602-36-8	See: TM3190000
21602-37-9	See: TM3391500
21602-39-1	See: TM1053000
21602-40-4	See: TM3250000
21602-42-6	See: TM1831000
21602-44-8	See: TM0816000
21602-45-9	See: TM3185000
21602-46-0	See: TK8001C00
21602-47-1	See: TM2989100
21602-49-3	See: TN4221500
21602-50-6	See: TN6087000
21602-52-8	See: TN4690000
21602-54-0	See: TN1301000
21602-56-2	See: TM7270000
*21602-58-4	See: TN2320000
21602-60-8	See: TN2310000
21602-61-9	See: TN4222000
21602-62-0	See: TM4150000
21602-64-2	See: IP9500000
21602-65-3	See: CM0243000
21602-67-5	See: QF3356000
21602-68-6	See: TM0853000
21602-70-0	See: TM3396000
*21609-90-5	See: TB1720000
21615-29-2	See: AM4378500
21616-31-9	See: MU0600000
21616-34-2	See: MU0650000
21621-38-5	See: UQ4830000
21626-24-4	See: AH4417000
21626-89-1	See: TH9250000
21629-01-6	See: AR9574000
21633-77-2	See: OO1575000
21635-40-5	See: UO3515000
*21636-37-3	See: HQ4028500
*21637-25-2	See: LK8960000
*21638-36-8	See: NJ0750000
21641-60-1	See: YY8600000
21642-82-0	See: CQ6250000
21642-83-1	See: CQ6200000
21643-38-9	See: DH1485000
21644-95-1	See: GO6830000
*21645-51-2	See: BD0940000
*21649-57-0	See: ON9110000
*21650-02-2	See: CL5495000
*21654-60-4	See: TP2509000
21654-72-8	See: BQ2065000
21654-73-9	See: BQ2060000
21654-75-1	See: KR3050000
21654-76-2	See: BP4993000
21654-77-3	See: BP4992000
21654-78-4	See: BQ2475000
21654-79-5	See: BQ2066000
*21655-84-5	See: UV0318000
*21658-26-4	See: DH1425000
21658-44-6	See: KQ9540000
21658-48-0	See: SO0875000
21661-62-1	See: XH5075000
*21662-09-9	See: HE2071400
21662-80-6	See: NK6242000
21662-82-8	See: NK5336600
21662-84-0	See: NK5062000
21667-00-5	See: SJ7780000
21667-01-6	See: SJ7770000
21667-02-7	See: SJ7737000
21667-03-8	See: SJ7723000
21667-05-0	See: SJ7713000
21672-57-1	See: UQ6452000
*21679-31-2	See: GB7575000
21704-21-2	See: EU4748000
21704-44-9	See: UM6900000
21704-45-0	See: TC6593500
*21704-46-1	See: TC0870000
21705-02-2	See: NJ8325000
*21711-65-9	See: QJ9800000
*21715-46-8	See: DM3028000
21716-89-2	See: NM2580000
*21719-87-9	See: CV6253000
21722-66-7	See: NL3665000
*21722-83-8	See: AG5095000
*21725-46-2	See: UG1490000
21726-82-9	See: XK9050000
21727-09-3	See: OO8575000
*21732-17-2	See: XF7463000
21736-01-6	See: YT1400000
*21736-83-4	See: UQ0333500
*21738-42-1	See: VC0340000
*21739-91-3	See: AS4750000
21757-82-4	See: KK5000000
21761-85-3	See: AF3630000
*21761-90-0	See: UF6365000
*21761-92-2	See: UF6360000
*21761-96-6	See: AJ1475000
*21762-00-5	See: ET5955830
*21762-02-7	See: AJ1476000
*21762-08-3	See: MU6645700
21762-12-9	See: UE7200000
*21762-13-0	See: MU6645200
*21762-16-3	See: MW5284000
*21762-18-5	See: MW5284500
21762-25-4	See: ES7200000
*21762-28-7	See: MU6645500
*21762-29-8	See: ET5955860
*21763-33-7	See: AJ1454000
*21763-34-8	See: AJ1465500
*21763-37-1	See: UF6370000
21769-53-9	See: HM0340000
21770-52-5	See: DF4820000
21770-81-0	See: MF3990000
21784-53-2	See: DL0755000
21784-54-3	See: DL0797000
21784-55-4	See: DL0769000
21784-56-5	See: DL0748000
21786-11-8	See: TL8680000
21787-34-8	See: NY2320000
21787-35-9	See: NY2310000
21787-36-0	See: NY2730000
21787-80-4	See: LQ4551000
*21787-89-3	See: NI5431900
*21794-01-4	See: GX9275000
21794-55-8	See: QI9295500
21797-94-4	See: NJ5199300
21797-99-9	See: NJ5447000
21800-49-7	See: GZ4820000
21801-74-1	See: NJ5171000
21801-79-6	See: NJ5495000
21801-80-9	See: NJ5522000
21801-83-2	See: NJ5108600
21801-84-3	See: NJ5109000
21801-85-4	See: NJ5109500
21801-86-5	See: NJ5108300
21801-88-7	See: NJ5252000
21801-89-8	See: NJ5453000
21801-90-1	See: NJ5458000
21813-99-0	See: TJ7530000
21820-81-5	See: RQ2600000
21820-82-6	See: RQ2625000
*21829-25-4	See: US7975000
*21838-47-1	See: AJ1454500
*21838-49-3	See: MW5285000
21840-23-3	See: XY7010000
21840-68-6	See: ES0650000
21842-58-0	See: NY9050000
*21848-62-4	See: RB6000200
21851-41-2	See: WQ2950000
*21853-05-4	See: UY1011400
*21853-06-5	See: QE2950000
21865-17-8	See: BT2600000
*21868-39-3	See: TL1286100
21872-70-8	See: CZ1705000
21879-81-2	See: CB8068000
21881-54-9	See: US7972500
*21884-44-6	See: EK6125000
*21884-47-9	See: PC4930000
*21888-96-0	See: DW1080000
*21888-99-3	See: MA4029500
21889-12-3	See: NK7536000
21889-13-4	See: NK5500C0
21891-57-6	See: QJ0200000
*21892-80-8	See: DM5275450
21894-80-4	See: HP1148000
*21898-19-1	See: DN3180000
21899-30-9	See: BX4600000
*21905-27-1	See: CH7200000
*21905-32-8	See: CH7900000
*21905-40-8	See: CH7244000
21907-94-8	See: AJ7200000
*21908-53-2	See: OW8750000
21912-88-9	See: UC6625000
21914-07-8	See: CQ4196000
*21917-91-9	See: SF8575000
21919-00-6	See: KJ6320000
21919-01-7	See: KJ6330000
21919-02-8	See: UA5810000
21919-04-0	See: NK5100000
21919-05-1	See: CV2345500
*21921-96-0	See: TA0440000
21923-02-4	See: TB1715000
*21923-23-9	See: TF1590000
*21925-23-5	See: QS4483700
21925-70-2	See: UA9200000
*21928-82-5	See: AU6560000
21949-04-2	See: BQ8189000
21949-05-3	See: BQ8162500
21954-73-4	See: BQ4312000
21954-74-5	See: BQ4303000
21954-75-6	See: BQ4306000
*21961-08-0	See: WR6650000
21962-24-3	See: EM5075000
21964-23-8	See: SB2190000
21964-98-7	See: DM3090000
21965-10-6	See: DM3030000
21969-62-0	See: DG5200000
*21970-53-6	See: VB7350000
21977-12-8	See: DM3053000
21977-20-8	See: DM3074000
21977-22-0	See: DM3070000
21977-25-3	See: DM3083000
21977-26-4	See: DM3033000
21977-33-3	See: DM3052000
21977-36-6	See: DM3055000
21977-39-9	See: DM3073000
21979-59-9	See: VC3950000
21979-62-4	See: VC3962000
*21985-87-5	See: BY7925000
21988-53-4	See: TB1650000
21988-54-5	See: TB1960000
21988-55-6	See: TG1350000
21988-57-8	See: TB2000000
21988-58-9	See: TE6220000
21988-59-0	See: TG0740000
21988-60-3	See: TG2860000
21988-62-5	See: TE0750000
21988-63-6	See: TE0480000
21988-64-7	See: TF6840000
21988-66-9	See: TF6855000
21988-67-0	See: TG2880000
*21992-92-7	See: TA2378000
21998-73-2	See: TE0400000
22001-41-8	See: SN1850000
22012-49-3	See: BQ8400000
22019-14-3	See: NK5500500
22019-15-4	See: NK5370000
22019-17-6	See: NK6250000
22019-19-8	See: NK6010000
22019-21-2	See: NK6260000
22019-22-3	See: NK5440000
22019-24-5	See: NK5120000
22019-26-7	See: NK5110000
*22019-28-9	See: NK5135000
22019-30-3	See: NK5130000
22019-31-4	See: NK5360000
22019-33-6	See: NK5990000
22019-35-8	See: NK5978000
22029-94-3	See: ZB2505000
22040-99-9	See: BP4025000
22041-18-5	See: AJ3850000
22041-21-0	See: UF7350000
22041-23-2	See: ES9600000
22041-24-3	See: ET6300000
22041-26-5	See: BP3325000
22041-28-7	See: UY4200000
22041-29-8	See: UY4025000
22041-31-2	See: UY3850000
22041-32-3	See: UY3675000
22041-33-4	See: BP2275000
22041-34-5	See: BP2100000
22041-39-0	See: UE4200000
22041-42-5	See: UE4025000
22041-44-7	See: BQ1760000
22042-87-1	See: UE2625000
*22043-65-8	See: HS9280000
*22052-01-3	See: ZD8110000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
22054-49-5	See: MU2465000
22056-47-9	See: UX9351000
22056-51-5	See: UX9296000
22056-53-7	See: OB6100000
22056-54-8	See: NM3230000
22057-31-4	See: UC2010000
22059-18-3	See: WR8820000
22059-22-9	See: AC6900000
22059-33-2	See: KJ2125000
22059-34-3	See: KJ1096000
22059-36-5	See: KJ2120000
22059-37-6	See: KJ1095000
22059-38-7	See: KJ2016000
22059-41-2	See: TZ7615000
22059-42-3	See: EK6560000
*22059-60-5	See: UR8440000
*22071-15-4	See: UE7570000
*22078-31-5	See: MD4380000
22083-69-8	See: UH9625000
22083-70-1	See: BX5065000
22083-71-2	See: BW7630000
22083-76-7	See: UT6000000
22086-98-2	See: UQ9890000
*22089-22-1	See: RP5880000
*22089-26-5	See: RP6156000
22089 27-6	See: RP5948000
22098-38-0	See: SM4375000
*22103-30-6	See: KI8020000
*22103-31-7	See: KI8021000
22106-07-6	See: UW7686000
22106-14-5	See: UW7684000
22107-28-4	See: AM7350000
*22108-55-0	See: CB8730100
22113-96-8	See: GQ0525000
22120-39-4	See: NL7420000
*22123-27-9	See: KV4380000
*22125-35-5	See: GZ2200000
*22128-62-7	See: LQ5970000
22131-24-4	See: TY6775000
22131-25-5	See: TY9375000
22131-27-7	See: TY5330000
22131-28-8	See: TY3737000
22131-29-9	See: TY8800000
22131-38-0	See: MU1980000
22131-40-4	See: MU4210000
*22131-79-9	See: AF2100000
22136-33-0	See: YS4100000
22137-01-5	See: DF6445000
22139-63-5	See: BP5820000
*22139-77-1	See: WJ5580000
22139-83-9	See: MU2500000
22141-60-2	See: NK5350000
22144-76-9	See: HA5300500
*22144-77-0	See: GZ4850000
22146-03-8	See: FH5077000
22149-23-1	See: TP8650000
*22149-26-4	See: LZ5778900
22150-51-2	See: GV6670000
*22151-75-3	See: YU7060000
*22154-43-4	See: LZ4295880
22158-78-7	See: AE1250000
*22167-98-2	See: XM9320000
*22167-99-3	See: XM9325000
22168-73-6	See: DJ3140000
22168-82-7	See: DJ3150000
22169-00-2	See: NC2987200
22173-64-4	See: CQ3027100
22173-83-7	See: EJ9700000
22187-43-5	See: XZ0676000
22187-44-6	See: XZ0492000
*22188-15-4	See: CU4175000
22189-32-8	See: WG7400000
22194-40-7	See: TY6770000
22198-93-2	See: UK5860000
22199-08-2	See: WP1950000
*22199-46-8	See: AR6972100
22201-89-4	See: XZ0640000
22201-90-7	See: XZ0515000
22201-91-8	See: XZ0653000
22201-92-9	See: XZ0630000
22201-93-0	See: XZ0423000
22201-94-1	See: XZ0469000
22201-95-2	See: XZ0446000
22201-96-3	See: XZ0561000
22201-98-5	See: XZ0768000
22201-99-6	See: XZ0699000
*22204-24-6	See: QL2287000
*22204-53-1	See: UF5275000
22204-87-1	See: TM2648500
*22205-30-7	See: XP8225000
22205-45-4	See: GL8910000
22205-68-1	See: DM6750000
*22208-25-9	See: TY6670000
*22222-86-2	See: CE1040000
*22223-55-8	See: YJ8968000
*22224-92-6	See: TB3675000
*22225-32-7	See: AK8750000
*22227-75-4	See: UC8430000
*22232-54-8	See: NJ2441000
22232-71-9	See: NI2975000
22235-85-4	See: RD1225000
*22236-53-9	See: EJ6650000
22237-20-3	See: CY8985000
22238-17-1	See: ED4905000
22238-19-3	See: ED2550000
22239-54-9	See: DV7525000
22242-55-3	See: XY5950000
22243-89-6	See: DB8947750
22243-90-9	See: DB8947500
22243-91-0	See: TA7700000
*22248-79-9	See: TB9100000
*22251-01-0	See: AK8400000
*22254-24-6	See: YM3700000
22260-42-0	See: GS3500000
*22260-51-1	See: KE1595000
22261-41-2	See: CV2345600
22261-42-3	See: CV2345660
22261-43-4	See: XS3608000
22261-45-6	See: DD1942000
22261-46-7	See: CV2345695
22261-47-8	See: CV2345690
22261-49-0	See: XS3608500
22261-50-3	See: XS3609000
*22262-18-6	See: DH4200000
*22262-19-7	See: DH4375000
22270-63-9	See: ES4262100
22270-65-1	See: ES4262000
22272-09-9	See: QL7472500
22272-32-8	See: QL7410000
22273-09-2	See: GS3300000
22275-41-8	See: MO6500000
22275-42-9	See: MO7707000
22279-14-7	See: XI2283300
22294-93-5	See: VM2651200
22295-80-3	See: QL7480000
22296-44-2	See: LL9015000
22303-34-0	See: AE7300000
22303-36-2	See: AE8295000
*22304-30-9	See: UQ9840000
22305-69-7	See: UO9080000
22308-32-3	See: UG9580000
22309-29-1	See: NW7363000
22309-31-5	See: NW7520000
*22314-94-9	See: UU9862000
22315-22-6	See: HM0650000
*22316-47-8	See: DE9600000
22316-71-8	See: VA1369500
*22317-62-0	See: UU5845000
*22323-45-1	See: ZH4350000
22326-31-4	See: CZ4375000
*22328-94-5	See: CP9450200
22331-70-0	See: SH5630000
*22331-78-8	See: SH7770000
22333-61-5	See: IO1420000
22335-11-1	See: NK5962000
22336-78-3	See: NW7510000
*22343-07-3	See: FB3750000
*22344-59-8	See: DH6476500
*22344-60-1	See: DH4079000
22345-47-7	See: DE9540000
22346-43-6	See: QK2300000
*22349-59-3	See: SF7352500
22358-18-5	See: AD0200000
22364-68-7	See: AM2290000
22365-09-9	See: AR7624000
22365-40-8	See: DE9610000
22365-62-4	See: AD0345000
22373-78-0	See: JH2830000
22374-89-6	See: UI3920000
*22384-63-0	See: LK9275430
*22384-81-2	See: DB3075000
*22384-84-5	See: DB2945000
*22393-62-0	See: KU8522000
*22393-63-1	See: KU8522100
*22393-64-2	See: KW2020000
22394-31-6	See: NM1300000
22394-32-7	See: NL8792000
22394-33-8	See: NL6085000
22394-34-9	See: NL6530000
22394-35-0	See: CB2650000
22394-36-1	See: CB2680000
22394-37-2	See: NM1886500
22394-38-3	See: NM1882000
22396-72-1	See: UK5800000
*22398-09-0	See: TN3740005
22402-45-5	See: TY7765000
22404-53-1	See: NM1865000
22410-58-8	See: AT5950000
*22427-39-0	See: LY9537200
*22431-62-5	See: GZ1231000
*22433-69-8	See: UW7060000
22433-89-2	See: CZ1930000
22439-22-1	See: PA8100000
22439-38-9	See: TD5470000
*22439-40-3	See: TF3750000
22439-58-3	See: OB1804000
22442-71-3	See: EJ9000000
22444-69-5	See: UB8655000
22445-73-4	See: XE9360000
*22451-06-5	See: WY2520000
*22454-80-4	See: XJ7010500
22457-89-2	See: DH6910000
22462-79-9	See: MP8980000
22465-48-1	See: GG3740000
22467-31-8	See: GX9450000
22480-27-9	See: UE7375000
*22494-42-4	See: DV2030000
22498-15-3	See: KJ0445200
22502-27-8	See: ED7680000
*22514-23-4	See: QE0490000
*22532-68-9	See: KO2695000
22535-54-2	See: WQ1225000
22539-28-2	See: SP1225000
22540-17-6	See: HO2450000
*22541-79-3	See: GB6260000
22545-60-4	See: AD0310000
22560-40-3	See: RQ5827000
*22571-95-5	See: EM9252500
22572-33-4	See: KQ7700000
22574-47-6	See: XN0293000
*22578-17-2	See: WD1575000
22583-29-5	See: MF0700000
22584-04-9	See: UO1310000
*22590-50-7	See: DT4735000
22595-26-2	See: WL2340000
22601-59-8	See: CP0350000
*22604-10-0	See: UD1922000
*22608-53-3	See: TE4780000
*22609-73-0	See: US7972200
*22610-99-7	See: WJ5630000
22614-53-5	See: GB4950000
*22625-23-6	See: UU2980000
22629-10-3	See: OO4396000
22634-89-5	See: JH2285000
22636-32-4	See: TZ0975000
22637-13-4	See: RB8890000
22644-54-8	See: JH1925100
22644-55-9	See: JH1925101
22644-56-0	See: JH1700000
22644-57-1	See: JH1701000
22644-58-2	See: JH1650000
22644-59-3	See: JH1650100
22644-62-8	See: JH1925150
22644-63-9	See: JH1925151
22644-64-0	See: JG8235400
22644-65-1	See: JG8235410
22644-66-2	See: JG8235000
22644-68-4	See: JG8235600
22644-69-5	See: JG8235610
22644-70-8	See: JG8235210
22644-73-1	See: JH1925090
22644-75-3	See: JH1960000
22644-76-4	See: JH1960100
22644-77-5	See: JH1925133
22644-78-6	See: JH1925134
22644-79-7	See: JH1500000
22644-80-0	See: JH1501000
22645-27-8	See: JH1600000
22645-28-9	See: JH2276000
22645-29-0	See: JH2276010
22645-32-5	See: JH1925050
22645-33-6	See: JH1925051
22645-34-7	See: JH1925020
22645-35-8	See: JH1925021
22645-38-1	See: JH1990000
22645-39-2	See: JH1990100
22645-40-5	See: JH1925180
22645-41-6	See: JH1925181
22645-42-7	See: JH1925186
22645-43-8	See: JH1925187
22649-61-2	See: HO8685000
22656-77-5	See: FA0750000
22662-32-4	See: TM2769500
22662-33-5	See: TL3120000
22662-35-7	See: UG9369000
22662-39-1	See: VN7870000
22662-86-8	See: TL1840000
22662-91-5	See: TL0270000
22663-49-6	See: TL2543000
22663-51-0	See: TL2365000

BEST COPY AVAILABLE

CAS No.	RTECS No.
22663-52-1	See: TL2375000
22663-53-2	See: TL2403000
*22664-55-7	See: UB6500000
*22668-01-5	See: NI3355000
*22668-02-6	See: NI3885000
*22668-03-7	See: NI3345000
*22670-79-7	See: XY2785000
22675-80-5	See: EO4930000
22684-77-1	See: DG4464000
22684-78-2	See: DG4461000
*22692-57-5	See: WM4100000
22694-96-8	See: RQ5665000
22699-29-2	See: CU5186000
22699-30-5	See: CU6525000
22703-30-6	See: RN7062000
22703-31-7	See: RN7063000
22708-05-0	See: CR0350000
22711-21-3	See: DD4800000
22725-40-2	See: HO9145000
22729-74-4	See: PB0470000
22729-75-5	See: PB1050000
22730-86-5	See: UF3349500
22730-89-8	See: UE5975500
22736-22-7	See: JG8235200
*22736-85-2	See: PB0507500
22739-29-3	See: AR9480000
*22746-11-8	See: TK9995000
*22750-65-8	See: AC0525000
*22750-85-2	See: VB6650000
*22750-86-3	See: VB6825000
*22750-93-2	See: SC7970000
22758-68-5	See: AJ3285000
22760-18-5	See: VA3530000
*22771-17-1	See: WH7262000
*22771-18-2	See: WH6875000
22775-12-8	See: DO6460000
22775-40-2	See: VO4550000
*22781-23-3	See: FC1140000
22782-77-0	See: YU1590000
22788-18-7	See: MU4400000
22792-13-8	See: QE1225000
22794-16-7	See: VT4050000
22794-21-4	See: CM0110000
22796-63-0	See: DM3200000
22796-64-1	See: DM3975000
22796-67-4	See: NI6185000
22796-70-9	See: NI3870000
22797-20-2	See: HP2485500
22800-25-5	See: LV1820000
22808-62-4	See: HO3310000
22816-00-8	See: DH5085000
22817-17-0	See: AR9850000
22819-24-5	See: FC9175000
*22820-19-5	See: UA9180000
*22820-20-8	See: UA9310000
*22820-21-9	See: UA8530000
*22820-22-0	See: UA9353000
*22820-23-1	See: UA8580000
*22820-24-2	See: UA9312000
*22820-25-3	See: UA9454200
*22820-26-4	See: UA9454000
*22820-27-5	See: UB1465000
*22820-28-6	See: UB1461000
*22820-29-7	See: UB1467000
*22820-30-0	See: UB1463000
*22820-32-2	See: UB1466000
*22820-33-3	See: UB1462000
*22820-34-4	See: UB1464000
*22820-35-5	See: UA8585000
*22820-36-6	See: UB8619000
22824-42-6	See: QK7170000
*22830-18-8	See: TZ8625000
*22830-18-8	See: ZH9750000
22830-45-1	See: LZ5180000
*22832-87-7	See: NI4771000
*22839-47-0	See: WM3407000
22859-36-5	See: KO2285000
*22862-76-6	See: BZ9800000
22873-15-0	See: FC7740000
22874-42-6	See: YR1050000
22876-19-3	See: DM4760000
22877-76-5	See: NI5680000
22881-88-5	See: TP2215500
*22885-98-9	See: LU4725000
22898-01-7	See: UF7770000
22904-40-1	See: AH4320000
22905-27-7	See: AM9667500
22907-45-5	See: MD4556000
22907-46-6	See: KR9010000
22907-48-8	See: KQ7545000
22907-49-9	See: OO0580000
*22912-24-9	See: GU7560000
*22912-25-0	See: GU7740000
22912-78-3	See: KD1850000
22912-87-4	See: KD1909000
22912-88-5	See: KD1918000
22913-17-3	See: BS1400000
22916-22-9	See: XJ6140000
22916-24-1	See: OB6407500
22916-25-2	See: WH1315900
*22916-47-8	See: NI4770000
*22921-18-2	See: GW4410000
22929-31-3	See: TL0615000
*22933-76-2	See: VI9308000
*22936-75-0	See: XY7500000
*22936-86-3	See: XY5380000
*22942-79-6	See: NM1520000
*22948-48-7	See: UQ8956000
*22948-54-5	See: UQ8958000
22949-84-4	See: TA1856000
22953-40-8	See: SJ7733000
22953-41-9	See: SJ7750000
22953-42-0	See: SJ7751000
22953-43-1	See: SJ7741000
22953-44-2	See: SJ7744000
22953-45-3	See: SJ7747000
*22953-51-1	See: SJ7781000
22953-52-2	See: SJ7763000
22953-53-3	See: SJ7764000
22953-54-4	See: SJ7767000
22953-55-5	See: SJ7773000
22953-56-6	See: SJ7774000
22953-57-7	See: SJ7777000
22953-58-8	See: SJ7784000
22954-10-5	See: SJ7716000
22954-13-8	See: SJ7726000
22954-14-9	See: SJ7729000
22954-15-0	See: SJ7736000
22954-16-1	See: SJ7738000
22954-17-2	See: SJ7719000
22954-18-3	See: SJ7720000
22954-19-4	See: SJ7732000
22956-54-3	See: YU1650000
22960-69-6	See: HM3325000
*22960-71-0	See: HM3150000
22960-83-4	See: HM2973000
22964-01-8	See: DL9680000
22964-02-9	See: DL9660000
22964-04-1	See: DL9635000
22965-82-8	See: KR9000000
*22966-79-6	See: KG7300000
22966-83-2	See: UY4568000
22966-85-4	See: TN6001000
22966-87-6	See: TN6160000
22966-88-7	See: TN5951700
22966-89-8	See: TN6155000
*22967-92-6	See: OW6320000
22972-55-0	See: VH1620000
22973-05-3	See: NW7362000
22974-38-5	See: BQ2705000
*22976-86-9	See: UV7717100
*22976-88-1	See: BA2927400
*22976-90-5	See: BA2926500
*22994-85-0	See: NI3340000
*22996-17-4	See: DN7495400
23007-86-5	See: PB8396600
23007-92-3	See: PB9029000
23008-85-7	See: RP7195000
23009-84-9	See: GZ2750000
23025-71-0	See: XJ6135000
23025-73-2	See: UY7410000
23026-51-9	See: UY2217000
23026-52-0	See: UY2214000
23026-53-1	See: UY1225400
23026-54-2	See: UY1256000
23026-55-3	See: AM9262000
23026-56-4	See: AM9260000
23030-43-5	See: MX6650000
23031-25-6	See: DN8960000
*23031-32-5	See: DN9000000
*23031-38-1	See: GZ2003000
23035-93-0	See: MW5500000
23038-36-0	See: WR5020000
*23043-24-5	See: XU5792000
23043-49-4	See: AB4250000
23043-50-7	See: AB4300000
23043-52-9	See: AB4301000
23043-63-2	See: AR8550000
23044-43-1	See: UY1329330
23044-44-2	See: UY1329340
23044-46-4	See: UY1256200
23045-11-6	See: AR7370000
23045-12-7	See: AR7375000
23045-13-8	See: AR7380000
23045-20-7	See: AR7318200
23045-32-1	See: AR9930000
23045-33-2	See: AR9950000
*23047-11-2	See: MP8055000
23049-93-6	See: DH6286100
23050-00-2	See: TN7852000
23052-51-9	See: TC1250000
23052-54-2	See: TC1100000
23052-55-3	See: TC1080000
23067-13-2	See: KF4950000
*23076-35-9	See: XJ0776350
23092-17-3	See: DF2376100
23092-98-0	See: OE7880000
*23093-74-5	See: DI2540000
23093-93-8	See: WM4760000
23093-94-9	See: WM4765000
*23095-76-3	See: US6502000
*23103-98-2	See: EZ9100000
23107-11-1	See: MH6160000
*23107-12-2	See: VH7260000
23107-96-2	See: AF4910000
*23109-05-9	See: BD6195000
23109-39-9	See: PB9028000
23109-40-2	See: PB8376010
23110-15-8	See: HE1750000
23111-67-3	See: TL3510000
23111-68-4	See: EY8750000
23111-69-5	See: TL1365000
*23111-70-8	See: TM2991800
23111-71-9	See: TM2989000
23111-76-4	See: TM3040000
23111-77-5	See: TM3020000
23111-79-7	See: TM3100000
23111-80-0	See: TM3260000
23111-81-1	See: TK8588000
23113-43-1	See: MV1690000
23113-46-4	See: NJ2495000
*23116-76-9	See: UV7717000
23118-56-1	See: US7978000
23118-58-3	See: US7977000
23125-28-2	See: US7976500
23127-30-2	See: KR5010000
23129-78-4	See: XZ4917000
23129-85-3	See: XZ5263600
23132-17-4	See: HP8525000
*23135-22-0	See: RP2300000
23142-39-4	See: AL1375000
23142-40-7	See: AK8347000
23142-41-8	See: AK8335000
23142-43-0	See: AL1390000
23142-45-2	See: AB4600000
*23145-19-9	See: DF6472000
23146-04-5	See: XH5907700
*23155-02-4	See: SZ7890000
*23164-28-5	See: KL7366600
23164-36-5	See: MJ3850000
23165-18-6	See: BP4992500
23165-19-7	See: QF2930000
23173-38-8	See: SH0685000
23180-57-6	See: RT1200000
23181-80-8	See: MJ1200000
*23184-66-9	See: AE1200000
23188-23-0	See: CZ1720000
23188-24-1	See: CZ1704000
23188-25-2	See: CZ1709000
23188-89-8	See: TP3935000
23189-05-1	See: KL8345000
23189-32-4	See: AH3736000
23189-33-5	See: AF1420000
23189-35-7	See: AI8969700
23189-36-8	See: AI9480000
23189-37-9	See: AJ3258300
23189-39-1	See: AH5610000
23189-41-5	See: AF1417000
23189-42-6	See: AI8969500
23189-43-7	See: AH3738020
23189-44-8	See: AF1423020
23189-45-9	See: AI8969820
23189-46-0	See: AH3738000
23189-47-1	See: AI8969800
*23191-75-5	See: US7977800
*23192-91-8	See: CQ0660000
23192-94-1	See: UT2810535
23194-05-0	See: CB0560000
23195-63-3	See: XZ5261000
23196-04-5	See: TH8849500
23197-56-0	See: AF1423000
23197-57-1	See: AI8969810
23197-58-2	See: AF1423010
23197-59-3	See: AH3738010
*23205-42-7	See: UV1148000
23205-90-5	See: DK3500000
*23210-53-9	See: TM8589500
*23210-55-1	See: TM8770000
*23210-56-2	See: TM8520000
*23210-58-4	See: TM8530000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*23214-92-8	See: AV9800000
23214-96-2	See: RC9865000
23217-79-0	See: UF5500000
23217-81-4	See: UE5980000
23217-82-5	See: ET5450000
23217-86-9	See: YV6190000
23217-87-0	See: YV6160000
23217-88-1	See: YV7390000
*23229-29-0	See: JP1182020
23229-32-5	See: JP0750000
*23233-88-7	See: VN8230000
23237-83-4	See: XH3860000
23239-21-6	See: ZF9450000
23239-32-9	See: SH8115000
23239-40-9	See: HP1130000
*23239-41-0	See: XI0370000
23239-51-2	See: DO6524000
23239-78-3	See: UY1050000
*23242-29-7	See: WG9890000
23244-88-4	See: NK8010000
*23245-64-9	See: QL5977000
23245-81-0	See: CQ5475000
*23246-96-0	See: VJ3850000
23248-43-3	See: TC0527000
*23248-53-5	See: WS2285000
*23249-59-4	See: TM8525000
23250-39-7	See: AR7321000
23250-40-0	See: AR7327000
23251-83-4	See: VB0900000
23255-54-1	See: KF3150000
*23255-69-8	See: YD0160000
*23255-93-8	See: XO1600000
23256-12-4	See: UU9780000
*23256-30-6	See: XM3020000
23256-33-9	See: UM3850000
23257-56-9	See: TN1050000
*23257-58-1	See: TM7640000
*23261-20-3	See: LW5320000
23273-02-1	See: IP9700000
23279-50-7	See: UF3400000
23279-53-0	See: ES5620000
23279-54-1	See: ET1500000
23279-55-2	See: YV7750000
23280-17-3	See: AH3734000
*23282-20-4	See: YD0165000
*23291-96-5	See: RC1250000
*23292-85-5	See: WH8596200
*23313-21-5	See: LZ5785300
*23315-05-1	See: EL5075000
*23319-66-6	See: BT4725000
23324-72-3	See: RG0180000
23325-63-5	See: GL6663000
*23327-57-3	See: DM4200000
*23339-04-0	See: LL4200000
23344-16-3	See: IO1440000
*23344-17-4	See: WK5880000
23350-58-5	See: GQ0700000
23352-39-8	See: XA5275000
*23360-92-1	See: OH6370000
*23361-67-3	See: UB3790000
23370-93-6	See: SI7895000
23370-94-7	See: SI7915000
23374-33-6	See: KL3134000
23378-97-4	See: XT8070000
23379-03-5	See: DB8944500
23379-26-2	See: DB8948000
23379-27-3	See: DB8944000
23379-35-3	See: FD7643000
23379-40-0	See: QJ1705000
23379-41-1	See: QJ1707000
*23385-28-6	See: EZ4215400
23385-54-8	See: GP2250000
23389-74-4	See: MP4050000
23395-20-2	See: YJ9031000
23399-81-7	See: SL0535000
23399-90-8	See: AJ8925000
23401-35-6	See: TP2216000
23412-26-2	See: MQ2999000
23413-80-1	See: BD0960000
*23414-72-4	See: ZH4860000
*23422-53-9	See: FC2800000
23434-49-3	See: QL7402500
23434-96-0	See: AY4450000
*23435-31-6	See: WJ3833000
23436-19-3	See: UB6795000
23445-16-1	See: DE8382500
23450-49-9	See: CQ2447500
23451-24-3	See: TP8670000
*23452-05-3	See: HP8755000
23453-97-6	See: DB5045000
23453-98-7	See: DB5060000
23456-93-1	See: XY1050000
23456-94-2	See: XY0875000
*23456-95-3	See: XX9700000
23462-03-5	See: HM0340265
23462-13-7	See: HM0340470
23464-46-2	See: KJ2530100
23468-09-9	See: KJ2592000
23468-12-4	See: KJ2628000
*23471-13-8	See: OV7425000
23471-23-0	See: OV7428000
23474-37-5	See: MB4200000
23474-38-6	See: MB3675000
23474-39-7	See: MB3325000
23474-40-0	See: MB3500000
23474-41-1	See: MB3850000
23474-42-2	See: MB4025000
23474-43-3	See: MB4375000
23474-44-4	See: MB4725000
*23474-91-1	See: SD9507000
*23476-83-7	See: HM1160000
*23477-98-7	See: UZ0800000
*23479-44-9	See: AU4375200
23479-45-0	See: KJ5250000
23479-46-1	See: UA4725000
*23479-47-2	See: OB1078800
*23479-48-3	See: TM8058000
*23479-49-4	See: OB1078400
*23483-74-1	See: OV7426000
*23484-01-7	See: VB0875500
23485-79-2	See: TA4550000
23486-22-8	See: NX5073200
23488-38-2	See: ZE5170000
*23491-45-4	See: SM1140500
*23491-52-3	See: DT4200000
*23495-12-7	See: KM0900000
23497-05-4	See: TF6885000
23497-07-6	See: TF6870000
23497-19-0	See: TG2830000
23497-20-3	See: TF1650000
23497-21-4	See: TD7180000
23497-22-5	See: TG0720000
23497-23-6	See: TG0760000
23498-36-4	See: OD2350000
*23498-37-5	See: OD2300000
*23504-07-6	See: FC4795000
*23505-41-1	See: TF1610000
*23509-16-2	See: CR3990000
23509-17-3	See: CR5075000
23509-21-9	See: CR5250000
23509-22-0	See: CR4375000
23509-23-1	See: CR4200000
23509-34-4	See: HP0180000
23509-36-6	See: HO9220000
23509-37-7	See: HO8758000
23510-14-7	See: DP2710000
23510-18-1	See: DP3400000
*23510-39-6	See: SZ7115000
23518-22-1	See: FE6277500
*23518-25-4	See: MJ9656000
*23521-13-3	See: VD1980000
*23521-14-4	See: VD2000000
23522-47-6	See: VI7850000
23531-31-9	See: WP3897000
*23535-89-9	See: DF4500000
*23537-16-8	See: VM1610000
*23541-50-6	See: HB7878000
*23543-02-4	See: AE4292000
*23543-07-9	See: AE1844000
*23543-10-4	See: XK8600000
*23543-14-8	See: AE4965000
*23543-34-2	See: AD9651000
23543-66-0	See: NL3677500
23545-56-4	See: KJ0205000
23545-57-5	See: KJ0182000
23545-58-6	See: KJ0190000
23545-59-7	See: TZ7381000
23545-60-0	See: TZ7457000
23545-61-1	See: TZ7495000
23545-62-2	See: TZ7533000
23545-69-9	See: TZ7419000
23545-70-2	See: TZ7500000
23546-84-1	See: KQ9009000
*23554-59-8	See: AE2470000
*23554-60-1	See: AE1255000
*23554-61-2	See: MC0536000
*23554-63-4	See: AC2760000
*23554-66-7	See: AE3772000
23554-70-3	See: CP8770000
*23557-73-5	See: QS4710000
*23557-74-6	See: QS4780000
*23557-76-8	See: CV6565000
*23557-77-9	See: CV6283000
*23557-79-1	See: CV6137200
*23557-80-4	See: CV6184000
*23557-81-5	See: CV6142600
*23557-83-7	See: CV6570000
*23560-59-0	See: TB8545000
23562-35-8	See: AN7510200
23562-36-9	See: AN7510900
23563-73-7	See: KJ1080000
23563-74-8	See: KJ0210000
23563-75-9	See: KJ0215000
23563-78-2	See: DH3475000
23563-79-3	See: KJ0440000
*23564-05-8	See: BA3675000
*23564-06-9	See: BA3650000
*23564-31-0	See: NS0985000
*23564-32-1	See: NS0984000
*23564-33-2	See: NS0987000
*23564-34-3	See: NS0994000
*23564-66-1	See: NS0992000
*23564-67-2	See: NS0982000
*23564-70-7	See: CV6264000
*23564-71-8	See: CV6132000
*23564-72-9	See: CV6134400
*23564-73-0	See: CV6136000
*23564-74-1	See: CV6136100
*23564-75-2	See: CV6136300
*23564-76-3	See: CV6136400
*23564-78-5	See: CV6134200
*23564-80-9	See: CV6137500
*23564-81-0	See: CV6136800
*23564-83-2	See: CV6137300
*23564-84-3	See: QK7255000
*23564-86-5	See: QK7260000
*23564-87-6	See: QK7127000
*23564-89-8	See: QK7174600
*23564-91-2	See: QK7250000
*23564-93-4	See: QK7265000
*23564-94-5	See: QS4800000
*23564-95-6	See: QS4730000
*23564-97-8	See: QS4790000
*23564-98-9	See: QS4740000
*23565-00-6	See: QS4750000
*23565-02-8	See: QS4760000
*23565-04-0	See: QS4770000
*23565-08-4	See: QS4700000
*23565-10-8	See: NS0980000
*23565-11-9	See: NS0986000
*23565-12-0	See: NS0995000
*23565-14-2	See: NS0989000
*23565-15-3	See: NS0990000
*23565-16-4	See: NS0991000
23571-34-8	See: NI6520000
23571-36-0	See: NI6175000
23571-38-2	See: NI5620000
23571-39-3	See: NI5550000
23571-42-8	See: NI4390000
23571-43-9	See: NI4385000
23571-47-3	See: WM7930000
23571-48-4	See: NI5630000
23571-49-5	See: NI5500000
23571-50-8	See: NI4395000
23571-58-6	See: NI3350000
*23572-32-9	See: NI2885000
23572-35-2	See: NI2922050
23572-37-4	See: NI2883600
*23573-51-5	See: NS0993000
*23573-57-1	See: CV6137400
*23578-51-0	See: RG5425000
23581-62-6	See: VD4665000
23582-54-9	See: SH2994000
23584-18-1	See: CM4327000
23585-77-5	See: NI3375000
23585-79-7	See: NI6180000
23585-80-0	See: NI5610000
*23590-99-0	See: UO7451000
23592-65-6	See: CB4450000
*23593-75-1	See: NI4377000
23595-00-8	See: CB3718000
23595-01-9	See: NK7944000
*23595-40-6	See: AE3770000
*23595-42-8	See: AE7275000
23596-25-0	See: UY8796500
23597-98-0	See: NJ5900000
23598-47-2	See: RQ2560000
23598-48-3	See: RQ3825000
23598-50-7	See: RQ3765000
23598-51-8	See: RQ3740000
23598-52-9	See: RQ3755000
23598-53-0	See: RQ3780000
23598-54-1	See: RQ3715000
23598-56-3	See: RQ2465000
23598-57-4	See: RQ3200000
23598-58-5	See: RQ2815000
23598-59-6	See: RQ2900000
23598-61-0	See: RQ3800000
23598-64-3	See: RQ3700000
23598-65-4	See: DH6160000

BEST COPY AVAILABLE

CAS No.	RTECS No.
23598-66-5	See: RQ2500000
23598-69-8	See: AM9656000
23598-89-2	See: RQ3730000
23598-91-6	See: RQ2830000
23598-92-7	See: RQ3530000
23598-93-8	See: RQ2525000
23598-98-3	See: TM8588700
23598-99-4	See: TM8588730
23600-76-2	See: UE8050000
23602-78-0	See: KL8275000
23604-21-9	See: MF5250000
23604-99-1	See: VR3530000
23605-05-2	See: FH4772000
*23605-48-3	See: AE2480000
*23606-32-8	See: VW3515000
*23609-65-6	See: VC3505000
23609-99-6	See: ES8500000
23612-46-6	See: CV5587000
23614-28-0	See: TA0455000
23614-30-4	See: TA0456000
23614-84-8	See: QL1950000
*23615-60-3	See: DL4400000
23617-24-5	See: TK6030000
23617-25-6	See: TK6040000
23617-47-2	See: UU4015620
23617-49-4	See: UU4015640
23618-00-0	See: KJ2019000
*23623-31-6	See: UZ0780000
23625-77-6	See: UU1770000
23633-05-8	See: XZ4920000
*23643-76-7	See: RJ9210000
23656-74-8	See: SH7115000
23656-75-9	See: SI0650000
23656-76-0	See: SI0670000
*23657-27-4	See: PB9100000
23666-50-4	See: QI9425000
23668-11-3	See: RT0790000
*23668-76-0	See: WH7525000
23678-44-6	See: TP2275760
23679-46-1	See: UM8320000
23693-18-7	See: SH8575000
23693-19-8	See: SH8225000
*23694-34-0	See: NT2002000
*23696-28-8	See: VD1582000
23699-81-2	See: AE5260000
23699-82-3	See: RQ2480000
23699-84-5	See: DE8387820
*23701-49-7	See: YV9397600
23711-43-5	See: DG9285000
23711-44-6	See: UQ9288000
23711-45-7	See: UQ8525000
23711-51-5	See: UQ8456000
23711-54-8	See: DG9280000
23712-05-2	See: NJ2625000
23712-07-4	See: EU4738000
*23732-01-6	See: LZ7350000
*23734-06-7	See: OS9750000
23734-64-7	See: DV5289000
*23734-88-5	See: MA4027000
*23735-15-1	See: HQ3327000
23735-17-3	See: HQ3325000
*23745-86-0	See: AH8800000
*23746-34-1	See: EY9450000
23746-39-6	See: UQ9452000
23749-87-3	See: YS2690000
23756-88-9	See: CR4725000
23757-42-8	See: NJ1750000
23766-82-7	See: UQ4880000
23766-85-0	See: VC0200000
23766-86-1	See: VC2905000
23766-89-4	See: VC3160000
23770-96-9	See: TM1081000
23771-09-7	See: EU4270000
23771-10-0	See: EU4272000
23771-12-2	See: EU5427530
23771-14-4	See: AN0532500
23771-15-5	See: AC6335300
23771-16-6	See: AM6914000
23771-18-8	See: AB6010000
23771-21-3	See: AC8010000
23771-22-4	See: AB4547650
23771-23-5	See: AN0532600
23771-30-4	See: UH0536000
23771-31-5	See: UH3140000
23771-32-6	See: UH3900000
23771-34-8	See: UH0539000
23771-35-9	See: UH4377000
23771-37-1	See: UH4428300
23771-39-3	See: UG9368000
23774-13-2	See: SG1580000
23776-23-0	See: TK8588800
23776-24-1	See: TM1401500
23776-26-3	See: TL2550000
23776-27-4	See: TM2643700
*23776-29-6	See: TM1058500
23776-31-0	See: TM2786700
23776-32-1	See: TM0855450
23776-33-2	See: TM2786650
23776-34-3	See: TM2766200
23776-35-4	See: TM2776000
23776-36-5	See: TM2785850
23776-37-6	See: TL3099500
23776-38-7	See: TM1069000
23778-34-9	See: UV1050000
23779-75-1	See: TM1081500
*23779-99-9	See: DH8520000
23784-10-3	See: UX9635000
23787-20-4	See: TY9555000
*23788-30-9	See: HQ3326000
*23790-08-1	See: TM2676000
23791-89-1	See: JH1601000
23793-23-9	See: UT5013500
23793-35-3	See: UT5012500
23795-03-1	See: DG9450000
23799-80-6	See: DL9650000
23804-72-0	See: RO0230000
23804-73-1	See: RO0360000
23804-74-2	See: RO0320000
23804-75-3	See: RO0396000
23804-80-0	See: RO0210000
23804-85-5	See: RO0380000
23804-87-7	See: RO0280000
23804-90-2	See: RO0310000
23804-91-3	See: RO0240000
23804-93-5	See: RO0330000
23804-94-6	See: RO0250000
23804-98-0	See: RO0390000
23804-99-1	See: RO0393000
23805-00-7	See: RO0298000
23809-28-1	See: NY1050000
23812-97-7	See: UZ0790000
23824-12-6	See: NW7172000
23824-29-5	See: NW7170000
23824-30-8	See: NW7162000
23824-33-1	See: NW7164000
23826-71-3	See: OB4580000
23826-72-4	See: US9500000
23826-73-5	See: US8715000
23826-74-6	See: US9000000
23826-76-8	See: US8720000
23826-77-9	See: US8745000
23826-78-0	See: UT2150000
23826-79-1	See: UT0750000
23826-80-4	See: UT2125000
23826-81-5	See: UT1350000
23826-82-6	See: US8725000
23826-83-7	See: US3300000
23826-84-8	See: US8730000
23831-22-3	See: TZ7343000
23832-18-0	See: TK4575000
*23844-24-8	See: DK1575000
23845-99-0	See: US8735000
23846-00-6	See: US8740000
*23846-85-7	See: GY8430000
23851-66-3	See: AB2962500
23851-84-5	See: VB2190000
23851-98-1	See: TM0855400
23856-17-9	See: NK7714000
23856-19-1	See: NK7716000
23856-21-5	See: NK7715000
23856-24-8	See: NK7718000
23856-27-1	See: NK7717000
23874-07-9	See: NK7719000
23883-06-9	See: AR9066000
23885-72-5	See: MC3000000
*23887-13-0	See: SZ5365000
*23887-48-1	See: UY0350000
*23887-67-4	See: VH3707550
23892-32-2	See: TL1880000
23892-33-3	See: KV2960000
23892-34-4	See: KV3060000
23892-35-5	See: KV3180000
23892-36-6	See: KV3080000
23892-37-7	See: KV3020000
23892-41-3	See: KV3120000
23892-44-6	See: KV3100000
23892-45-7	See: KV2980000
23892-47-9	See: QE0400000
23892-48-0	See: QE0430000
23892-49-1	See: TM6490000
23892-50-4	See: TL6415000
23892-51-5	See: TL6420000
23892-52-6	See: TL0320000
23892-53-7	See: TL6405000
23892-54-8	See: TL6425000
23892-57-1	See: TL6435000
23892-69-5	See: TL2500000
23892-73-1	See: KV3160000
23901-25-9	See: EU4105000
23901-26-0	See: EU3820000
23901-27-1	See: EU3740000
23902-87-6	See: OB1650000
23902-88-7	See: OB1370000
23902-89-8	See: OB1680000
23902-90-1	See: TL3031000
23902-91-2	See: OB1661000
23904-72-5	See: OB1726000
23904-73-6	See: TL3073000
23904-74-7	See: OB1690000
23904-78-1	See: TL2590000
23904-79-2	See: TL2372000
23904-81-6	See: TL2420000
23904-82-7	See: TL2417000
23904-86-1	See: TL2313000
23904-87-2	See: OB1723000
23904-88-3	See: OB1720000
23904-89-4	See: TL2320000
23904-90-7	See: TL2570000
23904-91-8	See: TL2292000
23904-92-9	See: TL2299000
23904-93-0	See: TL2351000
23904-94-1	See: TL2348000
23904-95-2	See: TL2327000
23904-97-4	See: TL2341000
23904-98-5	See: TL2460000
23905-00-2	See: TL2600000
23905-01-3	See: TL2470000
23905-02-4	See: TL2473000
23905-04-6	See: TL2540000
23905-05-7	See: TL2546000
23905-06-8	See: TL2510000
23905-07-9	See: TL2530000
23905-10-4	See: TL1760000
23905-12-6	See: TK8310000
23905-13-7	See: TL1800000
23906-86-7	See: TL6410000
23913-60-2	See: QL7490000
23915-26-6	See: NI2980000
23915-73-3	See: DJ2132000
23917-54-6	See: TL2580000
23917-55-7	See: OB1670000
*23918-74-3	See: VB4837000
*23918-75-4	See: VB4833000
23919-71-3	See: QJ9000000
23920-57-2	See: OB1710000
23921-02-0	See: KV3040000
23921-06-4	See: KV3000000
23922-87-4	See: NK8399000
23922-88-5	See: NK8398000
23922-90-9	See: NK8395000
23922-92-1	See: NK8425000
23922-94-3	See: TN2283500
23922-96-5	See: QM2822400
23923-00-4	See: QM2822800
23923-03-7	See: QM2822600
*23930-19-0	See: TU4157190
23937-97-5	See: XJ5122500
23937-98-6	See: XJ4275000
23937-99-7	See: XJ4325000
23940-88-7	See: TL1820000
23940-89-8	See: TK8280000
23941-00-6	See: TL3052000
23941-01-7	See: TL2389000
23941-02-8	See: TL2396000
23941-03-9	See: TL2285000
23941-04-0	See: TK8340000
23941-05-1	See: TL0290000
23941-06-2	See: TL3010000
23941-07-3	See: TK8370000
23941-08-4	See: TL3024000
23941-09-5	See: TL0310000
23941-10-8	See: TL2610000
23941-11-9	See: TL3066000
23941-12-0	See: TL3059000
23941-13-1	See: TL0300000
23941-14-2	See: TL2490000
23941-16-4	See: TL2560000
*23947-60-6	See: UW7380000
23948-77-8	See: DU8229000
*23950-58-5	See: CV3460000
23953-35-7	See: KV3200000
23958-95-4	See: DH2420000
23958-98-7	See: DG9882000
23959-17-3	See: DG4465000
23959-22-0	See: DH3650000
23959-27-5	See: YX5200000
23959-28-6	See: YX5150000
*23964-57-0	See: XM8511000
*23965-53-9	See: GW0759950
23966-69-0	See: DG4466000

BEST COPY AVAILABLE

CAS No.	RTECS No.
23966-71-4	See: DG4467000
23966-72-5	See: CV4570000
23966-75-8	See: CV4580000
23966-76-9	See: CV4257000
23966-79-2	See: CV2437500
23966-80-5	See: CV2435000
*23968-85-6	See: XZ5483200
*23969-17-7	See: XZ5469200
*23969-67-7	See: TT0850000
23978-09-8	See: MP4750000
23984-17-0	See: PB9201000
23996-77-2	See: TN5980000
23996-82-9	See: TN3953500
23996-86-3	See: CO1760000
23996-94-3	See: BP8245000
24017-17-2	See: TA7175000
24017-18-3	See: TA7525000
24017-20-7	See: TA6650000
24017-24-1	See: TA5775000
*24017-47-8	See: TF5635000
24019-05-4	See: DB5075000
24021-49-6	See: AB4543000
24021-89-4	See: CV4220000
24022-35-3	See: DH2410000
24022-37-5	See: DG9881000
24026-35-5	See: AB4544000
*24027-84-7	See: DJ8240000
24028-40-8	See: XI4819800
24033-18-9	See: NI3000000
24042-30-6	See: TL3038000
24042-31-7	See: TL2358000
24050-09-7	See: XJ5953000
24050-10-0	See: XJ6094070
24050-11-1	See: XJ6023200
24050-16-6	See: XJ6061000
24050-97-3	See: XJ5122000
24050-99-5	See: XJ4700000
24051-00-1	See: XJ4350000
24051-01-2	See: XJ4300000
24054-57-7	See: XZ4925000
24054-89-5	See: SO2570000
24054-90-8	See: SP0692000
24054-91-9	See: HM0438300
24054-92-0	See: HM0439500
24054-93-1	See: HM0438800
24060-94-4	See: UT5035000
24063-41-0	See: DH3660000
24065-33-6	See: XM8400000
24066-82-8	See: AI5020000
*24072-75-1	See: DL1680000
24082-36-8	See: SZ5860000
*24089-00-7	See: RH3560000
24095-80-5	See: VT3350000
*24096-53-5	See: WN2500000
24109-52-2	See: NT2003000
24119-95-7	See: MB4550000
24121-17-3	See: YM3403000
*24124-25-2	See: WH8585000
24126-20-3	See: XY6860000
24138-44-1	See: BP6421000
24139-56-8	See: RZ2474000
24140-98-5	See: HQ4150000
24141-01-3	See: HQ4220000
*24143-08-6	See: AC6492000
24143-17-7	See: DF2800000
24146-48-3	See: XJ5131620
*24151-93-7	See: TE3690000
24155-34-8	See: AM9223000
24155-42-8	See: NI5485000
24155-45-1	See: NI5470000
24155-47-3	See: NI5684000
24158-54-1	See: GY3930000
24159-09-9	See: NQ4552000
24159-11-3	See: NQ4556000
24159-12-4	See: UE9550000
*24159-23-7	See: VA3450000
*24166-13-0	See: RQ5831350
24167-33-7	See: DL9835000
24167-36-2	See: DL9883000
24167-40-6	See: DL9840000
*24168-96-5	See: NI4772000
24183-94-6	See: RB6540000
24191-76-2	See: RN7040000
24191-79-5	See: RN7005000
24191-80-8	See: RN7045000
*24201-58-9	See: RP8480000
*24204-13-5	See: QD1725000
24206-64-2	See: UH3325000
24206-66-4	See: UH2275000
24206-67-5	See: UH1750000
24206-68-6	See: UG7525000
24206-69-7	See: UH1050000
24206-70-0	See: UG9540000
24206-71-1	See: UH1400000
24207-38-3	See: VN7490000
24210-94-4	See: UH1225000
24210-96-6	See: UH4200000
24210-97-7	See: UH4115000
24210-98-8	See: UH3150000
24210-99-9	See: UG7875000
24211-64-1	See: EW8625000
24215-47-2	See: NQ4553000
24220-15-3	See: VC3545000
24220-16-4	See: VC3610000
24220-17-5	See: VC3603000
24220-18-6	See: VC3606000
24221-86-1	See: KB1925000
24227-05-2	See: TM7237200
24227-06-3	See: TM7237100
*24237-54-5	See: XJ9088300
24239-57-4	See: UH0952000
24239-79-0	See: ZE5250000
24245-27-0	See: MF1225000
24247-73-2	See: RN7065000
24247-74-3	See: RN7060000
24255-56-9	See: XH5909000
24258-94-4	See: TM7237150
24261-66-3	See: UG7700000
24268-87-9	See: AR6990000
24268-89-1	See: AR7040000
*24279-91-2	See: DK3400000
24280-45-3	See: TL1380000
*24280-93-1	See: MP8050000
*24281-43-4	See: WT3515000
*24283-57-6	See: DV2050000
24286-42-8	See: SH3910000
24286-43-9	See: SH2400000
24286-44-0	See: SH3900000
*24292-52-2	See: FL7085000
24301-86-8	See: DP4950000
*24301-89-1	See: SI2300000
24305-27-9	See: TW3580000
*24307-26-4	See: TN4939200
*24312-44-5	See: AB4592800
*24321-47-9	See: YV0995560
24333-19-5	See: SH3050000
24340-10-1	See: AJ3349000
24340-12-3	See: AF4948000
24340-13-4	See: UF5445000
24340-14-5	See: UF3349000
24340-16-7	See: ET1430000
24340-17-8	See: YV7748000
24340-18-9	See: YV7388000
24340-19-0	See: MO8401000
24340-20-3	See: MO7705000
24340-21-4	See: MO8438000
24340-22-5	See: MO6900000
24340-24-7	See: ET5780000
24340-25-8	See: ET1770000
24340-26-9	See: ET1530000
24340-27-0	See: MO8410000
24340-28-1	See: MO7850000
24342-44-7	See: MD3210000
24342-45-8	See: AM9820000
24342-46-9	See: AM9490000
24342-47-0	See: AM9480000
24342-51-6	See: MD2701000
24342-55-0	See: HM3801000
*24345-16-2	See: CD6899900
24346-12-1	See: DP0775000
24346-19-8	See: MD2722000
24346-20-1	See: MD3250000
24346-21-2	See: MD2720000
24346-22-3	See: AM9488000
24353-58-0	See: AE1300000
24353-88-6	See: TY9585000
*24356-60-3	See: XI0382000
*24356-66-9	See: AU6210000
*24356-94-3	See: TU5011700
24357-99-1	See: DO1350000
24358-35-8	See: QF1575000
24358-84-7	See: TK6400000
24365-47-7	See: YV4205000
*24365-61-5	See: UY1781700
24370-25-0	See: YR8942000
24380-21-0	See: KF5796000
24388-85-0	See: YV4300000
*24393-94-0	See: YC9950500
*24394-09-0	See: LY4300000
24394-55-6	See: SF7927000
24396-93-8	See: GU4670800
24396-96-1	See: CP8290000
24397-01-1	See: UY4320000
24397-06-6	See: BP7502500
*24397-89-5	See: NQ7800000
24407-35-0	See: MD3550000
*24423-68-5	See: OW2800000
24426-21-9	See: IE2098000
24426-36-6	See: NT8575000
24428-95-3	See: CD3030000
*24432-00-6	See: RC8899100
24441-47-2	See: TA4300000
24441-57-4	See: TA3850000
24441-77-8	See: EU3575000
24446-48-8	See: ES4393000
*24458-48-8	See: BY5760000
24459-79-8	See: TK6050000
24463-19-2	See: CA9600000
24464-06-0	See: NM7505000
*24468-13-1	See: FG3660000
24472-57-9	See: TJ7559000
24472-58-0	See: TJ7557000
24472-59-1	See: TJ7554000
24472-63-7	See: XO1320000
*24477-37-0	See: YS7609600
*24480-59-9	See: YE2177000
24483-78-1	See: CX7206000
24483-96-3	See: TH2100000
*24485-90-3	See: SA3680000
24487-50-1	See: SJ9750000
*24502-76-9	See: LZ5985000
24502-78-1	See: QL8001000
24502-79-2	See: EM9252400
24503-78-4	See: RP1990000
24526-64-5	See: NX4912700
*24536-75-2	See: TK7909900
24539-87-5	See: YU1375000
*24543-59-7	See: RN6800500
*24544-04-5	See: BX4025000
24545-81-1	See: XP0200000
*24549-06-2	See: BY5600000
24554-22-1	See: SO9200000
*24554-26-5	See: LQ3150000
24570-09-0	See: HP1337000
24570-10-3	See: BP6401000
24570-11-4	See: BP6403000
24570-12-5	See: BP6404000
*24573-30-6	See: TY4203000
*24577-75-1	See: LZ9830000
24579-91-7	See: OW0175000
*24584-09-6	See: TL6390000
24585-99-7	See: MD3220000
24586-96-7	See: MF1050000
*24587-41-5	See: YN7405800
24588-90-7	See: SI7772000
24588-91-8	See: SI7916000
24588-94-1	See: UB3550000
24588-96-3	See: UB4155000
24588-98-5	See: UB8900000
24588-99-6	See: UB8890000
24589-00-2	See: UB8660000
*24589-39-7	See: MO7775000
*24589-41-1	See: TN5950040
*24589-43-3	See: MO7794000
*24589-60-4	See: TO7882000
*24589-61-5	See: YV6505000
24589-78-4	See: AC9800000
*24590-26-9	See: BP7647500
24591-36-4	See: SI7795000
24591-37-5	See: SI7765000
24591-38-6	See: SI7905000
24591-39-7	See: SI7947000
24591-40-0	See: SI7945000
24591-42-2	See: UI1700000
24591-43-3	See: UI0910000
24591-46-6	See: UY1780000
24591-47-7	See: TN2260000
24591-48-8	See: QE8510000
24591-49-9	See: SI7755000
*24596-38-1	See: BX2275000
*24596-39-2	See: BW9625000
*24596-41-6	See: BW9800000
*24600-36-0	See: DM0450000
*24602-86-6	See: QE2705000
*24606-84-6	See: RP5463000
*24606-87-9	See: RP5463500
*24606-90-4	See: RP5464500
*24606-91-5	See: RP5464000
*24606-92-6	See: RP5465000
*24606-93-7	See: RP5460000
*24606-95-9	See: RP4389350
24608-95-5	See: UE4089000
24608-96-6	See: UE4087000
24608-97-7	See: UE4085000
*24613-89-6	See: GB2850000
24620-79-9	See: KV3317000
*24623-77-6	See: BD0950000
24625-45-4	See: TN4254500
24631-46-7	See: MU2670000
24631-54-7	See: HM2802000

BEST COPY AVAILABLE

CAS No.	RTECS No.
24631-64-9	See: HY2700000
24632-47-1	See: TK7906700
24632-48-2	See: TK7906770
24632-53-9	See: LT7350000
24632-55-1	See: LT7295000
24632-58-4	See: LT7255000
24632-59-5	See: LT7390000
24632-60-8	See: LT7570000
24632-63-1	See: LT7486000
24637-21-6	See: LT7455000
24637-22-7	See: LT7275000
24637-23-8	See: LT7265000
24637-24-9	See: LT7535000
24637-26-1	See: LT7326000
24638-56-0	See: XY5825000
*24645-20-3	See: UF0654000
24653-14-3	See: TP2497180
24656-22-2	See: TN3781000
24664-51-5	See: AE4957000
24664-52-6	See: DH4010500
24664-56-0	See: UQ9652500
24664-57-1	See: UQ9288600
24664-64-0	See: AE2600000
24665-75-6	See: UQ9286000
24665-76-7	See: UQ9285000
24665-77-8	See: UQ8457000
24665-81-4	See: UQ8655000
24665-83-6	See: UQ8535000
24676-80-0	See: RD1575000
*24684-41-1	See: GY5400000
*24684-42-2	See: GY5765000
*24684-56-8	See: GY5730000
24688-39-9	See: UV7710000
*24690-48-8	See: BX7700000
*24691-76-7	See: UP7985000
*24691-80-3	See: LT8520000
*24695-54-3	See: CM4310650
24699-40-9	See: TN3780000
24699-55-6	See: WH0191000
24699-80-7	See: TZ7475000
24702-30-5	See: WQ6150000
24702-44-1	See: UQ9288500
24704-41-4	See: AH4200000
*24727-23-9	See: WY2628000
*24729-96-2	See: GF2625000
*24735-35-1	See: ZI0350000
*24736-01-4	See: TF7850000
24740-84-9	See: HO7643070
*24751-69-7	See: AU7400000
24759-02-2	See: HO7642000
*24765-68-2	See: UA9840000
*24771-52-6	See: UB8810000
24775-57-3	See: YT9200000
24781-13-3	See: VO6150000
24800-44-0	See: YK6825000
24812-96-2	See: BZ4520000
24813-03-4	See: TM4924000
24813-06-7	See: CV2356500
24813-07-8	See: CV2354800
24813-10-3	See: DG4419200
24813-13-6	See: BW8540000
*24815-24-5	See: ZG0700000
*24818-79-9	See: BD0348000
*24829-11-6	See: RA6475000
24830-45-3	See: DG4418700
24830-47-5	See: CV2356000
24830-50-0	See: DG4424700
24830-94-2	See: BA4050000
24838-84-4	See: TA5600000
24841-80-3	See: XM7395000
24841-82-5	See: XM7385000
24841-87-0	See: XM7370000
*24845-21-4	See: FL7004000
*24845-22-5	See: FL7005000
*24845-25-8	See: FL7040000
*24845-27-0	See: FL7035000
24848-81-5	See: ED5960000
24860-40-0	See: XY6880000
24860-74-0	See: SA8580000
24860-77-3	See: EL8500000
24860-78-4	See: SAB800000
24860-79-5	See: UC1600000
24863-38-5	See: DD6205300
*24885-48-1	See: SJ8270000
*24891-41-6	See: CX4725000
24898-62-2	See: UY0282000
*24902-02-1	See: DF3518000
*24909-09-9	See: DJ5010000
24910-84-7	See: AS8050000
*24915-04-6	See: NX6874000
24916-50-5	See: WG9405000
24916-51-6	See: WG9413000
*24916-52-7	See: WG9415000
24921-64-0	See: QD1845000
24926-44-1	See: UO8975000
24926-50-9	See: UO7521000
24926-55-4	See: UO8930000
24926-58-7	See: UO8585000
24926-63-4	See: UO8460000
24926-68-9	See: UO8480000
*24928-15-2	See: GZ0651000
*24928-17-4	See: GZ0653000
24932-78-3	See: UO8595000
24932-79-4	See: UO8520000
24932-86-3	See: UO8490000
24932-87-4	See: UO7523000
24932-89-6	See: UP0782000
24933-04-8	See: UO8590000
24933-13-9	See: UO7455000
24933-18-4	See: UO9075000
*24934-91-6	See: TD5170000
24936-38-7	See: AU7482700
24938-91-8	See: YD4571000
*24939-03-5	See: TR0175000
24951-02-8	See: UO9055000
24951-05-1	See: UO8510000
24955-83-7	See: NL7732000
*24961-39-5	See: CW0380000
*24963-28-8	See: DM4907000
24963-29-9	See: DM4910000
24963-36-8	See: DM4920000
24967-93-9	See: GA8431500
24973-24-8	See: SH5650000
24973-25-9	See: SH3145000
24973-29-3	See: SH3240000
24973-30-6	See: SH8950000
*24973-31-7	See: SH7725000
24973-32-8	See: SI2500000
*24991-55-7	See: MC9630000
*24996-51-8	See: SL1875000
24996-52-9	See: FC0350000
24999-30-2	See: MH6170000
25007-79-8	See: XY7062000
*25013-15-4	See: WL5075000
*25013-15-4	See: WL5075200
*25013-16-5	See: SL1945000
*25013-82-5	See: AG3050000
25017-28-1	See: YT8400000
25017-29-2	See: YT8380000
25017-47-4	See: YS9863000
25027-85-4	See: AN7508000
25027-86-5	See: AN7510850
25027-87-6	See: AN7510500
*25038-54-4	See: TQ9800000
*25038-59-9	See: TR2725000
*25046-79-1	See: NY2350000
*25056-70-6	See: AJ9450000
25057-79-8	See: UU6955000
*25057-89-0	See: DK9900000
*25061-77-2	See: SF7353900
*25068-38-6	See: SL6310000
*25068-38-6	See: SL6475000
*25068-38-6	See: SL6480000
*25068-38-6	See: SL6321000
*25068-38-6	See: KC2625000
*25068-38-6	See: KC2450000
25068-38-6	See: KC2100000
25068-95-5	See: SH5660000
25068-96-6	See: SH3100000
25068-97-7	See: SH2440000
25070-79-5	See: FD7690000
25082-68-2	See: TF9350000
*25103-09-7	See: AI7300000
25103-12-2	See: TH1150000
*25103-58-6	See: JR3150000
*25122-46-7	See: TU3725000
*25122-57-0	See: TU4154083
25129-91-3	See: AY8940000
*25134-21-8	See: RB9100000
25136-53-2	See: TY2680000
*25136-55-4	See: JH0350000
25144-78-9	See: PB8725000
*25148-26-9	See: CA9630000
*25150-61-2	See: UY1300000
*25150-69-0	See: BO8785620
*25151-00-2	See: WH6785000
*25152-85-6	See: DH1442500
*25154-52-3	See: SM5600000
*25154-54-5	See: CZ7340000
*25154-55-6	See: SM1920000
25155-18-4	See: CP1300000
25155-23-1	See: ZE8320000
*25155-25-3	See: SD8431900
*25155-30-0	See: DB6825000
25161-57-3	See: PB8560000
*25162-00-9	See: QS5260000
25163-62-6	See: UX1200000
*25167-20-8	See: KI8221000
25167-31-1	See: CM6820000
*25167-67-3	See: EM2893000
*25167-70-8	See: SB2717000
*25167-82-2	See: SN1290000
25167-83-3	See: SM9100000
*25167-88-8	See: KI0995000
*25167-93-5	See: CZ0855000
*25168-04-1	See: ZE4682000
*25168-15-4	See: AJ8520000
*25168-24-5	See: WH6719000
*25168-26-7	See: AG8575000
25171-63-5	See: XI9625000
25174-57-6	See: TL2382000
25174-61-2	See: TM2786750
25174-65-6	See: OB1228000
25174-66-7	See: OB1640000
25177-50-8	See: UR8600000
25179-26-4	See: JM5755000
*25182-84-7	See: UB8752200
25186-92-9	See: WS2400000
25198-75-8	See: GX9000000
25201-40-5	See: MI5475000
*25217-59-8	See: YV6493600
*25221-20-9	See: UU2989000
*25229-42-9	See: GU6940000
*25231-46-3	See: XT7350700
*25231-46-3	See: XT6275000
*25231-47-4	See: SL3500000
25232-42-2	See: NI8712000
25238-94-2	See: CV4360000
25251-62-1	See: BO9456000
25253-30-9	See: GL0525000
25254-67-5	See: XY4400000
25255-23-6	See: VM0350000
25265-19-4	See: RW9085000
*25265-19-4	See: RW9095000
*25265-68-3	See: LU6208000
25265-77-4	See: UF6000000
*25267-15-6	See: TQ1750000
*25267-55-4	See: SN2030000
25287-79-0	See: UH0950000
25294-71-7	See: UF6250000
*25301-02-4	See: SM9750000
25303-05-3	See: MF5425000
*25310-48-9	See: OW5750000
*25311-71-1	See: VO4395500
25314-75-4	See: DG8967500
25314-87-8	See: DG8555000
*25316-40-9	See: QI9295900
*25319-90-8	See: AG2650000
*25321-09-9	See: CZ6330000
*25321-14-6	See: XT1300000
*25321-41-9	See: ZE4725000
*25322-14-9	See: LL9097000
*25322-20-7	See: KI8400000
*25322-68-3	See: TQ3500000
*25322-68-3	See: TQ3610000
*25322-68-3	See: TQ4030000
*25322-68-3	See: TQ3620000
*25322-68-3	See: TQ3850000
*25322-68-3	See: TQ4040000
*25322-68-3	See: TQ4100000
*25322-68-3	See: TQ4950000
*25322-68-3	See: TQ3600000
*25322-68-3	See: TQ4025000
25322-68-3	See: TQ3800000
*25322-68-3	See: TQ3630000
*25322-68-3	See: TQ4027000
*25322-68-3	See: TQ4110000
*25322-68-3	See: TQ4050000
*25322-68-3	See: TQ3675000
*25322-69-4	See: TR6200000
*25322-69-4	See: TR5300000
25322-69-4	See: TR5600000
*25322-69-4	See: TR6125000
*25322-69-4	See: TR5950000
*25322-69-4	See: TR6220000
*25322-69-4	See: TR5425000
*25322-69-4	See: TR5775000
*25322-69-4	See: TR6210000
*25322-69-4	See: TR5250000
*25322-69-4	See: OE5784360
*25323-30-2	See: KV9250000
*25323-68-6	See: DV8809000
*25324-56-5	See: XQ4050000
*25329-35-5	See: GY1520000
25332-09-6	See: US9800000
25332-16-5	See: OB2100000
*25332-39-2	See: YM1431000
25333-83-9	See: UC1950000
25334-45-6	See: TB6110000
*25339-16-6	See: RH6620000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
25339-17-7	See: NR0960000
25339-56-4	See: MJ8850000
*25339-57-5	See: EI9150000
25339-90-6	See: GE5570000
*25340-17-4	See: CZ5600000
25340-18-5	See: DC2490000
25343-91-3	See: XM3015000
25350-44-1	See: KJ1055000
25350-46-3	See: KJ2534000
25351-18-2	See: BT1820000
25354-97-6	See: HD9750000
25356-83-6	See: GE1100000
25356-84-7	See: GE1075000
25356-85-8	See: GE1145000
25357-01-1	See: GE1130000
25357-02-2	See: GE1085000
25357-03-3	See: GE1065000
25357-05-5	See: GE1150000
25361-54-0	See: TA1860000
25366-23-8	See: XI3760000
*25366-56-7	See: XZ5469000
*25366-57-8	See: XZ5469400
*25367-06-0	See: HA5304500
*25367-10-6	See: HA5304600
25369-78-2	See: DE1605000
25369-81-7	See: DD8250000
25372-22-9	See: NI8517000
*25374-67-8	See: HA5304000
25374-69-0	See: HA5302000
*25376-45-8	See: XS9445000
*25376-57-2	See: TU1575000
*25377-72-4	See: SB2179000
*25377-73-5	See: WN1225000
25377-76-8	See: XJ6650000
*25377-83-7	See: RH2190000
25378-27-2	See: JX3820000
25378-52-3	See: UV0405000
25384-33-2	See: TZ0375000
25384-35-4	See: TZ0475000
25384-39-8	See: TZ0225000
25384-40-1	See: TZ0525000
25384-43-4	See: TY9780000
25384-49-0	See: TY3880000
25384-53-6	See: TY3685000
25384-55-8	See: TY6745000
25384-56-9	See: TY6380000
25384-57-0	See: TY6360000
25384-61-6	See: TY6420000
25384-67-2	See: TY6725000
25384-68-3	See: TY6715000
25384-69-4	See: TY6730000
25384-70-7	See: TY6720000
25384-72-9	See: TY6735000
25384-73-0	See: TY6705000
25384-74-1	See: TY9705000
25384-75-2	See: TY9645000
25384-76-3	See: TY9765000
25384-77-4	See: TY9390000
25384-78-5	See: TY9735000
25384-79-6	See: TY9405000
25384-80-9	See: TY9750000
25384-85-4	See: TY9690000
25384-86-5	See: TY9660000
25384-89-8	See: TY9630000
25384-95-6	See: TY8030000
25384-96-7	See: TY8010000
25384-97-8	See: TY7950000
25384-98-9	See: TY8050000
25384-99-0	See: TY7990000
25385-00-6	See: TY3792000
25385-01-7	See: TY3769000
25385-02-8	See: TY3800000
25385-03-9	See: TY3783000
25385-05-1	See: TY3809000
25385-06-2	See: TY3746000
25385-07-3	See: TY3802000
25385-08-4	See: TY3785000
25385-09-5	See: TY3739000
25385-10-8	See: TY3816000
25385-12-0	See: TY7800000
25385-13-1	See: TY9360000
25385-17-5	See: TY5340000
25385-19-7	See: TY5270000
25385-20-0	See: TY5320000
25385-21-1	See: TY6765000
25385-22-2	See: TY6690000
25385-23-3	See: TY3630000
25385-24-4	See: TY3620000
25385-26-6	See: TY3640000
25387-67-1	See: EX1650000
25389-42-8	See: LL6460000
*25389-94-0	See: NZ3225030
25389-99-5	See: QP4100000
25390-16-3	See: FH4580000
25390-20-9	See: TP8680000
25390-44-7	See: UV0885000
25390-47-0	See: UV0647000
25393-98-0	See: CY8440000
25394-20-1	See: LL6420000
25395-31-7	See: AK3325000
*25395-41-9	See: QT1964000
*25401-93-8	See: UA9170000
25402-06-6	See: GZ1540000
25404-20-0	See: UE4950000
25405-85-0	See: GZ0591850
25408-91-7	See: UM0867000
25410-61-1	See: HP1335000
25410-63-3	See: HP1148500
25410-64-4	See: HP1149000
25410-65-5	See: HP1370000
25410-67-7	See: HP1314000
25410-69-9	See: HP1315000
25410-71-3	See: UY0733000
25411-96-5	See: RO8140000
25411-98-7	See: RP1400000
*25413-64-3	See: EJ4100000
25417-20-3	See: QK1440000
25423-20-5	See: TY6430000
*25425-12-1	See: UQ1235000
25426-60-2	See: KI7400000
*25430-97-1	See: WH7210000
25433-43-6	See: BO6950000
25433-44-7	See: BQ6890300
25433-45-8	See: BQ5100000
25433-46-9	See: BO6822390
25433-47-0	See: BQ6840000
25433-49-2	See: BO6822320
25433-50-5	See: BQ6830000
25433-51-6	See: BQ2034030
25433-52-7	See: BO6822300
25433-53-8	See: BQ6864000
*25433-67-4	See: UI0854000
*25433-68-5	See: UY1329370
*25433-79-8	See: UY1780400
*25433-81-2	See: SM8335000
*25433-83-4	See: YE2240000
*25433-87-8	See: UY1343000
25435-32-9	See: LU5807000
25435-33-0	See: LU5900000
25435-34-1	See: LU5880000
25435-35-2	See: LU5890000
25435-36-3	See: LU5808000
25435-37-4	See: LU5809300
25435-38-5	See: LU5930000
25435-39-6	See: LU5910000
25435-40-9	See: LU5920000
25435-41-0	See: LU5809000
25435-42-1	See: BQ6896000
*25439-33-2	See: UY1382000
*25439-42-3	See: UY1781900
*25439-45-6	See: UY0888000
*25439-49-0	See: UY2606000
*25447-65-8	See: KE1099000
25450-02-6	See: BP4974300
25450-04-8	See: BP6405000
25450-88-8	See: TY6750000
25450-89-9	See: TY3610000
25450-90-2	See: TY3677000
25450-91-3	See: TY6685000
25450-92-4	See: TY6680000
25450-94-6	See: TY6740000
25451-05-2	See: TY4400000
25451-06-3	See: TY3905000
25451-07-4	See: TY5825000
25451-08-5	See: TY6780000
25451-11-0	See: TZ1120000
25451-12-1	See: TY3580000
25451-13-2	See: TY3590000
25451-15-4	See: TZ1070000
25451-38-1	See: TY6695000
25451-39-2	See: TY2650000
25451-43-8	See: TY5380000
25451-47-2	See: TZ1130000
25451-50-7	See: GY4220000
25451-52-9	See: TY3570000
25451-56-3	See: TY3753000
25451-58-5	See: TY7815000
25451-63-2	See: TY6330000
25451-76-7	See: TY9345000
25451-78-9	See: TY6340000
25462-14-0	See: TZ0575000
25462-19-5	See: TY7770000
25462-21-9	See: TY3600000
25462-22-0	See: TZ1000000
25462-23-1	See: TZ0980000
25462-25-3	See: TY8820000
25462-33-3	See: TY6810000
25462-42-4	See: TY7785000
25462-43-5	See: TY7835000
25462-44-6	See: TY3852000
25462-45-7	See: TY3730000
25462-46-8	See: TY9300000
25462-47-9	See: TY9310000
25462-48-0	See: TY8860000
25462-49-1	See: TY8840000
25466-46-0	See: TY8880000
25468-22-8	See: US2168000
25476-46-4	See: TG1400000
25476-48-6	See: TF9000000
25480-68-6	See: TY5280000
25480-69-7	See: TY6760000
25481-21-4	See: AH4850000
25485-89-6	See: VO3335000
*25486-91-3	See: CX3150000
*25486-92-4	See: FZ3325000
*25487-36-9	See: UU3874970
*25487-38-1	See: UU4190000
25487-66-5	See: CY8750000
25490-68-0	See: QB3170000
*25497-29-4	See: KH7630300
25497-30-7	See: KH9370000
25498-49-1	See: UB8070000
25501-35-3	See: UF2032780
25505-98-0	See: NY3385000
25505-99-1	See: NY3375000
25506-00-7	See: NY3370000
25506-01-8	See: NY3380000
25506-06-3	See: NY3390000
*25513-46-6	See: MA1700000
25514-67-4	See: NL6100000
25524-54-3	See: YU4970000
25524-55-4	See: YU4930000
25524-56-5	See: YU4920000
25524-58-7	See: YU4940000
25524-59-8	See: YU4980000
25524-61-2	See: YU4950000
25524-62-3	See: YU4910000
*25525-87-5	See: HM3656000
*25535-16-4	See: SF7949600
25537-46-6	See: SZ8000000
25537-69-3	See: LU5809500
25546-65-0	See: WK2299000
*25550-55-4	See: CZ7850000
*25550-58-7	See: SL2627000
*25550-58-7	See: SL2625000
*25551-13-7	See: DC3220000
*25552-58-3	See: CV5376200
25554-84-1	See: FG1300000
25555-11-7	See: MD3200000
25555-13-9	See: MD3212000
25555-15-1	See: MD3330000
25555-20-8	See: AM9486000
25555-21-9	See: AM9454000
25555-22-0	See: AM6912000
25555-23-1	See: AM9652000
25555-25-3	See: AM9660000
25555-27-5	See: AM9810000
25555-28-6	See: AM9484000
25555-29-7	See: AM9452000
25555-30-0	See: AM6910000
25559-50-6	See: AE1880000
25561-34-6	See: AM9650000
25561-35-7	See: AM9665000
25561-37-9	See: AM9670000
25561-39-1	See: AM9472000
25561-40-4	See: AM9290000
25561-41-5	See: AM6602000
25561-43-7	See: AM9494000
25561-44-8	See: AM9492000
25561-46-0	See: AM9474000
25561-47-1	See: AM9470000
25561-52-8	See: AM9478000
25561-55-1	See: AM9285000
25561-56-2	See: AM6600000
25561-57-3	See: AM9476000
25561-58-4	See: AM9482000
*25562-43-0	See: DG5620600
*25566-92-1	See: PA8440000
*25567-67-3	See: CZ0490000
25575-53-5	See: VT3277400
25575-54-6	See: VT3275900
25575-57-9	See: VT3455000
*25601-84-7	See: TC4025000
25603-34-3	See: AR9063700
25611-78-3	See: SI2299000
*25614-03-3	See: KE8250000
25614-78-2	See: YR6650000
25616-72-2	See: XO1300000
25616-81-3	See: XO1576000
25616-82-4	See: XO1280000

CAS No.	RTECS No.
25619-54-9	See: QM4450000
*25620-58-0	See: MO1451200
25625-62-1	See: VD2625000
25633-33-4	See: FH4906200
25635-68-1	See: YS1950600
25639-25-2	See: KO3500000
*25639-42-3	See: GW0175000
*25641-53-6	See: GP1049300
*25641-53-6	See: GP1049000
25642-73-3	See: TY5875000
25642-75-5	See: TY3760000
25642-76-6	See: TY3762000
25642-78-8	See: TY9615000
25642-80-2	See: TY9600000
25642-81-3	See: TY9720000
25648-66-2	See: TY9465000
25648-69-5	See: TY9480000
25648-74-2	See: TY9450000
25648-78-6	See: TY9435000
25648-79-7	See: TY9525000
25648-84-4	See: TY7970000
25648-87-7	See: TY5310000
25648-88-8	See: TY6755000
25648-90-2	See: TY5300000
25648-96-8	See: TZ0275000
25649-03-0	See: TZ0425000
25649-04-1	See: TY3870000
25651-43-8	See: CQ0461500
25652-04-4	See: TY5290000
25652-07-7	See: TY9495000
25652-10-2	See: TY5350000
25655-41-8	See: TR1579600
25658-37-1	See: TY9510000
25658-39-3	See: TY9540000
25658-40-6	See: TY9420000
25658-52-0	See: XO1250000
25659-22-7	See: MP8660000
*25667-42-9	See: TR4735000
*25677-40-1	See: GW1966000
25679-28-1	See: BZ9100000
*25683-07-2	See: QB1804400
25687-87-0	See: EL9800000
25689-71-8	See: YU4960000
*25704-18-1	See: DB8550000
25704-81-8	See: JE2312000
25706-61-0	See: BS1095000
25709-16-4	See: CU8830000
25709-18-6	See: MF0380000
25709-19-7	See: MF6685000
25709-20-0	See: ME8550000
*25711-26-6	See: WH8585250
*25712-62-3	See: UU3879900
*25712-65-6	See: UU2740000
25717-05-9	See: UE2992000
*25717-80-0	See: WU7677400
25723-52-8	See: KV5425000
25724-11-2	See: MO4375000
*25724-33-8	See: UP8750000
*25724-34-9	See: UQ1450000
*25724-35-0	See: GV8400000
*25724-50-9	See: UQ6825000
25724-54-3	See: MO2675000
25724-58-7	See: TI0545000
25724-60-1	See: WM5250000
*25726-97-0	See: UQ8050000
*25726-99-2	See: UG0525000
25728-47-6	See: GA5775000
*25732-74-5	See: GY5855000
*25736-79-2	See: YP8670000
25736-79-2	See: YP8680000
*25736-79-2	See: YP8660000
25741-81-5	See: YH2720000
*25756-29-0	See: GV6300000
*25756-33-6	See: KL6420000
*25759-76-6	See: ET6090000
25759-84-6	See: FE1150000
25772-96-7	See: DC7504600
25782-06-3	See: LK8235000
25782-07-4	See: LK8365000
*25782-30-3	See: LK9275470
25784-85-4	See: UC3200000
25791-96-2	See: MD0915000
*25796-01-4	See: UT6305000
25800-54-8	See: CI9076000
25800-55-9	See: CI9078000
*25800-59-3	See: MA2830000
*25803-14-9	See: NL3490000
*25803-21-8	See: NL3530000
*25806-71-7	See: SZ4210100
*25808-74-6	See: VV8450000
*25812-30-0	See: YV7120000
25813-25-6	See: UU7710000
25816-88-0	See: AD0334000
*25827-76-3	See: SA3678000
25837-26-7	See: EV6500000
25837-29-0	See: XH5093850
*25843-45-2	See: PA2975000
25843-64-5	See: VC3537000
25850-49-1	See: CY8430000
25850-52-6	See: OD5350000
*25852-70-4	See: WH6790000
*25868-47-7	See: WH7254000
25871-99-2	See: AT7191000
25872-00-8	See: AT7193000
*25872-02-0	See: AT5243000
25872-67-7	See: UH4386300
*25872-68-8	See: UH1815000
*25875-51-8	See: ME8650000
25876-07-7	See: LT0875000
25876-10-2	See: LY2468000
25876-11-3	See: LY2840000
25876-47-5	See: LT1925000
25878-32-4	See: YU7435000
25890-80-6	See: AS7875000
*25890-94-2	See: BX3537000
*25890-96-4	See: BX3536000
*25890-97-5	See: BX3539000
*25890-98-6	See: BX4990000
*25890-99-7	See: BX4030000
*25891-00-3	See: BX3538000
25898-71-9	See: MR0182000
25902-35-6	See: GV9800000
25905-61-7	See: NL5160070
25911-25-5	See: GV8820000
25912-20-3	See: VC7900000
25913-45-5	See: QK0330000
25913-46-6	See: QK0345000
25913-47-7	See: TN1990000
25913-49-9	See: QK0325000
25913-50-2	See: TN1290000
25913-53-5	See: TN1280000
25913-54-6	See: QK0375000
25913-55-7	See: QK0355000
25913-56-8	See: QK0321000
*25916-47-6	See: UD3360000
25923-97-1	See: TD4950000
25928-94-3	See: KD4200000
*25930-79-4	See: VT1740000
25932-11-0	See: DA9135000
25938-97-0	See: DG4455200
25939-02-0	See: DM6642000
*25939-05-3	See: DM6700000
25939-12-2	See: DM6635210
25939-13-3	See: DM6661000
25939-14-4	See: DM6636700
25946-86-5	See: SO1050000
25946-89-8	See: SO1225000
*25951-54-6	See: KU8800000
25952-53-8	See: FF2200000
25953-06-4	See: SL0560100
*25953-19-9	See: XI0389900
25954-13-6	See: BQ4112000
*25956-17-6	See: QK2260000
25956-83-6	See: TP2497210
*25967-29-7	See: DF0650000
*25991-93-9	See: FG3920000
25999-20-6	See: GP4180000
*25999-31-9	See: GP4000000
*26006-71-3	See: WE3920000
26007-43-2	See: RC0190000
*26011-83-6	See: GD9001000
*26016-98-8	See: SZ7895000
*26016-99-9	See: SZ7902000
*26027-38-3	See: RB1525000
26034-16-2	See: ME3614000
26035-98-3	See: UY8980000
26036-16-2	See: VT3275000
*26037-72-9	See: OW5350000
*26043-11-8	See: QR7000000
*26047-03-0	See: LU4700000
*26049-68-3	See: XJ4900000
*26049-69-4	See: XJ4600000
*26049-70-7	See: XJ5075000
*26049-71-8	See: XJ2880000
26055-63-0	See: CX4901000
*26058-50-4	See: UY4550400
26058-51-5	See: BQ2070000
26058-52-6	See: UY4348500
26058-53-7	See: BR1393000
26058-54-8	See: BP7655000
26058-55-9	See: TN5950100
26058-58-2	See: BP8051000
*26064-92-6	See: BX0879000
*26064-93-7	See: TM4252000
26072-70-8	See: BP3075000
26072-72-0	See: BP3125000
26078-24-0	See: GN6710000
26082-81-5	See: HO0900000
26082-85-9	See: UE3570000
26082-86-0	See: UE3350000
*26087-47-8	See: TE6550000
26088-79-9	See: AE1971400
26094-13-3	See: RK0377000
26095-52-3	See: BP8054500
26095-53-4	See: BP7490000
26095-56-7	See: BO9900000
26095-58-9	See: BP8094000
*26095-59-0	See: BP7610000
26095-60-3	See: BP8084000
26095-61-4	See: BP6950000
26095-62-5	See: BP7470000
*26097-80-3	See: DD6538000
26098-04-4	See: WK2290000
*26116-56-3	See: KF4590000
26116-88-1	See: PB9237000
26116-89-2	See: PB9235000
26118-70-7	See: WO5996000
26126-78-3	See: OM0850000
26129-32-8	See: UE9518000
*26131-12-4	See: MH6155000
26132-67-2	See: UO7507000
26132-68-3	See: UO8955000
*26134-62-3	See: OJ6325000
26134-70-3	See: CQ7370000
*26148-68-5	See: UU9351600
26155-31-7	See: UW0246000
*26159-34-2	See: QJ1047000
*26162-66-3	See: FI1582000
26165-45-7	See: UY2273000
*26166-37-0	See: GT9330000
26166-39-2	See: VH3707560
26167-79-3	See: GG3460000
*26171-23-3	See: UX9287000
26180-01-8	See: DO4580000
26184-94-1	See: NY1825000
26187-16-6	See: BP8082000
26190-34-1	See: TE6479000
26195-62-0	See: NY0890000
26195-65-3	See: GH0910000
*26195-68-6	See: GH0887000
26196-26-9	See: BR0885000
26197-21-7	See: VC3963000
26197-82-0	See: SI7778000
26203-81-6	See: AJ7700000
26207-24-9	See: ZD5900000
26207-25-0	See: ZD5925000
26207-26-1	See: ZD5825000
26208-52-6	See: GU8590000
*26209-93-8	See: UQ0890000
26212-80-6	See: BR8140000
*26219-22-7	See: TK7909000
26219-23-8	See: TK7906000
26219-24-9	See: TK7865000
26219-26-1	See: TK7880000
26219-27-2	See: TZ1550000
26219-30-7	See: TK7849000
26225-59-2	See: UD5574500
26227-45-2	See: GE1180000
26227-46-3	See: GE1060000
26227-94-1	See: GE1165000
26227-98-5	See: GE1095000
26228-01-3	See: GE1090000
26228-02-4	See: GE1110000
26228-04-6	See: GE1055000
26228-06-8	See: GE1125000
26228-08-0	See: GE1135000
26228-09-1	See: GE1115000
26228-10-4	See: GE1160000
26228-11-5	See: GE1080000
26228-15-9	See: GE1155000
26228-16-0	See: GE1070000
26233-08-9	See: QL2025000
26234-41-3	See: XY8599000
26234-42-4	See: XY7600000
26244-92-8	See: SF7940000
*26248-42-0	See: YD4150000
26248-99-7	See: NI2937500
*26249-12-7	See: CZ1780000
26254-02-4	See: MU8750000
26257-13-6	See: MC5290000
*26259-45-0	See: XY4980000
26259-90-5	See: UQ7875000
26260-20-8	See: RC6302000
*26264-06-2	See: DB6620000
26270-58-5	See: DF6643000
26270-59-7	See: DF6691000
26270-60-0	See: DF6667000
26270-61-1	See: DF6844000
26270-62-2	See: DF6652000
26271-93-2	See: TP3937000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
26278-79-5	See: DL1900000
*26279-89-0	See: GH0740000
26281-33-4	See: HM4030000
26281-34-5	See: HM3658000
*26281-48-1	See: KR6366000
*26281-49-2	See: YE2113800
*26281-51-6	See: YE2250000
*26281-52-7	See: YE2188000
26281-64-1	See: HM3657000
26281-80-1	See: CQ1421000
*26295-56-7	See: QI9428000
*26305-03-3	See: SC6155000
26305-13-5	See: YQ9750000
26305-91-9	See: LV1598900
*26306-61-6	See: BZ0300000
26309-83-1	See: UB1460000
26309-86-4	See: UA9355000
26309-87-5	See: UA9356000
26309-94-4	See: DF2365000
*26309-95-5	See: XH8450000
26310-04-3	See: UA8950000
26310-11-2	See: UA7450000
26311-45-5	See: DH6273000
26321-09-5	See: TN4251000
26321-10-8	See: QE9550000
26321-11-9	See: SI7780000
26321-12-0	See: SI7760000
26321-13-1	See: SI7900000
26321-14-2	See: SI7774000
26321-15-3	See: SI7930000
26321-16-4	See: SI7920000
26321-22-2	See: UA9340000
26321-23-3	See: UA9320000
26321-25-5	See: UA9330000
26321-26-6	See: UA9350000
26321-61-9	See: RC6305000
*26322-14-5	See: SD9760000
*26322-14-5	See: SD9750000
26323-83-1	See: GE1105000
26323-86-4	See: GE1120000
26325-02-0	See: TK7847000
26327-59-3	See: SI7800000
26327-60-6	See: SI7770000
*26327-61-7	See: SI7960000
26327-62-8	See: SI7950000
26327-63-9	See: SI7940000
26327-64-0	See: UI2470000
26327-65-1	See: UI0970000
26327-66-2	See: UB3685000
26327-69-5	See: UB9370000
26327-70-8	See: UB9346300
26327-71-9	See: UB8680000
26327-72-0	See: SI7725000
26327-73-1	See: SI7720000
26327-74-2	See: SI7740000
26327-75-3	See: SI7750000
26327-76-4	See: SI7748000
26327-78-6	See: UI0580000
26327-79-7	See: UI0550000
26327-83-3	See: TM6485000
*26328-00-7	See: TK7850000
26328-02-9	See: TK7846000
26328-03-0	See: TK7848000
*26328-04-1	See: TM2785100
*26328-53-0	See: NX9106000
26332-00-3	See: TK7870000
26339-88-8	See: SI7730000
26342-66-5	See: PB9225000
26365-79-7	See: EY9860000
26368-78-5	See: DF6662000
26371-47-1	See: CQ3420000
*26375-43-9	See: RZ2476700
26377-29-7	See: TE2350000
26388-85-2	See: Q50642500
26391-43-5	See: SI7910000
26391-44-6	See: UY2620000
26392-93-8	See: TK7903000
26392-94-9	See: TK7885000
26392-95-0	See: TK7890000
26396-34-9	See: XY4397000
26398-13-0	See: TK7855000
26398-14-1	See: TK7801500
26398-15-2	See: TK7803000
*26399-36-0	See: XU5785000
*26400-24-8	See: UY8350000
*26401-20-7	See: MQ4250000
26401-41-2	See: LL1257000
*26401-97-8	See: WH6723000
26405-30-1	See: TJ7558000
*26414-86-8	See: UR8520000
*26419-73-8	See: FC1050000
*26427-28-1	See: UP7525000
26444-49-5	See: TC5520000
*26445-05-6	See: US1574000
26447-28-9	See: LV1762000
26466-68-2	See: NM2254000
*26471-56-7	See: BX9010000
*26471-62-5	See: NQ9490000
*26472-00-4	See: PC1075000
26482-31-5	See: KH6510000
26482-54-2	See: UT6320000
26484-51-5	See: LQ4568490
*26485-73-4	See: UQ8170000
*26485-81-4	See: UQ8522000
*26485-82-5	See: UQ8402000
26487-67-2	See: CM3185000
*26488-34-6	See: NC3450000
*26490-63-1	See: GG0700000
26501-80-4	See: PC1350000
*26506-47-8	See: FN9860000
26509-45-5	See: TY5600000
26511-30-8	See: GA6325000
26516-15-4	See: UB4160000
26519-91-5	See: GY1500000
26523-63-7	See: EK4375000
*26523-64-8	See: KJ3975000
*26531-51-1	See: UQ1240000
*26538-44-3	See: DM2520000
26538-97-6	See: ZD6036000
*26541-51-5	See: XM3050000
*26541-56-0	See: NC3411500
*26541-57-1	See: AF1670000
26543-09-9	See: LU0290000
*26545-48-2	See: SA1050000
26548-70-9	See: HF3325000
26552-50-1	See: OV7830000
*26560-94-1	See: ON3150000
*26562-01-6	See: WH8627000
*26566-80-3	See: VI9365000
26567-90-8	See: SE0800000
*26570-10-5	See: QK1750000
*26571-79-9	See: VV2650000
26577-92-4	See: EI3884000
26579-75-9	See: NL4060000
*26581-81-7	See: TI5695000
26586-55-0	See: AM9472500
*26590-20-5	See: TI3325000
*26593-43-1	See: TH7127000
26594-06-9	See: SZ6230000
26594-07-0	See: TB3d00000
26594-08-1	See: TB3800100
26594-10-5	See: SZ6180000
*26594-44-5	See: NC3440000
26605-69-6	See: ON9107000
26607-98-7	See: MH6150000
26626-12-0	See: QC8965000
*26628-22-8	See: VY8050000
*26629-86-7	See: QE5270000
*26629-87-8	See: QE6150000
*26630-60-4	See: DB2625000
*26636-01-1	See: WH6721000
26637-68-3	See: GV4990000
*26638-19-7	See: TX9350000
26640-60-8	See: SH7775000
26643-62-9	See: MI3570000
26644-46-2	See: TK9200000
26645-35-2	See: GT8943000
26660-43-5	See: BO2385000
26660-65-1	See: NK7970000
26660-66-2	See: NK7975000
26660-76-4	See: BP5818000
26672-58-2	See: UH0540000
*26675-46-7	See: KN6799000
26685-53-0	See: DJ3130000
26685-57-4	See: DJ3170000
26685-58-5	See: DJ3120000
*26690-77-7	See: DF9800000
*26691-08-7	See: UU8842000
26694-00-8	See: DM3076000
*26717-47-5	See: UE9458000
26723-07-9	See: TM7500000
*26726-75-0	See: DM5271800
26730-02-9	See: NK9070000
26732-25-2	See: WR4935000
*26733-76-6	See: RO0206200
26740-93-2	See: XY8599500
26747-87-5	See: HD1925000
*26748-41-4	See: SE0760000
*26748-41-4	See: SE0750000
26750-81-2	See: CU8730000
26750-83-4	See: CU8710000
26750-84-5	See: CU8740000
26750-85-6	See: SJ4553000
26750-90-3	See: CU8750000
26750-92-5	See: CU8755000
26750-96-9	See: CU8705000
26750-97-0	See: CU8725000
26751-00-8	See: CU8745000
*26760-64-5	See: EM7520000
*26762-93-6	See: MX2445000
*26762-93-6	See: MX2440000
*26762-93-6	See: MX2446000
*26766-27-8	See: UV9282000
*26767-96-4	See: SA9070000
26771-39-5	See: SJ4558000
26771-60-8	See: CU8704000
26771-61-9	See: CU8735000
26773-65-9	See: DL6000000
26774-90-3	See: XH8215000
*26780-96-1	See: TQ2625000
*26782-43-4	See: VT5970000
*26786-32-3	See: AM6485000
26786-84-5	See: SG1576500
*26787-78-0	See: XH8300000
26788-55-6	See: NK9050000
*26788-57-8	See: LU3483000
26799-34-8	See: KK6955000
*26807-65-8	See: CV2449850
26818-53-1	See: RO9275000
26818-54-2	See: RO9340000
26819-65-8	See: BP8234000
26820-61-1	See: TN2088000
26820-62-2	See: QE7450000
26831-44-7	See: AU4630000
26833-85-2	See: FK0250000
26833-87-4	See: FK0260000
26838-74-4	See: KD4250000
26839-34-9	See: NK9000000
*26846-51-5	See: QK4257000
26859-72-3	See: NI2985000
26860-27-5	See: UH1762500
26860-29-7	See: UG8646000
26860-30-0	See: UH1761000
26860-32-2	See: UH1753000
26860-33-3	See: UH1751000
*26861-87-0	See: XI3150000
*26864-56-2	See: TN6957000
*26867-66-3	See: SY9292000
26867-84-5	See: OD5660000
26873-13-2	See: VC4600000
26873-17-6	See: VC8245000
26873-18-7	See: VC8240000
*26896-20-8	See: QO7750000
*26907-37-9	See: XI4100000
26908-23-6	See: LU5250000
*26909-37-5	See: CN0680000
*26913-06-4	See: TQ7700000
*26914-02-3	See: TZ4050000
*26921-17-5	See: UA8475000
26924-74-3	See: XI0331500
26931-65-7	See: FM4750000
*26934-87-2	See: YD0050000
26942-14-3	See: UH1750600
26942-56-3	See: VC8230000
26942-57-4	See: VC7930000
*26952-21-6	See: NS7700000
*26952-23-8	See: UC8280000
*26952-42-1	See: BZ1060000
26958-85-0	See: AE2105000
*26961-87-5	See: GZ1227000
*26961-89-7	See: GY2626000
*26961-91-1	See: GZ1227600
*26961-96-6	See: GZ1227300
*26970-82-1	See: VS7420000
26979-21-5	See: TM5970000
26983-52-8	See: DV4025000
26987-94-0	See: DK2050000
26987-95-1	See: DK1980000
26987-97-3	See: DK1870000
26987-98-4	See: DK1920000
26987-99-5	See: DK2175000
26988-00-1	See: DK2150000
26988-01-2	See: DK2125000
26988-03-4	See: DK1960000
26988-04-5	See: DK2025000
26988-05-6	See: DK2100000
26988-06-7	See: DK2090000
26988-61-4	See: MC1150000
27000-36-8	See: CU8720000
27001-73-6	See: TN4254700
27001-75-8	See: TN4253000
*27007-85-8	See: XI2277500
27013-76-9	See: MH4397000
27013-91-8	See: RK0177800
*27018-50-4	See: CW7750000
27018-76-4	See: NL5995800
27019-34-7	See: UY1380000
*27021-42-7	See: YE2171000
*27021-43-8	See: YE1697000
*27021-44-9	See: TN2256000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
*27021-47-2	See: YE1698000
27022-50-0	See: XZ5479500
27031-31-8	See: UF2030700
27031-51-2	See: CM2700000
*27035-30-9	See: NL3668500
*27043-22-7	See: CV4870000
27046-19-1	See: RQ5857500
27047-62-7	See: YS5220000
27058-43-1	See: UU6653000
27058-84-0	See: UB7480000
*27060-91-9	See: RQ5831400
*27068-06-0	See: BR1750000
27068-07-1	See: BR2450000
27070-44-6	See: EX5775000
27076-71-7	See: MV9800000
*27077-15-2	See: BW8300000
*27078-26-8	See: YE1115000
*27078-27-9	See: YE1110000
*27078-28-0	See: YE1120000
*27078-29-1	See: YE2935000
*27078-30-4	See: YE2113000
*27078-31-5	See: YE0690000
*27078-38-2	See: UI0900500
*27078-39-3	See: UI0925000
*27078-40-6	See: UI0880000
*27078-41-7	See: YE1191000
*27078-43-9	See: DO1317000
*27078-46-2	See: US8712600
*27078-48-4	See: YE2420000
*27078-57-5	See: BX3586000
*27078-58-6	See: BX3587000
27079-65-8	See: UU6656000
27079-75-0	See: UU4800000
27079-80-7	See: UU6390000
27086-86-8	See: LL4100000
27087-81-6	See: DE8384000
27087-86-1	See: DE8384600
27092-46-2	See: XM9300000
*27093-62-5	See: HO5760000
27097-43-4	See: NI2940000
27097-50-3	See: NI2987000
*27098-03-9	See: OB6005000
27098-98-2	See: NI7775000
27099-22-5	See: DD5675000
*27100-68-1	See: ON4250000
*27107-79-5	See: GW4375000
*27107-88-6	See: XP7700000
*27107-89-7	See: WH8595000
27114-02-9	See: UQ4790000
27114-03-0	See: UQ4760000
27114-04-1	See: UQ4840000
27114-05-2	See: UQ4870000
27114-07-4	See: UQ4850000
27114-08-5	See: UQ4770000
27114-10-9	See: UQ4750000
27114-11-0	See: UQ4810000
27114-12-1	See: UQ4800000
27114-19-8	See: VC2400000
27114-26-7	See: VC2500000
27114-29-0	See: VC0210000
27114-36-9	See: VC2890000
27114-39-2	See: VC3000000
27114-40-5	See: VC2885000
27114-41-6	See: VC2900000
27114-43-8	See: VC2910000
27115-86-2	See: TN4924000
*27120-23-6	See: XF6860000
*27122-88-9	See: UU4148000
27124-10-3	See: DK1940000
27124-56-7	See: AF5825000
27134-24-3	See: EC1200000
*27134-27-6	See: BX2540000
*27137-85-5	See: VV3540000
27148-62-5	See: ED6840000
*27152-57-4	See: CG3380000
*27156-03-2	See: KV9460000
*27156-32-7	See: UP7950000
27158-78-7	See: UY8510000
27158-84-5	See: UY8520000
27158-85-6	See: UY8475000
27158-93-6	See: UY8480000
27159-78-0	See: LQ4568315
27160-30-1	See: NX4924000
27164-43-8	See: CN1065000
*27164-46-1	See: XI0390000
*27166-04-7	See: MO8418000
*27176-87-0	See: DB6600000
*27177-44-2	See: TX9695000
*27183-62-6	See: UU3879800
27193-28-8	See: SM5775000
27193-81-3	See: CV5450000
*27193-86-8	See: SL3675000
27196-00-5	See: XB8656000
27199-40-2	See: US7205000
*27203-92-5	See: GV8925000
*27208-37-3	See: GY5850000
27208-79-3	See: LZ5855000
*27215-10-7	See: TC2400000
*27215-71-0	See: DB7194000
27215-95-8	See: RA8550000
27220-47-9	See: NI4767000
27220-59-3	See: ET0900000
27229-21-6	See: NS4855000
*27236-46-0	See: NR2975800
27243-71-6	See: DD6205000
27244-64-0	See: AY7640000
27250-23-3	See: NK7526000
27250-28-8	See: NK9030000
27250-29-9	See: NK8950000
*27254-36-0	See: QJ9710000
27258-01-1	See: UQ8977000
*27259-98-9	See: RQ5836000
27260-19-1	See: BZ3330000
*27262-45-9	See: TK6080000
27262-46-0	See: TK6122000
*27262-47-1	See: TK6090000
27262-48-2	See: TK6120000
27266-01-9	See: HM0475000
27272-54-4	See: YU6670000
*27276-25-1	See: MO8439000
27279-43-2	See: CK6300000
27292-46-2	See: WQ5000000
27296-60-2	See: DJ3190000
27296-62-4	See: DJ3240000
*27302-90-5	See: UT6150000
*27304-02-5	See: DF3328000
27306-79-2	See: XB8658000
*27310-18-5	See: UG2450000
*27310-21-0	See: KL2275000
27312-17-0	See: CB5975000
27314-13-2	See: UR6150000
27317-89-1	See: KQ9007000
*27323-18-8	See: DV2063000
*27323-65-5	See: OI9530000
*27325-18-4	See: UA9830100
27325-19-5	See: UA8456850
27325-20-8	See: UA8456860
*27338-61-0	See: CV4960000
*27338-62-1	See: CV2449072
*27343-29-9	See: GC2050000
27344-41-8	See: DB5044530
*27354-18-3	See: CB7790000
27354-66-1	See: RQ5628000
27355-22-2	See: TI3870000
*27360-58-3	See: OW2540000
27363-39-9	See: DL0762000
27366-21-8	See: AG6540000
27366-35-4	See: AG6640000
27366-52-5	See: AG5180000
*27367-90-4	See: QS4476100
*27371-95-5	See: RP4410000
27375-52-6	See: AE4210000
*27376-74-5	See: MJ9669050
27388-70-1	See: DJ3200000
27389-67-9	See: BT0590000
27389-83-9	See: OO3550000
27397-05-3	See: WM1950000
27406-36-6	See: CQ7068200
27413-18-9	See: UQ4780000
27413-25-8	See: VC2895000
27413-27-0	See: VC3170000
27415-21-0	See: RG9630000
27438-39-7	See: QL4430000
27443-56-7	See: UX9760000
27447-77-4	See: SO2519000
27447-78-5	See: SO2519500
27447-79-6	See: SO2518500
*27448-03-9	See: UC1638000
*27450-15-3	See: JH3000000
27452-86-4	See: SK0900000
27452-89-7	See: SL5130000
27452-90-0	See: SL5300000
*27455-35-2	See: DJ2260500
*27455-36-3	See: DJ2260600
*27455-37-4	See: DJ2260550
*27455-38-5	See: DG5550000
*27455-39-6	See: MB9264400
*27455-40-9	See: MO7187000
27458-92-0	See: NY0880000
27461-31-0	See: CV5835000
27462-39-1	See: MF8610000
27462-95-9	See: NL3328000
27467-04-5	See: FD8757500
27467-05-6	See: FD8753000
27467-06-7	See: FD8754500
27467-07-8	See: FD8756000
27467-10-3	See: FD0868000
*27468-55-9	See: AB4535000
*27468-56-0	See: AB4530000
*27468-57-1	See: AB4520000
*27468-58-2	See: AB4500000
*27468-59-3	See: AB4490000
*27468-60-6	See: AB4450000
*27468-61-7	See: AE8291600
*27468-62-8	See: AB4455000
*27468-63-9	See: AB4505000
*27468-64-0	See: AB4790000
*27468-65-1	See: AB4800000
*27468-66-2	See: AB4795000
*27468-67-3	See: AB4820000
*27468-68-4	See: AB4835000
*27468-69-5	See: AD9734500
*27468-70-8	See: AD9731000
27468-71-9	See: AB4830000
27469-53-0	See: TK8690000
*27470-51-5	See: WM9640000
*27471-58-5	See: AB4430000
*27471-59-6	See: AE8303000
*27471-60-9	See: AB4785000
*27471-61-0	See: AB4460000
*27471-62-1	See: AM4378600
*27471-65-4	See: AE8296200
*27471-66-5	See: AE8296400
*27471-67-6	See: AB4440000
*27471-68-7	See: AB4470000
27474-99-3	See: FD0860000
27475-01-0	See: EY9925000
27495-07-4	See: AB6053000
*27496-82-8	See: VO4700000
27500-70-5	See: ZD6035000
27500-72-7	See: ZD6106000
27500-74-9	See: ZD5875000
27500-75-0	See: ZD5940000
27500-78-3	See: ZD5775000
27500-79-4	See: ZD5850000
27500-80-7	See: ZD5800000
27500-81-8	See: ZD6112000
27501-42-4	See: GU7067000
27506-78-1	See: CQ0545000
27506-82-7	See: CQ0540000
27508-35-6	See: OO3720000
*27511-99-5	See: CQ0560000
*27519-57-9	See: CV5378500
*27519-62-6	See: CV2442600
27524-97-6	See: XH5922300
27526-48-3	See: ZD5725000
27529-59-5	See: XN0490000
27529-90-4	See: ZD5750000
*27536-05-6	See: AC8650000
*27542-54-7	See: NQ5430000
*27542-55-8	See: TN7760000
*27542-56-9	See: TN7750000
27544-75-8	See: SL5220000
*27554-26-3	See: TI1300000
27556-19-0	See: WH1316800
27563-26-4	See: QE7200000
27563-27-5	See: QE7240000
*27565-41-9	See: XO8576500
27568-90-7	See: KJ8480000
*27585-35-9	See: AB4542000
*27585-36-0	See: AE8296700
*27585-37-1	See: AB4480000
*27585-38-2	See: AD9731100
27585-48-4	See: FA6685000
*27588-36-9	See: TM2671600
*27588-37-0	See: TM2671400
*27588-38-1	See: TM2649370
*27588-39-2	See: TM2675100
*27588-40-5	See: TM2664000
*27588-42-7	See: TM2675200
*27588-43-8	See: TM2675000
*27588-44-9	See: TM2662000
*27588-45-0	See: TM2663000
*27588-46-1	See: TM2674000
*27588-47-2	See: TM2664500
*27589-33-9	See: WO8900000
*27590-58-5	See: AM9495000
27591-01-1	See: QK4400000
27591-42-0	See: NK6020000
*27591-69-1	See: LL9000000
27591-74-8	See: GQ4900000
27591-97-5	See: LL8990000
27601-64-5	See: FA6690000
27601-65-6	See: EY9950000
27602-80-8	See: CZ6830000
27605-76-1	See: DE4155000
27609-16-1	See: QK0351000
27609-19-4	See: QK0360000
27609-22-9	See: QK0311000
27609-24-1	See: TN1950000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
27628-46-2	See: UY7760000
*27628-47-3	See: WU2010000
*27636-33-5	See: FC5900000
27640-20-6	See: YU2660000
27640-22-8	See: YT4575000
27644-32-2	See: TN4320000
27646-47-5	See: VM0875000
27651-84-9	See: SF7182500
27653-49-2	See: UV8195000
27653-50-5	See: UV8199500
27653-51-6	See: UV7300000
27679-98-7	See: OG6475000
*27682-57-1	See: AD9731200
27683-61-0	See: DN9250000
27683-73-4	See: DC7606500
27684-90-8	See: SH0668000
27684-92-0	See: SH0655000
*27685-40-1	See: VV8750000
27691-35-6	See: WQ2870000
27693-70-5	See: CB3700000
27693-73-8	See: CB3282000
27696-27-1	See: DB5070000
27696-34-0	See: CB3550000
*27698-84-6	See: TM2671500
27714-50-7	See: QK0315000
27719-92-2	See: HO7650500
27719-93-3	See: HO7651000
27719-95-5	See: HO7643000
27720-08-7	See: HO7643050
27722-01-6	See: AH2872000
27722-02-7	See: AH2762000
27722-03-8	See: AH2797000
27722-05-0	See: GU6750000
27722-06-1	See: GU6740000
27722-07-2	See: UF2075000
27722-09-4	See: UF2032790
27722-10-7	See: UF2032930
27722-11-8	See: UF2031500
27722-45-8	See: TI5670000
27724-96-5	See: MW5350000
27726-31-4	See: XI0360000
27728-33-2	See: AG5985000
27735-64-4	See: SM6475000
27739-78-2	See: KK1961000
*27755-15-3	See: KI3421000
27757-85-3	See: XH1225000
*27762-78-3	See: EL8550000
27767-85-7	See: QD1750000
*27774-13-6	See: YW1925000
27778-78-5	See: SH0656000
27778-80-9	See: SH0654000
27778-82-1	See: SH0665000
27778-84-3	See: SH0659000
27778-86-5	See: SH0658000
27778-88-7	See: SH0652000
27778-90-1	See: SH0651000
27778-92-3	See: SH0667000
27779-21-1	See: SH0666000
27806-00-4	See: FA6670000
27806-02-6	See: FA6680000
27806-04-8	See: EY9890000
27807-61-0	See: YE0670000
27807-62-1	See: YE1575000
27813-21-4	See: GW4635000
27819-02-9	See: LL6080000
27819-47-2	See: ZD5550000
27819-48-3	See: XO0557000
27819-49-4	See: CB8770000
27827-58-3	See: DM4310000
27827-61-8	See: DM4215000
27827-62-9	See: DM4290000
27827-63-0	See: DM4325000
27827-69-6	See: DM4230000
27827-87-8	See: AG4400000
27830-75-7	See: YM3060000
27833-64-3	See: WM5750000
27842-35-9	See: BQ2703000
27842-38-2	See: UC1800000
*27844-71-9	See: UU4722000
*27844-73-1	See: UU2739900
*27848-84-6	See: KE6341000
27850-25-5	See: LU3700000
27850-28-8	See: LU3560000
27850-30-2	See: LU3570000
27854-19-9	See: VT3278400
27854-21-3	See: VT3276600
27854-22-4	See: VT3456800
27854-25-7	See: VT3456600
27858-07-7	See: DV5700000
27865-84-5	See: QE3680000
27865-88-9	See: TL6835000
27865-89-0	See: UA4785000
27866-07-5	See: UA4770000
27866-08-6	See: UA4755000
27866-09-7	See: UY1200000
27866-12-2	See: UA4728000
27866-14-4	See: UA4735000
27866-16-6	See: UA4730000
27866-17-7	See: UA4780000
27866-19-9	See: UA4765000
27866-21-3	See: UA4760000
27866-22-4	See: UA4750000
27866-24-6	See: UA4745000
27891-33-4	See: FC8051500
27894-44-6	See: GY5946500
*27897-25-2	See: TK7875000
27905-02-8	See: GE7675000
27916-23-0	See: BQ8176000
*27918-52-1	See: UU4150000
*27918-54-3	See: UU3880000
*27918-56-5	See: UU4725100
27922-08-3	See: UH1771000
27922-09-4	See: UH1774000
27922-10-7	See: UH1840000
27922-12-9	See: UH1820000
27922-13-0	See: EU4300000
27922-14-1	See: EU4250000
27922-15-2	See: UH1595000
27922-16-3	See: UH1579000
27922-17-4	See: UH1440000
27922-18-5	See: UH1582000
27922-19-6	See: UG9420000
27922-21-0	See: UH4387100
27922-22-1	See: UH4387200
27922-24-3	See: UH4422000
27922-25-4	See: WS[illegible]40000
27922-26-5	See: WS3530000
27922-27-6	See: WR6580000
27922-28-7	See: WR6570000
*27922-29-8	See: NK7537900
27922-31-2	See: TN3000000
27922-32-3	See: TN3520000
27922-33-4	See: TN3010000
27922-34-5	See: TN3710000
27922-35-6	See: TN3560000
27922-36-7	See: UH1810000
27922-38-9	See: UH2510000
27922-39-0	See: UH0460000
27929-83-5	See: DM4245000
27929-84-6	See: DM4360000
27929-89-1	See: LL6520000
27932-59-8	See: FD0845000
27933-26-2	See: DG4976500
27942-50-3	See: UN0525000
*27949-52-6	See: TD5100000
27953-46-4	See: TU4420000
27953-64-6	See: TU5020000
*27954-37-6	See: YT1510000
*27959-26-8	See: QT2065000
27960-69-6	See: WT1300000
27963-33-3	See: XY6870000
*27963-65-1	See: GH0845000
*27973-72-4	See: UP9120000
27976-08-5	See: KJ0446000
27976-09-6	See: KJ1055500
27976-10-9	See: KJ0438500
27976-12-1	See: KJ0439500
27976-14-3	See: KJ2130000
27976-15-4	See: KJ2619000
27976-16-5	See: KJ2040000
27976-18-7	See: KJ2075000
27976-19-8	See: KJ2528000
27976-22-3	See: KJ2532000
27976-23-4	See: KJ2622000
27976-24-5	See: KJ2538000
27976-25-6	See: KI9960000
27976-26-7	See: KJ2526000
27976-81-4	See: KK6550000
*27978-54-7	See: MV8380000
27979-66-4	See: UP0790700
27979-67-5	See: UP0790600
27979-68-6	See: UP0790500
27982-70-3	See: TK7860000
*27987-06-0	See: KJ4100000
*28000-83-1	See: GF9565750
*28002-18-8	See: XH9890000
*28003-33-0	See: BO8785630
*28003-34-1	See: BO8785340
*28003-35-2	See: BO8785770
*28003-36-3	See: BO8785780
*28003-37-4	See: BS5338500
*28003-38-5	See: BS5338520
*28003-39-6	See: BS5338620
*28005-74-5	See: XU3705000
28008-01-7	See: XY4500000
28008-41-5	See: TU4405000
*28008-55-1	See: QI9335000
28011-62-3	See: BQ2067000
28011-63-4	See: BT2890000
*28014-46-2	See: KG5792000
28023-03-2	See: QF3327000
28023-38-3	See: UH1576000
*28033-16-1	See: TM6104000
*28043-31-4	See: BS5338510
*28043-32-5	See: BS5338600
28045-65-0	See: AJ5775000
28046-03-9	See: CU8828000
28046-04-0	See: CU8825000
28046-05-1	See: CU8832000
28046-07-3	See: CU8785000
*28058-62-0	See: HN8575000
28060-42-6	See: TN7220000
28060-43-7	See: TN7867000
28060-45-9	See: TN6998500
28060-47-1	See: TN7634000
28060-48-2	See: TN7843000
28060-59-5	See: TN4432500
28060-60-8	See: TN4432600
*28060-95-9	See: QT1965000
28061-21-4	See: JR7600000
28066-75-3	See: SJ7711500
28066-94-6	See: UY1370000
28066-95-7	See: SM7750000
*28069-72-9	See: RA5394000
*28073-36-1	See: BZ4540000
*28073-38-3	See: DG9872950
28073-45-2	See: DG5675000
28082-89-5	See: TN6998200
28082-90-8	See: TN6993000
28089-05-6	See: DF6460000
28089-06-7	See: DF6455000
28093-47-2	See: DB2589000
*28094-15-7	See: DC4650000
28097-03-2	See: FM3032000
*28099-10-7	See: FZ9875000
28115-25-5	See: MD1050000
28118-49-2	See: QL2300000
*28120-80-1	See: BS5338610
28121-29-1	See: AR6973600
28121-31-5	See: NS4850000
28122-76-1	See: AJ5900000
28122-80-7	See: DH6852000
28122-82-9	See: DG5643000
28122-84-1	See: DH5942000
28122-95-4	See: XM8530000
*28140-93-4	See: SN6900000
28142-46-3	See: UY1329300
28142-56-5	See: SL5200000
28142-57-6	See: SL5210000
28142-65-6	See: JI3470000
28142-66-7	See: EU4840000
28142-70-3	See: UY1237500
28142-71-4	See: UX9691800
28142-72-5	See: UY1475000
28142-73-6	See: UX9740000
28143-75-1	See: TN7632000
28143-76-2	See: TN6995000
28143-77-3	See: TN7240000
28143-78-4	See: TN7640000
*28149-22-6	See: BY6450000
28150-83-6	See: CQ5585000
28174-17-6	See: FB3925000
28174-18-7	See: FB3860000
*28213-87-8	See: RB6962600
28218-68-0	See: OP2340000
28221-31-0	See: XJ0774000
28221-32-1	See: XJ0775000
28226-01-9	See: XX9560000
28227-92-1	See: SF0350000
28228-73-1	See: NM1893000
*28232-70-4	See: OV7369000
28236-80-8	See: KV3490000
*28241-06-7	See: UT4755400
28249-66-3	See: DM2977500
*28249-77-6	See: EZ7260000
*28258-59-5	See: ZE3850000
*28260-61-9	See: CZ1225800
28268-50-0	See: UZ0820000
28270-04-4	See: LZ3980050
*28284-05-1	See: NL7874500
28292-42-4	See: MK0875000
28292-43-5	See: SC0875000
*28300-74-5	See: CC6825000
28312-77-8	See: HO3195000
28312-79-0	See: HO3177000
28312-81-4	See: HO3159000
*28314-03-6	See: AB9275000
28321-32-6	See: QJ0538500
28321-33-7	See: QJ0576000
28321-34-8	See: QJ0543000

BEST COPY AVAILABLE

CAS No.	RTECS No.
28321-35-9	See: QJ0579000
28321-38-2	See: XY8598500
*28322-02-3	See: AB9530000
*28324-52-9	See: MX2625600
*28324-52-9	See: MX2625800
*28328-69-0	See: FL7002500
*28328-73-6	See: AF9400000
28329-34-2	See: TL1420000
28330-19-0	See: LV2025000
28330-20-3	See: LU3520200
28330-22-5	See: LU3550000
*28330-26-9	See: UR6020000
28338-29-6	See: SJ9300000
28343-61-5	See: CZ1944000
*28345-96-2	See: XH5866000
*28345-97-3	See: XH5107100
*28345-98-4	See: UO7452700
*28345-99-5	See: XH6493900
*28347-13-9	See: ZE4055000
28348-64-3	See: QK2775000
28354-22-5	See: AM2100000
*28354-25-8	See: AL7833000
*28358-21-6	See: WG9900000
*28358-26-1	See: XJ7055200
*28358-28-3	See: WH0199500
28362-31-4	See: CZ1775000
28379-63-7	See: VT5974000
*28380-24-7	See: QT6825000
*28382-15-2	See: UR6005000
*28390-42-3	See: CO4950000
28392-93-0	See: NX8157000
28393-42-2	See: RC1340000
*28395-03-1	See: DG4910000
*28396-68-1	See: UB3700000
28397-59-3	See: TF9680000
28399-14-6	See: XJ5135000
*28399-17-9	See: LE3100000
*28401-39-0	See: JG6825000
28401-57-2	See: NX8155000
*28402-17-7	See: TE6487000
*28407-37-6	See: GS2169000
28413-93-6	See: GY2750000
28416-66-2	See: YV8521000
*28434-00-6	See: GZ1472000
*28434-01-7	See: GZ1310500
*28434-86-8	See: KM9625000
28438-99-5	See: QB7695000
28442-78-6	See: CZ1937000
28456-54-4	See: YQ9887000
28460-08-4	See: SJ9675000
28460-10-8	See: EZ7800000
28460-13-1	See: FA4360000
28460-14-2	See: EZ7500000
*28461-85-0	See: SZ5820600
28462-88-6	See: DL9820000
28462-89-7	See: DL9681000
28462-90-0	See: NI9550000
28465-95-4	See: US2162000
28466-00-4	See: US2163000
28466-02-6	See: UT4447000
28466-04-8	See: US2164000
28466-06-0	See: UT4447100
28466-08-2	See: XJ2975500
28466-10-6	See: UQ6126100
28466-12-8	See: UQ6478500
28466-14-0	See: UQ6126150
28466-15-1	See: UQ6125700
28466-28-6	See: UQ7353000
28466-62-8	See: UQ5010000
28466-69-5	See: UQ5030000
28466-70-8	See: UQ6128700
28466-72-0	See: UQ6128400
28469-13-8	See: DL4560000
28477-81-8	See: WM7770000
*28479-22-3	See: NQ8585000
*28488-34-8	See: UF6200000
28492-70-9	See: GA2200000
28508-28-3	See: EO6000000
*28512-87-0	See: FL7003500
28519-06-4	See: HD7050000
28519-31-5	See: XT7351000
28519-32-6	See: XT7352500
28519-33-7	See: XT7351500
28519-35-9	See: XT7358000
28519-53-1	See: TZ6660000
28520-00-5	See: VH3325000
28522-30-7	See: MN7883000
*28522-57-8	See: YD2995000
28529-01-3	See: ZG1260000
28534-37-4	See: VN7790000
*28536-30-3	See: SZ5828400
28538-70-7	See: MQ5550000
28546-57-8	See: UR6491500
28548-08-5	See: IO2240000
28548-09-6	See: IO2220000
*28554-00-9	See: UE8550000
*28557-24-6	See: NJ5096800
*28558-28-3	See: NI4450000
*28558-32-9	See: DE0900000
28559-00-4	See: EZ3490000
28562-70-1	See: LU0200000
28570-58-3	See: DG4285000
28571-00-8	See: UX9300000
*28577-62-0	See: EI9799000
28588-74-1	See: LU6235000
28606-03-3	See: DT6490000
28616-30-0	See: NK7720000
28616-48-0	See: HJ8030000
*28622-84-6	See: DJ4975000
28623-84-9	See: SL8695000
*28625-02-7	See: ED3150000
*28641-62-5	See: HO5100000
*28643-80-3	See: QT6840000
28646-20-0	See: WM3440000
28646-21-1	See: WM3445000
28646-22-2	See: CI9086000
28646-23-3	See: WM3455000
28646-25-5	See: CI9078500
28652-04-2	See: SL3325000
28657-02-5	See: GU8593000
28657-03-6	See: GU8597000
28657-04-7	See: GU8595000
28657-10-5	See: GU8586000
*28657-80-9	See: JI4640000
*28660-63-1	See: WH7070000
*28660-67-5	See: WH6733850
28664-99-5	See: UR6655000
28673-51-0	See: GW2505000
*28675-08-3	See: KN8225000
*28675-83-4	See: AG5975000
*28679-16-5	See: MO1760000
28691-33-0	See: DB5050000
28708-08-9	See: UG7440000
28709-70-8	See: AY3277300
28716-53-2	See: DL0776000
28716-60-1	See: DK1890000
*28719-23-5	See: FH4940000
*28719-25-7	See: FH4710000
*28728-55-4	See: TQ2655000
*28728-56-5	See: TQ2650000
*28735-27-5	See: XZ0362400
*28735-28-6	See: XZ0358600
*28735-31-1	See: XY7454000
28740-75-2	See: UY8535000
28740-77-4	See: UY8540000
28740-81-0	See: UY8515000
28740-82-1	See: UY8460000
28740-83-2	See: UY8455000
28740-85-4	See: UY8525000
28740-86-5	See: UY8500000
28740-91-2	See: UY8450000
28740-94-5	See: UY8465000
28740-95-6	See: UY8435000
28740-97-8	See: UY8440000
28747-82-2	See: OB1600000
*28754-68-9	See: RO0610000
28767-61-5	See: UR2530000
*28772-56-7	See: GN4934700
28782-58-3	See: FA4200000
28782-60-7	See: FA4100000
28785-06-0	See: CU7800000
28789-74-4	See: EZ7175000
28789-76-6	See: FA4025000
28789-77-7	See: EZ7000000
28789-79-9	See: UE2100000
28789-80-2	See: FA3500000
*28801-69-6	See: WH8588000
*28802-49-5	See: LU0700000
28805-78-9	See: YD1575000
28822-52-8	See: CM3200000
28832-64-6	See: SD4391000
*28833-93-4	See: GD8553600
*28833-94-5	See: GD7217000
*28833-95-6	See: GD8553500
28836-75-1	See: PB9223000
28836-76-2	See: PC5000000
*28842-05-9	See: CN2400000
28860-18-6	See: DB1581000
*28860-95-9	See: MW5298000
28864-31-5	See: VO1420000
28866-22-0	See: TN7200000
28866-26-4	See: TN7865000
28866-28-6	See: TN7630000
28866-30-0	See: TN7840000
28866-32-2	See: TN6998550
28866-33-3	See: TN6156000
28866-35-5	See: TN6997000
28866-36-6	See: TN4921000
28866-38-8	See: TN7250000
28866-60-6	See: TN4416000
28866-62-8	See: TN6991000
28867-20-1	See: TN7869000
28867-22-3	See: TN7636000
28867-24-5	See: TN7844000
28869-81-0	See: SZ5985000
28869-84-3	See: SZ5360000
28869-92-3	See: TN4251500
28869-93-4	See: TN2290000
28869-96-7	See: SY9295000
28869-98-9	See: SZ0500000
28889-33-0	See: UY8505000
28894-73-7	See: OD4800000
*28895-91-2	See: YR7000000
28896-49-3	See: KN3300000
28907-45-1	See: DI2411000
28907-84-8	See: QK1300000
*28911-01-5	See: XZ5472500
28917-15-9	See: HM4040000
*28921-29-1	See: CQ7160900
*28921-30-4	See: CQ2442000
*28929-86-4	See: MK0400000
*28930-30-5	See: WQ2850000
28939-61-9	See: YV5951300
28945-26-8	See: ED6830000
28945-27-9	See: ED6852000
28954-12-3	See: BA4055000
28956-65-2	See: YR8958000
*28968-05-0	See: NK4555000
*28968-07-2	See: NK4510000
*28968-09-4	See: NK4505000
*28979-71-7	See: WK2260000
*28979-97-7	See: BO8785760
28981-97-7	See: XZ5473000
*28982-58-3	See: GY7050000
28986-03-0	See: IH3150000
*28995-89-3	See: QK3889200
28996-29-4	See: XJ7050400
28998-47-2	See: NK4500000
28998-48-3	See: NK4565000
28998-50-7	See: NK4575000
28998-51-8	See: NK4570000
*28998-67-6	See: UQ6223000
29002-05-9	See: GD8670000
29002-06-0	See: GD9861020
29002-08-2	See: GD9861010
29002-09-3	See: DG9960000
29002-10-6	See: DG9960010
29002-11-7	See: VO5340000
29002-16-2	See: GE0198350
29002-17-3	See: GD8553410
29002-18-4	See: GD8553400
29002-19-5	See: GD8553420
29002-20-8	See: GD8670050
29002-25-3	See: GD9861000
29002-26-4	See: GD9001400
29002-29-7	See: GD8553010
29002-30-0	See: GD8553000
29002-31-1	See: GD8553020
29002-32-2	See: GD8650000
29002-34-4	See: GE0198000
29002-36-6	See: GE0198010
29002-38-8	See: GD9852000
29002-39-9	See: GD9852010
29002-40-2	See: GD9001100
29002-43-5	See: DH3110700
29002-44-6	See: DH3110720
29002-45-7	See: DG4670000
29002-46-8	See: DG4670020
29002-47-9	See: DG4343000
29002-48-0	See: DG4341000
29002-51-5	See: DG8722000
29006-99-3	See: VC8228000
29007-00-9	See: XU2203000
29007-01-0	See: XU2204000
29007-02-1	See: DG5430020
29007-03-2	See: DG5430000
29007-04-3	See: DG5430010
29007-05-4	See: DG4455120
29007-06-5	See: DG4455100
29007-07-6	See: DG4455110
29007-10-1	See: DG7877000
29007-11-2	See: DG5428000
29007-14-5	See: VC8232000
29007-15-6	See: VC8231000
29007-16-7	See: BZ5045020
29007-17-8	See: BZ5045000
29007-18-9	See: BZ5045010
29007-19-0	See: YX5480000
29007-26-9	See: DG9960020
29007-28-1	See: GE0198300

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
29007-29-2	See: VO0800000
29007-62-3	See: DG8722100
29007-63-4	See: DG8722050
*29025-14-7	See: YM3460000
29025-67-0	See: YJ9020000
*29053-27-8	See: NY3200000
29055-11-6	See: WQ2830000
29055-21-8	See: BS3810000
29055-67-2	See: TM3508180
29055-70-7	See: AB7234820
*29063-00-1	See: CA9680000
29067-70-7	See: UE8390000
29067-72-9	See: ES8135000
29069-24-7	See: TU4153000
*29071-21-4	See: CP9450100
29074-38-2	See: EX2675000
29075-61-4	See: NK4580000
29079-00-3	See: DV5290000
*29091-05-2	See: XS9990000
29091-21-2	See: ST2200000
29096-65-9	See: MF0400000
29096-66-0	See: MF0410000
*29098-15-5	See: CB2975100
*29110-48-3	See: CY1481000
*29110-75-6	See: DB7176000
29122-07-4	See: WH1317800
29122-51-8	See: SH0660000
29122-56-3	See: SH0661000
29122-58-5	See: UX9805000
29122-60-9	See: TM5022500
29122-62-1	See: CM3175000
29122-64-3	See: TL0500000
29122-66-5	See: QD8775000
*29122-68-7	See: AC3600000
29134-29-0	See: UX9678600
*29135-62-4	See: RO7100000
29140-57-6	See: TL0709000
29144-42-1	See: QI9293000
*29166-48-1	See: UY1781920
29168-87-4	See: DG9130020
*29173-31-7	See: TA7565000
29175-70-0	See: QE1300000
29175-73-3	See: DP4470000
29175-74-4	See: DP4395000
29177-55-7	See: DB1300000
29181-23-5	See: UA5280000
29181-69-9	See: XY3210500
29182-97-6	See: AD9650000
29188-52-1	See: NK8392000
29193-32-6	See: AI8970000
29193-33-7	See: AH3740000
29193-34-8	See: AJ3350000
29193-35-9	See: AF4950000
29193-36-0	See: AF7110000
29193-37-1	See: AI8990000
29193-38-2	See: AH3750000
29193-39-3	See: AJ3370000
29193-40-6	See: AF7115000
29193-41-7	See: AF4990000
29197-04-4	See: NK4560000
29197-19-1	See: SA2275000
*29199-51-7	See: CL9470000
29209-01-6	See: DL0804000
29214-81-1	See: YS9830000
29214-85-5	See: BQ2730000
29214-97-9	See: SL1180000
29215-00-7	See: KR6305000
*29216-28-2	See: SP5080000
29218-19-7	See: RQ2882500
29218-20-0	See: RQ2885000
29218-21-1	See: RQ2862500
29218-22-2	See: RQ2817000
29218-23-3	See: RQ2821000
29218-24-4	See: RQ2819000
29218-25-5	See: RQ2510000
29218-26-6	See: RQ2872500
29218-27-7	See: RQ2867500
29218-28-8	See: RQ2870000
29218-30-2	See: RQ2515000
29218-31-3	See: RQ2520000
29218-32-4	See: RQ2475000
29218-33-5	See: RQ2823000
29218-34-6	See: RQ2827000
29218-35-7	See: RQ2825000
29218-36-8	See: RQ2880000
29218-37-9	See: RQ2875000
29218-38-0	See: RQ2877500
*29221-52-1	See: DB7321000
29222-39-7	See: DC4725000
29229-75-2	See: MR0182500
*29232-93-7	See: TF1410000
29242-15-7	See: ZD6038000
29242-17-9	See: ZD6010000
29242-19-1	See: ZD6122000
29242-22-6	See: ZD6117000
29242-37-3	See: UR7420000
29242-38-4	See: UR7410000
29242-40-8	See: UR6171000
29242-43-1	See: UR6160000
29253-86-9	See: LZ1400000
*29256-79-9	See: KH7600000
29285-71-0	See: UR7425000
29285-72-1	See: UR6172000
29285-73-2	See: UR6137000
29285-74-3	See: UR6140000
29285-76-5	See: UR6540000
29285-77-6	See: UR6530000
29285-79-8	See: UR6545000
29285-81-2	See: UR6477000
29285-83-4	See: UR6600000
29285-87-8	See: UR6650000
29285-88-9	See: UR6494000
*29288-99-1	See: LZ4295800
29291-15-4	See: XJ6270000
29303-07-9	See: GU8630000
29305-16-6	See: DG0886500
29306-25-0	See: RQ2865000
*29306-57-8	See: DC1955000
*29307-03-7	See: LY4250000
29307-32-2	See: UR6170000
29312-75-2	See: ZD6121000
29316-05-0	See: DA6700000
*29325-E J-5	See: UY2605000
29327-65-9	See: CU8715000
29342-53-8	See: RB7160000
*29343-52-0	See: RA8510000
29343-58-6	See: YQ2840000
29369-00-4	See: SM8615000
*29369-01-5	See: UY1330000
29369-95-7	See: NI9640000
29378-25-4	See: VN8495000
29378-98-1	See: CV5377000
*29382-82-9	See: LK7300000
29385-43-1	See: DM1300000
29387-84-6	See: TZ0650000
29387-86-8	See: TZ0630000
*29393-20-2	See: RN8763000
*29396-39-2	See: WU7678000
29400-42-8	See: RC1370000
29407-84-9	See: KC1925000
29429-03-6	See: VS3200000
*29446-15-9	See: HP3096000
29456-76-6	See: OB1260000
29475-05-6	See: KE7050000
*29477-83-6	See: JI5000000
29483-46-3	See: UB1470000
29483-47-4	See: UB9357000
29483-49-6	See: UB9358000
29483-51-0	See: XO1623000
29483-53-2	See: XO1620000
29483-55-4	See: XO1633000
29484-98-8	See: AI9560000
29485-11-8	See: AC6376000
29485-14-1	See: YT9050000
29487-13-6	See: UU5284000
*29507-62-8	See: AH4055000
29523-51-1	See: BW9110000
29529-45-1	See: XO1630000
29529-47-3	See: XO1610000
29529-49-5	See: XO1607000
29529-51-9	See: XO1615000
29538-91-8	See: DF7705000
29538-92-9	See: DF7715000
29538-93-0	See: DF7706000
29538-94-1	See: DF7714000
29538-96-3	See: DF7711000
29540-35-0	See: DF7713000
29541-85-3	See: HO8320000
29546-59-6	See: BP8076000
29553-26-2	See: EL5800000
29560-58-5	See: SN6500000
29560-84-7	See: UD4900000
29573-80-6	See: UC0650000
29573-86-2	See: OB1830000
29573-87-3	See: UC2900000
29573-89-5	See: OB4120000
29573-90-8	See: OB1610000
*29575-02-8	See: WH6714000
29581-98-4	See: HA2900000
*29582-39-6	See: EM9110700
29590-28-1	See: NX6825000
29593-26-8	See: QC7930000
*29595-25-3	See: GP0210000
29604-73-7	See: UR5825000
29605-46-7	See: EJ7200000
*29605-96-7	See: KE5400000
29605-98-9	See: QF3455000
29606-79-9	See: OT0310100
29609-98-1	See: KK7200000
29611-03-8	See: GY1934000
29620-39-1	See: YV7755000
29622-22-8	See: AU7440000
29622-48-8	See: XY7380000
29632-40-4	See: DO0609600
29632-41-5	See: DO0609300
29632-42-6	See: DN8786000
29632-43-7	See: DN8786300
29632-47-1	See: UA9819000
29632-49-3	See: UA9830200
29638-94-6	See: UY4300000
*29639-65-4	See: CQ1953000
*29644-97-1	See: ES7174970
*29644-98-2	See: ET4734000
*29644-99-3	See: ET5280000
*29645-00-9	See: ES8390000
29654-55-5	See: DO1400000
29665-24-5	See: DB1940000
29667-17-2	See: DB3325000
29674-96-2	See: MV7300000
29676-50-4	See: WR8035000
*29676-95-7	See: QN2840000
29680-45-3	See: UA9827000
29680-85-1	See: VB2252000
29701-07-3	See: WK1976500
29708-82-5	See: ME1100500
29712-69-4	See: SF7930000
*29714-87-2	See: RH2000000
29722-83-6	See: OB1350000
29724-68-3	See: VB4820000
29727-70-6	See: QK1350000
*29728-52-7	See: AB4510000
29730-81-2	See: QM5300000
29734-68-7	See: KF3325000
29745-05-9	See: RN7846000
29745-06-0	See: RN8254000
29745-27-5	See: VA3385000
29751-93-7	See: DF6465000
29752-43-0	See: HP8758000
*29759-28-2	See: SL1945400
29762-25-2	See: KB4730000
*29767-20-2	See: KC0180000
29772-75-6	See: EO6050000
29773-01-1	See: EO5850000
29774-74-1	See: NK8928000
29777-83-1	See: TG0805000
29777-85-3	See: TG2350000
*29790-52-1	See: QS9600000
29803-94-9	See: RC6191000
*29806-73-3	See: RT4740000
29815-91-6	See: AF5795000
29815-94-9	See: AF5470000
29826-16-2	See: RD5100000
29832-29-9	See: TR1579000
*29845-71-4	See: FM3374000
29847-17-4	See: LZ5980000
29847-20-9	See: LZ5970000
29847-80-1	See: TU4818000
29847-81-2	See: TU4818500
29854-42-0	See: NL3780000
*29854-52-2	See: WL2460200
29864-55-9	See: MJ9870000
*29868-97-1	See: UU7883000
*29870-99-3	See: OD5950000
29883-15-6	See: OO8450000
29885-18-5	See: GY3950000
*29900-15-0	See: MH0405000
29908-03-0	See: AU7334000
29911-28-2	See: UA8225000
29917-12-2	See: SA3340000
29919-25-3	See: QH0180000
*29929-77-9	See: VC2300000
29936-71-8	See: AM8525000
29936-76-3	See: CU7080000
29936-79-6	See: AM9486800
29942-00-5	See: AM9486300
29948-36-5	See: KR7210000
29949-80-2	See: SZ3800000
*29964-84-9	See: OZ5000000
*29965-97-7	See: GX9600000
*29968-64-7	See: DG0175000
*29968-68-1	See: DB0350000
*29968-75-0	See: DG0525000
29972-71-2	See: TG1340000
*29973-13-5	See: FC2628000
*29975-16-4	See: XZ5473500
29984-33-6	See: AU6204000
30003-49-7	See: TV1225000
30007-39-7	See: QK4750000
30007-47-7	See: JG9650000
30015-57-7	See: VD5859700

BEST COPY AVAILABLE

CAS No.	RTECS No.
30017-53-9	See: TA2800000
*30026-92-7	See: MX2430000
*30031-64-2	See: EJ8575000
30034-03-8	See: XI0389000
*30041-69-1	See: VB5600000
30042-37-6	See: OE3046000
30043-49-3	See: YT0150000
30056-74-7	See: DB6200000
30056-77-0	See: DB7320000
30072-59-4	See: XY3220000
30074-62-5	See: QM5075000
30074-64-7	See: QM5070000
30074-65-8	See: QM4995000
30074-66-9	See: QM4990000
30074-67-0	See: UY2540000
30074-68-1	See: UY2545000
30074-73-8	See: QM5090000
30074-74-9	See: QM5085000
30074-75-0	See: QM5040000
30074-76-1	See: QM5030000
30074-77-2	See: QM5226000
30074-78-3	See: QM5230000
30075-06-0	See: UH1756000
30075-10-6	See: UH1763500
30075-11-7	See: UH1758000
30075-13-9	See: UH1751800
30076-09-6	See: NY2945000
*30077-45-3	See: CH0350000
30084-05-0	See: XY3100000
30084-27-6	See: XY3210000
30084-28-7	See: XY3200000
30084-51-6	See: XY3190000
30084-90-3	See: LL5917000
30086-64-7	See: DE1610000
30086-95-4	See: CA9698000
30087-47-9	See: FB9210000
30091-39-5	See: AT7190000
30091-40-8	See: AT7186000
30096-82-3	See: XJ4230000
30097-03-1	See: XJ5120000
30097-04-2	See: XJ5085000
30097-12-2	See: XJ5110000
*30099-72-0	See: WH8602000
30100-40-4	See: BQ8126000
30100-41-5	See: BQ8182000
30100-42-6	See: BQ8190000
30100-43-7	See: BQ8165000
30100-47-1	See: BP3100000
30100-58-4	See: BQ8181000
30100-59-5	See: BQ8191000
30102-00-2	See: XY3170000
30115-77-6	See: HO3240000
30120-85-5	See: QJ0571500
30120-86-6	See: QJ0537000
30120-87-7	See: QJ0535500
30120-89-9	See: QJ0573000
30120-90-2	See: QJ0568500
30120-91-3	See: QJ0549000
30120-92-4	See: QJ0562500
30120-94-6	See: QJ0550500
30120-95-7	See: TN2050000
30120-98-0	See: QJ0561000
30120-99-1	See: QJ0531000
30121-00-7	See: QJ0567000
30121-01-8	See: QJ0546000
30121-02-9	See: QJ0532500
30121-03-0	See: QJ0558000
30121-05-2	See: QJ0565500
30121-07-4	See: QJ0541500
30121-08-5	See: QJ0528000
30121-09-6	See: QJ0526500
30121-10-9	See: QJ0559500
30121-11-0	See: QJ0540000
30121-12-1	See: QJ0529500
30121-13-2	See: QJ0582000
30121-14-3	See: QJ0577500
30121-15-4	See: QJ0555100
30121-16-5	See: QJ0556500
30123-86-5	See: AD0325000
30125-87-2	See: HO3186000
30129-65-8	See: DL9682000
30136-13-1	See: UB9350000
30154-47-3	See: HO3213000
30180-75-7	See: YS3590000
30182-04-8	See: OB4565000
30182-64-0	See: PB9035000
30184-89-5	See: KL2890000
30188-50-2	See: XJ5345000
*30192-64-4	See: KM2585000
*30192-67-7	See: KM2700000
30192-81-5	See: NI8537000
30195-59-6	See: UH1753500
30195-62-1	See: UH0593000
30195-63-2	See: UG9411900
30195-64-3	See: UG8644000
30195-65-4	See: UG9411800
30195-66-5	See: UG9411300
30195-67-6	See: UH1764000
30195-69-8	See: UH1589700
30213-35-5	See: VM0175000
*30218-58-7	See: NL7705000
*30223-48-4	See: SO4700000
*30223-75-7	See: UY5764600
30233-80-8	See: CF1050000
30233-81-9	See: CF1225000
30237-08-2	See: BQ8183000
*30240-13-2	See: US7900000
30244-06-5	See: PB9189500
30251-88-8	See: DB6145500
30253-49-7	See: XY3160000
30271-46-6	See: BQ4309000
30272-17-4	See: PB9221000
30279-24-4	See: DB2575000
30279-48-2	See: DB0880000
30280-01-4	See: DB1569500
30280-06-9	See: DB2634700
30280-07-0	See: DB2580000
30286-75-0	See: RN7090000
30292-03-6	See: NY2960000
30296-34-5	See: UH1754800
30297-79-1	See: DT7703800
*30299-08-2	See: ES8900000
*30300-94-8	See: MF0236000
30301-08-7	See: QJ0580500
30301-10-1	See: QJ0552000
30301-11-2	See: QJ0570000
30301-12-3	See: QJ0553500
30301-13-4	See: QJ0547500
30301-36-1	See: HO3298000
*30310-80-6	See: TW3670000
30313-06-5	See: OO1800000
*30314-44-4	See: TO7944000
30314-46-6	See: EU2325000
*30314-64-8	See: SG8580000
30321-76-7	See: UR7440000
30321-79-0	See: UR6475500
30321-80-3	See: UR7458000
30321-82-5	See: UR6489000
30321-83-6	See: BR8090000
30321-85-8	See: QF3352000
30321-86-9	See: UR6658000
*30345-27-8	See: MF8412000
*30345-28-9	See: MF8414000
30353-61-8	See: ED1100000
30353-64-1	See: ED1090000
30360-70-4	See: XY6920000
30361-37-6	See: QI9457300
30366-55-3	See: OV7355000
*30377-48-1	See: DP1591500
30380-59-7	See: LQ2000000
30380-61-1	See: AC7600000
*30382-24-2	See: MA2275430
*30389-85-6	See: DP1592000
*30389-86-7	See: DP1591000
30392-41-7	See: XU1642000
30406-04-3	See: QK7204000
30418-85-0	See: BQ8170000
*30419-67-1	See: XO8575080
30432-16-7	See: EM2895000
30437-34-4	See: DT7703700
30438-05-2	See: DB1562000
*30440-88-1	See: OB5310000
*30451-26-4	See: NR3397700
*30451-27-5	See: NR3397500
30451-32-2	See: PC1360000
30451-33-3	See: PC1362000
*30459-65-5	See: CV2290000
30460-36-7	See: PB9202000
30460-59-4	See: PB9240000
30460-60-7	See: PB9245000
30461-65-5	See: LV1740000
*30461-71-3	See: HF0350000
30463-03-7	See: HO3276000
*30484-77-6	See: TK9187000
30489-04-4	See: QI9295000
*30509-58-1	See: CU8703800
*30509-59-2	See: CU8783000
*30509-61-6	See: CU8787000
*30509-92-3	See: CU8784600
*30509-93-4	See: XS3590900
*30509-94-5	See: CU8787500
*30509-95-6	See: CU8784100
*30525-89-4	See: RV0540000
*30533-66-5	See: CU8783020
*30533-68-7	See: CU8789000
*30533-70-1	See: CU8784200
*30533-75-6	See: CV2308700
*30533-76-7	See: CU9370000
*30533-77-8	See: CV2338500
*30533-78-9	See: CV2311500
*30533-79-0	See: CV0800000
*30533-80-3	See: CU9058000
*30533-81-4	See: CU9060010
*30533-82-5	See: CV2323000
*30533-83-6	See: CV2311000
*30533-85-8	See: CV2303000
*30533-86-9	See: QD7750000
*30533-87-0	See: TM4260000
*30538-01-3	See: FD3810000
30541-36-7	See: AB4309300
30541-38-9	See: UE2993000
*30544-47-9	See: CB4400000
*30544-58-2	See: ET6720000
*30544-59-3	See: ES8395000
*30544-61-7	See: ES8352000
*30544-65-1	See: ES8138400
*30544-68-4	See: ES8138000
*30544-69-5	See: ES8138200
*30544-71-9	See: ES8810000
*30544-72-0	See: ES8812000
*30544-73-1	See: AY4346000
*30560-19-1	See: TB4760000
30562-34-6	See: LX8920000
*30578-37-1	See: UR6066500
*30586-10-8	See: SA0330000
*30586-18-6	See: MJ1355000
30614-77-8	See: LU0460000
30627-44-2	See: RN7843000
30627-45-3	See: RN7848000
30627-47-5	See: RN8260000
30627-48-6	See: RN8256000
30627-49-7	See: RN8260500
30627-50-0	See: RN8050000
30627-51-1	See: RN8150000
30627-52-2	See: RN8170000
30627-53-3	See: RN8252000
30627-54-4	See: RN8262000
30650-95-4	See: ES4092000
*30653-83-9	See: CU9060000
*30653-84-0	See: CU8789500
*30653-85-1	See: CU8783010
*30653-87-3	See: CU8788500
*30670-17-8	See: FD3811000
30674-80-7	See: OZ4950000
30684-05-0	See: UI4725000
30684-07-2	See: UI4025000
*30685-43-9	See: FH4920605
30685-91-7	See: OP9575000
30687-03-7	See: GD7197000
30687-04-8	See: GD7206000
30687-05-9	See: GD7150000
30687-06-0	See: GD7372500
30687-07-1	See: GD7199000
30687-08-2	See: GD7235000
30687-09-3	See: GD7367500
30687-10-6	See: GD7397500
30687-11-7	See: GD7400000
30687-12-8	See: GD7362500
30687-13-9	See: GD7412500
30687-14-0	See: GD7410000
30687-15-1	See: GD7405000
30687-16-2	See: GD7380000
30687-17-3	See: GD7003000
30687-18-4	See: GD7407500
30687-19-5	See: GD7402500
30687-20-8	See: GD7012000
30687-21-9	See: GD7009000
30687-22-0	See: GD7231500
30687-23-1	See: GD7006000
30687-24-2	See: GD7213000
30687-25-3	See: GD7015000
30687-26-4	See: GD7212000
30687-27-5	See: GD7231000
30687-28-6	See: GD7395000
30687-29-7	See: GD7375000
30687-30-0	See: GD7377500
30687-31-1	See: GD7385000
30687-32-2	See: GD7382500
30689-00-0	See: UW7692000
30711-93-4	See: XY6825000
30719-67-6	See: DU3103000
30719-68-7	See: KO2975000
*30725-71-4	See: TD8420000
*30725-72-5	See: TE1840000
30727-14-1	See: UY5685500
30740-37-5	See: GD7208000
*30741-06-1	See: DM5271600
*30746-54-4	See: NI5635000
*30746-58-8	See: HP3493000
*30748-29-9	See: UQ8530000

BEST COPY AVAILABLE

CAS No.	RTECS No.
30758-34-0	See: GU1225000
*30760-48-6	See: XJ7012000
30764-69-3	See: UY1237850
30771-84-7	See: PB4540000
30771-85-8	See: PB4560000
30771-86-9	See: PB4551000
30777-19-6	See: DF6383000
30777-79-8	See: NC4930000
30777-80-1	See: NC4910000
30777-81-2	See: NC4950000
30777-84-5	See: TI5632000
*30785-56-9	See: GP9030800
*30788-80-8	See: RB7565000
30798-81-3	See: QK7174000
30798-82-4	See: QK7142000
30798-83-5	See: QK7200000
30798-84-6	See: QK7138000
30798-87-9	See: QK7128000
30799-01-0	See: QK7196000
30799-03-2	See: QK7132000
30799-05-4	See: QK7148000
30799-06-5	See: QK7176000
*30799-25-8	See: AB1067000
30805-06-2	See: XY3250000
30812-87-4	See: CZ1800000
30817-94-8	See: PB5320000
30820-35-0	See: UY1237800
*30821-04-6	See: VA9295000
*30825-03-7	See: XH4400000
30826-79-0	See: NJ0610000
30826-80-3	See: NI9660000
30826-83-6	See: NI9650000
30826-85-8	See: UW7580000
30826-86-9	See: UW5785000
30826-87-0	See: UW7585000
30826-88-1	See: UW5790000
30831-68-6	See: VB1800000
30831-69-7	See: VB2280000
30831-70-0	See: VB2250000
30831-72-2	See: VB2240000
30831-73-3	See: VB2220000
30831-75-5	See: VB2210000
30831-78-8	See: VB4815000
30831-82-4	See: VB4830000
30831-83-5	See: VB4845000
30831-85-7	See: VB4865000
30831-86-8	See: VB4840000
30831-87-9	See: VB4835000
30831-89-1	See: VB4850000
30831-91-5	See: VB4860000
30831-92-6	See: VB4855000
30831-94-8	See: DL7001500
30831-96-0	See: DM4675000
30832-55-4	See: QK7122000
*30832-58-7	See: QK7147000
30832-60-1	See: QK7154000
*30833-53-5	See: TI2550000
*30835-61-1	See: GY5750000
*30835-65-5	See: GY5758000
30866-95-6	See: EK3000000
30868-30-5	See: UQ6360000
30887-81-1	See: BQ2050500
30892-85-4	See: GA4725000
*30894-16-7	See: GO7105000
30894-61-2	See: XY5045000
30902-23-9	See: DK1900000
*30905-63-6	See: CI9150000
30914-89-7	See: RP6435250
30918-54-8	See: NM7520500
*30924-31-3	See: EV6566000
30926-22-8	See: DH4010430
30928-23-5	See: CZ1729000
30931-67-0	See: DL7002500
*30950-27-7	See: GW2975000
30957-61-0	See: DH4010440
30957-62-1	See: VO4750000
30957-65-4	See: HN2040000
30958-52-2	See: EV6600000
31007-47-3	See: JP0450000
31007-48-4	See: BQ2750000
31007-49-5	See: JP0400000
31007-50-8	See: BP6425000
31007-54-2	See: TN5100000
31007-55-3	See: CM3410000
31008-13-6	See: QK7202000
*31012-29-0	See: CW9150000
31017-40-0	See: CZ1300000
*31031-74-0	See: MC0840000
31034-98-7	See: BO9800000
*31055-59-1	See: QK3675000
*31065-88-0	See: OW1900000
31065-89-1	See: KR5975000
31077-70-0	See: WK2297000
31080-68-9	See: DM4780000
31081-68-2	See: AX8150000
*31087-87-3	See: FH4920620
31087-94-2	See: FH4587000
*31088-90-1	See: YT4975000
*31089-39-1	See: KL9282000
31090-17-2	See: XH9310000
31093-47-7	See: DB5700000
*31112-62-6	See: LZ6650000
31121-37-6	See: SN5030000
*31121-93-4	See: MU6641000
31123-95-2	See: LK8582000
31127-82-9	See: DH0191000
31136-61-5	See: PB9230000
31139-26-1	See: UR6657000
31139-87-4	See: DH1960000
31142-90-2	See: MT9198000
31143-55-2	See: GP3125000
31153-57-8	See: AR5200000
31156-73-7	See: KF1330000
31172-00-6	See: SD8930000
31172-02-8	See: SD8935000
31173-14-5	See: KL8235000
31185-48-5	See: UB5400000
31185-49-6	See: GX1805000
31185-53-2	See: NI9500000
31185-54-3	See: RQ2295000
31185-55-4	See: RQ2115500
*31185-56-5	See: RQ2130000
31185-57-6	See: RP7220000
31185-58-7	See: RQ2128000
31185-59-8	See: RQ2140000
31185-60-1	See: RP6435000
31185-63-4	See: YJ9300000
31185-64-5	See: YJ9400000
31185-78-1	See: CB2540000
31188-99-5	See: AM9680000
31189-00-1	See: CU7610000
31189-06-7	See: AM9483000
*31210-58-9	See: OV7369400
*31212-28-9	See: DB7184000
31217-72-8	See: ON5500000
31224-45-0	See: KI1405000
*31224-92-7	See: AM9700000
31230-24-7	See: AC5600000
31236-94-9	See: GU2302000
*31242-94-1	See: KO4025000
31248-66-5	See: KF1790000
31252-42-3	See: TM4728000
31263-13-5	See: LT0600000
31282-04-9	See: WK2130000
31297-25-3	See: WQ5980000
*31301-18-5	See: YV8990000
*31301-19-6	See: YV8926400
*31301-20-9	See: EU1600000
*31301-21-0	See: YV8926300
*31301-22-1	See: YV8926500
*31301-23-2	See: YV8980000
31305-88-1	See: KC3850000
31323-25-8	See: GL6490000
31323-26-9	See: NO8780000
31323-50-9	See: GY4270000
31329-36-9	See: TM7850000
*31329-57-4	See: LU5800000
31330-51-5	See: XM7800000
31335-41-8	See: WR6200000
31339-79-4	See: LU3520000
*31349-74-3	See: UG9367000
31357-30-9	See: CB9376580
*31357-58-1	See: QT6830000
31363-08-3	See: RO0688600
31363-09-4	See: RO0688500
31363-10-7	See: RO0688400
*31364-55-3	See: LZ8225000
*31365-01-2	See: YV8926200
*31365-02-3	See: YV8926000
*31365-03-4	See: YV8926100
*31375-17-4	See: UC2988400
*31382-97-5	See: NX5127000
31383-55-8	See: VA3630000
31384-73-3	See: MU1925000
31385-04-3	See: QK0365750
31385-05-4	See: UY1520000
31385-19-0	See: VC4019000
31386-38-6	See: NC3412000
31387-88-9	See: ZF5250000
31392-96-8	See: KH9350000
31404-12-3	See: JP1180000
31416-87-2	See: DN6850000
31429-04-6	See: QK0365700
31430-15-6	See: DD6497500
31430-18-9	See: DD6521000
*31431-39-7	See: EY8600000
31432-65-2	See: VB2260000
31432-68-5	See: VB4450000
31432-69-6	See: VB4400000
31432-70-9	See: VA9620000
31432-71-0	See: VA9617500
31451-12-4	See: AR6020000
31456-30-1	See: DK2070000
31468-18-5	See: TM6050000
31468-86-7	See: UC3750000
*31477-60-8	See: UY1329280
*31499-72-6	See: EM0535000
*31501-48-1	See: WH1317900
31509-22-5	See: BP8232000
31509-23-6	See: BP8226000
31509-25-8	See: BP8229000
*31512-74-0	See: TR1650000
31518-93-1	See: NK5972000
31518-94-2	See: NK5338000
31537-98-1	See: BP8236000
31537-99-2	See: BP8238000
31539-88-5	See: CL6176000
31540-62-2	See: EU2625000
31562-99-9	See: NJ5752000
*31566-31-1	See: RG1925000
31571-71-8	See: AH3850000
31571-94-5	See: CB5425000
*31574-38-6	See: ES8351000
31581-11-0	See: QL7362000
31596-21-1	See: NJ0350000
31600-56-3	See: DA5300000
31617-17-1	See: UH4404000
31620-87-8	See: AE1925000
*31622-87-4	See: TQ2665000
*31622-88-5	See: TQ2647000
*31632-68-5	See: OW7700000
*31635-40-2	See: AB4310000
31644-46-9	See: TM4200000
*31644-48-1	See: KI7213000
*31644-54-9	See: QS4484700
31657-19-9	See: CV2346000
31666-17-8	See: CV2510000
31668-45-8	See: IH6339000
*31671-16-6	See: WH8100000
*31677-93-7	See: UG8858000
*31685-59-3	See: AI3000000
31685-95-7	See: HO8340000
*31692-85-0	See: MD0907500
*31698-14-3	See: LV2610000
31699-74-8	See: NL4460000
*31709-32-7	See: WH8583700
*31717-87-0	See: QE0610000
31719-68-3	See: DE8021000
*31721-79-6	See: DO5420000
31721-90-1	See: HO7650000
31721-91-2	See: DE8028000
31721-92-3	See: DE8039000
*31750-48-8	See: KR6712700
*31753-17-0	See: MJ9678000
31754-00-4	See: WM4300000
31755-08-5	See: FD8410000
31755-09-6	See: FD8800000
31755-11-0	See: FD8890000
31755-12-1	See: FD8830000
31755-14-3	See: FD8840000
31755-15-4	See: FD8490000
31755-17-6	See: FD8790000
31755-18-7	See: FD8420000
31755-19-8	See: FD8870000
31755-20-1	See: FD8530500
31755-21-2	See: FD8820000
31755-22-3	See: FD8460000
31755-23-4	See: FD8760000
31755-24-5	See: FD8150000
31755-25-6	See: FD8100000
31755-26-7	See: FD8770000
31755-27-8	See: FD9700000
31756-15-7	See: NX4913500
*31756-22-6	See: NX4919420
*31756-24-8	See: NX5017930
*31756-26-0	See: NX5017900
*31756-28-2	See: NX5017970
31770-74-8	See: NK4550000
31771-05-8	See: DE8035000
31772-85-7	See: FD8540000
31772-86-8	See: FD8480000
31772-89-1	See: CN0300000
31772-98-2	See: NX4919400
31775-15-2	See: TL4350000
*31785-60-1	See: VA3230000
31786-73-9	See: KJ2517000
31791-46-5	See: UY1257000
31792-45-7	See: KJ2539600
31793-07-4	See: MU6620000
31804-66-7	See: US7966800

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
31804-87-2	See: NK5976000
31804-89-4	See: NK6248000
31804-91-8	See: NK5339000
31804-94-1	See: NK5775500
31805-02-4	See: NK5069400
31805-04-6	See: NK5069200
31805-07-9	See: NK5069900
31805-09-1	See: NK5065000
31806-84-5	See: AM9800000
31806-95-8	See: UQ4860000
*31820-22-1	See: UI5205000
*31823-18-4	See: DG2388000
31823-54-8	See: MA1050500
31828-01-0	See: NK5974000
31828-50-9	See: XI0332000
31828-71-4	See: KR9300000
*31840-19-4	See: XH5115000
*31842-01-0	See: MU6645000
31842-23-6	See: UH4407000
31846-46-5	See: DL0783000
31846-48-7	See: DL0730000
31846-49-8	See: DL0818000
*31848-00-7	See: DJ1246000
*31848-01-8	See: DJ0382000
*31848-03-0	See: DJ1245000
31848-11-0	See: FA0790000
31848-15-4	See: DL0811000
31848-16-5	See: DL0790000
31848-18-7	See: DL0737000
31848-19-8	See: DL0825000
31848-20-1	See: DL0741000
31858-09-0	See: UA7480000
*31858-72-7	See: DJ0383000
*31863-89-5	See: SP1879000
31865-49-3	See: YJ9030000
31868-18-5	See: RQ5831370
*31873-81-1	See: LQ8576000
*31874-15-4	See: NC3660000
*31876-38-7	See: QA6130000
31878-59-8	See: AU4704400
31878-61-2	See: AU4470000
31888-29-6	See: NK5069500
*31888-72-9	See: TJ7825200
*31895-22-4	See: YL8300000
31897-79-7	See: AU4860000
31897-80-0	See: AU4835000
31897-81-1	See: AU4460000
31897-84-4	See: AU4628500
31897-85-5	See: AU4465000
31897-87-7	See: AU4600000
31897-88-8	See: AU4700000
31897-89-9	See: AU4680000
31897-90-2	See: AU4410000
31897-91-3	See: AU4420000
31897-92-4	See: AU4440000
31897-95-7	See: AU4580000
31897-97-9	See: AU4750000
31897-98-0	See: AU4400000
31897-99-1	See: AU4530000
31898-01-8	See: AU4545000
31898-02-9	See: AU4795000
31898-05-2	See: AU4615000
31898-06-3	See: AU4945000
31898-07-4	See: AU4650000
31898-08-5	See: AU4635000
31898-11-0	See: AU4445000
31898-13-2	See: AU5013000
31898-37-0	See: XJ3450000
31924-91-1	See: VL9800000
*31927-64-7	See: HO7085000
*31932-35-1	See: TJ5775000
*31938-07-5	See: AL8060000
31938-10-0	See: TI5686000
*31953-18-1	See: DL0313000
*31959-87-2	See: MF3855000
31964-49-5	See: YS2570000
31967-00-7	See: CM3930000
31967-92-7	See: AU4720000
31980-29-7	See: UE9515000
*31984-55-1	See: UU3865500
31991-03-4	See: FD8780000
31991-90-9	See: YQ9195000
31991-96-5	See: YQ9841000
31991-98-7	See: YQ9310000
31991-99-8	See: YQ9635000
31992-00-4	See: YQ9855000
31992-01-5	See: YQ9820000
31992-02-6	See: YQ9845000
31992-03-7	See: YQ9810000
32000-65-0	See: YQ9215000
32000-67-2	See: YQ9850000
32000-70-7	See: YQ8820000
32000-72-9	See: YQ8690000
32000-82-1	See: YQ9205000
*32003-22-8	See: XJ5813300
*32003-25-1	See: CU5616000
*32003-36-4	See: XJ7013000
*32017-76-8	See: CY9025000
32017-77-9	See: CZ9900000
32021-40-2	See: DE0456000
32033-21-9	See: NK4200000
32038-67-8	See: HP2320000
32041-66-0	See: YV6510000
32041-69-3	See: YV6500000
32041-74-0	See: TO7880000
32041-77-3	See: TM3390000
32047-63-5	See: HP1940000
32047-65-7	See: HP1990000
32047-66-8	See: HP1660000
32047-67-9	See: HP2000000
32047-68-0	See: HP1818000
32047-69-1	See: HP3050000
32047-72-6	See: HP1840000
32047-73-7	See: HP1980000
32047-74-8	See: HP1950000
32047-76-0	See: HP3080000
32047-93-1	See: AC5958100
32051-67-5	See: MO7780000
32051-68-6	See: MO7795000
32051-71-1	See: MO7790000
32051-72-2	See: TN5510000
32058-55-2	See: TN6203000
32058-56-3	See: YV7982000
32058-57-4	See: YV7957000
32058-63-2	See: UR6476000
32058-64-3	See: UR6506000
32058-65-4	See: UR6498000
32065-99-9	See: DI0280000
32074-28-5	See: AD7875000
32077-87-5	See: LZ0350000
32081-30-4	See: UR8465000
32081-32-6	See: UR8450000
32081-34-8	See: UR8490000
32081-38-2	See: UR8430000
32081-42-8	See: UR8415000
32081-46-2	See: UQ2020000
32081-47-3	See: UQ2060000
32081-53-1	See: UT7565000
32094-69-2	See: KR7060000
*32116-24-8	See: OB5030000
*32116-25-9	See: OB5035000
*32144-31-3	See: BW8924000
32150-38-2	See: YQ9640000
32150-39-3	See: YQ9510000
32150-40-6	See: YQ9480000
32150-41-7	See: YQ9490000
32150-44-0	See: YQ9505000
32150-51-9	See: YQ8830000
32150-52-0	See: YQ9655000
32150-60-0	See: YQ8700000
32150-61-1	See: YQ9875000
32150-62-2	See: YQ9515000
32150-64-4	See: YQ9860000
32150-67-7	See: YQ9835000
32150-68-8	See: YQ9470000
32150-70-2	See: YQ9320000
32150-73-5	See: YQ9870000
32150-74-6	See: YQ9865000
32150-75-7	See: YQ9805000
32150-76-8	See: YQ8695000
32152-27-5	See: TO7885000
32152-30-0	See: MO8420000
32158-41-1	See: FD8400000
32163-58-9	See: TN0375000
32164-16-2	See: YY1830000
*32164-26-4	See: WK5881000
32165-32-5	See: UR6491000
32174-69-9	See: PB9187000
32175-45-4	See: AC9025000
*32177-63-2	See: NM2081200
*32179-45-6	See: NM2080000
*32184-20-6	See: SH1080000
*32185-60-7	See: DK5166000
*32210-23-4	See: AF7117000
*32215-02-4	See: GY1775000
*32222-06-3	See: FZ4645000
32224-73-0	See: LT7300000
*32226-54-3	See: FI2000000
*32226-65-6	See: DL9900000
*32226-69-0	See: VC2525000
*32228-97-0	See: LL5625000
32231-06-4	See: TM1550000
32234-95-0	See: FD8225000
32247-93-1	See: UR8500000
*32248-37-6	See: TN3320000
32250-76-3	See: YQ9500000
*32266-10-7	See: DO6350000
*32266-35-6	See: ES4315000
32280-64-1	See: XI5075000
32314-05-9	See: RO8225000
32319-89-4	See: YT3950000
32319-90-7	See: YT3940000
32319-91-8	See: YR6260000
32327-57-4	See: DH1965000
32341-68-7	See: BO4680000
32349-14-7	See: TY4230000
*32357-99-6	See: TD5200000
*32358-07-9	See: WM8250000
*32358-08-0	See: TE0560000
*32359-24-3	See: SH0262000
*32359-34-5	See: AB2825300
*32362-68-8	See: DI2350000
32362-89-3	See: XZ5353000
*32373-17-4	See: CW4630000
32378-55-5	See: SF7942120
*32385-11-8	See: WK2284900
*32388-21-9	See: RP6320000
32391-55-2	See: KK7415000
32391-60-9	See: QE3125000
32410-93-8	See: DB1945000
32410-94-9	See: DB2400000
32410-95-0	See: DB2350000
32410-96-1	See: DB1965000
32410-97-2	See: DB1935000
32410-98-3	See: DB2300000
32410-99-4	See: DB1955000
32411-00-0	See: DB2790000
32411-01-1	See: DB1265000
32411-02-2	See: DB1280000
32411-03-3	See: XT5720000
32411-06-6	See: XT5660000
32411-07-7	See: DB1540000
32411-08-8	See: XT5620000
32412-03-6	See: CV4577500
32412-06-9	See: CV5421600
32412-08-1	See: CV5420200
32412-14-9	See: CV5422200
32412-16-1	See: CV5421000
32412-18-3	See: CV5424000
32412-28-5	See: CV2441300
32412-30-9	See: CV2440700
32412-32-1	See: CV2441800
32412-34-3	See: CV4572500
32414-28-1	See: DP4025000
32416-18-5	See: CV5792500
32416-20-9	See: CV5599000
32416-22-1	See: CV5797500
32416-24-3	See: CV5585500
32417-04-2	See: CV5414600
32417-06-4	See: CV5413200
32417-08-6	See: CV5415800
32417-10-0	See: CV4575000
32417-13-3	See: CV5417600
32417-20-2	See: CV5418200
32417-22-4	See: CV5417000
32417-24-6	See: CV5419600
32417-54-2	See: CV4275000
32417-61-1	See: CV2449000
32417-63-3	See: CV4630000
32418-54-5	See: RO0780000
32418-58-9	See: RO0816000
32418-59-0	See: RO0815000
32421-45-7	See: QJ1892500
*32421-46-8	See: QJ1890000
32421-47-9	See: QJ1891500
32421-48-0	See: VB1170000
32421-49-1	See: QJ1898500
32421-50-4	See: NW6998000
32421-51-5	See: NW6998600
32421-54-8	See: VB1171500
32421-56-0	See: QJ1897500
*32425-83-5	See: GY5711000
32425-90-4	See: EM9150000
32434-10-9	See: NM8875000
32446-40-5	See: XL1750000
*32447-45-3	See: CY9053500
*32449-92-6	See: LZ8930000
*32458-57-4	See: BQ3980000
32461-94-2	See: RP0350000
32470-58-9	See: QJ0534000
32476-55-4	See: CR4900000
*32479-72-4	See: UU2200700
32496-40-5	See: EZ3460000
32515-31-4	See: RO0820000
32515-42-7	See: CV4250000
32522-68-2	See: TD9500000
*32524-44-0	See: UV9400000
*32527-15-4	See: MM3620500
32527-53-0	See: DL7025000
32550-21-3	See: FD8860000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*32550-63-3	See: XF7850000
*32550-64-4	See: XZ4928000
*32550-66-6	See: XZ4928100
*32550-67-7	See: XZ5467000
32551-34-1	See: MV6375000
32563-71-6	See: XJ7115000
32575-80-7	See: TE7700000
32595-29-2	See: NI9740000
32596-82-0	See: VC3540000
32596-83-1	See: VC3542000
32596-84-2	See: VC3515000
*32598-10-0	See: DV8649900
*32598-13-3	See: DV8650000
*32598-14-4	See: DV8200000
32599-09-0	See: IA3325000
32606-02-3	See: FG7240000
32606-03-4	See: VB7930000
32606-04-5	See: FG7280000
*32612-48-9	See: WB7350000
*32616-17-4	See: DK2263000
*32616-20-9	See: DK2262000
*32616-21-0	See: DK2261000
*32616-23-2	See: DK2260000
32621-59-3	See: DG0545000
32633-63-9	See: UY8582000
*32636-70-7	See: TG0715000
32637-73-3	See: DG0883500
32639-99-9	See: CB2475000
32651-70-0	See: TM3392000
*32654-45-8	See: US1819500
32664-45-2	See: XY3230000
32664-47-4	See: DH6475290
*32665-36-4	See: TM2674500
32666-97-0	See: GU7250000
32674-23-0	See: SZ7750000
32674-72-9	See: YV7650000
32680-30-1	See: BR8400000
*32680-74-3	See: GF9565600
32683-54-8	See: DG8576000
*32700-76-8	See: VA3525000
*32719-36-1	See: EU1650000
32728-78-2	See: MH6000000
*32740-01-5	See: CU3490000
32749-94-3	See: YV3850000
*32752-13-9	See: UA9830130
32752-29-7	See: GZ0612000
*32752-30-0	See: XB8580000
*32762-51-9	See: SJ7874900
*32764-43-5	See: CI7662000
32767-68-3	See: UP9800000
32770-99-3	See: DL2650000
32774-16-6	See: DV5355000
32774-26-8	See: BT1400000
32779-45-6	See: YE0420000
32779-46-7	See: YE0440000
32779-47-8	See: YE0430000
*32780-64-6	See: CV5376000
32781-26-3	See: EO4550000
*32782-46-0	See: LU3140000
*32784-82-0	See: UB6621000
*32787-44-3	See: OW2506000
32787-84-1	See: XZ5263900
32792-54-4	See: DG4997000
32794-97-1	See: AE7200000
*32795-44-1	See: AE1974350
*32795-47-4	See: NX4912800
*32795-84-9	See: CW0180000
*32808-51-8	See: UE8850000
*32808-53-0	See: UE8860000
*32809-16-8	See: GZ2150000
32817-81-5	See: EK2570000
32817-82-6	See: EK2550000
32818-79-4	See: SA2300000
*32828-83-4	See: QM5338000
*32828-84-5	See: SF6100000
*32838-28-1	See: WM9670000
*32852-21-4	See: LQ9100000
32854-75-4	See: OE5784100
32860-39-2	See: TY6792700
32861-04-4	See: BY5268000
*32861-85-1	See: KN8300000
32862-97-8	See: GD8420000
*32865-01-3	See: US4026000
32871-42-4	See: NW8100000
32871-43-5	See: NW8050000
32871-45-7	See: NW8150000
32871-90-2	See: NW6857000
32871-94-6	See: NW7900000
32886-15-0	See: MU5230000
*32887-01-7	See: XI0185000
*32887-03-9	See: XI0187000
*32889-48-8	See: UG1480000
32891-29-5	See: MC5405000
32904-22-6	See: HP7350000
32904-23-7	See: VT3278600
*32905-64-9	See: YV5967000
*32905-65-0	See: YV5967300
*32905-66-1	See: QE9522000
*32905-67-2	See: TN4220900
*32905-69-4	See: TM1826000
*32905-70-7	See: YV5967100
*32905-71-8	See: YU2760000
*32905-80-9	See: YV5967200
32907-28-1	See: VC3530000
32920-32-4	See: DE3135000
32920-59-5	See: DE3140000
32920-60-8	See: DE3130000
32920-66-4	See: DE3142000
32920-67-5	See: DE3145000
32921-23-6	See: OB1780000
32933-59-8	See: NM1892000
32938-33-3	See: DJ1900000
32940-43-5	See: NK9465000
32940-44-6	See: DE3180000
32941-30-3	See: MJ7730000
32954-54-4	See: XU8000000
*32954-58-8	See: SA9050000
32956-94-8	See: RQ5826000
32956-97-1	See: RQ5807000
32956-98-2	See: RQ5785000
32956-99-3	See: RQ5808000
32957-00-9	See: RQ5806000
32957-03-2	See: RQ5780000
32957-04-3	See: RQ5790000
32957-92-9	See: TM3407900
32957-93-0	See: TM3407400
32959-58-3	See: DM4821500
32962-46-2	See: RQ5822000
32962-47-3	See: RQ5760000
32962-48-4	See: RQ5802000
*32976-87-7	See: CW4025000
*32976-88-8	See: EC1750000
*32986-56-4	See: WK2100000
*32988-50-4	See: ZA3900000
32991-48-3	See: AJ3260000
*33005-95-7	See: XM7580000
*33020-34-7	See: OW4725000
33021-93-1	See: YS4910000
33021-94-2	See: YS4800000
33021-95-3	See: YS4950000
33021-96-4	See: YS3800000
33021-98-6	See: YR7750000
33021-99-7	See: YS5130000
33022-00-3	See: YS5100000
33022-01-4	See: YS5103000
33022-02-5	See: YS5106000
33022-03-6	See: YS5110000
33022-04-7	See: YS4920000
33022-05-8	See: YS4925000
33024-34-9	See: YS5120000
33024-36-1	See: YT3930000
33024-37-2	See: YT2810000
33024-38-3	See: YT3915000
33024-39-4	See: YT0055000
33024-40-7	See: YR6270000
33024-41-8	See: YR7770000
33024-42-9	See: YT3970000
33024-46-3	See: YT3960000
33024-47-4	See: YT2110000
33024-48-5	See: YT2120000
33024-89-4	See: NI3570000
33025-06-8	See: XZ1062000
33025-33-1	See: DF4050000
33046-48-9	See: AM9640000
33047-32-4	See: UV1173000
33047-33-5	See: UU9315000
33048-40-7	See: UR7470000
33048-42-9	See: UR6143000
33048-46-3	See: UR6660000
33048-49-6	See: DE7650000
33048-50-9	See: TH9210000
33048-51-0	See: UR6380000
33048-52-1	See: UR6370000
*33048-53-2	See: UR6360000
33048-54-3	See: UR6350000
33049-61-5	See: QC7690000
33049-64-8	See: QD1720000
33054-79-4	See: DG5020000
33054-86-3	See: GF2160000
33054-87-4	See: GF2220000
*33060-69-4	See: ES0818000
*33060-84-3	See: TA1900000
33068-77-8	See: BV8380000
*33069-62-4	See: WX1272100
33073-60-8	See: GU8420000
33073-61-9	See: GU8620000
33073-62-0	See: YS5080000
33075-00-2	See: XI0373000
33077-69-9	See: OB2900000
33077-70-2	See: OB4500000
33082-92-7	See: DK8175000
33086-27-0	See: YQ8900000
*33089-61-1	See: ZF0480000
*33089-74-6	See: LQ4593400
*33094-66-5	See: DF6950000
33098-26-9	See: VB0600000
33098-27-0	See: VD1450000
33098-28-1	See: US4059000
33098-65-6	See: AE2860000
33098-75-8	See: ES5240000
33098-76-9	See: NQ4260000
33098-77-0	See: YV6030000
33098-80-5	See: AE1860000
*33100-27-5	See: SB0200000
33103-21-8	See: ZA3920000
*33103-22-9	See: ZA3930000
33124-11-7	See: RP6753000
*33125-97-2	See: NI4021500
33132-61-5	See: SH0664000
33132-65-9	See: SH6025000
33132-69-3	See: SA6690000
33132-71-7	See: SH0653000
33132-73-9	See: SH4942000
33132-75-1	See: SG9300000
33132-76-2	See: SH0669000
33132-79-5	See: SH5625000
33132-81-9	See: SH6050000
33132-85-3	See: SH0657000
33132-[illegible]	See: SG9260000
33[illegible]	See: SH6000000
33132-91-1	See: SH4944000
33132-93-3	See: SH5620000
33137-73-4	See: ZA3910000
33140-65-7	See: CV4800000
33147-47-6	See: UR6503000
33148-55-9	See: DH6298000
33150-87-7	See: SO5950000
33161-66-9	See: RP6889500
33161-67-0	See: AB8272000
33161-68-1	See: FA4431500
33161-69-2	See: RP6838000
33161-70-5	See: RP6938000
33161-71-6	See: RP6970000
33161-72-7	See: RP6884500
33161-73-8	See: RP6785500
33161-74-9	See: RP6790450
33161-75-0	See: RP6790300
33161-76-1	See: RP6809000
33161-77-2	See: RP6794800
33161-78-3	See: RP6807500
33161-79-4	See: RP6794700
33161-80-7	See: KK7410000
33161-82-9	See: KK7420000
33161-83-0	See: UB4130000
33161-84-1	See: RP6985000
33161-85-2	See: TM7860000
33161-87-4	See: TL6680000
33161-88-5	See: TL6675000
33161-89-6	See: RP6815000
33161-90-9	See: MF1226000
33161-91-0	See: RP6889000
33161-92-1	See: RP6884000
33161-93-2	See: RP6790400
33161-94-3	See: RP6807000
33161-95-4	See: RP6808000
33161-96-5	See: QE3120000
33161-97-6	See: RP6980000
33162-00-4	See: RP6753400
33162-15-1	See: FA4431000
33162-17-3	See: UU9860000
33165-17-2	See: LT7375000
33165-18-3	See: LT7630000
33165-28-5	See: LT7323000
33165-35-4	See: LT7550000
33167-09-8	See: VA3000000
33178-39-1	See: AB8270000
33185-45-4	See: UR6260000
33189-33-2	See: SH8935000
*33204-76-1	See: GZ4390000
33207-14-6	See: LT7330000
33207-16-8	See: LT7640000
33207-35-1	See: LT7470000
33207-37-3	See: LT7360000
33207-41-9	See: LT7440000
33207-43-1	See: LT7270000
33207-45-3	See: LT7430000
33207-47-5	See: LT7260000
33207-48-6	See: LT7340000
33207-49-7	See: LT7280000
33207-51-1	See: LT7620000

BEST COPY AVAILABLE

CAS No.	RTECS No.
33210-37-6	See: HM4075000
33210-39-8	See: UV9890000
33210-40-1	See: UV9820000
33210-42-3	See: UV9840000
33210-43-4	See: UV9810000
33210-44-5	See: UV9940000
33210-47-8	See: UV9970000
33210-48-9	See: UV9860000
33210-49-0	See: UW0160000
33210-51-4	See: UV9930000
33210-54-7	See: HM4085000
33210-55-8	See: HM4080000
33210-59-2	See: UV9780000
33210-60-5	See: UV9880000
33210-62-7	See: UW0130000
33211-51-7	See: DF2400000
33213-82-0	See: UV9990000
*33215-60-0	See: CU7376000
*33229-34-4	See: KL2880000
33232-39-2	See: DL0460000
33232-85-8	See: SZ8528000
33232-87-0	See: SZ7910000
33232-88-1	See: SZ8450000
33235-78-8	See: NJ2400000
33235-81-3	See: UW0110000
33235-83-5	See: UW0230000
33235-84-6	See: UV9790000
33235-85-7	See: UV9910000
33235-90-4	See: UW0200000
33235-92-6	See: UW0150000
33235-94-8	See: UW0190000
33235-96-0	See: UV9920000
33235-97-1	See: UW0250000
33235-98-2	See: UW0210000
33235-99-3	See: UW0180000
33236-00-9	See: UV9750000
33236-01-0	See: UW0170000
33236-02-1	See: UV9950000
33236-04-3	See: UV9760000
33236-05-4	See: UV9870000
33236-06-5	See: UV9830000
33236-07-6	See: UW0120000
33236-08-7	See: UV9980000
33236-09-8	See: UV9960000
33236-10-1	See: UW0100000
33236-11-2	See: UW7120000
33236-13-4	See: UW0140000
33236-18-9	See: NJ3000000
33236-21-4	See: NJ4400000
33236-23-6	See: NJ2500000
*33237-74-0	See: TX7386000
*33245-39-5	See: XU5160000
*33249-16-0	See: YV9050000
*33265-79-1	See: TM8805000
33267-37-7	See: SZ8500000
33267-71-9	See: UV9850000
*33271-65-7	See: GL7350000
33279-02-6	See: QK4810000
33279-57-1	See: FH5091000
*33286-22-5	See: DL0310000
*33286-30-5	See: NZ8173500
33301-24-5	See: HQ2885000
33310-48-4	See: QK0365500
33310-49-5	See: QK0365600
33310-50-8	See: QK0365100
33310-51-9	See: QK0366400
33310-52-0	See: QK0365250
33310-54-2	See: UY1550000
33310-55-3	See: UY1540000
33310-57-5	See: UY1530000
33310-58-6	See: UY1560000
33310-59-7	See: TN2065000
33310-61-1	See: TN2080000
33310-62-2	See: TN2020000
33310-63-3	See: TN2040000
*33310-64-4	See: TN2030000
33310-66-6	See: QE7375000
33310-69-9	See: QE7360000
33310-70-2	See: QE7380000
33310-71-3	See: QE7390000
33310-81-5	See: AL3700000
33311-49-8	See: XJ7105000
33311-50-1	See: XJ7110000
33311-52-3	See: XJ7095000
33318-24-0	See: DE8014000
33318-54-6	See: QK0365850
33318-56-8	See: QK0365300
33318-58-0	See: QK0365350
33318-59-1	See: QK0366250
33318-60-4	See: QK0365450
33318-61-5	See: QK0365550
33318-62-6	See: QK0365200
33318-63-7	See: QK0365650
33326-12-4	See: TD2515000
33326-83-9	See: UI1562000
33326-84-0	See: UI0870000
33326-87-3	See: EO5180000
33326-94-2	See: EO4600000
33326-95-3	See: UI2850000
33326-96-4	See: UI0730000
33326-98-6	See: UI4130000
33327-00-3	See: EO5170000
33328-52-8	See: BS8450000
33328-56-2	See: XJ7125000
33328-57-3	See: BS8500000
33328-58-4	See: XJ7065000
33330-30-2	See: DG4428000
33330-89-1	See: CV4751910
*33330-91-5	See: CV4751920
33332-07-9	See: NX3325000
*33342-06-2	See: YS7575000
33345-97-0	See: UV1164000
33353-22-9	See: DE4163000
33354-22-2	See: DL7040000
33366-63-1	See: QK0366100
33366-64-2	See: UY1510000
33366-65-3	See: QE7370000
33367-56-5	See: AF5457800
*33372-39-3	See: VA1351700
33372-40-6	See: VA3310000
33376-05-5	See: NJ5902000
33376-25-9	See: CQ7054000
*33382-06-8	See: UY0877500
33382-08-0	See: UY0877200
*33384-03-1	See: AL1225000
33386-08-2	See: CL9215000
33388-72-6	See: DT5350000
*33389-33-2	See: VA3240000
*33389-36-5	See: VA1450000
33390-21-5	See: DM2901300
33390-28-2	See: DM2901400
33390-32-8	See: DM2901450
33390-35-1	See: DM2900000
33391-13-8	See: NM2086500
33391-14-9	See: NM2086000
33391-15-0	See: NM2085000
33391-16-1	See: NM2087500
33391-22-9	See: NM2110000
33391-24-1	See: NM2160000
33391-26-3	See: NM2098000
33391-27-4	See: NM2140000
33391-29-6	See: NM2091000
33391-30-9	See: NM2130000
33391-31-0	See: NM2099000
33391-32-1	See: NM2092000
33391-33-2	See: NM2150000
33391-42-3	See: NM2093000
33391-46-7	See: NM2088500
33391-49-0	See: NM2120000
33391-50-3	See: NM2202000
33396-37-1	See: EI3700000
*33399-00-7	See: TB8450000
*33400-47-4	See: US4098000
*33401-46-6	See: UV7717200
*33401-94-4	See: UW0249000
33402-03-8	See: DN5160000
*33404-78-3	See: AG5300000
33404-85-2	See: WH0203000
33406-36-9	See: YE0600000
33406-37-0	See: YE0619900
*33414-37-8	See: SG8025000
*33419-42-0	See: KC0190000
33419-68-0	See: MV7140000
33421-69-1	See: YV7975000
33421-70-4	See: YV7953000
33421-71-5	See: YV7962000
33421-72-6	See: YV7966000
*33422-49-0	See: DG4997700
*33422-50-3	See: DG4449200
*33422-53-6	See: DH2185900
*33422-54-7	See: BZ4697500
*33422-58-1	See: DG1575400
*33422-61-6	See: OB4502500
*33422-64-9	See: OB4320000
*33423-92-6	See: HP3495000
*33424-05-4	See: SF7705500
33426-53-8	See: UO8978000
*33426-97-0	See: OB4359300
33433-18-0	See: QK0365400
*33439-45-1	See: YS4727000
*33445-03-3	See: TP8640000
*33446-21-8	See: QL0548000
33447-90-4	See: MO2370000
*33447-91-5	See: MO2365000
*33448-19-0	See: QM5348100
*33448-24-7	See: SF6110000
*33448-28-1	See: AY5090000
*33450-08-7	See: DE4927000
33451-91-1	See: YV7979000
33451-96-6	See: TM3405000
*33453-96-2	See: PC3370000
33456-17-6	See: NM2082000
*33456-19-8	See: NM2083300
33456-21-2	See: NM2082500
33456-22-3	See: NM2100000
33456-23-4	See: NM2094000
33456-24-5	See: NM2180000
*33456-27-8	See: NM2081900
33456-35-8	See: NM2085500
*33467-73-1	See: MP8550000
*33467-74-2	See: MP8645100
33472-71-8	See: FD9740000
33472-72-9	See: FD9720000
33490-33-4	See: EX8927000
33494-96-1	See: VO4500000
*33507-41-4	See: OB4359310
33510-03-1	See: NM2087000
*33510-44-0	See: BV8047720
*33510-45-1	See: BV8044370
*33510-67-7	See: KG8031100
*33510-68-8	See: BV8060230
33512-74-2	See: YV7970000
33512-76-4	See: TN6203500
*33514-81-7	See: KG7985000
*33514-82-8	See: BV7995000
*33514-83-9	See: BV8397300
*33514-91-9	See: BV8515600
33515-55-8	See: UY4551200
33522-64-4	See: MW0342500
33522-65-5	See: MW0335000
33522-80-4	See: QT0840000
33522-81-5	See: QT0880000
33522-82-6	See: QT0860000
33531-31-6	See: FD8470000
33531-32-7	See: FD8530000
33531-33-8	See: FD8430000
33531-34-9	See: FD8500000
33531-36-1	See: FD8810000
33531-37-2	See: FD8880000
33531-39-4	See: FD8850000
33531-50-9	See: FD7450000
33531-51-0	See: FD9300000
33531-52-1	See: FD7620000
33531-53-2	See: FD7600000
33531-54-3	See: FD7820000
33531-55-4	See: FD7800000
33531-56-5	See: FD7840000
33531-57-6	See: FD9360000
33531-58-7	See: FD9340000
*33531-59-8	See: FD9320000
33531-64-5	See: FD8510000
33533-90-3	See: XU2050000
*33537-39-2	See: TM3394300
33538-71-5	See: YX4556000
*33543-31-6	See: LL4550000
*33550-22-0	See: WH6797000
33551-84-7	See: XK9850000
33560-48-4	See: AE7890000
*33564-30-6	See: XI0330500
*33568-99-9	See: WH6727000
33581-86-1	See: WO7183380
33581-88-3	See: WO7183390
33581-89-4	See: WO7183420
33581-90-7	See: WO7183350
33581-91-8	See: WO7183200
33581-94-1	See: WO7183300
*33585-28-3	See: NM2083100
33592-97-1	See: FD8600000
33605-67-3	See: RS7580000
33607-86-2	See: GA8734000
*33607-87-3	See: GA8735000
33624-74-7	See: NI3510000
33624-75-8	See: NI3620000
33627-41-7	See: GU3118500
*33629-47-9	See: BW9500000
33631-41-3	See: VH6410000
33631-47-9	See: VH6413000
33632-27-8	See: NM1892800
33634-55-8	See: TP2245000
33646-40-1	See: OO8500000
33656-20-1	See: OB1700000
33662-62-3	See: HP2420000
33667-88-8	See: XS4880000
*33668-12-1	See: UU8830000
33671-37-3	See: XJ9020000
*33671-46-4	See: XJ9040000
*33693-04-8	See: XY5020000
*33697-73-3	See: UY1229000
*33698-51-0	See: UU8841000
33709-29-4	See: AN0529000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
33713-04-1	See: AU4950000
33713-13-2	See: VN8025000
33727-98-9	See: TP2497350
*33733-31-2	See: SZ8566100
*33739-52-5	See: GU3830300
*33739-54-7	See: YN2346000
33739-60-5	See: GU3850000
*33755-46-3	See: TU4065000
33765-80-9	See: KG7890000
*33779-66-7	See: FC4740000
33779-70-3	See: SF7949000
*33781-24-7	See: CY4200000
33785-82-9	See: MW0348000
33791-86-5	See: DM2901100
*33795-18-5	See: SZ8566300
*33804-48-7	See: AE2250000
33811-86-8	See: RO8400000
33812-14-5	See: EC1650000
*33813-20-6	See: NI2935500
33817-09-3	See: SH4905000
33817-20-8	See: XH8380000
*33820-53-0	See: BX9286000
33829-48-0	See: PA5280000
33844-77-8	See: GW2513000
33844-78-9	See: GW2512000
33852-17-4	See: UV1168000
33852-22-1	See: UU9330000
33852-24-3	See: UU9345000
33852-25-4	See: UU9290000
*33854-16-9	See: UK8021500
33855-47-9	See: KV2870000
*33857-26-0	See: HP3100000
*33857-28-2	See: HP3630000
*33868-17-6	See: GS6480000
33872-85-4	See: YQ9645000
*33878-50-1	See: UE7550000
33886-93-0	See: XJ2875000
33887-04-6	See: YT9850000
*33887-07-9	See: AB4546750
*33887-08-0	See: AB5089210
*33887-09-1	See: AB5089200
*33887-10-4	See: TM3505080
33889-22-4	See: MQ2997000
33892-75-0	See: QK4800000
*33902-86-2	See: GU4605000
33904-55-1	See: RM2981000
33918-08-0	See: RQ2115000
33921-12-9	See: BY2500000
*33942-87-9	See: HO7070000
*33942-88-0	See: DI6155000
*33944-90-0	See: MA2276500
33952-38-4	See: CK1000000
33953-64-9	See: HO8830000
*33953-73-0	See: DJ8260000
33954-74-4	See: AD5040000
33954-75-5	See: AD5000000
33954-76-6	See: AD5060000
33954-78-8	See: AD5100000
33955-27-0	See: OE3047000
33956-61-5	See: RA5362000
33965-80-9	See: OD8575000
*33972-75-7	See: PA2300000
33973-48-7	See: SZ9065000
33973-56-7	See: SZ6950000
*33977-30-9	See: MO7804000
33979-15-6	See: VT5800000
33983-16-3	See: AM7180000
33986-15-1	See: AM0875000
34005-60-2	See: SM2800000
34005-61-3	See: SM2625000
*34014-18-1	See: YS4250000
34014-60-3	See: US7979000
34024-38-9	See: AK8165800
*34024-41-4	See: NL2534000
*34031-32-8	See: MD6500000
*34041-03-7	See: MX8407000
*34042-85-8	See: DL0710500
34044-10-5	See: QI9283700
34051-87-1	See: VC3961605
*34067-03-3	See: UY1036000
34081-95-3	See: VH7100000
34097-88-6	See: BT0720000
*34099-73-5	See: ED4590000
34113-46-7	See: AG0600000
34114-98-2	See: YD0105000
34114-99-3	See: YC9980000
*34123-59-6	See: YT0170000
34135-75-6	See: KM5500000
*34148-01-1	See: NK4503000
*34149-92-3	See: TR8090000
34164-06-2	See: AO6730000
*34177-12-3	See: XZ2852000
34184-94-6	See: CU5195000
*34185-02-9	See: AC3595000
34195-34-1	See: QD2840000
34200-96-9	See: MJ7201000
34202-69-2	See: UC2700000
*34205-21-5	See: YS4000000
34206-60-5	See: PB9189700
*34209-90-0	See: SB2252000
*34210-02-1	See: WL5000000
34211-26-2	See: UU6823000
*34211-28-4	See: UU4728000
34211-31-9	See: UU4732000
*34211-33-1	See: UU2990500
*34211-36-4	See: UU2993000
*34214-51-2	See: XH8670000
*34216-34-7	See: GX1806000
*34240-68-1	See: GA4028500
*34244-14-9	See: UR2450500
*34255-03-3	See: VC8424000
*34257-95-9	See: BD9638000
*34260-65-6	See: PC1220000
34262-84-5	See: WU7684000
*34272-64-5	See: XJ1921000
*34272-65-6	See: XJ1920000
*34272-66-7	See: XJ1922000
*34272-67-8	See: XJ1922500
*34272-68-9	See: XJ1923000
34273-98-8	See: UQ3929700
34273-99-9	See: UQ3929100
34274-18-5	See: DF3790000
*34275-02-0	See: CV5378000
34279-51-1	See: XI0321600
*34289-01-5	See: UY1329410
*34289-02-6	See: DM0016300
34291-02-6	See: WK2302000
34291-03-7	See: BE0186000
34302-25-5	See: FH4906000
34304-21-7	See: JX1040000
*34314-06-2	See: DD1752000
34314-63-1	See: RP6250000
*34319-22-7	See: DF6474000
34320-71-3	See: XU1880000
34320-82-6	See: UQ9700000
*34329-69-6	See: UU6816000
*34333-07-8	See: XK4860000
*34346-90-2	See: GD6850000
*34346-96-8	See: CW0450000
*34346-97-9	See: CW0425000
*34346-98-0	See: CW0250000
*34346-99-1	See: CW0400000
34348-59-9	See: SB3921000
34352-60-8	See: UR6090000
34356-73-5	See: GO5500000
34365-21-4	See: YR8970000
*34367-04-9	See: FM3375000
34367-34-5	See: DJ0450000
34374-04-4	See: HP8050000
34375-49-0	See: XJ6220000
34375-50-3	See: XJ6230000
34375-51-4	See: XJ6240000
34375-73-0	See: FA6470000
34375-78-5	See: UQ9880000
34375-80-9	See: RQ5820000
34375-81-0	See: RQ5800000
34375-83-2	See: RQ5810000
*34381-68-5	See: ES5235000
34387-07-0	See: DL8340000
34387-08-1	See: DL8310000
*34388-24-4	See: UQ8959000
*34391-10-1	See: DG8736000
34394-05-3	See: CP8404000
34405-42-0	See: UA6300000
34415-10-6	See: UV7790000
*34418-48-9	See: XJ3683090
*34426-53-4	See: QS4476200
*34429-70-4	See: UY7625500
34431-62-4	See: LF0200000
*34432-82-1	See: UB0252000
*34433-31-3	See: UU2990000
*34435-70-6	See: SA9060000
34438-27-2	See: JZ4107100
*34441-47-9	See: WL4461000
34451-66-6	See: ET9950000
34459-52-4	See: XT0560000
*34461-49-9	See: LM4200000
*34461-73-9	See: OO0624000
*34465-46-8	See: HP3200000
*34481-84-0	See: CB3315000
34486-71-0	See: CQ3380000
*34490-93-2	See: GN4860000
*34491-04-8	See: TC2870000
*34491-12-8	See: TA4250000
34492-32-5	See: TB5980000
*34493-98-6	See: WK1985000
*34494-09-2	See: AR9830000
*34500-18-0	See: EK7943000
*34501-24-1	See: CW1790000
34501-55-8	See: CX5150000
34513-77-4	See: ED7550000
*34521-09-0	See: CC8050000
34521-14-7	See: BO4563000
34521-15-8	See: BR6450000
34521-16-9	See: BP8235000
*34522-40-2	See: BX8650000
*34524-20-4	See: ED7325000
34543-48-1	See: SH4939000
34543-52-7	See: SH5610000
34544-12-2	See: DM4895000
*34544-69-9	See: XJ7054400
*34547-33-6	See: XJ7054300
34548-72-6	See: XM7900000
*34551-16-1	See: XJ7054350
*34551-88-7	See: DB1577000
*34551-91-2	See: TM6483000
*34551-92-3	See: TM6498800
*34551-93-4	See: TM6492000
*34551-94-5	See: TM6492500
*34551-95-6	See: TM4952500
*34551-96-7	See: TM4955000
*34551-97-8	See: TN2270000
34552-12-0	See: TN4560000
*34552-18-6	See: TN4580000
*34552-19-7	See: TN4627000
*34552-25-5	See: TN4723000
34552-78-8	See: QM4985000
34552-82-4	See: TM4960500
*34552-83-5	See: TM4960000
34562-99-7	See: EK7713500
34563-73-0	See: NN6300000
34569-08-9	See: TC5350000
*34580-14-8	See: DE8260000
34580-64-8	See: AK0400000
34580-65-9	See: AK0403000
34580-66-0	See: UC3885000
34580-68-2	See: UI2490000
34580-71-7	See: KR5430000
34580-72-8	See: KR6708850
34580-73-9	See: UC0210000
34580-74-0	See: KM5428000
34580-75-1	See: UR0710500
34580-77-3	See: UR0715800
*34590-94-8	See: JM1575000
34592-40-0	See: AY4251200
34594-41-7	See: UO3517000
34594-42-8	See: UO3510000
34594-44-0	See: UO3513000
34595-24-9	See: TM6468200
*34597-40-5	See: UF6550000
34607-75-5	See: NM7519200
34614-29-4	See: UR0705500
34614-30-7	See: UR0712000
34618-16-1	See: ZD8450000
34618-17-2	See: XJ7054820
34618-66-1	See: TM3405500
*34619-99-3	See: TN4229000
*34622-58-7	See: EZ7259400
34622-68-9	See: TC0275000
*34624-20-9	See: TN4724000
*34624-21-0	See: TN4722000
*34624-22-1	See: TN4570000
34624-81-2	See: SK8280000
*34627-78-6	See: DF4921000
*34643-09-9	See: CY1576250
34643-12-4	See: CY1576400
*34643-46-4	See: TD5680000
*34645-84-6	See: CY1577850
34646-53-2	See: TY5100000
34646-56-5	See: TZ0810000
*34661-75-1	See: YQ9862000
*34675-77-9	See: UC2984000
34675-79-1	See: TM2765000
*34675-98-4	See: AU7357800
34677-80-0	See: UB8602500
*34681-10-2	See: EL9215000
*34681-23-7	See: EL9210000
*34687-46-2	See: GY4970000
34691-31-1	See: UF6650000
34703-49-6	See: TM7100000
34712-64-6	See: TK3425000
34721-13-6	See: TQ2640000
*34723-12-1	See: GU3830400
*34723-64-3	See: YR7756000
*34723-70-1	See: YR7735500
34753-40-7	See: WH1254000
34753-48-5	See: WH1222000
34753-50-9	See: WH1240000
34753-53-2	See: WH1250000
34753-55-4	See: WH1248000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
*34758-84-4	See: TL9310000
34789-09-8	See: AB2615000
34793-16-3	See: MP8300000
*34794-85-9	See: XJ5813500
34800-28-7	See: AC6765000
*34801-16-6	See: XJ2870080
*34807-41-5	See: HB5425500
34811-66-0	See: TK6350000
*34816-53-0	See: HP3496000
34816-55-2	See: RC8945000
*34828-67-6	See: KG7400000
*34832-35-4	See: AJ7565000
*34839-12-8	See: UA5788000
*34839-13-9	See: UA5787000
*34839-14-0	See: UA5767500
*34839-70-8	See: YT7750000
34861-52-4	See: TM9340000
34864-30-7	See: RH0780500
34866-46-1	See: YS3700000
*34868-49-0	See: JH9431000
*34883-43-7	See: DV3905000
*34887-52-0	See: DJ2548200
34900-73-7	See: OP5300000
34914-27-7	See: AJ3295000
*34915-68-9	See: DI2530000
*34920-62-2	See: DO8306000
*34920-63-3	See: DO8305000
*34920-64-4	See: DO8307000
*34929-08-3	See: VA1411200
34932-07-5	See: LU5170000
*34941-71-4	See: UV9721000
*34943-92-5	See: NM2081800
*34943-93-6	See: NM2084120
*34943-94-7	See: NM2081700
*34943-96-9	See: NM2084100
34943-97-0	See: NM2083500
*34943-99-2	See: NM2081600
*34944-00-8	See: NM2081300
*34944-01-9	See: NM2083900
*34944-02-0	See: NM2081400
*34947-51-8	See: GY5930000
34952-16-4	See: VC3180000
34955-47-0	See: EO4960000
34959-90-5	See: SB4240000
34961-28-9	See: LQ7550000
34968-90-6	See: NJ1000000
35013-90-2	See: UU3873700
35020-81-6	See: XJ7050270
35022-53-8	See: TP2494000
35028-95-6	See: TP2497400
35035-05-3	See: TN5083000
35042-98-9	See: KN8550000
*35050-55-6	See: UY8533000
35051-49-1	See: YV6485000
*35059-09-7	See: SH1400000
35059-15-5	See: QJ5285000
35059-16-6	See: NK3900000
*35065-27-1	See: DV5350000
35067-60-8	See: TM4025000
*35077-51-1	See: AE2295000
*35080-11-6	See: AX8155800
35085-65-5	See: DN4900000
35086-98-7	See: DN5250000
*35089-70-4	See: MF3330000
35106-08-2	See: DN8225000
35107-70-1	See: CQ3750000
*35108-88-4	See: UA8500000
35115-50-5	See: DJ2614000
*35132-89-9	See: AC3643000
35139-98-1	See: HM0423000
*35142-05-3	See: SF8278000
*35142-06-4	See: SF8279000
35142-71-3	See: HM0425000
35149-38-3	See: UR0760000
35154-45-1	See: NY1505000
*35158-25-9	See: MP6450000
35161-70-7	See: MQ5400000
35167-13-6	See: SF0230000
35167-14-7	See: SF0190000
35173-39-8	See: SF9802000
35186-69-7	See: XZ6156500
*35187-24-7	See: CX3850000
*35187-27-0	See: CX4900000
*35187-28-1	See: CW3675000
35189-14-1	See: CQ3746000
35189-15-2	See: CQ3743000
*35189-28-7	See: JF7976000
35206-02-1	See: XH3940000
35218-75-8	See: DB7332000
35225-13-9	See: KD1863000
35229-99-3	See: KK7240000
*35231-83-5	See: BQ8075000
*35231-84-6	See: BQ8070000
*35231-85-7	See: BQ8080000
*35231-86-8	See: BQ8194000
35232-96-3	See: HO0175000
*35245-80-8	See: SM9460000
*35249-69-5	See: AJ1750000
*35250-53-4	See: KJ2551000
35253-08-8	See: CY1490010
35253-09-9	See: CY1490000
35255-58-4	See: QJ2620000
35256-85-0	See: UE3152000
*35257-18-2	See: XZ5479400
*35258-08-3	See: YE2113490
*35258-12-9	See: YE0612000
*35258-20-9	See: YE2101000
*35263-93-5	See: SG7887600
*35263-94-6	See: EL0660000
*35263-96-8	See: SG7887400
*35278-53-6	See: UX9771200
*35281-25-5	See: DM2000000
*35281-27-7	See: FZ3620000
*35281-29-9	See: CW1800000
*35281-32-4	See: HO7005000
*35281-34-6	See: HO7050000
*35281-51-7	See: DI6220000
*35282-68-9	See: DO5435500
35282-69-0	See: DA4795700
35285-68-8	See: DH2200000
35285-69-9	See: DH2850000
*35285-70-2	See: NS2293000
*35285-72-4	See: QT0590000
*35285-73-5	See: NS1104000
*35287-69-5	See: EC2460000
*35287-72-0	See: EC2462000
35303-08-3	See: DE7034000
35303-12-9	See: DE7036000
35303-13-0	See: DE7030000
35303-14-1	See: DE7032000
35306-33-3	See: LX9150000
35309-26-3	See: HP3081750
35317-30-7	See: LV2455000
35317-31-8	See: LV2600000
*35317-79-4	See: KM4950000
35318-40-2	See: TN0417000
*35335-07-0	See: HN4200000
*35337-98-5	See: RC1295000
*35340-63-7	See: ES7345000
*35346-73-7	See: TM3505110
*35346-74-8	See: AB7234900
35366-20-2	See: SH1065000
35366-22-4	See: SH0695000
35366-24-6	See: SH0690000
*35367-38-5	See: YS6200000
35368-41-3	See: AD0660000
35375-29-?	See: BU2800000
35384-89-5	See: SH0662000
35384-91-9	See: SH0663000
35386-89-1	See: UX9771000
35399-82-7	See: SC0700000
*35400-43-2	See: TE4165000
*35401-80-0	See: XF6863100
35411-68-8	See: FD8891500
*35412-68-1	See: KL3770000
*35412-73-8	See: CO4030000
35425-83-3	See: VD6127500
35438-70-1	See: ED5795000
*35440-49-4	See: ZG0900000
35452-76-7	See: TL3498000
35452-77-8	See: TM6680000
35452-83-6	See: SL5720000
*35457-80-8	See: OH4730600
35457-81-9	See: OH4726200
35459-95-1	See: XJ2200000
*35461-10-0	See: TD7950000
*35461-29-1	See: AI5500000
35462-54-5	See: BX6000000
35471-87-5	See: UI0800000
35475-66-2	See: NM2252000
35475-74-2	See: NM2253000
*35483-50-2	See: DU3120000
35493-94-8	See: TM6500000
*35495-11-5	See: SL0562500
*35504-85-9	See: EM9235500
*35506-85-5	See: WT3510000
*35507-35-8	See: EX9450000
35512-37-9	See: WK5884000
35513-16-7	See: HP1104000
*35515-48-1	See: XZ5478470
35515-92-5	See: CM3260000
*35523-89-8	See: UY8708500
35531-84-1	See: DE4160700
35531-85-2	See: DE4160500
35533-29-0	See: VI8500000
35536-76-6	See: FH4450000
*35543-24-9	See: EL9900000
35543-25-0	See: UY0270000
35554-08-6	See: UY8708600
35554-44-0	See: NI4776000
35572-78-2	See: XU6090000
35597-43-4	See: AY6826000
35604-67-2	See: QE3950000
*35607-13-7	See: UB4799000
*35607-24-0	See: DG8712000
*35607-25-1	See: DG8730500
*35607-26-2	See: DG8577000
*35607-36-4	See: NS5310000
35607-66-0	See: XI0386500
35607-92-2	See: PB0435000
*35619-65-9	See: QF1790000
*35623-89-3	See: SG7887200
35624-96-5	See: NY2950000
35624-97-6	See: SL1000000
*35627-29-3	See: RP6400000
35629-36-8	See: AC6325000
35629-37-9	See: AB8120000
35629-38-0	See: AC7790000
35629-39-1	See: AB8260000
35629-40-4	See: AB4115000
35629-41-5	See: AC9700000
35629-44-8	See: YT3600000
35629-45-9	See: YT9900000
35629-46-0	See: YT5700000
35629-47-1	See: YS3980000
35629-48-2	See: YS6535000
35629-49-3	See: YS6500000
35629-50-6	See: YS6570000
35629-52-8	See: YT9950000
35629-61-9	See: RQ5840000
*35629-62-0	See: RQ5838000
35639-55-5	See: FE2500000
35642-71-8	See: AB7631500
35647-81-5	See: AB7918000
35653-70-4	See: XU6050000
*35656-02-1	See: UQ1469000
*35656-65-2	See: EV0190000
35663-84-4	See: MQ2832000
35663-85-5	See: UC6320000
35665-49-7	See: WK1978000
35675-23-1	See: XY2974000
35690-02-9	See: BO9462000
35690-05-2	See: BO6820000
35690-06-3	See: BO3740000
35690-07-4	See: BO6590000
35690-10-9	See: QF2440000
35690-12-1	See: TN4620000
35690-13-2	See: TN4610000
35690-14-3	See: BO9460000
35697-34-8	See: CB5745400
*35700-23-3	See: UK8021000
*35700-27-7	See: UK7896000
*35704-19-9	See: AE1846000
*35711-34-3	See: UX9290000
35718-03-7	See: RB6955000
35720-95-7	See: XJ6151000
35725-30-5	See: JW1050000
35725-31-6	See: MS8050000
35725-33-8	See: XP1050000
*35727-72-1	See: GU7746000
35727-83-4	See: DC1973000
35727-85-6	See: DC1972500
35727-87-8	See: DC1974000
35727-88-9	See: DC1971500
35727-90-3	See: DC1967000
35727-96-9	See: DC1961000
35727-97-0	See: DC1960000
35727-98-1	See: DC1972000
35727-99-2	See: DC1962000
35728-00-8	See: DC1963000
35728-01-9	See: DC1973500
35728-02-0	See: DC1975000
35728-03-1	See: DC1971000
*35728-33-7	See: JL6710000
35748-35-7	See: SP7650000
35749-21-4	See: EL1400000
35763-44-1	See: CQ2100000
*35764-59-1	See: GZ1430000
35764-71-7	See: CB0730000
35764-73-9	See: CB0760000
35783-57-4	See: AB5085000
35787-74-7	See: TC0600000
35788-21-7	See: VJ2227000
35793-56-7	See: XJ0772000
35805-95-9	See: UU7940000
35805-99-3	See: UU8035000
35806-01-0	See: UU8100000
35806-02-1	See: UU8120000
*35811-18-8	See: FH4945000
35812-43-2	See: QT1090000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*35822-46-9	See: HP3190000
*35822-51-6	See: JI2700000
35823-05-3	See: MO1318000
*35834-26-5	See: JG6800000
35839-22-6	See: TN4434000
35844-94-1	See: UY2261000
*35846-53-8	See: OQ2290000
*35848-09-0	See: CL5595100
35849-41-3	See: AY3850000
35851-9?-8	See: UV1167000
*35858-25-4	See: JH9420000
*35858-26-5	See: JH8500000
*35860-31-2	See: JJ9150000
*35860-51-6	See: VH1250000
*35860-51-6	See: VH1255000
*35865-33-9	See: HL5521000
35873-40-6	See: XH5000000
35873-41-7	See: XH6486000
35873-44-0	See: XH5800000
35873-47-3	See: XH5093800
35873-48-4	See: XH5093?00
35873-49-5	See: XH5093600
35875-81-1	See: SK3550000
35883-43-3	See: CL5615950
35883-48-8	See: CL5525900
*35884-45-8	See: UY1570000
35891-69-1	See: LU3462000
35891-70-4	See: JX3890000
35891-88-4	See: AN7503500
35891-89-5	See: AN7741700
35891-90-8	See: AN7740350
35891-91-9	See: AN7740300
35896-51-6	See: MD2705000
35899-39-9	See: XH5098400
*35906-51-5	See: QI9277700
35908-44-2	See: OH4730630
35910-16-8	See: NK8932000
*35919-82-5	See: FH4935000
*35936-71-1	See: RB5916000
*35941-65-2	See: HO8887000
*35941-71-0	See: TL7050000
35944-64-0	See: XU7700000
35944-73-1	See: GY4375000
35944-74-2	See: NI4200000
35944-79-7	See: TB2800000
35944-82-2	See: TB3500000
35944-83-3	See: TB5250000
35944-84-4	See: TB5775000
35944-85-5	See: TB8806000
35944-86-6	See: TB8820000
35944-88-8	See: TF5425000
*35958-51-1	See: DT2825000
35959-71-8	See: YV6195000
35959-94-5	See: AY6000000
35961-94-5	See: VB7882000
35967-28-3	See: DG9130010
35972-50-0	See: DG9130000
35973-24-1	See: VB2180000
35973-85-4	See: DL8300000
35973-87-6	See: DL8320000
35976-64-8	See: VB7886000
35976-65-9	See: VB7880000
35976-67-1	See: VB7884000
*35991-90-3	See: EK7395000
*35991-93-6	See: ES5222000
*35991-94-7	See: EK7390000
35996-72-6	See: SZ4360000
36001-71-5	See: FD0831000
*36001-88-4	See: TB5100000
36011-19-5	See: HA5360000
36015-30-2	See: SF7949500
36019-37-1	See: WK2120000
36024-66-5	See: LQ1050000
36025-69-1	See: OH4729430
36031-66-0	See: TB2975000
36039-40-4	See: GU4028000
36039-41-5	See: GU3828600
36040-20-7	See: DE8016000
36040-23-0	See: DE8019000
36040-25-2	See: DE8010000
36040-30-9	See: DE8025000
36040-33-2	See: DE8026000
36040-35-4	See: DE8019510
36043-87-5	See: BS2800000
36048-07-4	See: GN6325000
*36049-50-0	See: TU5010110
36057-85-9	See: TM6469200
36061-95-7	See: SG9800000
36065-34-6	See: HO8810000
36065-45-9	See: HO8770000
36065-46-0	See: HO9500000
36065-47-1	See: HO8850000
36065-48-2	See: HO8790000
36065-49-3	See: HO8870000
36065-50-6	See: HP0200000
36065-80-2	See: NJ4385000
36066-49-6	See: UF4840000
*36069-05-3	See: NY9062000
36069-45-1	See: QG1320000
36069-46-2	See: QG1360000
36072-88-5	See: AK8345000
36076-50-3	See: AC5380000
36082-56-1	See: CQ5800000
36083-82-6	See: OH4729360
36084-18-1	See: RO0206000
36090-29-6	See: UY5765000
36090-38-7	See: UY5748200
36090-50-3	See: UY5748300
36099-26-0	See: RR0355000
36103-99-8	See: NJ5985000
36104-60-6	See: NL8450000
*36104-80-0	See: EZ9033500
*36105-20-1	See: DF0880000
36112-95-5	See: TZ0800000
36115-57-8	See: UB6480000
36115-92-1	See: UH2505000
36115-98-7	See: UH2080000
36116-02-6	See: UH2500000
*36117-21-2	See: GY5695000
36117-76-7	See: DV5110000
*36120-57-7	See: CV4751900
*36129-16-5	See: NI5488000
*36133-88-7	See: AC6495000
*36137-11-8	See: NL5998600
36141-84-1	See: AR9561000
36148-38-6	See: DG3100500
*36150-73-9	See: SF7325000
36158-32-4	See: AM9818000
*36167-63-2	See: SF7790000
*36167-69-8	See: TX7037000
36167-70-1	See: AR7145000
*36167-84-7	See: DP1578400
*36169-16-1	See: EK6580000
*36170-25-9	See: GU3830500
36174-38-6	See: TN6998400
36174-39-7	See: TN6994000
36174-40-0	See: TN7230000
36174-42-2	See: TN7868000
36174-43-3	See: TN7633000
36174-44-4	See: TN7842000
36174-45-5	See: TN6996000
36174-46-6	See: TN7635000
36184-25-5	See: VA4177400
36184-26-6	See: VA4190000
36190-93-9	See: FH4920616
36226-64-9	See: CQ0504500
36228-77-0	See: NK7529000
36228-78-1	See: NK7528000
*36236-67-6	See: TL2050000
*36236-73-4	See: JH6960000
36251-85-1	See: YS7670000
36258-20-5	See: DO1320000
*36266-70-3	See: DL9693000
*36266-82-7	See: UY1329430
36266-97-4	See: TC5650000
36266-98-5	See: TC2390000
36272-56-7	See: TC2360000
36272-57-8	See: TC2363000
36275-22-6	See: NJ2470000
36297-44-6	See: NK7527000
36298-19-8	See: MF5800000
*36304-84-4	See: QC7696000
*36304-85-5	See: QC7695400
*36306-87-3	See: GW1470000
*36322-90-4	See: DL0705000
36323-28-1	See: ZE5150000
*36330-85-5	See: DV1761000
36335-67-8	See: TB4920000
36342-13-9	See: WN2450000
36350-95-5	See: YJ9060000
*36355-01-8	See: DV5330000
36357-81-0	See: TC2500000
36363-01-6	See: DT7703600
36363-02-7	See: DT7703500
*36364-50-8	See: VO2825000
36366-20-8	See: TC2380000
36366-89-9	See: AR9573000
36366-91-3	See: AR9575000
*36368-30-6	See: CB8925000
36371-19-4	See: TL1327000
36371-21-8	See: TL1296000
36371-22-9	See: TL1302000
36371-23-0	See: TL1295000
36371-24-1	See: TL1330000
36371-25-2	See: TL1317000
36371-27-4	See: TL1324000
36371-28-5	See: TL1314000
36371-39-8	See: TL6760000
36371-40-1	See: TL6700000
36371-43-4	See: TM1900000
36371-60-5	See: UV7735000
36371-61-6	See: TL1335000
*36375-30-1	See: KK1575000
36378-71-9	See: SZ7540000
36385-56-5	See: TL1308000
36385-58-7	See: TL1321000
36385-60-1	See: TL1310000
36391-22-7	See: UB5625000
36391-23-8	See: UB8700000
36391-24-9	See: UB8725000
36393-56-3	See: RC9090000
*36396-01-7	See: NM2083700
36398-77-3	See: AC3327000
36398-79-5	See: ES4760000
36398-83-1	See: CV5375350
36398-84-2	See: CV5375380
36398-85-3	See: CV2308800
36398-86-4	See: CV5375300
36398-88-6	See: GD7388000
36398-89-7	See: AB5825000
36398-90-0	See: KL7634000
36398-91-1	See: KL7638000
36398-92-2	See: KL7632000
36398-93-3	See: KL7636000
36398-94-4	See: CV5375370
36411-52-6	See: VN7842000
*36415-56-2	See: SJ3680000
*36415-57-3	See: SJ3665000
*36417-16-0	See: QJ5728000
36417-33-1	See: LL7123200
36417-37-5	See: LL7123000
36418-29-8	See: QD1723000
36421-16-6	See: LL7123500
*36431-24-0	See: GF9549000
*36431-52-4	See: UQ0830000
36438-97-8	See: VD3590000
36441-41-5	See: WK2140000
36457-20-2	See: DH2040000
36478-01-0	See: TL1290000
*36478-76-9	See: YR3807000
36499-65-7	See: GF9275000
*36504-65-1	See: DJ7920000
*36504-66-2	See: DJ7929000
*36504-68-4	See: DJ6380000
*36505-48-3	See: CB9898000
36505-82-5	See: UQ0365000
36505-84-7	See: CL9910000
36507-31-0	See: NI3505600
*36508-71-1	See: VL8420000
*36519-25-2	See: YD0080000
36520-42-0	See: UY1422500
36524-71-7	See: TK8100000
36524-72-8	See: TK7950000
36524-75-1	See: TK8075000
36524-83-1	See: TM2988000
36524-92-2	See: DT7704300
36524-94-4	See: DT7704400
36524-99-9	See: DT7704000
36531-78-9	See: NI0625500
*36547-32-7	See: HQ2660000
36549-50-5	See: OK9100000
36551-21-0	See: FG1225000
*36556-75-9	See: DJ3028000
*36556-91-9	See: VA3460000
36568-91-9	See: OV7900000
36573-63-4	See: EW8850000
*36576-14-4	See: UB6650000
*36576-23-5	See: BX7425000
36576-44-0	See: AY6100000
36576-73-5	See: TM6403000
36613-26-0	See: FD9625000
*36614-38-7	See: TE4465000
36616-48-5	See: OO6750000
36616-49-6	See: OQ8050000
36616-52-1	See: AF8795000
*36637-18-0	See: EJ3617000
36643-74-0	See: NK7300000
36647-02-6	See: JI4910000
*36653-82-4	See: MM0225000
*36667-30-8	See: HA5300300
36688-78-5	See: GF2450000
*36702-44-0	See: TN1297000
*36703-88-5	See: NM7461240
*36711-31-6	See: TB7450000
*36734-19-7	See: NI8870000
*36735-22-5	See: DE9710000
36756-79-3	See: EZ3970000
36769-44-5	See: NW7174000
36769-46-7	See: NW7166000
36769-48-9	See: NW7168000

BEST COPY AVAILABLE

CAS No.	RTECS No.
36771-98-9	See: EU2457500
36771-99-0	See: EU2460000
36772-00-6	See: EU2465000
36774-70-6	See: DL0948000
36774-73-9	See: DL0936000
36774-74-0	See: DL0984000
36777-15-8	See: CB4300000
36778-78-6	See: RQ5833100
36782-39-5	See: DL0996000
36782-41-9	See: DL0960000
36782-45-3	See: DL0912000
36782-49-7	See: DL0900000
36782-53-3	See: DL0924000
36788-39-3	See: UB8795000
*36791-04-5	See: XZ4250000
*36798-79-5	See: TH8890000
36803-93-7	See: SN8350000
*36821-08-6	See: DI2355000
*36837-45-3	See: DG3520000
36838-40-1	See: TM3508100
*36841-32-4	See: DH3692000
*36841-33-5	See: DH0188500
*36841-34-6	See: DH6512820
36844-88-9	See: US1785000
36844-96-9	See: CV2312000
36844-99-2	See: CV2313000
36845-01-9	See: XS4800000
36845-02-0	See: CV2455000
36845-03-1	See: CV5588500
36845-05-3	See: CV2316000
36845-08-6	See: CV2318000
36845-10-0	See: US1800000
36845-12-2	See: US1806000
36845-15-5	See: QT1990000
36845-16-6	See: QT0800000
36853-15-3	See: QT1460000
36855-58-0	See: US1810000
36855-63-7	See: UT8565000
36855-64-8	See: CV5587500
36855-65-9	See: CV2315000
36855-67-1	See: CV2310000
36855-72-8	See: CV2340000
36855-73-9	See: CV5610000
36855-77-3	See: CV5598000
36855-78-4	See: CV2321000
36855-80-8	See: CU9050000
36855-81-9	See: CV5630000
*36856-27-6	See: HA5300100
*36856-28-7	See: HA5300400
*36885-49-1	See: TC6593000
*36888-36-5	See: MO1225000
36889-15-3	See: WK1974000
36889-16-4	See: WK2133000
36889-17-5	See: WK1973500
36892-51-0	See: KJ2037500
36894-63-0	See: SM1127000
36894-65-2	See: JO1525000
36894-66-3	See: XJ6034000
36894-68-5	See: JO1510000
36894-69-6	See: CV5375500
36896-67-0	See: UY9397000
36904-07-1	See: XU1800000
36905-16-5	See: CO4795000
*36911-94-1	See: CW1725000
*36911-95-2	See: CW1775000
36914-69-9	See: UQ3300000
*36914-99-5	See: CW1778500
36918-78-2	See: CV5395000
36938-10-0	See: TL6782000
*36950-85-3	See: MJ9653000
36958-87-9	See: XJ5131680
*36965-36-3	See: AB6351000
36975-99-2	See: DF2340000
*36979-62-1	See: UU3875100
36981-93-8	See: QE2627000
36985-33-8	See: DF2320000
36985-34-9	See: DF2300000
36985-35-0	See: DF2360000
36985-47-4	See: DF2380000
36987-32-3	See: US1803000
36999-88-9	See: XI2890000
37001-19-7	See: UY5749500
37004-69-6	See: SF0400000
37007-68-4	See: UR6516000
37007-70-8	See: UR6136000
37011-98-6	See: NX4999000
37011-99-7	See: NX4997000
37012-00-3	See: TL3496000
37018-31-8	See: KJ0040000
37018-33-0	See: KJ0439000
37018-52-3	See: UL8118000
37025-77-7	See: FD8773000
37027-56-8	See: HD9300000
37028-28-7	See: XC0700000
37028-40-3	See: XO0705000
*37029-90-6	See: SC4855400
*37029-96-2	See: SC4682000
*37029-98-4	See: SC4685000
37031-12-2	See: JO5101000
37031-93-9	See: UM6816000
37031-94-0	See: UM6817000
37031-95-1	See: UM6815000
37031-97-3	See: UN1255000
37032-15-8	See: TE2625000
37032-33-0	See: TG8200000
37033-94-6	See: NL6000000
37053-95-5	See: OO3725000
37065-29-5	See: JI5060000
37069-07-1	See: UY4370000
37074-52-5	See: BR9625000
37076-68-9	See: YR0451000
*37087-94-8	See: DG4996300
*37092-92-5	See: RB7565500
37094-60-3	See: QM0600000
*37094-61-4	See: TM9980000
37094-62-5	See: QM0550000
37094-63-6	See: TM8576000
37094-64-7	See: TM8588600
37096-30-3	See: QJ5280000
*37106-97-1	See: DG3700000
37106-99-3	See: TW3660000
37107-06-5	See: VA3400000
37109-10-7	See: XM7375000
37109-12-9	See: XM7390000
37109-14-1	See: XM7360000
37109-17-4	See: XM7365000
37121-78-1	See: QE4870000
*37125-97-6	See: TN8987000
37126-29-7	See: NL6935000
37126-50-4	See: NM3289950
37126-51-5	See: NM3285200
37126-52-6	See: NM3261000
37126-53-7	See: NM3289410
37126-55-9	See: NM3287200
37126-56-0	See: NM3264200
37126-57-1	See: NM3289450
37126-58-2	See: NM3289350
37126-59-3	See: NL8516600
37126-60-6	See: NL8516100
37126-61-7	See: NL6930000
37126-62-8	See: NM1531500
37126-63-9	See: NM1530000
37126-64-0	See: NL6938000
37126-66-2	See: NL8516200
37126-67-3	See: NL8516500
37126-68-4	See: NL6920000
37126-69-5	See: NL6910000
37126-70-8	See: NM1530500
37126-71-9	See: NM1531000
37126-72-0	See: NL6925000
37126-73-1	See: NL6915000
37129-49-0	See: NM3289850
37129-50-3	See: NM3288750
37129-51-4	See: NM3289010
37129-52-5	See: NM3289310
37129-53-6	See: NM3289150
37129-54-7	See: NM3289210
37129-55-8	See: NM3285500
37129-56-9	See: NM3262000
37129-57-0	See: NM3290050
37129-58-1	See: NM3289900
37129-59-2	See: NM3264500
*37132-72-2	See: XX9470000
*37137-42-1	See: VB1172000
37151-43-2	See: SB3880000
37151-44-3	See: SB4210000
37151-45-4	See: SB4220000
37151-49-8	See: SB4270000
37151-50-1	See: SB4250000
*37151-51-2	See: SB4260000
37151-52-3	See: SB3430000
37151-53-4	See: SB3460000
37151-54-5	See: SB3480000
37151-55-6	See: SB3890000
37151-56-7	See: SB3900000
37151-57-8	See: SB3750000
37154-99-5	See: RQ2143000
37154-93-1	See: DO0560000
37154-94-2	See: RP7200000
*37160-66-0	See: JH7175000
37169-10-1	See: AG6650000
37169-56-5	See: AY4580000
37178-28-2	See: AY5650000
37184-60-4	See: WW0550000
*37187-22-7	See: SA2410000
*37187-22-7	See: SA2400000
37191-45-0	See: LL1230000
*37203-43-3	See: RF7174000
*37203-87-5	See: LP9630000
*37206-20-5	See: SA9105600
*37206-20-5	See: SA9105550
37209-30-6	See: GE8600000
37209-31-7	See: HH2860000
*37209-97-5	See: CB9895500
37213-77-7	See: VT9670000
37217-51-9	See: CB9953950
37217-65-5	See: EX4950000
37221-23-1	See: TP9755000
37222-08-5	See: YN4600000
37224-44-5	See: YN4600200
37226-23-6	See: GR0270000
37226-31-6	See: NR4755000
37226-48-5	See: CE6840000
*37227-61-5	See: QR6126300
*37229-14-4	See: OJ6925000
37231-75-7	See: VA8597000
37231-76-8	See: VA8598000
37239-28-4	See: AT9300000
37243-70-2	See: LX4075000
37244-00-1	See: JG7522000
*37244-85-2	See: LZ4296300
*37244-86-3	See: LZ4296200
37246-57-4	See: VM1609800
37247-90-8	See: DU2988300
37248-16-1	See: OE8585000
37248-17-2	See: OE8586000
37248-35-4	See: VM1609700
37248-47-8	See: NM7540000
37260-65-4	See: LL1100000
37262-61-6	See: UF6500000
*37270-71-6	See: RC9030000
37270-89-6	See: MI0800000
37280-35-6	See: EX8926000
*37280-56-1	See: OH4730500
37286-64-9	See: TR4690000
37286-92-3	See: DB6835000
*37299-86-8	See: KH2737000
*37305-78-5	See: CB9376310
37305-80-9	See: CB9629000
37305-81-0	See: CB9755090
37306-12-0	See: GQ8930000
37312-62-2	See: UK9590000
37316-79-3	See: CB9948000
*37317-41-2	See: TQ1376000
*37318-80-2	See: WP4105000
*37321-09-8	See: WK1970000
*37324-23-5	See: TQ1364000
*37324-24-6	See: TQ1368000
37326-19-5	See: CB9459620
*37329-49-0	See: YO7700000
*37330-97-5	See: QO2999100
*37333-40-7	See: JO1050000
*37335-68-5	See: BQ1000000
37338-62-8	See: AW9150000
37338-80-0	See: RM0525000
37338-91-3	See: UK9580000
37339-66-5	See: XM6828600
37339-90-5	See: OG9455000
37341-22-3	See: RS8275000
37341-70-1	See: FJ6270000
37341-79-0	See: XW5780000
*37341-99-4	See: TW3570000
37348-58-6	See: LL1237500
37349-00-1	See: CB9754030
37349-05-6	See: GE5550000
*37350-58-6	See: UB7875400
*37353-63-2	See: TQ1372000
37357-60-1	See: WZ6135000
37357-65-6	See: BV4620000
37359-08-3	See: CB9725500
37359-09-4	See: CB9725700
37359-10-7	See: CB9953300
*37362-29-1	See: BA2925500
37364-66-2	See: EC5991950
*37372-39-7	See: CB9639100
37386-04-2	See: UY2660000
37386-05-3	See: TN4427000
37386-06-4	See: QF2340000
37388-25-3	See: DF2373000
37391-17-6	See: NM3287500
37391-18-7	See: NM3290070
*37393-11-6	See: CB0534500
*37394-33-5	See: PB9189000
37399-58-9	See: SB3940000
37401-68-6	See: TI3750000
37415-52-4	See: NX6037500
*37415-62-6	See: MP8100000
37418-88-5	See: TI3300000
37424-74-1	See: UO8935000
37424-75-2	See: UO9060000

BEST COPY AVAILABLE

CAS No.	RTECS No.
37424-78-5	See: UO7506000
37424-97-8	See: UO9065000
37425-10-8	See: UO7522000
37425-13-1	See: UO7470000
37425-16-4	See: UP0781000
37425-18-6	See: UP0783000
37425-19-7	See: UO9085000
37425-30-2	See: UO7620000
37425-32-4	See: UO8610000
37425-38-0	See: UO8500000
37431-37-1	See: CP8110000
37431-38-2	See: CQ7480000
37431-39-3	See: CQ7070000
37431-41-7	See: CQ0570000
37431-42-8	See: CQ7241500
*37439-37-5	See: UY1152000
*37449-28-8	See: UX9465100
37449-49-3	See: QO9625000
*37458-18-7	See: EJ9852000
37481-26-8	See: CV4380000
37481-27-9	See: CV5562000
37481-28-0	See: CV5805000
37481-30-4	See: CV4420000
37481-31-5	See: CV5856000
37481-32-6	See: CV4475000
37481-33-7	See: CV5850000
37481-34-8	See: CV5840000
37481-35-9	See: CV5853000
37481-36-0	See: CV2470000
37481-38-2	See: CV5565000
37481-39-3	See: CV4400000
37481-40-6	See: CV5830000
37481-41-7	See: CV4750000
37481-42-8	See: CV4350000
37481-43-9	See: CV5615000
37481-44-0	See: CV5412000
37481-45-1	See: CV2431000
37481-46-2	See: CV5567000
37489-45-5	See: UW5425000
37489-46-6	See: UW2975000
37489-48-8	See: UW1400000
37489-49-9	See: UW1050000
37489-52-4	See: UW3675000
*37491-68-2	See: CZ8725000
37506-74-4	See: UO7508000
*37517-28-5	See: WK1955000
*37517-30-9	See: EJ3500500
37519-65-6	See: NW7035000
*37528-72-6	See: NX6036000
37554-60-2	See: DL1044000
*37571-88-3	See: DJ4990000
*37574-47-3	See: DJ7900000
*37574-48-4	See: DJ6392450
37577-24-5	See: SH6824000
37577-75-6	See: ZD5570000
37585-37-8	See: UQ8978000
37585-38-9	See: UQ9284900
37585-41-4	See: UQ8975000
37585-42-5	See: UQ8978500
37585-47-0	See: JI4651650
37585-58-3	See: JI4651950
37585-59-4	See: JI4652300
37586-00-8	See: CV5586500
*37599-14-7	See: XO1603100
37627-57-9	See: SK1800000
37627-58-0	See: SL5020000
37627-59-1	See: SL5740000
37627-60-4	See: SK1300000
37627-61-5	See: SL5000000
37627-62-6	See: SL5700000
37632-18-1	See: TA1825000
37636-51-4	See: WK2135000
37636-75-2	See: TM2657000
37640-57-6	See: XZ1225000
37642-61-8	See: AY4251000
37651-68-6	See: BQ3585000
37660-22-3	See: UW7360000
*37661-08-8	See: XH8490000
37664-95-2	See: DF6424000
37683-53-7	See: CM3495000
37683-54-8	See: CM3493000
37683-55-9	See: DM5302000
37683-56-0	See: DM5303000
37683-59-3	See: DM5305000
37683-60-6	See: DM5310000
37683-61-7	See: DM5300000
*37691-11-5	See: YV9350700
37692-82-3	See: QC7532000
*37699-43-7	See: UT2807000
37717-21-8	See: HA5400000
37717-82-1	See: NM2246000
37719-83-8	See: RP6193500
37720-86-8	See: ME1110000
37720-87-9	See: ME1100000
*37723-78-7	See: ES5615000
37723-85-6	See: RP6196000
37723-93-6	See: RP6187000
37724-43-9	See: DL8250000
37724-45-1	See: XJ9090000
37724-47-3	See: XJ9095000
37744-98-2	See: UU6660000
37744-99-3	See: UU6665000
37745-01-0	See: UU6670000
*37750-86-0	See: DE6380000
37753-10-9	See: KK1580000
37763-43-2	See: QJ1550000
37764-25-3	See: AB6080000
*37771-04-3	See: EM0400000
*37771-09-8	See: SB0100000
37778-22-6	See: FG7190000
*37791-15-4	See: HQ1777700
37793-17-2	See: YT4020000
37793-22-9	See: YT4010000
37795-69-0	See: NY3450000
37795-71-4	See: NY3470000
37812-51-4	See: XV1050000
37813-54-0	See: UR5850000
37813-62-0	See: UC2015000
37822-89-2	See: SI1140000
37822-90-5	See: SI1135000
37855-77-9	See: LV0985000
37855-81-5	See: LV1080000
*37874-97-8	See: DG5791000
*37880-96-9	See: BR6953000
*37882-31-8	See: JR1760000
*37883-00-4	See: ZA3960000
*37893-02-0	See: CY1202500
37894-46-5	See: VV2140000
*37895-35-5	See: ZD5706000
37895-46-8	See: MV6380000
37895-47-9	See: MV6390000
37905-22-9	See: YJ9250000
37906-93-7	See: DT7710000
37906-94-8	See: DT7740000
37906-95-9	See: DT7820000
37906-96-0	See: DT7725000
37906-97-1	See: DT7755000
37906-98-2	See: DT7780000
37913-77-2	See: UX9353000
37913-78-3	See: UX9354000
37919-50-9	See: TH7000000
37922-86-4	See: FE2460000
*37924-13-3	See: PB0480000
37929-27-4	See: UW4725000
37929-28-5	See: UW0700000
*37933-66-7	See: FH5090000
*37934-61-5	See: MA3060000
*37934-63-7	See: WM4260000
*37934-66-0	See: MA3050000
*37938-58-2	See: WM4200000
*37938-64-0	See: WM4750500
*37938-65-1	See: WM4420000
*37938-69-5	See: WM4500000
*37938-70-8	See: WM4762000
*37938-74-2	See: WM4400000
*37938-78-6	See: WM4750200
37940-57-1	See: UH4400550
*37958-53-5	See: TA8052000
*37971-96-3	See: KM5788000
*37971-97-4	See: UC3905000
*37972-03-5	See: SB0177000
*37972-07-9	See: ZD5815000
37984-73-9	See: DG1575500
*37994-82-4	See: DJ8270000
38000-06-5	See: TQ9700000
38001-34-2	See: TQ0650000
38009-30-2	See: DJ0875000
*38013-78-4	See: KS0370000
*38020-47-2	See: ZD5822000
38026-46-9	See: UV7775000
*38029-10-6	See: US9105000
38035-23-3	See: LK8255000
38035-24-4	See: LK8335000
38035-27-7	See: GB7995000
38035-28-8	See: GB8075000
*38048-87-2	See: LL4375000
38060-02-5	See: UC3873000
38060-03-6	See: UC3880000
38060-04-7	See: UC3870000
38063-83-1	See: AM9487500
38063-84-2	See: AM9487000
38063-85-3	See: AM9467000
38063-86-4	See: AM9473000
38063-87-5	See: AM5960000
38063-89-7	See: AM5955000
38063-91-1	See: AM6620000
38063-92-2	See: AM6610000
38063-95-5	See: AM8455000
38074-16-7	See: HM0512900
38074-20-3	See: HM0421000
38082-89-2	See: US7546500
*38094-02-9	See: BQ3150000
38101-47-2	See: VC3502000
*38105-27-0	See: AF1650000
*38115-53-6	See: BX1393000
38115-54-7	See: DG5000000
38123-17-0	See: UY0886000
38123-18-1	See: QE1030000
38123-21-6	See: AH0556000
38123-22-7	See: AH0563000
38123-23-8	See: AH0557000
38123-24-9	See: AH0561000
38123-25-0	See: AH0565000
38123-26-1	See: AH0552000
38123-27-2	See: AH0554000
38123-28-3	See: AH0553000
38123-34-1	See: AB7470000
38123-35-2	See: AH0562000
38128-76-6	See: AB7460000
38128-77-7	See: AB7560000
38128-83-5	See: KD1768000
38128-84-6	See: KD1878000
38128-86-8	See: KD1881000
38128-87-9	See: KD1906000
38128-90-4	See: KD1800000
38128-91-5	See: KD1912000
38128-92-6	See: KD1831000
38129-37-2	See: DT7470000
38168-53-5	See: NL7820000
38168-64-8	See: CL5494900
38168-68-2	See: NL7810000
38171-54-9	See: SJ6825000
38173-36-3	See: LK8347000
*38178-38-0	See: HP3095800
38184-47-3	See: UQ6380000
*38188-61-3	See: WM4440000
38188-83-9	See: TD9750000
38190-96-4	See: SM7550000
38194-50-2	See: NK8226000
38196-02-0	See: DM4496000
38198-35-5	See: FD9778500
38222-35-4	See: GY7200000
38223-06-2	See: US9400000
*38232-63-2	See: OV7045000
*38236-46-3	See: UR8462000
38237-74-0	See: YV8925000
38237-76-2	See: MP4450000
38238-24-3	See: GU1782000
38238-25-4	See: GU1780000
38249-71-7	See: TY1760000
*38252-74-3	See: ES8125000
38252-75-4	See: ES8128000
*38260-54-7	See: TF8350000
*38261-22-2	See: DG2800900
*38261-23-3	See: DH9390000
38264-25-4	See: FL6800000
38275-16-0	See: VA4177500
38275-17-1	See: VA4198000
38275-18-2	See: VA4197000
*38285-49-3	See: UQ0300000
38288-33-4	See: SF8275000
38289-46-2	See: DH5943000
38293-71-9	See: AM6500000
*38304-91-5	See: UV8200000
38313-28-9	See: QJ5290000
38322-50-8	See: GA8560000
38327-40-1	See: AB7555000
38330-15-3	See: KD1788000
38349-07-4	See: UW7688000
38349-09-6	See: UW7690000
38357-93-6	See: UR0711000
*38358-06-4	See: AF5457430
38363-32-5	See: UA9818700
38363-40-5	See: UA9818500
38365-93-4	See: FD9450000
38380-07-3	See: DV5357000
*38402-95-8	See: SZ1790000
38411-17-5	See: AE1971000
*38411-22-2	See: DV5359000
*38423-16-4	See: XN9451300
*38434-77-4	See: KH7250000
38460-95-6	See: YQ2991000
38462-04-3	See: CU5181000
38469-85-1	See: DI4725000
38473-28-8	See: AB8132400
*38479-08-2	See: AB5839000
*38483-28-2	See: PA8950000
38507-11-8	See: YQ9815000
38507-32-3	See: YQ9825000
*38514-71-5	See: XJ2850000

CAS No.	RTECS No.
*38519-21-0	See: DM4870000
*38519-94-7	See: DL5400000
38521-66-3	See: UH9865000
38523-48-7	See: TN4400000
38523-97-6	See: AY3274000
*38524-82-2	See: TG1380000
38527-73-0	See: MA4630010
38527-74-1	See: MA4630000
*38527-91-2	See: TF0370000
38528-39-1	See: QL9280000
38528-40-4	See: QL9277000
*38539-23-0	See: VB4800000
38545-48-1	See: YM4430000
38546-31-5	See: KD1790000
*38555-07-6	See: DI4610000
*38561-79-4	See: FH4715000
*38562-01-5	See: UK8025000
*38571-73-2	See: UA1850000
38583-99-2	See: AJ2635000
38585-61-4	See: NI4396500
38591-45-6	See: AC7796300
38591-48-9	See: AC6338400
38591-52-5	See: AC7796100
*38594-96-6	See: AU7404930
38601-55-7	See: KD1758000
38605-78-6	See: ZD8455000
38609-97-1	See: AR7190000
38621-52-2	See: CB9753800
*38622-28-5	See: MA3055000
38629-79-7	See: RP3200000
38637-88-6	See: NY9600000
38637-89-7	See: NY9610000
*38641-70-2	See: UR8120000
38641-94-0	See: MC1080000
38644-01-8	See: TN1061000
*38649-68-2	See: YT4975400
*38649-69-3	See: YT0090000
*38649-70-6	See: YS7608200
*38649-71-7	See: YT0092000
*38649-73-9	See: YS7594000
*38651-95-5	See: YS7564500
*38651-96-6	See: YS7608300
*38651-98-8	See: YS3580200
*38651-99-9	See: YS7570000
38652-51-6	See: NI2882900
38652-52-7	See: NI2920000
38652-53-8	See: NI2910000
*38665-24-6	See: UD3642500
38668-83-6	See: OP1485000
38677-81-5	See: KK0325000
38681-77-5	See: CU9625000
38710-43-9	See: ZG2275000
38722-00-8	See: NI0625800
38726-90-8	See: AB6092000
38726-91-9	See: AB6090000
38727-03-6	See: SI0700000
38727-05-8	See: GX1772000
*38727-09-2	See: QJ0352600
*38727-10-5	See: QJ0352700
*38727-55-8	See: MB9200000
38731-70-3	See: SK5775000
*38748-24-2	See: YT4730000
38748-32-2	See: YK7751000
38767-87-2	See: GU4026600
38767-88-3	See: GU4026300
38767-91-8	See: AC3640000
38767-97-4	See: GU4026000
38768-00-2	See: GU4027000
*38770-23-9	See: UE2287500
*38770-24-0	See: UE2600000
38771-64-1	See: XJ6200000
38776-77-1	See: PB9215000
*38777-13-8	See: FC6480000
*38780-35-7	See: TP2200000
*38780-36-8	See: TP2210000
38780-37-9	See: TP2195000
*38780-38-0	See: TP2215000
*38780-39-1	See: TP2497300
38780-40-4	See: TP2492220
38780-41-5	See: TP2488000
*38780-42-6	See: TP2501000
38780-43-7	See: TP2485000
38782-39-7	See: LL7120500
*38795-19-6	See: TN4960000
*38802-82-3	See: WH7240000
38819-28-2	See: CE6230000
38821-11-3	See: AD0260000
38821-43-1	See: AH0930000
*38821-53-3	See: XI0336000
38827-35-9	See: UU0955000
*38838-26-5	See: GH1000000
*38848-18-9	See: QD1858000
38850-20-3	See: KD1860000
*38860-48-9	See: DH3500000
*38860-52-5	See: DH5850000
38861-88-0	See: DH3073800
38861-90-4	See: DH4018000
38865-09-7	See: LL7123700
38869-91-9	See: YR8750000
38873-55-1	See: HP4930000
38906-41-1	See: SL7300000
38906-43-3	See: SL5710000
*38906-44-4	See: SK1700000
38906-46-6	See: SL5730000
38906-47-7	See: SM1125000
38906-48-8	See: SJ4570000
38906-55-7	See: SL5180000
38906-57-9	See: UX9680000
38906-58-0	See: UY0450000
38906-59-1	See: SM1160000
38906-60-4	See: UX9690000
38906-61-5	See: UY1340000
38906-62-6	See: UX9679000
38911-89-6	See: AF4665700
38911-92-1	See: AF4665500
38911-93-2	See: AF4665000
38911-94-3	See: AF4666000
38911-95-4	See: AF4665800
38911-96-5	See: AF4666500
38911-97-6	See: AF4667000
38912-99-1	See: UB7885000
38913-01-8	See: UY1230000
38914-40-8	See: TZ7670000
38914-41-9	See: KJ0441500
38914-42-0	See: TZ7580000
38914-43-1	See: KJ0219000
38914-45-3	See: XJ6023300
38914-46-4	See: XJ5955000
38914-47-5	See: XJ5565000
38914-74-8	See: TZ7620000
38914-75-9	See: KJ2068000
38914-76-0	See: KJ2072000
38914-79-3	See: KJ2050000
38914-80-6	See: XJ6024000
38914-81-7	See: KJ2060000
38914-82-8	See: XJ6039000
38914-93-1	See: TX7098000
38914-94-2	See: VA9619300
38914-95-3	See: VA9619800
*38914-97-5	See: TX6880000
38914-98-6	See: AR7139000
38914-99-7	See: AR7143000
38915-00-3	See: TX6850000
38915-03-6	See: AR7149000
38915-05-8	See: KH8587600
38915-06-9	See: KH8587120
38915-07-0	See: KH8588200
38915-08-1	See: TX7085000
38915-09-2	See: KH8588060
38915-11-6	See: KH8588220
*38915-14-9	See: AR8200000
38915-18-3	See: KK1960500
38915-21-8	See: AR7135000
38915-22-9	See: AB5480000
38915-23-0	See: AR7137000
38915-24-1	See: KH8587500
*38915-28-5	See: DI2400000
38915-29-6	See: KK1972500
38915-30-9	See: DI2368000
38915-31-0	See: DI2370000
38915-32-1	See: KH8588740
38915-34-3	See: KH8587100
38915-35-4	See: TX7012000
38915-36-5	See: SA0225000
38915-37-6	See: KH8587200
38915-38-7	See: DI2366000
38915-39-8	See: KH8587220
38915-41-2	See: DI2363000
38915-42-3	See: DI2364000
38915-45-6	See: SA0235000
38915-46-7	See: TX7040000
38915-56-9	See: CU2600000
*38915-59-2	See: DI9870000
*38915-61-6	See: TX7006000
*38916-42-6	See: CI9172000
38920-49-9	See: KJ0347500
38920-50-2	See: KJ0890000
38920-51-3	See: KJ2590500
38920-53-5	See: KJ1053000
38920-54-6	See: KJ1054000
38920-56-8	See: KJ0445500
38920-57-9	See: KJ0443000
38920-58-0	See: KJ0440500
38920-59-1	See: KJ0441000
38920-60-4	See: KJ0445900
38920-61-5	See: KJ0442500
38920-62-6	See: KJ2118000
38920-63-7	See: KJ1052000
38920-67-1	See: KJ2594000
38920-69-3	See: KJ2593000
38920-70-6	See: KJ2620000
38920-71-7	See: KJ2018000
38920-72-8	See: JO0775000
38920-73-9	See: GY4600000
38920-74-0	See: GU7172500
38920-75-1	See: SC0879500
38920-76-2	See: JO1610000
38920-77-3	See: JO1515000
38920-78-4	See: JO1615000
38920-80-8	See: MQ5100000
38920-81-9	See: JO1612500
38920-83-1	See: XJ5531000
38920-84-2	See: XJ5538000
38920-86-4	See: XJ5532000
38920-87-5	See: XJ5534000
38920-89-7	See: XJ6023800
38920-91-1	See: XJ5457500
38920-92-2	See: XJ6129000
38925-89-2	See: KH8588400
38925-90-5	See: TX7092000
38925-91-6	See: VA9619000
38932-71-7	See: GU0600000
38936-60-6	See: NC3400000
38936-62-8	See: NC3950000
*38939-85-4	See: KH2560000
38940-37-3	See: SC5645000
38940-45-3	See: YV9100700
38940-47-5	See: YV9100500
38940-50-0	See: BO6370000
38940-51-1	See: BO6380000
*38942-51-7	See: XZ5350000
38943-47-4	See: NY2948000
38943-51-0	See: RP6167000
*38957-41-4	See: UR6493200
38957-42-5	See: UR6492500
*38964-22-6	See: HP3150000
38965-69-4	See: CZ8985000
38965-70-7	See: CZ8937750
*38965-74-1	See: UD5579200
*38965-77-4	See: UD5579100
*38966-21-1	See: PB9185000
*38998-91-3	See: JN8737000
39000-84-5	See: UG6400000
39004-94-9	See: TE6825000
39006-99-0	See: XJ5124300
*39013-93-9	See: TX7008000
*39020-77-4	See: UR6141500
39021-03-9	See: KJ2523000
*39024-96-9	See: AU7481800
*39030-44-9	See: UR6573500
39031-40-8	See: KJ0900000
39031-41-9	See: KJ1067500
39042-12-1	See: TB6470000
39051-51-9	See: HN9290000
39057-16-4	See: XJ6152000
39070-08-1	See: NI7670000
*39079-58-8	See: UQ1400000
39112-72-6	See: UY9393000
*39115-11-2	See: CB0533200
39133-34-1	See: UG4400000
39135-39-2	See: TM4175000
39142-69-3	See: VA4195000
39144-30-4	See: UB7175000
39148-51-1	See: UW0875000
39150-42-0	See: UP6650000
*39156-41-7	See: ST2705000
*39159-83-6	See: PA2100000
39161-37-0	See: TJ7559500
39191-26-9	See: CB2975000
*39196-18-4	See: EL8200000
39201-82-6	See: KR5775000
39226-88-5	See: QM5336000
*39227-53-7	See: HP3095300
*39227-54-8	See: HP3095500
*39227-58-2	See: HP3530000
39227-95-7	See: XJ9088000
*39236-46-9	See: YT7365000
39236-85-6	See: GP1335000
39270-72-9	See: ME8050000
39277-41-3	See: ZA4930000
*39277-47-9	See: AG8100000
39279-69-1	See: GO5660000
39284-27-0	See: RL3700000
39291-67-3	See: RD7750000
*39293-24-8	See: CB4584000
39300-48-6	See: FI8460000
39300-60-2	See: XD7900000
39300-77-1	See: CB9376800
39300-79-3	See: CB9459950
*39300-88-4	See: MG1017000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
*39301-00-3	See: AY8925000
*39306-29-1	See: UK8060500
*39315-74-7	See: CB9376150
39315-91-8	See: GB9405000
39317-47-0	See: CB9755280
39325-01-4	See: TJ3900000
*39326-91-5	See: HS9834650
39339-89-4	See: CB9754040
*39340-46-0	See: OP4100000
39341-78-1	See: CZ8955000
39342-08-0	See: CB9396500
39364-14-2	See: YP8620000
39364-15-3	See: YP8630000
*39372-10-6	See: OP8066000
39372-30-0	See: SD4525000
39378-57-9	See: ED8900000
39379-46-9	See: VE8240000
39387-62-7	See: VU7600000
39390-53-9	See: CK7750000
39391-05-4	See: ZF5970000
39391-38-3	See: CB9325000
39391-39-4	See: CM4300100
39394-08-6	See: CL3530000
*39394-14-4	See: LI4272000
*39404-03-0	See: OM4367000
*39404-28-9	See: DF4935470
*39405-35-1	See: YO8227000
39405-40-8	See: FM3379000
39405-64-6	See: OH3676000
39406-23-0	See: TR0300000
*39409-64-8	See: YO9105340
39413-05-3	See: GE7700000
*39413-47-3	See: VV9100000
39425-26-8	See: PX2278000
39434-32-7	See: CB9376565
39434-56-5	See: NM7340000
39450-10-7	See: RT5280000
*39453-05-9	See: AX0247000
39454-49-4	See: AU2363000
39456-76-3	See: OK3332500
39457-24-4	See: CS1635000
39457-25-5	See: CS1640000
39464-96-5	See: EX4990000
*39472-31-6	See: NZ7200000
39495-50-6	See: GU5650000
*39515-41-8	See: GZ2090000
39543-16-3	See: DL2950000
*39543-79-8	See: KM5780130
*39543-80-1	See: OB1297000
*39543-84-5	See: OB1296000
*39543-88-9	See: DF6495200
*39543-94-7	See: OB1295000
*39544-02-0	See: OB3185000
39549-34-3	See: IE1300000
*39552-01-7	See: OB4310000
*39552-03-9	See: UB8411000
*39552-05-1	See: UB8410000
39559-42-7	See: SF7525000
*39565-00-9	See: OB5040000
*39565-05-4	See: XJ2870000
39566-54-6	See: DE4160600
39566-59-1	See: DE4160800
39568-89-3	See: ZE4450000
*39603-24-2	See: NL7930000
*39603-53-7	See: UI3150000
*39603-54-8	See: UI4550000
*39617-71-5	See: YT2882000
*39617-74-8	See: YS3829000
*39624-86-7	See: TF3300000
39629-96-4	See: UY0290000
39629-97-5	See: UY0310000
39629-99-7	See: UY5885000
39630-00-7	See: UY5917500
39630-02-9	See: DH6140000
39630-05-2	See: UY0320000
39630-12-1	See: UY5740000
39630-13-2	See: UY5749000
39630-14-3	See: UY5745000
39630-15-4	See: UY5748000
39630-20-1	See: DH4600000
39630-39-2	See: DK1851000
39630-40-5	See: DK1857000
39630-42-7	See: DK1856000
*39637-16-6	See: WH7260000
*39644-00-3	See: DP1588500
*39660-55-4	See: SA7649000
39669-48-2	See: BW8125000
39669-49-3	See: DG4410000
39686-83-4	See: LZ4975000
*39698-78-7	See: BW2170000
*39728-50-2	See: CV2305700
*39728-51-3	See: CV2308200
*39728-52-4	See: CV2305800
*39728-53-5	See: CU8999000
39731-66-3	See: UY8588000
39731-76-5	See: UY8588500
39731-93-6	See: UY8645000
39741-91-8	See: BR6475000
39742-60-4	See: TN8990300
*39744-68-8	See: NJ5926000
*39746-25-3	See: UK7894000
39754-64-8	See: RP6471000
*39755-95-8	See: NL7938000
39757-59-0	See: TN7625000
39757-61-4	See: UE4425000
39787-49-0	See: QL5416000
39787-50-3	See: QL5416500
39787-52-5	See: NK7534500
39787-53-6	See: NK7534000
39794-99-5	See: UU6520000
39801-14-4	See: PC8475000
39807-29-9	See: UR7475500
39807-31-3	See: UR6488950
39807-32-4	See: UR6220000
*39818-40-1	See: EM9253350
*39831-55-5	See: WK1961200
39832-34-3	See: VN8775000
39832-36-5	See: XH2380000
*39834-38-3	See: CW1820000
*39844-57-0	See: TM7342500
*39844-58-1	See: TM7347000
*39844-59-2	See: TM7346000
*39844-60-5	See: TM7348000
*39844-61-6	See: TM7364000
*39844-62-7	See: TM7360000
*39844-63-8	See: TM7362000
39847-06-8	See: CQ5505000
39868-96-7	See: UX9377000
39878-70-1	See: XH8430000
*39884-52-1	See: RQ2135000
*39885-14-8	See: IQ0250000
39890-14-7	See: WH1290000
39890-17-0	See: WH1297700
39890-18-1	See: WH1297100
39890-21-6	See: WH1296500
39890-22-7	See: WH1288300
39890-24-9	See: WH1295000
39890-25-0	See: WH1293000
39890-27-2	See: WH1297600
39890-28-3	See: WH1297000
39890-29-4	See: WH1293500
39890-34-1	See: WH1284000
39890-35-2	See: WH1282000
*39900-38-4	See: OS9500000
*39910-98-0	See: AM9486200
*39920-56-4	See: AI1935000
39923-41-6	See: GN7575000
39926-11-9	See: VD4660000
39928-74-0	See: NI3900000
39929-83-4	See: UY9392000
39930-51-3	See: UY9398000
39930-52-4	See: UY9380000
39931-77-6	See: UR8950000
39945-20-5	See: UY9385000
39945-54-5	See: EY9765000
39948-11-3	See: WH1297300
39959-88-1	See: SH2200000
39964-41-5	See: XJ5131586
39964-42-6	See: XJ5124570
39964-43-7	See: XJ5124500
39964-44-8	See: XJ5126140
39964-45-9	See: XJ5131588
39964-46-0	See: XJ5131587
39964-47-1	See: XJ5131589
39964-48-2	See: XJ5126160
39964-49-3	See: XJ5126170
39964-50-6	See: XJ5125900
39964-51-7	See: XJ5124550
39964-53-9	See: XJ5124600
39964-54-0	See: XJ5126100
39964-55-1	See: XJ5126000
39964-56-2	See: XJ5126130
39964-57-3	See: XJ5124700
39964-58-4	See: XJ5124800
39964-59-5	See: XJ5125000
39964-60-8	See: XJ5124590
*39964-73-3	See: NX1410000
*39964-81-3	See: NX1420000
*39978-42-2	See: XM8511500
39978-68-2	See: AU4385000
39989-34-9	See: XJ5124595
39992-55-7	See: HQ6885000
*39992-64-8	See: GV0745000
40004-29-3	See: TM0802000
*40013-87-4	See: VS2890000
*40054-69-1	See: XZ6158300
40055-63-8	See: AJ6875000
40066-23-7	See: VA1369000
40066-25-9	See: VA1350400
40066-82-8	See: TN7610000
*40068-20-0	See: AB4549190
40069-83-8	See: TL4280000
40101-31-3	See: TI4025000
40136-78-5	See: BW8100000
40136-80-9	See: DG4390000
40136-81-0	See: DG4385000
40136-82-1	See: BW9150000
40136-84-3	See: DG4447000
40136-85-4	See: DG4443000
40136-86-5	See: BW8670000
40136-89-8	See: DG4440000
40136-91-2	See: DG4435000
40136-92-3	See: DG4430000
40136-93-4	See: DG4420000
40136-95-6	See: DP1600000
40136-96-7	See: DG4400000
*40158-94-9	See: EK7788000
40174-37-6	See: DK1440000
*40180-04-9	See: AG9300000
*40193-47-3	See: WJ3825000
40217-38-7	See: TN6829600
*40225-02-3	See: UU6815000
*40226-23-1	See: CX9858597
*40226-25-3	See: CX9858595
40235-68-5	See: AF8600000
*40262-15-5	See: UV9103600
*40262-17-7	See: UV9100500
*40262-24-6	See: UV9008000
*40262-26-8	See: UV9103650
*40262-29-1	See: UV9009900
*40262-36-0	See: UV9002700
40267-64-9	See: CM3910000
*40267-72-9	See: RG5362000
*40279-44-5	See: FH4920100
*40279-45-6	See: FH4920150
*40279-46-7	See: FH4920250
*40279-49-0	See: FH4919300
*40279-51-4	See: FH4920400
40279-93-4	See: AY3271000
40279-94-5	See: AY3270000
40279-98-9	See: AY4250000
40281-12-7	See: UH4380000
40281-15-0	See: UG7480000
40281-19-4	See: UH4386000
40281-23-0	See: UH4383000
40281-24-1	See: UH1778000
40281-25-2	See: UH1790000
40281-26-3	See: UH1765000
40281-28-5	See: UG9300000
40281-29-6	See: UG9350000
40281-32-1	See: UH4403000
40281-34-3	See: UC1840000
40281-38-7	See: UC2988000
40282-81-3	See: TB8956000
40283-51-0	See: PB5030000
40283-52-1	See: PB4850000
40283-53-2	See: PB4830000
40283-54-3	See: PB4841000
40283-55-4	See: PB4790000
40283-56-5	See: PB4820100
40283-57-6	See: PB4820000
40283-58-7	See: PB4820200
40283-59-8	See: PB4801000
40283-60-1	See: PB4750000
40283-61-2	See: PB4780000
40283-62-3	See: PB4760000
40283-63-4	See: PB4823000
40283-64-5	See: PB4827000
40283-65-6	See: PB5110000
40283-66-7	See: PB5111000
40283-67-8	See: PB5120000
40283-68-9	See: PB4640000
40283-70-3	See: PB4500000
40283-72-5	See: PB4530000
40283-73-6	See: PB4520000
40283-74-7	See: PB4600000
40283-75-8	See: PB4590000
40283-76-9	See: PB4900000
40283-78-1	See: PB4990000
40283-79-2	See: PB4970000
40283-80-5	See: PB4961000
40283-81-6	See: PB4981000
40283-82-7	See: PB5090000
40283-83-8	See: PB5200000
40283-84-9	See: PB5020000
40283-85-0	See: PB4650000
40283-89-4	See: PB5140000
40283-90-7	See: PB5130000
40283-91-8	See: PB4610000
40283-92-9	See: PB4620000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
40283-93-0	See: PB5070000
40283-94-1	See: PB5080000
40283-95-2	See: PB4880000
40283-97-4	See: PB5160000
40283-98-5	See: PB4630000
40283-99-6	See: PB4680000
40284-00-2	See: PB5230000
40284-01-3	See: PB4820400
40284-02-4	See: PB5100000
40284-08-0	See: AD0300000
40284-10-4	See: AD0320000
40284-11-5	See: AD0690000
40284-12-6	See: AD0680000
40284-13-7	See: AD0950000
40284-17-1	See: AD0773000
40284-18-2	See: AD0769000
40284-19-3	See: AD0763000
40284-20-6	See: AD0765000
40284-21-7	See: AD0771000
40284-25-1	See: AD0761000
40284-27-3	See: PB4770000
*40285-10-7	See: RB5917000
40290-20-8	See: GT8948000
40290-21-9	See: RC8830000
40294-05-1	See: UE3750000
40294-18-6	See: AB6990000
*40321-70-8	See: MW4895500
*40321-72-0	See: DF4739000
*40321-74-2	See: MW4895400
*40321-76-4	See: HP3395000
*40334-69-8	See: CG8350000
*40341-04-6	See: DD8780000
*40345-75-3	See: DJ2590000
40353-34-2	See: QK5025000
40356-57-8	See: KO2900000
40361-82-8	See: NI7660000
*40372-95-0	See: DP1588300
*40373-00-0	See: DP1588400
40373-29-3	See: XY6887000
40374-51-4	See: BO8792000
40387-50-6	See: UM9700000
40387-89-1	See: NM2250000
40405-63-8	See: NI3800000
40405-65-0	See: NI3880000
40405-67-2	See: NI3580000
40405-68-3	See: NI3680000
40405-70-7	See: NI3640000
40405-71-8	See: NI3875000
40405-72-9	See: SK1250000
40405-73-0	See: NI3395000
40405-75-2	See: NI6900000
40405-76-3	See: NI5750000
40405-77-4	See: NI8400000
40405-78-5	See: NI3435000
40405-79-6	See: NI3560000
40405-80-9	See: NI6425000
40405-81-0	See: NI3515000
40431-23-0	See: DK8160000
40431-27-4	See: DK8150000
40451-47-6	See: GU3100500
40451-58-9	See: AR9740000
40452-14-0	See: SF7185000
40452-15-1	See: SF7180000
40452-16-2	See: SF7715000
40452-18-4	See: SF7710000
40452-19-5	See: SF7190000
40453-15-4	See: SF7187500
*40475-25-0	See: TL7720000
40477-24-5	See: NJ5690000
40481-86-5	See: UM6760000
*40487-42-1	See: BX5470000
40491-79-0	See: XT4375000
40493-21-8	See: UH1588000
40493-24-1	See: AD0767000
40502-68-9	See: TM2649500
40502-69-0	See: TM2658000
40502-70-3	See: TM2652500
40502-71-4	See: TM2661500
40502-72-5	See: TM2654000
40502-73-6	See: TM2658500
40504-26-5	See: GX0750000
40504-41-4	See: EU4750000
40504-42-5	See: EU4755000
40504-78-7	See: RQ5750000
40504-84-5	See: AR8680000
40504-92-5	See: AR7336000
40505-06-4	See: AR7395000
40505-20-2	See: AR7318000
40505-21-3	See: AR7319000
40505-25-7	See: AR8660000
40505-27-9	See: LV2476100
40511-31-7	See: NI3600000
40520-93-2	See: ON7820000
40523-01-1	See: NL7175000
40527-42-2	See: TO1925000
40536-23-0	See: WH1226500
40536-24-1	See: WH1225000
40536-26-3	See: WH1227000
40536-27-4	See: WH1231000
40536-29-6	See: WH1247000
40536-30-9	See: WH1236000
40536-31-0	See: WH1246500
40536-32-1	See: WH1245000
40536-36-5	See: WH1253500
40536-37-6	See: WH1247500
40536-39-8	See: WH1243000
40536-40-1	See: WH1253000
40545-65-1	See: UQ5250000
*40548-68-3	See: RP6430000
40552-64-5	See: AC6373000
40553-75-1	See: EU2455000
40553-77-3	See: AR8780000
*40568-90-9	See: DJ6950000
40571-89-9	See: TN4935000
40571-90-2	See: TN4932000
40580-83-4	See: UV1048000
*40580-89-0	See: CL6900000
40581-75-7	See: XI0331100
40590-65-6	See: DG0879000
40590-66-7	See: DG0883000
40596-69-8	See: JR1685000
*40601-99-8	See: DL0313500
*40602-08-2	See: DL0312500
*40626-35-5	See: TG1370000
*40640-30-0	See: UQ6907000
*40640-31-1	See: UQ6457000
*40640-34-4	See: UQ6905000
*40640-37-7	See: UQ6903000
40640-54-8	See: GW1415000
40640-55-9	See: GW1420000
40643-36-5	See: XX9595000
40643-37-6	See: XY2782500
40643-39-8	See: XY2783500
40652-06-0	See: AB5962500
*40665-92-7	See: MJ9652000
*40666-04-4	See: MJ9675000
*40671-46-3	See: TM9849900
40678-91-9	See: UY9395000
40678-92-0	See: UY9387500
*40680-70-4	See: DF6845170
*40680-72-6	See: DF6845020
*40680-74-8	See: DF6845230
*40680-75-9	See: DF6845220
*40680-76-0	See: DF6845200
*40680-77-1	See: DF6845010
*40680-78-2	See: DF6844930
*40680-79-3	See: DF6844800
*40680-80-6	See: DF6845180
*40680-82-8	See: DF6844890
*40680-83-9	See: DF6844920
*40680-84-0	See: DF6844940
*40680-85-1	See: DF6844970
*40680-87-3	See: DF6845120
*40680-90-8	See: DF6845030
*40680-91-9	See: DF6844830
*40680-92-0	See: DF6844990
*40680-93-1	See: DF6844980
*40680-96-4	See: DF6844950
*40680-97-5	See: DF6844960
*40680-98-6	See: DF6845130
*40680-99-7	See: DF6845140
*40681-00-3	See: DF6845150
*40681-01-4	See: DF6845070
*40681-02-5	See: DF6845080
*40681-03-6	See: DF6845090
*40681-04-7	See: DF6845100
*40681-05-8	See: DF6845110
*40681-06-9	See: DF6845040
*40681-07-0	See: DF6845050
*40681-08-1	See: DF6845060
40692-28-2	See: JK0525000
*40693-04-7	See: KN7700000
*40709-23-7	See: LV1030000
40709-79-3	See: WQ2100000
40709-82-8	See: WS2625000
40711-41-9	See: MV0840000
40712-66-1	See: VA2453700
*40712-75-2	See: FD9778100
40713-82-4	See: NM2084500
40713-90-4	See: NM2097000
40714-09-8	See: NM2096000
40714-36-1	See: NM2083000
40714-39-4	See: NM2088000
*40714-40-7	See: NM2088700
*40714-43-0	See: NM2089800
40714-44-1	See: NM2090000
40714-59-8	See: NM2095000
*40715-31-9	See: RO1030000
40722-30-3	See: UE3567000
40731-72-4	See: UX6400000
40750-52-5	See: DE3199000
40754-26-5	See: HP3081000
40754-93-6	See: ES4750000
40755-00-8	See: CV5030000
40755-04-2	See: YT4377000
40755-05-3	See: YT4385000
40755-07-5	See: YR7910000
40755-09-7	See: YT4380000
40755-14-4	See: MK0960000
40755-21-3	See: SC1242000
*40759-33-9	See: VC8608050
40762-15-0	See: DF2370200
40765-34-2	See: SP5086000
40771-31-1	See: KJ0405000
40771-32-2	See: KJ0518000
40771-33-3	See: XJ5490000
40771-34-4	See: XJ6010000
40771-37-7	See: XJ5523000
40771-38-8	See: XJ6093800
40790-78-1	See: XJ6052000
40805-93-4	See: TB9550000
40806-03-9	See: TC5280000
*40816-40-8	See: LW5440300
*40828-46-4	See: MU6647000
40830-61-3	See: NX5113000
40840-54-8	See: SC1240000
40843-82-1	See: XX9675000
40845-26-9	See: UE8925000
40847-64-1	See: CB1095000
*40853-53-0	See: MP8580000
*40853-56-3	See: AI5000000
40855-12-7	See: KL9375000
*40861-80-1	See: DL0314000
40864-48-0	See: NI8250000
*40870-52-8	See: DK5165000
*40870-53-9	See: DK4785000
*40870-69-7	See: DK4870000
*40870-70-0	See: FG0445000
40886-95-1	See: FE2775000
40890-85-5	See: DG0610000
40890-86-6	See: DG0630000
40890-87-7	See: DG0600000
40890-88-8	See: DG0590000
40890-89-9	See: DG0570000
40890-90-2	See: DG0580000
40890-91-3	See: DG0560000
40890-92-4	See: DG0550000
40890-94-6	See: DG0540000
40890-96-8	See: DG0530000
40911-07-7	See: EL1233000
40915-86-4	See: NX8157200
40925-63-1	See: DM5275000
*40942-73-7	See: GY5157000
*40951-13-1	See: GY5710000
40956-65-8	See: PA6405000
40958-06-3	See: JZ4107500
40959-16-8	See: UV0770000
40960-64-3	See: GX1455000
40960-65-4	See: GX1455100
*40960-78-9	See: QJ0352200
40961-62-4	See: AR7699300
40961-63-5	See: AR7699200
40967-09-7	See: UU3868000
40980-51-6	See: RA6920000
*40984-16-5	See: LZ5779900
41014-75-9	See: GQ3350000
*41022-54-2	See: AG8500000
*41042-21-1	See: NM1891840
41055-69-0	See: NL7390000
41056-55-7	See: DJ2260300
*41093-93-0	See: KE7287000
*41096-46-2	See: JR1700000
41097-27-2	See: PC3503500
41098-68-4	See: AB5690000
41098-69-5	See: AB4640000
*41109-80-2	See: TL6375000
41130-39-6	See: MF1450000
*41135-83-5	See: TJ7542000
41136-03-2	See: RQ4735000
*41136-22-5	See: XI0400000
41138-54-9	See: EC5989500
41148-29-2	See: FD8775000
41148-77-0	See: UV1179000
41190-18-5	See: SN8400000
41191-04-2	See: XS3650000
41191-07-5	See: XJ9060000
41191-12-2	See: SF7380000
*41198-08-7	See: TE6975000
*41206-16-0	See: PB2760000
41206-07-5	See: VC0600000

BEST COPY AVAILABLE

CAS No.	RTECS No.
41210-94-0	See: KJ7350000
*41217-05-4	See: HO7010000
41223-52-3	See: SF7500000
41225-92-7	See: DF6500000
41225-94-9	See: DF6841000
41225-96-1	See: DF6688000
41225-98-3	See: DF6694000
41226-04-4	See: DF6682000
41226-06-6	See: DF6679000
41226-08-8	See: DF6697000
41226-14-6	See: DF6646000
41226-16-8	See: DF6829000
41226-18-0	See: DF6649000
41226-20-4	See: DF6655000
41226-26-0	See: DF6709000
41226-28-2	See: DF6664000
41226-30-6	See: DF6700000
41226-33-9	See: DF6661000
41226-35-1	See: DF6673000
41226-37-3	See: DF6670000
41226-46-4	See: DF6826000
41261-71-6	See: TN4926000
*41262-21-9	See: CH8575000
41280-64-2	See: CZ6825000
41286-92-4	See: KJ0268000
41286-93-5	See: KJ0375000
41286-94-6	See: KJ0338000
41286-95-7	See: KJ0410000
41286-96-8	See: KJ0415000
41286-97-9	See: KJ2490000
41286-98-0	See: KJ2495000
41286-99-1	See: KJ0225000
41287-00-7	See: KJ0370000
41287-01-8	See: KJ0485000
41287-03-0	See: KJ0305000
41287-04-1	See: KJ0315000
41287-05-2	See: KJ0320000
41287-07-4	See: KJ2010000
41287-08-5	See: KJ2485000
41287-09-6	See: KJ0475000
41287-10-9	See: KJ2210000
41287-11-0	See: KJ2220000
41287-12-1	See: KJ0438000
41287-13-2	See: KJ0285000
41287-14-3	See: KJ0390000
41287-15-4	See: KJ0274000
41287-16-5	See: KJ1960000
41287-17-6	See: KJ0230000
41287-18-7	See: KJ0310000
41287-20-1	See: KJ2555000
41287-22-3	See: KJ2580000
41287-23-4	See: KJ2613000
41287-24-5	See: KJ0360000
41287-25-6	See: KJ0363000
41287-26-7	See: KJ2262000
41287-27-8	See: KJ2053000
41287-28-9	See: KJ2080000
41287-29-0	See: KJ0420000
41287-30-3	See: KJ2560000
41287-31-4	See: KJ1065000
41287-32-5	See: KJ2230000
41287-33-6	See: KJ2056000
41287-34-7	See: KJ2600000
41287-35-8	See: KJ0353000
41287-36-9	See: KJ0356000
41287-37-0	See: KJ2250000
41287-38-1	See: KJ2550000
41287-39-2	See: KJ2077500
41287-40-5	See: KJ2240000
41287-41-6	See: KJ1060000
41287-42-7	See: KJ2545000
41287-43-8	See: KJ0425000
41287-44-9	See: KJ2035000
41287-45-0	See: KJ2020000
41287-46-1	See: KJ0260000
41287-47-2	See: KJ0325000
41287-48-3	See: KJ0220000
41287-49-4	See: KJ0365000
41287-50-7	See: KJ0480000
41287-51-8	See: KJ0510000
41287-52-9	See: KJ0300000
41287-53-0	See: KJ0290000
41287-54-1	See: KJ0400000
41287-55-2	See: KJ2000000
41287-56-3	See: KJ0280000
41287-57-4	See: KJ0380000
41287-58-5	See: KJ2150000
41287-59-6	See: KJ2200000
41287-60-9	See: KJ0227500
41287-61-0	See: UT2840000
41287-62-1	See: UT2955000
41287-63-2	See: UT2963000
41287-64-3	See: UT2930000
41287-65-4	See: UT2940000
41287-66-5	See: UT2895000
41287-67-6	See: UT2910000
41287-68-7	See: UT2920000
41287-69-8	See: UT2860000
41287-70-1	See: UT2880000
41287-71-2	See: UT2820000
41287-72-3	See: XJ5160000
41287-73-4	See: XJ5470000
41287-74-5	See: XJ5240000
41287-75-6	See: XJ5520000
41287-76-7	See: XJ6020000
41287-77-8	See: XJ5140000
41287-78-9	See: XJ5460000
41287-81-4	See: XJ5555000
41287-82-5	See: XJ5200000
41287-83-6	See: XJ5210000
41287-85-8	See: XJ5220000
41287-86-9	See: XJ5510000
41287-87-0	See: XJ5500000
41287-88-1	See: XJ6015000
41287-90-5	See: XJ5545000
41287-91-6	See: XJ5180000
41287-92-7	See: XJ5230000
41287-95-0	See: XJ6062000
41287-96-1	See: XJ6090000
41287-97-2	See: XJ5170000
41287-98-3	See: XJ5480000
41287-99-4	See: XJ6005000
41288-00-0	See: XJ6065000
41288-01-1	See: XJ5190000
41288-02-2	See: XJ5150000
41288-03-3	See: XJ6095000
41288-04-4	See: XJ6094800
41288-05-5	See: XJ6175000
41288-07-7	See: XJ6077000
41288-08-8	See: XJ6113000
41288-10-2	See: XJ5450000
41288-12-4	See: XJ6053500
41288-13-5	See: XJ6085000
41288-14-6	See: XJ5530000
41288-15-7	See: XJ5585000
41288-16-8	See: XJ6075000
41288-17-9	See: XJ6100000
41288-18-0	See: XJ6028000
41288-19-1	See: XJ6150000
41288-21-5	See: XJ5440000
41288-22-6	See: XJ6083000
4*288-24-8	See: XJ5570000
41288-25-9	See: XJ6080000
41294-07-9	See: BR6950000
41349-15-9	See: TP2485800
*41349-35-3	See: DF4935600
41363-21-7	See: DH2060000
41363-50-2	See: DU8377000
41365-24-6	See: XM6885000
41365-28-0	See: UB9450000
*41394-05-2	See: XZ3015000
41416-54-0	See: GV9455000
41416-56-2	See: GW0770000
41416-60-8	See: GV5347000
41416-61-9	See: GV5339000
*41422-87-1	See: YJ9200000
41436-42-4	See: EN0339000
*41448-29-7	See: RA5392500
*41451-68-7	See: DF8079500
*41451-69-8	See: EM9253400
*41451-70-1	See: DF8079000
*41451-71-2	See: DF8079800
41451-75-6	See: EH8798000
41451-81-4	See: CU6340000
41459-10-3	See: NI4008500
41468-25-1	See: UV1208000
41472-74-6	See: NI2882500
41472-76-8	See: NI2883500
41475-71-2	See: TP2490000
41475-72-3	See: TP2497000
41475-78-9	See: TP2190000
*41475-79-0	See: TP2172500
*41483-43-6	See: WO5970000
41509-94-8	See: RG2210000
41510-13-8	See: YT4600000
41510-25-2	See: UQ4610000
41515-09-7	See: MT8280000
*41519-23-7	See: UA2470200
41524-09-8	See: XF1650000
*41542-50-1	See: DF9900000
41549-91-1	See: EJ4171500
41551-80-8	See: GU1784000
41563-94-4	See: TW3600000
41566-70-5	See: QM5330000
41566-73-8	See: QM5315000
41568-88-1	See: KH2680000
*41575-66-0	See: TP2494600
*41575-67-1	See: TP2494800
41575-76-2	See: TP2505700
41575-86-4	See: TP2505000
41575-87-5	See: TP2481000
41575-92-2	See: TP2485700
*41575-94-4	See: TP2300000
*41587-36-4	See: BX1399700
41590-62-9	See: RB5920000
*41593-31-1	See: GC0750000
*41598-07-6	See: UK7930000
*41621-49-2	See: UU7785500
41623-27-2	See: KG7765000
41626-69-1	See: TP2505600
*41637-05-2	See: TP2230400
41637-13-2	See: TP2197000
41656-29-5	See: AU4820000
41656-30-8	See: AU4625000
41656-32-0	See: AU4620000
41657-18-5	See: SY9310000
41657-19-6	See: SY9290000
41657-20-9	See: SY9850000
41657-29-8	See: SZ2490000
41657-30-1	See: SZ2480000
41657-31-2	See: SZ2650000
41659-20-5	See: WH1180000
41659-21-6	See: WH1145000
*41663-73-4	See: XJ2300000
41663-80-3	See: VD6191000
41666-76-6	See: TP2505800
41666-77-7	See: TP2505500
41680-34-6	See: UQ6390000
*41687-08-5	See: DD1751020
41695-25-4	See: WH1175000
41695-43-6	See: WH1185000
41695-45-8	See: WH1190000
41695-46-9	See: WH1165000
41695-48-1	See: WH1170000
41695-49-2	See: WH1140000
41695-51-6	See: WH1150000
41696-77-9	See: GU1786000
*41699-09-6	See: DI6250000
*41708-76-3	See: EK7795000
41712-62-3	See: NX4875000
41713-51-3	See: SZ5990800
41714-53-8	See: QC8995000
41717-28-6	See: DF6471000
*41717-32-2	See: DF6470600
41729-52-6	See: NJ5830880
41734-56-9	See: FE6310000
41734-57-0	See: FE6308000
41734-58-1	See: FE6314000
41734-59-2	See: FE6312000
41734-60-5	See: FE6302000
41734-61-6	See: FE6306000
41734-62-7	See: FE6304000
41734-63-8	See: GU4680000
41734-64-9	See: GU4685000
41734-65-0	See: GU4690000
41734-66-1	See: GU4695000
41734-67-2	See: FE6240000
41734-68-3	See: FE5970000
41734-69-4	See: FE6040000
41734-70-7	See: FE6017000
*41734-71-8	See: FE5995000
41734-72-9	See: FE6050000
41734-73-0	See: FE6020000
41734-74-1	See: FE6214000
41734-75-2	See: FE6262000
41734-76-3	See: FE6218000
41734-77-4	See: FE6210000
41734-78-5	See: FE6202000
41734-79-6	See: FE6260000
41734-80-9	See: FE6220000
41734-81-0	See: FE6212000
41734-82-1	See: FE6204000
41734-83-2	See: FE6264000
41734-84-3	See: FE6222000
41734-85-4	See: FE6224000
41734-86-5	See: FE5990000
41734-87-6	See: FE5960000
41734-88-7	See: FE6030000
41734-89-8	See: FE6010000
41735-28-8	See: XZ4970000
*41735-29-9	See: XZ4910500
41735-30-2	See: XZ4910000
41735-38-0	See: AC6230000
41735-41-5	See: XZ4945000
41735-42-6	See: XZ3870000
41735-43-7	See: AC6210000
41735-44-8	See: AC6240000
41735-45-9	See: XZ4940000
41735-50-6	See: AC6250000
41735-51-7	See: XZ4965000

BEST COPY AVAILABLE

CAS No.	RTECS No.
41735-52-8	See: XZ3866000
41735-54-0	See: XZ4400000
41735-55-1	See: XZ4960000
41735-56-2	See: XZ4955000
41735-57-3	See: XZ4930000
*41744-17-6	See: TP2246000
41760-38-7	See: XH5098900
*41762-18-9	See: VI9370000
41767-29-7	See: TU4155000
41768-12-1	See: QJ5850000
41768-13-2	See: QJ5730000
41771-50-0	See: UG8645000
41771-51-1	See: UH1760000
41771-52-2	See: UH1752000
41771-54-4	See: UG9411000
41771-55-5	See: UH1589400
41771-56-6	See: UH1762000
41771-57-7	See: UG8630000
41771-58-8	See: UG8620000
41771-60-2	See: UG8610000
*41772-23-0	See: QL3340000
41776-56-1	See: KD1778000
41776-57-2	See: KD1815000
41776-59-4	See: KD1920000
41776-62-9	See: KD1803000
41776-63-0	See: KD1753000
41776-64-1	See: KD1915000
41776-66-3	See: KD1773000
41776-67-4	See: KD1900000
41776-68-5	See: KD1843000
41776-71-0	See: KD1866000
41776-72-1	See: KD1870000
41776-73-2	See: KD1818000
*41814-78-2	See: XZ5475000
41825-28-9	See: OG0820000
41834-21-3	See: XZ4950000
41841-87-6	See: TP2218000
41844-44-4	See: WR7680000
41848-21-9	See: UL8130000
41849-38-1	See: XI0230000
41859-67-0	See: UE8755000
41880-50-6	See: UH1589500
41886-31-1	See: UA1600000
41887-54-1	See: KD1760000
41887-55-2	See: KD1806000
41887-56-3	See: KD1796000
41887-57-4	See: KD1821000
*41891-88-7	See: KK3548000
*41892-01-7	See: BQ2975000
41908-97-8	See: WR7050000
41920-57-4	See: DH2640000
41920-59-6	See: SZ4320000
41922-69-4	See: XJ5521000
41935-57-3	See: TX8025000
41945-37-3	See: UR0720000
*41945-41-9	See: RR1102000
*41948-17-8	See: UW7350800
41956-50-7	See: XJ5561000
41956-51-8	See: XJ5527000
41956-52-9	See: XJ6023000
41956-53-0	See: XJ5556000
41956-54-1	See: XJ5300000
41956-55-2	See: XJ6020500
41956-57-4	See: XJ5340000
41956-58-5	See: XJ5526000
41956-59-6	See: XJ6022500
41956-60-9	See: XJ5559000
41956-61-0	See: XJ5330000
41956-62-1	See: XJ5524000
41956-63-2	See: XJ6021500
41956-64-3	See: XJ5558000
41956-65-4	See: XJ5320000
41956-67-6	See: XJ6021000
41956-68-7	See: XJ5525000
41956-69-8	See: XJ6022000
41956-70-1	See: XJ5557000
41956-71-2	See: XJ5310000
41956-72-3	See: XJ6120000
41956-73-4	See: XJ5455000
41956-74-5	See: XJ6086000
41956-75-6	See: XJ6115000
41956-76-7	See: XJ5586000
41956-77-8	See: XJ6001000
41956-78-9	See: XJ5975000
41956-80-3	See: XJ6090500
41956-81-4	See: XJ5370000
41956-82-5	See: XJ6004000
41956-83-6	See: XJ5990000
41956-84-7	See: XJ6093300
41956-85-8	See: XJ6091500
41956-86-9	See: XJ5970000
41956-87-0	See: XJ6094500
41956-88-1	See: XJ5360000
41956-90-5	See: XJ6003000
41956-91-6	See: XJ5985000
41956-92-7	See: XJ6092800
41956-93-8	See: XJ5540000
41956-94-9	See: XJ5960000
41956-95-0	See: XJ6094100
41956-97-2	See: XJ6093500
41956-98-3	See: XJ6002000
41956-99-4	See: XJ5980000
41957-00-0	See: XJ6092500
41957-01-1	See: XJ6091000
41957-02-2	See: XJ6087000
41957-03-3	See: XJ5350000
41957-25-9	See: CV5820000
41957-26-0	See: GU7888000
41957-39-5	See: CV5581000
41957-48-6	See: CV4395000
41957-49-7	See: CV4450000
41958-49-0	See: NQ6590000
41958-50-3	See: NX4919000
41958-51-4	See: NW7050000
41958-52-5	See: NQ6600000
41958-53-6	See: NQ6605000
41958-55-8	See: XL9230000
41958-56-9	See: NX5099000
41958-57-0	See: NW7100000
41958-58-1	See: NX4923000
41958-59-2	See: NX5001000
41958-61-6	See: NX4912000
41958-62-7	See: NX4901000
41958-63-8	See: NX4890000
41958-64-9	See: NX4880000
41958-83-2	See: SF7370000
41970-62-1	See: KD1828000
41970-69-8	See: KD1855000
41970-81-4	See: KD1884000
41970-84-7	See: KD1783000
41970-88-1	See: KD1903000
41975-84-2	See: CL3535000
41987-47-7	See: NM2426000
*41992-22-7	See: CL7618500
*42003-39-4	See: YJ9030500
*42011-48-3	See: AC6700000
42013-65-0	See: CQ5584300
*42017-89-0	See: UA2453000
42018-29-1	See: AM6915000
42018-31-5	See: AM6000000
42018-32-6	See: AM9817000
*42019-02-3	See: UA2470850
*42019-07-8	See: UA2453300
*42019-08-9	See: UA2453200
*42019-13-6	See: UA2451600
*42019-26-1	See: UA2453100
*42019-30-7	See: UA2453700
*42019-31-8	See: UA2453500
*42019-35-2	See: UA2452960
42020-70-2	See: EU2500000
42020-71-3	See: EU3905000
42020-76-8	See: EU3990000
42020-96-2	See: EU2470000
42020-99-5	See: EU3900000
42021-00-1	See: EU3980000
42021-20-5	See: UQ4640000
42021-22-7	See: UQ4670000
42021-24-9	See: UQ4570000
42021-25-0	See: UQ4430000
42021-26-1	See: UQ4675000
42021-28-3	See: UQ4415000
42021-30-7	See: UQ4545000
42021-31-8	See: UQ4500000
42021-33-0	See: UQ4620000
42021-34-1	See: UQ4580000
42021-35-2	See: UQ4590000
42021-39-6	See: UQ4660000
42021-40-9	See: UQ4515000
42021-41-0	See: UQ4455000
42021-46-5	See: UQ4555000
42021-47-6	See: UQ4530000
42021-49-8	See: UQ4678000
42021-52-3	See: UQ4630000
42021-53-4	See: UQ4470000
42021-54-5	See: UQ4485000
42023-66-5	See: AG1070000
42023-67-6	See: ET6070000
42023-68-7	See: AH3307000
42023-69-8	See: GU6935000
42023-70-1	See: OO7950000
42023-72-3	See: OO7900000
42023-73-4	See: MO7800000
42023-74-5	See: AG5970000
42023-76-7	See: OO7975000
42024-27-1	See: UM8050000
*42028-27-3	See: GY5720000
*42028-33-1	See: XZ5960000
*42057-22-7	See: XH9165000
42061-34-7	See: ZD6056000
42061-35-8	See: ZD5712000
*42061-52-9	See: SZ5827000
42061-68-7	See: CQ5584000
42077-25-8	See: RH0366000
42106-58-1	See: AC7660000
42113-92-8	See: YT9800000
*42116-76-7	See: FD3912000
42134-91-8	See: LL9012000
*42135-35-3	See: LL9092000
42139-71-9	See: UQ4440000
*42149-31-5	See: MQ9700000
42160-94-1	See: GW7525000
*42200-33-9	See: QJ4870000
42206-69-9	See: VC7525000
42240-79-9	See: DU1050000
42242-53-5	See: UE5087000
*42242-58-0	See: BW7570000
*42242-59-1	See: BW7500000
*42255-14-1	See: SM9461000
42258-25-3	See: XJ5560000
42258-26-4	See: XJ5522000
*42279-29-8	See: KO3150000
42281-59-4	See: QC7800000
*42296-74-2	See: MM1996000
42310-58-7	See: AB6950000
*42310-84-9	See: WS4920000
42329-05-5	See: UQ6750000
42363-65-5	See: WK2240000
42373-29-5	See: QN2790000
*42397-64-8	See: UR2455000
*42397-65-9	See: UR2456000
*42419-59-0	See: GU7727900
42435-29-0	See: UF6680000
*42436-07-7	See: CY1630000
*42461-89-2	See: DF4912000
*42461-90-5	See: UD4230000
42469-36-3	See: RP6791500
42469-39-6	See: RP6790500
42469-47-6	See: RP6791000
42469-73-8	See: RP6793500
42469-80-7	See: RP6793000
42469-81-8	See: RP6792500
42471-68-1	See: SL7755000
42471-69-2	See: CL5494930
42471-70-5	See: SL7827000
42472-93-5	See: MA5300000
42504-43-8	See: NK6700000
42505-79-3	See: TL1750000
*42509-80-8	See: TE7750000
42510-57-6	See: RQ5833600
42510-58-7	See: RQ5834200
42520-97-8	See: IA0525000
*42522-72-5	See: XO1617000
*42528-17-6	See: TN4433180
*42528-18-7	See: TN4433300
*42528-19-8	See: TN4433090
*42528-20-1	See: TN4702000
42540-40-9	See: XI0380000
42540-56-7	See: WH0200000
42542-07-4	See: SH6815000
*42553-65-1	See: HL7380000
42558-93-0	See: GU8418000
42558-94-1	See: GU8410000
42576-02-3	See: DG7890000
*42576-23-8	See: SL0551500
*42579-28-2	See: MU3950000
42581-41-9	See: XH6200000
42583-20-0	See: UA4660000
42583-55-1	See: DK8180000
42583-56-4	See: OB1970000
42585-59-1	See: AM9167000
42585-60-4	See: DL0717000
42589-07-1	See: SN2755000
42595-18-6	See: ON4950000
42607-21-6	See: XJ5426700
*42609-52-9	See: YT0051000
*42615-29-2	See: DB4370000
42617-24-3	See: OP4087000
*42617-35-6	See: VT6307000
42713-66-6	See: RM2981500
42773-56-8	See: NM3289500
42773-57-9	See: NM3288900
42773-58-0	See: NM3289600
42773-59-1	See: NM3288800
42773-60-4	See: NM3288450
42773-61-5	See: NM3288300
42773-62-6	See: NM3288400
42773-69-3	See: NM3289800
42773-70-6	See: NM3289700
42773-71-7	See: NM3285000
42773-72-8	See: NM3260000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
42773-73-9	See: NM3288600
42773-75-1	See: NM3287000
42773-76-2	See: NM3264000
42773-77-3	See: NM3288700
42773-86-4	See: NM3286000
42773-87-5	See: NM3263000
42773-88-6	See: NM3291000
42773-90-0	See: NM3288000
42773-91-1	See: NM3265000
42773-92-2	See: NM3292000
42773-93-3	See: NM3290400
42776-00-1	See: UU3515[illegible]
42782-77-4	See: DF6610000
*42784-13-4	See: FD0422000
*42794-63-8	See: UB4798000
*42794-87-6	See: DD1751080
42797-18-2	See: DG4375000
*42824-26-0	See: YE0625000
*42824-29-3	See: KQ7800000
*42824-30-6	See: SG8122000
*42824-33-9	See: YE0635000
*42824-34-0	See: YE2113510
*42824-35-1	See: YE0614000
*42824-37-3	See: UX9771300
*42824-38-4	See: YE2113530
*42824-39-5	See: YE0630000
*42839-36-1	See: MF5350000
42839-72-5	See: LL9010000
42839-73-6	See: LL9005000
42839-76-9	See: LL9050000
42839-77-0	See: LL9030000
42839-78-1	See: LL9090000
42839-79-2	See: LL9080000
42839-80-5	See: LL9040000
42839-82-7	See: LL9070000
42839-83-8	See: LL9060000
42840-05-1	See: ZD6053000
42840-06-2	See: ZD6032000
42840-07-3	See: ZD6110500
42840-08-4	See: ZD6104500
42840-13-1	See: HP5265000
42840-14-2	See: HP5260000
42840-15-3	See: HP5290000
42840-16-4	See: HP5280000
*42840-17-5	See: HP5295000
42841-31-6	See: UG1750000
42863-81-0	See: UU8950000
*42864-78-8	See: UB2709000
42874-01-1	See: KN6920000
*42874-03-3	See: KN6900000
*42884-33-3	See: QL3000000
42887-47-8	See: NW7875000
42902-30-7	See: RQ2505000
42902-32-9	See: RQ2857500
42902-33-0	See: RQ2540000
42902-34-1	See: RQ2470000
42902-35-2	See: RQ2852500
42902-46-5	See: RQ2860000
42902-47-6	See: RQ2855000
42902-48-7	See: RQ2550000
42902-49-8	See: RQ2472500
42902-53-4	See: TZ1190000
42909-29-5	See: ST2750000
*42920-39-8	See: YE0610000
42920-51-4	See: UQ0465000
42955-46-4	See: YT4375000
*42959-18-2	See: JG6716000
*42971-09-5	See: JW4792000
42973-01-3	See: UE3290000
42973-02-4	See: UE3562000
42973-07-9	See: AB6005000
*42978-42-7	See: DJ4825000
*42978-43-8	See: DJ4800000
42981-83-9	See: HO7610000
42981-84-0	See: HO7625000
42981-86-2	See: HO7630000
42981-88-4	See: HO7580000
42981-89-5	See: HO7595000
42981-90-8	See: HO7590000
42981-91-9	See: HO7605000
42982-87-6	See: GD2905000
42989-99-1	See: UE7175000
*43000-65-3	See: CL8018000
43024-25-5	See: UR0740000
43024-26-6	See: UR0770000
43027-27-6	See: XY3535000
*43043-15-8	See: CV2150000
*43047-59-2	See: DL9860000
43047-99-0	See: HP5250000
*43071-52-9	See: OB4571050
*43085-16-1	See: KG7733000
43087-91-8	See: DL2800000
*43110-10-7	See: CB9376320
*43121-43-3	See: EL7100000
*43133-95-5	See: SA2994000
43135-86-0	See: TP4925000
43146-39-0	See: UB1765000
43148-98-7	See: AJ1473000
43152-60-9	See: UY1328500
43159-86-0	See: ZD5890000
43159-87-1	See: ZD5860000
43159-88-2	See: ZD5960000
43159-92-8	See: ZD6034000
43159-93-[illegible]	See: ZD6119000
43159-94-0	See: ZD6118000
43159-96-2	See: ZD5714000
43159-97-3	See: ZD5718000
43159-99-5	See: ZD5716000
43191-41-9	See: DU2000000
43196-10-7	See: GD7202000
43196-11-8	See: GD7204000
43196-12-9	See: GD7370000
43196-14-1	See: GD7390000
43196-15-2	See: GD7080000
43196-16-3	See: GD6856000
43196-21-0	See: GD7359000
43196-22-1	See: GD7357000
43196-23-2	See: GD7215000
43196-24-3	See: GD7230000
43196-25-4	See: GD7230500
43196-28-7	See: GD8560000
43196-33-4	See: GD7214000
43196-34-5	See: GD7210000
43196-35-6	See: GD7178000
43196-36-7	See: GD7176500
43196-37-8	See: GD7216000
43196-38-9	See: GD7125000
43196-39-0	See: GD7365000
43198-90-9	See: RQ2840000
*43200-80-2	See: TL1425000
*43210-67-9	See: DD6520500
43218-55-9	See: DL98300[illegible]
*43222-48-6	See: UQ9820000
*43229-80-7	See: LQ2988000
*44296-44-8	See: TZ7230000
44912-54-1	See: GQ3325000
44984-18-1	See: YR8200000
*45007-61-2	See: MQ0880000
*45173-31-7	See: SZ3776000
*45776-10-1	See: CM7890000
46121-22-6	See: ME8515000
46125-42-2	See: UG1550000
46231-41-8	See: MF5650000
46231-44-1	See: MF5960000
46322-05-8	See: ME9400000
46322-16-1	See: MF6675000
46322-18-3	See: ME9420000
46343-15-1	See: MF6670000
46352-58-3	See: ME9410000
46352-72-1	See: MF6680000
46352-75-4	See: ME9430000
46377-45-1	See: DK8080000
46398-51-0	See: MF7357500
46398-60-1	See: MF7365000
46409-23-8	See: XY3335000
46410-78-0	See: HP2105000
46488-79-3	See: MF4250000
46499-86-9	See: AD0800000
46504-22-7	See: MF7375000
46781-71-9	See: DK8170000
46802-78-2	See: MF4552000
46808-65-5	See: DK8140000
*46817-91-8	See: QE3940000
46819-60-7	See: MF4553000
46859-31-8	See: DK8070000
46878-66-4	See: VN7410000
46921-17-9	See: RQ4800000
46941-76-8	See: GV8900000
46948-71-4	See: SZ4575000
46967-57-1	See: MF0540000
46987-19-3	See: TN4235000
46991-58-6	See: TN4230000
47000-92-0	See: XS9845000
47003-79-2	See: AC6150000
47037-60-5	See: DK8110000
47066-92-2	See: NL9450000
47080-16-0	See: TM4295000
47087-55-8	See: AF5460000
47122-52-1	See: DK8090000
47124-18-5	See: NW6600000
47165-04-8	See: NL5995050
47167-71-5	See: CV4218000
47190-12-5	See: DK8100000
47190-13-6	See: DK8130000
47228-61-5	See: TN4255000
47233-87-4	See: MO1325000
47252-01-7	See: QD0870000
47252-06-2	See: QD0830000
47326-86-3	See: XY5851150
47328-55-2	See: DK8120000
47354-67-6	See: CV4650000
47371-61-9	See: UX9639000
47420-10-0	See: UX1800000
47420-35-9	See: CM4336000
47441-00-9	See: MF6700000
47485-41-6	See: LU5240000
47539-72-0	See: LU5221000
47594-08-1	See: AC6381000
47606-53-1	See: QC7540000
47623-20-1	See: XO1578000
47623-22-3	See: XO1579000
*47719-70-0	See: AX8154600
*47719-73-3	See: AX8155500
*47739-41-3	See: AX8155300
*47739-42-4	See: AX8155200
47897-65-4	See: QJ6410000
48122-13-0	See: TN1250000
48126-31-4	See: YQ8730000
*48145-04-6	See: KM0700000
*48163-10-6	See: CM7900000
48187-65-1	See: NW6590000
48219-88-1	See: RG2190000
48222-46-4	See: RG2220000
*49538-98-9	See: WH7400000
49548-36-9	See: NJ5963000
49557-33-7	See: BP7510000
49561-54-8	See: RO0810900
49561-95-7	See: UV8196000
49562-05-2	See: DE7940000
*49562-28-9	See: UA2453400
*49564-56-9	See: NJ5830100
49571-04-2	See: UX9710500
49598-79-0	See: AU4886000
49606-40-8	See: YT0075000
49637-08-3	See: TM4962000
49644-25-9	See: GY7210000
49646-03-9	See: DP0450000
49646-20-0	See: UB3920000
*49669-75-2	See: OR8746830
49669-76-3	See: OR8746940
49669-77-4	See: OR8746910
49700-31-4	See: VA3015000
49701-98-6	See: DL1020000
49702-16-1	See: DL1008000
49702-17-2	See: DL0972000
49702-22-9	See: DL1032000
49710-85-2	See: DF6820000
49710-86-3	See: DF6760000
49710-87-4	See: DF6790000
49710-89-6	See: DF6844400
49710-91-0	See: HE0760000
49710-96-5	See: BP8275000
49710-99-8	See: UH2150000
49711-82-2	See: RQ2940000
49719-89-3	See: MF3900000
49720-72-1	See: GH0980000
*49720-83-4	See: SI6825000
49722-33-0	See: HA4725000
49745-00-8	See: AE2190000
49748-76-7	See: IO2270000
49751-17-9	See: QC7760000
*49751-44-2	See: TJ7550200
*49751-46-4	See: TJ7540000
*49751-50-0	See: TJ7554600
49755-81-9	See: AY3010000
49755-86-4	See: VQ2900000
49755-90-0	See: XO8600000
49755-92-2	See: VT9580000
*49763-96-4	See: SB3393000
*49779-96-6	See: XJ1790000
*49779-99-9	See: XJ1795000
*49780-10-1	See: SN7700000
49784-47-6	See: CQ8880000
49786-32-5	See: GY5876600
49786-33-6	See: GY5876200
49786-34-7	See: GY5877000
49786-40-5	See: GY5874600
49786-42-7	See: GY5874000
49786-43-8	See: GY5874300
49786-46-1	See: GY5874400
49786-48-3	See: GY5874200
49786-55-2	See: GY5876300
49786-56-3	See: GY5876400
49786-62-1	See: GY5874800
49800-19-3	See: QM5055000
49802-64-4	See: AH3184500
*49803-30-7	See: NK5669000
*49803-32-9	See: NK5977300
*49806-90-8	See: TN4433270
*49806-91-9	See: TN4433150

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
*49806-92-0	See: TN4433390
*49806-93-1	See: TN4433030
*49806-94-2	See: TN4433360
*49806-95-3	See: TN4433210
*49806-97-5	See: TN4433330
*49806-99-7	See: TN4433060
49812-94-4	See: DF6844600
*49818-99-7	See: UD3325700
*49819-01-4	See: UD3325600
*49819-04-7	See: UD3325500
*49822-16-4	See: PB8420000
49827-48-7	See: MJ1300000
*49830-98-0	See: DM3097000
*49832-41-9	See: GV8845000
*49832-42-0	See: GW0558000
*49832-43-1	See: DT5078600
*49832-44-2	See: DT5079350
*49832-45-3	See: DT5078700
*49832-46-4	See: DT5079400
*49832-47-5	See: DT5079500
*49832-48-6	See: CL5615550
*49832-49-7	See: CL5615650
*49832-50-0	See: CL5615600
*49832-51-1	See: ER9520000
*49832-52-2	See: CL5638000
*49832-53-3	See: CL5634000
49838-65-5	See: XY2850000
*49842-07-1	See: WK2110000
*49849-01-6	See: RO1010000
*49852-84-8	See: DJ4920000
*49852-85-9	See: DJ4850000
49863-03-8	See: WK2132000
49863-47-0	See: WK2132600
49863-48-1	See: WK2284000
49872-88-0	See: AD5080000
49872-89-1	See: AD5020000
50264-60-3	See: NK7884100
50264-61-4	See: NK7884000
50264-62-5	See: NK7883000
50264-63-6	See: NK7886400
50264-68-1	See: NK7886100
*50264-69-2	See: NK7886000
50264-75-0	See: NK7885500
50264-76-1	See: NK7886700
50264-78-3	See: NK7886300
50264-83-0	See: NK7886200
50264-85-2	See: NK7886800
*50264-86-3	See: NK7885000
50264-93-2	See: NK7884400
50264-95-4	See: NK7884200
50264-96-5	See: NK7884300
50264-99-8	See: NK7884500
50265-05-9	See: NK7882000
*50270-32-1	See: UQ4925000
*50270-33-2	See: UQ4929000
*50270-99-0	See: LZ5779800
50275-61-1	See: MA4445000
50279-92-0	See: JI5005550
50279-93-1	See: JI5005500
50279-94-2	See: JI5005350
50279-95-3	See: JI5005300
50279-96-4	See: JI5005250
50279-97-5	See: JI5005200
50279-98-6	See: JI5005100
50279-99-7	See: JI5005700
50280-00-7	See: JI5005000
50280-01-8	See: JI5005600
50280-02-9	See: JI5005400
50283-78-8	See: LU0220000
*50285-70-6	See: YT9750000
*50285-71-7	See: YT0100000
*50285-72-8	See: YS9380000
50295-18-6	See: AN7502500
50295-20-0	See: AN7740100
50295-21-1	See: AN7743000
50309-00-7	See: VA2160000
50309-01-8	See: VC3542150
50309-45-0	See: CQ6675000
50309-47-2	See: CQ0550000
50310-44-6	See: QL1730000
50315-49-6	See: UF2030500
50331-98-1	See: JI4651900
50332-00-8	See: JI4651600
50332-01-9	See: JI4651350
50332-02-0	See: JI4651300
50332-05-3	See: JI4651100
50332-06-4	See: JI4652500
50332-07-5	See: JI4651400
50332-08-6	See: JI4652000
50332-09-7	See: JI4651000
50332-10-0	See: JI4651500
50332-11-1	See: JI4651700
50332-12-2	See: GY1675000
50332-13-3	See: GY1672500
50332-14-4	See: GY1672000
50332-15-5	See: GY1671000
50332-16-6	See: GY1679000
50332-17-7	See: GY1670000
50332-18-8	See: GY1674000
50332-19-9	See: JI4635550
50332-20-2	See: JI4635500
50332-21-3	See: JI4635350
50332-22-4	See: JI4635300
50332-23-5	See: JI4635200
50332-24-6	See: JI4635100
50332-25-7	See: JI4635800
50332-26-8	See: JI4635000
50332-27-9	See: JI4635700
50332-28-0	See: JI4635400
50332-29-1	See: GU3110050
50332-30-4	See: GU3110000
50332-31-5	See: GU3107100
50332-32-6	See: GU3107000
50332-33-7	See: GU3104100
50332-34-8	See: GU3104000
50332-35-9	See: GU3102000
50332-36-0	See: GU3117000
50332-37-1	See: GU3101000
50332-38-2	See: GU3115000
50332-39-3	See: GU3109000
50335-03-0	See: HA5305000
50335-55-2	See: UV8126000
50341-62-3	See: QJ1894000
50341-63-4	See: QJ1898000
50341-65-6	See: QJ1891000
50341-66-7	See: QJ1893500
50341-68-9	See: QJ1887000
50341-69-0	See: KH8602500
50341-70-3	See: KH8613000
50341-72-5	See: KH8587350
50341-73-6	See: KH8602000
50341-74-7	See: KH8603000
50341-75-8	See: QJ1893000
50341-76-9	See: QJ1890500
50341-78-1	See: KH8603500
50341-79-2	See: DF6473400
50341-80-5	See: DF6473000
50341-82-7	See: VB1165000
50341-85-0	See: NW6998300
50341-95-2	See: QJ1892000
50341-98-5	See: NW7175000
*50355-74-3	See: XY2380000
*50355-75-4	See: XY2370000
50357-45-4	See: CV6520000
*50370-12-2	See: XI0337000
50372-43-5	See: XY3530000
50372-47-9	See: XY3538000
*50375-48-9	See: XG4600000
50403-73-1	See: UW3850000
*50413-16-6	See: LU3569160
50416-37-0	See: JI4651800
*50419-21-1	See: TM2648030
50419-23-3	See: TM0845000
50419-24-4	See: TM2977000
*50419-27-7	See: TM2648010
*50419-28-8	See: TM2648040
*50419-29-9	See: TM2648020
50420-92-3	See: NM3288500
50439-02-6	See: XU1930000
50439-07-1	See: GP4210000
50439-08-2	See: GP4190000
50439-10-6	See: XU1760000
50439-12-8	See: XU2440000
50444-78-5	See: MS3110000
50454-68-7	See: NK7884600
*50465-29-2	See: UA2458000
*50471-44-8	See: RP8530000
50474-67-4	See: WK2303000
50474-68-5	See: WK2160000
*50475-76-8	See: OJ5565000
50484-98-5	See: KE2600000
50484-99-6	See: KE4025000
50485-03-5	See: KE2275000
50486-90-3	See: YS7300000
50509-52-9	See: XJ9075000
50510-11-7	See: RQ4300000
50510-12-8	See: RQ4305000
50510-13-9	See: RQ4310000
50510-16-2	See: UA5795000
*50512-35-1	See: TY1846000
50528-56-8	See: YT3860000
50528-63-7	See: YT8800000
50528-92-2	See: YS6490000
*50528-97-7	See: YT8850000
50528-98-8	See: YT8825000
50528-99-9	See: YT6460000
50529-02-7	See: YT8775000
50529-04-9	See: YS9125000
50529-07-2	See: YS9390000
50529-08-3	See: YS8100000
50529-09-4	See: YS9867500
50529-13-0	See: YS3390000
50529-32-3	See: YS6410000
50529-36-7	See: YS6390000
50538-07-3	See: TA8106000
50540-24-4	See: TX7035000
50570-59-7	See: WJ6200000
50584-06-0	See: NL7867000
*50585-39-2	See: HP3095700
*50585-46-1	See: HP3495500
50587-91-2	See: TN4938000
50587-93-4	See: TN4415000
50587-95-6	See: TN4410000
50587-96-7	See: TN4425000
50587-97-8	See: TN4939000
50587-98-9	See: TN4931000
50588-00-6	See: TN4936000
50588-01-7	See: TN4934000
50588-02-8	See: TN4928000
50588-13-1	See: TN4530000
50593-68-5	See: NK7900000
50599-78-5	See: ET9845000
50602-40-9	See: UV9275000
*50602-44-3	See: UW7860000
50602-77-2	See: MA1230000
50606-83-2	See: SH2104500
50606-89-8	See: SH2103000
50634-93-0	See: DF6901700
50642-14-3	See: YV9350000
50642-15-4	See: ZB2100000
*50642-68-7	See: QE2200000
50650-74-3	See: SH6475000
50652-91-0	See: XT4025000
50655-21-5	See: GY7100000
*50656-66-1	See: UD3470000
*50657-29-9	See: RK0177950
*50679-08-8	See: TM4969000
50692-34-7	See: OR8747000
*50700-49-7	See: AC6960000
*50700-72-6	See: TN4875000
50700-73-7	See: TN4420000
*50707-40-9	See: XY2760000
50708-20-8	See: LZ9400000
50717-02-7	See: FE6200000
50719-82-9	See: US4055100
50720-30-4	See: ZB1710000
50720-31-5	See: ZB1700000
*50722-38-8	See: YD0150000
50722-74-2	See: FC4760000
50765-53-2	See: UE5085000
50765-54-3	See: UE5085300
50765-55-4	See: UE5085100
50765-56-5	See: UE5085200
50765-57-6	See: UG6414500
50765-59-8	See: UE5086500
50765-61-2	See: UE5086000
50765-71-4	See: QJ1384000
50765-72-5	See: QJ1388000
50765-73-6	See: QJ1380000
50765-74-7	See: UY0280000
50765-75-8	See: TM5690000
50765-77-0	See: QJ1377100
50765-78-1	See: QJ1370000
50765-79-2	See: QJ1377000
50765-82-7	See: QJ1365000
50765-83-8	See: QK0303000
50765-84-9	See: QK0306000
50765-85-0	See: QJ1385000
50765-87-2	See: QJ0703000
50765-88-3	See: QJ0725000
50765-89-4	See: QJ0675000
50765-91-8	See: TM5300000
50765-92-9	See: QD9000000
50765-93-0	See: QJ0612000
50765-94-1	See: QJ0618000
50765-95-2	See: QJ0614000
50765-96-3	See: QJ0616000
50765-97-4	See: QJ0605000
50765-98-5	See: QJ0706000
*50782-69-9	See: TB1090000
50794-02-0	See: AB8295000
50794-03-1	See: AB6400000
*50802-21-6	See: LS6872000
50813-20-2	See: AU1970000
50813-46-2	See: CB9946000
*50814-62-5	See: JX7040000
50814-68-1	See: LK7900000
50816-09-6	See: ZA5190000
*50816-18-7	See: AG5230000
50823-08-0	See: TN7645000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
50823-11-5	See: UY1328600
50823-18-2	See: TN7746000
50823-52-4	See: DE7950000
50823-53-5	See: DE7960000
50823-55-7	See: DE7970000
50823-56-8	See: DE7900000
50823-57-9	See: DE7920000
50823-58-0	See: DE7930000
50823-94-4	See: UV8215000
50823-97-7	See: UV7931000
50823-99-9	See: UV8210000
50824-01-6	See: UV7930000
50824-02-7	See: UV7935000
50832-74-1	See: UR5808000
50835-99-9	See: QL0550000
50836-00-5	See: DF4935000
50836-02-7	See: WH0180000
50836-03-8	See: WH0195000
50836-04-9	See: WH0183000
50836-05-0	See: DF4860000
50836-11-8	See: DF4770000
50836-12-9	See: DF4810000
50836-14-1	See: DF4840000
50836-16-3	See: DF4830000
50836-20-9	See: DF4850000
50836-22-1	See: DF4760000
50836-26-5	See: WH0186000
50836-28-7	See: DF4930000
50836-29-8	See: DF4750000
*50838-36-3	See: FD3920000
*50840-26-1	See: AG0570000
50846-38-3	See: GU7400000
50847-92-2	See: XM3064000
*50864-67-0	See: CR0270000
50865-01-5	See: TS5450000
*50880-57-4	See: BV8405000
50884-84-9	See: CQ1483000
50885-13-7	See: UT5021000
*50885-14-8	See: UT5037000
*50892-23-4	See: AG2915000
50901-84-3	See: UY7351500
50901-87-6	See: UY7351000
50901-90-1	See: UY7359550
50901-92-3	See: UY7352500
50901-94-5	See: UY7359600
*50903-17-8	See: YS7590000
*50922-29-7	See: GB3295000
50922-39-9	See: LL1125000
50922-47-9	See: OH7700000
*50924-49-7	See: NI3980000
50925-56-9	See: CB9392500
50925-90-1	See: JG5789000
50926-83-5	See: TR7880000
*50935-04-1	See: QI9293250
*50935-71-2	See: QA2805000
50958-23-1	See: VN2850000
*50976-02-8	See: AT4755000
*50982-74-6	See: KJ6502000
50984-52-6	See: BZ2600000
*50992-77-3	See: YT4975200
51005-27-7	See: DA4727100
51006-03-2	See: QC7730000
51012-66-9	See: UG8575000
*51013-18-4	See: UY5789900
*51022-69-6	See: TU3682500
*51022-70-9	See: CZ6430100
51022-71-0	See: HP8756000
51022-74-3	See: DH6170000
*51022-98-1	See: EN2246000
*51023-22-4	See: EM9045000
*51023-56-4	See: GA8730000
51024-63-6	See: CV5060000
*51025-94-6	See: LY5235000
51026-19-8	See: UR6100000
*51026-28-9	See: FB2350000
51028-83-2	See: DU8360000
51028-84-3	See: AI4990000
51028-85-4	See: AF7105000
51028-86-5	See: AI3900000
51028-87-6	See: AG5100000
51028-88-7	See: DU8250000
51028-89-8	See: DU8255000
51028-91-2	See: DU8320000
51028-92-3	See: DU8370000
51028-96-7	See: AI8968000
*51029-30-2	See: NC3600000
51034-39-0	See: TZ6390000
51037-30-0	See: UQ2453000
51041-93-1	See: EC5991530
51042-03-6	See: WQ5250000
51042-04-7	See: WR6485000
51052-72-3	See: TY6825000
51053-36-2	See: HG4484000
51064-31-4	See: RT3600000
51068-60-1	See: WO6000000
51085-80-4	See: TL9420500
*51093-55-1	See: VJ1300000
51098-13-6	See: FB2900000
*51103-01-6	See: KK7610000
51108-87-3	See: CB9755220
*51109-11-6	See: DV7800000
51109-83-2	See: MD7400000
*51110-01-1	See: WF8751700
51120-35-5	See: XN4500000
51123-83-2	See: VA1368000
51128-06-4	See: NM7510000
*51131-85-2	See: UU8886500
51140-23-9	See: DF4800000
*51142-27-9	See: FI3519400
51161-54-7	See: TU1596000
51161-55-8	See: TU1596100
51165-36-7	See: CP9850000
51165-37-8	See: CP9900000
51165-38-9	See: CQ6490000
51165-39-0	See: CQ6510000
51165-40-3	See: CQ0360000
51165-41-4	See: CQ0370000
51167-86-3	See: OB5300000
51171-78-9	See: GV8501000
51171-79-0	See: GV8500000
51171-82-5	See: GW7915000
51171-84-7	See: GV8540000
51171-85-8	See: GV8541000
51171-86-9	See: GW7917000
*51200-87-4	See: RP7211000
51201-09-3	See: RQ5833000
*51207-31-9	See: HP5295200
*51212-80-7	See: GF9272000
*51218-45-2	See: AN3430000
51227-49-7	See: FH4592000
51234-26-5	See: DM4484000
51234-27-6	See: DM4472000
*51234-28-7	See: DM4447000
51234-29-8	See: DM4444000
51234-30-1	See: DM4491500
51234-37-8	See: DM4427000
51234-39-0	See: DM4430000
51234-41-4	See: DM4450000
51234-52-7	See: DM4498000
51234-54-9	See: DM4822000
51234-58-3	See: DM4485000
51234-62-9	See: DM4448000
51234-64-1	See: DM4478000
51234-65-2	See: DM4460000
51234-66-3	See: DM4458000
51234-70-9	See: DM4492000
51234-72-1	See: DM4441000
51234-73-2	See: DM4494000
51234-74-3	See: DM4475000
51234-75-4	See: DM4469000
51234-76-5	See: DM4463000
51234-77-6	See: DM4466000
51234-79-8	See: DM4447500
51234-86-7	See: DM4453000
51234-92-5	See: DM4481000
*51235-04-2	See: XY7850000
51241-99-7	See: TU3690000
*51246-70-9	See: UB6670000
51249-05-9	See: SZ6900000
51257-69-3	See: CB9396700
*51257-84-2	See: HL5522000
51263-32-2	See: CM4090000
*51264-14-3	See: PB1080000
*51274-82-9	See: AY4400000
51274-83-0	See: NJ2465000
*51276-91-6	See: UU4025300
*51276-92-7	See: UU6855100
*51276-93-8	See: UU6855250
*51276-94-9	See: UU6818000
*51276-95-0	See: UU6817000
*51276-96-1	See: UU6813500
*51287-57-1	See: NX8155820
*51308-54-4	See: FG3414500
*51312-42-6	See: TH5775000
*51317-24-9	See: OG2120000
*51321-79-0	See: CI9469000
51325-19-0	See: TQ2660000
*51325-35-0	See: XY5850000
*51337-71-4	See: UE9520000
*51338-27-3	See: UF1180000
51340-26-2	See: NY9030000
51352-87-5	See: DG4226000
51353-04-9	See: SH7790000
*51354-31-5	See: BV8047600
*51354-33-7	See: BV8044360
*51354-34-8	See: BV8047710
*51354-35-9	See: BV8044350
51359-96-7	See: WH1160000
51359-98-9	See: WH1205000
51360-00-0	See: WH1195000
51360-08-8	See: WH1200000
51360-09-9	See: WH1215000
51360-10-2	See: WH1210000
*51365-20-9	See: NM1275000
51366-07-5	See: NX6010000
*51366-35-9	See: UD3325000
*51370-16-2	See: UU6855200
51371-34-7	See: OO8460000
51371-59-6	See: RN8500000
51374-99-3	See: MW4950000
*51382-46-8	See: HM2610000
51384-98-6	See: US3860000
51395-51-8	See: UU5220000
*51410-30-1	See: UV1151200
*51410-44-7	See: DO9200000
51410-45-8	See: BZ8760000
*51411-04-2	See: DE4080500
51415-04-4	See: AG9610000
*51423-20-2	See: UY0875100
51424-33-0	See: NX6000000
51444-27-0	See: XZ4800000
51444-28-1	See: XZ4700000
51444-29-2	See: XZ5255000
51444-53-2	See: BP7480000
51444-54-3	See: BP8120000
51444-55-4	See: BO3750000
51444-56-5	See: BP8098000
51444-57-6	See: BP8088000
51444-58-7	See: BP8090000
51444-59-8	See: TN5953000
51444-60-1	See: BP8093000
51444-61-2	See: BP8086000
51444-62-3	See: BP6835000
51444-63-4	See: BP8110000
51444-64-5	See: BP7500000
51444-65-6	See: BP8096000
51449-51-5	See: XI3700000
*51461-16-6	See: CB6951000
51461-76-8	See: UV9720000
51473-23-5	See: KE6320000
51476-02-9	See: QF3355000
51476-04-1	See: BP8095000
51478-17-2	See: PB9080900
51478-20-7	See: PB9083840
51478-21-8	See: PB9083830
*51481-10-8	See: YD0167000
*51481-61-9	See: MF0035500
51481-65-3	See: XH9170000
51484-40-3	See: AB4549000
51486-54-5	See: TE9625000
51486-55-6	See: TY7000000
51486-56-7	See: TE9275000
51486-57-8	See: TY7525000
51486-74-9	See: TY7700000
51502-30-8	See: YT9025000
51505-28-3	See: NS2065000
51505-30-7	See: NS2060000
51528-03-1	See: BX7900000
*51541-48-1	See: TU5010120
*51542-33-7	See: YR9050000
*51542-56-4	See: LY9526700
*51545-19-8	See: UU4170000
51547-60-5	See: PB9083820
51572-66-8	See: DG5621000
51575-86-1	See: WM6125000
51579-82-9	See: CY1575090
51581-39-6	See: UU2700000
51581-52-3	See: NI4399000
51592-06-4	See: MD1400000
*51593-69-2	See: DJ2220000
*51593-70-5	See: DJ2110000
*51622-02-7	See: OW2450000
51622-32-3	See: AV0700000
*51627-14-6	See: XI0340000
*51630-58-1	See: CY1576350
51632-29-2	See: AM1370000
*51635-88-2	See: WT9096500
51641-29-3	See: YR8936000
51655-72-2	See: RP6788000
*51658-07-2	See: DH6577000
*51658-09-4	See: DH6577010
*51659-94-0	See: UR7434500
51668-16-7	See: CB9376521
51679-85-7	See: RP3325000
51706-69-5	See: UH1759000
*51707-55-2	See: YU1395000
51713-13-4	See: SZ0190000
51713-14-5	See: SZ0185000
51713-15-6	See: SZ0290000
51713-16-7	See: SZ0280000

CAS No.	RTECS No.
51713-17-8	See: SZ0200000
51713-18-9	See: SZ0195000
51713-19-0	See: SZ7670000
51713-20-3	See: SZ7642000
51713-22-5	See: SZ9700000
51713-23-6	See: SZ0180000
51713-27-0	See: SZ0220000
51713-28-1	See: SZ0260000
51713-29-2	See: SZ0250000
51713-30-5	See: SZ0230000
51713-31-6	See: SZ0240000
51713-79-2	See: NX5960000
51713-80-5	See: NX5980000
51713-81-6	See: NX5990000
51725-05-4	See: KJ2621500
*51728-03-1	See: XJ3930000
*51729-66-9	See: KL7366000
*51729-67-0	See: UT5635200
*51729-68-1	See: UT5635300
*51729-69-2	See: UT5635400
*51729-70-5	See: SH0684500
*51729-71-6	See: SG2350000
*51729-72-7	See: SH7890000
51731-71-6	See: MS6210000
*51733-97-2	See: UA7810000
*51734-07-7	See: UB1765900
*51734-13-5	See: UB1110000
*51734-36-2	See: UA7377000
*51734-41-9	See: TM8575500
*51734-48-6	See: UB1120000
*51734-49-7	See: UA7800000
*51734-63-5	See: UB1130000
*51734-64-6	See: UA8596000
*51734-78-2	See: TY4970000
51736-76-6	See: WK1930000
51736-77-7	See: WK1935000
51741-82-3	See: TX1450700
51746-00-0	See: OI2272000
51746-09-9	See: NM7522500
*51746-85-1	See: UT4396500
51749-94-1	See: SZ0210000
51749-95-2	See: SZ0270000
*51753-57-2	See: DE9770000
51757-82-5	See: RB8045000
51757-85-8	See: RB8030000
51757-86-9	See: RB8155000
51759-73-0	See: YT3935000
51761-16-1	See: QL3345000
*51762-05-1	See: XI0335000
51764-33-1	See: LZ4366000
51771-25-6	See: XU1670000
51771-36-9	See: WQ5985000
51773-74-1	See: TX1403000
51773-92-3	See: VC0308000
51775-36-1	See: DT5078000
*51781-21-6	See: VC8282000
*51786-53-9	See: ZF0350000
*51786-98-2	See: DB9060000
*51787-42-9	See: CU4345000
*51787-43-0	See: CU4350000
*51787-44-1	See: CU4315000
51795-04-1	See: YS4955000
51795-05-2	See: YT2815000
51795-47-2	See: WK1977000
51799-29-2	See: TK7906730
51799-30-5	See: TK7906900
51799-31-6	See: TK7906810
51799-32-7	See: SI1120000
51799-33-8	See: SH0675000
51799-57-6	See: TX1406000
51799-58-7	See: TX1470000
*51803-78-2	See: PB0970000
51805-82-4	See: CX8078100
51805-84-6	See: CX8078300
*51808-79-8	See: HM0300000
51810-90-3	See: ZF9850000
*51816-18-3	See: UE3571400
*51822-57-2	See: KK1400000
51829-77-7	See: CX8075200
51829-78-8	See: CX8075400
51829-79-9	See: CX8078000
51846-97-0	See: WK2281000
51846-98-1	See: WK2291000
51850-74-9	See: CM6865000
51860-03-8	See: MV5125000
51864-91-6	See: MP1080000
*51865-79-3	See: MA1224000
51865-95-3	See: HQ1810000
51867-94-8	See: TM7510000
51868-65-6	See: CX8080000
51877-74-8	See: GZ1260000
51888-73-4	See: LK6775000
51893-82-4	See: TB5090000
51909-61-6	See: WK2195000
51912-15-3	See: AY5980000
51920-68-4	See: XH5180000
51920-69-5	See: XH5868000
51920-70-8	See: XH5605000
51920-73-1	See: XH5185000
51920-94-6	See: JO4990000
51922-16-8	See: WK2143000
51923-05-8	See: CB9341000
51923-06-9	See: CB9375300
51923-09-2	See: CB9729000
*51938-12-6	See: EL6140000
51938-13-7	See: UA8550000
*51938-14-8	See: KK0560000
*51938-15-9	See: UC0675000
*51938-16-0	See: EL5740000
51938-50-2	See: WU4760000
*51940-44-4	See: UV1153800
51941-00-5	See: TL9426000
51941-02-7	See: TL7880000
51941-04-9	See: TM0804000
*51956-43-5	See: CH5075000
*51963-27-0	See: TB9105000
51989-44-7	See: TE6488700
51989-45-8	See: TG2197000
*51990-04-6	See: KD8090000
*51990-12-6	See: FY2280000
52009-25-3	See: PB0460000
52012-35-8	See: OC8280850
*52018-88-9	See: NL4660500
*52018-89-0	See: NL3830000
*52018-90-3	See: NL4585000
*52018-91-4	See: NL3792000
*52018-92-5	See: NL3845000
*52019-01-9	See: NL3880000
*52019-02-0	See: NL4706000
*52019-03-1	See: NL4711000
52019-39-3	See: WW2200000
52021-61-1	See: CA9352000
52028-69-0	See: AH3270000
52030-04-3	See: AC7800000
52030-05-4	See: UE4526500
52030-06-5	See: AB5800000
52042-27-0	See: DM3705000
52042-99-6	See: MU4280000
*52048-93-8	See: UA2459100
52049-26-0	See: YS4983000
52057-90-6	See: XI3610000
*52061-60-6	See: MX2500000
52073-09-3	See: AI4952000
52073-11-7	See: AI4960000
52073-13-9	See: AH3660000
52073-15-1	See: AI4950000
52073-17-3	See: AI4958000
52073-22-0	See: GZ5994000
52073-23-1	See: GZ5988000
52073-24-2	See: GZ5978000
52073-25-3	See: GZ5976000
52073-26-4	See: GZ6312000
52073-27-5	See: GZ6310000
52073-28-6	See: GZ6308000
52073-31-1	See: GZ6000000
52079-42-2	See: DE8381000
52080-56-5	See: KH2650000
52081-52-4	See: OM2457600
*52093-21-7	See: WK2180000
52094-63-0	See: MU0980000
52100-92-2	See: UG9411600
52100-93-3	See: UG9410800
52102-44-0	See: YS4726000
52109-23-6	See: JO5060000
*52109-27-0	See: WH1316830
52109-31-6	See: WH1317600
52110-55-1	See: QG1120000
*52112-09-1	See: WH6734000
52112-66-0	See: DM4530000
52112-67-1	See: DM4600000
52112-68-2	See: DM4560000
52125-53-8	See: TZ0640000
*52129-71-2	See: AM8470000
52130-26-4	See: MU0550000
52130-27-5	See: MU2455000
52130-28-6	See: MT8900000
52130-29-7	See: MU2490000
52130-31-1	See: MU0665000
52130-33-3	See: MU0740000
52134-32-4	See: DO3325000
52137-03-8	See: TQ4200000
*52143-28-9	See: XZ5470600
52146-62-0	See: RN8932000
52152-93-9	See: UU1785000
52161-14-5	See: VO2150000
52171-35-4	See: DF6838000
52171-37-6	See: DF6685000
52171-38-7	See: DF6658000
52171-39-8	See: DF6706000
52171-40-1	See: DF6835000
52171-41-2	See: DF6676000
52171-42-3	See: DF6832000
*52171-86-5	See: TN4623000
*52171-87-6	See: TN4625000
*52171-88-7	See: TN4621000
*52171-89-8	See: TN4718000
*52171-90-1	See: TN4721500
*52171-91-2	See: TN4721000
*52171-92-3	See: GC0895000
*52171-93-4	See: GC0800000
*52171-94-5	See: GC1100000
*52172-18-6	See: SO9350000
52175-10-7	See: AU6800000
52182-02-2	See: LZ1050000
52190-18-8	See: AE4284000
*52195-07-0	See: CC2853000
52198-87-5	See: EC5991560
*52205-54-6	See: FD8930000
*52205-55-7	See: FD8927700
*52205-61-5	See: FD9781830
*52205-62-6	See: FD9778400
*52205-63-7	See: FD9748000
*52205-64-8	See: FD8960000
*52205-65-9	See: FD8950000
*52205-66-0	See: FD7641000
*52205-73-9	See: KG7350000
*52206-27-6	See: DJ3176000
*52206-28-7	See: DJ3175500
*52206-29-8	See: DJ3177500
*52206-30-1	See: DJ3176500
*52206-31-2	See: DJ3177000
*52207-83-7	See: MU7880000
52208-11-4	See: UM4580000
52212-91-6	See: TX1404000
52214-84-3	See: UF0880000
*52217-47-7	See: YR6825000
52218-58-3	See: CB9358000
52219-07-5	See: OL5989850
*52224-29-0	See: FD9740500
*52224-30-3	See: FD8940000
52229-10-4	See: CB9650100
52229-53-5	See: LY0890000
52229-90-0	See: NY5290000
52231-39-7	See: NX5970000
*52232-02-7	See: GE5963400
52235-18-4	See: UY1348300
*52236-34-7	See: GV8980000
52238-41-2	See: WR7901500
52241-19-7	See: TP2492000
*52241-27-7	See: TP2486000
*52259-61-7	See: RA6479200
52260-82-9	See: TP2483000
*52263-47-5	See: FE3170000
*52269-75-7	See: TP2268000
52273-49-1	See: VH2625000
52275-05-5	See: WK2299500
*52279-59-1	See: BQ3644000
*52293-23-9	See: UV9707500
52303-77-2	See: BS7370000
*52305-84-7	See: TP2267000
52305-85-8	See: TP2275600
*52315-07-8	See: GZ1250000
*52316-55-9	See: EY8592000
*52320-85-1	See: MA0957000
52320-89-5	See: GU6500000
52321-51-4	See: DL7001000
52321-54-7	See: DL6050000
52321-65-0	See: DL0978000
52322-22-2	See: EL3100000
*52326-66-6	See: SD9870000
*52329-60-9	See: PC4932000
52333-49-0	See: RQ5833170
52333-73-0	See: RQ5833150
52333-94-5	See: RQ5833175
52333-97-8	See: DI4910000
52334-40-4	See: DI4905000
*52335-39-4	See: QD1650000
*52336-92-2	See: TN8988000
*52338-90-6	See: HD9000000
*52340-46-2	See: TY4202000
*52340-48-4	See: UX9639300
52341-30-7	See: GZ1251700
52341-31-8	See: GZ1251600
52351-07-2	See: TP2278000
*52351-96-9	See: DJ6900000
52357-62-7	See: CE5700000
52357-69-4	See: RM9870000
52368-39-5	See: QM0650000
52370-28-2	See: KD1833000
52370-29-3	See: KD1889000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
52370-30-6	See: KD1840000
52370-31-7	See: KD1793000
52370-32-8	See: KD1763000
52370-33-9	See: KD1823000
52371-25-2	See: KJ5000000
52371-28-5	See: QK1460000
52371-31-0	See: QM5365000
52371-32-1	See: QM5370000
52371-37-6	See: QM5355000
52371-38-7	See: QM5360000
52371-39-8	See: QM5216000
52371-46-7	See: QL5980000
52371-51-4	See: QK7020000
52371-55-8	See: QL2320000
52378-03-7	See: WH1226000
*52386-94-4	See: MR8161000
52391-89-6	See: DF2370300
52395-35-4	See: UQ8560000
52405-73-9	See: VN7460000
52413-48-6	See: PB1970000
52416-14-5	See: XY1420000
*52416-18-9	See: AM8463000
*52419-67-7	See: WH1320500
*52419-69-9	See: WH1321600
*52419-70-2	See: WH1321000
*52419-71-3	See: WH1320700
*52419-72-4	See: WH1321800
*52419-76-8	See: WH1320100
*52419-77-9	See: WH1321200
52434-48-7	See: CB2545000
*52435-06-0	See: OK6420000
52437-59-9	See: KD1809000
52439-87-9	See: CL5000000
52440-53-6	See: QC5480000
52440-54-7	See: QC5482000
52444-01-6	See: WQ1100000
52448-99-4	See: UB9600000
*52449-60-8	See: DV8380000
52454-09-8	See: QL6000000
52454-12-3	See: KD1780000
*52463-83-9	See: DF2375000
52467-33-1	See: WH1246000
52467-35-3	See: WH1242000
52467-37-5	See: WH1252000
52479-64-8	See: GE1467700
52479-65-9	See: CB3400000
52485-71-9	See: PB9080800
52485-79-7	See: KM7757000
*52488-15-0	See: WH1320900
*52501-97-0	See: WH1321400
*52508-35-7	See: MQ3570000
52516-30-0	See: SI2525000
52535-35-0	See: ES0825000
52535-36-1	See: GW0600000
*52549-17-4	See: DJ3100950
*52551-67-4	See: SJ7787000
52578-56-0	See: WQ1680000
52581-71-2	See: TR4700000
52582-75-9	See: AU4930000
52582-76-0	See: AU4900000
52582-77-1	See: AU4870000
52582-78-2	See: AU4885000
52582-79-3	See: AU4632000
52582-80-6	See: AU4450000
52582-81-7	See: AU4945100
52582-82-8	See: AU4915000
52582-84-0	See: AU4740000
52582-85-1	See: AU4570000
52582-86-2	See: AU4560000
52582-98-6	See: AU4490000
52582-99-7	See: AU4765000
52583-00-3	See: AU4590000
52583-02-5	See: AU4430000
52583-03-6	See: AU4850000
52583-04-7	See: AU4628000
52583-06-9	See: AU4508000
52589-12-5	See: FH4925000
*52606-04-9	See: UV8202300
*52606-05-0	See: UV8192600
52616-25-8	See: DG7400000
52616-26-9	See: MB8450000
*52616-27-0	See: AY3300000
52616-29-2	See: SQ7330000
52616-30-5	See: YP2300000
*52623-84-4	See: FO0555000
*52623-88-8	See: OP0480000
*52645-53-1	See: GZ1255000
*52659-57-1	See: CD8870000
*52663-81-7	See: CZ9001000
52664-16-1	See: TN6829800
52664-17-2	See: TN6958500
52664-18-3	See: TN6956000
*52665-69-7	See: DM4676000
*52665-75-5	See: CV2309000
52670-52-7	See: PB9264000
52670-65-2	See: PB9266000
*52671-42-8	See: DA6490000
52673-65-1	See: AU4425000
52673-66-2	See: AU4428000
*52691-24-4	See: TP2275974
*52694-54-9	See: TL3486610
52703-69-2	See: TM3699950
52711-74-7	See: AG6580000
*52717-89-2	See: HA5300200
52723-06-5	See: CB6900000
52723-07-6	See: CB6550000
52723-08-7	See: CB7895000
52723-11-2	See: CA9690000
52723-12-3	See: CA9665000
52723-13-4	See: CB0620000
52723-19-0	See: CB0600000
52723-84-9	See: AB5793000
52736-58-0	See: TM6515000
52739-88-5	See: JO1640000
52739-92-1	See: JO1980000
*52740-16-6	See: CH9493100
52740-45-1	See: WH1280000
52740-47-3	See: WH1296100
52740-51-9	See: WH1297200
52740-55-3	See: WH1294000
*52740-56-4	See: SH8125000
52742-18-4	See: SH0677500
52756-25-9	See: UE8900000
52760-38-0	See: WK2400000
52760-39-1	See: TM3720000
*52769-67-2	See: OC3475000
*52775-76-5	See: RN8970000
*52775-77-6	See: GY7280000
52777-39-6	See: AU5000000
52777-74-9	See: SI1125000
*52787-33-4	See: CY1575178
52794-97-5	See: NZ7205000
52810-78-3	See: TT8170000
*52814-92-3	See: OB4571040
52819-14-4	See: XM8650000
52819-96-2	See: GY1800000
52819-97-3	See: AB6093000
52819-98-4	See: AB6091000
*52820-00-5	See: GZ1240000
*52831-71-7	See: DF2368520
52839-04-0	See: DG0620000
52841-43-7	See: UM4725000
52844-20-9	See: EM4260000
52855-10-4	See: KN4025000
52868-75-4	See: OP2600000
52868-76-5	See: OP2990000
52868-77-6	See: OP2980000
52868-78-7	See: OP2300000
52868-79-8	See: OP2290000
*52869-91-7	See: BD0345000
*52869-93-9	See: CQ8580000
52871-23-5	See: DL9837000
52888-42-3	See: AN0533000
52900-90-0	See: EK2870000
52904-48-0	See: CL5448870
52904-49-1	See: CL5448850
52904-53-7	See: CL5448800
52911-34-9	See: SZ0175800
52914-23-5	See: SG8455000
*52918-63-5	See: GZ1233000
*52934-70-0	See: CB9754270
52934-72-2	See: CB9754430
52934-81-3	See: CB9630100
52934-83-5	See: QL6127000
52934-84-6	See: ED9150000
*52934-85-7	See: QL6126000
*52943-51-8	See: XH6375000
*52943-52-9	See: XH5650000
*52943-53-0	See: XH5157500
*52943-54-1	See: XH5134600
*52943-56-3	See: XH5133000
*52943-57-4	See: XH5134000
*52943-58-5	See: XH5132000
*52943-59-6	See: XH5134500
*52943-60-9	See: XH5107400
52944-65-7	See: CQ7200000
52944-67-9	See: CQ7173000
52955-41-6	See: QH3284000
52963-47-0	See: UX9648900
52963-48-1	See: UX9648850
52963-49-2	See: UX9648750
52963-50-5	See: UX9648800
52963-60-7	See: NJ2700000
52963-61-8	See: NJ2550000
52963-62-9	See: UW0220000
52963-63-0	See: UV9770000
52964-42-8	See: YS3750000
*52968-02-2	See: YT8610000
*52977-61-4	See: VT9630400
52980-66-2	See: MA1225010
*52986-16-0	See: XH5107200
*52986-17-1	See: XH5107600
52995-06-9	See: UU2840000
52995-70-7	See: UU3853000
52995-71-8	See: QF2832000
52995-72-9	See: QF2827000
52995-74-1	See: UU3873000
52995-75-2	See: UU3856000
*53003-10-4	See: VO8620000
*53011-73-7	See: SA0700000
*53014-37-2	See: BY9200000
53024-98-9	See: LE9559000
*53025-21-1	See: RU3680000
53025-37-9	See: ZA1866000
53025-93-7	See: CB9646000
*53026-37-2	See: CB9459550
53033-81-1	See: UH4388600
53033-82-2	See: UH4378000
53033-83-3	See: JY8575000
53036-61-6	See: UW0240000
53039-87-5	See: UQ8450000
*53043-14-4	See: GP3100000
53043-28-0	See: DJ2232000
*53043-29-1	See: RK0177900
*53051-16-4	See: VT9632000
53056-01-2	See: KM7760000
53068-35-2	See: CU5771000
53068-36-3	See: CU5182500
53068-37-4	See: CU5182510
53068-40-9	See: CU7023000
53068-41-0	See: CU5756000
53068-43-2	See: CU5810000
53068-44-3	See: UC6179000
53072-50-7	See: UU2880000
53078-36-7	See: TV0990000
53102-27-5	See: ET1000000
53107-41-8	See: AG6500000
53109-90-3	See: AB7550000
53112-33-7	See: NX4725000
53123-85-6	See: EU8550000
*53123-88-9	See: VE6250000
*53124-23-5	See: QV6450000
*53125-86-3	See: YO7900000
53126-98-0	See: AW0950000
*53130-67-9	See: QJ5776500
53137-07-8	See: DU8240000
53149-40-9	See: UU2925000
*53152-21-9	See: KM7758000
*53164-05-9	See: NL3521400
53168-92-6	See: GM0470000
53183-84-9	See: DU8265000
*53184-19-3	See: SN4910000
*53193-36-5	See: UR0500000
*53198-46-2	See: DP0530000
*53198-87-1	See: TM5650000
53206-72-7	See: GZ5996000
53206-73-8	See: GZ5992000
53206-74-9	See: GZ5990000
53206-75-0	See: GZ5984000
53206-76-1	See: AI4700000
53206-77-2	See: AH3664000
53206-78-3	See: AI4704000
53206-80-7	See: GZ6018000
53206-81-8	See: GZ6306000
53206-82-9	See: GZ6008000
53206-83-0	See: GZ6004000
53206-84-1	See: GZ6302000
53206-85-2	See: GZ6022000
53206-86-3	See: AI4954000
53206-87-4	See: AI4956000
53206-88-5	See: GZ5970000
53206-89-6	See: GZ5972000
53206-90-9	See: GZ5998000
*53206-91-0	See: GZ5980000
53206-92-1	See: GZ5982000
53206-93-2	See: AI4702000
53206-94-3	See: GZ6314000
53207-12-8	See: BO1425000
53207-30-0	See: UH0940000
53207-31-1	See: EU2350000
53207-33-3	See: YV8935000
53207-35-5	See: UH0980000
53207-36-6	See: UG9360000
53207-37-7	See: UH1090000
53207-38-8	See: UH1070000
53207-39-9	See: UG8860000
53207-40-2	See: DN9260000
53207-41-3	See: DO0550000
53207-42-4	See: FG7200000
53207-43-5	See: FG7260000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
53207-45-8	See: VB7900000
53207-47-9	See: VB7920000
53207-48-0	See: VB7910000
53207-49-1	See: VC8340000
53207-50-4	See: VC8300000
53207-51-5	See: VC8360000
53207-52-6	See: VC8420000
53207-53-7	See: VC8320000
53207-54-8	See: VC8400000
53207-55-9	See: VC3200000
53207-56-0	See: VC8265000
53207-57-1	See: VC8380000
53207-73-1	See: TK7810000
53214-38-3	See: SC1230000
53214-41-8	See: SC0886000
53214-44-1	See: DP6760000
53214-57-6	See: DO9500000
53216-90-3	See: ME4200000
*53219-40-2	See: US7977900
*53220-22-7	See: SD9950000
*53220-22-7	See: SD9951000
53221-86-6	See: KI7250000
53221-88-8	See: TZ6180000
53221-90-2	See: EK5810000
53221-97-9	See: KI7230000
53221-98-0	See: AB8920000
53221-99-1	See: TZ6150000
53222-00-7	See: AC7802000
53222-01-8	See: EK5800000
53222-02-9	See: AB4854000
53222-03-0	See: SA2998500
53222-04-1	See: AC7060000
53222-05-2	See: MO4230000
*53222-10-9	See: PB0930000
*53222-12-1	See: PB0911500
53222-14-3	See: PB0490000
*53222-15-4	See: AC6353000
53222-16-5	See: VC3531600
53222-34-7	See: VC3511900
53222-43-8	See: VC3510900
*53224-67-2	See: KG8032000
*53224-68-3	See: BV8515800
*53230-00-5	See: UI3340000
53233-89-9	See: UT2810500
53247-00-0	See: TB3525000
*53251-06-2	See: PB0512095
53251-80-2	See: GZ6304000
53251-81-3	See: GZ6006000
53251-82-4	See: AH3662000
53251-83-5	See: GZ6016000
53251-84-6	See: GZ5986000
53251-85-7	See: GZ6020000
53251-86-8	See: GZ6014000
53251-87-9	See: GZ6002000
*53251-88-0	See: TM7322500
*53251-89-1	See: TK6025200
*53251-90-4	See: TK6025300
*53251-91-5	See: TK6025400
53251-92-6	See: BP7240000
*53251-94-8	See: QF2810000
53252-10-1	See: OB6408000
53286-05-8	See: UV9727000
*53290-01-0	See: KG8036000
53296-30-3	See: OP4099000
53297-79-3	See: NJ0626000
53297-81-7	See: NJ0615000
53309-89-0	See: SH6520000
*53310-05-7	See: MR0182050
*53310-17-1	See: MQ9682000
*53310-19-3	See: RI2649000
*53310-21-7	See: MQ9681000
*53310-23-9	See: SC4684000
*53310-25-1	See: MR0182370
*53310-26-2	See: RI2746000
*53310-27-3	See: RI2748000
*53310-28-4	See: GV8849000
*53310-30-8	See: GW0763000
*53310-31-9	See: DP0830000
*53310-33-1	See: TN5950090
53317-25-2	See: HA2820000
*53330-18-0	See: YE1693000
*53330-20-4	See: KR5917500
53330-94-2	See: OB4525000
53335-15-2	See: GZ6010000
53335-18-5	See: GZ5974000
53335-20-9	See: GZ6012000
*53335-22-1	See: TK7827000
*53346-74-0	See: DN9265000
*53346-77-3	See: SK4350000
*53347-04-9	See: SJ5730000
*53347-09-4	See: DG4999500
*53347-11-8	See: SJ6060000
*53347-13-0	See: KK1577000
*53347-16-3	See: SK4330000
*53347-19-6	See: AF8797000
53347-34-5	See: LZ5800000
53347-35-6	See: LZ6000000
53347-36-7	See: LZ5779500
53347-37-8	See: LZ5779600
*53353-55-2	See: TN4365000
53370-44-8	See: QJ5255000
53370-90-4	See: CV5050000
*53384-39-7	See: CH6875000
53387-70-5	See: XY3155000
*53398-80-4	See: MP8645000
*53403-97-7	See: UO8430000
*53404-82-3	See: WH8583550
53409-89-2	See: UA8595000
53411-95-3	See: UG1860000
53412-84-3	See: VA1410000
53412-85-4	See: VA1412000
53415-63-7	See: KL3400000
53421-38-8	See: UF2066000
*53422-49-4	See: KJ7370000
53428-84-5	See: LZ5810000
*53448-69-4	See: WK2301500
53454-43-6	See: DL0300000
53460-67-6	See: UO1370000
53462-66-1	See: UY8690800
53462-68-3	See: UY8691000
53462-69-4	See: UY8690890
53462-71-8	See: UY8690750
53462-73-0	See: UY8690500
53462-74-1	See: UY8690920
53462-75-2	See: UY8690980
53462-76-3	See: UY8690860
53462-77-4	See: UY8690640
53462-78-5	See: UY8690550
53462-79-6	See: UY8690650
53462-80-9	See: UY8690300
53462-81-0	See: UY8690830
53462-82-1	See: UY8690400
53462-83-2	See: TX7395000
53463-05-1	See: UY8690600
53468-06-7	See: GM7927500
*53469-21-9	See: TQ1356000
53477-44-4	See: XY2765000
53478-38-9	See: PB0500000
53491-38-6	See: UY9460000
53491-50-2	See: UU7880000
53494-05-6	See: YQ8795000
53494-12-5	See: YQ9484000
53494-13-6	See: YQ9816000
53494-14-7	See: YQ9486000
53494-15-8	See: YQ9496000
53494-16-9	See: YQ9836000
53494-28-3	See: YQ9864000
53494-30-7	See: YQ9497000
53494-31-8	See: YQ9839000
53499-34-6	See: KR4800000
53499-40-4	See: KR7130000
*53499-68-6	See: AE4950000
53514-41-3	See: YS0525000
53516-81-7	See: DB5040000
53528-94-2	See: XI4835000
53528-97-5	See: XI4836000
53529-45-6	See: LV7020000
53531-87-6	See: RO3550000
53532-20-0	See: DF3800000
53532-37-9	See: PC3640000
53538-75-3	See: PB9025000
*53555-01-4	See: SL0532000
*53555-02-5	See: HP3494000
53555-67-2	See: DJ8297000
*53558-25-1	See: YT9690000
53566-04-4	See: BP7645000
53568-40-4	See: SE9744000
53568-66-4	See: TR0260000
*53568-84-6	See: TU5570270
53569-55-4	See: WW2540000
*53569-62-3	See: FF6480000
*53569-64-5	See: QX2275000
53575-08-9	See: SZ9852000
53581-53-6	See: SH0300000
*53583-79-2	See: BZ3390000
53597-22-1	See: UL1110000
*53597-23-2	See: AA5250100
*53597-24-3	See: AA5250300
*53597-25-4	See: VO9470000
*53597-27-6	See: DG8576200
*53597-29-8	See: BR8475000
53601-22-2	See: NN5950000
53602-61-2	See: MO8386000
*53609-64-6	See: JL9650000
53619-77-5	See: DF8002350
53619-80-0	See: DF8035000
53621-79-7	See: TA0442500
53621-95-7	See: TA0432500
53630-85-6	See: WH1244000
53632-92-1	See: KR9787300
53641-60-4	See: AL7820000
53643-20-2	See: RC9350000
*53643-48-4	See: YY8080000
53643-53-1	See: LQ2995000
53646-01-8	See: UC1425000
53663-14-2	See: DM2800000
53664-42-9	See: CB9375700
53664-43-0	See: CB9376326
*53665-78-4	See: GT8940450
*53678-77-6	See: MA2275260
53680-92-5	See: UY9389000
53681-01-9	See: UY9389500
53681-06-4	See: UY9390000
53681-26-8	See: UY9387700
53681-32-6	See: UY9387000
53681-48-4	See: YQ8815000
*53681-71-3	See: YW7370000
*53681-73-5	See: RS2031300
53681-74-6	See: RK1450000
53681-77-9	See: QA3655000
*53696-74-5	See: DJ2976500
*53697-17-9	See: UK8008000
*53714-56-0	See: OK6700000
53716-43-1	See: TU5020500
*53716-49-7	See: FE3180000
*53716-50-0	See: FD0808000
53725-38-5	See: UY0865000
53725-39-6	See: UY7355000
53725-40-9	See: TM7162000
53725-41-0	See: TN1260000
53725-42-1	See: TN0385000
53725-43-2	See: TM4735000
53725-44-3	See: TM4740000
53725-45-4	See: UT8246000
53725-46-5	See: UT8232000
53725-47-6	See: UT8242000
53725-48-7	See: UT8238000
53725-49-8	See: UT8236000
53725-50-1	See: UT8230000
53725-51-2	See: UT8280000
53725-52-3	See: UT8244000
53725-53-4	See: UT8234000
53725-54-5	See: UT8405000
53725-55-6	See: UT8360000
53725-56-7	See: TM7160000
53726-70-8	See: NI4800000
53727-37-0	See: YQ9295000
53727-38-1	See: YQ9819000
53727-39-2	See: YQ9818000
53727-40-5	See: YQ9482000
53727-42-7	See: YQ9812000
53727-43-8	See: YQ8694000
53734-79-5	See: XX8540000
*53737-95-4	See: LV0910000
53743-19-4	See: MU1950000
*53743-43-4	See: SZ5790000
*53746-45-5	See: CY1678900
53757-28-1	See: XJ5115000
53757-29-2	See: XJ5103000
53757-30-5	See: LQ3153000
53757-31-6	See: LT8550000
53757-84-9	See: NK9457000
53757-90-7	See: CX8079700
*53757-92-9	See: TN0405000
53757-97-4	See: CX8074200
53757-98-5	See: CX8077000
53758-00-2	See: CX8078500
53758-01-3	See: CX8079500
53758-02-4	See: CX8072000
53758-04-6	See: GU3120100
53758-06-8	See: CX8073000
53758-08-0	See: CX8071000
53758-10-4	See: CX8070000
53759-17-4	See: BT0840000
53759-50-5	See: CB9395750
53760-19-3	See: HA5306000
*53760-20-6	See: HA5320000
53761-08-3	See: CQ2385000
53761-09-4	See: CQ2420000
53761-10-7	See: CQ3200000
53762-06-4	See: NK9458000
53762-93-9	See: ZA4825100
53770-27-7	See: HR8130000
53776-71-9	See: WK1940000
*53778-51-1	See: TZ2575000
53778-91-9	See: TN1310000
*53780-34-0	See: AE2460000
*53795-84-9	See: RL9626000
53797-02-7	See: GU3120000
53797-16-3	See: WK2280000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*53797-18-5	See: CB0533400
*53797-35-6	See: WK2300000
53799-66-9	See: WQ6170000
53808-87-0	See: UV8190000
53824-20-7	See: KH2334000
*53829-18-8	See: KR3177000
53845-36-6	See: TY7620000
53859-37-3	See: RP5788700
*53860-74-5	See: DF6472500
*53866-33-4	See: KG6814500
53868-72-7	See: QE6240000
53873-58-8	See: HO0700000
*53885-35-1	See: XJ9[illegible]9100
53886-93-4	See: DF8002300
53890-73-6	See: DH2870000
*53902-12-8	See: DG8731000
53908-27-3	See: JT7525000
*53910-25-1	See: NI2931000
53915-36-9	See: LX0735000
53924-08-6	See: NL5998500
*53924-09-7	See: NL5999100
*53924-10-0	See: NL5999200
53924-11-1	See: NL6012000
*53924-12-2	See: NL5999300
53924-13-3	See: NL3360000
53924-14-4	See: NL3522900
53924-15-5	See: NL3550000
53924-17-7	See: NM1477000
53924-18-8	See: NL3668000
53924-19-9	See: NL3527000
53924-22-4	See: NL3667800
53924-31-5	See: NM1477200
53924-34-8	See: NL3662000
53924-41-7	See: NL5998200
53924-42-8	See: YN6200000
53924-43-9	See: DE8387310
53924-44-0	See: DE8048510
53924-72-4	See: DE8048500
53924-76-8	See: DE8048650
53924-78-0	See: DE8387000
53924-79-1	See: DE8384300
53951-94-3	See: QE1050000
53955-25-2	See: DE8387300
53956-04-0	See: LZ6500000
53962-20-2	See: LZ5901000
53969-01-0	See: WG9690000
*53988-61-7	See: CB9713000
53988-66-2	See: NG8842000
53994-73-3	See: XI0363000
*53996-41-1	See: UY0914000
54003-27-9	See: WK5750000
54004-89-6	See: CB9392600
54010-21-8	See: XI3675000
54013-55-7	See: RQ2153000
54022-49-0	See: LR2962000
54022-63-8	See: OB1840000
54022-65-0	See: OB1850000
54022-68-3	See: OB1890000
54022-69-4	See: OB1895000
54022-72-9	See: OB1880000
54023-73-3	See: GU5425500
*54024-22-5	See: JF7975000
54028-81-8	See: XZ5473550
54028-85-2	See: XZ5473560
54028-86-3	See: XZ5473510
54028-89-6	See: XZ5473540
54028-90-9	See: XZ5473520
54028-91-0	See: XZ5473590
54028-93-2	See: XZ5473580
54028-94-3	See: XZ5473600
54028-95-4	See: XZ5473570
*54048-10-1	See: JF8290000
54057-51-1	See: DH9400000
54063-28-4	See: MC0870000
54063-38-6	See: TL1405000
54063-54-6	See: XH5098950
*54083-22-6	See: DG3345000
54087-38-6	See: AE5265000
54087-41-1	See: AE4325000
54087-44-4	See: AE4925000
54087-47-7	See: AE2350000
54087-51-3	See: AE1974000
54097-74-4	See: RG5100000
*54150-69-5	See: BX4575000
*54156-67-1	See: DG8558000
54187-19-8	See: GZ3015000
54191-80-9	See: AC8980000
*54193-28-1	See: QI9310050
54196-90-6	See: AG6520000
54197-01-2	See: AG6560000
54197-05-6	See: AG5160000
54220-95-0	See: ZE9785000
54231-54-8	See: NS0960000
54231-55-9	See: NS0930000
54231-56-0	See: NR9850000
54231-60-5	See: QS4470000
54237-74-0	See: AN7510000
54253-31-5	See: VD3596000
54262-19-0	See: MC5400000
54262-20-3	See: MC5650000
54262-83-8	See: TY3162000
*54282-47-2	See: UY2552000
*54301-15-4	See: PB1081000
54306-13-7	See: XU9140000
54313-75-6	See: UT5030000
54321-41-4	See: MJ1227000
*54323-85-2	See: SN5090000
54327-10-5	See: PN3518500
54333-75-4	See: DF4936600
54333-78-7	See: WK2210000
54333-79-8	See: MQ3000000
54333-82-3	See: WK2125000
54335-85-2	See: TL3530000
*54340-60-2	See: CU8702300
54340-62-4	See: KK0207500
54341-02-5	See: TM8800000
54346-87-1	See: DL2050000
*54348-08-2	See: MJ9669400
*54350-48-0	See: RA6620000
*54363-49-4	See: RZ2473000
*54387-29-0	See: TM1775500
54391-91-2	See: GD6270000
54399-89-2	See: ES5075000
*54405-61-7	See: RG8500000
*54410-90-1	See: GW0680000
*54413-15-9	See: DA6270000
54436-95-2	See: HP8075000
54444-97-2	See: GA8680000
54444-98-3	See: GA8635000
54445-00-0	See: GA8695000
54445-01-1	See: GA8650000
54445-02-2	See: GA8530000
54453-03-1	See: AH4280000
*54460-46-7	See: GZ2010000
54479-89-9	See: IG8256300
*54481-45-7	See: BW6825000
54484-90-1	See: XO1603000
*54484-91-2	See: DL9880000
54484-92-3	See: DL9836000
54488-65-2	See: AB4385000
54490-81-2	See: DN8575000
54490-86-7	See: DO4572000
*54504-70-0	See: UE9516500
54521-82-3	See: TM7280000
54521-84-5	See: TM7145000
54521-86-7	See: TM7335000
54521-88-9	See: TM7325000
54521-90-3	See: TM7305000
54521-92-5	See: TM7295000
54521-94-7	See: TM7290000
54521-96-9	See: TM7150000
*54521-98-1	See: TM7336000
54526-94-2	See: QI9450000
*54527-84-3	See: US7972100
54531-17-8	See: NL3677000
*54531-52-1	See: CH9495000
54540-62-4	See: HP8067000
54540-72-6	See: HP8060000
54540-76-0	See: HP8064000
*54548-50-4	See: GO7092000
*54578-46-0	See: KD7895800
54579-17-8	See: KF4650000
54581-92-9	See: TY6743000
54589-57-0	See: XS3660000
*54593-27-0	See: ZD5735000
*54597-56-7	See: QB9270000
54597-62-5	See: TP2509300
54597-63-6	See: TP2509400
*54605-45-7	See: LZ4365000
54616-45-4	See: PA3865000
*54634-49-0	See: UY5694000
54650-03-2	See: CB9376610
54663-47-7	See: KH2770000
*54690-41-4	See: XJ7030100
*54693-46-8	See: SA9105400
*54693-46-8	See: SA9105500
54708-51-9	See: UQ6350000
54708-52-0	See: UQ6320000
54708-68-8	See: UQ6355000
54708-72-4	See: UQ6290000
54708-74-6	See: UQ6300000
54708-75-7	See: UQ6280000
54708-76-8	See: UQ6310000
54711-21-6	See: UQ6250000
54714-50-0	See: CM2500000
*54723-08-9	See: DG5644500
54738-61-3	See: UU6677200
54739-19-4	See: SA8148000
54744-70-6	See: AB4548000
54749-86-9	See: UQ8250000
*54749-90-5	See: LZ5758000
*54750-04-8	See: RB5916300
*54750-10-6	See: DO2300100
*54756-49-9	See: SL3500450
*54756-50-2	See: SL3500420
*54756-51-3	See: SL3500480
*54756-53-5	See: YE1790000
*54756-54-6	See: UY1038000
*54756-55-7	See: YE1780000
*54767-43-0	See: DA4732200
*54767-45-2	See: DA4980200
*54767-49-6	See: DA4732400
*54767-50-9	See: DA4980350
*54767-51-0	See: DA4732100
*54767-53-2	See: DA4740000
*54767-55-4	See: DA4733400
*54767-56-5	See: DA4980400
*54767-57-6	See: DA4733300
*54767-58-7	See: DA4795950
*54767-60-1	See: DA4979000
*54767-63-4	See: DA4732300
*54767-65-6	See: DA4796200
*54767-66-7	See: DA4796100
*54767-75-8	See: DO8910000
54774-45-7	See: GZ1257000
*54774-51-5	See: UY8420200
*54778-70-0	See: NK5775100
*54779-53-2	See: UU8816000
54782-55-7	See: PB9083900
*54784-44-0	See: OK6600000
54785-33-0	See: DM4840000
54785-35-2	See: DM4815000
54785-37-4	See: DM4490000
54785-40-9	See: DM4433000
*54789-97-8	See: DA4795900
54797-22-7	See: HM2968200
*54800-65-6	See: UY8420000
54805-59-3	See: EY8280000
54805-65-1	See: EY8270000
54809-43-7	See: PB9088000
*54818-88-1	See: AB6200000
54818-95-0	See: CV4290000
*54821-85-1	See: DA4978000
*54824-17-8	See: DE4093000
54824-76-9	See: YJ8990000
*54827-17-7	See: DV2300000
54830-49-8	See: WK2284700
*54831-24-2	See: YC9960000
54835-81-3	See: AU7485000
54856-23-4	See: UT2970200
54862-25-8	See: DE3175000
54862-29-2	See: DE3199100
54862-33-8	See: DE3172000
54862-34-9	See: DE3172100
54870-28-9	See: DG5090000
*54872-77-4	See: AY6042000
*54889-82-6	See: CX3050000
54895-19-1	See: FA4800000
*54897-62-0	See: EL3870000
*54897-63-1	See: ET1680000
*54903-17-2	See: DM5271810
*54903-18-3	See: DM5272600
*54903-19-4	See: DM5272500
*54903-20-7	See: DM5272400
54903-61-6	See: DM4915000
54915-14-9	See: DE4060000
54915-17-2	See: DE4080000
54915-20-7	See: KJ4580000
54915-21-8	See: KJ4600000
54915-22-9	See: KJ4590000
54915-23-0	See: KJ4560000
54915-24-1	See: KJ4570000
54915-49-0	See: DE4050000
54915-50-3	See: KJ4610000
54915-62-7	See: LT9100000
54915-68-3	See: VB2000000
54921-48-1	See: QF3330000
54921-49-2	See: TN5951600
54921-50-5	See: UY4551500
*54940-95-3	See: SQ7330400
54941-75-2	See: DJ0400000
54948-22-0	See: SY9660000
54948-25-3	See: SY9680000
54948-27-5	See: SY9300000
54948-28-6	See: SY9340[illegible]0
54951-16-5	See: CX[illegible]4000
54951-26-7	See: CX7264000
54951-27-8	See: CX7266000
54951-28-9	See: CX7260000
54951-29-0	See: CX7262000

CAS No.	RTECS No.
54951-30-3	See: CX7256000
54951-31-4	See: CX7258000
54951-32-5	See: CX7252000
54951-33-6	See: CX7208000
54951-34-7	See: CX7202000
54951-35-8	See: CX7204000
54951-41-6	See: TM2653000
54952-43-1	See: QL8000000
54954-61-9	See: RO5425000
54955-29-2	See: XU2010000
54957-39-0	See: HP8150000
54963-84-7	See: QL8140000
*54965-21-8	See: FD1100000
*54965-24-1	See: KH2387000
54969-07-2	See: DE8041000
54969-09-4	See: DE8040000
54969-10-7	See: DE8045000
54969-12-9	See: DE8044000
54969-17-4	See: DE8048000
*54971-35-6	See: NW6669000
*54971-36-7	See: NW6668000
54981-15-6	See: RO0408000
54981-16-7	See: RO0410000
54981-17-8	See: RO0406000
54981-18-9	See: RO0412000
54981-19-0	See: RO0400000
54981-20-3	See: RO0402000
54981-21-4	See: RO0404000
*54982-83-1	See: JG7524500
54991-06-9	See: EJ1980000
54999-14-3	See: HM4090000
55025-15-5	See: DE8043000
*55028-70-1	See: UK7895000
*55028-71-2	See: MJ9670000
*55042-54-1	See: QE3475000
*55042-55-2	See: DA0281700
55066-58-5	See: DD3160000
55066-59-6	See: DD2810000
55066-60-9	See: DD4602000
*55077-30-0	See: KH2570000
*55080-20-1	See: AF1660000
55081-70-4	See: KG7405000
*55090-44-3	See: JR6900000
55098-33-4	See: DR9625000
55112-89-5	See: EO3410000
*55117-80-1	See: TL3000500
*55118-19-9	See: QK4420000
55123-66-5	See: YV4205100
*55126-27-7	See: AX8700000
55128-22-8	See: CB9459750
*55134-13-9	See: VO8640000
55142-77-3	See: NL5995000
*55143-11-8	See: TY6055000
55152-80-2	See: LQ4566000
55154-72-8	See: AR7515000
*55158-44-6	See: GL5840000
55165-28-1	See: LV0980000
55165-33-8	See: LV1000000
55165-34-9	See: LV1060000
55165-35-0	See: LV1070000
55165-36-1	See: LV1010000
55165-37-2	See: LV1085000
55187-55-8	See: CB9376680
55187-56-9	See: CB9394250
55187-58-1	See: CB9636600
55206-14-9	See: NL7859000
55206-17-2	See: NL7871000
55207-49-3	See: NK7985000
*55216-04-1	See: WH6714300
55217-61-3	See: GU1778000
55217-91-9	See: CV5596000
55217-92-0	See: CV5594000
55217-93-1	See: CV5592000
55217-94-2	See: CV2460000
55217-95-3	See: CV5590000
55218-91-2	See: LV1090000
55227-81-1	See: UQ6359300
55227-82-2	See: UQ6356000
55228-17-6	See: UQ6264000
55228-43-8	See: UQ6275000
55228-44-9	See: UQ6270000
55228-45-0	See: UQ6268000
55228-46-1	See: UQ6266000
55228-47-2	See: UQ6262000
55228-52-9	See: UQ6359000
55228-55-2	See: UQ6359400
55228-56-3	See: UQ6358700
55250-68-5	See: CV2430000
55251-07-5	See: MT9192000
55251-14-4	See: MT8370000
55256-53-6	See: LV1760000
55256-58-1	See: LV1738000
55266-64-3	See: UQ6358300
*55268-74-1	See: UQ4150000
*55268-75-2	See: XI0329000
55283-68-6	See: XU6200000
55290-64-7	See: JO5090000
55291-05-9	See: YU1582500
*55294-15-0	See: UR0370000
55297-95-5	See: AG9552000
55297-96-6	See: AG9560000
55300-23-7	See: TL9427500
55300-26-0	See: TM0809000
*55300-29-3	See: TM0806000
55300-32-8	See: TL7765000
55300-34-0	See: TL9620000
55300-35-1	See: TL9860000
55300-41-9	See: TL8625000
55300-43-1	See: TL9870000
55300-46-4	See: TL9299800
55300-49-7	See: TL9426500
*55306-08-6	See: UD3418000
*55308-37-7	See: XZ5478600
*55308-57-1	See: XZ5478700
*55308-60-6	See: XZ5478460
*55308-64-0	See: XZ5478800
55311-62-1	See: LQ4000000
*55314-49-3	See: UK8020600
55315-38-3	See: XJ5121000
55315-40-7	See: XJ3950000
55315-42-9	See: XJ5123300
55315-43-0	See: XJ5123330
55315-45-2	See: XJ5095000
55315-47-4	See: XJ5100000
*55324-79-3	See: YY8160000
*55327-77-0	See: AY4460000
*55327-78-1	See: AY4455000
*55327-79-2	See: AY3293000
*55327-80-5	See: AY4463000
*55327-81-6	See: AY3700500
*55327-84-9	See: AY4251400
55330-13-7	See: NL6109000
55330-17-1	See: NL6108700
55330-19-3	See: NL6108400
*55335-06-3	See: AJ9000000
*55340-60-8	See: AC4020000
*55345-04-5	See: LL8040000
55353-19-0	See: TR0250000
*55353-32-7	See: MK3765000
55363-08-1	See: QC6125000
*55365-87-2	See: FD3920350
55366-85-3	See: TM0803000
55371-84-1	See: CV5400000
55372-15-1	See: QE1020000
55372-18-4	See: AH0555000
55372-19-5	See: AH0559000
55372-20-8	See: AB7562000
55372-21-9	See: AB7558000
55372-22-0	See: AB7565000
*55380-34-2	See: TL6210000
*55383-37-4	See: YY8430000
*55398-24-8	See: DH0220000
*55398-25-9	See: DH3890000
*55398-26-0	See: DH0220600
*55398-27-1	See: BY0800000
*55398-86-2	See: KO2450000
*55406-56-9	See: FB1500000
55415-31-1	See: KJ0470000
55424-87-8	See: YR8150000
*55435-65-9	See: AC6148500
55436-33-4	See: TM0852500
55436-34-5	See: TM1650000
55436-35-6	See: TK8010000
55436-36-7	See: TM1250000
55436-37-8	See: TL0250000
55436-38-9	See: TM0857000
55436-39-0	See: TM1410000
55436-40-3	See: TM0859000
55436-42-5	See: TM1610000
55436-43-6	See: TM1590000
55436-44-7	See: TL6220000
55436-45-8	See: TL6230000
55436-46-9	See: TL6800000
55436-60-7	See: TL0180000
55446-27-0	See: GY1932000
55448-20-9	See: OO9163000
55453-87-7	See: HQ4110000
55467-31-7	See: FK4379000
55467-33-9	See: FK4390000
55467-34-0	See: FK4388000
*55469-56-2	See: XJ6278000
*55469-57-3	See: XJ6279000
*55469-58-4	See: XJ6279400
*55469-59-5	See: XJ6279800
*55469-64-2	See: DB2378000
55477-17-3	See: UV8070000
55477-19-5	See: UV8111000
55477-20-8	See: UV7910000
55477-27-5	See: UV8108000
55477-34-4	See: UV6310000
55484-62-3	See: WK2127000
55500-12-4	See: TM1760000
*55509-78-9	See: UF7400000
*55510-04-8	See: NI2938500
55514-14-2	See: DL7080000
55528-52-4	See: WK2123000
55549-35-4	See: SZ5990500
*55556-85-9	See: TN7845000
*55556-86-0	See: UY1010000
*55556-88-2	See: TL6205000
*55556-91-7	See: TN8990000
*55556-92-8	See: UT8408000
*55556-93-9	See: TN7848000
*55556-94-0	See: TL6320000
*55557-00-1	See: HL3950000
*55557-02-3	See: QT2285000
55557-03-4	See: TM3568000
55557-30-7	See: QK1590000
*55566-30-8	See: TA2570000
55576-67-5	See: QO8420000
*55578-68-2	See: TM8807010
*55578-70-6	See: TM8807000
55579-35-6	See: MT9190000
55584-57-1	See: LJ8060000
*55593-14-1	See: MT0250000
55598-63-5	See: OJ9291500
55599-20-7	See: EX4320000
55599-23-0	See: EX4350000
55599-24-1	See: EX4330000
55599-68-3	See: CB9376435
55599-74-1	See: LW5965000
55618-66-1	See: TN4441000
*55618-67-2	See: TN4438000
*55618-68-3	See: TN4445000
*55618-69-4	See: TN4436000
*55618-70-7	See: TN4444000
*55618-71-8	See: TN4440000
*55618-72-9	See: TN4439000
*55618-73-0	See: TN4443000
*55618-74-1	See: TN4442000
*55618-75-2	See: TN4437000
55620-18-3	See: GD7875000
*55620-96-7	See: QK0302100
*55620-97-8	See: QK0302200
*55620-98-9	See: EL8565500
55621-29-9	See: EL1230000
*55626-95-4	See: RA6479000
55648-36-7	See: RC8950000
55651-94-0	See: WK2129000
*55661-38-6	See: YR8450000
55667-39-5	See: GZ1265000
55684-92-9	See: KO0780000
55688-37-4	See: DO8400000
55688-38-5	See: DO6550000
55689-65-1	See: HQ4120000
55689-71-9	See: HQ4080000
55690-07-8	See: UT5015000
55690-12-5	See: UT5015010
55690-13-6	See: UT5025000
55690-47-6	See: HQ4100000
55700-97-5	See: GZ1266000
55707-68-1	See: CV5584000
55707-69-2	See: CV5585000
55707-70-5	See: CV5582000
55707-74-9	See: CV5586000
55707-75-0	See: CV5583000
*55709-93-8	See: DM3150000
55715-66-7	See: WK2128000
55715-67-8	See: WK1970700
*55719-85-2	See: EM9255000
*55720-99-5	See: KO0875000
55726-41-5	See: HA5445000
55726-42-6	See: HA5470000
55726-43-7	See: HA5520000
55726-44-8	See: HA5580000
55726-45-9	See: HA5560000
*55726-47-1	See: JR1230400
*55729-37-8	See: ZF9410000
*55729-39-0	See: ZF9400000
*55738-54-0	See: RO0800000
*55739-78-1	See: PC0510000
55743-40-3	See: WR7220000
55743-41-4	See: XN6322000
55743-45-8	See: WR7240000
*55747-72-3	See: NL8509000
55749-30-9	See: AH1850000
55750-05-5	See: VD3643000
55750-39-5	See: LZ6390000
55762-77-1	See: CB9362370
*55764-18-6	See: RP5775000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*55769-64-7	See: DI0500000
55774-30-6	See: YR0452000
*55779-06-1	See: NM7521490
*55790-22-2	See: MR8161500
55790-39-1	See: TZ7610000
55791-88-3	See: UE5097000
55791-89-4	See: YV6032200
55791-90-7	See: MN8425000
55791-91-8	See: ES5242500
55791-94-1	See: YV6015000
55791-95-2	See: MN8450000
55791-96-3	See: GQ2490000
*55792-21-7	See: FB1440000
55798-63-5	See: DD3170000
55798-64-6	See: DD3172000
55809-92-2	See: TI5640000
55814-02-3	See: TJ7690000
*55814-41-0	See: CV5581700
*55818-96-7	See: TA2445000
55819-72-2	See: MV9450000
*55819-78-8	See: DH3350000
55826-88-5	See: LZ6400000
*55832-00-3	See: YR8447000
*55832-01-4	See: YR8[illegible]5000
*55832-03-6	See: YR8447500
*55836-73-2	See: RP5788675
*55837-18-8	See: ET5030000
*55837-27-9	See: DG3102000
*55837-29-1	See: DA8325600
55840-10-3	See: PY2670000
55840-16-9	See: QR4420000
55841-58-2	See: NX5135000
55843-86-2	See: UF4892000
*55852-84-1	See: CP0749000
55854-53-0	See: OB1860000
55869-01-7	See: TA0980000
55870-64-9	See: NM7524000
55875-51-9	See: SH4937900
55875-52-0	See: SH6525000
55875-53-1	See: SH1060000
55875-54-2	See: SH2190000
55875-55-3	See: SH4937000
55875-56-4	See: SH0560000
55875-57-5	See: VB8300000
55875-58-6	See: SH0540000
55875-59-7	See: SH4937700
55875-60-0	See: SH4938100
55875-61-1	See: SH6812500
55875-62-2	See: SH2280000
55875-63-3	See: SH2180000
55875-64-4	See: SH1055000
55894-18-3	See: TA1842250
*55898-33-4	See: OL5800000
*55901-27-4	See: DG0893000
*55901-28-5	See: DG0928000
*55901-30-9	See: DG0905000
55901-69-4	See: AG9335000
*55901-70-7	See: AG6642000
*55901-72-9	See: AG6542000
55901-78-5	See: AG9370000
55901-79-6	See: AG9400000
55902-02-8	See: UR5610000
55902-03-9	See: UR5630000
55902-04-0	See: UR5290000
55902-05-1	See: UR5310000
55902-06-2	See: UR5510000
55902-07-3	See: UR5370000
55902-08-4	See: UR5530000
*55902-09-5	See: UR5620000
55902-10-8	See: UR5330000
55902-12-0	See: UR5470000
55902-13-1	See: UR5490000
55902-15-3	See: UR5430000
55902-17-5	See: UR5350000
55902-24-4	See: UR5540000
55902-26-6	See: UR5270000
55902-28-8	See: UR5450000
55902-29-9	See: UR5410000
55905-93-6	See: TL9650000
55905-94-7	See: TL9427000
55921-66-9	See: UV6330000
55921-67-0	See: UV6700000
55921-68-1	See: UV8135000
55921-70-5	See: UV8105000
55921-71-6	See: UV8128000
55921-72-7	See: UV9320000
55924-40-8	See: VT6310000
*55936-76-0	See: DH3870000
*55936-77-1	See: NC2990000
*55939-60-1	See: OV8100000
*55947-96-1	See: WU5800000
55963-77-4	See: TR7520000
55981-23-2	See: RN6802000
55982-45-1	See: XK8660000
*56001-43-5	See: JR4980000
*56011-02-0	See: DA5426000
56037-73-1	See: MA4050000
*56049-89-9	See: AH0306000
*56073-07-5	See: GN4934500
*56080-89-8	See: TN4715000
56092-18-3	See: SY2580000
*56092-63-8	See: YX9840000
56092-81-0	See: NO0600000
56092-82-1	See: NO0650000
*56092-85-4	See: CB9632000
56093-47-1	See: QO2897500
56093-48-2	See: QO6793000
56095-17-1	See: HA6500000
*56105-46-5	See: HD3511000
56107-02-9	See: DJ0425000
*56124-62-0	See: AV9850000
56126-13-7	See: LZ5860000
56126-14-8	See: LZ5880000
56126-57-9	See: CB9392800
56126-59-1	See: CB9362077
56126-61-5	See: GO5090000
56141-00-5	See: DG7507000
56144-22-0	See: HA5306500
*56145-46-1	See: TN4719000
*56167-07-8	See: KL8230000
*56167-08-9	See: KL7374000
*56167-09-0	See: KL8540000
*56167-10-3	See: KL8530000
*56167-11-4	See: KL9920000
*56167-12-5	See: KL8231000
*56167-13-6	See: KL7372000
*56167-14-7	See: KL7373000
*56172-46-4	See: RG5925500
*56179-83-0	See: SF7325100
*56183-20-1	See: CW9275000
56190-05-7	See: LZ5870000
*56208-01-6	See: TM2648000
56208-24-3	See: GU6525000
56209-69-9	See: RP6620000
56217-89-1	See: TK7906850
56217-90-4	See: TK7906800
56220-75-8	See: RP6610000
56220-76-9	See: RP6580000
56220-77-0	See: RP6530000
56220-78-1	See: RP6590000
56220-79-2	See: RP6520000
56220-80-5	See: RP6570000
56220-81-6	See: RP6540000
56220-82-7	See: RP6600000
56220-83-8	See: RP6550000
56220-85-0	See: RP6730000
56220-86-1	See: RP6510000
56220-87-2	See: RP6695000
56220-89-4	See: RP6700000
56220-90-7	See: RP6680000
56220-91-8	See: RP6630000
56220-92-9	See: RP6660000
56220-93-0	See: RP6690000
*56221-98-8	See: EM9254800
*56222-35-6	See: UY5709600
56223-58-6	See: EV6575000
56231-55-1	See: CL5615500
56231-64-2	See: CL5628000
56231-77-7	See: CL5627000
56231-98-2	See: CL5608000
56232-03-2	See: CL5627500
56232-04-3	See: CL5602000
56232-05-4	See: CL5611000
56232-06-5	See: CL5616000
56232-07-6	See: CL5614500
56232-08-7	See: CL5612500
56232-09-8	See: CL5612000
*56235-95-1	See: NC3535000
56238-63-2	See: XI0330000
*56239-24-8	See: YS4983500
56240-91-6	See: TP3960000
56240-92-7	See: TP4513000
56240-93-8	See: TP4519000
*56254-47-8	See: UY5769100
56255-33-5	See: RP6560000
56257-16-0	See: CX4900700
56257-59-1	See: BC9625300
56258-32-3	See: BC9625200
56266-58-1	See: AD9296000
56266-61-6	See: AD9634000
56267-87-9	See: OG6200000
56274-05-6	See: OE8588000
56275-32-2	See: VN3096000
*56275-41-3	See: PA8260000
56281-34-6	See: ET6350000
56283-64-8	See: OP9478700
56283-72-8	See: VS1750000
*56283-74-0	See: QA5960000
*56287-74-2	See: VA2350000
56288-29-0	See: AD9310500
56296-78-7	See: UI4050000
*56299-00-4	See: WH1316970
56316-35-9	See: WH1322800
56316-37-1	See: ET5953600
*56320-22-0	See: CG2637000
*56323-90-1	See: TR1581100
56343-76-1	See: DW1940000
*56343-98-7	See: US6400000
56353-91-4	See: DE3174000
56353-92-5	See: DK1452100
56353-93-6	See: DK1452200
56353-94-7	See: DK1452300
56353-95-8	See: DK1452310
56353-96-9	See: DK1452500
56353-97-0	See: DK1452600
56353-99-2	See: DK1452000
*56366-74-6	See: SA0243000
56368-47-9	See: QD8300000
*56375-33-8	See: EO5730000
56377-79-8	See: RD2685000
56383-73-4	See: CQ7069700
56390-16-0	See: EL8600000
56391-56-1	See: WK2285000
*56391-57-2	See: WK2286000
56392-80-4	See: MA4026500
56392-81-5	See: LZ9512200
56393-05-6	See: UR6488700
56393-06-7	See: UR6516200
56393-07-8	See: UR7478300
56393-08-9	See: UR6320000
56393-09-0	See: UR6496000
56393-10-3	See: UR6517500
56393-11-4	See: UR6505000
56393-12-5	See: UR6517300
56393-13-6	See: UR7478000
56393-14-7	See: UR6652000
56393-22-7	See: UR6040000
56393-23-8	See: UR6496500
56406-50-9	See: CV6295000
56409-09-7	See: MO1286000
56410-95-8	See: CQ7500000
56411-51-9	See: VJ5586700
*56420-45-2	See: QI9295840
56427-43-1	See: HQ4090000
*56430-99-0	See: DC8525000
56436-29-4	See: XZ3850500
56448-19-2	See: XH8213000
56448-20-5	See: EK0115000
56452-34-7	See: CB9376480
56461-33-7	See: NK4502000
56461-34-8	See: NK4800000
*56462-06-7	See: YR8444500
*56462-17-0	See: YR8442000
*56463-61-7	See: KM5508600
*56463-62-8	See: KM5508300
*56463-70-8	See: KM5508550
*56463-73-1	See: KM5507100
*56463-76-4	See: KM5508500
*56464-19-8	See: KM5507500
*56464-20-1	See: KM5507600
56469-01-3	See: TZ1143000
*56470-64-5	See: RC9053000
*56476-51-8	See: TX8032000
*56484-47-0	See: DJ6310200
56488-59-6	See: DG4927000
56490-93-8	See: SH5640000
56495-82-0	See: GU5309000
56509-88-7	See: ZA4927000
56509-89-8	See: YY4100000
56509-91-2	See: CB9753000
*56525-09-8	See: XY5850560
56527-62-9	See: XJ5105000
56527-64-1	See: XJ5120500
56527-65-2	See: XJ3700000
*56537-91-8	See: SJ7781100
*56537-95-2	See: DP1574500
*56538-00-2	See: SK4340000
*56538-01-3	See: DP2950000
*56538-02-4	See: DP2700000
*56548-51-7	See: YE0450000
56572-80-6	See: OL9310000
*56573-85-4	See: XQ4150000
56581-45-4	See: YJ9010000
*56583-56-3	See: VC3656000
56592-30-4	See: CB9392700
*56592-32-6	See: QA2807000
56604-80-9	See: GD7440000
56604-81-0	See: GD7231600
56604-88-7	See: GD7218000
56604-91-2	See: GD6900000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
56604-92-3	See: GD7330000
56604-93-4	See: GD7420000
56604-94-5	See: GD7450000
56604-95-6	See: GD7280000
56604-96-7	See: GD7320000
56604-97-8	See: GD7100000
56604-98-9	See: GD7240000
56605-02-8	See: GD7220000
56605-05-1	See: GD6920000
56605-06-2	See: GD7340000
56605-07-3	See: GD7430000
*56605-16-4	See: HM2508000
56606-38-3	See: UY9400000
*56609-43-9	See: TL1286300
*56609-44-0	See: TL1286350
*56611-65-5	See: TH8849440
56614-75-6	See: XJ5425600
*56614-97-2	See: CW4590000
*56617-66-4	See: GY5814000
56625-83-3	See: LZ5890000
56637-93-5	See: AF7000000
56643-20-0	See: KJ1685000
56643-24-4	See: TG2195000
56643-49-3	See: TE6495000
*56645-57-9	See: WY1981000
56646-62-9	See: AX5223100
56646-63-0	See: AX5223200
56646-64-1	See: AX5223300
56646-65-2	See: AX5223400
56646-66-3	See: AX5224000
56646-67-4	See: AX5224100
56646-68-5	See: AX5224200
56646-69-6	See: AX5224300
56646-70-9	See: AX5224400
*56654-53-6	See: YS3825000
56663-60-6	See: CI8090000
56675-15-1	See: PB8720000
*56687-85-5	See: MJ9652100
56690-79-0	See: OD1375200
56694-84-9	See: RH2230000
*56698-81-8	See: WJ2505000
*56705-51-2	See: CX9858900
*56705-85-2	See: CX9858800
56711-09-2	See: PB8700000
56711-12-7	See: PB8675000
56711-13-8	See: PB8685000
56713-63-4	See: YT8500000
56717-11-4	See: TN4426000
*56722-93-1	See: MT0800200
56730-87-1	See: OG7590000
*56748-60-8	See: QD2180000
56750-94-8	See: MP8800000
56750-95-9	See: MP8850000
56751-03-2	See: RG5929000
56759-56-9	See: UX2100000
56764-40-0	See: OG0800000
56774-61-9	See: YU5075000
*56775-88-3	See: UC6555000
56775-94-1	See: NI9451500
56775-98-5	See: NI9453500
56775-99-6	See: NI9454000
*56776-01-3	See: DN8785000
56776-25-1	See: PC4950000
*56795-65-4	See: MV0850000
*56795-66-5	See: MV9360000
56795-77-8	See: CZ7175000
*56796-20-4	See: XI0372000
*56802-99-4	See: TC9550000
56817-07-3	See: US3852000
56832-53-2	See: UZ1595000
56833-42-2	See: OP4040000
56833-66-0	See: VG3410000
*56833-74-0	See: WK5920000
56836-60-3	See: FD9040000
56843-28-8	See: CU5610500
*56856-83-8	See: AI9150000
56857-65-9	See: WH1322700
56857-66-0	See: WH1322750
*56863-02-6	See: RF9968000
*56863-50-4	See: CG9275000
56872-71-0	See: YT1530000
56879-48-2	See: LZ5760000
*56882-41-8	See: NI3058000
*56882-42-9	See: NI3048000
*56882-43-0	See: NI3054000
*56882-44-1	See: NI3072000
*56882-45-2	See: NI3062000
*56882-46-3	See: NI3070000
*56882-47-4	See: NI3060000
*56882-48-5	See: NI3040000
*56882-49-6	See: NI3052000
*56882-50-9	See: NI3046000
*56882-51-0	See: NI3050000
*56892-30-9	See: DJ8200000
*56892-31-0	See: DJ8285000
*56892-32-1	See: DJ8290000
*56892-33-2	See: DJ8295000
*56894-91-8	See: CY8420000
*56898-25-0	See: QF3060000
*56898-26-1	See: TN4721900
*56911-70-7	See: CU5186500
*56911-72-9	See: DH0217000
*56911-75-2	See: DN9266000
*56915-10-7	See: UQ8969000
56916-60-0	See: DI3090000
56916-63-3	See: DI4940000
56916-64-4	See: DI4930000
56916-68-8	See: DI4370000
56916-72-4	See: DI4368000
56920-82-2	See: LT8925000
56939-10-7	See: EX8410000
56939-54-9	See: OP4050000
56939-74-3	See: GF1675000
56957-82-5	See: DI2550000
56961-21-8	See: DC4900000
*56961-60-5	See: CV9000000
*56961-62-7	See: CW5850000
*56961-65-0	See: CU3851500
56968-76-4	See: GU3827500
*56970-24-2	See: DU9700000
56971-24-5	See: BQ7120000
56971-26-7	See: BR9800000
*56974-46-0	See: RO0685000
*56974-61-9	See: DG2800800
56979-55-6	See: UL6300000
56983-13-2	See: DF6423960
56984-72-6	See: EM9475000
*56985-40-1	See: MJ9681090
*56986-35-7	See: EL1250000
*56986-36-8	See: AF7477000
*56996-48-6	See: HF9320000
*56998-45-9	See: KF4660000
*56998-46-0	See: KF4680610
*56998-48-2	See: KF4635000
*57021-61-1	See: US4600000
57034-85-2	See: CB9953900
*57049-06-6	See: KF4580000
57057-83-7	See: SL8200000
57061-72-0	See: TK7815000
57061-73-1	See: TK7820000
57061-74-2	See: TK7804000
57061-75-3	See: TL5814000
57061-76-4	See: TL5813000
*57061-77-5	See: TL5812000
57064-98-9	See: TY2060000
57066-25-8	See: NI8941250
57074-51-8	See: LV1599000
57105-58-5	See: RN8270000
57105-59-6	See: RN7835000
57105-65-4	See: YS6600000
57105-66-5	See: SZ7565000
*57107-63-8	See: CB9756350
*57109-90-7	See: DE8750000
*57117-24-5	See: AK2985000
57120-87-3	See: VC8440000
57151-04-9	See: LQ4105000
57152-56-4	See: VA9651000
57152-58-6	See: VA9652000
57158-01-7	See: GS2167000
*57170-08-8	See: XZ5478100
*57186-25-1	See: DJ2830000
57196-60-8	See: NX4025000
57196-62-0	See: NX1750000
*57197-42-9	See: PA8250000
*57197-43-0	See: DA9501600
57203-04-0	See: RB6000000
*57206-85-6	See: KE7643000
*57213-69-1	See: AJ8974000
57227-11-9	See: NW4907000
*57227-13-1	See: MW4906900
*57227-15-3	See: MW4907100
*57227-20-0	See: MW4906600
*57227-25-5	See: MW4907400
*57227-27-7	See: MW4907300
*57227-30-2	See: MW4906200
*57227-34-6	See: MW4906700
*57227-38-0	See: MW4906800
*57227-55-1	See: MW4906500
*57227-57-3	See: MW4906400
*57227-58-4	See: MW4906300
*57227-64-2	See: MW4906100
*57228-40-7	See: EZ8738200
*57228-42-9	See: EZ4217250
*57228-49-6	See: EZ8738400
*57228-51-0	See: EZ8738500
*57228-55-4	See: EZ8738300
*57228-61-2	See: EZ4217200
*57229-41-1	See: AC3520000
*57230-48-5	See: LW5380000
57230-49-6	See: LW5360000
57258-61-4	See: DD4550000
*57266-83-8	See: CX5035000
57269-17-7	See: HM0371500
57269-18-8	See: HM0376500
57269-19-9	See: HM0440000
57269-22-4	See: HM0477000
57269-25-7	See: HM0451000
57269-26-8	See: HM0445000
57269-28-0	See: HM0481000
57269-30-4	See: HM0485000
57269-36-0	See: HM0373000
57269-37-1	See: HM0463000
57269-38-2	See: HM0503000
57269-41-7	See: HM0441000
57269-43-9	See: HM0376000
57269-45-1	See: HM0447000
57269-48-4	See: HM0479000
57269-49-5	See: HM0483000
57269-63-3	See: HM0560000
57272-18-1	See: OF1000000
57272-19-2	See: OE9820000
57272-21-6	See: OE9830000
57272-22-7	See: OE9810000
57272-28-3	See: GY4570000
57272-29-4	See: MP8150000
*57272-31-8	See: QT1938000
57272-32-9	See: NS2050000
57272-33-0	See: QT1550000
57280-97-4	See: UY8691100
*57281-35-3	See: EL1510000
*57282-49-2	See: OL5644200
*57285-09-3	See: NM7109000
*57285-10-6	See: NO0125000
57285-79-7	See: CB9640000
*57287-53-3	See: EZ4217100
*57294-74-3	See: YU8055000
57296-63-6	See: AH0308000
*57297-16-2	See: AH0307000
*57308-10-8	See: EW2440000
*57312-00-2	See: XZ5478180
*57312-03-5	See: XZ5478060
*57312-08-0	See: XZ5478070
*57314-55-3	See: TL3486500
*57321-63-8	See: KO4200000
*57327-80-7	See: MW4907200
*57329-97-2	See: NL3400000
57342-05-9	See: HQ4210000
57343-49-4	See: BP7648000
57343-50-7	See: BR1220000
57343-51-8	See: BR1215000
57355-26-7	See: AD0202000
57355-29-0	See: LK6910000
57355-30-3	See: LK6940000
57355-33-6	See: LK8580000
57355-34-7	See: LK9000000
57363-15-2	See: EV5775000
*57377-32-9	See: LV1599200
57390-30-4	See: HO4580000
*57426-38-7	See: TL3486600
*57432-60-7	See: KE7632000
*57432-61-8	See: KE5500000
57435-88-8	See: UY8557000
57435-91-3	See: UY8573000
57435-92-4	See: UY8561000
57435-93-5	See: UY8577000
*57435-94-6	See: UY8549000
57435-95-7	See: UY8569000
57436-05-2	See: UY8581000
57436-06-3	See: UY8553000
*57454-05-4	See: FD9781820
57455-06-8	See: DO8318000
57455-79-5	See: QG0580000
57458-46-5	See: CX8075000
57458-50-1	See: GU3123000
*57460-41-0	See: YS7594200
57462-60-9	See: DM3755000
57462-61-0	See: DM3710000
57462-62-1	See: DM3685000
57462-63-2	See: DM3680000
57462-64-3	See: DM3805000
57462-65-4	See: DM3690000
57462-66-5	See: DM3810000
57462-67-6	See: DM3820000
57462-68-7	See: DM3790000
57462-70-1	See: DM3715000
57462-71-2	See: DM3695000
57462-75-6	See: DM3765000
57462-76-7	See: DM3735000
57462-77-8	See: DM3725000
57462-78-9	See: DM3790000

BEST COPY AVAILABLE

CAS No.	RTECS No.
57462-79-0	See: DM3770000
57462-80-3	See: DM3730000
57462-84-7	See: DM3720000
57462-85-8	See: DM3830000
57462-86-9	See: DM3826000
57462-88-1	See: DM3740000
57462-90-5	See: DM3800000
57462-92-7	See: DM3745000
57462-94-9	See: DM3780000
57462-96-1	See: DM3760000
*57464-67-2	See: UX2090000
57469-51-9	See: AY3000000
57469-53-1	See: AY4260000
57469-58-6	See: VQ3100000
*57469-59-7	See: VT9630000
57469-92-8	See: KK2412000
57469-93-9	See: SG8150000
*57494-84-5	See: AC3645000
*57494-85-6	See: AC3644000
*57494-86-7	See: CV5047000
*57494-87-8	See: CV2545000
*57494-88-9	See: CV4348300
*57494-90-3	See: YS7596000
57495-14-4	See: CY1575195
57495-73-5	See: GU3125000
57513-73-2	See: UV9748000
57513-74-3	See: UV9942000
57513-75-4	See: UV9900000
57513-76-5	See: UV9775000
57513-77-6	See: UV9902000
57513-78-7	See: UV9905000
57515-50-1	See: SD4515000
57515-51-2	See: CB9376770
57515-52-3	See: SD4510000
57517-34-7	See: UY8565000
57520-17-9	See: MI3670000
*57524-15-9	See: NI3190000
*57524-53-5	See: KL6520000
*57526-81-5	See: SL5090000
57529-80-3	See: DK1230200
57529-81-4	See: DK1230000
57529-82-5	See: NM2414000
57529-84-7	See: NM2412000
57529-85-8	See: NM2420000
57529-86-9	See: NM2422000
57529-88-1	See: NM2416000
57529-89-2	See: NM2424000
57529-90-5	See: NM2418000
57529-91-6	See: NM2429000
57529-92-7	See: NM2428000
57531-87-0	See: CZ1952000
57531-88-1	See: CZ1954000
*57541-72-7	See: TM7067000
*57541-73-8	See: TM7054000
57542-92-4	See: NW6858000
57543-00-7	See: NW7626000
57543-06-3	See: NW7615000
57543-08-5	See: NX4914000
57543-14-3	See: NW7620000
57543-22-3	See: NW7622000
57543-29-0	See: NW7628000
57543-34-7	See: NW7624000
*57543-37-0	See: DJ2225000
*57543-38-1	See: DJ2245000
*57543-39-2	See: DJ2240000
*57543-40-5	See: DJ2235000
*57543-42-7	See: DJ2260000
*57543-44-9	See: DJ2250000
*57543-54-1	See: DJ2130000
*57543-55-2	See: DJ2125000
*57543-56-3	See: DJ2120000
*57543-57-4	See: DJ2115000
57543-65-4	See: DJ2390000
*57543-66-5	See: DJ2170000
*57543-68-7	See: DJ2175000
*57543-71-2	See: DJ2185000
*57543-72-3	See: DJ2180000
*57543-73-4	See: DJ2215000
*57543-74-5	See: DJ2210000
*57543-75-6	See: DJ2200000
*57543-76-7	See: DJ2190000
*57543-78-9	See: DJ2160000
*57543-79-0	See: DJ2560000
*57543-81-4	See: DJ2555000
*57543-83-6	See: DJ2613000
*57543-84-7	See: DJ2600000
57543-85-8	See: DJ2505000
*57543-86-9	See: DJ2165000
*57543-87-0	See: DJ2580000
*57543-88-1	See: DJ2570000
*57543-90-5	See: DJ2150000
*57543-95-0	See: DJ2155000
*57544-07-7	See: DJ2145000
57544-12-4	See: DJ2510000
*57544-18-0	See: DJ2140000
57544-19-1	See: DJ2520000
57544-20-4	See: DJ2515000
*57544-22-6	See: DJ2135000
*57544-29-3	See: DJ2540000
*57544-32-8	See: DJ2530000
*57544-34-0	See: DJ2230000
57554-27-5	See: AH3365000
57554-31-1	See: YV7882500
*57554-34-4	See: GY2550000
57562-99-9	See: CQ6519000
57563-02-7	See: CQ3700000
*57576-44-0	See: QI9279300
*57583-34-3	See: WH8586000
*57584-56-2	See: KJ6800000
*57584-57-3	See: TY3165000
57590-20-2	See: LQ9000000
57590-21-3	See: LQ8950000
57590-22-4	See: LQ8600000
*57598-00-2	See: GP3400000
57602-85-4	See: HQ2554000
57602-86-5	See: HQ2552000
57602-87-6	See: HQ2551000
57602-88-7	See: HQ2553000
57608-57-8	See: KD4385000
57608-58-9	See: LK9690000
57608-59-0	See: LK9700000
57612-12-1	See: GY8230000
57612-13-2	See: GY8170000
57612-14-3	See: GY8240000
57612-15-4	See: GY8220000
57612-16-5	See: GY8225000
57612-18-7	See: GY8195000
57612-20-1	See: GY8180000
57612-21-2	See: GY8190000
57612-22-3	See: GY8160000
57614-23-0	See: NK7976000
57638-92-3	See: GY8155000
57641-25-5	See: UC0480000
57641-29-9	See: UC0470000
*57644-85-6	See: UE2280000
*57645-49-5	See: CU9395000
*57645-91-7	See: CU9390000
*57647-35-5	See: NL7440000
*57648-21-2	See: EL7570000
57648-22-3	See: EU4150000
*57651-82-8	See: FZ4650000
57652-66-1	See: DJ4960000
*57653-85-7	See: HP3280000
*57661-24-2	See: VC8610300
*57661-25-3	See: VC8610100
57661-26-4	See: VC8617000
57661-27-5	See: VC8615500
*57661-28-6	See: VC8610200
57661-29-7	See: VC8610000
57661-30-0	See: VC8616000
57661-31-1	See: VC8615000
57661-46-8	See: VC8495000
57661-47-9	See: VC8490000
57661-68-4	See: UV1150900
57661-69-5	See: UV1150980
57665-10-8	See: YY8620000
*57665-45-9	See: KR6119170
*57665-46-0	See: KR4730000
57668-23-2	See: SZ6225000
57681-86-4	See: KJ8540000
57681-88-6	See: KK3730000
57681-90-0	See: KK3695000
57687-92-0	See: EM4300000
57710-61-9	See: DP6200000
*57716-89-9	See: GZ0594000
*57718-77-1	See: EM9245000
57723-02-1	See: YT9125000
*57726-65-5	See: CL5629500
*57734-70-0	See: CL5627600
*57749-43-6	See: KD7986000
*57757-50-3	See: BO6477000
*57757-52-5	See: TN4720500
57762-81-9	See: AA2441500
57765-71-6	See: MJ9839000
*57773-65-6	See: OK6755000
57774-87-5	See: XN1780000
57775-22-1	See: XZ5483000
57775-27-6	See: DB7070000
57775-29-8	See: UA8650000
57781-14-3	See: TU3720000
57784-96-0	See: CY1575115
57790-91-7	See: UQ0400000
57790-92-8	See: UQ0485000
57790-93-9	See: UQ0423000
57790-94-0	See: UQ0490000
57790-98-4	See: UQ0390000
57790-99-5	See: UQ0408000
57791-00-1	See: UQ0385000
57791-01-2	See: UQ0480000
57791-02-3	See: UQ0475000
57791-03-4	See: UQ0470000
57791-04-5	See: UQ0455000
57791-05-6	See: UQ0450000
57791-06-7	See: UQ0460000
57791-08-9	See: UQ0370000
57791-09-0	See: UQ0495000
57791-10-3	See: UQ0380000
57791-11-4	See: UQ0415000
57791-12-5	See: UQ0430000
57791-13-6	See: UQ0445000
57803-44-8	See: QE0990000
57803-45-9	See: RP7205000
57803-47-1	See: QE0770000
57803-51-7	See: NS1360000
57803-52-8	See: NS1380000
57803-54-0	See: NS1300000
57803-55-1	See: NS1325000
57803-56-2	See: NS1250000
57803-57-3	See: NS1275000
57803-58-4	See: NS1340000
57803-70-0	See: NS2380000
57803-71-1	See: NS2300000
*57808-66-9	See: DE2275900
*57816-08-7	See: HN3675000
57817-89-7	See: NZ8175000
57831-66-0	See: IL8840000
57831-73-9	See: IL8837000
57831-77-3	See: IL8836000
*57837-19-1	See: AY6910000
57841-14-2	See: RP6467000
57841-27-7	See: RP6443000
57841-28-8	See: RP6439000
57841-29-9	See: RP6455000
57841-30-2	See: RP6447000
57841-31-3	See: RP6483000
57841-32-4	See: RP6475500
57841-33-5	See: RP6479000
57841-34-6	See: RP6491000
57841-35-7	See: RP6463000
57841-36-8	See: RP6487000
57841-38-0	See: RP6495000
57841-39-1	See: RP6451000
57842-12-3	See: TB2350000
57846-34-1	See: OO0630000
57846-35-2	See: OO0631000
57846-36-3	See: ES5670000
57846-37-4	See: ES8137550
*57848-71-2	See: ZD5703800
57852-57-0	See: HB7877000
57855-46-6	See: TN1275000
57856-21-0	See: TB1940000
*57857-70-2	See: DB9061000
57860-67-0	See: XJ9008500
57860-69-2	See: TM5620000
57865-37-9	See: NQ4725000
*57897-48-0	See: YE1680000
*57897-49-1	See: UY0916000
*57897-51-5	See: UY1011000
*57897-53-7	See: UY0925000
*57897-55-9	See: UY0706500
*57897-58-2	See: UY0866000
*57897-99-1	See: MF5970000
57899-02-2	See: DF6423940
57903-80-7	See: CB9460000
57913-68-5	See: DP2755000
57932-45-3	See: AE8297000
57932-46-4	See: AE2604000
*57936-22-8	See: SM4900000
57950-03-5	See: QL8800000
*57966-95-7	See: AB5957000
*57973-67-8	See: UE8880000
*57982-77-1	See: CC6690000
57982-78-2	See: TM7291100
57987-56-1	See: KI0875000
*57998-68-2	See: EY8794000
58001-44-8	See: RN6802500
58001-89-1	See: LZ4296000
58019-84-4	See: DJ3210000
58019-92-4	See: DJ3250000
58019-94-6	See: DJ3110000
*58030-91-4	See: DJ5030000
58041-19-3	See: RP5320000
58050-42-3	See: EY8960000
58050-43-4	See: EY8890000
58050-44-5	See: EY8940000
58050-45-6	See: EY8920000
58050-46-7	See: EY8870000
58050-47-8	See: EY8980000
58050-48-9	See: YS2200000
58050-49-0	See: FC9000000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*58052-17-8	See: JX7670000
58071-32-2	See: EC5991520
58071-33-3	See: EC5991500
*58086-32-1	See: LV1735000
58086-33-2	See: LV1761500
58086-34-3	See: LV1741000
58098-08-1	See: WN9535000
*58098-09-2	See: CZ4010000
58120-03-9	See: XI2282500
58121-91-8	See: DL0275000
*58128-20-4	See: GE5170000
58128-27-1	See: CB9376674
58131-51-4	See: KL9371200
58131-52-5	See: DF8028400
58131-53-6	See: DF8027950
*58131-55-8	See: KL9372000
58131-56-9	See: DF8035500
58131-57-0	See: DF8029000
58131-58-1	See: DF8027900
58137-32-9	See: UE4464000
*58139-33-6	See: FC6280000
*58139-35-8	See: FC6630000
*58139-46-1	See: LQ3163000
*58139-48-3	See: VA1475000
*58139-51-8	See: XJ2870060
*58139-52-9	See: LQ3160000
58139-53-0	See: AC6763000
*58139-54-1	See: XJ2870040
*58139-55-2	See: LQ3159500
*58139-56-3	See: XJ2870020
*58139-57-4	See: LQ3159000
58139-58-5	See: AC6740000
*58139-59-6	See: XJ3960000
58139-61-0	See: AB4564000
58149-28-3	See: DA3700000
58152-03-7	See: WK1973000
*58163-18-1	See: LZ5787000
58163-36-3	See: QK3851500
*58164-88-8	See: CC5455000
*58166-83-9	See: XH5905700
58167-78-5	See: XN3880000
*58169-97-4	See: FC6130000
58194-34-6	See: CB9376654
58194-35-7	See: CB9375800
58194-38-0	See: CK6800000
*58194-39-1	See: CB9860000
58198-49-5	See: TM2100000
58205-91-7	See: WH1332350
58205-92-8	See: WH1332400
58239-18-2	See: DS1050300
58240-55-4	See: VM2660000
*58243-85-9	See: QJ1882000
58253-21-7	See: MX1470000
*58253-27-3	See: HE0757000
*58256-35-2	See: RB6978000
*58256-36-3	See: RB6975500
*58256-43-2	See: ED6651000
*58256-45-4	See: ED6652200
*58256-46-5	See: ED6651900
*58256-48-7	See: ED6651800
*58256-56-7	See: ED6836000
*58270-08-9	See: ZH1930000
58306-30-2	See: FB3955000
58319-19-0	See: ZA1867000
58319-20-3	See: ZA1867500
58324-12-2	See: AR7020000
58324-13-3	See: AR6980000
58324-14-4	See: AR7130000
58324-15-5	See: AR7090000
58324-16-6	See: AR7060000
58324-21-3	See: DJ1320000
58324-22-4	See: DJ0610000
58324-23-5	See: DJ1640000
58324-24-6	See: DJ1630000
58324-25-7	See: DJ1620000
58324-26-8	See: DJ1240000
58324-27-9	See: DJ0600000
58324-28-0	See: DJ1270000
58324-29-1	See: DJ1260000
58324-30-4	See: DJ1250000
58324-88-2	See: HM0340600
58330-31-7	See: DE8380500
58335-95-8	See: HO1050000
58335-96-9	See: HN7875000
58335-98-1	See: HN7700000
58337-34-1	See: UU8875000
58339-26-7	See: CB9376535
58339-27-8	See: CB9376523
58344-28-8	See: SB3881000
58344-30-2	See: SB3882000
58344-31-3	See: SB3886000
58344-35-7	See: SB3883000
58344-41-5	See: SL1990000
*58344-42-6	See: SL1970000
58344-43-7	See: SB3387000
58344-45-9	See: SB3378000
58344-47-1	See: SB3420000
58344-48-2	See: SB3410000
58344-50-6	See: SB3363000
58344-51-7	See: SB3381000
58344-54-0	See: MP8700000
58344-55-1	See: MJ9720000
58344-72-2	See: SB3855000
58344-83-5	See: SB3884000
58344-84-6	See: SB3690000
58344-85-7	See: MP8600000
58344-86-8	See: SB3700000
58344-88-0	See: MJ9690000
58344-89-1	See: MP8500000
58344-90-4	See: MP8620000
58344-96-0	See: SB3369000
58344-97-1	See: SB3366000
58345-03-2	See: SB3375000
58345-04-3	See: SB3372000
58345-05-4	See: MJ9681500
58345-07-6	See: SB3390000
58345-48-5	See: EU5430000
58345-50-9	See: EY3350000
*58357-69-0	See: UE9504500
*58357-73-6	See: UE9516300
*58373-19-6	See: US4679000
*58373-20-9	See: US4678000
*58373-21-0	See: UU3874600
58395-74-7	See: TM7240000
58395-75-8	See: UY0890000
*58409-52-2	See: AY8510000
58409-59-9	See: DJ3025000
*58426-99-6	See: SD8580100
*58430-00-5	See: CW4100000
*58430-01-6	See: CU4340000
*58430-94-7	See: AK0840000
58449-84-6	See: CB9654100
58451-82-4	See: US9165000
58451-83-5	See: US9100000
58451-84-6	See: US9160000
58451-85-7	See: TM7190000
58451-86-8	See: TM7180000
58451-87-9	See: TM7185000
58478-34-5	See: EJ6900000
*58481-70-2	See: FC4755000
*58484-07-4	See: YS4981000
58484-17-6	See: YS4906350
58484-23-4	See: LZ5960000
58493-20-2	See: TL5840000
58493-21-3	See: TL5820000
*58493-22-4	See: TL5815000
58494-43-2	See: YS4983250
*58514-03-7	See: CZ4020000
58534-70-6	See: QD0790000
58546-17-1	See: WH1322850
58546-18-2	See: WH1322650
58546-19-3	See: WH1322600
58546-20-6	See: LV2990000
58546-21-7	See: LV2980000
*58551-69-2	See: UK8026000
58561-82-3	See: RW5710000
*58562-61-1	See: UY0281000
*58562-66-6	See: XM7642000
*58562-92-8	See: XM7643000
*58568-02-8	See: MC0815500
58572-17-1	See: AW8520000
58580-55-5	See: WK1990000
58581-89-8	See: TH9203800
58585-47-0	See: ME8925000
58585-48-1	See: MF5600000
58585-72-1	See: RO7450000
58585-99-2	See: NK7886500
58586-04-2	See: NK7886600
58586-10-0	See: NK7750000
58588-69-5	See: SY9285000
58588-70-8	See: SY9720000
58591-17-6	See: OI0253000
58591-23-4	See: OI0254000
58594-13-1	See: BO8794000
58594-14-2	See: BO8796000
58607-59-3	See: TF0500000
58607-62-8	See: TF6510000
58607-64-0	See: BR9830000
58609-75-9	See: ON4900000
58616-25-4	See: CA7808000
*58649-90-4	See: VH3520000
*58658-19-8	See: CU8703000
*58658-24-5	See: PB0506800
*58658-27-8	See: PB0506820
58678-44-7	See: OM0848000
*58682-45-4	See: PB0508500
*58683-84-4	See: CN2705000
58695-41-3	See: AG4900000
58703-21-2	See: JO4900000
*58703-79-0	See: JW4791920
58717-24-1	See: OM0848200
58717-62-7	See: CL6150000
*58718-68-6	See: RT6460000
58728-64-6	See: QJ1865000
*58735-64-1	See: UQ4730500
58741-67-6	See: ZD6020000
58741-68-7	See: ZD6100000
58741-69-8	See: ZD6080000
58741-70-1	See: ZD6060000
58763-27-2	See: UG9366000
58763-29-4	See: UG9363000
58763-30-7	See: UG9362000
58763-31-8	See: UG8640000
58766-38-4	See: ZD6040000
58781-88-7	See: DV5180000
58782-65-3	See: QL5415000
58782-71-1	See: QL5410000
*58785-63-0	See: OJ9457400
*58786-99-5	See: QC7795000
*58802-08-7	See: HP3420000
*58810-48-3	See: AE1300200
*58811-21-5	See: FD3702000
58814-86-1	See: AU2980000
58814-87-2	See: AU3030000
58814-88-3	See: AU3050000
58814-89-4	See: AU3070000
58828-83-4	See: BR9450000
58844-67-0	See: DI1080000
58844-68-1	See: UF7060000
58844-70-5	See: DH8630000
58844-73-8	See: DH6475450
58844-74-9	See: DH8631000
58844-75-0	See: DI1070000
58845-80-0	See: OJ9457501
*58857-02-6	See: UP5990000
58860-36-9	See: IL8838000
58860-37-0	See: IL8839000
*58880-05-0	See: SF7942000
58880-18-5	See: SH0261000
58880-22-1	See: OH4729040
58880-23-2	See: OH4729020
58880-24-3	See: OH4726650
*58880-36-7	See: GZ1227900
*58880-38-9	See: GZ1228200
*58880-41-4	See: UE8945000
*58880-42-5	See: AF9273000
*58892-33-4	See: XZ0359400
58892-41-4	See: XY7370000
58892-42-5	See: XY3195000
58892-43-6	See: TL6845000
58892-44-7	See: XY3315000
58892-45-8	See: XY9690000
58892-46-9	See: XY2965000
58892-47-0	See: XY9670000
58892-51-6	See: XZ0200000
58892-52-7	See: XY7375000
58892-53-8	See: XY3025000
58892-57-2	See: XY9200000
*58892-61-8	See: NM2256700
*58892-62-9	See: NM2256000
*58892-63-0	See: NM2256300
*58892-64-1	See: NM2256500
*58892-65-2	See: TN7861000
*58892-66-3	See: KM5782660
*58892-67-4	See: NM2256900
*58892-68-5	See: NM2257100
*58892-69-6	See: NM2292000
*58892-89-0	See: AX8155000
*58892-90-3	See: AX8154900
*58892-91-4	See: AX8155400
*58892-92-5	See: AX8154000
*58892-94-7	See: AX8155100
*58893-13-3	See: VS2192000
*58893-14-4	See: VS2195000
*58893-16-6	See: VS2190000
*58894-62-5	See: AX8155700
58902-62-8	See: DM4448500
58911-02-7	See: UV0710000
*58912-52-0	See: NM2293000
58912-53-1	See: XY3185000
*58912-78-0	See: AX8154500
58913-87-4	See: UW1225000
58915-53-0	See: RS8706100
58916-90-8	See: FI0300000
58916-92-0	See: CB9625300
58917-39-8	See: GM5707500
*58917-67-2	See: DJ7960000
*58918-26-6	See: VS2192500
*58918-27-7	See: VS2195500
58918-34-6	See: PB8931000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
58921-37-2	See: UU6941500
*58933-55-4	See: MH6550000
*58936-31-5	See: CB9376220
58944-02-8	See: WP1050000
*58944-73-3	See: HE3140000
58947-83-4	See: GE5577000
*58952-78-6	See: KK8997000
*58957-92-9	See: HB7876000
58968-53-9	See: TQ8020000
*58970-76-6	See: OH2915000
*58973-41-4	See: MW5603800
*58973-42-5	See: MW5603700
*58973-43-6	See: MW5540400
*58973-44-7	See: MW5540600
*58973-45-8	See: MW5150500
*58973-46-9	See: MW5540200
58995-26-9	See: EC5991600
*58995-37-2	See: GQ4750000
*58995-43-0	See: TB1450000
58995-44-1	See: TE2285000
59001-43-3	See: UN8239000
59001-95-5	See: GY8245000
59001-96-6	See: GY8175000
59001-97-7	See: GY8165000
59002-00-5	See: GY8235000
59002-02-7	See: GY8185000
59002-03-8	See: GY8212000
59002-04-9	See: GY8210000
59002-05-0	See: GY8215000
59002-06-1	See: GY8150000
59004-86-3	See: UH0640000
59004-87-4	See: UH2825000
59004-88-5	See: UH2506000
59004-89-6	See: UH0650000
59004-90-9	See: UH2507000
59022-44-5	See: WH1313500
59022-46-7	See: WH1313900
59022-47-8	See: WH1314000
59022-48-9	See: WH1315800
59022-55-8	See: WH1312500
59022-56-9	See: WH1312700
59029-72-0	See: LL3130000
59038-07-2	See: HM0383500
59038-08-3	See: HM0386500
59038-09-4	See: HM0382000
59038-10-7	See: HM0510000
59081-64-0	See: PB9080700
59081-91-3	See: PB9083700
59083-57-7	See: TL1286500
*59086-92-9	See: GZ0650000
59094-77-8	See: KI9425000
59111-29-4	See: GS2169200
59122-69-9	See: PB9083750
59122-70-2	See: PB9089000
59123-41-0	See: GX9700000
*59128-97-1	See: RQ5831500
*59133-23-2	See: UX9456000
*59133-30-1	See: UX9358000
*59133-37-8	See: KM5508900
*59133-39-0	See: KM5508800
*59133-44-7	See: PC4934300
*59133-45-8	See: PC4935500
*59133-51-6	See: UX9354500
59138-84-0	See: BS7960000
*59157-67-4	See: WJ2610000
59160-29-1	See: AK1380000
*59163-97-2	See: AT2700000
59165-34-3	See: LX3000000
59168-75-1	See: PB9083800
59177-62-7	See: AU4715000
59177-67-2	See: AU4447000
59177-68-3	See: AU5017000
59177-69-4	See: PB9271500
59177-70-7	See: PB9272000
59177-71-8	See: PB9270500
59177-82-1	See: PC0290000
59177-85-4	See: AU4710000
59178-36-8	See: TU1120000
*59179-95-2	See: AD8227000
*59182-63-7	See: UI0672500
59182-67-1	See: UI2550000
59182-70-6	See: SH2105000
59184-78-0	See: YS3812500
59188-11-3	See: AI8967000
*59198-70-8	See: TU3830500
59202-85-6	See: VT6305000
59203-73-5	See: PB8810000
59204-74-9	See: JX2580000
*59209-40-4	See: NL3520500
59209-61-9	See: AB7055000
59215-20-2	See: TM1750000
59217-95-7	See: RH1690000
59227-74-6	See: VC0305000
59227-89-3	See: CM3995000
*59230-81-8	See: CW0600000
59232-87-0	See: VJ5590000
59236-83-8	See: PB9210000
59245-99-7	See: GL8942500
59252-35-6	See: HA5570000
59252-37-8	See: HA5480000
59252-39-0	See: HA5540000
59263-66-0	See: LQ4595000
59263-76-2	See: SL4250000
*59277-89-3	See: UO7504000
59282-56-3	See: DH9110000
59283-92-0	See: MF7175000
*59297-18-6	See: WJ2500000
*59333-90-3	See: UA9500000
*59348-49-1	See: UA5783000
59355-46-3	See: CJ6020000
59384-74-6	See: DM5271500
59384-75-7	See: DM5276500
59384-76-8	See: DM5276000
59384-77-9	See: DM5275500
*59393-27-0	See: EE1509000
*59405-47-9	See: UT6475000
59413-14-8	See: XH2388000
59426-19-6	See: TP8610000
59436-69-0	See: HM0373300
59458-27-4	See: LK3660000
59465-75-7	See: LZ5990000
59465-76-8	See: LZ5779300
*59467-94-6	See: NI2922200
59493-93-5	See: FQ4425000
59493-94-6	See: NX5123400
59493-95-7	See: FQ4425100
*59496-26-3	See: NL5998650
59511-12-5	See: CM4300060
59512-16-2	See: UE3100000
59512-18-4	See: AB4545000
59512-21-9	See: UE3120000
59512-29-7	See: AE4300000
59512-32-2	See: UE3700000
59512-34-4	See: UE3130000
59512-35-5	See: UE4480000
59512-36-6	See: AB4546000
59519-92-5	See: CB9638700
59519-94-7	See: AU1580000
59528-33-5	See: RP6459000
*59528-34-6	See: DJ2205000
*59528-35-7	See: DJ2550000
59532-51-3	See: MH6010000
59532-52-4	See: MH6020000
*59536-65-1	See: LK5060000
*59547-52-3	See: EK7842000
59547-54-5	See: CQ0373000
*59554-11-9	See: WH1309600
*59554-12-0	See: WH1317200
*59556-29-5	See: GU4760000
*59557-05-0	See: EK8150000
*59558-23-5	See: RH0787500
*59573-80-7	See: XO9635000
*59582-64-8	See: CU8784000
*59582-65-9	See: XS3590700
59588-86-2	See: AY1900000
59590-83-9	See: TP8620000
*59593-05-4	See: HG9248000
59593-15-6	See: UY8545700
*59593-16-7	See: UY8546000
59614-20-9	See: TP8600000
*59619-78-2	See: MJ9671200
*59619-81-7	See: MJ9671000
*59641-32-6	See: QL7472700
59652-20-9	See: HN2000000
*59652-21-0	See: HN2020000
59665-11-1	See: AC6301000
59669-26-0	See: KJ4301050
59680-34-1	See: AU2365000
*59687-27-3	See: EK0110500
*59687-32-0	See: DB5044400
*59687-37-5	See: UE9504000
*59687-40-0	See: UE9516000
*59687-42-2	See: UE9516200
*59687-48-8	See: DB7090000
*59687-50-2	See: DB5615000
59697-12-0	See: BQ2600000
59697-80-2	See: ET1670000
*59703-84-3	See: XI0180000
*59708-16-6	See: XY2430000
*59708-21-3	See: CV2443620
*59708-24-6	See: CV2345950
*59708-25-7	See: CV2443630
*59708-52-0	See: TM6406000
*59711-77-2	See: XW6655000
59716-87-9	See: XI3550000
*59748-51-5	See: PB0965000
*59748-95-7	See: PB0912000
59749-96-1	See: AE7435000
59751-35-8	See: XI0331000
59753-55-8	See: AB7950000
59763-89-2	See: MD8420000
59763-90-5	See: MD8440000
*59766-02-8	See: HN3400000
59769-03-8	See: RO1600000
59793-60-1	See: UM1000000
59794-19-3	See: CB9376500
59797-16-9	See: AB8070000
59836-69-0	See: NM1928000
59836-70-3	See: NM2025000
59836-71-4	See: NM1927000
59836-75-8	See: NM1926000
59836-76-9	See: NM1894000
*59863-59-1	See: UY0800000
*59865-13-3	See: GZ4120000
59866-16-9	See: AY4570000
59866-83-0	See: TR4900500
59901-89-2	See: UH1588500
*59901-90-5	See: DO5465000
*59901-91-6	See: DF4919500
*59902-27-1	See: JH9430000
*59902-28-2	See: JH7020000
59918-44-4	See: XZ3862000
59926-78-2	See: ON7060000
*59928-80-2	See: KH5900000
*59935-47-6	See: LM4725000
59943-31-6	See: DK8187000
*59960-90-6	See: AB7063000
*59965-27-4	See: DI8575000
59969-42-5	See: CF0840000
59971-06-1	See: QD0760000
59971-40-3	See: XY2190000
59971-42-5	See: GD9008500
*59978-04-0	See: NJ8500000
59978-76-6	See: OE8592000
59979-01-0	See: XK6510000
59979-02-1	See: XK6520000
59979-14-5	See: EE4830000
59979-63-4	See: CK6229500
*59979-82-7	See: CB9395250
59985-27-2	See: VD1325000
59988-06-6	See: PB1000000
59988-08-8	See: PB0512000
59995-64-1	See: CL5447260
60002-09-7	See: UQ8976000
60006-07-7	See: YT1550000
*60012-94-4	See: UA2458300
*60012-96-6	See: UA2452990
*60012-97-7	See: UA2458400
*60012-98-8	See: UA2458500
*60028-07-1	See: YJ9380000
*60028-09-3	See: YJ9267000
*60028-10-6	See: YJ9300090
*60028-12-8	See: YJ9269400
*60028-14-0	See: YJ9266000
*60028-16-2	See: YJ9280000
*60028-17-3	See: YJ9270307
*60028-22-0	See: YJ9269000
*60028-23-1	See: YJ9268000
*60028-24-2	See: YJ9270295
*60029-23-4	See: LQ3500100
60033-15-0	See: QK7010000
60036-90-0	See: QL5400000
60045-60-5	See: CQ7720000
60046-57-3	See: GU4757000
60048-95-5	See: QD0750000
60051-78-7	See: NL3521800
60051-79-8	See: NL3521500
60052-04-2	See: XN4320000
60070-44-2	See: PB7723000
60075-60-7	See: FG1766000
60075-61-8	See: EL4510000
60075-62-9	See: AE4243000
60075-63-0	See: FG1786000
60075-64-1	See: FG1596000
60075-65-2	See: FG1774000
60075-66-3	See: FG1778000
60075-67-4	See: FG1782000
60075-68-5	See: FG1758000
60075-69-6	See: FG1586000
60075-70-9	See: FG0440000
60075-72-1	See: FG1594000
*60075-74-3	See: FG1583000
60075-76-5	See: FG1598000
60075-77-6	See: FG1762000
60075-78-7	See: UB6700000
60075-79-8	See: FG1600000
60075-80-1	See: FG1770000
60075-81-2	See: EL4510100
60075-82-3	See: FG1592000
60075-83-4	See: FG1790000

BEST COPY AVAILABLE

CAS No.	RTECS No.
60075-84-5	See: FG1764000
60075-85-6	See: FG1590000
60075-86-7	See: FF9200000
60075-91-4	See: FG0300000
*60084-10-8	See: XJ3600000
60086-22-8	See: TM6499500
*60099-37-8	See: NI3066000
*60099-38-9	See: NI3068000
*60102-37-6	See: SE5085000
60113-07-7	See: EI2945000
60134-71-6	See: CM4300070
60145-64-4	See: PC4385000
*60151-19-1	See: NI3064000
60160-75-0	See: ST1575000
*60166-93-0	See: CZ2235000
*60168-88-9	See: UV9279400
60172-11-4	See: UU2504970
60174-20-1	See: NI5571800
*60176-43-4	See: YS6415000
*60176-46-7	See: YT3860500
*60176-50-3	See: YT3610000
*60176-51-4	See: YS6416000
*60176-54-7	See: YT9062000
*60176-55-8	See: YT9060000
*60176-57-0	See: YT9010000
*60176-58-1	See: YT8605000
60188-78-5	See: UQ0437000
60189-37-9	See: ES5618000
60192-59-8	See: KE7220000
*60197-67-3	See: CB0534600
*60197-68-4	See: CB0534800
*60198-90-5	See: UY8419400
*60198-91-6	See: UY8419200
*60207-90-1	See: XZ4620000
*60223-52-1	See: HO7282000
60227-09-0	See: OR6050000
60229-91-6	See: KF1950000
60267-40-5	See: LX0751000
60273-39-4	See: CV5010000
60274-89-7	See: CB1095500
60285-32-7	See: GU8440000
60304-25-8	See: VP3210000
60315-50-6	See: UY9500000
60315-51-7	See: UV1179800
60315-52-8	See: UY9520000
*60318-52-7	See: YD0806000
60324-95-0	See: YT7380000
*60325-46-4	See: MJ8810000
*60350-05-2	See: KH6440000
60351-50-0	See: CB9404950
60364-26-3	See: YT5600000
*60367-00-2	See: VS3585000
60373-71-9	See: DE1650000
60379-56-8	See: BP1575000
60382-78-7	See: AU0300000
*60391-92-6	See: MB9125000
*60398-22-3	See: BR1840000
60407-53-6	See: DN6825000
60407-94-5	See: HH9228000
*60414-81-5	See: UB8758000
*60415-61-4	See: ET5956100
60439-44-3	See: DI0875000
60439-45-4	See: DI0840000
60439-46-5	See: DI0875200
60439-52-3	See: CV3150000
60440-43-9	See: CB9754350
*60440-57-5	See: WZ9470000
*60448-19-3	See: DJ7940000
*60452-14-4	See: XH5097300
60452-19-9	See: OO7525000
*60452-40-6	See: OK6580000
60454-77-5	See: LW5440600
60454-78-6	See: LW5440650
60454-80-0	See: LW5440800
60454-81-1	See: LW5440400
60454-83-3	See: LW5440200
*60462-51-3	See: NC5075000
60475-97-0	See: AW1000000
60479-97-2	See: SN6475000
60480-03-7	See: TU4450000
60480-05-9	See: OB2800000
60491-27-2	See: DI0525000
60491-28-3	See: NL4900000
60491-29-4	See: NL3675000
60491-30-7	See: NL8750000
*60494-19-1	See: WH6730000
60502-30-9	See: OK8750000
60502-99-0	See: LZ4290800
*60504-57-6	See: QI9279400
*60510-57-8	See: XZ5252000
60534-69-2	See: LZ4376000
60534-70-5	See: LZ4377000
*60537-74-8	See: OK5804000
60539-17-5	See: KJ7000000
*60539-20-0	See: KL8050000
60548-27-8	See: GD7223000
60548-28-9	See: GD7180000
60548-29-0	See: GD7020000
60548-33-6	See: GD6930000
60548-34-7	See: GD6880000
60548-35-8	See: GD6860000
60548-36-9	See: GD6960000
60548-37-0	See: GD6970000
60548-38-1	See: GD7232000
60548-39-2	See: GD7195000
60548-40-5	See: GD7060000
60548-42-7	See: GD7355000
60548-43-8	See: GD7226000
60548-44-9	See: GD7190000
60548-45-0	See: GD7040000
60548-47-2	See: GD7229000
60548-48-3	See: GD6940000
60548-49-4	See: GD6890000
60548-50-7	See: GD6870000
60548-52-9	See: GD6950000
60550-78-9	See: UE4410000
60550-79-0	See: YV5950300
60550-81-4	See: AB6590000
60550-82-5	See: AC1048000
60550-83-6	See: AC0900000
60550-85-8	See: FB1300000
60550-86-9	See: FB1310000
60550-87-0	See: UE4412000
60550-88-1	See: GZ1020000
60550-89-2	See: AS3490400
60550-90-5	See: UD9276000
60550-91-6	See: YT3862000
60550-92-7	See: YT0151000
60550-93-8	See: UE3880000
60550-95-0	See: AS3491000
60550-96-1	See: GQ1260000
60550-98-3	See: RO4580000
60550-99-4	See: DV1779040
60559-94-6	See: ME8945000
60559-98-0	See: MF0175400
60560-01-2	See: MF0176000
60560-07-8	See: MF0200000
60560-09-0	See: ME8855000
60560-10-3	See: ME8935000
60560-12-5	See: ME8940000
60560-22-7	See: MF0016000
60560-26-1	See: MF0034000
60560-31-8	See: MF0175600
60560-32-9	See: MF0177000
60560-33-0	See: MF0230000
60560-38-5	See: MF0014000
60560-39-6	See: MF0038000
60560-40-9	See: MF0210000
60560-41-0	See: ME8555000
60560-43-2	See: MF0183000
60560-45-4	See: YT6000000
60560-51-2	See: YT9965000
*60561-17-3	See: UE5295000
60563-11-3	See: SA8590000
60573-87-7	See: YE1925000
*60573-88-8	See: NY2100000
60573-89-9	See: KE3850000
60573-93-5	See: SL5040000
60575-21-5	See: GA8590000
60575-22-6	See: GA8605000
60575-23-7	See: GA8710000
60575-24-8	See: GA8545000
60575-25-9	See: GA8575000
60575-26-0	See: GA8665000
60576-61-6	See: KJ4280000
*60580-30-5	See: TC5590000
*60589-06-2	See: RO0874400
60593-91-1	See: TU3836500
*60595-60-0	See: DJ3100900
*60599-38-4	See: JL9678000
60600-67-1	See: KN3620000
*60605-72-3	See: ZH0380000
60606-49-7	See: AU2977000
*60607-34-3	See: DE2276000
*60616-74-2	See: OM3560000
*60618-49-7	See: TX1474000
60627-12-5	See: KO4220000
60628-92-4	See: NI6310000
60634-41-5	See: SN5600000
60634-48-2	See: TH8826000
60634-52-8	See: KQ7525000
60634-59-5	See: WM7775000
60634-63-1	See: EZ2800000
60634-66-4	See: KE3675000
60634-68-6	See: CV8680000
60634-70-0	See: TM8750000
*60644-96-4	See: TX1488000
*60644-97-5	See: TX1487000
*60644-98-6	See: GZ1013000
*60644-99-7	See: TX1404200
*60645-00-3	See: TM6367500
*60645-01-4	See: TM6165000
*60645-02-5	See: TM6372000
60645-08-1	See: SA9800000
*60649-11-8	See: AU0830000
*60653-25-0	See: LU5700000
60657-25-2	See: DJ5009500
60660-72-2	See: HB7879000
*60662-16-0	See: KH8650000
60662-79-5	See: DA8326700
*60664-55-3	See: LU6100000
60676-82-6	See: QK4725000
60676-83-7	See: CV0700000
*60676-86-0	See: VV7320000
*60676-90-6	See: ZH8575000
*60687-93-6	See: GD2425100
*60689-64-7	See: XJ5952500
60702-13-8	See: KI4850000
60702-14-9	See: DA5400000
60702-15-0	See: DA5315000
60702-16-1	See: DA5330000
60702-17-2	See: DA5360000
60702-18-3	See: DA5380000
60702-20-7	See: DA5370000
*60705-96-6	See: NM1891800
60706-48-1	See: SP0700000
60706-49-2	See: FE6274500
60706-50-5	See: FE6277000
*60706-51-6	See: FE6273000
60706-52-7	See: SP2450000
60706-53-8	See: FE6275500
60708-65-8	See: XJ6215000
60719-83-7	See: KK2411000
*60719-84-8	See: DW2500000
60723-51-5	See: EH9105000
60723-67-3	See: DM4495000
60723-68-4	See: DM4436000
60723-71-9	See: DM4486000
60723-95-7	See: BP5450000
60723-98-0	See: BO9485000
60723-99-1	See: BO9483000
60724-04-1	See: BO9487000
60724-05-2	See: BO9483400
*60724-09-6	See: BQ2503000
60724-11-0	See: BO9486000
60730-59-8	See: CB9376615
60736-70-1	See: CY1576460
60747-87-7	See: CB9373500
60748-44-9	See: CK4438000
60748-45-0	See: CK4438200
*60752-67-2	See: FD0869000
*60752-78-5	See: FC9090000
*60752-79-6	See: FC6770000
*60752-80-9	See: EY9957000
*60752-81-0	See: FD0870000
*60752-82-1	See: FD0834600
*60752-83-2	See: FA6710000
*60752-84-3	See: FA1095000
*60752-89-8	See: FC2627100
*60752-91-2	See: CM4398800
*60752-93-4	See: FD1051000
*60752-94-5	See: CM4398600
*60752-95-6	See: FC2519000
*60752-96-7	See: EZ3493000
60761-04-8	See: RN9450000
60762-47-2	See: DE4025000
60762-50-7	See: MV4550000
60763-49-7	See: TL3440000
60763-63-5	See: HO8225000
60764-82-1	See: PC3900000
60764-83-2	See: PB5260000
60764-84-3	See: WQ2825000
60764-85-4	See: WQ2810000
60764-86-5	See: WQ2820000
60768-15-2	See: WK2284500
60768-21-0	See: WK2194000
*60771-38-2	See: TM6406500
60772-68-1	See: DG2345000
60784-24-9	See: UM0790000
60784-41-0	See: YT2860000
60784-42-1	See: YU1620000
60784-43-2	See: YU2640000
60784-44-3	See: YT9955000
60784-45-4	See: YT4565000
*60784-46-5	See: YS4986000
60784-47-6	See: YS4988000
60784-48-7	See: YS4981500
60784-70-5	See: CQ4876000
60789-87-9	See: TH9100000
60789-89-1	See: MV6475000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
60789-94-8	See: UG8925000
60789-95-9	See: QE6825000
60802-56-4	See: WK2193000
60810-43-7	See: JO6350000
60816-68-4	See: HQ1925000
60819-41-2	See: TY4910000
60819-42-3	See: TY4930000
60819-43-4	See: TY4915000
60827-45-4	See: TY4202300
60830-75-3	See: CB9626010
60830-76-4	See: GE3753000
60840-87-1	See: KI7990000
*60842-45-7	See: HG5590000
*60842-79-7	See: UP3350000
60846-14-2	See: ET0525000
60853-38-5	See: DA4795610
*60856-20-4	See: WH1321900
*60856-45-3	See: WH1320300
*60864-95-1	See: DJ5003000
60872-43-7	See: BO8785600
60880-65-1	See: CB9440000
60880-77-5	See: JZ6472000
*60883-74-1	See: WL4025300
60889-05-6	See: DJ2983000
60924-63-2	See: BT2120000
60937-64-6	See: CB9459000
60945-03-1	See: TI3967500
*60967-88-6	See: CW1780000
*60967-89-7	See: CW1783000
*60967-90-0	See: CW1795000
*60968-01-6	See: CW1778000
*60968-08-3	See: CW1777000
60976-67-2	See: MD8451000
60980-82-7	See: XJ5457550
60987-94-2	See: CV6000000
60996-85-2	See: TN4884000
*61001-30-7	See: UR0123000
*61001-31-8	See: UR0128000
*61001-36-3	See: UR0140000
*61001-42-1	See: UR0122000
61012-33-7	See: XZ3867500
*61019-78-1	See: MP4380000
*61024-28-0	See: UA2452950
61032-80-2	See: LZ5700000
61033-79-2	See: NI4808000
*61034-40-0	See: TK8230000
61036-35-9	See: OE5784512
61036-46-2	See: LZ5710000
*61036-64-4	See: WY1550000
*61066-19-1	See: KF4680400
*61066-20-4	See: KF4680200
*61066-21-5	See: KF4680800
*61066-22-6	See: KF4680600
*61083-04-3	See: BV8515650
61087-51-2	See: NS5260000
*61089-01-8	See: KF4680000
61098-46-2	See: CL5626000
61116-33-4	See: MJ8371000
61132-07-8	See: CB9965000
*61132-15-8	See: FM6102600
61134-72-3	See: YK6300000
61137-47-1	See: GU8430000
61137-48-2	See: YS4990000
61137-49-3	See: AF9190000
61137-51-7	See: YS4745000
61137-52-8	See: GU8525000
61137-56-2	See: AH7375000
61137-59-5	See: YS7606000
61137-61-9	See: YS5013000
61137-62-0	See: GU8550000
61137-63-1	See: YS4997500
61151-89-1	See: RP6792000
61152-07-6	See: RP6787000
61167-43-9	See: MF1575000
*61172-42-7	See: AH9680000
*61177-45-5	See: RN6802700
61189-86-4	See: NW7180500
61189-90-0	See: NW7472000
61189-91-1	See: NW7474000
61189-92-2	See: NW8200000
61189-93-3	See: NW7920000
61189-94-4	See: NW9000000
61189-95-5	See: NW8250000
61189-97-7	See: NW7181500
61189-98-8	See: NW7181000
61217-79-6	See: MG8050000
61221-41-8	See: JI5020000
*61230-25-9	See: CD8835000
61230-27-1	See: EK7910000
61230-31-7	See: CB9367000
61230-33-9	See: CB9376650
61241-59-6	See: OP2301000
61242-71-5	See: RB7050000
61257-02-1	See: YP0177000
61274-57-5	See: TA3700000
*61280-19-1	See: UV9104700
*61280-28-2	See: UV9104600
*61280-30-6	See: UV9103800
*61280-40-8	See: UV9103850
61287-34-1	See: FM5920000
61310-53-0	See: AT6475000
61346-85-8	See: CQ6660000
61361-38-4	See: UT2815000
*61361-58-8	See: DP1742000
*61361-59-9	See: DP1740000
*61361-60-2	See: SL5079000
*61361-61-3	See: KL6530000
*61361-62-4	See: KK8996000
61367-30-4	See: YS4995000
61371-61-7	See: RR0352000
61373-87-3	See: CD1400000
*61389-36-4	See: RB5985000
*61389-37-5	See: FF7320000
*61389-38-6	See: EZ8932000
*61389-42-2	See: AI8680000
*61389-43-3	See: CE0990000
61391-08-0	See: SL0675200
*61413-38-5	See: GC1270000
*61413-39-6	See: GC1300000
*61417-04-7	See: PB0911000
*61417-05-8	See: PB0913000
*61417-07-0	See: PB0506840
*61417-08-1	See: PB0512090
*61417-10-5	See: PB0504000
61417-47-8	See: GE5580000
61417-48-9	See: GE5575000
61425-17-0	See: CM4300130
*61443-57-0	See: DJ5009000
*61445-55-4	See: ET5708000
61450-23-5	See: CM4312100
61450-34-8	See: CM4311300
61450-37-1	See: CM4312600
61450-42-8	See: CM4312200
61450-45-1	See: AB7445000
61461-77-6	See: LL1253000
*61462-73-5	See: PB0512080
61463-03-4	See: UC1651000
61467-28-5	See: UW7696000
61467-30-9	See: UW7694000
61467-34-3	See: UW7682000
61467-36-5	See: NL7770000
61471-62-3	See: SH6477500
61471-63-4	See: DN6845000
61471-64-5	See: AI9555000
61471-65-6	See: AI8969000
61477-94-9	See: UT4810000
*61481-19-4	See: TY3700000
*61490-68-4	See: DJ8000000
61503-59-1	See: HQ1815000
61554-48-1	See: VA2453000
61554-65-2	See: VA3375000
61554-69-6	See: VA4180000
61554-95-8	See: UW5990000
61555-10-0	See: VA2456000
*61556-82-9	See: MW0190000
61556-87-4	See: KL3132000
61556-88-5	See: KL3300000
61556-91-0	See: MP0914000
61556-92-1	See: MP0912000
61556-93-2	See: MP0916000
61556-94-3	See: MP0910000
61556-95-4	See: MP0918000
61556-96-5	See: MP0917000
61556-97-6	See: MP0919000
*61566-84-5	See: LU3569170
*61567-83-7	See: RB5917500
*61567-85-9	See: RB5986000
*61567-87-1	See: RB5938000
*61567-89-3	See: CE0745000
*61583-33-3	See: NT2545000
61584-21-2	See: ME3640000
*61584-78-9	See: QQ4497000
61610-69-3	See: RO5000000
*61613-93-2	See: CB9372800
61614-71-9	See: XN4390000
61621-35-0	See: VB8650000
61622-34-2	See: XI0366000
61629-27-4	See: YR7525000
61629-60-5	See: MW5130000
*61642-43-1	See: WH1332500
61646-17-1	See: RR6430000
*61665-15-4	See: RC8943900
61689-42-7	See: UQ2465000
*61691-82-5	See: DO9205000
*61695-69-0	See: DJ7945000
*61695-70-3	See: CX4960000
*61695-72-5	See: CW5080000
61695-73-6	See: CB0570000
*61695-74-7	See: RR0877000
61702-43-0	See: SJ6305000
*61702-44-1	See: SS9000000
*61711-25-9	See: AZ0890000
61734-04-1	See: CU5180000
61734-05-2	See: CU5175000
61734-07-4	See: CU7380000
61734-08-5	See: CU7400000
61734-11-0	See: CU7050000
61734-13-2	See: CU6200000
61734-14-3	See: CU5205000
61734-15-4	See: CU4850000
61734-17-6	See: CU5215000
61734-22-3	See: CU5190000
*61734-86-9	See: EL6130000
61734-88-1	See: UB5618000
*61734-89-2	See: EL7030000
*61734-90-5	See: EL7060000
*61735-77-1	See: DI6147000
*61735-78-2	See: DI6140000
*61738-03-2	See: IA3270000
*61738-04-3	See: KR8850000
*61738-05-4	See: KR8880000
*61738-08-7	See: GC1227000
61742-10-7	See: EK7880000
61748-15-0	See: HD6305000
61775-25-5	See: AM1375000
61785-52-2	See: DF8032000
61785-54-4	See: DF8005000
61785-55-5	See: TL0710000
61785-56-6	See: TL1466000
61785-57-7	See: DF8001000
61785-70-4	See: DF8030600
61785-84-0	See: DF8027800
*61788-33-8	See: WZ6500000
*61788-72-5	See: LH8024000
61788-90-7	See: GG6035000
61789-01-3	See: LH8020000
*61789-51-3	See: QK8925000
*61789-64-8	See: QK8770000
*61789-65-9	See: BD1430000
61789-80-8	See: UZ2997000
*61790-14-5	See: QK9150000
*61791-14-8	See: KO9100000
*61791-24-0	See: KO9450000
*61791-24-0	See: KO9275000
*61799-82-4	See: QD1749000
61822-36-4	See: MI7630000
61827-74-5	See: PB0430000
*61840-09-3	See: MM5251000
*61848-66-6	See: TP2275980
*61848-70-2	See: TP2275992
*61849-15-8	See: PB8614000
*61849-16-9	See: PB8707000
*61863-05-6	See: NR3397200
*61863-52-3	See: NR3397100
*61863-53-4	See: NR3397000
*61863-54-5	See: VT4100000
*61863-55-6	See: VT3277350
*61869-07-6	See: JI1300000
*61869-07-6	See: JI1250000
61888-55-9	See: DU8330000
61888-56-0	See: DU8390000
61888-58-2	See: DU8350000
61888-59-3	See: DU8380000
61888-61-7	See: DU8235000
61888-62-8	See: DU8230000
61888-63-9	See: DU8245000
61888-64-0	See: DU8275000
61888-65-1	See: DU8285000
61888-66-2	See: DU8340000
61888-67-3	See: DV2085000
61888-68-4	See: DV8390000
61888-71-9	See: DU8260000
61888-73-1	See: DU8270000
61888-74-2	See: DV2025000
61895-33-8	See: UZ9825000
61905-84-8	See: NL6013000
61907-23-1	See: AD0330000
61912-76-3	See: OK4290000
61925-70-0	See: UH9950000
61927-06-8	See: DU8280000
*61931-80-4	See: RA5395200
61932-77-2	See: CX4910000
61940-59-8	See: UA5250000
*61947-30-6	See: WH7310000
*61949-76-6	See: GZ1251540
*61966-08-3	See: RY8450000
61969-26-4	See: GE5120000
61969-27-5	See: GE5121000
61970-31-8	See: OC3250000
61991-01-3	See: VU6306000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*61991-54-6	See: OM0848600
62018-89-7	See: EL4180000
62018-91-1	See: EK0800000
62018-92-2	See: AY4252000
62018-94-4	See: ET5953000
*62028-43-7	See: SI2410000
*62028-44-8	See: SH2156000
*62028-47-1	See: UY7380000
*62028-50-6	See: UT8563000
62031-64-5	See: VP9850000
62036-34-4	See: CU5611000
*62046-37-1	See: FB8575000
62046-52-0	See: CB9396300
62046-87-1	See: QN2890000
*62055-10-1	See: BR6517000
*62055-11-2	See: BS5338000
*62055-12-3	See: BR9808300
*62055-14-5	See: BR6811000
*62055-15-6	See: BQ6906000
*62055-16-7	See: BO2432000
*62055-17-8	See: BT5210000
*62055-18-9	See: BS4319000
*62055-19-0	See: BQ6905000
*62055-20-3	See: BO2430000
62064-66-8	See: SH0200000
62064-73-7	See: FB3977500
*62066-17-5	See: BS4319500
*62073-24-9	See: BR6810000
62083-32-3	See: SZ3850000
*62098-95-7	See: UI2517000
*62098-97-9	See: UI2516700
*62098-99-1	See: UI2516300
*62099-01-8	See: AB8137700
*62099-07-4	See: UI2517200
*62099-12-1	See: SI3827000
62101-03-5	See: BT2500000
*62106-00-7	See: AC2650000
62118-13-2	See: EY8510500
62134-40-1	See: AS6550000
62141-38-2	See: KR3500000
62143-69-5	See: DM4497000
62143-74-2	See: DM4824000
62143-78-6	See: DM4464500
62143-88-8	See: QX8520000
62144-01-8	See: NI7400000
62144-03-0	See: NI7680000
62159-90-4	See: DF2390000
62173-55-1	See: WM6650000
*62178-60-3	See: FC6635000
*62206-00-2	See: NW6659000
*62206-01-3	See: NW6630000
*62206-10-4	See: NW6640000
*62206-20-6	See: NW6662000
*62206-22-8	See: NW6660000
62207-76-5	See: GG0575000
62209-00-1	See: UM0525000
*62209-22-7	See: UY4587000
62214-18-0	See: UM5250000
62214-78-2	See: UU2504200
62229-70-3	See: RT1750000
62232-46-6	See: EJ4091000
*62238-67-9	See: NW6663000
*62246-71-3	See: TB1101500
62249-77-8	See: OL5610000
62278-78-8	See: UL8225000
62291-95-6	See: XT7100000
*62292-40-4	See: AB5820500
*62314-67-4	See: DJ5008000
62339-77-9	See: RW5707000
62339-99-5	See: WR0176000
*62362-31-6	See: LK6631700
62362-38-3	See: QG9330000
*62362-42-9	See: RS9150300
62362-43-0	See: SC6255000
*62362-59-8	See: MJ9850000
62362-65-6	See: CB9395860
62362-66-7	See: CB9631000
62374-53-2	See: OV7367500
*62393-18-4	See: TM7855000
62395-61-3	See: CB9712800
62395-66-8	See: CB9376605
62395-96-4	See: MT5700000
62399-48-8	See: BO4573000
62401-66-5	See: XH5907250
62401-69-8	See: XH5099400
62401-70-1	See: XH5099300
62401-71-2	See: XH5099500
62401-81-4	See: XH5901000
62401-82-5	See: XH5900800
62401-88-1	See: XH5098850
62401-89-2	See: XH5900400
62401-91-6	See: XH5098300
62401-93-8	See: XH5901400
62401-94-9	See: XH5098500
62401-96-1	See: XH5900200
62401-98-3	See: XH5098700
62401-99-4	See: XH5098800
62402-01-1	See: XH5099200
62402-02-2	See: XH5099100
62402-11-3	See: XH5790000
62402-12-4	See: XH5098200
*62402-31-7	See: XZ3018600
*62402-45-3	See: SH8100000
*62410-77-9	See: UK8005050
*62410-84-8	See: UK8020500
*62410-93-9	See: UK8005100
*62410-98-4	See: UK8005000
*62411-08-9	See: UK8011100
*62411-15-8	See: GY8421000
*62411-16-9	See: GY8422000
*62411-17-0	See: GY8420000
*62411-18-1	See: UK8425000
*62411-21-6	See: UK8022000
*62421-98-1	See: KD1146150
*62422-00-8	See: KD1146040
*62429-44-1	See: MJ9669100
*62429-46-3	See: MJ9652500
*62429-47-4	See: MJ9652400
62438-76-0	See: BO8050000
*62441-54-7	See: BX1230000
*62443-67-8	See: UK7893600
*62450-06-0	See: UU9351900
*62450-07-1	See: UU9354000
*62475-37-0	See: MJ9654800
62476-59-9	See: DG5643200
*62498-66-2	See: TM6537500
62522-65-0	See: DH0255000
62522-66-1	See: DH5650000
62522-67-2	See: DH5225000
62522-68-3	See: DG9150000
62522-69-4	See: DG8710000
62522-70-7	See: UC2025000
62522-71-8	See: AH6275000
62522-72-9	See: DH1320000
62522-73-0	See: DG4449500
62522-74-1	See: KI2400000
62522-75-2	See: TY6794500
*62524-93-0	See: MJ9651200
*62524-94-1	See: MI5431100
*62524-99-6	See: MI5242000
*62525-22-8	See: MI5244000
*62525-22-8	See: MI5243000
*62534-43-4	See: CT7180000
62538-21-0	See: AL8310000
62538-79-8	See: HO4665000
62538-80-1	See: HO4680000
62538-84-5	See: HO4670000
62538-89-0	See: HO4590000
62538-90-3	See: HO4600000
62538-91-4	See: HO4660000
62538-94-7	See: HO4610000
*62559-74-4	See: MI5431500
*62559-75-5	See: MJ9652200
62563-39-7	See: CB9756500
62563-68-2	See: OD1150000
*62563-96-6	See: DB1936000
*62564-09-4	See: DA9491200
*62564-12-9	See: DA9491000
*62564-17-4	See: DB1556600
*62564-19-6	See: DB1542100
*62564-21-0	See: DA9465350
*62564-24-3	See: DA9465600
*62564-25-4	See: DA9465400
*62564-26-5	See: DA9465270
*62564-27-6	See: DA9465650
*62564-32-3	See: DB1542000
*62564-33-4	See: CZ9229000
*62571-86-2	See: UY0550000
*62573-57-3	See: FC6612000
*62573-59-5	See: SL4505000
62580-72-7	See: MF5777000
*62580-80-7	See: TY8940000
62580-92-1	See: MV1687000
62580-93-2	See: MV1678000
62580-94-3	See: MV1720100
*62580-95-4	See: MV1674000
62580-96-5	See: MV1676000
62580-97-6	See: MV1672000
62581-00-4	See: KI7957000
62581-23-1	See: VD6120000
62581-31-1	See: UU6475000
62586-96-3	See: DO1300000
62586-97-4	See: DN9255000
62591-95-1	See: CB5700000
*62593-23-1	See: FC6250000
62601-66-5	See: TQ9295000
62601-68-7	See: TQ9290000
62601-71-2	See: UL2010000
62602-94-7	See: RL3280000
62624-78-6	See: EC5991250
62635-34-1	See: KK1980000
62637-93-8	See: YH2850000
62639-89-8	See: EX8928000
62639-90-1	See: EX8929000
62639-97-8	See: TA2300000
62641-66-1	See: UW7590000
*62641-67-2	See: XP2105000
*62641-68-3	See: FB2200000
62673-44-3	See: KK3400000
62673-45-4	See: KK0180000
62673-46-5	See: KK3450000
62673-47-6	See: KK0185000
62673-48-7	See: KK5050000
62673-49-8	See: KK0205000
62673-50-1	See: KL5350000
62673-51-2	See: KK0425000
62673-52-3	See: KJ8510000
62673-54-5	See: KJ8490000
62673-55-6	See: KJ8530000
62673-56-7	See: KJ8500000
62673-57-8	See: KK0200000
62673-58-9	See: KK3680000
62673-59-0	See: KK0195000
62673-60-3	See: KK0190000
62673-61-4	See: KL5300000
62673-62-5	See: KK0400000
*62681-13-4	See: FB2250000
*62695-55-0	See: MO7280000
62700-60-1	See: XI4852000
62700-61-2	See: XI4850000
62700-62-3	See: XI4845000
62700-64-5	See: XI4870000
62700-65-6	See: AU6580000
62711-92-6	See: CB9725950
62741-32-6	See: UB2700000
62751-72-8	See: NL3521000
62751-73-9	See: NL3522000
62765-57-5	See: CB9401500
*62765-90-6	See: NY8186000
62778-13-6	See: RO6825000
62782-12-1	See: HP3325000
62782-13-2	See: HP3095000
62782-69-8	See: UV9420000
*62783-47-5	See: DB1584500
*62783-48-6	See: DP4760000
*62783-49-7	See: DP4740000
*62783-50-0	See: DP4780000
62796-23-0	See: DM4866500
62816-98-2	See: TP2282000
62819-32-3	See: WK1969200
*62833-47-0	See: DB1548000
*62833-49-2	See: DB1540400
*62833-95-8	See: DH6577300
*62833-96-9	See: DH6577310
*62833-97-0	See: DH6577320
*62851-46-1	See: CL5050100
*62851-47-2	See: CL5050000
62851-48-3	See: AZ6790000
62851-49-4	See: AX9180000
62851-51-8	See: QP2725000
*62851-52-9	See: QG8450000
62851-55-2	See: QA3700000
62851-57-4	See: ME4685000
62851-59-6	See: LE8070000
62851-60-9	See: JN8726000
62851-62-1	See: GQ9200000
62851-65-4	See: XB9750000
62862-83-3	See: CB9392950
62867-47-4	See: KE6345500
62883-00-5	See: NT1999800
62885-98-7	See: UD3680000
62893-20-3	See: XI0374000
62893-48-5	See: GV8945000
62896-17-7	See: RD2300000
62896-18-8	See: RD2310000
62898-47-9	See: DF4740000
62901-99-9	See: XX8500000
62903-57-5	See: DF2030000
62903-59-7	See: DF2015000
62903-61-1	See: DF2000000
62903-63-3	See: DF1970000
62903-64-4	See: DF2700000
62903-65-5	See: DF2650000
62903-79-1	See: UR8480000
*62924-70-3	See: DA4391600
*62928-11-4	See: TP2494300
62928-48-7	See: TP2205000
62928-51-2	See: TP2230000
*62929-91-3	See: VC8296000
*62934-58-1	See: UY8420100

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*62967-27-5	See: NQ9860000
*62972-64-9	See: TM6537700
*62973-76-6	See: UV6261500
62979-76-4	See: CV6210000
62979-77-5	See: CV6170000
62979-83-3	See: CV6126000
*62979-88-8	See: CV6145000
*62979-91-3	See: CV6175000
*62979-92-4	See: CV6550000
*62979-94-6	See: CV6155000
62979-96-8	See: CV6275000
*62987-05-7	See: YQ9050000
*62988-43-6	See: TN4433120
62988-44-7	See: TN4433240
*62988-45-8	See: TN4706000
*62988-46-9	See: TN4703000
*62988-47-0	See: TN4714000
*62988-48-1	See: TN4712000
*62988-49-2	See: TN4705000
*62988-50-5	See: TN4704000
*62988-51-6	See: TN4710000
*62988-52-7	See: TN4708000
*62988-53-8	See: BO9225000
*62988-54-9	See: BO9200000
*62988-55-0	See: TN4719500
*62988-56-1	See: BP3050000
*62988-57-2	See: TN4720000
*62988-58-3	See: TM3543000
*62992-61-4	See: DG0929000
*62996-74-1	See: KD5084000
*63018-40-6	See: CV8950000
*63018-49-5	See: MB7875000
*63018-50-8	See: MB7900000
*63018-56-4	See: NQ8225000
*63018-57-5	See: CX3500000
*63018-59-7	See: CW8225000
*63018-62-2	See: CW2100000
*63018-63-3	See: CW0350000
*63018-64-4	See: CW0700000
*63018-67-7	See: CW0970000
*63018-68-8	See: CW1225000
*63018-69-9	See: CV8975000
*63018-70-2	See: CW0730000
*63018-98-4	See: DI8300000
*63018-99-5	See: CX2800000
63019-05-6	See: DP4375000
*63019-08-9	See: WJ5700000
*63019-09-0	See: WJ4723000
*63019-12-5	See: WJ6650000
*63019-14-7	See: BX7025000
*63019-25-0	See: CW1835000
*63019-29-4	See: CW5425000
*63019-32-9	See: CW7600000
*63019-34-1	See: CW7700000
*63019-42-1	See: DA9800000
*63019-46-5	See: FZ8575000
*63019-50-1	See: QX8500000
*63019-51-2	See: UV8100000
*63019-52-3	See: CU3375000
*63019-53-4	See: CU3475000
*63019-57-8	See: CM6875000
*63019-59-0	See: CU3550000
*63019-60-3	See: CU3525000
*63019-67-0	See: AB4340000
*63019-68-1	See: LL5600000
*63019-69-2	See: CW9800000
*63019-70-5	See: CX3400000
*63019-72-7	See: HN5250000
*63019-73-8	See: DJ7950000
*63019-77-2	See: CU4150000
*63019-78-3	See: TJ5425000
*63019-81-8	See: DV6250000
*63019-82-9	See: UT2100000
*63019-97-6	See: DU9800000
*63019-98-7	See: DV0175000
*63020-03-1	See: QM3275000
*63020-21-3	See: AB6220000
*63020-25-7	See: CW1400000
*63020-32-6	See: DI9860000
*63020-33-7	See: CW4550000
*63020-37-1	See: CX2700000
*63020-39-3	See: CX3325000
*63020-45-1	See: CW5250000
*63020-47-3	See: CW7875000
*63020-48-4	See: CW7950000
*63020-53-1	See: DI8750000
*63020-60-0	See: CW5950000
*63020-61-1	See: CX0525000
*63020-69-9	See: GY5300000
*63020-76-8	See: GY5350000
*63020-91-7	See: WJ3675000
*63021-00-1	See: UF2005000
*63021-11-4	See: CM8300000
*63021-32-9	See: CU3750000
*63021-33-0	See: HN1865000
*63021-35-2	See: HN1870000
*63021-43-2	See: CM8100000
*63021-45-4	See: CM8225000
*63021-46-5	See: CU4170000
*63021-47-6	See: CU4172500
*63021-48-7	See: CU4160000
*63021-49-8	See: CU4162500
*63021-50-1	See: CU4165000
*63021-51-2	See: CM8255000
*63021-62-5	See: AL1925000
*63021-67-0	See: HN5675000
63035-07-4	See: CB9376183
*63035-21-2	See: QP4985000
*63039-89-4	See: CU3800000
63039-90-7	See: TN7600000
63039-95-2	See: TN3350000
63039-96-3	See: TN3080000
63039-97-4	See: TN2490000
63039-98-5	See: TN3705000
*63040-01-7	See: CU4325000
*63040-02-8	See: CU4348000
*63040-05-1	See: CU4330000
*63040-09-5	See: FZ4050000
*63040-20-0	See: AL1400000
*63040-21-1	See: XA5260000
63040-24-4	See: DV6200000
*63040-25-5	See: DV6225000
*63040-27-7	See: WJ3750000
*63040-30-2	See: AN3675000
*63040-32-4	See: WJ4725000
*63040-43-7	See: GZ0640000
*63040-44-8	See: GZ0660000
63040-45-9	See: GY5250000
*63040-49-3	See: HN4025000
*63040-53-9	See: DI5950000
*63040-54-0	See: HO6300000
*63040-55-1	See: HO6650000
*63040-56-2	See: DI6125000
*63040-57-3	See: HO6825000
*63040-58-4	See: HO7000000
63040-63-1	See: NW9450000
*63040-64-2	See: NW9625000
63040-65-3	See: NW9800000
*63040-98-2	See: XT5600000
*63041-00-9	See: YD2E50000
*63041-01-0	See: JL9400000
*63041-05-4	See: YV7350000
*63041-07-6	See: KK7900000
*63041-14-5	See: YD2990000
*63041-15-6	See: YD3000000
*63041-19-0	See: MI9800000
*63041-23-6	See: YD3005000
*63041-25-8	See: OB1202000
*63041-30-5	See: HN3250000
63041-32-7	See: DJ4925000
63041-33-6	See: DJ4950000
*63041-43-0	See: KJ4660000
63041-44-1	See: MB9550000
*63041-48-5	See: HN3640000
*63041-56-5	See: HN4300000
*63041-61-2	See: FZ3400000
63041-62-3	See: FZ3410000
*63041-70-3	See: FZ3630000
*63041-72-5	See: HN5425000
*63041-77-0	See: DJ7440000
*63041-78-1	See: FZ4025000
*63041-80-5	See: CU0950000
*63041-83-8	See: HN5450000
*63041-84-9	See: HN5475000
*63041-85-0	See: HN5500000
*63041-88-3	See: CU1050000
*63041-90-7	See: DJ7885000
*63041-92-9	See: CU1000000
*63041-95-2	See: HO7100000
*63042-08-0	See: FG1820000
*63042-11-5	See: RP3375000
*63042-13-7	See: WM3825000
*63042-19-3	See: KG4100000
*63042-22-8	See: KG4550000
*63042-50-2	See: DI9875000
63042-64-8	See: WO9625000
*63042-68-2	See: VB6475000
*63059-68-7	See: DJ6475000
*63074-03-3	See: KK1960510
63074-12-4	See: NJ4700000
*63077-00-9	See: HO5700000
*63077-09-8	See: QL3355000
*63084-42-4	See: QI9295600
63089-76-9	See: KC1750000
*63099-98-9	See: VQ6752000
63100-47-0	See: CB9362400
*63104-32-5	See: DJ7500000
63104-33-6	See: DJ5090000
63121-00-6	See: TP2280000
63121-20-0	See: WK2295000
*63139-69-5	See: PC1223000
*63141-79-7	See: GO9300000
*63148-30-1	See: TN4701000
*63148-62-9	See: VW3380000
*63148-62-9	See: JT6485000
*63148-65-2	See: TR4955000
63170-60-5	See: NL3522100
*63190-28-3	See: NM34 '0000
63200-44-2	See: HM04[illegible]3000
63209-46-1	See: XU1840000
63224-19-1	See: AB7070000
*63224-25-9	See: ES4339510
*63224-27-1	See: ES4339500
*63224-28-2	See: ES4309320
*63224-29-3	See: ES4309300
*63224-30-6	See: ES4309310
*63224-31-7	See: LU0284000
*63224-44-2	See: AL0300000
*63224-45-3	See: QH4560000
*63224-46-4	See: XB8800000
63241-69-0	See: QK7507000
*63257-29-4	See: MP8930000
*63270-67-7	See: OO9310000
63271-35-2	See: TH9050000
*63278-33-1	See: CY1697000
63293-66-3	See: VO2170000
63307-29-9	See: QD0530000
63329-59-9	See: XH8320000
*63339-68-4	See: XN3876900
63344-94-5	See: UN1130000
63347-82-0	See: JO5040000
*63366-69-8	See: YJ9030900
*63366-69-8	See: YJ9030600
63377-07-1	See: EU2365000
63377-08-2	See: EU4010000
63377-12-8	See: EU2435000
63377-13-9	See: EU2410000
*63394-05-8	See: TX1410000
63401-08-1	See: DO5500000
*63407-59-0	See: AE1800000
*63407-60-3	See: AE3760000
*63408-86-6	See: NL5994700
63421-92-1	See: UD5579700
63421-93-2	See: UD5579800
*63428-83-1	See: RF5250000
*63434-21-9	See: UB2708000
*63449-39-8	See: RV0450000
63449-87-6	See: BQ6035000
63449-92-3	See: UV9740000
63468-05-3	See: SB3675000
63469-15-8	See: EK2525000
63473-52-9	See: FC6025000
63496-48-0	See: SN4940000
63498-28-2	See: UM9625000
63498-29-3	See: UM8225000
*63521-15-3	See: XI0384000
*63521-85-7	See: QI9295700
63543-02-2	See: MV0550000
63551-77-9	See: UK9585000
63568-77-4	See: QI9293200
63580-26-7	See: EY9400000
63582-80-9	See: RN8789000
*63583-19-7	See: SZ6500000
*63585-09-1	See: SY8200000
63595-09-5	See: VT3535000
63595-19-7	See: VT3492000
63595-22-2	See: VT2990000
63595-23-3	See: VT3456500
63595-26-6	See: VT3456900
63595-31-3	See: VT3456700
63595-32-4	See: VT3456000
63595-80-2	See: VT3278200
63595-82-4	See: VT3277600
63595-84-6	See: VT3276200
63595-85-7	See: VT3292000
63595-86-8	See: VT4040000
63595-87-9	See: VT3570000
63595-94-8	See: VT3576000
63595-96-0	See: VT4035000
63595-97-1	See: VT3530000
63595-98-2	See: VT3278000
63596-07-6	See: VT3578000
*63597-41-1	See: RG5200000
63598-46-9	See: CM4300140
63600-79-3	See: OJ9475000
63610-08-2	See: ET5955800
*63620-51-9	See: FC7745000
*63642-17-1	See: RM2983000
*63642-50-2	See: GC2010000
*63659-14-3	See: UA9821000

CAS No.	RTECS No.
*63659-19-8	See: UA9823000
*63659-22-3	See: UA9824000
*63659-27-8	See: UA9826000
*63659-29-0	See: UA9825000
*63659-34-7	See: UA9465000
*63659-35-8	See: UA9465100
*63659-41-6	See: UA9812150
*63659-45-0	See: UA9835000
63663-79-6	See: NJ5830200
63673-37-0	See: UV7920000
*63675-71-8	See: TM7751000
63679-53-8	See: UL8065000
63679-55-0	See: UL8060000
63679-56-1	See: UL8090000
63679-58-3	See: UL8105000
63679-60-7	See: UL8110000
63679-61-8	See: UL8115000
63679-63-0	See: UL8120000
63679-65-2	See: UL8160000
63679-67-4	See: UL8190000
63679-69-6	See: UL8260000
63679-71-0	See: UL8280000
63679-72-1	See: UL8300000
63679-74-3	See: UL8450000
63679-76-5	See: UL8600000
63679-78-7	See: UL8620000
63679-80-1	See: UL8640000
63679-81-2	See: UL8680000
63679-83-4	See: UL8700000
63679-84-5	See: UL8725000
63679-86-7	See: UL8750000
63679-87-8	See: UL9275000
63679-88-9	See: UL9360000
63679-90-3	See: UL9450000
63679-92-5	See: UL9625000
63679-94-7	See: UL9800000
63679-96-9	See: UL9825000
63679-98-1	See: UL9850000
63679-99-2	See: UL9900000
63680-01-3	See: UL9915000
63680-02-4	See: UL9930000
63680-04-6	See: UL9960000
63680-06-8	See: UL9990000
63680-08-0	See: UM0025000
63680-09-1	See: UM0075000
63680-10-4	See: UM0120000
63680-11-5	See: UM0205000
63680-12-6	See: UM0220000
63680-13-7	See: UM0250000
63680-15-9	See: UM0280000
63680-17-1	See: UM0300000
63680-18-2	See: UM0308000
63680-20-6	See: UM0315000
63680-25-1	See: UM0723000
63680-27-3	See: UM0830000
63680-28-4	See: UM0915000
63680-29-5	See: UM1030000
63680-30-8	See: UM1035000
63680-31-9	See: UM1050000
63680-32-0	See: UM1225000
63680-33-1	See: UM1750000
63680-34-2	See: UM1925000
63680-35-3	See: UM2380000
63680-36-4	See: UM2450000
63680-37-5	See: UM2800000
63680-38-6	See: UM2975000
63680-39-7	See: UM3150000
63680-40-0	See: UM3325000
63680-41-1	See: UM3760000
63680-43-3	See: UM3800000
63680-45-5	See: UM4000000
63680-46-6	See: UM4375000
63680-47-7	See: UM4550000
63680-49-9	See: UM5075000
63680-50-2	See: UM5600000
63680-52-4	See: UM0330000
63680-54-6	See: UM0450000
63680-56-8	See: UM0550000
63680-57-9	See: VB2700000
63680-58-0	See: VB2800000
63680-59-1	See: VB4025000
63680-60-4	See: VB4050000
63680-61-5	See: VB4700000
63680-62-6	See: VB4760000
63680-63-7	See: VB7878000
63680-64-8	See: VC2750000
63680-65-9	See: VC2760000
63680-66-0	See: VC2770000
63680-67-1	See: VC2780000
63680-68-2	See: VC2790000
63680-69-3	See: VC2840000
63680-70-6	See: VC2880000
63680-71-7	See: VC2915000
63680-73-9	See: VC2920000
63680-74-0	See: VC3150000
63680-75-1	See: FA4210000
63680-76-2	See: VC3600000
63680-77-3	See: VC3675000
*63680-78-4	See: VC3960000
*63680-79-5	See: VC3980000
*63680-80-8	See: VC4000000
63680-81-9	See: UQ4600000
63680-82-0	See: UQ4650000
63680-83-1	See: UQ4680000
63680-84-2	See: UQ4696000
63680-85-3	See: UQ4720000
63680-86-4	See: UQ4723000
63680-87-5	See: UQ4730000
63680-88-6	See: UQ4733000
63680-89-7	See: UQ4890000
63680-90-0	See: UQ5075000
63680-91-1	See: UQ5425000
63680-92-2	See: UQ6650000
63680-93-3	See: US0175000
*63680-94-4	See: US0525000
63680-95-5	See: US1787000
63680-96-6	See: US1813000
63680-97-7	See: US1970000
63680-98-8	See: US2160000
63680-99-9	See: US2200000
63681-00-5	See: US7880000
63681-01-6	See: US8925000
63681-02-7	See: UT0350000
63681-03-8	See: UT0525000
63681-05-0	See: UT1300000
63681-06-1	See: UT2810000
63681-07-2	See: UT5600000
63681-08-3	See: UT7350000
63681-09-4	See: UT8275000
63681-10-7	See: UT8300000
*63686-79-3	See: UA9822000
*63686-85-1	See: UA9816000
63690-05-1	See: QC7940000
63690-06-2	See: QC7950000
63690-07-3	See: QC7960000
63690-08-4	See: QC8000000
63690-09-5	See: CY9600000
63690-10-8	See: WM9600000
63690-11-9	See: DF4730000
63690-12-0	See: MQ4845000
63690-13-1	See: MQ4850000
63690-18-6	See: US4150000
63690-20-0	See: YV7780000
63690-21-1	See: MV1450000
63690-22-2	See: JO6950000
63690-23-3	See: UW5780000
63690-25-5	See: QC7555000
63690-26-6	See: QC7578000
63690-27-7	See: QC7615000
63690-28-8	See: QC7623000
63690-29-9	See: QC7680000
63690-30-2	See: QC7695000
63690-31-3	See: QC7790000
63690-32-4	See: QC8990000
63690-33-5	See: QC8992000
63690-35-7	See: QC9025000
63690-37-9	See: QC9050000
63690-38-0	See: QC9075000
63690-39-1	See: QD0175000
63690-41-5	See: QD0188000
63690-43-7	See: QD0195000
63690-45-9	See: QD0200000
63690-46-0	See: QD0190000
63690-47-1	See: QC9200000
63697-52-9	See: UT8243000
63700-05-0	See: OP2500000
63700-38-9	See: TR1300000
63700-39-0	See: TR1100000
63701-83-7	See: QC8980000
63701-85-9	See: QD0215000
63704-45-0	See: UW1750000
63704-46-1	See: UW2275000
63704-47-2	See: UW2625000
63704-48-3	See: UW2800000
63704-49-4	See: UW3325000
63704-50-7	See: UW3500000
63704-51-8	See: UW4025000
63704-52-9	See: UW5050000
63704-54-1	See: UW9100000
63704-55-2	See: UX1500000
63704-56-3	See: UQ0510000
63704-57-4	See: UP6700000
63704-58-5	See: UX6650000
63704-59-6	See: UX6640000
63704-60-9	See: UX7600000
63704-61-0	See: UX7610000
63704-62-1	See: UX7620000
63704-63-2	See: UX7630000
63704-66-5	See: UY0220000
*63704-67-6	See: UX4900000
*63704-79-0	See: QO2999000
63710-09-8	See: QI9283000
*63710-10-1	See: QI9279100
*63710-43-0	See: TX8257000
63715-94-6	See: QC8976000
63715-95-7	See: TZ1055000
63715-96-8	See: UA1575000
63715-97-9	See: UA4650000
63715-98-0	See: UA4670000
63715-99-1	See: UA4680000
63716-00-7	See: UA4690000
63716-01-8	See: UA5300000
63716-02-9	See: UA7180000
63716-04-1	See: UB0600000
63716-05-2	See: UB2275000
63716-06-3	See: UB3900000
63716-07-4	See: UB3910000
63716-08-5	See: UB3930000
63716-09-6	See: UB3950000
*63716-10-9	See: UB5300000
63716-11-0	See: UB5500000
63716-12-1	See: UB5660000
63716-13-2	See: UB6350000
*63716-14-3	See: UB7600000
63716-15-4	See: UB8000000
63716-16-5	See: UB8650000
63716-17-6	See: UB8790000
63716-18-7	See: EK0100000
63716-19-8	See: UB9330000
63716-20-1	See: UB9325000
63716-21-2	See: UC0560000
63716-22-3	See: UC0600000
63716-23-4	See: FD0600000
63716-25-6	See: FD1500000
63716-26-7	See: FD1600000
63716-27-8	See: FD1650000
63716-28-9	See: FD7875000
63716-29-0	See: FD8440000
63716-30-3	See: FD9000000
63716-31-4	See: FE3325000
63716-32-5	See: FE3500000
63716-33-6	See: FE4025000
63716-34-7	See: FE4200000
63716-35-8	See: FE4375000
63716-36-9	See: FE4550000
63716-37-0	See: FE4900000
63716-38-1	See: UB7350000
63716-39-2	See: UB6790000
*63716-40-5	See: UA7510000
*63716-41-6	See: UB5600000
63716-42-7	See: UB3850000
63716-46-1	See: VD6205000
63716-47-2	See: VD6475000
63716-49-4	See: CQ1747000
63716-52-9	See: TE0240000
63716-53-0	See: TD8520000
63716-54-1	See: VC4011000
63716-55-2	See: VC4012000
63716-56-3	See: VC4375000
63716-58-5	See: VC4650000
63716-59-6	See: VC4725000
63716-60-9	See: VC4950000
63716-61-0	See: VC5425000
63716-62-1	See: VC5950000
63716-63-2	See: VC6475000
63716-64-3	See: VC6825000
63716-65-4	See: VC7000000
63716-67-6	See: VC8050000
63716-68-7	See: VC8460000
63716-69-8	See: VC8480000
63716-70-1	See: VC8500000
63716-71-2	See: VC8520000
63716-72-3	See: VC8540000
63716-73-4	See: VC8560000
63716-74-5	See: VC8580000
63716-75-6	See: VC8600000
63716-76-7	See: VD4670000
63716-77-8	See: VD4630000
63716-79-0	See: VD4680000
63716-81-4	See: VD4780000
63716-82-5	See: VD4800000
63716-83-6	See: VD4950000
63716-84-7	See: VD6020000
63716-85-8	See: VD6070000
63716-86-9	See: VD6100000
63716-87-0	See: VD6110000
63716-88-1	See: VD6130000
63716-89-2	See: VD6140000
63716-90-5	See: VD6150000
63716-91-6	See: VD6160000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
63716-92-7	See: VD6170000
63716-93-8	See: VD6180000
63716-94-9	See: VD6190000
63716-95-0	See: CY1688000
63716-96-1	See: VD6550000
63716-97-2	See: UY5860000
63716-99-4	See: UY1880000
63717-00-0	See: UY7430000
63717-01-1	See: VA1580000
63717-02-2	See: VA2150000
63717-03-3	See: VA2450000
63717-04-4	See: VA5250000
63717-05-5	See: GD2921000
63717-06-6	See: GD2916000
63717-07-7	See: GD2918000
63717-08-8	See: GD2910000
63717-09-9	See: GD2912000
63717-10-2	See: GD2924000
63717-11-3	See: GD2920000
63717-12-4	See: GD2914000
63717-13-5	See: GD2922000
63717-14-6	See: VA9700000
63717-15-7	See: VA9900000
63717-16-8	See: UY7400000
*63717-17-9	See: TD8270000
63717-18-0	See: TE0550000
63717-19-1	See: TE6340000
63717-20-4	See: TE6499500
63717-21-5	See: TE8620000
63717-22-6	See: TE6484000
63717-23-7	See: TE6482400
63717-24-8	See: TE6485000
63717-25-9	See: TE648800E
63717-26-0	See: TE6489500
*63717-27-1	See: TE6493000
63717-28-2	See: TE6496500
63717-29-3	See: TE6498500
63717-30-6	See: TE6499000
63717-31-7	See: VC4900000
63717-32-8	See: VC6125000
63717-33-9	See: VC6300000
63717-34-0	See: VC6650000
63717-35-1	See: VC7175000
63717-36-2	See: VC7350000
63717-37-3	See: VC7700000
63722-05-4	See: BS0270000
63722-09-8	See: UU2595000
63729-82-8	See: QC7570000
63729-83-9	See: QC7670000
63729-84-0	See: QC8975000
63729-85-1	See: QC9150000
63731-83-9	See: UV1015000
63731-84-0	See: UV1020000
63731-85-1	See: UV1030000
63731-86-2	See: UV1042000
63731-87-3	See: UV1044000
63731-88-4	See: UV1046000
63731-89-5	See: UV1163000
63731-90-8	See: UC6479000
63731-91-9	See: SI2450000
63731-92-0	See: UV6320000
*63731-93-1	See: UV6400000
63731-94-2	See: UV7700000
63731-95-3	See: UV7900000
63731-96-4	See: UV8118000
63731-97-5	See: UV8130000
63731-98-6	See: UV8133000
63731-99-7	See: UV8138000
63732-00-3	See: UV9300000
63732-01-4	See: UW0500000
63732-02-5	See: UW0512000
63732-03-6	See: UW0519000
63732-05-8	See: NW7471000
63732-06-9	See: NX1300000
63732-07-0	See: EC4890000
63732-08-1	See: OO0620000
63732-12-7	See: EJ4725000
63732-13-8	See: XN0225000
63732-14-9	See: XN0275000
63732-15-0	See: XN0250000
63732-16-1	See: UY1422030
63732-17-2	See: EJ6590000
63732-18-3	See: EJ7350000
63732-19-4	See: EJ9625000
63732-20-7	See: EK2500000
63732-21-8	See: EK2800000
63732-23-0	See: EK6150000
63732-24-1	See: EK6175000
63732-25-2	See: EK6561000
63732-[illegible]	See: TM2765500
63732-27-4	See: EK0700000
63732-28-5	See: EK4725000
63732-29-6	See: EK2100000
63732-30-9	See: EJ9100000
63732-31-0	See: ED5970000
63732-33-2	See: QD0245000
63732-34-3	See: QD0290000
63732-35-4	See: QD0295000
63732-36-5	See: QD0320000
63732-37-6	See: QD0330000
63732-38-7	See: QD0340000
63732-39-8	See: QD0385000
63732-40-1	See: QD0405000
63732-41-2	See: QD0440000
63732-43-4	See: QD0590000
63732-44-5	See: QD0670000
63732-45-6	See: QD0720000
63732-46-7	See: QD0723000
63732-47-8	See: QD0725000
63732-48-9	See: QD0728000
63732-50-3	See: QD0731000
63732-51-4	See: QD0732000
63732-52-5	See: QD0762000
63732-54-7	See: QD0765000
63732-55-8	See: QD0770000
63732-56-9	See: QD0800000
63732-57-0	See: QD0840000
63732-58-1	See: QD0860000
63732-59-2	See: QD0890000
63732-60-5	See: QD0975000
63732-61-6	See: QD0980000
63732-62-7	See: QD1052500
63732-63-8	See: QD1060000
63732-64-9	See: QD1425000
63732-65-0	See: QD1450000
63732-66-1	See: QD1590000
63732-67-2	See: QD1598000
63732-68-3	See: QD1602000
63732-69-4	See: QD1607000
63732-70-7	See: QD1609000
63732-71-8	See: QD1520000
63732-72-9	See: QD1630000
63732-73-0	See: QD1640000
63732-74-1	See: QD1670000
63732-75-2	See: QD1724000
63732-77-4	See: QD1738000
63732-78-5	See: QD1741000
63732-79-6	See: QD1743000
63732-81-0	See: QD1746000
63732-83-2	See: QD1758000
63732-84-3	See: QD1760000
63732-85-4	See: QD1763000
63732-86-5	See: QD1766000
63732-87-6	See: QD1769000
63732-88-7	See: QD1772000
63732-89-8	See: QD1775000
63732-90-1	See: QD1783000
63732-91-2	See: QD1793000
63732-92-3	See: QD1800000
63732-93-4	See: QD1803000
63732-94-5	See: QD1806000
63732-95-6	See: QD1810000
63732-97-8	See: QD1816000
63732-98-9	See: EB2990000
63739-93-5	See: YX9821000
63743-72-6	See: QD0275000
63743-73-7	See: QD0310000
63743-75-9	See: QD0420000
63743-76-0	See: QD1780000
63744-48-9	See: FE3850000
63744-49-0	See: FE4725000
63744-50-3	See: TY7767000
63744-51-4	See: UA4640000
63744-52-5	See: UA5790000
63744-53-6	See: UA9100000
63744-54-7	See: UB3940000
63744-55-8	See: UB5650000
63744-56-9	See: UB6300000
63744-57-0	See: CO1746000
63747-97-7	See: VM2850000
*63748-54-9	See: TP2509100
63762-70-9	See: VN7260000
*63762-74-3	See: AB5750000
*63762-75-4	See: UE3240000
*63762-76-5	See: ES4306100
63765-62-8	See: TN1270000
63765-63-9	See: UV1035000
63765-64-0	See: QD1608000
63765-65-1	See: QD1778000
63765-66-2	See: QD1813000
63765-67-3	See: UV7200000
63765-68-4	See: EE0350000
63765-69-5	See: KJ5140000
63765-70-8	See: KJ5800000
63765-71-9	See: KJ6600000
63765-72-0	See: KJ7525000
63765-74-2	See: KJ8400000
63765-75-3	See: KJ0100000
63765-76-4	See: MO5950000
63765-77-5	See: MO8225000
63765-78-6	See: MO8330000
63765-79-7	See: MO8925000
63765-80-0	See: MO9100000
63765-81-1	See: MO9275000
63765-82-2	See: MO9450000
63765-83-3	See: MO9625000
63765-84-4	See: MO9800000
63765-85-5	See: MP2100000
63765-86-6	See: MP3400000
63765-87-7	See: MP3450000
*63765-88-8	See: MP3500000
63765-89-9	See: MP3550000
63765-90-2	See: MQ5260000
63765-91-3	See: MQ5340000
63765-92-4	See: MQ5950000
63765-93-5	See: MQ5960000
63765-94-6	See: MQ6040000
63765-95-7	See: MS3100000
63765-96-8	See: MU0525000
63765-97-9	See: MU0875000
63765-98-0	See: MU2625000
63765-99-1	See: MU3150000
63766-00-7	See: QJ1800000
63766-01-8	See: QJ5305000
63766-02-9	See: QJ7020000
63766-03-0	See: QJ7040000
63766-04-1	See: QJ7055000
63766-05-2	See: QJ7070000
63766-06-3	See: QJ7085000
63766-08-5	See: QJ9010000
63766-09-6	See: QJ9330000
63766-10-9	See: QJ9350000
63766-11-0	See: QJ9375000
63766-12-1	See: QJ9400000
63766-13-2	See: QJ9425000
63766-14-3	See: QK0830000
63766-15-4	See: QK3150000
63766-16-5	See: QK3500000
63766-17-6	See: QK7060000
63766-18-7	See: QK7080000
63766-19-8	See: QK7100000
63766-20-1	See: QK7110000
63766-21-2	See: QK7112000
63766-22-3	See: QK7114000
63766-23-4	See: QK7118000
63766-24-5	See: QK7126000
63766-25-6	See: QK7130000
63766-26-7	See: QK7136000
63766-27-8	See: QK7146000
63766-28-9	See: QK7160000
63766-29-0	See: QK7162000
63766-30-3	See: QK7164000
63766-31-4	See: QK7166000
63766-32-5	See: QK7168000
63766-33-6	See: QK7172000
63766-34-7	See: QK0820000
63766-35-8	See: QK0750000
63766-36-9	See: QK7040000
63768-16-1	See: DD4150000
63779-86-2	See: DK9340000
63782-89-8	See: QC8955000
63783-49-3	See: EK1600000
63783-51-7	See: QD0300000
63783-52-8	See: QC5690000
63783-53-9	See: QD0740000
63783-54-0	See: QD0970000
63783-55-1	See: QD1594000
63783-56-2	See: QD1715000
63783-57-3	See: QD1755000
63783-82-4	See: SF7941980
63784-88-3	See: QK0840000
63785-57-9	See: UD4210000
63798-15-2	See: WH2760000
63798-16-3	See: QJ3325000
63798-17-4	See: MQ4950000
63798-18-5	See: MS3125000
63798-92-5	See: CB9754105
63798-93-6	See: CB9754500
63813-36-5	See: QD0880000
63813-37-6	See: QD1728000
63814-06-2	See: MP2625000
63814-07-3	See: MP2800000
63815-31-6	See: UF4775000
63815-32-7	See: UF5075000
63815-33-8	See: UF5300000
63815-34-9	See: UF6300000
63815-36-1	See: UF6740000
63815-37-2	See: UG0875000
63815-38-3	See: UG2900000
63815-39-4	See: UG3325000

BEST COPY AVAILABLE

CAS No.	RTECS No.
63815-40-7	See: UG5075000
63815-41-8	See: UG8850000
63815-42-9	See: UH1660000
*63815-43-0	See: UH1850000
63815-44-1	See: UH2000000
*63815-45-2	See: UH2050000
63815-46-3	See: UH2055000
63815-47-4	See: UH2070000
63815-48-5	See: UH2075000
63815-49-6	See: UH2085000
*63815-50-9	See: TA9050000
63815-52-1	See: TB0525000
63815-53-2	See: SZ6260000
*63815-54-3	See: TB1470000
63815-55-4	See: TB4610000
63815-56-5	See: TB4670000
*63815-57-6	See: TB4700000
*63815-58-7	See: TB4980000
*63815-59-8	See: TB6050000
63815-60-1	See: TB4500000
63833-90-9	See: LU9170000
63833-92-1	See: SN5775000
63833-93-2	See: SN5950000
63833-94-3	See: SN6125000
63833-95-4	See: SN6300000
63833-96-5	See: SN6340000
63833-97-6	See: SN6380000
*63833-98-7	See: SN7000000
63833-99-8	See: SN7600000
63834-00-4	See: SN8760000
63834-01-5	See: SO0700000
63834-02-6	See: SO2450000
63834-03-7	See: SO3675000
63834-04-8	See: SO6650000
63834-05-9	See: SO7175000
63834-07-1	See: SN6000000
63834-08-2	See: SP0220000
63834-09-3	See: SP0260000
63834-10-6	See: SP0660000
63834-12-8	See: SP0680000
63834-13-9	See: SP1050000
63834-14-0	See: SP1820000
63834-16-2	See: SN6310000
63834-17-3	See: SP4300000
63834-18-4	See: SP5075000
63834-19-5	See: SP4550000
*63834-20-8	See: SP7000000
63834-21-9	See: SP7875000
63834-23-1	See: AB7780000
63834-24-2	See: MI8575000
63834-25-3	See: MI9450000
63834-26-4	See: MJ0100000
63834-27-5	See: MJ0525000
63834-28-6	See: MJ1225000
63834-29-7	See: MJ1420000
63834-30-0	See: MJ2100000
63834-31-1	See: MJ4200000
63834-32-2	See: MJ4375000
63834-33-3	See: MJ6125000
63834-34-4	See: MJ7000000
63834-35-5	See: MJ7175000
63834-36-6	See: MJ7185000
63834-37-7	See: MJ8000000
63834-38-8	See: MJ8925000
63834-40-2	See: MK0900000
63834-41-3	See: MK0902000
63834-42-4	See: MK0904000
63834-43-5	See: MK2100000
63834-44-6	See: VC5900000
63834-46-8	See: MO1195000
63834-47-9	See: MN9625000
63834-48-0	See: MN9800000
63834-49-1	See: MO0175000
63834-50-4	See: MO0350000
63834-51-5	See: MO0700000
63834-52-6	See: MO1200000
63834-53-7	See: MO1300000
63834-54-8	See: WO8950000
63834-55-9	See: MO4200000
63834-56-0	See: TY3350000
63834-57-1	See: TY3375000
63834-58-2	See: TY3400000
63834-59-3	See: TY3425000
63834-60-6	See: TY3450000
63834-61-7	See: TY3510000
63834-62-8	See: TY3776000
63834-63-9	See: TY3890000
63834-64-0	See: TY3900000
63834-65-1	See: TY3910000
63834-66-2	See: TY3920000
63834-67-3	See: TY4220000
63834-68-4	See: TY4380000
63834-69-5	See: TY4395000
63834-70-8	See: TY4397500
63834-71-9	See: TY4410000
63834-72-0	See: TY4420000
63834-73-1	See: TY4430000
63834-74-2	See: TY4450000
63834-75-3	See: TY5305000
63834-76-4	See: TY5325000
63834-77-5	See: TY5343000
63834-78-6	See: TY5360000
63834-79-7	See: TY5370000
63834-80-0	See: TY6310000
63834-81-1	See: TY6404000
63834-82-2	See: TY6408000
63834-83-3	See: TY6412000
63834-84-4	See: TY6415000
63834-85-5	See: TY6418000
63834-86-6	See: TY6710000
63834-87-7	See: MJ1500000
63834-88-8	See: UH1000000
63834-89-9	See: UH2060000
*63845-30-7	See: OB4541000
*63845-31-8	See: OB4571080
*63845-32-9	See: OB1598500
*63845-41-0	See: NM0961500
*63845-42-1	See: NM1304000
63848-89-5	See: MJ4025000
63848-90-8	See: UF6150000
*63855-88-9	See: DP0773800
63864-78-8	See: MP3150000
63867-06-1	See: TM1825000
63867-07-2	See: ET1880000
63867-08-3	See: ES7960000
*63867-09-4	See: ES8050000
63867-10-7	See: ES8140000
63867-11-8	See: ES8400000
*63867-12-9	See: ES9010000
63867-13-0	See: ES9450000
63867-14-1	See: ES9800000
63867-15-2	See: ET0300000
63867-16-3	See: ET6500000
63867-17-4	See: ET1800000
63867-18-5	See: ET3060000
63867-19-6	See: ET3065000
63867-20-9	See: ET3150000
63867-21-0	See: ET3630000
63867-22-1	See: ET5775000
63867-23-2	See: ET5950000
63867-24-3	See: ET6000000
63867-25-4	See: ET9275000
63867-26-5	See: ET9800000
63867-27-6	See: ET9850000
63867-28-7	See: EU3920000
63867-29-8	See: EU3940000
63867-30-1	See: EU3970000
63867-31-2	See: EU4800000
63867-33-4	See: RO2625000
63867-34-5	See: RO5075000
63867-35-6	See: RO5775000
63867-36-7	See: RO5950000
63867-37-8	See: RO6300000
63867-38-9	See: RO6475000
63867-39-0	See: RO7000000
63867-40-3	See: RO7175000
63867-41-4	See: RO7350000
63867-42-5	See: RO7700000
63867-43-6	See: RP0700000
63867-44-7	See: RP1050000
63867-45-8	See: RP1750000
63867-46-9	See: RP1925000
63867-47-0	See: RP2190000
63867-48-1	See: RP5800000
63867-49-2	See: RP5850000
63867-50-5	See: RP6640000
63867-51-6	See: RP6670000
*63867-52-7	See: KK7400000
63867-54-9	See: TM1050000
63867-55-0	See: TM1800000
63867-56-1	See: TM2500000
63867-57-2	See: TM2800000
63867-58-3	See: TM3000000
63867-59-4	See: TM3400000
63867-60-7	See: TM4297500
63867-61-8	See: TM4725000
63867-62-9	See: TM4800000
63867-63-0	See: TM4925000
63867-64-1	See: TM4950000
63867-65-2	See: TM5000000
63867-66-3	See: TM5025000
63867-67-4	See: TM5032000
63867-68-5	See: TM5075000
63867-69-6	See: TM5600000
63867-70-9	See: TM6400000
63867-71-0	See: TM6550000
63867-72-1	See: TM7070000
63867-73-2	See: TM7080000
63867-74-3	See: TM7090000
63867-75-4	See: TM7110000
63867-76-5	See: TM7120000
63867-77-6	See: TM7300000
63867-78-7	See: TM7310000
63867-79-8	See: TM7330000
63867-80-1	See: TM7875000
*63867-81-2	See: TM8575000
63867-82-3	See: TM8925000
63867-83-4	See: TM9100000
63867-84-5	See: TM9360000
63867-86-7	See: QD1835000
63867-87-8	See: QD1840000
63867-89-0	See: QD1850000
63867-91-4	See: QD1855000
63867-92-5	See: QD1865000
63867-93-6	See: QD1870000
63867-94-7	See: QD1875000
63867-96-9	See: QD1895000
63867-98-1	See: QD1905000
63868-00-8	See: QD1915000
63868-01-9	See: QD1935000
63868-02-0	See: QD1940000
63868-04-2	See: QD1945000
63868-05-3	See: QD1950000
63868-06-4	See: QD1955000
63868-07-5	See: QD1960000
63868-08-6	See: QD1965000
63868-10-0	See: QD1970000
63868-11-1	See: QD1975000
63868-12-2	See: QD1985000
63868-13-3	See: QD2015000
63868-15-5	See: QD2020000
63868-17-7	See: QD2025000
63868-19-9	See: QD2027500
63868-21-3	See: QD2030000
63868-22-4	See: QD2038000
63868-23-5	See: QD2045000
63868-24-6	See: QD2050000
63868-26-8	See: QD2055000
63868-28-0	See: QD2060000
63868-29-1	See: QD2070000
63868-30-4	See: QD2078000
63868-32-6	See: QD2095000
63868-33-7	See: QD2105000
63868-34-8	See: QD2115000
63868-35-9	See: QD2130000
63868-36-0	See: QD2150000
63868-37-1	See: QD2200000
63868-38-2	See: QD2350000
63868-39-3	See: QD2550000
63868-40-6	See: QD2700000
63868-41-7	See: QD2890000
63868-42-8	See: QD2930000
63868-43-9	See: QD3200000
63868-44-0	See: QD3250000
63868-45-1	See: QD4400000
63868-46-2	See: QD5440000
63868-47-3	See: QD5460000
63868-48-4	See: QD5480000
63868-49-5	See: QD6825000
63868-51-9	See: QD7875000
63868-52-0	See: QD8225000
63868-53-1	See: QD8925000
63868-54-2	See: QD9625000
63868-55-3	See: QE0350000
63868-56-4	See: QE0525000
63868-57-5	See: QE0700000
63868-58-6	See: QE0960000
63868-59-7	See: QE1400000
63868-60-0	See: QE1925000
63868-61-1	See: QE2100000
*63868-62-2	See: QE2450000
63868-63-3	See: QE2800000
63868-64-4	See: QE2975000
63868-65-5	See: QE3080000
63868-66-6	See: QE4375000
63868-67-7	See: QE4725000
63868-68-8	See: QE5160000
63868-69-9	See: TH8460000
63868-70-2	See: TH8750000
63868-71-3	See: TH8800000
63868-72-4	See: TH8807500
63868-73-5	See: TH8839000
63868-74-6	See: TH8847500
*63868-75-7	See: TH8850000
63868-76-8	See: TH8970000
63868-77-9	See: TI4300000
63868-78-0	See: TJ7730000
63868-79-1	See: TJ7760000
63868-80-4	See: TJ7790000
63868-81-5	See: TJ7820000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*63868-82-6	See: TJ7859000
*63868-82-6	See: TJ7860000
63868-84-8	See: NJ5045000
*63868-85-9	See: TK6025000
63868-89-3	See: KJ2140000
63868-90-6	See: OS1225000
63868-91-7	See: SQ7329000
63868-92-8	See: XY5050000
63868-93-9	See: OV5600000
63868-94-0	See: OV5775000
*63868-95-1	See: OV6400000
63868-96-2	See: OV7800000
63868-98-4	See: OV7855000
63869-00-1	See: OV7915000
63869-01-2	See: OV9450000
63869-02-3	See: OV9625000
*63869-03-4	See: OW1575000
*63869-04-5	See: OW4950000
*63869-05-6	See: OW5850000
*63869-06-7	See: OW7350000
*63869 07-8	See: OW6350000
*63869-08-9	See: OX0800000
*63869-09-0	See: OZ2800000
63869-10-3	See: OZ4800000
63869-11-4	See: OZ6825000
*63869-12-5	See: PA2700000
63869-14-7	See: PB4510000
*63869-15-8	See: PA2000000
63869-16-9	See: NI9720000
*63869-17-0	See: RG5300000
63869-18-1	See: RG8840000
63869-19-2	See: RG9100000
63869-20-5	See: SZ9900000
63869-22-7	See: SZ8551000
63869-24-9	See: SZ8590000
63869-26-1	See: SZ8810000
63869-27-2	See: SZ9000000
63869-28-3	See: SZ9050000
63869-29-4	See: TA0450000
63869-30-7	See: TA1750000
*63869-31-8	See: TA5620000
*63869-33-0	See: TA7490000
63869-36-3	See: PB4910000
63869-37-4	See: PB7525000
63869-38-5	See: PB7740000
63869-39-6	See: PB7780000
63869-40-9	See: PB7820000
63869-41-0	See: PB7900000
63869-42-1	See: PB7940000
63869-43-2	See: PB8020000
63869-44-3	See: PB8060000
63869-45-4	See: PB9080500
63869-46-5	See: PB8140000
63869-47-6	See: PB8180000
63869-48-7	See: PB8340000
63869-49-8	See: PB8460000
63869-50-1	See: PB8510000
63869-51-2	See: PB8570000
63869-52-3	See: PB8620000
63869-53-4	See: PB8655000
63869-54-5	See: PB8665000
63869-55-6	See: XO0569000
63869-56-7	See: XO0570000
63869-57-8	See: XO0580000
63869-58-9	See: XO0590000
63869-59-0	See: XO0595000
63869-60-3	See: XO0600000
63869-61-4	See: XO0625000
63869-62-5	See: XO0627000
63869-63-6	See: XO0635000
63869-64-7	See: XO0558000
63869-65-8	See: XO0640000
63869-67-0	See: XO0650000
63869-69-2	See: XO0660000
63869-71-6	See: XO0665000
63869-72-7	See: XO0670000
63869-73-8	See: XO0675000
63869-74-9	See: XO0680000
63869-75-0	See: XO0681000
63869-76-1	See: XO0682000
63869-77-2	See: XO0685000
63869-78-3	See: XO0690000
63869-79-4	See: XO0760000
63869-80-7	See: XO0761000
63869-81-8	See: XO0765000
63869-82-9	See: XO0770000
63869-83-0	See: XO0775000
63869-84-1	See: XO0772000
63869-85-2	See: XO6600000
63869-86-3	See: XP0700000
*63869-87-4	See: XQ7225000
63869-88-5	See: XS7000000
63869-89-6	See: XS7175000
63869-91-0	See: XP0875000
63869-92-1	See: RI3150000
63869-93-2	See: KM2935000
63869-94-3	See: UP8650000
63869-95-4	See: ES9550000
63869-96-5	See: UU9781000
63869-97-6	See: UY4556000
63869-98-7	See: QF3345000
63869-99-8	See: TN5951630
63870-00-8	See: BR3170000
63870-01-9	See: DL0625000
63870-02-0	See: DL0650000
63870-03-1	See: FD3525000
63870-04-2	See: GT9900000
63870-06-4	See: PF6825000
63870-07-5	See: PB9040000
63870-08-6	See: PB9030000
63870-09-7	See: PB9015000
63870-10-0	See: PB9010000
63870-11-1	See: PB8990000
63870-12-2	See: PB8935000
63870-13-3	See: PB8895000
63870-14-4	See: PB8820000
63870-15-5	See: PB8710000
63870-16-6	See: PB8705000
63870-17-7	See: XO6900000
*63883-18-1	See: HQ4135000
*63883-19-2	See: HQ4130000
63884-21-9	See: TN4460000
63884-22-0	See: TN4455000
63884-23-1	See: TN4500000
63884-24-2	See: TM2993000
63884-25-3	See: TN4630000
63884-27-5	See: TN4790000
63884-28-6	See: TN4850000
*63884-30-0	See: TN4976000
*63884-31-1	See: TN4977000
63884-32-2	See: TQ0875000
63884-33-3	See: DK2230000
63884-34-4	See: BR0345000
63884-35-5	See: MV3550000
63884-36-6	See: MV4725000
63884-37-7	See: MV5461000
63884-38-8	See: MV6350000
63884-39-9	See: MV8300000
63884-40-2	See: MW1050000
63884-41-3	See: MW5603000
63884-42-4	See: MX5250000
63884-43-5	See: MX6740000
63884-44-6	See: MX8750000
63884-45-7	See: MX8925000
63884-46-8	See: BR0160000
63884-47-9	See: FA0525000
63884-48-0	See: FA1400000
63884-49-1	See: FA2060000
63884-50-4	See: FA2800000
63884-51-5	See: MX4300000
63884-52-6	See: MU9100000
63884-53-7	See: MU9530000
63884-54-8	See: MU9625000
63884-55-9	See: MV0430000
63884-57-1	See: MV1925000
63884-58-2	See: MV2960000
63884-59-3	See: EZ6980000
63884-60-6	See: EZ7200000
63884-61-7	See: EZ7230000
63884-63-9	See: EZ8738000
63884-65-1	See: EZ8925000
63884-66-2	See: EZ8935000
63884-67-3	See: EZ9055000
63884-68-4	See: EZ9085000
63884-69-5	See: EZ9180000
63884-70-8	See: EZ9190000
63884-71-9	See: EZ9200000
63884-72-0	See: EZ9250000
63884-73-1	See: EZ9400000
63884-74-2	See: EZ9421000
63884-75-3	See: EZ9420000
63884-77-5	See: EY0700000
63884-78-6	See: EY4375000
63884-79-7	See: EY8260000
63884-80-0	See: EY8500000
63884-81-1	See: EY8740000
63884-82-2	See: EY8850000
63884-83-3	See: EY9150000
63884-84-4	See: EY9350000
63884-85-5	See: EZ0700000
63884-87-7	See: EZ1300000
63884-88-8	See: EZ1330000
63884-89-9	See: EZ1370000
63884-90-2	See: EZ1750000
63884-91-3	See: EZ1925000
63884-92-4	See: EZ2275000
63884-93-5	See: EZ2450000
63884-94-6	See: AK8255000
63884-95-7	See: AL0930000
63884-96-8	See: AL0990000
63884-97-9	See: AL8130000
63884-98-0	See: AL8750000
63884-99-1	See: AL9900000
63885-00-7	See: UY5040000
*63885-01-8	See: ZG9160000
63885-02-9	See: ZH1050000
63885-04-1	See: TR0950000
63885-05-2	See: SY9670000
63885-06-3	See: MF1300000
*63885-07-4	See: MF8410000
63885-10-9	See: TN0175000
63885-11-0	See: TN1100000
63885-12-1	See: TN1300000
63885-13-2	See: TN2235000
63885-15-4	See: TN3150000
63885-16-5	See: TN4241000
63885-17-6	See: TN4245000
63885-18-7	See: TN4250000
63885-19-8	See: TN4260000
63885-20-1	See: ME8660000
63885-21-2	See: ME8750000
*63885-23-4	See: MF2465000
63885-24-5	See: MF2625000
63885-25-6	See: MF3600000
63885-26-7	See: MF4550000
63885-27-8	See: MF4900000
63885-28-9	See: MF5075000
63885-29-0	See: MF6300000
63885-30-3	See: MF7350000
*63885-32-5	See: UV0362300
63885-33-6	See: UV0960000
63885-34-7	See: UV1010000
63885-37-0	See: UV0890000
63885-38-1	See: UV0970000
63885-39-2	See: UV0983000
63885-40-5	See: UV0990000
63885-41-6	See: UV1000000
63885-42-7	See: UV0362500
63885-43-8	See: UV0363000
63885-44-9	See: UV0364000
63885-45-0	See: UV1005000
63885-46-1	See: UU9633000
63885-52-9	See: UU9783000
63885-53-0	See: UU9820000
63885-64-3	See: UV0160000
63885-66-5	See: UV0315000
63885-67-6	See: UV0361000
63885-68-7	See: UV0361500
63885-70-1	See: UU8173000
63885-71-2	See: UU8176000
63885-72-3	See: UU8180000
63885-73-4	See: UU8183000
63885-74-5	See: UU8186000
63885-75-6	See: UU8190000
63885-76-7	See: UU8193000
63885-77-8	See: UU8196000
63885-78-9	See: UU8200000
63885-79-0	See: UU8203000
63885-80-3	See: UU8206000
63885-81-4	See: UU8208000
63885-82-5	See: UU8210000
63885-83-6	See: UU8212000
63885-84-7	See: UU8215000
63885-85-8	See: UU8220000
63885-86-9	See: UU8425000
63885-87-0	See: UU8450000
63885-88-1	See: UU8475000
63885-89-2	See: UU8500000
63885-90-5	See: UU8540000
63885-91-6	See: UU9360000
63885-92-7	See: UY5810000
63885-93-8	See: UY5820000
63885-94-9	See: UY5719000
63885-95-0	See: UU7965000
63885-96-1	See: UU7970000
63885-97-2	See: UU7980000
63885-98-3	See: UU8106000
63885-99-4	See: UU8112000
63886-00-0	See: UU8123000
63886-01-1	See: UU8126000
63886-02-2	See: UU8130000
63886-03-3	See: UU8133000
63886-04-4	See: UU8136000
63886-05-5	See: UU8143000
63886-06-6	See: UU8146000
63886-07-7	See: UU8150000
63886-08-8	See: UU8153000
63886-09-9	See: UU8156000
63886-10-2	See: UU8160000
63886-11-3	See: UU8166000

BEST COPY AVAILABLE

CAS No.	RTECS No.
63886-12-4	See: UU8170000
63886-13-5	See: UY4385000
63886-14-6	See: UY4390000
63886-15-7	See: UY4400000
63886-16-8	See: UY4410000
63886-17-9	See: UY4420000
63886-18-0	See: UY4567000
63886-19-1	See: UY4570000
63886-20-4	See: UY4590000
63886-21-5	See: UY4620000
63886-22-6	See: UY5000000
63886-23-7	See: UY5010000
63886-24-8	See: UY5030000
63886-25-9	See: UY5735000
63886-26-0	See: UY5775000
63886-27-1	See: UY5783000
63886-28-2	See: UY2530000
63886-29-3	See: UY2535000
63886-30-6	See: UY2550000
63886-31-7	See: UY2555000
63886-32-8	See: UY2560000
63886-33-9	See: UY2565000
63886-34-0	See: UY2572000
63886-35-1	See: UY2580000
63886-36-2	See: UY2585000
63886-37-3	See: UY2600000
63886-38-4	See: UY2625000
63886-39-5	See: UY2700000
63886-40-8	See: UY2750000
63886-41-9	See: UY2800000
63886-43-1	See: UY3500000
63886-44-2	See: UY4290000
63886-45-3	See: UY4337500
63886-46-4	See: UY4340000
63886-47-5	See: UY4345000
63886-48-6	See: UY4355000
63886-49-7	See: UY4365000
*63886-50-0	See: SZ4025000
63886-51-1	See: SZ7020000
*63886-52-2	See: SZ4550000
63886-53-3	See: SZ4900000
*63886-54-4	See: SZ5425000
63886-55-5	See: SZ6200000
*63886-56-6	See: UY1225000
63886-57-7	See: UY1235000
63886-58-8	See: UY1255000
63886-59-9	See: UY2510000
63886-60-2	See: UY2515000
63886-61-3	See: UY2520000
63886-62-4	See: UY2525000
63886-69-1	See: SY9400000
63886-70-4	See: SZ0178000
63886-71-5	See: CV5735000
63886-72-6	See: UW5781000
63886-75-9	See: SS8575000
*63886-77-1	See: ST4025000
63886-80-6	See: NJ5101500
63886-81-7	See: XI4425000
63886-82-8	See: SY6300000
63886-84-0	See: CV3325000
63886-91-9	See: CV4202500
63886-92-0	See: CV4345000
63886-93-1	See: CV4365000
63886-94-2	See: CV4525000
63886-95-3	See: CV4700000
63886-96-4	See: CV2345000
63886-97-5	See: CV2363000
63886-98-6	See: CV2365000
63886-99-7	See: CV2370000
63887-00-3	See: CV2390000
63887-01-4	See: CV2410000
63887-02-5	See: CV2415000
63887-03-6	See: CV2420000
63887-04-7	See: CV2425000
63887-06-9	See: CV2432500
63887-08-1	See: CV2440100
63887-10-5	See: CV2443000
63887-12-7	See: CV2443500
63887-14-9	See: CV2540000
63887-15-0	See: CV2800000
63887-16-1	See: CV2975000
63887-17-2	See: CU8970000
63887-18-3	See: CU8985000
63887-19-4	See: CU9000000
63887-20-7	See: CU9100000
63887-21-8	See: CU9275000
63887-22-9	See: CU9450000
63887-23-0	See: CU9800000
63887-24-1	See: CV0175000
63887-25-2	See: CV0525000
63887-26-3	See: CV0875000
63887-27-4	See: CV1050000
63887-28-5	See: CV1225000
63887-29-6	See: CV1400000
63887-30-9	See: CV1575000
63887-31-0	See: CV1750000
63887-32-1	See: CV1925000
63887-33-2	See: CV2100000
63887-34-3	See: CV2300000
63887-35-4	See: TN4990000
63887-36-5	See: TN5150000
63887-37-6	See: TN5190000
63887-38-7	See: TN5210000
63887-39-8	See: TN5230000
63887-40-1	See: TN5500000
63887-41-2	See: TN5520000
63887-42-3	See: TN5540000
63887-43-4	See: TN5560000
63887-44-5	See: TN5580000
63887-46-7	See: TN5951500
63887-47-8	See: TN5985000
63887-48-9	See: CU7875000
63887-49-0	See: CU8700000
63887-50-3	See: CU8840000
63887-51-4	See: CU8880000
63887-52-5	See: CU8940000
63887-53-6	See: CU8955000
63901-43-9	See: UR6508000
*63903-03-7	See: UT5023500
63903-46-8	See: QD1880000
63903-47-9	See: QD1990000
63903-48-0	See: QD2000000
63903-49-1	See: QD2010000
63903-50-4	See: TJ3150000
63903-51-5	See: TJ3325000
63903-52-6	See: OT0500000
63903-53-7	See: PB7860000
63903-54-8	See: PB7980000
63903-55-9	See: PB8100000
63903-56-0	See: PB8260000
63903-57-1	See: PB8300000
63903-58-2	See: PB8380000
63903-60-6	See: PB8520000
63903-61-7	See: PB8590000
63903-62-8	See: PB8630000
63903-63-9	See: PB8636000
63903-64-0	See: PB9055000
63903-65-1	See: PB9050000
63903-66-2	See: PB9045000
63903-67-3	See: PB9020000
63903-68-4	See: PB8980000
63903-69-5	See: PB8975000
63903-70-8	See: PB8970000
63903-71-9	See: PB8965000
63903-72-0	See: PB8960000
63903-73-1	See: PB8950000
63903-74-2	See: PB8930000
63903-75-3	See: PB8910000
63903-76-4	See: PB8870000
63903-77-5	See: PB8740000
63903-78-6	See: PB8730000
*63904-81-4	See: AK9450000
*63904-82-5	See: ZH9050000
63904-83-6	See: ZG9530000
63904-84-7	See: TP2498000
63904-85-8	See: AH1845000
63904-86-9	See: AK1400000
63904-87-0	See: NU3675000
63904-88-1	See: RO6125000
*63904-89-2	See: SZ8560000
63904-90-5	See: TA3325000
63904-92-7	See: QD2085000
63904-94-9	See: QD1890000
63904-95-0	See: QD0345000
63904-96-1	See: ET2100000
63904-97-2	See: ET3325000
63904-98-3	See: ET2975000
63904-99-4	See: ET2800000
63905-00-0	See: ET2450000
63905-01-1	See: RO6650000
63905-02-2	See: RO8575000
63905-03-3	See: QD8500000
63905-04-4	See: PB8530000
63905-05-5	See: PF7350000
63905-06-6	See: PB9272500
63905-07-7	See: TS8800000
63905-09-9	See: TX3150000
63905-11-3	See: TX4125000
63905-12-4	See: TX3600000
*63905-13-5	See: TX8225000
63905-14-6	See: TY1400000
63905-15-7	See: TY2030000
63905-16-8	See: TY2150000
63905-17-9	See: TY2300000
63905-18-0	See: TY2350000
63905-19-1	See: TY2400000
63905-20-4	See: TY2450000
63905-21-5	See: TY2710000
63905-22-6	See: TY2730000
63905-23-7	See: TY2740000
63905-24-8	See: TY2750000
63905-25-9	See: TY3160000
63905-26-0	See: TY3170000
63905-27-1	See: TY2090000
63905-28-2	See: AU6550000
*63905-29-3	See: AU8925000
63905-30-6	See: AV0525000
63905-31-7	See: AY3150000
63905-32-8	See: AY4550000
63905-33-9	See: AY4900000
63905-34-0	See: BA5600000
63905-35-1	See: BA5775000
63905-36-2	See: BA5950000
63905-37-3	See: BA6030000
63905-38-4	See: BA6125000
63905-39-5	See: BA6475000
63905-40-8	See: BA6650000
63905-41-9	See: BA6825000
63905-43-1	See: CZ8970000
*63905-44-2	See: UH9875000
63905-45-3	See: NI8600000
63905-46-4	See: NQ4900000
63905-47-5	See: NQ9200000
63905-48-6	See: NR3550000
63905-49-7	See: NR3625000
63905-50-0	See: NS0400000
63905-51-1	See: US4640000
63905-52-2	See: US5640000
63905-53-3	See: NS2450000
*63905-54-4	See: NS5425000
63905-56-6	See: NS5600000
63905-57-7	See: NR4725000
63905-58-8	See: SH3925000
63905-59-9	See: SH2448000
63905-60-2	See: NT9450000
63905-61-3	See: NT9625000
63905-62-4	See: NI9200000
63905-63-5	See: DV7400000
63905-64-6	See: NW7160000
63905-65-7	See: NW7525000
63905-66-8	See: NW7700000
63905-67-9	See: NW8750000
63905-69-1	See: NX0430000
63905-70-4	See: NX0470000
63905-71-5	See: NX0870000
63905-72-6	See: NX1225000
63905-73-7	See: NX1400000
63905-74-8	See: NX1575000
63905-75-9	See: AH0250000
63905-77-1	See: AH1225000
63905-78-2	See: QJ1240000
63905-79-3	See: QJ1250000
63905-80-6	See: AH2450000
63905-81-7	See: AH2530000
63905-82-8	See: AH3200000
63905-83-9	See: AH3410000
63905-84-0	See: AH5330000
*63905-85-1	See: AH6475000
63905-86-2	See: AH6650000
63905-87-3	See: AH7400000
63905-88-4	See: AH8050000
63905-89-5	See: AH8225000
*63905-90-8	See: AH9275000
63905-91-9	See: UT8350000
63905-92-0	See: UT8440000
63905-93-1	See: UT8480000
63905-94-2	See: UT8550000
63905-95-3	See: UT8750000
63905-96-4	See: UT8925000
63905-97-5	See: UU1450000
63905-98-6	See: UU4017000
63905-99-7	See: UU2470000
63906-00-3	See: UU2505000
63906-01-4	See: UU2508000
63906-02-5	See: UU2510000
63906-03-6	See: UU2513000
63906-04-7	See: UU2516000
63906-05-8	See: UU2520000
63906-06-9	See: UU2540000
*63906-07-0	See: UU2542000
63906-08-1	See: UU2560000
63906-09-2	See: UU2625000
63906-10-5	See: UU3150000
63906-11-6	See: UU3500000
63906-12-7	See: UU3860000
63906-13-8	See: UU3865000
*63906-14-9	See: UU3875300
63906-15-0	See: UU3920000
63906-16-1	See: UU3950000
63906-17-2	See: UU3970000

BEST COPY

CAS No.	RTECS No.
63906-18-3	See: UU5300000
63906-19-4	See: UU6650000
63906-20-7	See: UU6700000
63906-21-8	See: UU6740000
63906-22-9	See: UU6780000
63906-23-0	See: UU7100000
63906-24-1	See: UU7882000
63906-25-2	See: UU7900000
63906-26-3	See: UU7910000
63906-27-4	See: UU7920000
63906-28-5	See: UU7930000
63906-29-6	See: UU7935000
63906-30-9	See: UU7945000
63906-31-0	See: UU7950000
63906-32-1	See: UU7955000
63906-33-2	See: UU7960000
63906-34-3	See: AI3060000
63906-35-4	See: AI3240000
63906-36-5	See: AI3585000
63906-37-6	See: AF2575000
63906-38-7	See: AI6300000
*63906-39-8	See: AI7250000
63906-40-1	See: AI8400000
63906-41-2	See: AI9000000
63906-42-3	See: AI9660000
63906-43-4	See: AI9680000
63906-44-5	See: AJ2288000
63906-45-6	See: AJ2300000
63906-46-7	See: AJ3200000
63906-47-8	See: AJ3240000
63906-48-9	See: AJ3270000
*63906-49-0	See: AJ3935000
*63906-50-3	See: AJ4025000
63906-51-4	See: AJ5950000
63906-52-5	See: AJ6350000
63906-53-6	See: AJ6890000
63906-54-7	See: XF6200000
63906-55-8	See: XF9625000
*63906-56-9	See: XG6900000
63906-57-0	See: XH2360000
63906-59-2	See: XH2375000
63906-60-5	See: XH2385000
63906-61-6	See: XH2400000
63906-62-7	See: XH2470000
63906-63-8	See: XH2480000
63906-64-9	See: XH4970000
63906-66-1	See: XH5091000
63906-67-2	See: XH5093000
63906-69-4	See: XH8700000
*63906-70-7	See: XI2850000
63906-71-8	See: XI3715000
63906-72-9	See: XI4725000
63906-73-0	See: XM3000000
63906-74-1	See: XM3071000
63906-75-2	See: XJ1400000
63906-76-3	See: XJ2625000
63906-78-5	See: CV4910000
63906-79-6	See: CV5260000
63906-80-9	See: CV5300000
63906-81-0	See: CV5360000
63906-82-1	See: CV5375000
63906-83-2	See: CV5520000
63906-85-4	See: CV5540000
63906-86-5	See: CV5560000
63906-87-6	See: CV5775000
63906-88-7	See: CV5788000
63906-90-1	See: RG0188000
63906-91-2	See: XH8650000
63906-92-3	See: XF1750000
63906-93-4	See: XF1925000

CAS No.	RTECS No.
63906-94-5	See: US5605000
63906-95-6	See: NI4807500
63906-97-8	See: RA6300000
*63906-98-9	See: RA6825000
63906-99-0	See: RA7525000
63907-00-6	See: RB5930000
63907-01-7	See: RB6590000
63907-02-8	See: RB6600000
63907-03-9	See: RB6620000
63907-04-0	See: RB6850000
63907-05-1	See: RB6920000
63907-06-2	See: RB6940000
63907-07-3	See: RB8500000
63907-08-4	See: RB8840000
63907-10-8	See: RD1400000
63907-11-9	See: RG1880000
63907-12-0	See: RG1590000
63907-13-1	See: NI9700000
63907-14-2	See: NJ2450000
63907-15-3	See: NJ3675000
63907-16-4	See: NJ4730000
63907-17-5	See: NJ4735000
63907-18-6	See: NJ4740000
63907-19-7	See: NJ4745000
63907-20-0	See: NJ4750000
63907-21-1	See: NJ4760000
63907-22-2	See: NJ4770000
63907-23-3	See: NJ4785000
63907-24-4	See: NJ4800000
63907-27-7	See: NJ5800000
63907-28-8	See: NJ5810000
*63907-29-9	See: NJ6150000
*63907-30-2	See: NJ6410000
*63907-31-3	See: NJ6430000
63907-32-4	See: TU0960000
63907-33-5	See: OU9650000
63907-34-6	See: AI2200000
63907-35-7	See: TM9800000
63907-36-8	See: TN4000000
63907-37-9	See: TP8630000
63907-39-1	See: EZ4300000
63907-40-4	See: RD8120000
*63907-41-5	See: QX0700000
*63907-83-5	See: XY2800000
63915-46-8	See: PB8645000
63915-48-0	See: MF2550000
63915-49-1	See: CY1698000
63915-51-5	See: TL3562000
*63915-52-6	See: HY4375000
63915-53-7	See: HZ8970000
63915-54-8	See: HZ9100000
63915-55-9	See: HZ9200000
63915-56-0	See: IA1000000
63915-57-1	See: IA2450000
63915-58-2	See: IA2900000
63915-59-3	See: XK9800000
63915-60-6	See: IA3850000
63915-63-9	See: HQ4400000
63915-65-1	See: HQ6740000
63915-66-2	See: HQ6855000
63915-67-3	See: HQ6925000
63915-68-4	See: HQ6935000
63915-69-5	See: HQ6945000
63915-70-8	See: HP3070000
63915-72-0	See: HP4960000
63915-73-1	See: HP5000000
*63915-76-4	See: VZ0580000
*63915-77-5	See: VZ0600000
63915-78-6	See: WG2150000
63915-79-7	See: TN4920000

CAS No.	RTECS No.
63915-80-0	See: UU8223000
63915-81-1	See: UY2590000
63915-82-2	See: TN6240000
63915-83-3	See: UU8140000
63915-84-4	See: UY4950000
63915-85-5	See: UV0980000
63915-86-6	See: UC6510000
63915-88-8	See: UD4550000
63915-89-9	See: UE3030000
63915-90-2	See: UE3090000
63915-91-3	See: UE3155000
63915-92-4	See: UE3160000
63915-93-5	See: UE3168000
63915-94-6	See: UE3175000
63915-95-7	See: UE3200000
63915-96-8	See: UE4500000
63915-98-0	See: UE4575000
63915-99-1	See: UE4725000
63916-00-7	See: UE5075000
63916-01-8	See: UE5100000
63916-02-9	See: UE5250000
63916-03-0	See: UE5300000
63916-04-1	See: UE5335000
63916-05-2	See: UE5370000
63916-06-3	See: UE5400000
63916-07-4	See: UE5650000
63916-08-5	See: UE6395000
63916-09-6	See: UA2451000
63916-10-9	See: UE7000000
63916-11-0	See: UE8500000
63916-12-1	See: UE9625000
63916-13-2	See: TN6050000
63916-14-3	See: TN6070000
63916-16-5	See: TN6080000
63916-17-6	See: TN6090000
63916-18-7	See: TN6110000
63916-19-8	See: TN6120000
*63916-20-1	See: TN6158000
63916-21-2	See: TN6210000
63916-22-3	See: TN6220000
63916-23-4	See: CU7585000
63916-24-5	See: TN6830000
63916-25-6	See: TN6832010
63916-26-7	See: TN6832030
63916-27-8	See: TN6832040
63916-28-9	See: TN6832060
63916-29-0	See: TN6872000
63916-30-3	See: TN6873000
63916-31-4	See: TN6875000
63916-32-5	See: TN6885000
63916-33-6	See: TN6890000
63916-34-7	See: TN6895000
63916-35-8	See: TN6900000
63916-36-9	See: TN6905000
63916-37-0	See: TN6910000
63916-38-1	See: TN6915000
63916-39-2	See: TN6920000
63916-40-5	See: TN6925000
63916-41-6	See: TN6930000
63916-42-7	See: TN6935000
63916-43-8	See: TN6940000
63916-44-9	See: TN6945000
63916-45-0	See: TN6950000
63916-46-1	See: TN6960000
63916-47-2	See: TN6965000
63916-48-3	See: TN6970000
63916-49-4	See: TN6975000
63916-50-7	See: TN6980000
63916-51-8	See: TN6990000
63916-52-9	See: TN7570000

CAS No.	RTECS No.
63916-53-0	See: TN7800000
63916-54-1	See: GV6680000
63916-55-2	See: TN2325000
63916-56-3	See: TN2322000
63916-57-4	See: WQ3825000
63916-59-6	See: TO2625000
63916-60-9	See: DF4738000
63916-61-0	See: DF4732000
63916-62-1	See: DF4736000
63916-63-2	See: DF4734000
63916-64-3	See: DG4450000
63916-65-4	See: DG4456000
63916-66-5	See: DG4462000
63916-67-6	See: DG4463000
63916-68-7	See: DG4470000
63916-69-8	See: DG4500000
63916-70-1	See: DG4995000
63916-70-1	See: DG4985000
63916-71-2	See: DG5120000
63916-72-3	See: DG5680000
63916-73-4	See: DG5800000
63916-74-5	See: DG8750000
63916-75-6	See: DG8925000
63916-76-7	See: DG9000000
63916-77-8	See: DG9050000
63916-78-9	See: DG9870000
63916-79-0	See: DG9880000
63916-80-3	See: DG9900000
*63916-81-4	See: DH1345000
63916-82-5	See: DH1370000
*3916-83-6	See: DH1450000
63916-84-7	See: DH1500000
63916-85-8	See: DH2470000
63916-86-9	See: DH2480000
63916-87-0	See: DH2490000
63916-88-1	See: DH3000000
63916-89-2	See: DH3050000
63916-90-5	See: DH3070000
63916-91-6	See: DH3080000
63916-92-7	See: DH3100000
63916-93-8	See: DH3200000
63916-94-9	See: DH3220000
63916-95-0	See: DH3550000
*63916-96-1	See: OG3160000
*63916-97-2	See: OG3750000
*63916-98-3	See: OG6125000
63916-99-4	See: OH0320000
*63917-01-1	See: OH2275000
63917-02-2	See: OH4900000
63917-03-3	See: OI1750000
63917-04-4	See: OK8575000
63917-05-5	See: ON0350000
*63917-06-6	See: ON1050000
*63917-07-7	See: ON2200000
63917-08-8	See: OO0600000
63917-09-9	See: OO0750000
63917-11-3	See: OO3750000
63917-12-4	See: OC4025000
63917-13-5	See: OO6700000
63917-15-7	See: OO7365000
63917-16-8	See: OO7380000
63917-17-9	See: OO7930000
63917-18-0	See: OO8000000
63917-19-1	See: AE2080000
63917-24-8	See: XJ1255000
63917-25-9	See: IH4375000
63917-26-0	See: YS9815000
63917-27-1	See: UW3050000
63917-28-2	See: VA2140000
63917-29-3	See: IP8925000

BEST COPY AVAILABLE

CAS No.	RTECS No.
63917-30-6	See: AE2160000
63917-31-7	See: AE2280000
63917-32-8	See: AE2285000
63917-33-9	See: QE1780000
63917-34-0	See: UO8445000
63917-35-1	See: TX1408000
63917-38-4	See: TM3175000
63917-39-5	See: RA8505000
63917-40-8	See: YK4550000
63917-42-0	See: WQ3815000
63917-43-1	See: JH3150000
63917-44-2	See: JH3325000
63917-45-3	See: JH3500000
63917-46-4	See: JH4025000
63917-47-5	See: JH4200000
63917-48-6	See: JH6825000
63917-49-7	See: JI2500000
63917-50-0	See: DE8007000
63917-52-2	See: DE8018000
63917-53-3	See: DE8020000
63917-54-4	See: DE8023000
63917-55-5	See: DE8047000
63917-56-6	See: DE9350000
63917-58-8	See: DF7730000
63917-59-9	See: DF7770000
63917-60-2	See: DF7790000
63917-61-3	See: DF7810000
63917-62-4	See: DF7895000
63917-63-5	See: DF7920000
63917-64-6	See: DF7930000
63917-65-7	See: DF7940000
63917-66-8	See: DF7950000
63917-67-9	See: DF7960000
63917-68-0	See: DF7970000
63917-69-1	See: DF7980000
63917-70-4	See: DF9330000
63917-71-5	See: DF9460000
63917-72-6	See: DF9470000
63917-73-7	See: DF9480000
63917-74-8	See: DG1000000
63917-75-9	See: DG1600000
63917-76-0	See: DG2000000
63917-77-1	See: DG2350000
63917-78-2	See: DG2360000
63917-79-3	See: DG2900000
63917-80-6	See: DG3150000
63917-81-7	See: DG4300000
63917-82-8	See: KQ8050000
63917-83-9	See: KQ8120000
63917-84-0	See: KQ8450000
63917-85-1	See: KQ8750000
63917-86-2	See: KQ8925000
63917-87-3	See: YE0775000
63917-88-4	See: KQ9130000
63917-89-5	See: KQ9450000
63917-90-8	See: KQ9625000
63917-91-9	See: KQ9800000
63917-92-0	See: KQ9850000
63917-93-1	See: KR0175000
63917-94-2	See: YE1180000
63917-95-3	See: KR0700000
63917-96-4	See: YE1190000
63917-97-5	See: KR1225000
63917-98-6	See: KR1400000
63917-99-7	See: KR1550000
63918-00-3	See: YE1125000
63918-01-4	See: KR1750000
63918-02-5	See: KR1925000
63918-03-6	See: KR3000000
63918-04-7	See: KR3200000
63918-05-8	See: KR3400000
63918-06-9	See: KR3530000
63918-07-0	See: KR3560000
63918-08-1	See: KR3850000
63918-09-2	See: KR5250000
63918-10-5	See: KR5425000
63918-11-6	See: KR5500000
63918-12-7	See: KR6000000
63918-13-8	See: KR6030000
63918-14-9	See: KR6090000
63918-15-0	See: KR6350000
63918-16-1	See: KR6390000
63918-17-2	See: KR6700000
63918-18-3	See: KR7120000
63918-19-4	See: KR7140000
63918-21-8	See: GW0350000
63918-22-9	See: KR8050000
63918-23-0	See: KR8450000
63918-24-1	See: KR8490000
63918-25-2	See: KR9320000
63918-26-3	See: KR9625000
63918-27-4	See: KR9700000
63918-28-5	See: KR9750000
63918-29-6	See: KR9770000
63918-30-9	See: KR9800000
63918-31-0	See: KS0350000
63918-32-1	See: EO3407000
63918-33-2	See: ES9470000
63918-34-3	See: JO0700000
63918-35-4	See: KV2450000
63918-36-5	See: KV2625000
63918-38-7	See: CM9625000
63918-39-8	See: KX5950000
63918-41-2	See: UR5800000
63918-42-3	See: LL5700000
63918-43-4	See: LL5800000
63918-44-5	See: LL6020000
63918-45-6	See: LL6120000
63918-46-7	See: LL6320000
63918-47-8	See: KV3140000
63918-48-9	See: KV4900000
63918-49-0	See: KV6825000
*63918-50-3	See: KV7525000
63918-51-4	See: KW0350000
63918-52-5	See: KW0525000
63918-55-8	See: KX5425000
63918-56-9	See: HO2975000
63918-57-0	See: HO5750000
63918-60-5	See: HP1600000
63918-61-6	See: HP1627000
63918-62-7	See: HP1815000
63918-63-8	See: HP1820000
*63918-65-0	See: HN6300000
63918-66-1	See: HN7350000
63918-68-3	See: HN8750000
63918-69-4	See: HN8825000
63918-70-7	See: HN8850000
63918-71-8	See: HN8900000
63918-72-9	See: HN9100000
63918-73-0	See: HN9450000
63918-74-1	See: HN9625000
63918-75-2	See: HN9800000
63918-76-3	See: HO1140000
63918-77-4	See: HO1650000
63918-78-5	See: KO0720000
63918-79-6	See: KO1400000
63918-80-9	See: KO8400000
63918-81-0	See: KQ7460000
*63918-82-1	See: HN1850000
*63918-83-2	See: HN1925000
63918-84-3	See: GV5600000
*63918-85-4	See: KL7950000
*63918-86-5	See: KM0100000
63918-87-6	See: DO6425000
63918-88-7	See: KM2880000
63918-89-8	See: KN1400000
*63918-91-2	See: KN3240000
63918-92-3	See: KN3325000
63918-93-4	See: KN3400000
63918-94-5	See: GU7725000
63918-95-6	See: KN8830000
63918-96-7	See: DH1480000
*63918-97-8	See: OG6427000
*63918-97-8	See: OG6425000
*63913-98-9	See: UE1575000
63918-99-0	See: DG6300000
*63919-00-6	See: IM2275000
63919-01-7	See: KL1400000
63919-02-8	See: KN9500000
*63919-03-9	See: KO2100000
63919-04-0	See: KO2800000
63919-06-2	See: KQ7730000
63919-07-3	See: XJ5425750
63919-09-5	See: UX6420000
63919-10-8	See: NJ4755000
63919-11-9	See: UV0986000
63919-12-0	See: XH5865000
63919-13-1	See: NX0525000
*63919-14-2	See: ZH8050000
63919-15-3	See: NI9800000
63919-16-4	See: NS0720000
63919-17-5	See: TP2285000
63919-18-6	See: OO1255000
63919-19-7	See: TP5850000
*63919-21-1	See: LJ8400000
63919-22-2	See: LJ8575000
63919-25-5	See: TA1450000
63919-26-6	See: JF7525000
*63927-84-4	See: XF7472200
*63931-09-9	See: UV1173200
*63931-11-3	See: UV1173050
*63937-14-4	See: OW4060000
63937-16-6	See: FL5340000
63937-17-7	See: FL5775000
63937-18-8	See: FL7050000
63937-20-2	See: FM7875000
63937-21-3	See: KH8590000
63937-23-5	See: DK9550000
63937-24-6	See: NJ7030000
63937-25-7	See: VA9621000
63937-26-8	See: GY6400000
63937-27-9	See: GY7175000
63937-28-0	See: GY7225000
63937-29-1	See: GY7250000
63937-30-4	See: GY7275000
63937-31-5	See: GY7300000
*63937-32-6	See: GZ1225000
*63937-33-7	See: NX5072500
63937-36-0	See: NX5085000
63937-37-1	See: NX5088000
63937-39-3	See: NX5095000
*63937-47-3	See: NX5110000
63937-48-4	See: NX5003000
63937-49-5	See: NX5005000
63937-50-8	See: NX5010000
63937-51-9	See: NX5013000
63937-54-2	See: NX5020000
63937-55-3	See: NX5025000
63937-56-4	See: NX5030000
63937-57-5	See: NX5035000
63937-58-6	See: NX5040000
63937-59-7	See: NX5045000
63937-60-0	See: NX5050000
63937-61-1	See: NX5055000
63937-62-2	See: NX5060000
63937-63-3	See: NX5061000
63937-68-8	See: NX5071000
63937-70-2	See: NX4920000
63937-71-3	See: NX4925000
63937-73-5	See: NX4930000
63937-74-6	See: NX4935000
63937-75-7	See: NX4940000
63937-76-8	See: NX4945000
63937-77-9	See: NX4950000
63937-78-0	See: NX4955000
63937-79-1	See: NX4960000
63937-80-4	See: NX4965000
63937-82-6	See: NX4970000
63937-83-7	See: NX4975000
63937-84-8	See: NX4980000
63937-85-9	See: NX4985000
63937-86-0	See: NX4990000
63937-87-1	See: NX4992000
63937-89-3	See: NX4996000
63937-90-6	See: NX2275000
63937-91-7	See: NX2450000
63937-92-8	See: NX2625000
63937-93-9	See: NX2800000
63937-94-0	See: NX3500000
63937-95-1	See: NX3850000
63937-96-2	See: NX4200000
63937-97-3	See: NX4375000
63937-98-4	See: NX4550000
63937-99-5	See: NX4750000
63938-00-1	See: NX4770000
63938-01-2	See: NX4790000
63938-02-3	See: NX4810000
63938-03-4	See: NX4830000
63938-04-5	See: NX4850000
63938-05-6	See: NX4902000
63938-06-7	See: NX4905000
63938-07-8	See: NX4910000
63938-09-0	See: UC6620000
*63938-10-3	See: KH8000000
*63938-11-4	See: MA0600000
63938-12-5	See: LV2075000
63938-13-6	See: LZ8750000
*63938-14-7	See: GD8225000
63938-15-8	See: GE0200000
63938-16-9	See: GE0350000
63938-17-0	See: GE2370000
*63938-20-5	See: GE8350000
63938-21-6	See: GB8100000
63938-23-8	See: GD7175000
63938-24-9	See: KE2100000
*63938-25-0	See: KE2450000
63938-26-1	See: KE6300000
63938-27-2	See: KF1760000
63938-28-3	See: KF1770000
63938-29-4	See: KF1780000
63938-30-7	See: KF1800000
63938-31-8	See: KH4550000
63938-32-9	See: KH5570000
63938-33-0	See: KH5795000
63938-34-1	See: KH5950000
63938-35-2	See: KH6125000
63938-36-3	See: KH6360000
63938-37-4	See: KI1400000
63938-38-5	See: MB9160000
63938-39-6	See: MC0350000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*63938-40-9	See: MC0570000
*63938-41-0	See: MC0580000
*63938-42-1	See: MC0590000
63938-43-2	See: MC5310000
63938-44-3	See: MC5360000
63938-45-4	See: LV1800000
63938-46-5	See: LV2000000
63938-47-6	See: LV2030000
63938-48-7	See: LV2050000
63938-49-8	See: LX3180000
63938-50-1	See: LY3500000
63938-51-2	See: MA0875000
63938-52-3	See: MA2100000
63938-53-4	See: MA2110000
63938-54-5	See: MA4250000
63938-55-6	See: NL5425060
63938-56-7	See: NL6125000
63938-58-9	See: NL9275000
63938-59-0	See: NM1100000
63938-60-3	See: NL9470000
63938-61-4	See: NL4725000
63938-62-5	See: NL6020000
63938-63-6	See: NL6825000
63938-64-7	See: NL7000000
63938-65-8	See: NL7800000
63938-66-9	See: NL7830000
63938-67-0	See: NL8575000
63938-68-1	See: NM0700000
63938-70-5	See: NM1575000
63938-71-6	See: NN5775000
63938-72-7	See: NN6125000
63938-74-9	See: NN6650000
63938-75-0	See: DG9883000
63938-76-1	See: DF7830000
63938-77-2	See: KR2275000
63938-78-3	See: KR3630000
63938-79-4	See: UE5180000
63938-82-9	See: TN6140000
63938-83-0	See: TN6832020
63938-84-1	See: TN6832050
63938-85-2	See: TN6955000
63938-86-3	See: TN7100000
63938-87-4	See: TN7650000
63938-88-5	See: DH3520000
63938-89-6	See: KV7000000
63938-90-9	See: XJ5131825
63938-91-0	See: LL5920000
*63938-92-1	See: FG2625000
*63938-93-2	See: AJ4690000
63938-94-3	See: FH4600000
63938-95-4	See: FK5250000
63938-96-5	See: GA5950000
63938-97-6	See: GA6120000
63938-98-7	See: GA1750000
63939-00-4	See: GA3325000
63939-01-5	See: GA3850000
63939-03-7	See: GA4375000
63939-05-9	See: GA4900000
63939-06-0	See: GA5075000
63939-07-1	See: GA5600000
63939-12-8	See: NY9950500
63941-74-2	See: LZ5055000
63944-10-5	See: AR7145400
63949-98-4	See: AY4725000
63949-99-5	See: RD5180000
63950-00-5	See: QX1750000
*63950-05-0	See: QI9295800
63950-89-0	See: GB4900000
63950-90-3	See: KF4600000
63950-91-4	See: JW5425000
63950-92-5	See: KI6825000
63950-93-6	See: KI9700000
63950-94-7	See: AC4725000
63950-95-8	See: KD1822000
63950-97-0	See: KB1243000
63950-99-2	See: KD1770000
63951-00-8	See: SH7810000
63951-01-9	See: SI2350000
63951-02-0	See: SI3850000
*63951-03-1	See: SJ5650000
63951-04-2	See: SJ6340000
63951-05-3	See: BW7620000
63951-06-4	See: BW7625000
63951-07-5	See: BW8575000
*63951-08-6	See: BW8700000
*63951-09-7	See: BW9100000
63951-10-0	See: BX1310000
*63951-11-1	See: BX1925000
63951-12-2	See: BX3550000
63951-13-3	See: SH7140000
63951-14-4	See: BS9380000
63951-15-5	See: BS9420000
63951-16-6	See: BS9480000
63951-18-8	See: BT0420000
63951-19-9	See: BT0560000
63951-20-2	See: BT0610000
63951-21-3	See: BT0630000
63951-22-4	See: BT0660000
63951-23-5	See: BT0680000
63951-24-6	See: BT0700000
63951-25-7	See: BT0740000
63951-28-0	See: BT3150000
63951-29-1	See: BT3500000
63951-30-4	See: BS4940000
63951-31-5	See: BS4960000
63951-32-6	See: BS4980000
63951-33-7	See: BS5000000
63951-34-8	See: BS5600000
63951-35-9	See: BS7400000
63951-36-0	See: BS7410000
63951-38-2	See: BS7800000
63951-39-3	See: BS8630000
63951-40-6	See: BS8660000
63951-42-8	See: BR3175000
63951-43-9	See: BS9310000
63951-44-0	See: BS9350000
63951-45-1	See: FL5425000
63951-47-3	See: GA1400000
63951-48-4	See: MA2625000
63951-49-5	See: MC0875000
*63952-47-6	See: TP1335000
*63955-97-5	See: TB8430000
63956-89-8	See: LT8500000
63956-90-1	See: LT9275000
63956-91-2	See: LT9450000
63956-92-3	See: LU6475000
63956-94-5	See: LU9800000
63956-95-6	See: LV0260000
63956-96-7	See: LV1577000
63956-97-8	See: LV1579000
63956-98-9	See: LV0990000
63956-99-0	See: LT7483000
63957-00-6	See: LT7600000
63957-01-7	See: LL6620000
63957-02-8	See: LL6720000
63957-03-9	See: LL6820000
63957-04-0	See: LL6920000
63957-05-1	See: LQ1820000
63957-06-2	See: LQ4590000
63957-09-5	See: LT0175000
63957-10-8	See: LT7290000
63957-11-9	See: DA0510000
63957-12-0	See: UH9175000
63957-13-1	See: UH9240000
63957-15-3	See: UI0350000
63957-16-4	See: UI0650000
63957-17-5	See: UI0660000
63957-18-6	See: UI0665000
63957-19-7	See: UI2190000
63957-20-0	See: UI3050000
63957-21-1	See: UI9850000
63957-22-2	See: UH2640000
63957-23-3	See: UH2625000
63957-24-4	See: UH2700000
63957-25-5	See: UH2815000
63957-26-6	See: UH2816000
63957-28-8	See: UH2840000
63957-29-9	See: UH2900000
63957-30-2	See: UH3020000
63957-31-3	See: UH3080000
63957-32-4	See: UH3500000
63957-33-5	See: UH4400000
63957-35-7	See: UH2820000
*63957-36-8	See: SI6650000
*63957-37-9	See: SJ6310000
*63957-38-0	See: SJ6320000
*63957-39-1	See: SJ6330000
63957-40-4	See: BS9800000
*63957-41-5	See: BW7350000
63957-42-6	See: SJ6335000
63957-45-9	See: BP5600000
63957-46-0	See: BP5890000
63957-47-1	See: BP5920000
63957-48-2	See: BP6420000
63957-49-3	See: BP7000000
63957-50-6	See: BP7200000
63957-51-7	See: BP7300000
63957-52-8	See: BP7360000
63957-53-9	See: BP7400000
63957-54-0	See: BP7420000
63957-55-1	See: BP7450000
63957-56-2	See: BP7640000
63957-59-5	See: BP8050000
63958-44-1	See: QX8450000
*63968-64-9	See: KD4170000
63975-60-0	See: OT0450000
63975-61-1	See: PB8845000
63975-75-7	See: HP8100000
63975-76-8	See: HP8110000
*63976-04-5	See: GY1700000
63976-06-7	See: LZ7700000
*63976-07-8	See: LZ7875000
63976-08-9	See: TP2225000
63976-47-6	See: NO3635000
63977-21-9	See: BQ2590000
63977-22-0	See: BQ2610000
63977-23-1	See: BQ2620000
63977-24-2	See: BQ2630000
63977-25-3	See: BQ2640000
63977-26-4	See: BQ2710000
63977-27-5	See: BQ2720000
63977-29-7	See: BQ3575000
63977-30-0	See: BQ3900000
63977-31-1	See: HD7700000
63977-32-2	See: HD9475000
63977-33-3	See: HD9525000
63977-34-4	See: HD9570000
63977-35-5	See: HG7000000
63977-36-6	See: HG7175000
63977-37-7	See: BP8170000
63977-38-8	See: BP8181000
63977-39-9	See: BP8190000
63977-40-2	See: BP8200000
63977-41-3	See: BP8210000
63977-42-4	See: BP8240000
63977-43-5	See: BP8251000
63977-44-6	See: BP8400000
63977-45-7	See: BP8575000
63977-46-8	See: BP8300000
63977-47-9	See: BP8680000
63977-49-1	See: BO8925000
63977-50-4	See: BR7160000
63977-51-5	See: BQ2100000
63977-52-6	See: BQ2275000
63977-53-7	See: BQ2450000
63977-54-8	See: BQ2500000
63977-55-9	See: BQ2570000
63977-56-0	See: BQ2580000
63977-57-1	See: BP8055000
63977-58-2	See: BP8060000
63977-59-3	See: BP8063000
63977-60-6	See: BP8068000
63977-61-7	See: BP8074000
63977-62-8	See: BP8078000
63977-64-0	See: BP8100000
63977-65-1	See: BP8140000
63977-66-2	See: BP8150000
63977-67-3	See: BP8160000
63977-68-4	See: HM0436000
63977-69-5	See: HM0437500
63977-70-8	See: HM0443000
63977-71-9	See: HM0444000
63977-72-0	See: HM0449000
63977-74-2	See: YM3325000
63977-75-3	See: YM3360000
63977-76-4	See: YM3370000
63977-77-5	See: YM3380000
63977-78-6	See: YM3400000
63977-79-7	See: YM3420000
63977-80-0	See: YM3440000
63977-81-1	See: YM3550000
*63977-82-2	See: YM3570000
63977-83-3	See: YM3750000
63977-84-4	See: HM0389000
63977-85-5	See: HM0392000
63977-88-8	See: HM0396000
63977-89-9	See: HM0397500
63977-90-2	See: HM0399000
63977-91-3	See: HM0401000
63977-92-4	See: HM0485100
63977-93-5	See: HM0405000
63977-94-6	See: HM0411000
63977-95-7	See: HM0413000
63977-96-8	See: HM0414000
63977-97-9	See: HM0414800
63977-98-0	See: HM0417000
63977-99-1	See: HM0419000
63978-00-7	See: HM0420000
63978-01-8	See: HM0438600
63978-02-9	See: HM0429000
63978-03-0	See: HM0431000
63978-04-1	See: HM0435000
63978-05-2	See: HM0351750
63978-06-3	See: HM0353000
63978-07-4	See: HM0354500
63978-08-5	See: HM0438500
63978-09-6	See: HM0359000
63978-10-9	See: HM0361000
63978-11-0	See: HM0362000
63978-12-1	See: HM0363000

BEST COPY AVAILABLE

CAS No.	RTECS No.
63978-13-2	See: HM0368500
63978-14-3	See: HM0374500
63978-15-4	See: HM0377500
63978-16-5	See: HM0380500
63978-17-6	See: HM0381000
63978-18-7	See: HM0389500
63978-19-8	See: YM3800000
63978-20-1	See: YM3850000
63978-21-2	See: YM4100000
63978-22-3	See: YM8300000
63978-24-5	See: YM8350000
63978-25-6	See: YM8480000
63978-26-7	See: YM8600000
63978-27-8	See: YP2500000
63978-28-9	See: TL2410000
63978-29-0	See: TL2625000
63978-30-3	See: TL2800000
63978-31-4	See: TL3017000
63978-32-5	See: TL3045000
63978-33-6	See: TL3150000
63978-35-8	See: TL4550000
63978-36-9	See: TL4725000
*63978-37-0	See: TL4900000
63978-38-1	See: TL5075000
63978-39-2	See: TL5100000
63978-40-5	See: TL5600000
63978-41-6	See: TL5775000
63978-42-7	See: TL6250000
63978-43-8	See: TL6430000
63978-44-9	See: TL6440000
63978-45-0	See: TL8405000
63978-46-1	See: TL8600000
63978-47-2	See: TL9300000
63978-48-3	See: TL9350000
63978-49-4	See: TL9600000
63978-50-7	See: YT7700000
63978-51-8	See: YT9100000
63978-52-9	See: YE1100000
63978-53-0	See: YE1480000
63978-54-1	See: YE1600000
63978-55-2	See: WR3400000
63978-56-3	See: YE1840000
63978-57-4	See: YE2980000
63978-58-5	See: YE2450000
63978-59-6	See: YE2850000
63978-60-9	See: XH6750000
63978-62-1	See: TM3406000
63978-64-3	See: YK1400000
63978-68-7	See: YL8575000
63978-70-1	See: XZ5610000
63978-71-2	See: XZ5550000
63978-73-4	See: YD3900000
63978-74-5	See: YD4575000
63978-75-6	See: YE0750000
63978-76-7	See: QM4980000
63978-77-8	See: QM5005000
63978-78-9	See: QM5010000
63978-79-0	See: QM5015000
63978-80-3	See: QM5020000
63978-81-4	See: QM5025000
63978-82-5	See: QM5045000
63978-83-6	See: QM5050000
63978-84-7	See: QM5060000
63978-85-8	See: QM5065000
63978-86-9	See: QM5080000
63978-87-0	See: QL5340000
*63978-88-1	See: QL5320000
63978-89-2	See: QL5820000
63978-90-5	See: QL6050000
63978-91-6	See: QL7875000
63978-92-7	See: QM2625000
*63978-93-8	See: QM4300000
63978-94-9	See: QM4750000
63978-95-0	See: QM4903000
63978-96-1	See: QM4905000
63978-97-2	See: QM4915000
63978-98-3	See: QM4920000
63978-99-4	See: QM4925000
63979-00-0	See: QM4930000
63979-01-1	See: QM4935000
63979-03-3	See: QM4945000
63979-04-4	See: QM4950000
63979-05-5	See: QM4955000
63979-06-6	See: QM4960000
63979-07-7	See: QM4965000
63979-08-8	See: QM4970000
63979-09-9	See: QK7180000
63979-10-2	See: QK7192000
63979-11-3	See: QK7198000
63979-12-4	See: QK7206000
63979-13-5	See: QK4275000
63979-14-6	See: QK9300000
63979-15-7	See: QL1660000
63979-16-8	See: QL2285000
63979-17-9	See: QL2290000
63979-18-0	See: QL2310000
63979-19-1	See: QL2315000
63979-20-4	See: QL4100000
63979-21-5	See: XZ0815000
63979-23-7	See: XZ2400000
63979-24-8	See: XZ2450000
63979-25-9	See: XZ2460000
63979-26-0	See: XZ4025000
63979-27-1	See: XZ4200000
63979-28-2	See: XZ4375000
63979-29-3	See: XZ4210000
63979-30-6	See: XZ4220000
63979-31-7	See: XY3000000
63979-32-8	See: XY3400000
63979-33-9	See: XY3450000
63979-34-0	See: XY4920000
63979-35-1	See: XY4930000
*63979-36-2	See: XY5818000
63979-37-3	See: XY6301000
63979-38-4	See: XY6850000
63979-39-5	See: XY7550000
63979-41-9	See: YU2450000
63979-42-0	See: YU4550000
63979-44-2	See: YV6475000
*63979-45-3	See: YV6489000
*63979-46-4	See: YV6489400
*63979-47-5	See: YV6489600
63979-48-6	See: YV7600000
63979-49-7	See: YV9105000
63979-50-0	See: JH9100000
63979-51-1	See: JH9275000
63979-52-2	See: JI2450000
63979-53-3	See: JI4900000
63979-54-4	See: JJ5000000
63979-55-5	See: JJ8050000
63979-56-6	See: JJ8225000
63979-57-7	See: JJ8400000
63979-58-8	See: JJ8790000
63979-60-2	See: JR2100000
63979-61-3	See: JR2275000
*63979-62-4	See: WH7350000
63979-63-5	See: WI2450000
63979-64-6	See: FH4595000
63979-65-7	See: WL1050000
63979-66-8	See: WL0875000
63979-67-9	See: WL0885000
63979-68-0	See: WL0895000
63979-69-1	See: WL0950000
63979-70-4	See: WL1000000
63979-71-5	See: FH5020000
63979-72-6	See: FH5010000
63979-73-7	See: FH4980000
63979-74-8	See: FH4990000
63979-75-9	See: WL5775000
63979-76-0	See: MF5790000
63979-77-1	See: UR0715000
63979-79-3	See: WM7800000
63979-80-6	See: WM8750000
63979-81-7	See: WM8925000
63979-82-8	See: WN0770000
*63979-83-9	See: WN1400000
63979-84-0	See: WN5800000
63979-85-1	See: WO5980000
*63979-86-2	See: WO9500000
63979-88-4	See: WP1400000
63979-90-8	See: WP9300000
63979-91-9	See: WP9380000
63979-92-0	See: WP9450000
63979-93-1	See: WP9660000
63979-95-3	See: WQ0175000
63979-96-4	See: WQ2275000
63979-98-6	See: WQ3780000
63979-99-7	See: WQ5425000
63980-03-0	See: WR4200000
63980-05-2	See: XT3850000
*63980-06-3	See: XT6720000
63980-08-5	See: LQ1010000
63980-09-6	See: XU1750000
63980-10-9	See: XU1925000
63980-11-0	See: XU2200000
63980-12-1	See: XU2275000
*63980-13-2	See: XU2450000
63980-14-3	See: XU3700000
63980-15-4	See: XU3710000
63980-16-5	See: XU3720000
63980-17-6	See: XU5600000
*63980-18-7	See: XU8925000
*63980-19-8	See: XU9100000
63980-20-1	See: XY0350000
63980-22-3	See: YU2850000
63980-23-4	See: JR5400000
63980-24-5	See: HD7780000
63980-25-6	See: WM5950000
*63980-27-8	See: QL5700000
63980-28-9	See: QL5800000
63980-29-0	See: QL4980000
63980-30-3	See: QL3360000
63980-31-4	See: QL3400000
63980-32-5	See: QL3450000
63980-33-6	See: QL3580000
63980-34-7	See: XU8300000
63980-38-1	See: JI2100000
63980-39-2	See: VQ4900000
63980-40-5	See: KK0600000
63980-42-7	See: TK8400000
63980-43-8	See: TK8575000
63980-44-9	See: TK8925000
63980-45-0	See: TK9100000
63980-46-1	See: TL0175000
63980-47-2	See: TL0285000
63980-48-3	See: TL0600000
63980-49-4	See: TL0700000
63980-50-7	See: TL1271000
63980-51-8	See: TL1255100
63980-52-9	See: TL1285000
*63980-54-1	See: KK3550000
*63980-55-2	See: KK3580000
*63980-56-3	See: KK3600000
*63980-57-4	See: KK4025000
63980-58-5	See: KK5200000
*63980-59-6	See: KK6650000
63980-60-9	See: KK7100000
*63980-61-0	See: KL1925000
*63980-62-1	See: KL4725000
63980-63-2	See: GV5425000
63980-67-6	See: YS2100000
63980-68-7	See: YS2730000
63980-69-8	See: YS5950000
63980-70-1	See: YS7350000
63980-71-2	See: YS7525000
63980-72-3	See: YS8225000
63980-73-4	See: YS8575000
63980-74-5	See: YS9355000
63980-75-6	See: YS9365000
63980-76-7	See: YS9420000
63980-87-0	See: TG1310000
63980-88-1	See: TG1330000
63980-89-2	See: TG1925000
63980-90-5	See: TG2190000
63980-91-6	See: TG2275000
63980-92-7	See: TG2400000
63980-93-8	See: TG2410000
63980-94-9	See: TG2420000
63980-95-0	See: TG2450000
63980-96-1	See: TG2625000
*63980-97-2	See: TG2810000
63980-98-3	See: TG2930000
63980-99-4	See: TG2940000
63981-01-1	See: TG6300000
63981-06-6	See: TG7700000
63981-07-7	See: TG8050000
63981-08-8	See: TG8450000
63981-09-9	See: YR0500000
*63981-11-3	See: TF6899000
63981-12-4	See: TG0810000
63981-13-5	See: TG0840000
63981-14-6	See: VO6825000
63981-15-7	See: CV5379000
63981-16-8	See: CV4730000
63981-17-9	See: CV4740000
63981-18-0	See: VQ3500000
63981-19-1	See: VS1400000
*63981-20-4	See: VS7800000
*63981-21-5	See: VT0875000
63981-22-6	See: VT4900000
63981-23-7	See: VV1960000
63981-24-8	See: TL1860000
63981-25-9	See: TL2306000
63981-27-1	See: TL2334000
*63981-28-2	See: YQ2100000
63981-31-7	See: YQ8785000
63981-32-8	See: YQ8786000
63981-33-9	See: YQ8810000
63981-34-0	See: YQ9495000
63981-35-1	See: YQ9625000
63981-37-3	See: TL1293000
63981-38-4	See: TL1305000
63981-40-8	See: TL1341000
63981-41-9	See: TL1347000
63981-42-0	See: TL1350000
63981-43-1	See: TL1395000
63981-44-2	See: TL1410000
63981-45-3	See: TL2555000
63981-46-4	See: TL1445000
63981-47-5	See: TL1480000

BEST COPY AVAILABLE

CAS No.	RTECS No.
63981-49-7	See: TH2450000
63981-50-0	See: BR1235000
63981-51-1	See: BR1285000
63981-52-2	See: BR0610000
63981-53-3	See: BR0820000
63981-54-4	See: BR0840000
63981-55-5	See: BR0843000
63981-56-6	See: BR0848000
63981-57-7	See: BR0849000
63981-58-8	See: BR0850000
63981-59-9	See: BR0860000
63981-60-2	See: BR0862000
63981-61-3	See: BR0865000
63981-62-4	See: BR0867000
63981-63-5	See: BR0868500
63981-64-6	See: BR0870000
63981-65-7	See: BR0875000
63981-66-8	See: BR0900000
63981-67-9	See: BR1155000
63981-68-0	See: BR1160000
63981-69-1	See: BR1170000
63981-70-4	See: BR1180000
63981-71-5	See: BR1185000
63981-72-6	See: BR1190000
63981-73-7	See: BR1200000
63981-74-8	See: BQ8350000
63981-75-9	See: BQ9700000
63981-76-0	See: BQ9800000
63981-77-1	See: BR0165000
63981-79-3	See: BR0185000
63981-80-6	See: BR0250000
63981-81-7	See: BR0300000
63981-82-8	See: BR0310000
63981-83-9	See: BR0315000
63981-84-0	See: BR0320000
63981-85-1	See: BR0330000
63981-86-2	See: BR0450000
63981-88-4	See: BR0740000
63981-89-5	See: BR0788000
63981-90-8	See: BR0790000
63981-91-9	See: BR0800000
63981-92-0	See: BR0803000
63981-93-1	See: BR0806000
63981-94-2	See: BQ4210000
63981-95-3	See: BQ4230000
63981-96-4	See: BQ5500000
*63981-97-5	See: BR2030000
63981-98-6	See: BQ5980000
63981-99-7	See: BQ6000000
63982-00-3	See: BQ6315000
63982-01-4	See: BQ6825000
63982-03-6	See: BQ7000000
63982-04-7	See: BQ7030000
63982-05-8	See: BQ7060000
63982-06-9	See: BQ7090000
63982-07-0	See: BQ7175000
63982-08-1	See: BQ8100000
63982-09-2	See: BQ8130000
63982-10-5	See: BQ8140000
63982-11-6	See: BQ8160000
63982-12-7	See: BQ8210000
63982-13-8	See: FC4800000
63982-14-9	See: FC6125000
63982-15-0	See: FC6475000
*63982-16-1	See: FC7565000
63982-17-2	See: FC7650000
63982-18-3	See: FC7657000
63982-19-4	See: FC7659000
*63982-20-7	See: FC7660000
63982-21-8	See: FC9150000
63982-22-9	See: FC9500000
63982-23-0	See: FD0410000
63982-24-1	See: FD0420000
63982-25-2	See: FD0440000
63982-26-3	See: BQ4000000
63982-27-4	See: BQ4120000
63982-28-5	See: BQ4130000
63982-29-6	See: BQ4150000
63982-30-9	See: BQ4180000
63982-31-0	See: FB9826000
63982-32-1	See: FB9838000
63982-33-2	See: FB9840000
63982-34-3	See: FB9841000
63982-35-4	See: FB9846300
63982-37-6	See: FB9885000
63982-38-7	See: FB9890000
63982-39-8	See: FB9889000
*63982-40-1	See: FB9895000
63982-41-2	See: FB9900000
63982-42-3	See: FB9905000
63982-44-5	See: FB9908000
63982-45-6	See: FC0526000
63982-46-7	See: FC0527000
*63982-47-8	See: FC0528000
63982-48-9	See: FC0680000
*63982-49-0	See: FC0730000
63982-50-3	See: FC1400000
63982-51-4	See: FC1390000
63982-52-5	See: FC3160000
63982-54-7	See: BP0380000
63982-55-8	See: AO6300000
*63983-43-7	See: AY4560000
63985-67-1	See: TA2415000
*63989-69-5	See: NO4600000
63989-70-8	See: VZ2520000
63989-72-0	See: HM2960300
63989-74-2	See: HM2975000
*63989-75-3	See: GH0790000
63989-76-4	See: GN1225000
63989-79-7	See: GN4930000
63989-80-0	See: GO7600000
63989-81-1	See: GO8925000
*63989-82-2	See: GO8900000
63989-83-3	See: GP0300000
63989-84-4	See: GP0525000
63989-85-5	See: GP0700000
63989-86-6	See: GP1325000
63989-87-7	See: GP1925000
63989-88-8	See: GP2100000
63989-89-9	See: HM2887500
63989-90-2	See: HM2890000
63989-91-3	See: HM2895000
63989-92-4	See: HM2897500
63989-93-5	See: HM2900000
63989-94-6	See: HM2905000
63989-95-7	See: HM2907500
63989-96-8	See: HM2911000
63989-97-9	See: HM2912500
63989-98-0	See: HM2916000
63989-99-1	See: HM2920000
63990-00-1	See: HM2922500
63990-01-2	See: HM2925000
63990-02-3	See: HM2927500
63990-03-4	See: HM2929000
63990-04-5	See: HM2928300
63990-05-6	See: HM2936500
63990-06-7	See: HM2938000
63990-07-8	See: HM2935000
63990-08-9	See: HM2940000
63990-09-0	See: HM2945000
63990-10-3	See: HM2950000
63990-11-4	See: HM2955000
63990-12-5	See: HM2956500
63990-13-6	See: HM2960000
63990-14-7	See: HM0521500
63990-16-9	See: HM2807500
63990-17-0	See: HM2810000
63990-18-1	See: HM2815000
63990-19-2	See: HM2820000
63990-20-5	See: HM2822500
63990-21-6	See: HM2837500
63990-22-7	See: HM2840000
63990-23-8	See: HM2845000
63990-24-9	See: HM2850000
63990-25-0	See: HM2852500
63990-26-1	See: HM2860000
63990-27-2	See: HM2862000
63990-28-3	See: HM2864000
63990-29-4	See: HM2867500
63990-30-7	See: HM2870000
63990-31-8	See: HM2875000
63990-32-9	See: HM2885000
63990-33-0	See: HM2882500
63990-34-1	See: HM0468000
63990-35-2	See: HM0469000
63990-36-3	See: HM0471000
63990-37-4	See: HM0473000
63990-38-5	See: HM0486000
63990-39-6	See: HM0487000
63990-40-9	See: HM0489000
63990-41-0	See: HM0493000
63990-42-1	See: HM0495000
63990-43-2	See: HM0497000
63990-44-3	See: HM0499000
63990-45-4	See: HM0501000
63990-46-5	See: HM0505000
63990-47-6	See: HM0507000
63990-48-7	See: HM0512000
63990-49-8	See: AM9168000
63990-50-1	See: AM9186000
63990-51-2	See: AM9190000
63990-52-3	See: AM9200000
63990-53-4	See: AM9207000
63990-54-5	See: AM9214000
63990-55-6	See: AM9221000
63990-56-7	See: AN3500000
63990-57-8	See: AO6500000
63990-58-9	See: BP4600000
63990-59-0	See: AO9625000
63990-62-5	See: HM0459000
63990-63-6	See: HM0461000
63990-64-7	See: HM0465000
63990-65-8	See: HM0467000
63990-66-9	See: AM6900000
63990-67-0	See: AM7000000
63990-68-1	See: AM7490000
63990-69-2	See: AM8280000
63990-70-5	See: AM8285000
63990-71-6	See: AM8450000
63990-72-7	See: AM8780000
63990-73-8	See: AM8790000
63990-74-9	See: AM8810000
63990-75-0	See: AM8825000
63990-76-1	See: AM8840000
63990-77-2	See: AM8855000
63990-78-3	See: AM8870000
63990-79-4	See: AM8925000
63990-80-7	See: AM8970000
63990-81-8	See: AM8980000
63990-82-9	See: AM9020000
63990-83-0	See: AM9070000
63990-84-1	See: AM9150000
63990-85-2	See: AM9160000
63990-86-3	See: AM9174000
63990-87-4	See: AM9181000
*63990-88-5	See: DS4200000
63990-89-6	See: TZ1450000
63990-90-9	See: DB5830000
63990-91-0	See: DO0605000
63990-93-2	See: DT4490000
63990-94-3	See: DT7995000
63990-95-4	See: DV5120000
63990-96-5	See: DV8300000
*63990-97-6	See: DP0700000
63990-98-7	See: DP0875000
63990-99-8	See: DP1530000
63991-00-4	See: DP1555000
63991-01-5	See: DP1560000
63991-02-6	See: DP1565000
63991-03-7	See: DP2275000
63991-04-8	See: DP2500000
63991-05-9	See: DP2550000
63991-06-0	See: DP2625000
63991-07-1	See: DP2670000
63991-08-2	See: DP2800000
63991-09-3	See: DP2940000
63991-10-6	See: DP2975000
63991-11-7	See: DP3150000
63991-12-8	See: DP3850000
63991-13-9	See: DP4400000
63991-14-0	See: DN3900000
63991-15-1	See: DO3675000
63991-16-2	See: DO3850000
63991-17-3	See: DO4200000
63991-18-4	See: DO4375000
63991-19-5	See: DO6400000
63991-20-8	See: DO6475000
63991-21-9	See: DO7000000
63991-22-0	See: DO7380000
63991-23-1	See: DN5210000
63991-24-2	See: DO9130000
63991-25-3	See: DO9450000
63991-26-4	See: DO9530000
63991-27-5	See: DO9560000
63991-28-6	See: DP0350000
63991-29-7	See: DP0470000
63991-30-0	See: DO0700000
63991-31-1	See: DN5075000
63991-32-2	See: DN5425000
63991-35-5	See: DN8750000
63991-36-6	See: DN8782000
63991-37-7	See: DN9050000
63991-38-8	See: DN9100000
63991-39-9	See: DN9220000
63991-40-2	See: DN9230000
63991-41-3	See: DN9240000
63991-43-5	See: DB2960000
63991-45-7	See: DD2975000
63991-46-8	See: DD4100000
63991-47-9	See: DD4725000
63991-48-0	See: DD5950000
63991-49-1	See: DD6125000
63991-50-4	See: DD8400000
63991-51-5	See: DD8750000
63991-52-6	See: DE3100000
63991-54-8	See: DE4100000
63991-55-9	See: DE4120000
63991-56-0	See: DE4140000
63991-57-1	See: DP4850000
63991-58-2	See: DP5250000

CAS No.	RTECS No.
63991-60-6	See: DP5300000
63991-61-7	See: DP5330000
63991-63-9	See: DP5360000
63991-64-0	See: DP5390000
63991-65-1	See: DP5600000
63991-66-2	See: DP6390000
63991-67-3	See: TK8225000
63991-68-4	See: VA2120000
63991-69-5	See: DE8740000
*63991-70-8	See: DT2900000
63991-71-9	See: TZ7590000
63991-72-0	See: TZ7730000
63991-73-1	See: TZ8650000
63991-74-2	See: UA0175000
63991-75-3	See: UA0350000
63991-76-4	See: TZ1116000
63991-77-5	See: TZ1133000
63991-78-6	See: TZ1134000
63991-79-7	See: TZ1135000
63991-80-0	See: TZ1138000
63991-81-1	See: TZ1139000
63991-82-2	See: TZ1142000
63991-83-3	See: TZ1146000
63991-84-4	See: TZ1147000
63991-85-5	See: TZ1160000
63991-86-6	See: TZ1440000
63991-87-7	See: TZ1460000
63991-88-8	See: TZ1470000
63991-89-9	See: TZ1480000
63991-90-2	See: TZ1750000
*63991-91-3	See: TZ3600000
63991-93-5	See: TY9380000
63991-94-6	See: TZ0325000
63991-95-7	See: TZ0580000
63991-96-8	See: TZ0590000
63991-97-9	See: TZ0610000
63991-98-0	See: TZ0620000
63991-99-1	See: TZ0820000
63992-00-7	See: TZ1104000
63992-01-8	See: DP4725000
63992-02-9	See: VO4400000
63992-03-0	See: WM5650000
63992-04-1	See: XZ2300000
63992-05-2	See: HM0367000
63992-06-3	See: HM0388000
63992-07-4	See: BQ8155000
63992-08-5	See: WR4900000
*63992-09-6	See: KL4900000
63992-10-9	See: NK3970000
63992-11-0	See: NK4400000
63992-12-1	See: NK4410000
63992-13-2	See: NK4415000
63992-14-3	See: NK4430000
63992-15-4	See: DV8225000
63992-16-5	See: DV8450000
63992-18-7	See: TN6205000
63992-19-8	See: TN6190000
63992-22-3	See: NK3850000
*63992-23-4	See: NK3855000
63992-24-5	See: NK3864000
63992-25-6	See: NK3875000
63992-26-7	See: NK3930000
63992-27-8	See: NK3940000
63992-28-9	See: NK3950000
63992-29-0	See: DU1575000
63992-30-3	See: DV4990000
63992-31-4	See: DV5100000
63992-32-5	See: DU8310000
*63992-33-6	See: DV0700000
*63992-34-7	See: CH9491500
*63992-35-8	See: CH9492000
63992-36-9	See: DV2000000
63992-37-0	See: DV3500000
63992-38-1	See: DV3675000
63992-39-2	See: DV4800000
63992-40-5	See: DV5450000
63992-41-6	See: DV7000000
63992-42-7	See: UI0400000
63992-43-8	See: VN7175000
63992-44-9	See: VN7300000
63992-45-0	See: VN7340000
63992-46-1	See: VN7360000
63992-47-2	See: VN7700000
63992-48-3	See: VN7730000
*63992-49-4	See: GP3000000
63992-50-7	See: GP3050000
63992-51-8	See: GQ0875000
63992-52-9	See: GQ1050000
63992-53-0	See: GQ1225000
63992-54-1	See: GQ2450000
63992-55-2	See: GQ3410000
63992-56-3	See: GQ4200000
*63992-57-4	See: GQ4230000
*63992-58-5	See: GQ4280000
63992-59-6	See: VH0350000
63992-60-9	See: VH0700000
63992-61-0	See: VH0875000
63992-62-1	See: VH2450000
63992-63-2	See: VN4930000
63992-64-3	See: VN4990000
63992-65-4	See: VN5050000
63992-66-5	See: VN5425000
63993-48-6	See: CB9754080
63993-49-7	See: VU6400000
64011-19-4	See: TL2805000
64011-20-7	See: TL5250000
64011-22-9	See: FD0480000
64011-23-0	See: YT3850000
*64011-26-3	See: WJ1575000
64011-27-4	See: WL0865000
64011-29-6	See: XU7875000
64011-32-1	See: BQ8300000
64011-33-2	See: BQ8320000
*64011-34-3	See: XU3325000
*64011-35-4	See: XU3500000
*64011-36-5	See: XU3675000
64011-37-6	See: TH2275000
*64011-39-8	See: WH7230000
64011-40-1	See: GU1710000
64011-41-2	See: SB4230000
64011-42-3	See: SC0888000
64011-43-4	See: SC5425000
64011-44-5	See: SA5685000
64011-45-6	See: SA6900000
*64011-46-7	See: SB1925000
64011-47-8	See: SB3860000
64011-48-9	See: SB3870000
64011-49-0	See: SB3910000
64011-50-3	See: SB3920000
*64011-52-5	See: GW3850000
*64011-53-6	See: GW6300000
64011-54-7	See: GW7900000
64011-55-8	See: GW7910000
64011-56-9	See: GW7920000
64011-57-0	See: MU0667500
64011-58-1	See: MU0670000
64011-59-2	See: GU8780000
64011-60-5	See: GV0700000
*64011-61-6	See: GV2100000
64011-62-7	See: GV2450000
64011-63-8	See: KH2540000
64011-64-9	See: GV7000000
64011-65-0	See: GV8575000
64011-66-1	See: GW0525000
64011-67-2	See: GW0900000
64011-68-3	See: GU7127000
64011-69-4	See: GU7170000
64011-70-7	See: GW3600000
64011-71-8	See: GU8600000
64011-72-9	See: GU7063000
64011-73-0	See: GU7065000
64011-74-1	See: GU7081000
64011-75-2	See: GU1730000
64011-76-3	See: GU1750000
64011-77-4	See: GU7033000
*64011-78-5	See: GQ4350000
64011-79-6	See: GQ4400000
*64011-80-9	See: GQ4430000
*64011-81-0	See: GQ4460000
*64011-82-1	See: GQ4490000
*64011-83-2	See: GQ4520000
64011-84-3	See: GQ4800000
64011-85-4	See: GQ5150000
*64011-86-5	See: GQ5280000
*64011-87-6	See: GQ5290000
64011-88-7	See: GQ5360000
64011-89-8	See: GQ6825000
64011-90-1	See: AR7620000
64011-91-2	See: GU0560000
64011-92-3	See: GU0650000
64011-93-4	See: GU0875000
64011-94-5	See: GU1530000
64011-95-6	See: GU1650000
64011-96-7	See: GU1660000
64011-97-8	See: GU1670000
64011-98-9	See: GU1695000
64011-99-0	See: UA0525000
64012-00-6	See: HM2830000
64012-01-7	See: DP2930000
64024-04-0	See: YN6600000
64024-05-1	See: YN6610000
64024-06-2	See: YP2650000
*64024-07-3	See: VS3050000
*64024-08-4	See: YR8925000
64025-05-4	See: SA3700000
*64025-06-5	See: OW8890000
64036-40-4	See: GU7095000
64036-41-5	See: WG8430000
64036-42-6	See: DL6500000
64036-43-7	See: DL6550000
64036-44-8	See: DL9625000
*64036-46-0	See: WH5700000
*64036-47-1	See: WH1264600
64036-48-2	See: WH1273000
64036-49-3	See: WH1276000
64036-50-6	See: WH1286000
64036-51-7	See: WH1288000
64036-53-9	See: WH1288600
64036-54-0	See: WH1292000
64036-55-1	See: WH1296000
64036-56-2	See: WH1298000
64036-57-3	See: WH1230000
64036-58-4	See: WH1256000
64036-59-5	See: WH1260000
64036-60-8	See: WH1262000
64036-61-9	See: WH1264000
*64036-62-0	See: WH1264500
64036-63-1	See: WH1220000
64036-65-3	See: WH1223000
64036-66-4	See: WH1224000
64036-67-5	See: WH1224500
64036-68-6	See: WH1228000
64036-71-1	See: DL1700000
64036-72-2	See: DL2700000
64036-73-3	See: DL3500000
64036-74-4	See: DL5980000
64036-79-9	See: WR8450000
64036-81-3	See: WR8490000
64036-82-4	See: WT0525000
64036-83-5	See: WW8925000
64036-84-6	See: WX0250000
64036-85-7	See: NI6505000
64036-87-9	See: XB8225000
64036-88-0	See: NI9750000
64036-89-1	See: VC3969000
64036-91-5	See: WR7470000
64036-93-7	See: WR7560000
64036-94-8	See: WR7650000
64036-95-9	See: WR7900000
64036-96-0	See: WR7903000
64036-97-1	See: WR7920000
64036-98-2	See: WR7940000
64036-99-3	See: WR7960000
64037-00-9	See: WR7990000
64037-01-0	See: WR8020000
64037-02-1	See: WR8300000
64037-03-2	See: WR8350000
64037-04-3	See: DM4400000
64037-05-4	See: DM4488000
64037-06-5	See: DM4491000
64037-07-6	See: DM4520000
64037-08-7	See: DM4535000
64037-09-8	See: DM4540000
64037-10-1	See: DM4545000
64037-11-2	See: DM4570000
64037-12-3	See: DM4610000
64037-13-4	See: DM4630000
64037-14-5	See: DM4640000
64037-15-6	See: DM4650000
64037-16-7	See: DM4660000
64037-17-8	See: DM4670000
64037-18-9	See: DM4700000
64037-19-0	See: DM4710000
64037-20-3	See: DM4720000
64037-21-4	See: DM4730000
64037-22-5	See: DM4740000
64037-23-6	See: DM4891000
64037-24-7	See: DM4800000
64037-25-8	See: DM4810000
64037-26-9	See: DM4820000
64037-27-0	See: DM4823000
64037-28-1	See: DM4893000
64037-29-2	See: DM4880000
64037-30-5	See: DM4940000
64037-31-6	See: DM5277500
64037-33-8	See: DM7175000
64037-35-0	See: DN3200000
64037-37-2	See: DN5076000
64037-38-3	See: EL1500000
64037-39-4	See: EL1530000
64037-40-7	See: EL1560000
64037-41-8	See: EL1750000
64037-42-9	See: EL5700000
64037-43-0	See: EL5950000
64037-44-1	See: EL6125000
64037-45-2	See: EL6825000
64037-46-3	See: EL8050000
64037-47-4	See: EL9000000
64037-48-5	See: EL9625000
64037-49-6	See: EM2975000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
64037-50-9	See: BA6345000
64037-51-0	See: TN1263000
64037-53-2	See: EM4200000
64037-54-3	See: EM4750000
64037-55-4	See: EM5140000
64037-56-5	See: EO3500000
64037-57-6	See: EO3675000
64037-59-8	See: EO4725000
64037-60-1	See: EO4800000
64037-61-2	See: EO5950000
64037-62-3	See: NI9630000
64037-63-4	See: CZ8937500
64037-64-5	See: ER6415000
64037-65-6	See: ES4250000
64037-66-7	See: ES4375000
64037-67-8	See: ES4400000
64037-68-9	See: ES4460000
64037-69-0	See: ES4800000
64037-70-3	See: ES4830000
64037-71-4	See: ES4845000
64037-72-5	See: ES4900000
64037-73-6	See: ES5150000
64037-74-7	See: ES5650000
64037-75-8	See: ES5680000
64037-76-9	See: ES5950000
64037-77-0	See: ES6125000
64037-78-1	See: QM5113000
64037-79-2	See: QM5112000
64037-80-5	See: QM5126000
64037-81-6	See: QM5132000
64037-82-7	See: QM5140000
64037-83-8	See: QM5146000
64037-84-9	See: QM5152000
64037-85-0	See: QM5160000
64037-86-1	See: QM5165000
64037-87-2	See: QM5172000
64037-88-3	See: QM5180000
64037-89-4	See: QM5190000
64037-90-7	See: QM5200000
64037-91-8	See: QM5206000
64037-92-9	See: QM5212000
64037-93-0	See: QM5220000
64037-94-1	See: QM5245000
64037-95-2	See: QM5348000
64037-96-3	See: QM5375000
64037-97-4	See: CL5446000
64037-98-5	See: CL5447000
64037-99-6	See: QS4200000
64038-00-2	See: QS4435000
64038-01-3	See: QS4500000
64038-02-4	See: QT1950000
64038-03-5	See: QT3050000
64038-04-6	See: US4202500
64038-05-7	See: CQ3780000
64038-06-8	See: CQ3900000
64038-07-9	See: CQ4200000
64038-08-0	See: CQ4450000
64038-09-1	See: CQ0477000
64038-10-4	See: CQ4920000
64038-11-5	See: CQ4935000
64038-12-6	See: CQ4950000
64038-13-7	See: CQ4965000
64038-14-8	See: CQ4980000
64038-15-9	See: CQ5125000
64038-16-0	See: CQ5200000
64038-17-1	See: CQ5490000
64038-18-2	See: CQ5560000
64038-19-3	See: CQ5700000
64038-20-6	See: CQ6530000
64038-21-7	See: CQ6700000
64038-22-8	See: CQ6740000
64038-23-9	See: CQ6780000
64038-24-0	See: CQ6790000
64038-25-1	See: CQ7020000
64038-26-2	See: CQ7050000
64038-27-3	See: CQ7060000
64038-28-4	See: CQ7062000
64038-29-5	See: CQ7089500
64038-30-8	See: CQ7100000
64038-31-9	See: CQ7120000
64038-32-0	See: CQ7140000
64038-35-3	See: CQ7150000
*64038-38-6	See: CU3425000
*64038-39-7	See: CU3600000
*64038-40-0	See: CU4335000
64038-41-1	See: CU4900000
64038-42-2	See: YX5100000
64038-43-3	See: YX5500000
*64038-44-4	See: YZ1225000
64038-46-6	See: ZD6125000
64038-47-7	See: ZD6475000
*64038-48-8	See: ZD8225000
*64038-49-9	See: ZD8400000
*64038-50-2	See: ZE2800000
*64038-51-3	See: ZE2975000
64038-52-4	See: ZE4550000
64038-53-5	See: ZE7000000
64038-54-6	See: QF3461000
*64038-55-7	See: NI3940000
64038-56-8	See: NI3975000
64038-57-9	See: NI4375000
64038-58-0	See: NI8545000
64038-59-1	See: NI4725000
64038-61-5	See: NI7700000
64038-62-6	See: NI8300000
64038-63-7	See: NI8350000
64038-64-8	See: NI8590000
64038-65-9	See: NI8622000
64038-66-0	See: NI8630000
64038-67-1	See: NI8800000
64038-68-2	See: NI8860000
64038-70-6	See: NI9275000
64038-71-7	See: NI9450000
64038-72-8	See: QJ1000000
64038-73-9	See: QJ1260000
64038-74-0	See: QJ1290000
64038-75-1	See: QJ1350000
64038-76-2	See: DA4800000
64038-78-4	See: NI8525000
64038-79-5	See: QF3250000
64038-80-8	See: QF3270000
64038-81-9	See: QF3325000
64038-82-0	See: QF3360000
64038-83-1	See: QF3370000
64038-84-2	See: QF3390000
64038-85-3	See: QF3410000
64038-86-4	See: QF3430000
64038-87-5	See: QF3460000
64038-88-6	See: CU7125000
64038-89-7	See: UM9280000
64038-90-0	See: QH4400000
64038-91-1	See: QI8400000
64038-92-2	See: QE9625000
64038-93-3	See: QE9800000
64038-94-4	See: QF0175000
64038-95-5	See: QF0350000
64038-96-6	See: QF0700000
64038-97-7	See: QF0875000
64038-98-8	See: QF1225000
64038-99-9	See: QE7188000
64039-00-5	See: QF1750000
64039-01-6	See: QF1925000
64039-02-7	See: QF2625000
64039-03-8	See: QF2840000
64039-04-9	See: QF2870000
64039-06-1	See: QF3170000
64039-07-2	See: QF3180000
64039-08-3	See: QF3190000
64039-09-4	See: QF3210000
64039-10-7	See: QF3230000
64039-11-8	See: QE7000000
64039-12-9	See: QE7175000
*64039-13-0	See: QE7875000
64039-14-1	See: QE8225000
64039-15-2	See: QE9100000
64039-16-3	See: QE9275000
64039-17-4	See: QE9450000
64039-18-5	See: QE9520000
64039-19-6	See: UN1300000
64039-20-9	See: UN1350000
64039-21-0	See: UN1400000
64039-22-1	See: UN1575000
64039-23-2	See: UO1360000
64039-24-3	See: UO1400000
64039-25-4	See: UO1575000
64039-26-5	See: UO1588000
*64039-27-6	See: UP0175000
*64039-28-7	See: UP8400000
64039-29-8	See: UM6798000
64039-30-1	See: UM6805000
64039-31-2	See: UM7525000
*64039-33-4	See: UM8400000
64039-34-5	See: UM8660000
64039-35-6	See: UM8750000
64039-36-7	See: UM9400000
64039-37-8	See: UM9810000
64039-38-9	See: UN0350000
64039-40-3	See: UN0600000
64039-41-4	See: UN0875000
64039-42-5	See: UN1050000
64039-43-6	See: TY9330000
64039-44-7	See: TY9335000
64039-46-9	See: XZ5450000
*64042-15-5	See: CN2704900
64043-39-6	See: YN1400000
64043-51-2	See: GL0875000
64043-52-3	See: DO0175000
64043-53-4	See: DO0350000
64043-54-5	See: DO0525000
64043-55-6	See: WJ5950000
64044-05-9	See: GR7745000
64044-06-0	See: YT4025000
64045-96-1	See: LX2075000
64045-97-2	See: GB7880000
64045-98-3	See: GE1925000
64045-99-4	See: HX7600000
*64046-00-0	See: BS4030000
64046-01-1	See: OV7362000
64046-02-2	See: BR1566000
64046-03-3	See: BR1590000
64046-04-4	See: BR1720000
64046-05-5	See: BR1580000
64046-06-6	See: BR1620000
64046-07-7	See: BR1650000
64046-08-8	See: BR1680000
64046-09-9	See: BR1690000
64046-10-2	See: BR1710000
64046-11-3	See: BR1790000
64046-12-4	See: BR1810000
64046-13-5	See: BR1830000
64046-14-6	See: BR1850000
64046-15-7	See: BR1860000
64046-16-8	See: BR2000000
64046-17-9	See: BR2010000
64046-18-0	See: BR2040000
64046-19-1	See: BR2050000
64046-20-4	See: BR2060000
64046-21-5	See: BR1306000
64046-22-6	See: BR1310000
64046-23-7	See: BR1325000
64046-24-8	See: BR1330000
64046-25-9	See: BR1340000
64046-26-0	See: BR1350000
64046-27-1	See: BR1352000
64046-28-2	See: BR1354000
64046-29-3	See: BR1356000
64046-30-6	See: BR1358000
64046-31-7	See: BR1360000
64046-32-8	See: BR1370000
64046-33-9	See: BR1400000
64046-34-0	See: BR1440000
64046-35-1	See: BR1460000
64046-36-2	See: BR1480000
64046-38-4	See: BR1500000
64046-39-5	See: BR1560000
64046-40-8	See: BR1563000
64046-41-9	See: AF7950000
64046-42-0	See: AF8700000
64046-43-1	See: AF8935000
64046-44-2	See: AF9200000
64046-45-3	See: AF9275000
64046-46-4	See: AF9450000
64046-47-5	See: AF9625000
64046-48-6	See: AG1050000
64046-49-7	See: AG1900000
64046-50-0	See: AG4025000
64046-51-1	See: AG5120000
64046-52-2	See: AG8490000
64046-53-3	See: AE2050000
64046-54-4	See: AE1995000
64046-55-5	See: AE2000000
*64046-56-6	See: AB8297500
64046-57-7	See: AE2800000
64046-58-8	See: AE4240000
*64046-59-9	See: AE7525000
64046-60-2	See: CZ9050000
*64046-61-3	See: AF1925000
64046-62-4	See: AF2625000
64046-63-5	See: AF2800000
64046-64-6	See: AF3500000
64046-65-7	See: AF4375000
64046-66-8	See: AF5425000
64046-67-9	See: AF6125000
64046-68-0	See: AF7890000
64046-69-1	See: VA3116750
64046-70-4	See: RQ5075000
64046-71-5	See: RR0480000
64046-72-6	See: RT4200000
64046-73-7	See: RT4725000
*64046-74-8	See: CG7875000
*64046-75-9	See: CG8400000
64046-76-0	See: AR7333000
64046-77-1	See: AR7342000
64046-78-2	See: AR7655000
*64046-79-3	See: AR7570000
64046-80-6	See: AR7650000
64046-81-7	See: AR7670000
64046-82-8	See: AR7895000
*64046-83-9	See: AR8300000
64046-84-0	See: AR9000000

CAS No.	RTECS No.
64046-85-1	See: AR9500000
64046-86-2	See: AR9530000
64046-87-3	See: AR9550000
64046-88-4	See: AR9560000
64046-89-5	See: AS3930000
64046-90-8	See: AS4900000
64046-91-9	See: CA9450000
64046-92-0	See: CB5250000
*64046-93-1	See: CC4200000
64046-94-2	See: CD9920000
64046-95-3	See: CD9960000
*64046-96-4	See: CF8575000
*64046-97-5	See: CF9300000
*64046-98-6	See: CF9470000
*64046-99-7	See: CF9490000
*64047-00-3	See: CF9800000
*64047-01-4	See: CG6825000
*64047-02-5	See: CH8225000
64047-03-6	See: RP7350000
64047-04-7	See: RP7525000
64047-05-8	See: RP7700000
64047-06-9	See: RP7875000
64047-07-0	See: RP8050000
64047-08-1	See: RP8225000
64047-09-2	See: RP8400000
64047-10-5	See: RP8575000
64047-11-6	See: RP8750000
64047-12-7	See: RP8925000
64047-13-8	See: RP9275000
64047-14-9	See: RP9450000
64047-15-0	See: RQ0175000
64047-16-1	See: RQ0350000
64047-17-2	See: RQ0525000
64047-18-3	See: RQ0700000
64047-19-4	See: RQ0875000
64047-20-7	See: RQ1050000
64047-21-8	See: RQ1225000
64047-22-9	See: RQ1400000
64047-23-0	See: RQ1575000
64047-24-1	See: RQ1750000
64047-25-2	See: RQ1925000
64047-26-3	See: BR7165000
64047-27-4	See: EL8575000
64047-28-5	See: RT3675000
*64047-29-6	See: RT3850000
*64047-32-1	See: ZE3100000
64047-33-2	See: AE2760000
64047-34-3	See: AF5600000
*64047-35-4	See: AG7875000
64047-36-5	See: AU4515000
64047-38-7	See: BR9100000
64047-39-8	See: TD1770000
64047-40-1	See: AB1170000
64047-41-2	See: OB1300000
64047-42-3	See: NX5930000
64047-43-4	See: NX6020000
64047-44-5	See: NX6030000
64047-45-6	See: NX8575000
64047-46-7	See: NX9450000
64047-47-8	See: NY1425000
64047-48-9	See: NY1450000
64047-49-0	See: NY2275000
64047-50-3	See: NY2900000
64047-51-4	See: NY8925000
64047-52-5	See: OB1200000
64047-54-7	See: NX5125000
64047-55-8	See: NX5140000
64047-56-9	See: NX5620000
64047-57-0	See: NX5640000
64047-58-1	See: NX5655000
64047-59-2	See: NX5660000
64047-60-5	See: NX5665000
64047-63-8	See: NX5805000
64047-64-9	See: NX5810000
64047-65-0	See: NX5820000
64047-66-1	See: NX5830000
64047-67-2	See: NX5840000
64047-68-3	See: NX5850000
64047-69-4	See: NX5860000
64047-70-7	See: NX5880000
64047-72-9	See: NX5943000
64047-73-0	See: NX5940000
64047-74-1	See: SL3085000
64047-75-2	See: SM1120000
64047-76-3	See: SM1130000
64047-77-4	See: SM1300000
64047-78-5	See: SM1800000
*64047-79-6	See: SM2450000
64047-80-9	See: SM3850000
64047-81-0	See: SM4025000
*64047-82-1	See: SM5075000
64047-83-2	See: SM5425000
64047-85-4	See: SK0950000
64047-86-5	See: SK7175000
64047-87-6	See: SK7525000
64047-88-7	See: SL0525000
64047-89-8	See: SL3520000
64047-90-1	See: SL5100000
64047-91-2	See: SL5150000
64047-92-3	See: XO0535000
64047-93-4	See: XO0540000
64047-94-5	See: XO0560000
64047-95-6	See: PB5350000
64047-97-8	See: XK7600000
64047-98-9	See: XK8225000
64047-99-0	See: XK8575000
64048-00-6	See: XK8925000
64048-01-7	See: XL0100000
64048-03-9	See: XL1350000
64048-04-0	See: XL1500000
64048-05-1	See: OU9640000
*64048-06-2	See: OU9655000
*64048-07-3	See: OU9660000
64048-08-4	See: OX0810000
64048-09-5	See: XM8500000
64048-10-8	See: XM9900000
64048-11-9	See: XN0875000
64048-12-0	See: XN1050000
64048-13-1	See: XN4300000
64048-14-2	See: XJ6125000
64048-15-3	See: XJ7075000
64048-16-4	See: XJ7085000
64048-17-5	See: XJ7135000
64048-18-6	See: XJ7145000
64048-19-7	See: XJ7150000
64048-20-0	See: BP0175000
64048-21-1	See: BP0280000
64048-25-5	See: BP2000000
64048-27-7	See: BP4725000
64048-28-8	See: BP4900000
64048-30-2	See: BP4990000
64048-31-3	See: BP4995000
*64048-32-4	See: BP5100000
64048-33-5	See: BO4640000
64048-34-6	See: BO4690000
64048-35-7	See: BO4700000
64048-36-8	See: BO5775000
64048-37-9	See: BO5950000
64048-38-0	See: BO6300000
64048-39-1	See: BO5600000
64048-40-4	See: BO6125000
64048-41-5	See: BO6600000
64048-42-6	See: BO6825000
64048-43-7	See: BO7350000
64048-44-8	See: BO7700000
64048-45-9	See: BO8786000
64048-46-0	See: BO8787000
64048-47-1	See: BO8830000
64048-48-2	See: BO8789000
64048-49-3	See: BO8800000
64048-50-6	See: QD9700000
64048-52-8	See: UC0415000
64048-53-9	See: EL6600000
64048-54-0	See: BO1925000
*64048-56-2	See: BO2450000
64048-57-3	See: BO4550000
64048-58-4	See: BO4565000
64048-59-5	See: BO4590000
64048-60-8	See: BO4593000
64048-61-9	See: BO4596000
64048-62-0	See: DK1450000
64048-63-1	See: DK4025000
64048-64-2	See: DK5250000
64048-65-3	See: DK5425000
64048-66-4	See: DK5775000
64048-68-6	See: DK1830000
64048-69-7	See: DK2000000
*64048-70-0	See: DJ4917500
64048-71-1	See: CK0050000
64048-72-2	See: CK0100000
64048-73-3	See: CK0150000
64048-74-4	See: CK0155000
64048-75-5	See: CK0250000
64048-76-6	See: CK0400000
64048-77-7	See: CK0430000
64048-78-8	See: CK0470000
64048-79-9	See: CK0500000
64048-80-2	See: CL5450000
64048-81-3	See: CL5475000
64048-82-4	See: CL5620000
64048-83-5	See: CL5640000
64048-84-6	See: CL5650000
64048-85-7	See: CL5670000
64048-86-8	See: CL5680000
*64048-87-9	See: CH9910000
*64048-90-4	See: CH5775000
*64048-92-6	See: CH6825000
*64048-94-8	See: CH7230000
*64048-95-9	See: CH7875000
*64048-96-0	See: CH8750000
*64048-97-1	See: CH8925000
*64048-98-2	See: CH9100000
*64048-99-3	See: CH9800000
*64049-00-9	See: CH9900000
*64049-01-0	See: CH9920000
*64049-02-1	See: CI0175000
*64049-03-2	See: CI0350000
*64049-04-3	See: CI9350000
*64049-05-4	See: CG8575000
*64049-06-5	See: CG8750000
*64049-07-6	See: CG9625000
*64049-08-7	See: CG9800000
*64049-09-8	See: CH0435000
*64049-10-1	See: CG8500000
*64049-12-3	See: CH1400000
*64049-15-6	See: CH1925000
*64049-18-9	See: CH2800000
*64049-19-0	See: CH3150000
*64049-20-3	See: CH3325000
*64049-21-4	See: CH3600000
*64049-22-5	See: CH3675000
*64049-23-6	See: CH4025000
*64049-24-7	See: CH4200000
*64049-25-8	See: CH4550000
64049-26-9	See: BX5000000
*64049-27-0	See: BY3325000
*64049-28-1	See: BY4375000
*64049-29-2	See: BY5080000
64049-30-5	See: BY9100000
64049-31-6	See: AC3860000
64049-32-7	See: AC3862000
64049-33-8	See: AC6125000
64049-34-9	See: TY7550000
64049-35-0	See: TY7575000
64049-36-1	See: TY7753000
64049-37-2	See: TY7756000
64049-38-3	See: TY7759000
64049-39-4	See: TY8070000
64049-40-7	See: TY8065000
64049-41-8	See: TY8760000
*64049-42-9	See: TY8760010
*64049-43-0	See: TY8760020
64049-44-1	See: TY8790000
64049-45-2	See: TY8795000
64049-46-3	See: TY8825000
64049-47-4	See: TY8830000
64049-48-5	See: TY6796000
64049-49-6	See: TY6797000
64049-50-9	See: TY6818000
64049-51-0	See: TY7175000
64049-52-1	See: TY6741000
64049-53-2	See: BS1925000
64049-54-3	See: BS2275000
64049-55-4	See: BS1150000
64049-56-5	See: BR9710000
64049-57-6	See: BS0200000
64049-58-7	See: BS0205000
64049-59-8	See: BS0207000
64049-60-1	See: BS0220000
64049-61-2	See: BS0230000
64049-62-3	See: BS0240000
64049-63-4	See: BS0250000
64049-64-5	See: BS0260000
64049-65-6	See: BS0280000
64049-66-7	See: BS0300000
64049-67-8	See: BS0310000
64049-68-9	See: BS0320000
64049-69-0	See: BS0330000
64049-70-3	See: BS0350000
64049-71-4	See: BS1135000
64049-72-5	See: BS1225000
64049-73-6	See: BP5730000
*64049-74-7	See: BR6400000
64049-75-8	See: BR7175000
64049-76-9	See: BR4100000
64049-77-0	See: BR7525000
64049-79-2	See: BR7560000
64049-80-5	See: BR7940000
64049-81-6	See: BR8055000
64049-83-8	See: BR8030000
64049-85-0	See: BR6340000
64049-86-1	See: BR8120000
64049-87-2	See: BP5700000
64049-88-3	See: BR8420000
64049-89-4	See: BR8450000
64049-90-7	See: BR8520000
64049-91-8	See: BR5825000
64049-92-9	See: BR5830000
64049-93-0	See: BR5835000
64049-94-1	See: BR5845000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
64049-95-2	See: BR5850000
64049-96-3	See: BR5855000
64049-97-4	See: BR5865000
64049-98-5	See: BR5875000
64049-99-6	See: BR5890000
64050-00-6	See: BR5895000
64050-01-7	See: BR5905000
64050-02-8	See: BR5910000
64050-03-9	See: BR5915000
64050-04-0	See: BR5950000
64050-05-1	See: BR5960000
64050-06-2	See: BR6135000
64050-07-3	See: BR6140000
64050-08-4	See: BR6145000
64050-09-5	See: BR6155000
64050-10-8	See: BR6180000
*64050-11-9	See: BR6200000
64050-12-0	See: BR6310000
64050-13-1	See: BR6330000
64050-14-2	See: BR6385000
*64050-15-3	See: AT0175000
64050-16-4	See: AS7450000
64050-17-5	See: AT3325000
64050-18-6	See: AT4550000
64050-20-0	See: AU4629000
64050-21-1	See: AU4670000
64050-22-2	See: DI0210000
64050-22-2	See: DI0211000
*64050-23-3	See: DI9900000
64050-24-4	See: DJ1600000
64050-25-5	See: DJ1925000
64050-26-6	See: DJ3220000
64050-27-7	See: DH3640000
64050-28-8	See: DH3900000
64050-29-9	See: DH3950000
64050-30-2	See: DH4080000
64050-31-3	See: DH4090000
64050-32-4	See: DH4100000
64050-33-5	See: DH4120000
64050-34-6	See: DH5960000
64050-35-7	See: DH6200000
64050-36-8	See: DH6230000
64050-37-9	See: DH6270000
64050-38-0	See: DH6280000
64050-39-1	See: DH6290000
64050-40-4	See: DH6295000
64050-41-5	See: DH6310000
64050-42-6	See: DH6475000
64050-43-7	See: DH6500000
*64050-44-8	See: DH7000000
64050-46-0	See: XJ3150000
64050-47-1	See: XJ4200000
64050-50-6	See: XJ5225000
64050-51-7	See: TC0615000
64050-52-8	See: TC0680000
64050-53-9	See: TC2100000
64050-54-0	See: DE4090000
64050-55-1	See: TC5120000
*64050-56-2	See: TD5400000
*64050-57-3	See: TD5410000
*64050-58-4	See: TD6100000
*64050-59-5	See: TD6330000
64050-61-9	See: TB8130000
*64050-63-1	See: TB8540000
*64050-64-2	See: TB8550000
*64050-65-3	See: TB8570000
64050-66-4	See: TB8808000
64050-67-5	See: TB8809000
*64050-68-6	See: TB8935000
*64050-69-7	See: TB8940000
*64050-70-0	See: TB9400000
*64050-71-1	See: TB9420000
64050-72-2	See: TB9460000
*64050-73-3	See: TB8560000
*64050-74-4	See: TB8569000
64050-76-6	See: BR4780000
64050-77-7	See: BR4800000
64050-79-9	See: BR4815000
64050-81-3	See: BR4830000
64050-83-5	See: BR4860000
64050-85-7	See: BR5000000
64050-86-8	See: BR5150000
64050-87-9	See: BR5600000
64050-88-0	See: BR5775000
64050-89-1	See: BR5780000
64050-90-4	See: BR5785000
64050-91-5	See: BR5800000
64050-92-6	See: BR5802000
64050-93-7	See: BR5805000
64050-94-8	See: BR5815000
64050-95-9	See: BR5820000
64050-96-0	See: BR2100000
64050-97-1	See: BR2150000
64050-98-2	See: BR2160000
64051-00-9	See: BR2300000
64051-01-0	See: BR2310000
64051-02-1	See: BR2320000
64051-03-2	See: BR2500000
64051-04-3	See: BR2625000
64051-05-4	See: BR2975000
*64051-06-5	See: BR3200000
*64051-08-7	See: BR3700000
64051-09-8	See: BR3850000
64051-10-1	See: BR3940000
64051-11-2	See: BR4560000
64051-12-3	See: BR4575000
64051-14-5	See: BR4600000
64051-16-7	See: BR4630000
64051-18-9	See: BR4660000
64051-20-3	See: BR4770000
64057-50-7	See: AB5785000
*64057-51-8	See: AB5600000
*64057-52-9	See: AB6202000
64057-53-0	See: AB7090000
64057-54-1	See: AB7875000
64057-55-2	See: AB8300000
64057-56-3	See: AB8800000
*64057-57-4	See: SD8975000
*64057-58-5	See: FG3945000
64057-59-6	See: SE5075000
64057-60-9	See: SF7200000
64057-61-0	See: SF7250000
*64057-62-1	See: SF7280000
64057-63-2	See: SF8260000
64057-64-3	See: SG1610000
*64057-65-4	See: SG0682000
64057-66-5	See: SH0175000
64057-67-6	See: SH0580000
64057-68-7	See: SH1100000
64057-69-8	See: SH2625000
64057-70-1	See: SH5700000
64057-71-2	See: SH5710000
64057-72-3	See: SH5730000
64057-73-4	See: SH5755000
64057-74-5	See: SH6125000
64057-75-6	See: SH6300000
64057-76-7	See: FF8050000
64057-77-8	See: FF8225000
64057-78-9	See: FF8300000
64057-79-0	See: FF8750000
64057-80-3	See: FG1580000
64057-81-4	See: FG1588000
64057-82-5	See: FE6208000
64057-83-6	See: FE6216000
64057-84-7	See: FE6280000
64057-86-9	See: DA0560000
64057-87-0	See: AI9330000
64057-88-1	See: FE5075000
64057-89-2	See: FE5250000
64057-90-5	See: FE5425000
64057-91-6	See: FE5600000
64057-92-7	See: FE5800000
64057-93-8	See: FE5807500
64057-94-9	See: FE5815000
64057-95-0	See: FE5822500
64057-96-1	See: FE5830000
64057-97-2	See: FE5837500
64057-98-3	See: FE6125000
64057-99-4	See: FE6206000
64058-00-0	See: CQ1950000
64058-01-1	See: CQ2000000
64058-02-2	See: CQ2310000
64058-03-3	See: CQ2350000
64058-04-4	See: CQ3410000
64058-06-6	See: CO1733000
64058-07-7	See: CO1736000
64058-08-8	See: CO1690000
64058-09-9	See: CO1700000
64058-10-2	See: CO1710000
64058-11-3	See: CO1720000
64058-12-4	See: CO1730000
64058-13-5	See: CP8120000
64058-14-6	See: CP8350000
64058-15-7	See: CP9350000
64058-16-8	See: CP9625000
64058-17-9	See: CQ0425000
64058-18-0	See: CQ0480000
64058-19-1	See: CQ1500000
64058-20-4	See: CQ1850000
64058-21-5	See: CM2450000
64058-22-6	See: CM3270000
64058-23-7	See: CM3280000
64058-24-8	See: CM3440000
64058-25-9	See: CM8950000
64058-26-0	See: CM8980000
64058-27-1	See: CM9200000
*64058-30-6	See: CN2300000
64058-31-7	See: CN5100000
64058-32-8	See: OB6502000
64058-33-9	See: OB6504000
64058-34-0	See: OD2100000
64058-35-1	See: OD2625000
64058-36-2	See: OD3325000
64058-37-3	See: OD3500000
64058-38-4	See: OD3850000
64058-39-5	See: OD4550000
64058-40-9	See: OD5425000
64058-41-9	See: OB2625000
64058-42-0	See: OB2000000
*64058-43-1	See: OB4105000
64058-44-2	See: OB4450000
64058-45-3	See: OB6500000
64058-46-4	See: QM5120000
64058-47-5	See: UN8239800
64058-48-6	See: WG7430000
64058-49-7	See: QM5100000
64058-50-0	See: WH1232000
64058-51-1	See: EO3409000
64058-52-2	See: CQ7090000
64058-53-3	See: UM7000000
*64058-54-4	See: CY6300000
64058-55-5	See: CY8400000
64058-56-6	See: TC7565000
*64058-57-7	See: DA8925000
64058-58-8	See: DA9120000
64058-59-9	See: DA9140000
64058-60-2	See: DA9160000
64058-61-3	See: DB1595000
64058-61-3	See: DB1585000
64058-62-4	See: DB2800000
64058-63-5	See: CX7200000
64058-64-6	See: CX7250000
*64058-65-7	See: CY3850000
64058-67-9	See: AD5775000
64058-69-1	See: AD5850000
64058-71-5	See: AD5950000
*64058-72-6	See: OV6725000
64058-73-7	See: AD8700000
64058-74-8	See: OV7352000
64058-75-9	See: AE1840000
64058-76-0	See: AE1975000
64058-77-1	See: AE1980000
64058-78-2	See: AE1985000
64058-79-3	See: AD0757000
64058-80-6	See: AD0759000
64058-81-7	See: AD0775000
64058-82-8	See: AD0780000
64058-83-9	See: AD0790000
64058-84-0	See: AD0810000
64058-85-1	See: AD0820000
64058-86-2	See: AD0830000
64058-87-3	See: AD0840000
64058-88-4	See: AD0875000
64058-89-5	See: AB4090000
64058-90-8	See: XJ5123900
64058-91-9	See: AC7050000
*64058-92-0	See: AC8520000
64058-93-1	See: AC8575000
64058-94-2	See: AD1060000
64058-95-3	See: AD0302000
64058-96-4	See: AD0340000
64058-97-5	See: AD0600000
64058-98-6	See: AD0620000
64058-99-7	See: AD0640000
64059-00-3	See: AD0650000
64059-01-4	See: AD0750000
64059-02-5	See: AD0755000
64059-03-6	See: FA4410000
64059-04-7	See: FC5440000
64059-05-8	See: FA6650000
64059-06-9	See: FA6800000
64059-07-0	See: FB0260000
64059-08-1	See: FB0715000
64059-09-2	See: FB2850000
64059-10-5	See: FB4550000
64059-11-6	See: FB4750000
64059-12-7	See: FB4755000
*64059-13-8	See: FB5710000
64059-14-9	See: FB8225000
64059-15-0	See: FB8790000
64059-16-1	See: FB8800000
64059-17-2	See: FB8820000
64059-18-3	See: FB8860000
64059-19-4	See: FB9801000
64059-20-7	See: FB9802000
64059-21-8	See: FB9805000
64059-22-9	See: FB9808000
64059-23-0	See: FB9810000
*64059-26-3	See: OD3730000
64059-27-4	See: OD4200000

CAS No.	RTECS No.
*64059-29-6	See: BO8225000
64059-30-9	See: SG8650000
64059-31-0	See: SK1925000
64059-32-1	See: SL2230000
64059-33-2	See: MW0192000
64059-34-3	See: XM9340000
64059-35-4	See: XJ1260000
64059-36-5	See: CO4725000
64059-37-6	See: NY1500000
64059-38-7	See: CQ7160000
64059-39-8	See: BP0210000
64059-40-1	See: BR8425000
64059-42-3	See: AF9535000
64059-43-4	See: NX5870000
64059-44-5	See: NX5615000
64059-45-6	See: NX5150000
64059-46-7	See: NX5130000
64059-47-8	See: BS1660000
64059-48-9	See: CL5645000
64059-49-0	See: CL5610000
64059-53-6	See: XY2750000
64059-54-7	See: XZ2740000
64059-56-9	See: DN7700000
64059-58-1	See: QF0525000
64059-59-2	See: MP2600000
64059-60-5	See: RP1225000
64069-63-2	See: VR4025000
64069-93-8	See: DA4825000
*64070-10-6	See: CC7525000
*64070-11-7	See: CC7000000
*64070-12-8	See: CC7175000
64070-13-9	See: NZ3160000
*64070-14-0	See: BZ5950000
*64070-15-1	See: BZ6125000
64070-74-2	See: TY6822000
64070-75-3	See: BR1420000
64070-76-4	See: BR1320000
64070-77-5	See: BR1380000
64070-78-6	See: BR1540000
64070-79-7	See: XI2880000
64070-80-0	See: BO1500000
*64070-83-3	See: CG1300000
64070-85-5	See: AB1090000
64070-86-6	See: SM4200000
64070-87-7	See: XL2350000
64070-88-8	See: BO1400000
64070-90-2	See: QP0420000
*64070-91-3	See: XJ7055700
*64072-63-5	See: RA9453000
*64072-89-5	See: UK7900000
64082-33-3	See: WG9450000
64082-34-4	See: YW1350000
*64082-35-5	See: OJ6310000
64082-36-6	See: DW1925000
64082-37-7	See: SG8130000
64082-38-8	See: AB6930000
64082-39-9	See: CQ7065000
64082-40-2	See: CQ7430000
64082-41-3	See: AB6700000
64082-42-4	See: CQ0450000
*64082-43-5	See: CX5084000
*64083-05-2	See: OF6730000
64083-08-5	See: QK5650000
64090-81-9	See: SG9500000
*64090-82-0	See: BZ5775000
64092-06-4	See: OE4725000
64092-14-4	See: CM3420000
64092-15-5	See: BD2215000
64092-16-6	See: GF9535000
64092-17-7	See: GL6482500
64092-18-8	See: GL7205000
64092-19-9	See: GL6487500
64092-20-2	See: GL7740000
64092-21-3	See: GL7730000
64092-22-4	See: OO9288500
64092-23-5	See: QR6128000
64092-24-6	See: ZH0910000
64092-25-7	See: ZH4510000
*64092-48-4	See: UX9277000
*64093-79-4	See: QO6800000
64097-17-2	See: NX6040000
*64097-52-5	See: TM4291000
*64097-53-6	See: TK8160000
*64097-54-7	See: QD7880000
*64097-55-8	See: UX9706000
*64097-56-9	See: HO0930000
*64097-57-0	See: HO0547000
*64097-59-2	See: HO1005000
*64097-62-7	See: HO2551000
*64097-63-8	See: HO2890100
*64097-64-9	See: HO2550000
*64097-65-0	See: HO2890000
*64098-32-4	See: UV1200300
*64103-56-6	See: YX6030000
64118-86-1	See: CM6754000
64121-95-5	See: DE8396500
*64125-60-6	See: SL7760000
64157-78-4	See: NI3430000
64157-82-0	See: NI6950000
64158-05-0	See: WH1313200
64158-06-1	See: WH1313100
64158-08-3	See: WH1313300
64158-09-4	See: WH1312900
64187-18-4	See: AY6850000
*64187-24-2	See: MC0842000
64187-25-3	See: MB8000000
*64187-43-5	See: AY3277100
64187-44-6	See: AY7580000
64187-45-7	See: AY3276130
64218-34-4	See: TP2276650
64224-21-1	See: JP1293000
*64241-34-5	See: MV1720400
*64253-71-0	See: QI9294000
*64253-72-1	See: QI9297100
64253-73-2	See: QI9279170
*64267-45-4	See: KD1146020
*64267-46-5	See: KD1146500
*64267-47-6	See: KD1146700
*64272-70-4	See: WY2627000
64285-06-9	See: KM5527000
64285-53-6	See: DL6010000
64286-80-2	See: AY3277400
64286-81-3	See: AY3277500
64286-82-4	See: AY3276620
64286-84-6	See: AY3277200
64286-95-9	See: AY3276990
*64295-03-0	See: UV8138700
64295-10-9	See: MO3872000
64295-11-0	See: MO3873000
64296-50-0	See: KM5776000
64296-61-3	See: CB9376340
64304-19-4	See: HM0352400
64304-21-8	See: HM0352100
64304-22-9	See: HM0340200
64304-23-0	See: HM0351800
64304-24-1	See: HM0352700
*64314-28-9	See: QI9293500
*64318-79-2	See: UK7894500
*64323-88-2	See: NI6815000
*64330-03-6	See: AW5941000
*64365-11-3	See: FL7242500
64365-31-7	See: WQ1250000
*64366-24-1	See: FI0709000
*64387-77-5	See: TN1277000
*64387-78-6	See: TN1276000
*64414-68-2	See: DD0575000
64436-33-5	See: KN7375000
*64439-43-6	See: EM9240000
64440-87-5	See: GC9276000
64464-19-3	See: MU0800000
*64466-47-3	See: OB1837400
*64466-48-4	See: OB1837600
*64466-49-5	See: OB1838500
*64466-50-8	See: OB1838700
64471-12-1	See: YM4405000
64471-18-7	See: YM4375500
64471-19-8	See: YM4397500
64471-20-1	See: YM5450000
64471-21-2	See: YM5630000
64471-22-3	See: YM4402500
64471-26-7	See: YM4383000
64471-28-9	See: YM6030000
64471-29-0	See: YM4381000
64471-34-7	See: RD1475000
64474-88-0	See: QI9288700
64479-55-6	See: QI9445000
*64485-93-4	See: XI0250000
*64491-74-3	See: FD0478000
*64498-16-4	See: TM6537200
64502-43-8	See: YM5475000
64502-82-5	See: QI9290000
*64506-49-6	See: AI8987000
*64508-90-3	See: YV6191300
64520-15-6	See: QI9288900
64520-31-6	See: YM4407500
*64521-14-8	See: CW1796000
*64521-15-9	See: CW1797000
*64521-16-0	See: CX3154000
64538-68-7	See: TP2165000
*64550-80-7	See: CX3078000
*64551-89-9	See: CX3071000
64552-25-6	See: NY9080000
64553-60-2	See: CB9392930
*64571-05-7	See: UV6261100
*64584-47-0	See: BV8060240
*64584-48-1	See: BV8060250
*64584-51-6	See: BV8060150
*64584-52-7	See: TU5570400
*64584-57-2	See: DI4400000
*64584-59-4	See: BV8047730
*64584-61-8	See: BV8060260
*64584-65-2	See: BV8058600
*64584-72-1	See: BV8060220
*64584-74-3	See: BV8060270
*64584-77-6	See: KG5996000
*64584-78-7	See: KG8031000
*64584-79-8	See: RC9028000
*64584-80-1	See: BV8518500
*64598-80-7	See: CX3072000
*64598-82-9	See: CX3075000
*64598-83-0	See: CX3055000
*64610-52-2	See: UR6076300
*64610-56-6	See: UR6086000
*64610-57-7	See: KH2335000
*64610-60-2	See: UR6104000
*64610-62-4	See: KM5575000
*64610-63-5	See: KM5781900
*64610-67-9	See: UR6076800
*64610-73-7	See: UR6074470
*64610-74-8	See: UR6078600
*64622-45-3	See: CY1678800
*64625-46-3	See: BV8060160
*64632-00-4	See: XZ4180000
*64640-66-0	See: TH9203700
*64640-75-1	See: TH9203600
64644-36-6	See: PB9625500
*64647-31-0	See: XM7645000
*64647-37-6	See: TM5659600
*64647-38-7	See: TM5659400
*64647-41-2	See: TM5695000
*64647-42-3	See: TM5693000
*64653-03-8	See: WH6714330
*64653-05-0	See: WH6714370
64654-11-1	See: CU8760000
*64675-08-7	See: JF8370000
*64675-10-1	See: JF8360000
*64686-82-4	See: XJ7010300
64693-19-2	See: GU5570000
64693-20-5	See: GU5550000
64693-21-6	See: AB7907500
64693-23-8	See: GU5428000
64693-24-9	See: GU5430000
64693-25-0	See: GU5430500
*64693-33-0	See: SY9299000
64693-34-1	See: SG9550000
64693-35-2	See: SH4936000
64693-38-5	See: SH4938500
64693-49-8	See: UY0650000
64693-50-1	See: UY0600000
64693-51-2	See: TM6390000
*64700-56-7	See: AJ8970000
*64709-47-3	See: DE7045000
64719-39-7	See: UZ3495000
64755-06-2	See: CO1747050
*64755-15-3	See: TN0352000
*64765-33-9	See: CU7379500
*64775-52-6	See: MI5248000
64810-92-0	See: CP8401500
*64812-64-2	See: MI5247000
*64812-67-5	See: MI5431300
*64812-77-7	See: MI5431200
*64812-79-9	See: MI5245000
*64822-13-5	See: TL1360000
*64838-75-1	See: CX3072500
*64840-90-0	See: UH1755000
64854-98-4	See: CY1577500
64854-99-5	See: CY1575080
64859-49-0	See: CB9376595
64859-61-6	See: FL6457000
*64889-98-1	See: CM7970010
*64889-99-2	See: CM7970000
64891-35-6	See: MT8300000
64894-83-3	See: DG0940000
64895-01-8	See: AF1710000
64895-08-5	See: GD8000000
64895-18-7	See: AB4303000
64895-23-4	See: DB4250000
64895-40-5	See: GU1870000
64895-42-7	See: GU1890000
64895-46-1	See: GU1860000
*64902-72-3	See: YS6640000
64910-63-0	See: EK5750000
*64918-85-0	See: SC4751050
*64920-31-6	See: GC1150000
64925-45-7	See: OE5784515
*64925-80-0	See: SY2593000
64967-61-9	See: RK4385100
*64977-10-2	See: SI7011000
*64977-44-2	See: GC1230000
*64977-45-3	See: GC1235000

BEST COPY AVAILABLE

CAS No	RTECS No
*64977-46-6	See GA1248000
*64977-47-7	See GC8250000
*64977-48-8	See GC1250000
*64977-49-9	See GC1250500
*64977-50-2	See LI6501200
*65037-64-1	See MA2620000
*65039-62-1	See YR8443600
*65039-63-2	See YS9993000
*65039-64-3	See YS9994000
*65039-67-6	See YS9388000
*65039-16-7	See YS2762000
*65039-20-3	See YS9389100
*65039-22-5	See YS1459600
*65039-23-6	See YS5975000
*65039-24-7	See YS5979000
*65039-25-8	See YS5979900
*65039-26-9	See YS2765000
*65039-27-0	See YS1459500
*65039-29-2	See YS5290000
*65039-33-6	See YS3851000
*65039-32-5	See YS1436600
*65039-33-8	See YS1436800
*65039-34-9	See YS9389700
*65039-35-0	See YS9985000
*65039-36-1	See YS1462600
*65039-39-4	See YS1461400
*65039-41-8	See YS1459100
*65039-42-9	See YS2765000
*65039-43-0	See YS1879500
*65039-44-1	See YS5316000
*65039-45-2	See YS9389400
*65039-47-4	See YS5316800
*65039-48-5	See YS1970000
*65039-49-6	See YS2935000
*65039-50-9	See YS5710000
*65039-51-0	See YS3167800
*65051-92-1	See YD0110000
*65054-72-3	See GE5210000
*65057-90-1	See FC5990300
*65057-91-2	See FC5990890
*65057-97-8	See UU6130000
*65072-04-9	See YX7873000
*65073-18-9	See QE5264000
*65089-17-0	See AB5860000
*65096-73-7	See TA7955000
*65098-92-3	See RH0895000
*65101-44-2	See DM6577100
*65101-46-4	See MS5783700
*65101-47-5	See DM6577110
*65116-14-5	See DB3125020
*65116-29-2	See RT5790000
*65130-70-3	See RK4650000
*65140-47-6	See NK6475000
*65178-95-2	See YT1465940
*65179-07-3	See YS1822000
*65184-29-3	See UO8637700
*65189-78-8	See NK3521450
*65208-38-0	See EC6092000
*65216-94-6	See IE1380000
*65222-36-2	See TX7381500
*65222-36-8	See UV1373300
*65226-02-0	See GM4398500
*65226-03-1	See FI1909000
*65229-64-3	See VS5964000
*65235-63-8	See CB5975500
*65236-27-3	See SM5753000
*65240-90-9	See SN7267600
*65240-94-0	See SN7267700
*65240-95-1	See SN7267800
*65240-96-2	See SN7267000
*65240-97-3	See SN7267400
*65240-98-4	See SN7268000
*65240-99-5	See FB0990000
*65241-00-1	See FC2627650
*65241-01-2	See EZ1308000
*65241-02-3	See SN7268700
*65241-03-4	See SN7268300
*65241-04-5	See FA6660000
*65241-05-6	See FC2316000
*65241-06-7	See BB9820000
*65241-07-8	See SN7268800
*65241-08-9	See SN7268500
*65241-09-0	See FA9530000
*65241-10-3	See FC2627400
*65241-11-4	See EZ1006000
*65241-12-5	See SN7268900
*65241-13-6	See NJ5918000
*65241-29-4	See NJ5916000
*65241-30-7	See NJ5914000
*65241-31-8	See NJ5919000
*65256-16-8	See WZ6160000
*65277-42-1	See TB7912300
*65285-67-2	See TP2275960
*65285-68-3	See TP2275970
*65285-69-4	See TP2279000
*65285-66-1	See TP2276555
*65290-92-2	See SN7267100
*65296-78-8	See TP2276565
*65296-81-3	See TP1585500
*65296-82-4	See TP2276700
*65320-09-0	See UU2279000
*65320-92-3	See UU3873950
*65327-72-7	See UY3152450
*65327-73-8	See GY4212000
*65327-80-7	See TP7966000
*65357-64-4	See XW4105000
*65405-73-4	See AB7825400
*65407-76-7	See MF8435000
*65474-59-1	See RH0879000
*65478-62-9	See GU4400000
*65427-71-6	See DF8029800
*65427-75-0	See DF8027000
*65427-80-7	See DF8003400
*65427-82-9	See DF8027200
*65431-24-5	See UX4225000
*65431-26-7	See UX4230000
*65432-33-1	See VB0550000
*65445-59-2	See TM7322000
*65445-60-5	See TM4484450
*65445-61-6	See TM4484500
*65452-65-3	See FA6430000
*65452-06-4	See UD3425000
*65452-08-6	See UD3425600
*65452-09-7	See MC0599010
*65452-10-0	See MC0599013
*65452-11-1	See UD3355000
*65454-07-3	See BD3350000
*65454-10-6	See CQ1200000
*65454-12-8	See FH4430000
*65454-16-2	See WW2210000
*65454-18-4	See OL5986000
*65454-20-8	See MM3020000
*65454-22-0	See YD1390000
*65454-25-3	See YV1410000
*65454-27-5	See QS1826000
*65454-32-2	See LB1865000
*65455-34-4	See WM2590000
*65464-47-3	See CB9500000
*65464-48-4	See CB9639800
*65464-52-0	See WV3590000
*65464-54-2	See VH1620000
*65464-56-4	See WJ3400000
*65464-57-5	See WM2530000
*65464-58-6	See WN4390000
*65466-62-4	See DA9465200
*65466-63-5	See DA9465250
*65471-75-5	See TM6633000
*65484-61-3	See TP2162000
*65492-83-3	See NK5052005
*65492-84-4	See NK5050500
*65492-85-5	See NK5019000
*65492-86-6	See CK9795000
*65492-87-7	See NK5047000
*65495-13-0	See UD3425300
*65523-41-9	See TP2171600
*65542-51-5	See DG4977000
*65542-55-6	See DH4010200
*65542-56-7	See DG5644200
*65542-57-8	See DH4695000
*65542-58-9	See DH3528000
*65542-59-0	See DG0877000
*65542-70-3	See DG4913700
*65542-71-4	See DI2459000
*65542-72-5	See DI2980000
*65546-74-9	See VI2074000
*65548-63-2	See NM2755000
*65548-65-4	See NM2290000
*65548-69-8	See NM2282000
*65548-71-2	See NM2298000
*65548-72-3	See NM2408000
*65548-73-4	See NM2350000
*65548-74-5	See NM2390000
*65548-79-0	See NM2263000
*65561-73-1	See MD2770000
*65567-05-7	See UV0261000
*65572-55-6	See JW2791900
*65573-02-6	See MF3623500
*65587-38-4	See DG4255000
*65587-39-5	See RR9640000
*65602-18-8	See TA1842000
*65614-99-5	See NA0623000
*65647-11-2	See DF2720000
*65647-12-3	See DF2730000
*65647-14-5	See DF2710000
*65647-15-6	See DF2760000
*65647-16-7	See DF2750000
*65647-17-8	See SA9990000
*65647-18-9	See BB9930000
*65647-20-3	See BB8097500
*65647-21-4	See UY4565500
*65647-22-5	See TN5953100
*65651-04-9	See UW5954860
*65651-05-0	See QD1010000
*65666-64-0	See RJ7885000
*65697-87-2	See KZ5360000
*65697-89-4	See KZ5360100
*65709-00-7	See UC3086000
*65709-65-1	See WY2644000
*65720-12-9	See FD8944000
*65720-13-0	See FD8942000
*65720-14-1	See FD9774400
*65720-15-2	See FD8947800
*65720-16-3	See FD8942100
*65720-17-4	See FD9774200
*65720-18-5	See FD8942050
*65731-38-5	See MU7395000
*65751-49-3	See WY2642000
*65756-55-0	See RE7100000
*65767-30-1	See VR3549000
*65768-32-8	See CW1795060
65789-73-3	See [illegible]
65792-14-3	See TP4920000
*65792-36-5	See UF4520000
65793-30-2	See [illegible]
65802-36-4	See [illegible]
*65862-89-7	See [illegible]
*65873-40-9	See [illegible]
*65873-56-5	See UU3220400
*65873-57-6	See UV8167000
*65873-68-9	See UU3160000
65873-69-0	See [illegible]
65873-76-9	See [illegible]
*65875-75-1	See UV8233400
*65879-74-5	See UU7766000
*65884-40-0	See [illegible]
65894-77-5	See [illegible]
65894-78-6	See [illegible]
65900-18-7	See [illegible]
65907-42-8	See [illegible]
65907-44-0	See [illegible]
65907-45-1	See [illegible]
*65928-58-7	See [illegible]
65955-49-9	See [illegible]
65967-01-3	See [illegible]
*65978-83-6	See UO4378330
*65979-81-5	See ZH0379000
*65986-80-7	See AM1605900
65988-94-3	See NA5200001
*65996-77-2	See GH0C43500
*65996-79-4	See DF8635000
66016-16-8	See [illegible]
*66016-17-9	See GU1342000
*66016-18-0	See GU1338500
*66016-19-1	See GU1360000
*66016-20-4	See GU1345200
*66016-21-5	See GU1338000
66016-22-6	See GU1342000
*66016-23-7	See GU1346350
*66016-24-8	See GU1345500
*66016-27-1	See GU1340000
*66016-28-2	See GU1361000
66017-91-2	See AB7870000
*66048-43-5	See [illegible]
66052-62-8	See TS4912600
*66082-27-7	See VN2298000
*66104-23-2	See [illegible]
66104-24-3	See [illegible]
*66106-01-2	See WL7962000
66142-87-8	See [illegible]
66146-56-1	See [illegible]
66147-36-2	See [illegible]
66147-38-4	See MD2970000
66147-39-5	See MI1585000
66147-40-8	See AH0362200
66147-61-9	See PA8265000
66147-68-2	See [illegible]
66147-45-3	See [illegible]
66147-46-4	See [illegible]
66147-48-6	See [illegible]
66147-53-3	See [illegible]
66147-57-7	See [illegible]
66147-61-3	See [illegible]
66147-64-6	See RD7940000
66147-68-0	See SA1990000
66147-70-4	See PA1635000
66147-73-7	See KI7000000

* DATA HAVE NOT BEEN EVALUATED

[illegible] NOTATION DOES NOT IMPLY ANY BELIEF FROM REGULATORY AUTHORITIES

CAS No.	RTECS No.
66147-72-6	See: PB0410000
66147-73-7	See: PB0950000
66147-74-8	See: PB1130000
*66170-03-4	See: UC0728000
*66170-04-5	See: UC1790000
66171-52-6	See: KK2413000
66171-53-7	See: KK2410000
*66176-07-6	See: MJ9671100
*66176-08-7	See: MJ9671300
*66176-09-8	See: MJ9671400
*66176-10-1	See: MJ9652300
*66176-11-2	See: MJ9652900
*66176-12-3	See: MJ9671500
*66198-32-1	See: CB9653350
*66198-33-2	See: CB9653360
*66211-92-5	See: AG9427000
*66220-21-1	See: CB9653200
*66231-56-9	See: GK6990500
66240-89-9	See: CB9895000
66307-35-5	See: TL9422500
66307-43-5	See: TL9415000
66307-45-7	See: TL9320000
66307-46-8	See: TL9179000
66307-47-9	See: TL9299000
66307-48-0	See: TL9298000
66307-49-1	See: TL9299500
66307-50-4	See: TM1052000
66307-51-5	See: TL6951500
66307-52-6	See: TL9425000
66307-55-9	See: TL9340000
66307-56-0	See: TL9345000
66307-57-1	See: TL9278000
66307-58-2	See: TM2610000
66307-59-3	See: TM1054000
66307-60-6	See: TL9330000
66307-61-7	See: TL7760000
66307-62-8	See: TL7740000
66307-64-0	See: TL6950500
66309-69-1	See: XI0367000
*66317-91-7	See: AH4084000
*66354-89-0	See: NM1302300
*66354-90-3	See: NM1302000
*66354-91-4	See: NL6019400
*66354-94-7	See: NL6092000
*66354-96-9	See: NL6092010
*66354-98-1	See: NL9805200
*66355-01-9	See: NL9805000
*66355-03-1	See: NL7839700
*66355-06-4	See: NL9620000
*66355-08-6	See: NM1301500
*66357-35-5	See: KM6557000
*66403-51-8	See: NL6019410
*66403-52-9	See: NL9805100
*66408-78-4	See: JH7494000
66409-97-0	See: NY8970000
66409-98-1	See: NY9060000
66409-99-2	See: YX5092000
*66419-07-6	See: FH4978000
*66419-08-7	See: FH5250000
*66419-09-8	See: FH5280000
*66421-20-3	See: YN7405600
66422-19-3	See: DJ2982000
66422-20-6	See: AM5981000
66422-21-7	See: AM9466500
66424-06-4	See: BO1410000
66424-27-9	See: GU6000000
*66447-33-4	See: MA1267000
*66472-85-3	See: DG0939000
66473-26-5	See: BR1357000
66473-27-6	See: BP5350000
66473-28-7	See: BR7200000
66512-17-2	See: QI9420000
*66513-28-8	See: UP6100000
*66513-68-6	See: UY8419500
*66513-69-7	See: UY8419300
66525-20-0	See: CB9754800
66525-21-1	See: CB9754850
*66535-86-2	See: XZ5478400
*66555-02-0	See: JU9496200
*66568-82-9	See: DF9488000
*66568-83-0	See: DF9486500
*66584-72-3	See: OQ2291000
*66587-56-2	See: TI0585000
66591-54-6	See: DH2180000
66591-55-7	See: DH3460000
66591-60-4	See: XF7472000
66596-39-2	See: UX1450000
66596-42-7	See: EN0200000
66596-43-8	See: SB4212000
66596-44-9	See: SB4218000
66596-45-0	See: SB4216000
66596-46-1	See: SB3740000
66596-47-2	See: MJ9695000
66596-48-3	See: MP8640000
66596-49-4	See: UX1630000
66596-51-8	See: RG5928000
66596-52-9	See: UD4930000
66596-53-0	See: EM9500000
66596-55-2	See: SB3720000
66596-56-3	See: SB3710000
66596-62-1	See: NI2925000
66596-63-2	See: NI2922500
*66603-24-5	See: AC8985000
*66603-25-6	See: TM3517000
*66603-26-7	See: QD6495100
*66603-27-8	See: UX9475000
66634-53-5	See: SH5475000
*66649-55-6	See: TM3508750
66655-93-4	See: CB9420000
66685-15-2	See: UY1239000
*66712-78-5	See: WY2640000
66771-59-3	See: CB9937000
*66788-41-8	See: DO5464000
66789-14-8	See: QI9279700
66795-86-6	See: KF6297500
*66813-55-6	See: EK0120000
66816-88-4	See: AS6405000
*66826-72-0	See: TY9683010
*66826-73-1	See: TX9683000
66827-13-2	See: BS0500000
66827-14-3	See: BS0525000
66827-15-4	See: BS2520000
66827-16-5	See: BS4040000
66827-18-7	See: BS4045000
66827-20-1	See: BS4051000
66827-21-2	See: BS4055000
66827-22-3	See: BS4065000
66827-24-5	See: BS4071000
66827-25-6	See: BS4075000
66827-26-7	See: BS4080000
66827-27-8	See: BS5520000
66827-29-9	See: BS7730000
66827-30-3	See: BS7840000
66827-31-4	See: BS7846000
66827-32-5	See: BS7853000
66827-33-6	See: BS8590000
66827-34-7	See: BT0743000
66827-35-8	See: BT0746000
66827-36-9	See: AF9165000
66827-37-0	See: AF9175000
66827-38-1	See: AG0930000
66827-39-2	See: AG2700000
66827-40-5	See: AG5130000
66827-41-6	See: AG5140000
66827-42-7	See: AH0960000
66827-43-8	See: AH1250000
66827-44-9	See: AH1270050
*66827-45-0	See: SG9152000
66827-46-1	See: AH2757000
66827-48-3	See: AC7630000
66827-49-4	See: AF1450000
66827-50-7	See: AF1720000
66827-51-8	See: AF5957000
66827-52-9	See: AF6970000
66827-53-0	See: AB1235000
66827-54-1	See: AB1245000
66827-55-2	See: AB1250000
66827-57-4	See: AB4555000
66827-58-5	See: AB4782000
66827-59-6	See: AB4784000
66827-60-9	See: AB4850000
66827-61-0	See: AB5450000
66827-62-1	See: AB5970000
66827-63-2	See: AB8150000
66827-64-3	See: AB8140000
66827-65-4	See: AB8280000
66827-66-5	See: AB8390000
66827-67-6	See: AB8870000
66827-68-7	See: AB8900000
66827-69-8	See: JH2860000
66827-70-1	See: JH2880000
66827-71-2	See: JH6780000
66827-71-2	See: JH6775000
66827-72-3	See: JH6875000
66827-72-3	See: JH6850000
66827-73-4	See: BT5000000
*66827-74-5	See: BY7350000
66827-75-6	See: BZ4695000
66827-76-7	See: BZ4950000
66827-77-8	See: BZ5000000
66827-78-9	See: CA9430000
66827-79-0	See: CA9440000
66827-80-3	See: CB8765000
66827-81-4	See: CB8780000
66827-82-5	See: CB8785000
66827-83-6	See: CB8790000
66827-84-7	See: CB8795000
*66839-97-2	See: DV7670000
*66839-98-3	See: UY1329250
*66839-99-4	See: DV7660000
*66840-00-4	See: DV7010000
*66840-01-5	See: UY1229500
*66840-27-5	See: EZ8740100
66842-41-9	See: GC1226000
66842-42-0	See: CB0575000
66842-81-7	See: JJ4950000
66842-83-9	See: JL9425000
66842-84-0	See: JR5000000
66842-85-1	See: JR5020000
66842-86-2	See: JR5030000
66842-88-4	See: CV6165000
*66842-89-5	See: CV6195000
66842-90-8	See: CU5210000
66842-91-9	See: CU5640000
66842-95-3	See: CQ7171200
66842-96-4	See: CQ7171500
66842-98-6	See: CQ7172500
66842-99-7	See: CQ7174000
66843-00-3	See: CQ7190000
66843-01-4	See: CQ7192500
66843-02-5	See: CQ7195000
66843-03-6	See: CQ7210000
66843-04-7	See: CQ7215000
66843-05-8	See: CQ7220000
66843-06-9	See: CQ7240000
66843-07-0	See: CQ7260000
66843-08-1	See: CQ7270000
66843-09-2	See: CQ7440000
66843-10-5	See: CQ7450000
66843-11-6	See: CQ7460000
66843-12-7	See: CQ7490000
66843-13-8	See: CQ7505000
66843-14-9	See: CQ7510000
66843-15-0	See: CQ7730000
66855-79-6	See: BO8[illegible]0000
66855-80-9	See: YS5012000
66859-40-3	See: BS4060000
66859-41-4	See: AH2759000
66859-42-5	See: JM6785000
66859-43-6	See: AD0670000
66859-44-7	See: ES7040000
66859-45-8	See: ES7060000
66859-46-9	See: ES7080000
66859-47-0	See: ES7182000
66859-48-1	See: ES7190000
66859-49-2	See: ES9950000
66859-50-5	See: ET0620000
66859-51-6	See: ET6050000
66859-52-7	See: ES4301500
66859-53-8	See: ES4303000
66859-54-9	See: ES4304500
66859-55-0	See: ES4306000
66859-56-1	See: ES4307500
66859-57-2	See: ES4395500
66859-58-3	See: ES4396000
66859-59-4	See: ES4397000
66859-60-7	See: ES4398000
66859-61-8	See: ES4399000
66859-62-9	See: ES4445000
66859-63-0	See: ES4450000
66859-64-1	See: ES4470000
66859-65-2	See: ES5630000
66859-66-3	See: ES6575000
66859-67-4	See: ES6600000
66859-68-5	See: ES7020000
66859-69-6	See: EL3200000
66859-70-9	See: EL3900000
66859-71-0	See: EL7800000
66859-75-4	See: EQ6520000
66859-76-5	See: EQ6530000
66859-77-6	See: ES4100000
66859-78-7	See: ES4110000
*66866-63-5	See: OK6750000
*66871-34-9	See: YS2760500
*66871-37-2	See: YS2[illegible]10000
*66871-39-4	See: YS2696500
*66871-41-8	See: YS2761000
*66871-42-9	See: YS2760000
*66871-44-1	See: YS2697000
*66871-45-2	See: YS2697500
*66871-50-9	See: YR7877000
*66871-52-1	See: YS7893000
*66871-53-2	See: YR8434000
*66871-54-3	See: YS8096000
*66871-58-7	See: YT1462800
*66871-60-1	See: YT1461000
*66871-62-3	See: YT1459900
*66871-64-5	See: YT1459800
*66877-41-6	See: SL0560710
66892-82-8	See: RQ2700000

BEST C[illegible]

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*66898-62-2	See: QT2999200
66900-52-5	See: JH7540000
66900-52-5	See: JH7570000
66902-34-9	See: JI4850000
*66902-35-0	See: CV6185000
66902-36-1	See: AH2890000
66902-37-2	See: AH3086000
66902-38-3	See: AH3186000
66902-39-4	See: AH3188000
66902-40-7	See: AH3185000
66902-41-8	See: AH3210000
66902-43-0	See: AH3256000
66902-44-1	See: AH3260000
66902-45-2	See: AH3258000
66902-46-3	See: AH3265000
66902-47-4	See: AH3259000
66902-48-5	See: AH3259500
66902-49-6	See: AH3275000
66902-50-9	See: AH3259800
66902-51-0	See: AH3285000
66902-52-1	See: AH3305000
66902-53-2	See: AH3310000
66902-54-3	See: AH3315000
66902-55-4	See: AI2700000
66902-56-5	See: AI8963000
66902-57-6	See: AI8966000
66902-58-7	See: AJ2340000
66902-59-8	See: AJ2725000
66902-60-1	See: AJ2750000
66902-61-2	See: AJ3220000
66902-62-3	See: AY3280000
66902-64-5	See: BO2368000
66902-65-6	See: BO2375000
66902-66-7	See: BO2376000
66902-67-8	See: BO3745000
66902-69-0	See: BO6575000
66902-70-3	See: BO6700000
66902-71-4	See: BO6822500
66902-72-5	See: BO9850000
66902-73-6	See: BP0185000
66902-74-7	See: BP0285000
66902-75-8	See: BP0420000
66902-76-9	See: BP4955000
66902-77-0	See: BP4960000
66902-78-1	See: BP4965000
66902-79-2	See: BP4970000
66902-80-5	See: BP4975000
66902-81-6	See: BP5795000
66902-81-6	See: BP5794000
66902-82-7	See: BP5815000
66902-83-8	See: BP5880000
66902-84-9	See: BP5925000
66902-85-0	See: BP5935000
66902-86-1	See: BP6420500
66902-87-2	See: BP6476500
66902-88-3	See: BP6478000
66902-90-7	See: BP7210000
66902-92-9	See: BP7220000
66902-93-0	See: BP7650000
66902-94-1	See: BP7660000
66902-95-2	See: BP8052000
66902-97-4	See: BP8081400
66902-98-5	See: BP8077000
66903-00-2	See: BP8125000
66903-01-3	See: BP8212000
66903-02-4	See: BP8214000
66903-03-5	See: DO9150000
66903-04-5	See: DP1490000
66903-05-7	See: DP1554000
66903-06-8	See: DP1650000
66903-07-9	See: DP1950000
66903-08-0	See: DP2000000
66903-09-1	See: DP2690000
66903-10-4	See: DP2720000
66903-11-5	See: DP2730000
66903-12-6	See: DP2740000
66903-13-7	See: DP2860000
66903-14-8	See: DP2900000
66903-15-9	See: DP2910000
66903-16-0	See: DP4031000
66903-17-1	See: DP5000000
66903-18-2	See: DP5100000
66903-19-3	See: DP5380000
66903-21-7	See: DV7200000
66903-22-8	See: DY4200000
66903-23-9	See: EB0525000
66903-24-0	See: EC1500000
*66913-47-1	See: YX5089600
*66913-48-2	See: YX5089900
*66913-49-3	See: YX5089500
*66913-52-8	See: CC2610000
*66913-56-2	See: DG3380000
66922-67-6	See: AM4400000
66922-68-7	See: AM5300000
66922-69-8	See: AM9280000
66922-70-1	See: AM9460000
66922-71-2	See: AM9816000
66922-73-4	See: AR9600000
66922-74-5	See: AS6390000
66922-75-6	See: AS6410000
66922-76-7	See: AT1300000
66922-77-8	See: AT2300000
66922-78-9	See: AU4429000
*66922-79-0	See: AI4728000
66922-80-3	See: ES7325000
66922-81-4	See: ES4260000
66940-50-9	See: CQ2440000
66940-51-0	See: CQ2445000
66940-52-1	See: CQ2850000
66940-53-2	See: CQ3018000
66940-54-3	See: CQ3027000
66940-55-4	See: CQ3027200
66940-56-5	See: CQ3027300
66940-57-6	See: CQ3027400
66940-58-7	See: CQ3027500
66940-59-8	See: CQ3027800
66940-60-1	See: CQ3028600
66940-61-2	See: CQ3029400
66940-62-3	See: CQ3030200
66940-63-4	See: CQ3031000
66940-64-5	See: CQ3031800
66940-65-6	See: CQ3032600
66940-66-7	See: CQ3033400
66940-67-8	See: CQ3034200
66940-68-9	See: CQ3035000
66940-69-0	See: CQ3035800
66940-70-3	See: CQ3036000
66940-71-4	See: CQ3045000
66940-72-5	See: CQ3047500
66940-73-6	See: CQ3050000
66940-74-7	See: CQ3350000
66940-75-8	See: CQ3360000
66940-76-9	See: CQ3470000
66940-77-0	See: CQ3502000
66940-78-1	See: CQ3504000
66940-79-2	See: CQ3506000
66940-80-5	See: CQ3508000
66940-81-6	See: CQ3510000
66940-82-7	See: CQ3511000
66940-83-8	See: CQ3512000
66940-84-9	See: CQ3516000
66940-85-0	See: CQ3518000
66940-86-1	See: CQ3520000
66940-87-2	See: CQ3525000
66940-88-3	See: CQ3530000
66940-89-4	See: CQ3575000
66940-90-7	See: CQ3600000
66940-91-8	See: CQ3625000
66940-92-9	See: CQ3650000
66940-93-0	See: CQ3690000
66940-94-1	See: CQ3720000
66940-95-2	See: CQ3740000
66940-96-3	See: CQ3766000
66940-97-4	See: CQ3777000
66940-98-5	See: CQ4050000
66940-99-6	See: CQ4070000
66941-00-2	See: CQ4080000
66941-01-3	See: CQ4090000
66941-03-5	See: CQ4095000
66941-04-6	See: CQ4097500
66941-05-7	See: CQ4100000
66941-06-8	See: CQ4120000
66941-07-9	See: CQ4125000
66941-08-0	See: CQ4130000
66941-09-1	See: CQ4135000
66941-10-4	See: CQ4140000
66941-14-8	See: CQ4156000
66941-15-9	See: CQ4160000
66941-16-0	See: CQ4164000
66941-17-1	See: CQ4180000
66941-18-2	See: CQ4184000
66941-19-3	See: CQ4188000
66941-20-6	See: CQ4192000
66941-21-7	See: CQ4380000
66941-22-8	See: CQ4390000
66941-23-9	See: CQ4410000
66941-24-0	See: CQ4420000
66941-25-1	See: CQ4440000
66941-26-2	See: CQ4445000
66941-27-3	See: CQ4500000
66941-28-4	See: CQ4520000
66941-29-5	See: BP8216000
66941-30-8	See: BP8218000
66941-31-9	See: BP8219000
66941-32-0	See: BP8220000
66941-33-1	See: BP8222000
66941-34-2	See: BP8223000
66941-35-3	See: BP8241000
66941-36-4	See: BP8242000
66941-37-5	See: BP8243000
66941-38-6	See: BP8247500
66941-39-7	See: BQ2035000
66941-40-0	See: BQ2040000
66941-41-1	See: BQ2045000
66941-42-2	See: BQ2150000
66941-43-3	See: BQ2458000
66941-44-4	See: BQ2480000
66941-45-5	See: CO4100000
66941-46-6	See: CM4348000
66941-48-8	See: CP8117000
66941-49-9	See: CP8170000
66941-50-2	See: CP8250000
66941-51-3	See: CP8270000
66941-53-5	See: CP8313000
66941-54-6	See: CP8316000
66941-57-9	See: CP8335000
66941-59-1	See: CP8345000
66941-60-4	See: CP8403500
66941-61-5	See: CP8408000
66941-62-6	See: CP8413000
66941-63-7	See: CP8415000
66941-64-8	See: CP8416000
66941-65-9	See: CP8420000
66941-66-0	See: CP8440000
66941-67-1	See: CP8450000
66941-68-2	See: CP8455000
66941-70-6	See: CP8465000
66941-71-7	See: CP8470000
66941-72-8	See: CP8790000
66941-73-9	See: CP8800000
66941-74-0	See: CP9400000
66941-75-1	See: CP9410000
66941-76-2	See: CP9420000
66941-77-3	See: CP9430000
66941-78-4	See: CP9500000
66941-79-5	See: CQ0376000
66941-80-8	See: CQ0410000
66941-81-9	See: CQ0420000
66941-82-0	See: CQ0422000
66941-83-1	See: CQ0424000
66941-84-2	See: CQ0452500
66941-85-3	See: CQ0457500
66941-86-4	See: CQ0462500
66941-87-5	See: CQ0463000
66941-88-6	See: CQ0466000
66941-89-7	See: CQ0469000
66941-91-1	See: CQ0474000
66941-93-3	See: CQ0476000
66941-94-4	See: CQ0478000
66941-95-5	See: CQ0490000
66941-96-6	See: CQ0500000
66941-97-7	See: CQ0501500
66941-98-8	See: CQ0506000
66941-99-9	See: CQ0507500
66942-00-5	See: CQ0510000
66942-01-6	See: CQ0514000
66942-02-7	See: CQ0515000
66942-03-8	See: CQ0520000
66942-04-9	See: CQ0547500
66942-05-0	See: CQ0600000
66942-06-1	See: CQ0625000
66942-07-2	See: CQ0650000
66942-08-3	See: CQ0900000
66942-09-4	See: CQ0925000
66942-10-7	See: CQ0950000
66942-11-8	See: CQ1100000
66942-12-9	See: CQ1404000
66942-13-0	See: CQ1408000
66964-26-9	See: BV8058000
*66964-37-2	See: ES7030000
*66967-59-7	See: AJ2700000
66967-60-0	See: AK0960000
66967-61-1	See: BO2377000
66967-63-3	See: BP0305000
66967-65-5	See: BQ2047500
66967-66-6	See: BQ4300000
66967-67-7	See: BQ4360000
66967-68-8	See: BQ7075000
66967-69-9	See: BQ8180000
66967-70-2	See: BQ8185000
66967-71-3	See: BQ8192000
66967-72-4	See: BQ8322000
66967-73-5	See: BQ8333000
66967-74-6	See: BQ8338000
66967-75-7	See: BQ8340000
66967-76-8	See: BQ8375000
66967-77-9	See: BQ8870000
66967-78-0	See: BR1351000
66967-79-1	See: BR1352400
66967-80-4	See: BR1352800

CAS No.	RTECS No.
66967-81-5	See: BR1353200
66967-82-6	See: BR1353600
66967-83-7	See: BR1520000
66967-84-8	See: BR1600000
66967-85-9	See: BR1610000
66967-86-0	See: BR1692500
66967-87-1	See: BR3160000
66967-88-2	See: BR5778200
66967-89-3	See: BR5778400
66967-90-6	See: BR5778600
66967-91-7	See: BR5779000
66967-92-8	See: BR5779200
66967-93-9	See: BR5779400
66967-94-0	See: BR5779600
66967-97-3	See: BR5779800
66967-98-4	See: BR5779900
66967-99-5	See: BR5907500
66968-00-1	See: BR5908500
66968-01-2	See: BR6360000
66968-02-3	See: BR7030000
66968-03-4	See: BR9760000
66968-04-5	See: BS0486000
66968-05-6	See: CE0200000
66968-06-7	See: CE0920000
66968-07-8	See: CE0940000
66968-08-9	See: CE1058000
*66968-09-0	See: CG8300000
*66968-11-4	See: CH3550000
66968-12-5	See: CI9475000
66968-13-6	See: CL5606000
66968-14-7	See: CL5616500
66968-15-8	See: CL6175000
66968-16-9	See: CM3590000
66968-17-0	See: CM4100000
66968-18-1	See: CM4303000
66968-19-2	See: CM4318000
66968-20-5	See: CM4333000
66968-21-6	See: CQ4553000
66968-22-7	See: CQ4556000
66968-24-9	See: CQ4574000
66968-26-1	See: CQ4580000
66968-27-2	See: CQ4825000
66968-29-4	See: CQ4598000
66968-30-7	See: CQ4610000
66968-31-8	See: CQ4616000
66968-32-9	See: CQ4622000
66968-33-0	See: CQ4624000
66968-34-1	See: CQ4626000
66968-35-2	See: CQ4800000
66968-36-3	See: CQ4805000
66968-37-4	See: CQ4810000
66968-38-5	See: CQ4820000
66968-39-6	See: CQ4830000
66968-41-0	See: CQ4850000
66968-42-1	See: CQ4860000
66968-43-2	See: CQ4870000
66968-44-3	See: CQ4890000
66968-45-4	See: CQ4910000
66968-46-5	See: CQ4981000
66968-47-6	See: CQ4982000
66968-48-7	See: CQ4984000
66968-49-8	See: CQ4990000
66968-50-1	See: CQ4995000
66968-51-2	See: CQ5050000
66968-52-3	See: CQ5060000
66968-53-4	See: CQ5065000
66968-54-5	See: CQ5150000
66968-55-6	See: CQ5175000
66968-56-7	See: CQ5358000
66968-57-8	See: CQ5366000
66968-58-9	See: CQ5374000
66968-59-0	See: CQ5382000
66968-60-3	See: CQ5400000
66968-61-4	See: CQ5410000
66968-62-5	See: CQ5420000
66968-63-6	See: CQ5450000
66968-65-8	See: CQ5520000
66968-66-9	See: CQ5530000
66968-67-0	See: CQ5581500
66968-68-1	See: CQ6503000
66968-69-2	See: CQ5590000
66968-70-5	See: CQ5592000
66968-71-6	See: CQ5594000
66968-72-7	See: CQ5594500
66968-73-8	See: CQ5750000
66968-74-9	See: CQ5760000
66968-77-2	See: CQ6400000
66968-78-3	See: CQ6510400
66968-79-4	See: CQ6510800
66968-80-7	See: CQ6511200
66968-81-8	See: CQ6511600
66968-83-0	See: CQ6512400
66968-84-1	See: CQ6513000
66968-85-2	See: CQ6514500
66968-86-3	See: CQ6516000
66968-87-4	See: CQ6517500
66968-88-5	See: CQ6522000
66968-89-6	See: CQ6525000
66968-90-9	See: CQ6526500
66968-91-0	See: CQ6540000
66968-92-1	See: CQ6550000
66968-95-4	See: CQ6561000
66968-96-5	See: CQ6563000
66968-97-6	See: CQ6600000
66968-98-7	See: CQ6665000
66968-99-8	See: CQ6680000
66969-00-4	See: CQ6685000
66969-01-5	See: CQ6690000
66969-02-6	See: AU4705000
66969-03-7	See: AM0535000
*66974-73-0	See: CU8765000
*66974-80-9	See: YT1525000
*66974-82-1	See: NT1580000
*66976-51-0	See: QD6483000
66984-60-9	See: CQ0522300
66984-61-0	See: CQ4400000
67011-21-6	See: CL5604000
67011-22-7	See: BS0340000
67011-23-8	See: BR1410000
67011-24-9	See: BR0200000
67011-25-0	See: BQ8348000
67011-26-1	See: BQ8345000
67011-27-2	See: BQ8325000
67011-28-3	See: BQ4315000
67011-29-4	See: DF3630000
67011-30-7	See: DF3650000
67011-31-8	See: DF3720000
67011-32-9	See: DF3740000
67011-33-0	See: DF3815000
67011-34-1	See: DF4100000
67011-35-2	See: DF4225000
67011-36-3	See: DF4250000
67011-37-4	See: DF4780000
*67011-39-6	See: DF9700000
67011-40-9	See: DG0886000
67011-41-0	See: DG0881000
67011-42-1	See: DG0882500
67011-43-2	See: DG0884000
67011-44-3	See: DG0890000
67011-45-4	See: DG1100000
67011-46-5	See: DG1587000
*67011-47-6	See: CV6205000
67011-48-7	See: CV6215000
67011-49-8	See: DB0980000
67011-50-1	See: DC8430000
67011-51-2	See: DD2470000
67013-94-9	See: GU7882000
67013-95-0	See: UY1421500
67015-80-9	See: AX4980000
67015-81-0	See: AX5231585
*67015-82-1	See: AX5241000
67019-78-7	See: NI8030000
*67023-16-9	See: AE1974270
67026-12-4	See: JH1935000
67026-13-5	See: XY7095000
67026-14-6	See: XY7155000
67026-15-7	See: XY7150000
67026-28-4	See: MF0030000
67026-39-5	See: MF0022000
67026-46-4	See: MF0024000
67026-47-5	See: MF0024000
67026-48-6	See: MF0036000
67026-49-7	See: MF0028000
67026-50-0	See: MF0018000
67026-51-1	See: MF0020000
67026-52-2	See: MF0012000
67026-54-4	See: MF0032000
67026-56-6	See: MF0190000
67026-60-2	See: MF0010000
67026-61-3	See: ME8930000
67026-72-6	See: ME8960000
67026-73-7	See: MF3620000
67026-76-0	See: FD0405500
67026-78-2	See: LQ3175000
67026-83-9	See: MF5610000
67026-87-3	See: ME8955000
67026-91-9	See: ME8950000
67027-57-0	See: HD9700000
67031-38-3	See: DN4800000
67031-39-4	See: DN5200000
67031-40-7	See: DQ0650000
67031-41-8	See: DQ4050000
67031-42-9	See: DQ5960000
67031-43-0	See: DQ6010000
67031-44-1	See: DM4340000
67031-45-2	See: DM4473500
67031-46-3	See: DM4260000
67031-47-4	See: DM4275000
67031-48-5	See: DG2351000
67031-49-6	See: DG2290000
67031-51-0	See: DG2904000
67031-52-1	See: DG2914000
67031-53-2	See: DG2918000
67031-54-3	See: DG3018000
67031-55-4	See: DG3030000
67031-56-5	See: DG3330000
67031-57-6	See: DG3800000
67031-58-7	See: DG4225000
67031-59-8	See: DG4250000
67031-60-1	See: DG4340000
67031-61-2	See: DG4360000
67031-62-3	See: DG4438000
67031-63-4	See: DI0880000
67031-64-5	See: DI0890000
67031-65-6	See: DI0900000
67031-66-7	See: DH5296000
67031-67-8	See: DH6360000
67031-68-9	See: DH6400000
67031-69-0	See: DH6465000
67031-70-3	See: DH6480000
67031-71-4	See: DH6483500
67031-72-5	See: DH6483000
67031-73-6	See: DH6308000
67031-74-7	See: DH6316000
67031-75-8	See: DH6524000
67031-76-9	See: DH6532000
67031-77-0	See: DH6540000
67031-78-1	See: DH6548000
67031-79-2	See: DH6556000
67031-80-5	See: DH6564000
67031-81-6	See: DH6572000
67031-82-7	See: DH6580000
67031-83-8	See: DH6600000
67031-84-9	See: DH4020000
67031-85-0	See: DH4022500
67031-86-1	See: DH4030000
67031-87-2	See: DH4060000
67031-88-3	See: DH4070000
67031-89-4	See: DH4083000
67031-90-7	See: DH4086000
67031-91-8	See: DH4095000
67031-92-9	See: DH4110000
67031-93-0	See: DH4130000
67031-94-1	See: DH4180000
67031-95-2	See: DH4400000
67031-96-3	See: DH4450000
67031-97-4	See: DH6282000
67031-98-5	See: DH6284000
67031-99-6	See: DH6289000
67032-00-2	See: DH6292000
67032-01-3	See: DH6293000
67032-02-4	See: DH2160000
67032-03-5	See: DH2400000
67032-04-6	See: DH2440000
67032-05-7	See: DH2500000
67032-06-8	See: DH2520000
67032-07-9	See: DH2950000
67032-08-0	See: DH3053000
67032-09-1	See: DH3056000
67032-10-4	See: DH3073000
67032-11-5	See: DH3076000
67032-12-6	See: DH3110000
67032-13-7	See: DH3120000
67032-14-8	See: DH3210000
67032-15-9	See: DH3240000
67032-16-0	See: DH3260000
67032-17-1	See: DH3510000
67032-18-2	See: DH3920000
67032-19-3	See: DH3920050
67032-20-6	See: DH4015000
67032-21-7	See: DH4010000
67032-22-8	See: DH4015000
67032-23-9	See: DG5777500
67032-24-0	See: DG5780000
67032-25-1	See: DG5785000
67032-26-2	See: DG5790000
67032-27-3	See: DG6250000
67032-28-4	See: DG6270000
67032-29-5	See: DG6283000
67032-30-8	See: DG6330000
67032-31-9	See: DG8560000
67032-32-0	See: DG8590000
67032-33-1	See: DG8593000
67032-34-2	See: DG8596000
67032-35-3	See: DG8730000
67032-36-4	See: DG8945000
67032-37-5	See: DG4455000
67032-38-6	See: DG4458000
67032-39-7	See: DG4459000
67032-40-0	See: DG4460100

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

DES/ COPY

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
67032-41-1	See: DG4467500
67032-42-2	See: DG4468500
67032-43-3	See: DG4469500
67032-44-4	See: DG4570000
*67032-45-5	See: DG4590000
67032-46-6	See: DG4610000
67032-47-7	See: DG4630000
67032-48-8	See: DG4650000
67032-49-9	See: DG4933000
67032-50-2	See: DG4941000
67032-51-3	See: DG4949000
67032-52-4	See: DG4957000
67032-53-5	See: DG4965000
67032-54-6	See: DG4973000
67032-55-7	See: DG5645000
67032-56-8	See: DG5655000
*67037-37-0	See: RM2981700
67046-13-3	See: IA4100000
67048-35-5	See: DH6294000
67049-41-6	See: DH0228000
67049-42-7	See: DH0230000
67049-43-8	See: DH0232000
67049-44-9	See: DH0234000
67049-45-0	See: DH0236000
67049-46-1	See: DH0238000
67049-47-2	See: DH1350000
67049-48-3	See: DH1430000
67049-49-4	See: DH1497500
67049-50-7	See: DH1550000
67049-51-8	See: DH1560000
67049-52-9	See: DH2120000
67049-53-0	See: DH2140000
67049-54-1	See: DG8955000
67049-55-2	See: DG9080000
67049-56-3	See: DG9084000
67049-57-4	See: DG9088000
67049-58-5	See: DG9092000
67049-59-6	See: DG9096000
67049-60-9	See: DG9830000
67049-61-0	See: DG9872000
67049-62-1	See: DG9874000
67049-63-2	See: DG9878000
67049-64-3	See: DG9950000
67049-65-4	See: DH0221000
67049-66-5	See: DH0222000
67049-67-6	See: DH0224000
67049-68-7	See: DH0226000
67049-69-8	See: EU2315000
67049-70-1	See: EU2335000
67049-71-2	See: EX0440000
67049-72-3	See: EZ1890000
67049-73-4	See: EZ3440000
67049-74-5	See: EZ4050000
67049-75-6	See: EZ4075000
67049-76-7	See: EZ4100000
67049-77-8	See: EZ4125000
67049-78-9	See: EZ8000000
67049-79-0	See: EZ8743500
67049-80-3	See: EZ877500G
67049-81-4	See: EZ9030000
67049-82-5	See: EZ9069000
67049-83-6	See: EZ9216000
67049-84-7	See: EZ9228000
67049-85-8	See: EZ9235000
67049-86-9	See: EZ9300000
67049-87-0	See: EZ9700000
67049-89-2	See: FA1415000
67049-90-5	See: FA2300000
67049-91-6	See: FA2500000
67049-92-7	See: FA2640000
67049-93-8	See: FA4201500
67049-94-9	See: FA4430000
67049-95-0	See: FD0835000
67049-96-1	See: CQ1412000
67049-97-2	See: CQ1416000
67049-98-3	See: CQ1420000
67049-99-4	See: CQ1423000
67050-00-4	See: CQ1430000
67050-01-5	See: CQ1432000
67050-02-6	See: CQ1433500
67050-03-7	See: CQ1435000
67050-04-8	See: CQ1436000
67050-05-9	See: CQ1440000
67050-06-0	See: CQ1444000
67050-07-1	See: CQ1448000
67050-08-2	See: CQ1450000
67050-09-3	See: CQ1452000
67050-10-6	See: CQ1456000
67050-11-7	See: CQ1458000
67050-12-8	See: CQ1462000
67050-13-9	See: CQ1464000
67050-14-0	See: CQ1468000
67050-15-1	See: CQ1470000
67050-16-2	See: CQ1472000
67050-17-3	See: CQ1474000
67050-18-4	See: CQ1476000
67050-19-5	See: CQ1482500
67050-20-8	See: CQ1485000
67050-21-9	See: CQ1487500
67050-23-1	See: CQ1495000
67050-24-2	See: CQ1497500
67050-25-3	See: CQ1560000
*67050-26-4	See: CQ1900000
67050-27-5	See: CQ1930000
67050-28-6	See: CQ1960000
67050-29-7	See: CQ1970000
67050-30-0	See: CQ2282000
67050-32-2	See: CQ2296000
67050-34-4	See: CQ2306000
67050-35-5	See: CQ2312000
67050-36-6	See: CQ2314000
67050-37-7	See: CQ2315000
67050-38-8	See: CQ2317500
67050-39-9	See: CQ2320000
67050-40-2	See: CQ2325000
67050-41-3	See: CQ2326000
67050-42-4	See: CQ2328000
67050-43-5	See: CQ2330000
67050-44-6	See: CQ2332000
67050-45-7	See: CQ2333000
67050-46-8	See: CQ2333700
67050-47-9	See: CQ2334400
67050-48-0	See: CQ2335000
67050-49-1	See: CQ2337500
67050-50-4	See: CQ2340000
67050-51-5	See: CQ2341500
67050-52-6	See: CQ2343000
67050-53-7	See: CQ2346000
67050-54-8	See: CQ2365000
67050-55-9	See: CQ2385400
67050-56-0	See: CQ2385800
67050-57-1	See: CQ2386400
67050-58-2	See: CQ2386600
67050-59-3	See: CQ2387000
67050-60-6	See: CQ2387200
67050-61-7	See: CQ2387400
67050-64-0	See: CQ2390700
67050-65-1	See: CQ2391400
67050-67-3	See: CQ2392700
67050-68-4	See: CQ2393400
67050-69-5	See: CQ2394000
67050-70-8	See: CQ2398000
67050-71-9	See: CQ2400000
67050-72-0	See: CQ2402000
67050-73-1	See: CQ2404000
67050-74-2	See: CQ2406000
67050-75-3	See: CQ2408000
67050-76-4	See: CQ2410000
67050-77-5	See: CQ2412000
67050-78-6	See: CQ2414000
67050-80-0	See: CQ2418000
67050-81-1	See: CQ2419000
67050-82-2	See: CQ2430000
67050-83-3	See: CQ6695000
67050-85-5	See: CQ6760000
67050-86-6	See: CQ6764000
67050-87-7	See: CQ6772000
67050-88-8	See: CQ6800000
67050-89-9	See: CQ6810000
67050-90-2	See: CQ6835000
67050-91-3	See: CQ7030000
67050-92-4	See: CQ7051000
67050-93-5	See: CQ7052000
67050-94-6	See: CQ7053000
67050-95-7	See: CQ7053200
67050-96-8	See: CQ7053500
67050-97-9	See: CQ7055000
67050-99-1	See: CQ7055600
67051-00-7	See: CQ7056000
67051-01-8	See: CQ7057000
67051-02-9	See: CQ7058000
67051-03-0	See: CQ7062400
67051-04-1	See: CQ7062800
67051-05-2	See: CQ7063000
67051-06-3	See: CQ7063200
67051-08-5	See: CQ7064000
67051-09-6	See: CQ7064400
67051-12-1	See: CQ7065600
67051-14-3	See: CQ7066400
67051-16-5	See: CQ7066700
67051-17-6	See: CQ7067600
67051-18-7	See: CQ7068000
67051-19-8	See: CQ7068400
67051-20-1	See: CQ7068450
67051-21-2	See: CQ7068500
67051-23-4	See: CQ7069400
67051-24-5	See: CQ7069800
67051-25-6	See: CQ7071000
67051-26-7	See: CQ7071300
67051-27-8	See: CQ7071600
67051-28-9	See: CQ7072000
67051-29-0	See: CQ7072500
67051-30-3	See: CQ7072800
67051-31-4	See: CQ7072900
67051-32-5	See: CQ7073100
67051-33-6	See: CQ7074000
67051-34-7	See: CQ7080500
67051-35-8	See: CQ7081000
67051-36-9	See: CQ7083000
67051-37-0	See: CQ7085000
67051-38-1	See: CQ7087000
67051-39-2	See: CQ7088000
67051-40-5	See: CQ7089000
67051-41-6	See: CQ7130000
67051-42-7	See: CQ7160200
67051-43-8	See: CQ7160400
67051-44-9	See: CQ7162000
67051-45-0	See: CQ7163500
67051-46-1	See: CQ7164000
67051-47-2	See: CQ7164100
67051-48-3	See: CQ7164300
67051-49-4	See: CQ7164600
67051-50-7	See: CQ7166000
67051-51-8	See: CQ7167000
67051-52-9	See: CQ7167500
67051-53-0	See: CQ7168000
67051-54-1	See: CQ7168500
67051-55-2	See: CQ7169000
67051-56-3	See: CQ7169300
67051-57-4	See: CQ7169600
67051-58-5	See: CQ7170000
67051-59-6	See: CQ7170200
67051-60-9	See: CQ7170400
67051-61-0	See: CQ7170500
67051-62-1	See: CQ7170700
*67055-59-8	See: UG2950000
*67057-34-5	See: WH7138000
67057-80-1	See: UT7155000
67057-81-2	See: UT3765000
67057-82-3	See: UT3002500
67057-83-4	See: US7225000
67057-84-5	See: US4037500
67057-85-6	See: AE6950000
67057-86-7	See: UT6385000
67057-87-8	See: UT6387500
67057-88-9	See: UT7150000
67057-89-0	See: UT9900000
67057-91-4	See: KR8950000
67057-92-5	See: EO5230000
67057-93-6	See: DP5625000
67057-94-7	See: SH8942500
67057-95-8	See: KR6119000
67057-96-9	See: TN1075000
67057-97-0	See: QE5715000
67057-98-1	See: QE9585000
67057-99-2	See: TK9650000
67070-18-2	See: DH4040000
67070-19-3	See: DH6270100
67070-21-7	See: DG5900000
67070-22-8	See: DH4092500
*67076-52-2	See: XW5538000
67076-53-3	See: KC1600000
67076-74-8	See: MC0593500
67086-80-0	See: XJ5962000
67086-81-1	See: XJ5139500
67086-82-2	See: XJ6125200
67086-83-3	See: XJ5961000
*67086-84-4	See: XJ5139000
67086-85-5	See: XJ6051000
67086-87-7	See: XJ6125100
67114-17-4	See: CQ7160800
67114-18-5	See: CQ6830000
67114-19-6	See: CQ6950000
67114-20-9	See: CQ2396000
67114-21-0	See: DG9060000
67114-22-1	See: DG9070000
67114-23-2	See: DH0215000
67114-24-3	See: CQ6900000
67114-25-4	See: CQ7067200
67114-26-5	See: CQ7069200
67114-27-6	See: CQ7069500
67114-29-8	See: EU2305000
67114-83-4	See: EL1535000
67124-90-7	See: CQ7061000
*67129-08-2	See: AB5442000
67159-67-5	See: UY7352000
67159-74-4	See: UY7358550
67160-86-5	See: YT9820000
67166-69-2	See: AX4990000
67189-26-8	See: XJ5457700

BEST COPY AVAILABLE

CAS No.	RTECS No.
67189-27-9	See: XJ5545500
67189-28-0	See: XJ6054000
67189-29-1	See: XJ6155000
*67189-30-4	See: XJ5963000
67189-31-5	See: XJ5964000
67189-33-7	See: XJ5457750
67189-34-8	See: XJ6125300
67189-36-0	See: XJ5131880
67189-37-1	See: XJ5426900
67189-38-2	See: XJ6061300
67189-39-3	See: XJ5565500
67195-18-0	See: HO8645000
67195-19-1	See: HO8695000
67195-20-4	See: HO8705000
67195-21-5	See: HO9115000
67195-22-6	See: HO9160000
67195-24-8	See: HO9600000
67195-25-9	See: HP0185000
67195-26-0	See: HP0195000
67195-27-1	See: HP0400000
67195-28-2	See: HP0950000
67195-29-3	See: HP1133000
67195-30-6	See: HP1136000
67195-31-7	See: HP1139000
67195-32-8	See: HP1584000
67195-33-9	See: HP1587000
67195-34-0	See: HP1589000
67195-35-1	See: HP1591000
67195-36-2	See: HP1605000
67195-37-3	See: HP1610000
67195-38-4	See: HP1617000
67195-39-5	See: HP2370000
67195-40-8	See: HQ6580000
67195-41-9	See: HQ6700000
67195-42-0	See: HQ6710000
67195-43-1	See: HQ6720000
67195-44-2	See: HQ6835000
67195-45-3	See: HQ6845000
67195-46-4	See: HQ6920000
67195-47-5	See: HQ7140000
67195-48-6	See: HZ9512000
*67195-50-0	See: FZ2700000
*67195-51-1	See: FZ4040000
67195-52-2	See: GB7890000
67195-53-3	See: GB7895000
67195-54-4	See: GB7900000
67195-55-5	See: GB7905000
67195-56-6	See: GB7910000
67195-57-7	See: GB7915000
67195-58-8	See: GB7920000
67195-59-9	See: GB7925000
67195-60-2	See: GB7930000
67195-61-3	See: GB7935000
67195-62-4	See: GB7940000
*67195-63-5	See: GB7945000
67195-64-6	See: GB7960000
67195-65-7	See: GB7965000
67195-66-8	See: GB7970000
67195-67-9	See: GB7975000
67195-68-0	See: GB7980000
67195-69-1	See: GB7985000
67195-70-4	See: GB7994000
67195-71-5	See: GB8000000
67195-72-6	See: GB8080000
67195-73-7	See: GB8090000
67195-74-8	See: GB8095000
67195-75-9	See: GB8110000
67195-76-0	See: GB8115000
67195-77-1	See: GB8120000
67195-78-2	See: GB8125000
67195-79-3	See: GB8130000
67195-80-6	See: GB8135000
67195-81-7	See: GB8140000
67195-82-8	See: GB8145000
67195-83-9	See: GB8150000
67195-84-0	See: GB8155000
67195-85-1	See: GB8160000
67195-86-2	See: GB8165000
67195-87-3	See: GB8170000
67195-88-4	See: GB8180000
67195-89-5	See: GB8185000
67195-90-8	See: GB8190000
67195-91-9	See: FD1755000
67195-92-0	See: FD7650000
67195-93-1	See: FD8625000
67195-94-2	See: FD8650000
67195-95-3	See: FD8675000
67195-96-4	See: FD8751500
67195-97-5	See: FD8759500
67195-98-6	See: FD8759850
67195-99-7	See: FD9310000
67196-00-3	See: FD9400000
*67196-01-4	See: FD9746000
67196-02-5	See: FD9780000
67196-03-6	See: FE6035000
67196-04-7	See: FE6224500
67196-05-8	See: FE6225000
67196-06-9	See: FE6237000
67196-07-0	See: FE6238000
67196-08-1	See: FE6251000
67196-09-2	See: FE6252000
67196-10-5	See: FE6253000
67196-11-6	See: FE6254000
67196-12-7	See: FE6268000
67196-13-8	See: FE6271100
67196-14-9	See: FE6271000
67196-15-0	See: FE6274000
67196-16-1	See: FE6278000
67196-17-2	See: FE6279000
67196-18-3	See: FG0420000
67196-19-4	See: HD7150000
67196-20-7	See: HM0362500
67196-21-8	See: HM0373900
67196-22-9	See: HM0420500
67196-23-0	See: HM0436500
67196-24-1	See: HM0438100
67196-25-2	See: HM0467500
67196-26-3	See: HM0485800
67196-27-4	See: HM0600000
67196-28-5	See: HM2958000
67196-29-6	See: HM2960400
67196-30-9	See: HM2960500
67196-31-0	See: HM2961000
67196-32-1	See: HM2961500
67196-33-2	See: HM2961700
67196-34-3	See: HM2962000
67196-35-4	See: HM2962300
67196-36-5	See: HM2962500
67196-37-6	See: HM2962800
67196-38-7	See: HM2963000
67196-39-8	See: HM2963500
67196-40-1	See: HM2964000
67196-41-2	See: HM2964300
67196-42-3	See: HM2964500
67196-43-4	See: HM2964800
67196-44-5	See: HM2965200
67196-45-6	See: HM2965500
67196-47-8	See: HM3813000
67196-48-9	See: HM3817000
67196-49-0	See: HO3168000
67196-50-3	See: HO7800000
67196-51-4	See: HO7877000
67196-52-5	See: HO8270000
67196-53-6	See: HO7880000
67196-54-7	See: HO7881000
67196-55-8	See: HO7882000
67196-56-9	See: HO7895000
67196-57-0	See: HO8250000
67196-58-1	See: HO8308000
67196-60-5	See: HO8310000
67196-61-6	See: HO8314000
67196-62-7	See: HO8334000
67196-63-8	See: HO8585000
67196-64-9	See: HO8595000
67196-65-0	See: HO8615000
67196-66-1	See: HO8635000
67205-34-9	See: CZ1945000
67205-35-0	See: CZ1949000
67205-36-1	See: CZ1946000
67205-37-2	See: CZ1947000
67205-43-0	See: CZ1945500
67205-49-6	See: CZ1935000
67205-50-9	See: DC1960600
67205-51-0	See: DC1960200
67205-52-1	See: DC1960400
67205-66-7	See: CZ1953000
67205-67-8	See: CZ1942000
67205-72-5	See: CZ1948500
67210-46-2	See: GD7900000
67210-47-3	See: GD8552000
67210-48-4	See: GD8554000
67210-49-5	See: GD8558000
67210-51-9	See: GD9002000
67210-52-0	See: GD9003500
67210-53-1	See: GD9007000
67210-54-2	See: GD9500000
67210-55-3	See: GD9520000
67210-56-4	See: GD9850000
67210-57-5	See: GD9900000
67210-58-6	See: GD9920000
67210-59-7	See: GD9950000
67210-60-0	See: GE0250000
67210-61-1	See: GE0720000
67210-62-2	See: GE0730000
67210-63-3	See: GE0750000
67210-64-4	See: GG6620000
67210-65-5	See: GN4937500
67210-66-6	See: GN6380000
67210-67-7	See: GN6500000
67210-68-8	See: GN7550000
67210-69-9	See: GN7600000
67219-44-7	See: TA1852000
67226-80-6	See: GB8175000
67226-81-7	See: HO8625000
67226-82-8	See: HP1630000
67226-83-9	See: GB7955000
67226-84-0	See: KH2700000
67226-85-1	See: KI1530000
67226-86-2	See: KI9100000
67226-87-3	See: KJ0010000
67226-88-4	See: KJ0216500
67226-89-5	See: KJ0217000
*67226-90-8	See: KJ0218000
67226-92-0	See: KJ2270000
67226-93-1	See: KJ2502500
67226-94-2	See: KJ2503000
67226-96-4	See: KJ8520000
67226-98-6	See: MF1250000
67226-99-7	See: MF2470000
67227-00-3	See: MF3630000
67227-01-4	See: MF3630000
67227-02-5	See: MF3690000
67227-03-6	See: MF3695000
67227-04-7	See: MF7355000
67227-05-8	See: MF7360000
67227-06-9	See: MF7400000
67227-07-0	See: MJ2000000
67227-08-1	See: MJ3290000
67227-09-2	See: MJ3900000
67227-10-5	See: MO8430000
67227-12-7	See: MO9900000
67227-13-8	See: MP1700000
67227-14-9	See: MP3410000
67227-15-0	See: MP3430000
67227-16-1	See: MP3520000
67227-17-2	See: MP8970000
67227-18-3	See: MP8990000
67227-19-4	See: MQ4660000
67227-20-7	See: MU7895000
67227-21-8	See: LL6075000
67227-22-9	See: LL6650000
67227-23-0	See: LL6740000
67227-24-1	See: LL6760000
67227-25-2	See: LL6780000
67227-26-3	See: LL6840000
67227-27-4	See: LL6860000
67227-28-5	See: LL6880000
67227-29-6	See: LQ6200000
67227-30-9	See: LU9700000
67227-31-0	See: LV0280000
67227-32-1	See: LV2010000
67227-33-2	See: MB7450000
67227-34-3	See: MB7500000
67227-35-4	See: MC0565000
67227-36-5	See: MC0597000
67227-37-6	See: MC0598000
67227-38-7	See: MD4600000
67227-39-8	See: ME9580000
67227-48-9	See: MV2955000
67227-50-3	See: MV8960000
67227-51-4	See: MV9190000
67227-52-5	See: MX4025000
*67230-67-5	See: AU1625000
67238-62-4	See: KN6660000
67238-63-5	See: KQ7330000
67238-64-6	See: KR3504000
67238-65-7	See: KR3508000
67238-66-8	See: KR3512000
67238-67-9	See: KV2485000
67238-68-0	See: LK8245000
67238-69-1	See: LK8265000
67238-70-4	See: LK8275000
67238-71-5	See: LK8315000
67238-72-6	See: LK8325000
67238-73-7	See: LK8327000
67238-74-8	See: LK8345000
*67238-75-9	See: LK8355000
67238-76-0	See: LK8375000
67238-77-1	See: LK8585000
67238-78-2	See: LK8595000
67238-79-3	See: LK8605000
67238-80-6	See: LK8615000
67238-81-7	See: LK8635000
67238-82-8	See: LK8655000
67238-83-9	See: LK8675000
67238-84-0	See: LK8695000
67238-85-1	See: LK8705000
67238-86-2	See: LK8672000
67238-87-3	See: LK8725000
67238-88-4	See: QF1800000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
67238-89-5	See: QF3460500
67238-90-8	See: QH4450000
67238-91-9	See: QI9277000
67238-93-1	See: QJ0574500
67238-95-3	See: GU3517000
67238-96-4	See: GU6760000
67238-97-5	See: GU7750000
67238-98-6	See: GU7880000
67238-99-7	See: GU8602500
67239-00-3	See: GU8635000
67239-01-4	See: GU8640000
67239-02-5	See: GV6780000
67239-03-6	See: GW2510000
67239-04-7	See: GX1620000
67239-05-8	See: GY2420000
67239-06-9	See: GY2455000
67239-07-0	See: GY2460000
67239-08-1	See: GY5870000
67239-09-2	See: GY5955000
67239-10-5	See: GY5960000
67239-11-6	See: GY5965000
67239-12-7	See: GY5970000
67239-13-8	See: GY5973000
67239-14-9	See: GY5976000
67239-15-0	See: GZ1000000
67239-17-2	See: GZ2025000
67239-18-3	See: GZ2050000
67239-19-4	See: GZ2075000
67239-20-7	See: NW6700000
67239-21-8	See: NW6750000
67239-22-9	See: NW6760000
67239-24-1	See: NX5073000
67239-25-2	See: NY1800000
67239-26-3	See: NY3400000
67239-27-4	See: OB1790000
67239-28-5	See: OB1800000
*67242-54-0	See: CX3149000
*67250-57-1	See: QK4246000
67254-31-3	See: TP2276560
67254-83-5	See: NI3425000
67255-31-6	See: MW3400000
67272-14-4	See: GY4210000
67272-15-5	See: GU9000000
67272-16-6	See: LK8735000
67272-17-7	See: LK8665000
67272-18-8	See: LK8645000
67272-19-9	See: LK8625000
67272-20-2	See: LK8305000
67272-21-3	See: KN1800000
67274-16-2	See: SN3550000
67292-57-3	See: RA9600000
67292-58-4	See: RO0810000
67292-59-5	See: RO0845000
67292-60-8	See: RP5875000
67292-61-9	See: RP5900000
*67292-62-0	See: RP5925000
67292-63-1	See: RP6020000
67292-64-2	See: RP6040000
67292-65-3	See: RP6150000
67292-66-4	See: NK8300000
67292-67-5	See: NL7050000
67292-68-6	See: NL7400000
67292-69-7	See: NQ5615000
67292-70-0	See: NR2310000
67292-71-1	See: NR2320000
67292-72-2	See: NR2330000
67292-73-3	See: NR2350000
67292-74-4	See: NR2360000
67292-75-5	See: NR2370000
67292-76-6	See: NR2380000
67292-77-7	See: NR2340000
67292-78-8	See: NR3460000
67292-79-9	See: NR9600000
67292-80-2	See: NT1982000
67292-81-3	See: NT1983000
67292-82-4	See: NT1985000
67292-83-5	See: NT1988000
67292-84-6	See: NT1989000
67292-85-7	See: NT1993000
67292-86-8	See: NI5435000
67292-87-9	See: NI5455000
67292-88-0	See: NI5465000
67292-89-1	See: NI7610000
67292-90-4	See: NJ0550000
*67292-91-5	See: NJ0620000
*67292-92-6	See: NJ5090000
67292-94-8	See: NJ5738100
67292-95-9	See: NJ5744000
67292-96-0	See: NJ5742000
67292-97-1	See: NJ5750000
67292-98-2	See: NJ5779000
67292-99-3	See: NJ5830000
67293-00-9	See: NK3800000
67293-01-0	See: NK4700000
67293-02-1	See: NK5050000
67293-03-2	See: NK5060000
67293-04-3	See: QJ1675000
67293-05-4	See: QJ1850000
67293-06-5	See: QJ5260000
67293-07-6	See: QK0302000
67293-08-7	See: QK0304000
67293-09-8	See: QL1700000
67293-10-1	See: QM4947000
67293-11-2	See: SA6680000
67293-12-3	See: SB4570000
67293-13-4	See: SF7277500
67293-14-5	See: SG9250000
67293-15-6	See: SG9700000
67293-16-7	See: SH2980000
67293-17-8	See: SH2985000
67293-18-9	See: SH6500000
67293-19-0	See: SH6540000
67293-20-3	See: SH6547000
67293-21-4	See: SH6554000
67293-22-5	See: SH6561000
67293-23-6	See: SH6568000
67293-24-7	See: SH6575000
67293-25-8	See: SH6582000
67293-26-9	See: SH6590000
67293-27-0	See: SH6597000
67293-28-1	See: SH6604000
67293-29-2	See: SH6605000
67293-30-5	See: SH6606000
67293-31-6	See: SH6620000
67293-32-7	See: SH6627000
67293-33-8	See: SH6634000
67293-34-9	See: SH6641000
67293-35-0	See: SH6648000
67293-36-1	See: SH6655000
67293-37-2	See: SH6662000
67293-38-3	See: SH6669000
67293-39-4	See: SH6676000
67293-40-7	See: SH6677000
67293-41-8	See: SH6684000
67293-42-9	See: SH6691000
67293-43-0	See: SH6698000
67293-44-1	See: SH6699000
67293-45-2	See: SH6706000
67293-46-3	See: SH6707000
67293-47-4	See: SH6730000
67293-48-5	See: SH6714000
67293-49-6	See: SH6721000
67293-50-9	See: SH6735000
67293-51-0	See: SH7120000
67293-52-1	See: SH7160000
67293-53-2	See: SH7555000
67293-54-3	See: SH7570000
67293-55-4	See: SH7585000
67293-56-5	See: SI2290000
67293-57-6	See: SI2295000
67293-58-7	See: SI2400000
67293-59-8	See: SK2200000
67293-60-1	See: SL3100000
67293-61-2	See: SL4520000
67293-62-3	See: SM1320000
67293-63-4	See: SM8700000
67293-64-5	See: SO2600000
67293-65-6	See: SZ9060000
67293-66-7	See: TA0355400
67293-67-8	See: TA0410000
67293-68-9	See: TA1300000
67293-69-0	See: TA7000000
67293-71-4	See: TB4720000
67293-72-5	See: TB4950000
67293-73-6	See: TB6550000
*67293-74-7	See: PB1950000
67293-75-8	See: PB4825000
67293-76-9	See: PB4890000
67293-77-0	See: PB9120000
67293-78-1	See: PB9130000
67293-79-2	See: PB9140000
67293-80-5	See: PB9150000
67293-81-6	See: PB9160000
67293-82-7	See: PB9170000
67293-83-8	See: PB9271000
67293-84-9	See: PB9272100
67293-85-0	See: PB9650000
*67293-86-1	See: PC2560000
67293-88-3	See: QC8800000
67295-89-0	See: AC5952000
67295-90-3	See: AB7650000
*67298-49-1	See: QP8759000
67299-01-8	See: CB9376430
67299-02-9	See: CB9376541
67299-03-0	See: CB9376560
*67306-03-0	See: QE2060000
67314-26-5	See: QI9456800
67314-27-6	See: QI9457000
67314-28-7	See: NT1995000
67314-29-8	See: NT1997000
67315-32-6	See: RQ5834100
67328-99-8	See: SH2990000
67329-00-4	See: SH4945000
67329-01-5	See: TB9650000
67329-03-7	See: TE1427000
67329-06-0	See: TK8020000
67329-07-1	See: TK8600000
67329-08-2	See: TK8730000
67330-20-5	See: NM7521504
*67330-25-0	See: DH8511000
*67335-42-6	See: CW1784000
*67335-43-7	See: CW1785000
67335-46-0	See: RQ5834650
67335-47-1	See: RQ5834000
67335-49-3	See: RQ5834600
67336-59-8	See: NT1991000
67338-56-1	See: SH7540000
*67341-49-5	See: DC1947000
*67349-09-1	See: VW1850000
*67349-10-4	See: VW0420000
*67349-11-5	See: VW0580000
67351-14-8	See: TL3499500
67351-15-9	See: TL3560000
67351-16-0	See: TL3855000
67351-17-1	See: TL5800000
67351-18-2	See: TL5810000
67351-19-3	See: TL5900000
67351-20-6	See: TL5920100
67351-22-8	See: TL6670000
67351-23-9	See: TL9297000
67351-25-1	See: TL9430000
67351-26-2	See: TM0815000
67351-27-3	See: TM0854000
67360-92-3	See: TN2010000
67360-93-4	See: TN4350000
*67360-94-5	See: TN4430000
67360-95-6	See: TN4431000
67360-95-6	See: TN4432000
*67360-96-7	See: TN4970000
67360-98-9	See: TN5590000
67360-99-0	See: TN5950300
67361-00-6	See: TN5950600
67361-01-7	See: TN5951200
67361-02-8	See: TN5951400
67361-03-9	See: TN5951575
67361-05-1	See: TN6083000
67361-07-3	See: TN6086000
*67361-08-4	See: TM2990500
*67361-09-5	See: TM2990600
67361-10-8	See: TM3070000
67361-11-9	See: TM3200000
67361-12-0	See: TM3415000
67361-13-1	See: TM5005000
67361-14-2	See: TM6200000
67361-15-3	See: TM7052000
67361-16-4	See: TM7178000
67361-17-5	See: TM9310000
67361-18-6	See: TN1010000
67361-19-7	See: TN1015000
67361-21-1	See: TM1575000
67361-22-2	See: TM1630000
67361-23-3	See: TM1757000
67361-24-4	See: TM1790000
67361-25-5	See: TM1950000
67361-26-6	See: TM2000000
67361-27-7	See: TM2643000
67361-28-8	See: TM2646000
67361-29-9	See: TM2647000
67361-30-2	See: TM2760000
67361-31-3	See: TM2777000
67361-32-4	See: TM2785000
67361-33-5	See: TM2975500
67361-34-6	See: TM2976500
67361-35-7	See: TM2989500
*67364-52-7	See: JH4749930
*67364-53-8	See: JH4749900
*67364-54-9	See: JH4749950
*67364-55-0	See: HY9035000
*67364-56-1	See: JH4749860
*67364-57-2	See: JH4749850
*67364-58-3	See: JG7876000
*67364-59-4	See: JH4749050
*67364-60-7	See: JH4749000
*67366-34-1	See: VW2342000
*67366-36-3	See: VW0570000
67369-98-6	See: NL3522800
67369-99-7	See: NL3522500
67370-32-5	See: DD7250000
67375-30-8	See: GZ1251000
67382-70-1	See: TM5610000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*67383-66-8	See: XP2102000
67401-56-3	See: PY4591000
67409-23-8	See: TO0120000
67409-24-9	See: TZ7612500
*67410-20-2	See: WH6702000
*67410-22-4	See: DK1438000
67418-30-8	See: JO5280000
*67428-84-6	See: SH2185000
*67428-87-9	See: SH1235000
*67428-90-4	See: SG9150000
*67448-92-4	See: CW4636000
*67458-35-9	See: CU7360100
67462-32-2	See: TU4470000
67462-33-3	See: TU4485000
67462-34-4	See: TU4500000
67462-35-5	See: TU4515000
67462-36-6	See: TU5015000
67462-37-7	See: TU5080000
67462-38-8	See: TU5550000
67463-05-2	See: TU4390000
67464-97-5	See: UH4381500
67464-98-6	See: UH4387400
67464-99-7	See: UH4427000
67465-01-4	See: UR5550000
67465-02-5	See: UR5570000
67465-03-6	See: UR9000000
67465-04-7	See: US2700000
67465-05-8	See: UT1935000
67465-06-9	See: UY5700000
67465-07-0	See: UY5701000
67465-08-1	See: UY5702000
67465-09-2	See: UY5703000
67465-10-5	See: UY5704500
67465-11-6	See: UY5706000
67465-12-7	See: UY5707000
67465-13-8	See: UY5707500
67465-14-9	See: UY5709000
67465-15-0	See: UY5711500
67465-16-1	See: UY5712000
67465-17-2	See: UY5713000
67465-18-3	See: UY8530000
67465-19-4	See: VB5077000
67465-20-7	See: VC3680000
67465-21-8	See: VC3685000
67465-22-9	See: VC3690000
67465-23-0	See: VC3970000
67465-24-1	See: VH3710000
67465-25-2	See: VO4800000
*67465-26-3	See: VS6950000
67465-27-4	See: OB3148000
67465-28-5	See: OB3650000
67465-29-6	See: OD5740000
67465-31-0	See: OO0370000
67465-32-1	See: OO0400000
67465-33-2	See: OO0420000
67465-34-3	See: OO0440000
67465-35-4	See: OO0470000
67465-36-5	See: OO0500000
67465-37-6	See: OO7390000
67465-38-7	See: OO7395000
67465-39-8	See: OV9750000
67465-41-2	See: OW4028000
67465-42-3	See: OW4425000
67465-43-4	See: OW4450000
67465-44-5	See: OW4475000
67465-45-6	See: UT4120000
67465-47-8	See: UT7620000
67465-48-9	See: UU3866000
67465-49-0	See: UU3874500
67465-51-4	See: UU5252500

CAS No.	RTECS No.
67465-52-5	See: UU5255000
67465-53-6	See: UU5260000
67465-54-7	See: UU5265000
67465-55-8	See: UU5275000
67465-56-9	See: UU5280000
67465-57-0	See: UU5285000
67465-58-1	See: UU5290000
67465-59-2	See: UU5293000
67465-60-5	See: UU5625000
67465-61-6	See: UU5650000
67465-62-7	See: UU5790000
67465-63-8	See: UU7886000
67465-64-9	See: UU8545000
67465-65-0	See: UU8546000
67465-66-1	See: UU8552000
67465-67-2	See: UU8555000
67465-68-3	See: UU8558000
67465-69-4	See: UU8566000
67465-70-7	See: UU8570000
67465-71-8	See: UU8755000
67465-72-9	See: UU8760000
67465-73-0	See: UU8765000
67465-74-1	See: UU8767300
67465-75-2	See: UU8770000
67465-76-3	See: UU8775000
67465-77-4	See: UU8780000
67465-78-5	See: UU8785000
67465-79-6	See: UU8790000
67465-80-9	See: UU8795000
67465-81-0	See: UU8800000
67465-82-1	See: UA7300000
67465-83-2	See: UA9880000
67465-84-3	See: UA9900000
67465-85-4	See: UB6460000
67465-86-5	See: UB6470000
67465-87-6	See: UB6623000
67465-88-7	See: UB6626000
67465-89-8	See: UB6629000
67465-90-1	See: UB6641000
67465-91-2	See: UB6644000
67465-94-5	See: UE3860000
67465-95-6	See: UE3900000
67465-96-7	See: UE4100000
67465-97-8	See: UE4290000
67465-98-9	See: UE4527000
67465-99-0	See: UE4528000
67466-00-6	See: UE7580000
67466-01-7	See: UF2032000
67466-02-8	See: UF2080000
67466-03-9	See: UF4800000
67466-04-0	See: UF4820000
67466-05-1	See: UF4860000
67466-06-2	See: UF6800000
67466-07-3	See: UF7050000
67466-08-4	See: UH0535000
67466-09-5	See: UU8805000
67466-10-8	See: UU8810000
67466-11-9	See: UU8815000
67466-13-1	See: UY4566100
67466-14-2	See: UV1157000
67466-15-3	See: UV1165000
67466-16-4	See: UV6270000
67466-17-5	See: UV6275000
67466-18-6	See: UV6280000
67466-19-7	See: UV6285000
67466-20-0	See: UV6290000
67466-21-1	See: UV6295000
67466-22-2	See: UV6299000
67466-23-3	See: UV6305000
67466-24-4	See: UV6307500

CAS No.	RTECS No.
67466-27-7	See: UX9630000
*67466-28-8	See: UX9670000
67466-29-9	See: UX9692000
67466-30-2	See: UY1260000
67466-31-3	See: UY5260000
67466-32-4	See: UY5270000
67466-33-5	See: UY5280000
67466-34-6	See: UY5315000
67466-35-7	See: UY5330000
67466-36-8	See: UY5345000
67466-37-9	See: UY5360000
67466-38-0	See: UY5375000
67466-39-1	See: UY5390000
67466-40-4	See: UY5410000
67466-41-5	See: UY5430000
67466-42-6	See: UY5475000
67466-43-7	See: UY5485000
67466-44-8	See: UY5500000
67466-45-9	See: UY5510000
67466-46-0	See: UY5520000
67466-47-1	See: UY5530000
67466-48-2	See: UY5550000
67466-49-3	See: UY5570000
67466-50-6	See: UY5592000
67466-51-7	See: UY5615000
67466-52-8	See: UY5630000
67466-53-9	See: UY5682000
67466-54-0	See: UY5684000
67466-55-1	See: UY5685000
67466-56-2	See: UY5687000
67466-57-3	See: OM9450000
67466-58-4	See: OV7790000
67468-65-9	See: CU4770000
67479-01-0	See: VN7800000
67479-02-1	See: UU4015500
67479-03-2	See: OU7700000
67479-04-3	See: OB6520000
67482-58-0	See: KR3270000
67482-59-1	See: KR3265000
67482-60-4	See: KR3267000
67482-61-5	See: KR3675000
67482-62-6	See: KR3680000
67482-63-7	See: KR3678000
*67485-29-4	See: UW7583000
67489-33-2	See: UV6265000
67489-34-3	See: UV1151500
67489-35-4	See: UY5240000
67489-36-5	See: UY5250000
67489-37-6	See: UU8549000
*67490-00-0	See: RC8960600
*67508-84-3	See: QI9279120
*67508-86-5	See: QI9297600
67510-73-0	See: QM5260000
67510-76-3	See: QM5344000
67510-77-4	See: QM5340000
67510-78-5	See: QM5115000
67510-80-9	See: UE4510000
67510-81-0	See: QM5118000
67510-82-1	See: QM5116000
67510-83-2	See: QM5114000
67531-34-4	See: YS9845000
67543-14-0	See: MS3040000
*67557-56-6	See: ET5700000
*67557-57-7	See: AI9155000
67590-46-9	See: TY3705000
67590-49-2	See: TY6150000
67590-50-5	See: TY4620000
67590-51-6	See: TY4750000
67590-52-7	See: TY4600000
67590-53-8	See: TY4760000

CAS No.	RTECS No.
67590-54-9	See: TY7050000
*67590-56-1	See: YJ8960000
*67590-57-2	See: YJ8965000
67590-59-4	See: CL6615000
67590-61-8	See: XX8700000
67590-63-0	See: TY6170000
67624-90-2	See: AE1970900
67624-91-3	See: AD9313000
*67624-93-5	See: AE1970800
67624-94-6	See: AD8300000
67624-95-7	See: AE1970200
67624-96-8	See: AN3400000
67624-97-9	See: AE2065000
67624-98-0	See: AE5000000
67624-99-1	See: AE1970400
67625-00-7	See: AE1970300
67625-01-8	See: AD8350000
67625-02-9	See: AE1970150
67625-03-0	See: AD8550000
67625-04-1	See: AD8675000
67625-05-2	See: AE8296000
*67639-47-8	See: CW6550000
*67642-94-8	See: XY5786000
*67664-94-2	See: TZ3720000
*67747-09-5	See: NI4000400
*67762-92-9	See: VW2310000
*67763-87-5	See: EC5991920
*67774-32-7	See: LK5065000
*67785-74-4	See: YQ2849400
*67785-77-7	See: DA0512000
*67801-06-3	See: ST2480000
67802-16-8	See: AX4985000
67802-17-9	See: AX5220500
67802-18-0	See: AX5225100
67802-19-1	See: AX5226200
67802-20-4	See: AX5226230
67802-21-5	See: AX5226500
67802-22-6	See: AX5231590
67809-15-8	See: AC6761000
*67810-92-8	See: JP1182010
*67814-76-0	See: WK1973200
67828-17-5	See: TB2801500
67832-40-0	See: ON7000000
67836-16-2	See: AB6975000
*67856-65-9	See: IA2830000
*67856-66-0	See: IA2740000
*67856-68-2	See: IA2400000
*67874-80-0	See: EK7820000
*67874-81-1	See: PB7728000
*67880-17-5	See: MV2089000
67880-66-4	See: TR1515000
*67883-79-8	See: EM9253500
*67897-40-9	See: SP4005000
*67897-41-0	See: SQ3450000
*67897-43-2	See: SP0625000
*67897-47-6	See: SP0625100
*67897-49-8	See: SP4000000
67922-28-5	See: YD4583000
67922-29-6	See: YD4584000
67922-31-0	See: YD4585000
67952-46-9	See: FB2820000
67987-28-4	See: YQ2815000
67987-29-5	See: FF9290000
67987-31-9	See: FG1752000
67987-32-0	See: FG1757980
67987-33-1	See: MO8388000
67987-34-2	See: RH0765000
67987-35-3	See: FB2720000
67987-37-5	See: MO8388500
67990-13-0	See: MU2350000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
67999-78-4	See: UP6000000
*68011-86-9	See: YJ9030800
*68011-87-0	See: YJ9030850
*68011-88-1	See: YJ9200500
68033-85-2	See: ZG9550000
*68039-38-3	See: RH3440000
*68041-18-9	See: DJ6440000
*68045-74-9	See: UY5768800
*68047-06-3	See: SL1210000
68053-01-0	See: AX5226510
*68053-03-2	See: CB9395503
68053-32-7	See: OX4000000
68057-86-3	See: AG9050000
*68060-50-4	See: YT2050000
*68071-23-8	See: CO4872000
68072-82-2	See: CB9756400
*68095-04-5	See: NI9451700
*68107-26-6	See: YQ3158000
*68129-81-7	See: YY3177000
*68131-40-8	See: WZ5980000
*68131-40-8	See: WZ5950000
*68131-40-8	See: WZ5425000
*68131-40-8	See: WZ6000000
*68131-40-8	See: WZ5300000
68131-40-8	See: WZ5200000
*68131-40-8	See: WZ5600000
*68131-40-8	See: WZ5775000
*68131-74-8	See: GF8285000
*68133-72-2	See: AB2910000
*68133-73-3	See: RG5385000
*68141-57-1	See: CW4390000
68160-71-4	See: NI5679000
68178-51-8	See: QI9457100
*68188-03-4	See: EU8760000
68190-25-0	See: AX5225500
68190-27-2	See: AX5226550
68190-28-3	See: AX5227020
68190-29-4	See: AX5264000
68238-35-7	See: OA5250000
68245-16-9	See: RN8790300
68245-17-0	See: RN8790500
68247-67-6	See: VL9305500
68247-73-4	See: GZ2235000
*68247-85-8	See: EC5991700
*68307-81-3	See: OB1832000
*68342-77-8	See: QE2180000
*68342-79-0	See: YE1694000
*68342-80-3	See: QE2190000
*68342-81-4	See: QE2195000
*68342-82-5	See: TM7322600
*68373-96-6	See: UC6475850
68397-84-2	See: GO6868600
68397-86-4	See: GO6868900
68397-88-6	See: SH4935300
68397-90-0	See: GO8922050
68397-92-2	See: GP1790000
68397-93-3	See: SH7885000
*68397-94-4	See: SH7880000
68397-95-5	See: GP1795050
68397-96-6	See: SH6477700
68397-97-7	See: SI2287500
68397-98-8	See: SH6477900
68397-99-9	See: GP1795000
68398-00-5	See: SH1375000
68398-01-6	See: DO6590100
68398-02-7	See: DO6590000
68398-03-8	See: GO6869200
68398-04-9	See: GO8922000
68398-05-0	See: SH4935500
68398-06-1	See: SH6972000
68398-07-2	See: GO6869220
68398-08-3	See: SH6973000
68398-09-4	See: SH4947000
68398-10-7	See: GO6868500
68398-11-8	See: DN8770000
*68398-30-1	See: KR5918000
*68399-12-2	See: MI5241000
*68401-82-1	See: XI0368000
*68407-08-9	See: YR8446600
*68411-30-3	See: DB4550000
68442-69-3	See: YP6650000
68444-92-8	See: JY5981000
68444-93-9	See: JY5982000
68444-94-0	See: JY5983000
68444-95-1	See: JY5987000
68444-98-4	See: JY5988000
68444-99-5	See: JY5989000
68445-00-1	See: JY5993000
68445-01-2	See: JY5994000
68445-02-3	See: JY5995000
68445-03-4	See: JY5997000
68445-04-5	See: JY5998000
68445-05-6	See: JY5999000
68450-77-1	See: TM6630000
*68463-41-2	See: WF8760000
*68476-85-7	See: SE7545000
*68508-45-2	See: RA3345000
*68508-46-3	See: RA3346000
*68527-78-6	See: CB2557000
*68541-88-8	See: SZ2460000
*68555-34-0	See: MO1875620
*68555-58-8	See: EM9508000
*68603-42-9	See: GG6200000
*68640-54-0	See: SY7250000
*68640-55-1	See: TA7498500
*68640-57-3	See: TA7498000
68656-33-7	See: YR8168000
*68656-35-9	See: YR8443500
*68656-47-3	See: YT5296000
*68656-49-5	See: YT5294000
*68656-50-8	See: YS4728000
*68656-51-9	See: YS9867200
*68656-52-0	See: YS9867100
*68656-53-1	See: YS9867400
*68656-54-2	See: YT2345600
*68656-55-3	See: YS7561000
*68656-56-4	See: YT5299000
*68656-59-7	See: YS4740200
*68656-60-0	See: YS2625000
*68656-61-1	See: YT0340000
*68656-62-2	See: YS8730000
*68656-64-4	See: YR8444000
*68656-65-5	See: YR8441000
*68656-66-6	See: YR8447600
*68656-67-7	See: YR8442500
*68656-68-8	See: YR8446500
*68656-69-9	See: YR8446000
*68656-70-2	See: YR8441500
*68656-71-3	See: YR8445700
*68656-72-4	See: YR8445600
*68656-73-5	See: YR8445800
*68656-74-6	See: YS8980000
*68656-75-7	See: YS8940000
*68656-76-8	See: YS5960000
*68656-77-9	See: YT1461700
*68656-78-0	See: YT1461800
*68656-79-1	See: YT1458900
*68656-80-4	See: YS1780600
*68656-81-5	See: YT1462000
*68656-82-6	See: YT1463000
*68656-83-7	See: YS4740400
*68656-84-8	See: YT1464000
*68656-86-0	See: YT1458960
*68656-89-3	See: YT1458700
*68656-90-6	See: YT1461600
*68656-91-7	See: YS9363500
*68656-93-9	See: YS9817000
*68656-94-0	See: YT1468800
*68656-95-1	See: YT1468000
*68656-96-2	See: YT1468500
*68656-97-3	See: YT1468700
*68656-98-4	See: YT4978000
*68656-99-5	See: YT2926000
*68657-01-2	See: YS9388400
*68657-02-3	See: YS2696000
*68657-03-4	See: YS9400000
*68657-04-5	See: YS9389400
*68657-05-6	See: YS2761500
*68657-06-7	See: YS9867300
*68657-08-9	See: YS3825100
*68657-09-0	See: YS9990000
*68657-10-3	See: YS9389500
*68657-11-4	See: YT1458400
*68657-12-5	See: YT1462400
*68657-13-6	See: YS3581000
*68657-14-7	See: YT1458920
*68657-19-2	See: YR8447700
*68688-84-6	See: FZ3429000
*68688-85-7	See: FZ3495000
*68690-89-1	See: DP4730000
68690-90-4	See: DP6708000
*68706-40-1	See: YR8480000
*68710-95-2	See: US4675150
*68710-96-3	See: US4500000
*68710-98-5	See: US4588000
*68710-99-6	See: US4588500
*68711-00-2	See: US4675250
*68711-01-3	See: US4675260
*68711-02-4	See: US4675270
*68711-03-5	See: US4586000
*68711-04-6	See: US4590000
*68711-05-7	See: US4570000
68711-23-9	See: XJ6094050
68711-25-1	See: XJ6620000
68711-26-2	See: XJ6630000
*68733-43-7	See: QD9878000
68743-78-2	See: NM7522560
*68743-79-3	See: WH1332550
68743-80-6	See: NM7521511
68743-81-7	See: NM7522550
*68748-25-4	See: US4665000
*68748-26-5	See: US4675200
68771-54-0	See: VC3676000
68771-56-2	See: VC3540300
68785-50-2	See: CB9480000
*68808-54-8	See: UU9352000
*68833-55-6	See: OV7010000
*68844-77-9	See: DD8968000
*68848-64-6	See: OJ6417500
*68855-54-9	See: VV7309000
*68857-95-4	See: KM5775100
68858-69-5	See: AX4995000
*68880-55-7	See: WG9420000
68894-13-3	See: AX5226400
68894-14-4	See: AX5230020
68894-15-5	See: AX5230050
68894-16-6	See: AX5231600
*68916-09-6	See: LI2680000
*68916-26-7	See: GE9050000
*68916-39-2	See: MG8325000
68916-73-4	See: EW9715000
*68917-09-9	See: RF7515000
*68917-43-1	See: RI7230500
*68917-50-0	See: RJ3698000
*68917-52-2	See: VR1720000
*68924-90-3	See: FD3840000
68925-88-2	See: VC2985000
68925-98-4	See: HQ3525000
*68931-01-1	See: FD8942150
*68931-03-3	See: FD8940400
*68931-04-4	See: FD9778520
*68931-05-5	See: FD8944500
*68931-07-7	See: FD8942400
*68931-09-9	See: FD9774600
*68931-14-6	See: FD9778050
*68931-15-7	See: FD9772100
*68935-42-2	See: AC5956000
*68935-46-6	See: AB5760000
68943-10-2	See: AX5231700
68943-11-3	See: AX5231710
68943-12-4	See: AX5231720
68943-13-5	See: AX5231730
68943-14-6	See: AX5231750
68943-15-7	See: AX5231780
68943-16-8	See: AX5231800
68943-17-9	See: AX5231900
68943-18-0	See: AX5231910
*68946-06-5	See: NK9165000
*68946-07-6	See: NK9178000
*68946-08-7	See: NK9160000
*68946-09-8	See: NK9176000
*68946-10-1	See: NK9170000
*68946-21-4	See: NK9150000
*68946-22-5	See: NK9177000
*68967-19-1	See: YT1458800
68967-21-5	See: VC3540200
68967-23-7	See: VC3678200
68968-01-4	See: TM2641000
68968-02-5	See: TL3000520
68968-03-6	See: SH0687000
68968-04-7	See: QD9970000
68968-05-8	See: SH1495000
68968-06-9	See: SH1930000
68968-07-0	See: SH0686000
68968-08-1	See: SH1490000
68968-09-2	See: SI2340500
68968-10-5	See: SH2135000
68968-15-0	See: SH0697000
*68975-47-3	See: NR2940000
*68978-12-1	See: VC8298500
*68990-15-8	See: LI5081500
68994-21-8	See: AX5231610
*69011-63-8	See: OM3200000
*69019-56-3	See: AB1071000
*69022-45-3	See: UV1176200
*69029-52-3	See: OG0835000
*69037-46-3	See: CB3723300
*69037-47-4	See: CB3723100
*69037-48-5	See: CB3723500
*69049-06-5	See: TX1452500
*69071-22-3	See: CI4802000
*69071-23-4	See: CI4802020
*69071-24-5	See: CI4802040
69072-22-6	See: CB9754130
*69094-09-3	See: UV7882000
*69094-10-6	See: UV7880000
*69094-11-7	See: UV7830000
*69094-12-8	See: UV7881500
*69095-72-3	See: XZ4929100
*69095-74-5	See: XZ4502000

BEST COPY AVAILABLE

CAS No.	RTECS No.
*69095-75-6	See: XZ4929200
*69095-76-7	See: XZ4501000
*69095-77-8	See: XZ5360800
*69095-78-9	See: XZ4916000
*69095-79-0	See: XZ4503000
*69095-80-3	See: XZ4870000
*69095-81-4	See: XZ3846000
*69095-83-6	See: XZ4912000
*69095-86-9	See: XZ4509000
*69095-87-0	See: XZ4508000
*69095-88-1	See: XZ4915100
*69102-79-0	See: TP2507000
69123-67-7	See: VA3075050
69123-76-8	See: UR6475600
*69123-83-7	See: UR7432500
*69123-98-4	See: YQ9512500
69131-34-6	See: JN8625000
69134-42-5	See: SH1931000
*69135-44-0	See: NI9451670
69159-21-3	See: CM4312400
69159-25-7	See: CM4317700
69159-47-3	See: YS9812000
69159-49-5	See: CM4313500
69177-41-9	See: EC5991400
69199-05-9	See: DJ3100650
*69207-51-8	See: DU9471000
*69221-44-9	See: UV1176100
69225-90-7	See: ZH0100000
69225-91-8	See: YM8370000
69225-92-9	See: YM8375000
69225-93-0	See: YM8380000
69225-95-2	See: YM8490000
69225-96-3	See: YM8620000
69225-97-4	See: YR6290000
69225-98-5	See: YR6550000
69225-99-6	See: YR9100000
*69226-00-2	See: YS1800000
69226-01-3	See: YS5011000
*69226-03-5	See: YS5014000
69226-04-6	See: XJ6030000
*69226-05-7	See: XJ7010100
69226-06-8	See: XM3054000
69226-07-9	See: XM3056000
69226-08-0	See: XM3058000
69226-09-1	See: XM3060000
69226-10-4	See: XM3062000
69226-11-5	See: XM3066000
69226-12-6	See: XM3068000
69226-13-7	See: XM3070000
69226-14-8	See: XM3072000
69226-15-9	See: XM3074000
69226-16-0	See: XM3076000
69226-17-1	See: XM3078000
69226-18-2	See: XM3080000
69226-19-3	See: XM3082000
69226-20-6	See: XM3084000
69226-21-7	See: XM3086000
69226-22-8	See: XM3088000
69226-23-9	See: XM3090000
69226-24-0	See: XM3092000
69226-25-1	See: XM3094000
69226-26-2	See: XM8510000
69226-27-3	See: XN9820000
69226-28-4	See: XN9830000
69226-29-5	See: XN9840000
69226-30-8	See: XN9850000
69226-31-9	See: XN9860000
69226-32-0	See: XN9870000
69226-33-1	See: XN9880000
69226-34-2	See: XN9890000
69226-35-3	See: XN9900000
69226-36-4	See: XO9700000
69226-39-7	See: XT5200000
69226-40-0	See: XT5800000
69226-41-1	See: XU2445000
69226-42-2	See: WH1314400
*69226-43-3	See: WH6728000
*69226-44-4	See: WH7570000
*69226-45-5	See: WH7640000
*69226-46-6	See: WH7660000
*69226-47-7	See: WH8710000
69226-48-8	See: WN2820000
69226-49-9	See: WN2840000
69226-50-2	See: WN4000000
69226-51-3	See: WO6200000
69226-52-4	See: WP2650000
69226-54-6	See: XL8050000
69226-55-7	See: XJ5536000
69226-56-8	See: YS9861000
69226-57-9	See: YS9862000
69226-58-0	See: YS9864000
69226-59-1	See: YS9865000
69226-60-4	See: YS9867000
69226-61-5	See: YT3920000
69226-62-6	See: YT6330000
69226-63-7	See: YT6360000
69226-64-8	See: YT6420000
69226-65-9	See: YT6450000
69226-66-0	See: YV7810000
69226-67-1	See: YV7880000
69226-68-2	See: YV7885000
69226-70-6	See: YX5220000
69226-71-7	See: XU4400000
69226-72-8	See: XU5790000
69226-73-9	See: XU5830000
69226-74-0	See: XU5860000
69226-75-1	See: XU7600000
69226-76-2	See: XU7890000
69226-77-3	See: XY3050000
69226-78-4	See: XZ3820000
69226-79-5	See: XZ3910000
69226-80-8	See: XZ4080000
69226-81-9	See: YE0200000
69226-82-0	See: YE3000000
69234-44-2	See: AU2990000
69234-45-3	See: AU3080000
69234-46-4	See: AU3000000
69234-47-5	See: AU3090000
69235-62-7	See: EC5991580
69236-59-5	See: UR6493000
69239-36-7	See: XJ5137500
*69239-37-8	See: WH7540000
69239-38-9	See: YS9866000
*69249-25-8	See: XY4810000
*69249-26-9	See: XY4800000
*69256-17-3	See: YQ9512600
69257-12-1	See: XN1929000
*69260-83-9	See: CW8610000
*69260-84-0	See: CW8600000
*69260-85-1	See: CW2150000
*69304-47-8	See: YU7355000
69319-47-7	See: UA7322000
*69343-37-9	See: CV4911500
*69343-38-0	See: CV4913000
69352-39-2	See: LT8525000
69352-40-5	See: MA2940000
69352-41-6	See: MJ2050000
69352-43-8	See: MO7630000
69352-44-9	See: MU7240000
69352-45-0	See: MU7355000
69352-46-1	See: MU7360000
69352-47-2	See: MU7370000
69352-48-3	See: MU7380000
69352-49-4	See: MU7500000
69352-50-7	See: MU7600000
69352-51-8	See: MU8590000
69352-52-9	See: MU9550000
69352-53-0	See: MV2650000
69352-54-1	See: MV4250000
69352-55-2	See: MV4645000
69352-56-3	See: MV4700000
69352-57-4	See: MV5700000
69352-58-5	See: MV9130000
*69352-65-4	See: HM0200000
*69352-66-5	See: HM0225000
*69352-67-6	See: HM0250000
*69352-68-7	See: HM0275000
69352-69-8	See: HN8760000
69352-70-1	See: HN9000000
69352-71-2	See: HO3000000
69352-72-3	See: HO7585000
69352-73-4	See: HO7615000
69352-74-5	See: HO7620000
*69352-76-7	See: JR1230000
69352-77-8	See: KJ5100000
69352-78-9	See: GE3620000
69352-79-0	See: GU3730000
69352-80-3	See: GU3750000
69352-81-4	See: GU3780000
69352-82-5	See: GU3800000
69352-83-6	See: GU3825000
69352-84-7	See: GU7173000
69352-85-8	See: GU7173500
69352-86-9	See: GY2470000
69352-87-0	See: GU7878000
69352-88-1	See: GW3450000
69352-89-2	See: GW3550000
69352-90-5	See: GW4800000
69352-91-6	See: GY2580000
69352-92-7	See: GY2850000
69352-93-8	See: GY2900000
69352-94-9	See: GY3940000
69352-95-0	See: GY3960000
69352-96-1	See: GY3970000
69352-98-3	See: DT7998000
69352-99-4	See: DT7999000
69353-00-0	See: DT8025000
69353-01-1	See: DT8035000
69353-02-2	See: FB0500000
*69353-03-3	See: FB3870000
69353-04-4	See: FB4760000
69353-05-5	See: FB4765000
69353-06-6	See: FB4768000
69353-07-7	See: FC6875000
69353-08-8	See: FD0405000
69353-09-9	See: FD0836000
69353-10-2	See: FE2470000
69353-11-3	See: FE2480000
69353-12-4	See: FE2490000
69353-13-5	See: FE2495000
69353-14-6	See: FE2530000
69353-15-7	See: FE2630000
69353-16-8	See: FE2640000
*69353-17-9	See: DT4393100
69353-18-0	See: FE2705000
69353-19-1	See: FE2715000
69353-20-4	See: FE2750000
*69353-21-5	See: DF8075000
*69353-22-6	See: DF8195000
69353-24-8	See: CV4370000
69353-25-9	See: CV4660000
69353-26-0	See: CV5412600
69353-27-1	See: CV5413800
69353-28-2	See: CV5415200
69353-29-3	See: CV5416400
69353-30-6	See: CV5598500
69353-31-7	See: CV5790000
69353-32-8	See: CX7179000
69353-33-9	See: DE8300000
69353-34-0	See: DE1850000
69353-35-1	See: DE9175000
69353-36-2	See: DF6640000
69353-37-3	See: CB7885000
69353-38-4	See: CQ0460800
69353-39-5	See: CQ4554500
69353-40-8	See: CQ7025000
69353-41-9	See: CV2438000
69353-42-0	See: CV2440400
69353-43-1	See: CV2448000
69353-44-2	See: CV2448500
69353-45-3	See: CV4215000
69353-46-4	See: CV4270000
69353-47-5	See: CV1367500
69365-68-0	See: AC8100000
69365-69-1	See: AN0532000
69365-70-4	See: BT1110000
69365-71-5	See: BT1450000
*69365-73-7	See: OO0625000
69365-74-8	See: QE5680000
69365-75-9	See: RB6970000
69365-76-0	See: RB8052000
69365-77-1	See: RB8055000
69365-78-2	See: RB8060000
69365-79-3	See: RB8075000
69365-80-6	See: RB8080000
69365-81-7	See: RB8085000
69365-82-8	See: RB8090000
69365-83-9	See: RB8110000
69365-84-0	See: RB8130000
69365-85-1	See: RB8145000
69365-86-2	See: RB8190000
69375-05-9	See: CB9949000
69375-06-0	See: CB9949500
69382-00-9	See: FE2730000
69382-04-3	See: SM4500000
69382-05-4	See: SM8340000
69382-06-5	See: TC1070000
69382-07-6	See: TL0602500
69382-08-7	See: TL6953000
*69382-09-8	See: TM6135000
69382-11-2	See: RH0630000
69382-12-3	See: RO0386000
69382-13-4	See: RP6786000
69382-14-5	See: MW5260000
69382-15-6	See: MW5270000
69382-16-7	See: MW5290000
69382-17-8	See: MW5295000
69382-19-0	See: NI7380000
69382-20-3	See: NK5650000
69382-21-4	See: NL3678000
69382-22-5	See: NL3679000
69382-23-6	See: NP2940000
69382-24-7	See: NQ4650000
69382-26-9	See: NX1450000
69390-14-3	See: XJ6615000
69401-33-8	See: CD2630000
69402-04-6	See: CL6188000
69402-05-7	See: DK1837000
69402-05-7	See: DK1835000
*69408-65-7	See: SZ4100000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS No.	RTECS No.
*69408-66-8	See: MB7670000
*69408-67-9	See: OH2911000
*69409-94-5	See: YV9397100
69421-39-2	See: CB9459900
*69431-44 3	See: GP4635000
69431-91-0	See: CB9370500
*69436-23-3	See: AY3095000
69440-38-6	See: UU2504000
69440-39-7	See: UU2504400
69440-40-0	See: UU2504800
69440-41-1	See: UU5150000
69440-42-2	See: UU5210000
69440-43-3	See: UU5230000
69440-44-4	See: UU5240000
69440-45-5	See: UU5245000
69440-46-6	See: UU5296000
69440-47-7	See: UU5297000
69440-48-8	See: UU5298000
69440-49-9	See: UU5660000
69440-50-2	See: UU5680000
69440-51-3	See: UV0380000
69440-52-4	See: UX9700000
69440-53-5	See: UX9730000
69440-54-6	See: UX9770000
69440-55-7	See: UY0300000
69440-56-8	See: TX8290000
*69440-57-9	See: UB8610000
69440-58-0	See: UF2500000
69440-59-1	See: UU1760000
69440-60-4	See: UO7509000
69440-61-5	See: UO7610000
69440-62-6	See: UO8600000
69440-63-7	See: UO8965000
69440-64-8	See: UO9070000
69455-15-8	See: UO7460000
*69462-44-8	See: AX5230610
*69462-46-0	See: AX5230630
*69466-52-0	See: XZ0362500
*69466-54-2	See: XZ0359000
*69466-55-3	See: XY9247000
*69466-56-4	See: XY2968000
*69466-57-5	See: XY8599200
*69466-60-0	See: XY5785000
*69466-62-2	See: XZ0362700
*69466-63-3	See: XY9246000
*69466-64-4	See: XY8650000
*69466-65-5	See: XZ0358000
*69466-66-6	See: XY7452000
*69466-68-8	See: XY8599100
*69466-69-9	See: XZ0357000
*69466-70-2	See: XZ0413000
*69466-72-4	See: XY7366800
*69466-74-6	See: XY3306000
*69466-76-8	See: XY5835000
*69466-77-9	See: XY7366600
*69466-79-1	See: XZ0362100
*69466-80-4	See: XY5830000
*69466-81-5	See: XY7353000
*69466-82-6	See: XY4399500
*69466-83-7	See: XZ0358700
*69466-84-8	See: XY4399000
*69466-85-9	See: XZ0355000
*69466-86-0	See: XY2968500
*69466-88-2	See: XY3329000
*69466-92-8	See: XY7352000
*69466-94-0	See: XY8598200
*69466-95-1	See: XY8578000
*69466-96-2	See: XY9245000
*69466-97-3	See: XZ0358500
*69466-98-4	See: XZ0401000
*69467-00-1	See: XZ0358800
*69467-05-6	See: XZ0362200
*69467-06-7	See: XZ0362600
*69467-08-9	See: XY5778600
*69467-09-0	See: XY7354300
*69467-14-7	See: XY3235500
*69467-15-8	See: XY3235000
*69467-20-5	See: XY3460000
*69467-21-6	See: XY8586000
*69467-22-7	See: XY3327000
*69467-23-8	See: XY5778800
*69467-24-9	See: XY3305000
*69467-26-1	See: XZ0356000
*69467-28-3	See: XY7354000
69470-37-7	See: GD3750000
*69477-66-3	See: GY5868000
*69482-98-0	See: XY3465000
*69483-11-0	See: UE6100000
69484-10-2	See: ZD5975000
69484-11-3	See: ZD6045000
*69494-04-8	See: UT5495000
69494-05-9	See: YQ3700000
69494-06-0	See: YQ3590000
69494-07-1	See: YV7100000
69494-08-2	See: YV7385000
69494-09-3	See: YV8927000
69517-60-8	See: WH1313400
69517-61-9	See: WM3470000
69517-62-0	See: WM4910000
69517-63-1	See: XH5165000
69517-64-2	See: XH5170000
69517-65-3	See: XH5175000
69517-66-4	See: XJ5426000
*69522-15-2	See: CB9376260
*69538-18-7	See: FD9778450
*69538-19-8	See: FD9772400
*69549-53-7	See: SZ6510000
*69551-90-2	See: YO3375000
69551-91-3	See: WP2451000
69551-92-4	See: UY1090000
69551-93-5	See: UY1247500
69551-94-6	See: UY1345000
69551-95-7	See: UY1390000
69551-96-8	See: UY1410000
69551-97-9	See: UY1420000
69551-98-0	See: UY2240000
69551-99-1	See: UY4240000
69552-00-7	See: UY5230000
69552-01-8	See: UY5233000
69552-02-9	See: UY5275000
69552-03-0	See: UY5535000
69552-04-1	See: UY5625000
69552-05-2	See: UY5627000
69552-06-3	See: UY5681000
69552-07-4	See: UY5681400
69552-08-5	See: UY5681600
69552-09-6	See: UY5683000
69552-10-9	See: UY5689500
69552-11-0	See: UY5696000
69552-13-2	See: UY5697000
69552-14-3	See: UY5699500
69552-15-4	See: UY5703700
69552-16-5	See: UY5703800
69552-17-6	See: UY5703900
69552-18-7	See: UY5704100
69552-20-1	See: VB1780000
69552-23-4	See: VD4675000
69552-24-5	See: WH0192000
69597-49-5	See: UY5681200
*69640-38-6	See: SL0537000
*69657-90-5	See: CB0534700
*69658-17-9	See: CX5081500
*69658-19-1	See: CX5083500
69658-91-9	See: UT6386305
*69712-56-7	See: XI0330800
69745-66-0	See: SJ9700000
69745-68-2	See: SL7840000
69766-24-1	See: DV2045000
69766-42-3	See: LU7510000
69774-86-3	See: CB9394500
69774-87-4	See: CB9395000
69781-59-5	See: DG1584505
69781-62-0	See: DG1584500
69781-82-4	See: AJ3230000
69787-79-7	See: OP4090000
*69806-50-4	See: UA3000000
69838-66-0	See: TM2678000
69838-67-1	See: TL9420300
69847-93-4	See: TL9880000
*69853-09-4	See: TN4228000
*69953-15-2	See: QF3240000
69865-43-6	See: CB9754150
69866-21-3	See: DF4936780
69881-63-6	See: GD2904000
*69884-15-7	See: AB7880000
69913-37-7	See: CB9395350
69921-35-3	See: YS6400000
*69928-30-9	See: RN9700000
69928-31-0	See: NI4809000
*69929-16-4	See: RH2242000
*69946-37-8	See: NI3976000
69954-44-5	See: YV6031000
*69975-86-6	See: XH5135000
*70021-99-7	See: DJ7878000
*70042-58-9	See: FG3655000
*70052-12-9	See: RM2981600
*70080-82-9	See: NQ7185000
*70107-10-7	See: UR6114000
70121-39-0	See: AB5961000
*70124-77-5	See: CY1578620
*70134-26-8	See: VS8450000
70145-74-3	See: HQ3296000
*70166-84-6	See: YT5140000
*70166-87-9	See: YT1459000
*70166-88-0	See: YT1459050
*70166-90-4	See: YT5120000
*70166-94-8	See: YS6411000
*70166-95-9	See: YS6412000
70190-72-6	See: DG7360000
*70199-26-7	See: VW2345000
*70213-45-5	See: CK8780000
*70244-08-5	See: DB6145200
70248-85-0	See: CB9754180
70263-69-3	See: YT1577500
70265-52-0	See: GX1525500
70265-53-1	See: AC5956500
70265-54-2	See: KR8890000
70265-55-3	See: GX1525000
70265-57-5	See: AC5956600
70265-59-7	See: GX1525600
70265-61-1	See: BY4417500
*70281-30-0	See: PA8220000
*70288-86-7	See: IH7891500
70289-22-4	See: WN2920000
*70293-55-9	See: NP6600000
*70294-89-2	See: NZ7574500
70298-77-0	See: AE2525000
70318-47-7	See: UU0962000
70318-54-6	See: CD2995800
70318-55-7	See: DJ1607020
70318-56-8	See: DJ1607000
70319-10-7	See: CY1576420
70355-71-4	See: XT8225000
70395-17-4	See: AB7454000
70395-18-5	See: AB7453000
70396-85-9	See: RP6151700
*70396-87-1	See: RP6150630
70433-02-2	See: CO1748500
*70458-96-7	See: VB2005000
*70476-82-3	See: CB0386900
*70525-21-2	See: EL8954000
*70536-17-3	See: CL9324000
*70551-97-2	See: XY7346000
70553-76-3	See: NX5995000
70556-18-2	See: BS7785000
70563-22-3	See: WE8625700
*70563-58-5	See: MK3830000
*70627-65-5	See: WY2641000
70628-26-1	See: YT0160000
*70643-19-5	See: KK3549000
70689-94-0	See: WL2104000
70689-95-1	See: WL2100600
70694-38-5	See: ZY4930000
*70700-31-1	See: MC0680000
70702-55-5	See: WL2103000
70781-01-0	See: TN4940000
*70786-35-5	See: XF7530000
*70786-36-6	See: XF7472450
*70786-37-7	See: XF7472650
*70786-38-8	See: XF7480400
*70786-39-9	See: XF7472400
*70786-40-2	See: XF7472800
*70788-28-2	See: CV3458100
*70816-59-0	See: XF6864000
*70829-93-5	See: UV9012000
*70858-14-9	See: MT0310000
70894-76-7	See: CZ2210000
*70974-82-2	See: QJ0352000
71004-34-7	See: HM0351700
*71013-41-7	See: EK7902200
*71013-42-8	See: GY5820000
*71013-44-0	See: WM3430000
*71013-48-4	See: XJ1850000
*71013-51-9	See: XJ1877000
*71013-52-0	See: XJ1876000
*71013-53-1	See: XJ1798000
71094-06-9	See: AB3340000
*71117-51-6	See: RA9710000
71172-45-7	See: GU3175000
*71266-43-8	See: DG4976800
*71266-44-9	See: DG4448400
*71266-45-0	See: DH1962000
*71266-46-1	See: DH3522000
*71266-47-2	See: PC4933000
*71266-48-3	See: DG1575050
*71266-49-4	See: PC4936500
*71277-79-7	See: LZ6460000
*71303-91-8	See: PC4936000
*71304-83-1	See: QE5214000
*71304-84-2	See: QE4110000
*71304-85-3	See: QE5216000
*71304-86-4	See: QE5212000
*71304-87-5	See: QD8850000
*71314-09-5	See: UA8945000
*71314-12-0	See: UB1410500
*71314-14-2	See: UB8958000
*71314-17-5	See: UB8961100
*71314-18-6	See: UB1410000
*71314-19-7	See: UA9459000
*71314-29-9	See: UB8752600

BEST COPY AVAILABLE

CAS No.	RTECS No.
*71314-31-3	See: UB8752550
*71314-33-5	See: UB8752500
*71319-66-9	See: UA7250300
71323-94-9	See: BR7168000
71323-99-4	See: BO9452000
71329-58-3	See: VU6385000
*71330-43-3	See: CP2200000
*71349-33-2	See: XF0660000
*71349-35-4	See: MP4780300
*71349-36-5	See: MJ8363000
*71349-37-6	See: RH1686200
*71349-39-8	See: HY9033000
*71349-40-1	See: XF0878000
*71349-44-5	See: XF0878500
71427-11-7	See: AX5226540
71427-12-8	See: AX5229100
*71456-94-5	See: FD8892440
*71456-95-6	See: FD9315000
*71456-96-7	See: FD7785000
*71456-97-8	See: FD9290000
*71456-98-9	See: YS2789400
*71456-99-0	See: YS2789700
*71457-00-6	See: YS2790000
*71457-01-7	See: YS2789100
*71457-02-8	See: YS2789500
*71457-03-9	See: YS2789510
*71457-04-0	See: YS2789000
*71457-05-1	See: YS2789200
*71478-27-8	See: YP2293000
*71500-21-5	See: MO8444000
71501-39-8	See: WR5100000
71501-40-1	See: KK1150000
71503-59-8	See: AX5226530
*71507-79-4	See: BV8044150
*71570-98-4	See: MJ1395000
*71582-53-1	See: KD1146600
*71615-27-5	See: TU5010050
*71628-96-1	See: KD1146400
*71628-97-2	See: KD1146550
*71628-98-3	See: KD1146650
71648-24-3	See: AS6600000
*71653-63-9	See: US7969500
71691-31-1	See: SF7928600
71700-95-3	See: YY0125000
71721-66-9	See: ON9200000
*71731-58-3	See: VC8608000
*71752-67-5	See: YT9792000
71752-87-9	See: UU3873850
*71771-69-2	See: VV3920000
*71822-37-2	See: RF4366000
71823-44-4	See: AB1002000
71823-45-5	See: AB1001000
71852-73-8	See: ED2750000
71861-62-6	See: UB1766950
71892-82-5	See: CB9395320
71950-35-1	See: JQ0902000
71950-48-6	See: OJ7407000
*71964-72-2	See: CW4635000
*72001-30-0	See: DM3300200
72004-04-7	See: AM5965000
72004-05-8	See: DO9175000
72004-06-9	See: DP0650000
72004-08-1	See: BQ8327000
72004-09-2	See: CV5795000
72004-10-5	See: CV5423000
72004-11-6	See: DB6325000
72004-12-7	See: CV2441500
72004-13-8	See: CX7178000
72004-14-9	See: CV5419000
72004-15-0	See: CV2441000
*72007-81-9	See: SA7625000
72017-27-7	See: FD0837000
*72017-28-8	See: QL6300000
72017-29-9	See: HP1615000
72017-31-3	See: RN7050000
72017-33-5	See: RN7030000
72017-34-6	See: RN7055000
72017-44-8	See: DF2376000
72017-45-9	See: DO6450000
72017-46-0	See: FA6660000
72017-47-1	See: BQ8335000
72017-48-2	See: BQ8330000
72017-49-3	See: BQ4340000
72017-50-6	See: BQ4330000
72017-51-7	See: BQ2709000
72017-52-8	See: NX5845000
72017-53-9	See: NJ5734000
72017-54-0	See: DG1524000
72017-55-1	See: DG5040000
72017-56-2	See: DG2830000
72017-57-3	See: FK4950000
*72017-58-4	See: FA4442000
72017-59-5	See: EU2295000
*72017-60-8	See: AF5810000
72024-55-6	See: EY8510250
72027-60-2	See: RQ2150500
*72030-21-8	See: EV8515500
72030-22-9	See: CZ0240000
72050-74-9	See: FE2680000
72050-75-0	See: FE2690000
72050-77-2	See: GU3705000
*72050-78-3	See: EL3080000
72050-79-4	See: DO6500000
72050-80-7	See: GY8205000
72050-81-8	See: DO6520000
72050-82-9	See: UR6570000
72050-84-1	See: UY5695000
72050-85-2	See: UY5698000
72050-86-3	See: TM2660000
72050-87-4	See: TM2651000
72050-88-5	See: TM1755000
72050-93-2	See: RC9075000
72060-03-8	See: SZ1400000
*72060-06-1	See: SI7025000
72060-13-0	See: WS8260000
72060-14-1	See: WS8250000
72060-18-5	See: VL9306000
72060-21-0	See: QL9000000
*72063-47-9	See: SJ7810000
72064-49-4	See: DK9630000
*72064-79-0	See: TU3687000
72066-22-9	See: BU2200000
72066-23-0	See: FI0500000
72066-24-1	See: FI1100000
72066-25-2	See: GT6700000
72066-27-4	See: EZ9097500
*72066-32-1	See: OW5950000
72067-80-2	See: CB9756420
72101-05-4	See: GE1750000
72101-06-5	See: VK6510000
*72117-72-7	See: SB4400000
*72122-60-2	See: YS5014450
72138-70-6	See: OI3150000
72138-71-7	See: VQ4220000
72145-96-1	See: WY5625000
*72146-65-7	See: AA2441000
*72150-17-5	See: PB9082000
*72236-76-1	See: DF7985000
*72238-00-7	See: TX7388000
*72238-02-9	See: TX7387000
*72238-04-1	See: UU8885000
*72238-05-2	See: UU8880000
72239-51-1	See: JH1945000
72239-53-3	See: JH1940000
72239-54-4	See: JH1950000
72244-81-6	See: CB9710000
*72254-58-1	See: UU9355000
*72273-59-7	See: GY5855100
*72320-60-6	See: VB8350000
72360-92-0	See: VO0950000
72361-00-3	See: VT9631000
72361-01-4	See: WF0350000
72361-28-5	See: YQ8790000
72361-29-6	See: YQ8675000
72361-30-9	See: YS4980000
72373-70-7	See: GO7070000
72378-88-2	See: XF9800000
*72378-89-3	See: XQ4170000
72395-46-1	See: NL6580000
*72412-04-5	See: UV7706800
*72412-05-6	See: UV7714650
*72412-07-8	See: UV7714600
*72412-09-0	See: UV7714300
*72412-13-6	See: UV7714550
*72412-36-3	See: UV7704200
*72412-43-2	See: UV7700600
*72412-44-3	See: UV7714500
*72412-47-6	See: UV7706600
*72412-48-7	See: UV7700800
*72412-49-8	See: UV7701200
*72412-52-3	See: UV7714350
*72412-54-5	See: UV7707000
*72418-37-2	See: UV7714050
*72429-53-9	See: UV7701600
72430-94-5	See: UQ7885000
*72442-43-4	See: UV7714150
72478-52-5	See: QU0800000
72479-26-6	See: NI4780000
*72497-31-5	See: TJ1890000
*72498-23-8	See: CE0935000
*72517-61-4	See: YJ9037000
*72517-62-5	See: YJ9030950
*72517-64-7	See: YJ8970000
*72517-67-0	See: YJ9220000
72549-88-3	See: RP6198000
*72558-82-8	See: UU2230000
72569-66-5	See: MB4950000
72571-82-5	See: UV1153850
72575-46-3	See: DE8270000
*72578-86-0	See: UY5883000
*72589-87-8	See: NJ0648000
*72589-88-9	See: NJ0725000
*72590-77-3	See: GM9003000
*72593-08-9	See: CZ2268000
*72601-09-3	See: UQ4665000
*72704-51-9	See: LZ4367500
*72732-23-1	See: AD8260000
*72732-38-8	See: US4675160
*72732-39-9	See: US4675100
*72732-40-2	See: US4589000
*72732-41-3	See: US4660000
*72732-42-4	See: US4663000
*72738-97-7	See: PB0512076
*72738-98-8	See: PB0506700
*72739-00-5	See: PB0503000
*72782-09-3	See: VA4267000
*72782-44-6	See: UD3670500
*72869-73-9	See: WW4460000
*72880-48-9	See: DG5850000
*72900-79-9	See: SZ6530000
*72900-83-5	See: SZ9895000
*72900-86-8	See: SZ7136000
*72942-62-2	See: AF4879000
*72968-07-1	See: TP2497700
*72968-10-6	See: TP2497760
*72973-00-3	See: TG2199000
*72973-01-4	See: TF3305000
*72973-02-5	See: TG2199200
*72973-03-6	See: TE9770000
*72973-04-7	See: TG2199100
*72973-05-8	See: TG2199300
*72973-06-9	See: TE9770100
*72980-62-2	See: LF6666200
72981-86-3	See: DH6651000
*72983-78-9	See: QI9457200
*72984-93-1	See: TF3305100
73019-17-7	See: YT9170000
73070-87-8	See: UA9805000
73094-16-3	See: TD2990000
73105-08-5	See: MB8465000
*73128-65-1	See: OU9635000
*73143-90-5	See: CZ1225400
*73143-91-6	See: CZ5460000
*73143-92-7	See: DC2370000
*73143-93-8	See: CZ1225200
*73143-94-9	See: CZ1225300
73200-62-1	See: WS8280000
*73208-73-8	See: LP9470000
73212-55-2	See: AB6605000
73231-34-2	See: DB6034000
*73275-73-7	See: MJ9669300
*73275-75-9	See: MI5240000
*73275-76-0	See: MJ9669900
*73285-84-4	See: MJ9652600
*73285-85-5	See: MJ9652700
*73285-86-6	See: MJ9651100
*73285-87-7	See: MJ9651000
*73285-92-4	See: MJ9652800
73297-70-8	See: ME4029000
73298-59-6	See: GE4850000
*73307-37-6	See: MJ9669700
*73307-38-7	See: MJ9669800
73321-74-1	See: ET1150000
*73323-33-8	See: TX8028000
*73323-34-9	See: TX8029000
*73361-47-4	See: LJ6000000
*73364-95-1	See: MI5431150
*73384-60-8	See: NJ5749500
*73412-13-2	See: VJ8597000
*73459-03-7	See: LV1452000
*73473-54-8	See: CU1600000
*73511-88-3	See: QE9470000
73513-47-0	See: AH4450000
73535-50-9	See: AU6254000
73598-77-3	See: BW7165000
*73604-83-8	See: TI3682400
73622-53-4	See: AG5990000
73622-54-5	See: AG5995000
73622-55-6	See: AG9020000
73622-56-7	See: AG9480000
73622-57-8	See: AH0400000
73622-59-0	See: AH0650000
73622-60-3	See: AH2700000
73622-61-4	See: AH3743000
73622-62-5	See: AI3100000
73622-63-6	See: AI8975000
73622-64-7	See: AI9565000
73622-65-8	See: AJ2255000
73622-67-0	See: AJ6835000
73622-68-1	See: AA4040000

BEST COPY AVAILABLE

CAS No.	RTECS No.
73622-69-2	See: AL3010000
73622-70-5	See: AL3020000
73622-71-6	See: AL3030000
73622-72-7	See: AL3040000
73622-73-8	See: AL3045000
*73622-74-9	See: AL3060000
73622-75-0	See: AL3080000
73622-76-1	See: AL3085000
73622-77-2	See: FD0871000
73622-78-3	See: FD1590000
73622-79-4	See: FD1905000
73622-80-7	See: FD1910000
73622-81-8	See: FD1915000
73622-82-9	See: FD1920000
73622-83-0	See: FD1925000
73622-84-1	See: FD1930000
73622-85-2	See: FD1935000
73622-86-3	See: FD1940000
73622-87-4	See: FD1945000
73622-88-5	See: FD1950000
73622-89-6	See: FD1955000
73622-90-9	See: FD1960000
73622-91-0	See: FD1965000
73622-92-1	See: FD1970000
73622-93-2	See: FD1975000
73622-94-3	See: FD1980000
73622-95-4	See: FD1985000
73622-96-5	See: FD1990000
*73622-97-6	See: FD7570000
73622-98-7	See: FD7685000
73622-99-8	See: FD7720000
73623-00-4	See: FD7725000
73623-01-5	See: FD7730000
*73623-02-6	See: FD7760000
*73623-03-7	See: FD7765000
73623-04-8	See: FD8590000
73623-05-9	See: FD8690000
*73623-06-0	See: FD8692000
73623-07-1	See: FD8700000
73623-08-2	See: FD8759300
73623-09-3	See: FD8805000
73623-10-6	See: FD8892000
73623-11-7	See: FD8892200
*73623-12-8	See: FD8892350
*73623-13-9	See: FD8892400
*73623-14-0	See: FD8892900
73623-15-1	See: FD8895000
73623-17-3	See: FD8945000
73623-18-4	See: FD9015000
73623-19-5	See: FD9080000
73623-20-8	See: FD9302500
73623-21-9	See: FD9305000
*73623-22-0	See: FD9755000
73623-23-1	See: FD9782000
73623-24-2	See: FD9783000
73623-26-4	See: AC6148000
73623-27-5	See: AC6379000
73623-28-6	See: AC7792500
73623-29-7	See: AC9050000
73623-30-0	See: AC9325000
73623-31-1	See: AD4999750
73623-32-2	See: AD8375000
73623-33-3	See: AD9297500
73623-34-4	See: AD9317500
73623-35-5	See: AE1850000
73623-36-6	See: AE1900000
73623-37-7	See: AE1970750
73623-38-8	See: AE1971200
*73623-39-9	See: AE3800000
73623-40-2	See: AE4295000
73623-41-3	See: AF3575C00
73623-42-4	See: AF3625000
73623-43-5	See: AF4670000
*73623-44-6	See: AF9192500
73623-45-7	See: AF9600000
73636-91-6	See: BR8105000
73636-92-7	See: BR8320000
73636-93-8	See: BR9200000
73636-94-9	See: BR9705000
73636-95-0	See: BR9720000
73636-96-1	See: BR9810000
73636-97-2	See: BR9850000
73636-98-3	See: BR9860000
73636-99-4	See: BS7550000
73637-00-0	See: BS8440000
73637-01-1	See: BS9250000
73637-02-2	See: BT0450000
73637-03-3	See: BT4400000
73637-04-4	See: BW9120000
73637-05-5	See: BW9200000
73637-06-6	See: BX2750000
73637-07-7	See: BX2800000
73637-08-8	See: BX6050000
73637-09-9	See: BY8450000
73637-10-2	See: BZ0280000
73637-11-3	See: BZ2650000
73637-12-4	See: BZ3475000
73637-13-5	See: BZ4910000
73637-15-7	See: BZ8765000
*73637-16-8	See: CB1300000
73637-17-9	See: BS7760000
73637-18-0	See: AL3075000
73637-19-1	See: AH4400000
73637-20-4	See: AH4425000
73645-29-1	See: DW2400000
73651-45-3	See: BR9820000
73651-46-4	See: BR9825000
73651-47-5	See: BX1755000
73651-48-6	See: BX1790000
73651-49-7	See: CB0550000
73663-71-5	See: AL3090000
73663-72-6	See: AL3095000
73663-73-7	See: AL3099000
73663-74-8	See: AL3105000
73663-75-9	See: AL7815000
73663-76-0	See: AL7822000
73663-77-1	See: AL7822050
73663-78-2	See: AM0900000
73663-79-3	See: AM2500000
73663-80-6	See: AM9195000
73663-82-8	See: AN3660000
73663-83-9	See: AP0100000
73663-84-0	See: AR8210000
73663-85-1	See: AR9534600
73663-86-2	See: AR9534900
73663-87-3	See: AR9535200
73663-88-4	See: AR9960000
73663-89-5	See: AR9975000
73663-90-8	See: AS5650000
73663-91-9	See: AT1250000
73663-92-0	See: AT2000000
73663-93-1	See: AT4425000
73663-94-2	See: AU6260000
73663-95-3	See: AU6265000
73663-96-4	See: AU6275000
73663-97-5	See: AU6500000
73663-98-6	See: BP4972000
73663-99-7	See: BP4974000
73664-00-3	See: BP5410000
73664-01-4	See: BP5420000
73664-02-5	See: BP5817500
73664-03-6	See: BP6486000
73664-04-7	See: BP6545700
73664-05-8	See: BP7652500
73664-06-9	See: BP7653000
73664-07-0	See: BP8051500
73664-08-1	See: BP8054200
73664-09-2	See: BP8081200
73664-10-5	See: BP8142000
73664-11-6	See: BQ2505000
73664-12-7	See: BQ2702000
73664-13-8	See: BQ2704000
73664-14-9	See: BQ2900000
73664-15-0	See: BQ3300000
73664-16-1	See: BQ4114000
73664-17-2	See: BQ6835000
73664-18-3	See: BQ6845000
73664-19-4	See: BQ8975000
73664-20-7	See: BR1578000
73664-21-8	See: BR6600000
73664-22-9	See: AB5720000
73664-23-0	See: AB7554000
73664-29-6	See: AB2775000
73664-30-9	See: AB4315000
73664-31-0	See: AB4330000
73664-32-1	See: AB4335000
73664-33-2	See: AB4410000
73664-34-3	See: AB4548500
73664-35-4	See: AB4580000
73664-36-5	See: AB5675000
73664-37-6	See: AB5837500
*73664-38-7	See: AB6380000
73664-39-8	See: AB6425000
73664-40-1	See: AB6550000
73664-41-2	See: AB6600000
73664-42-3	See: AB7245000
*73664-43-4	See: AB8060000
73664-44-5	See: AB8075000
73664-45-6	See: AB8296000
73664-46-7	See: AB8296500
73664-47-8	See: AC4390000
73664-48-9	See: CQ7069080
73664-49-0	See: CQ7069900
73664-50-3	See: CQ7690000
73664-51-4	See: CU5183000
73664-52-5	See: CU5610250
73664-53-6	See: CU5613000
73664-54-7	See: CU5772500
73664-55-8	See: CU6526000
73664-56-9	See: CU6528000
73664-57-0	See: CU6950000
73664-58-1	See: CU6975000
73664-59-2	See: CU7030000
73664-60-5	See: CU8405000
73664-61-6	See: CU8415000
73664-62-7	See: CU8420000
73664-63-8	See: CU8425000
73664-64-9	See: CU8700700
73664-65-0	See: CU8701100
73664-66-1	See: CU8701200
73664-67-2	See: CU8704300
73664-68-3	See: CU8704600
73664-69-4	See: CU8708000
73664-70-7	See: CU8990000
73664-71-8	See: CV2433000
73664-72-9	See: CV2440200
73664-73-0	See: CV2441400
73664-74-1	See: CV2441450
73664-75-2	See: CV2441650
73664-76-3	See: CV3458000
73664-77-4	See: CV4000000
73664-78-5	See: CV4595000
73664-79-6	See: CV4745000
73664-80-9	See: CV4915000
73664-81-0	See: CV5561000
73664-82-1	See: CV5587250
73664-83-2	See: CV5793000
73664-84-3	See: CV6127500
*73666-80-5	See: EC5991820
*73666-84-9	See: XF8600000
73666-87-2	See: AX5235015
73666-88-3	See: AX5235010
*73666-89-4	See: AX5235005
*73666-90-7	See: AX5235000
*73667-02-4	See: VX7550000
*73671-86-0	See: CL5200000
73680-44-1	See: AR7697500
73680-45-2	See: AR9535500
73680-46-3	See: BP6548000
73680-49-6	See: AU7830000
73680-50-9	See: AY3276230
73680-51-0	See: AY3276360
73680-52-1	See: AY3276490
73680-53-2	See: AY3277600
73680-54-3	See: AY3277950
73680-55-4	See: AY3290000
73680-56-5	See: AY3500000
73680-57-6	See: BA6200000
*73680-58-7	See: BD0755000
73680-59-8	See: BO3747500
73680-60-1	See: BO4930000
73680-61-2	See: BO4960000
73680-62-3	See: BO5000000
73680-63-4	See: BO5300000
*73680-64-5	See: BO6479000
73680-65-6	See: BO8240000
73680-66-7	See: BO8292500
73680-67-8	See: BO8295000
73680-68-9	See: BO8297500
73680-69-0	See: BO8350000
73680-70-3	See: BO8385000
73680-72-5	See: BO8390000
73680-73-6	See: BO8395000
73680-74-7	See: BO8450000
73680-75-8	See: BO8589000
73680-76-9	See: BO9454000
73680-77-0	See: BO9480000
73680-78-1	See: BP0310000
73680-79-2	See: BP0440000
73680-80-5	See: BP1525000
73680-81-6	See: BP2825000
73680-82-7	See: BP2850000
73680-83-8	See: BP2875000
73680-84-9	See: BP2900000
73680-85-0	See: BP2925000
73680-86-1	See: CM4559000
73680-87-2	See: CM4565000
73680-88-3	See: CM6752500
73680-89-4	See: CM6765000
73680-90-7	See: CM6890000
73680-91-8	See: CM8945000
73680-92-9	See: CO1687000
73680-93-0	See: CO1740000
73680-94-1	See: CO4840000
73680-95-2	See: CP8118500
73680-96-3	See: CP8119000
73680-97-4	See: CP8332500
73680-98-5	See: CQ0505200
73680-99-6	See: CQ4010000
73681-00-2	See: CQ4196500

BEST COPY AVAILABLE

CAS No.	RTECS No.
73681-01-3	See: CQ4197000
73681-02-4	See: CQ4199000
73681-03-5	See: CQ6510200
73681-05-7	See: CQ7065800
73681-06-8	See: CQ7067800
73681-07-9	See: CQ7067900
73681-08-0	See: CQ7069010
73681-09-1	See: CQ7069015
73681-10-4	See: CQ7069030
73681-11-5	See: CQ7069050
73681-13-7	See: AB4845000
73681-14-8	See: CQ7710000
73681-15-9	See: CU8410000
73688-58-1	See: CQ4867000
73688-59-2	See: CQ5525000
73688-60-5	See: CQ7064200
73688-61-6	See: DB3060000
*73688-62-7	See: DB3100000
*73688-63-8	See: DB5044100
73688-64-9	See: DB7200000
73688-65-0	See: DB7250000
73688-66-1	See: DC0605000
73688-67-2	See: DD1752500
73688-68-3	See: DD5700000
73688-69-4	See: DD6201500
73688-70-7	See: DD6203000
73688-71-8	See: DD6450000
73688-72-9	See: DD8770000
73688-73-0	See: DE1100000
73688-74-1	See: DE1595000
73688-75-2	See: DE2230000
73688-81-0	See: CV6250000
73688-82-1	See: CV6290000
73688-83-2	See: CV7425000
73688-84-3	See: CV8850000
*73688-85-4	See: CY4800000
73688-86-5	See: CY8940000
73688-87-6	See: CY8955000
73688-88-7	See: CY8960000
73688-89-8	See: CY8976000
73688-90-1	See: CY8977500
*73688-91-2	See: CZ1224500
73688-93-4	See: CZ1690000
73688-94-5	See: CZ1940000
73688-95-6	See: CZ1948000
*73688-96-7	See: DB1580000
*73688-97-8	See: DB2947500
73691-53-9	See: DI6144000
73691-54-0	See: HQ7025000
73698-38-1	See: DB6090000
73698-39-2	See: DE2150000
73698-41-6	See: CZ1710000
73698-48-3	See: DE3900000
73698-49-4	See: DE4600000
73698-50-7	See: DE4625000
73698-51-8	See: DE4650000
73698-52-9	See: DE4675000
73698-53-0	See: DE6450000
73698-54-1	See: DE6460000
73698-56-3	See: DE8025620
73698-57-4	See: DE8710000
73698-58-5	See: DF6466000
73698-59-6	See: DF6466200
73698-60-9	See: DF6466500
73698-61-0	See: DF6468000
73698-62-1	See: DF6468500
73698-63-2	See: DF6469950
73698-64-3	See: DF6470000
*73698-65-4	See: DF6845900
73698-66-5	See: DF6846000
73698-67-6	See: DF6847000
73698-68-7	See: DF6848000
73698-69-8	See: DF6849000
73698-70-1	See: DG0879250
73698-71-2	See: DG1125000
73698-72-3	See: DG1150000
73698-73-4	See: DG1587950
73698-74-5	See: DG1587955
73698-75-6	See: DG1991000
73698-76-7	See: DG1992000
73698-77-8	See: DG1993000
73698-78-9	See: DG1994000
73712-01-3	See: AY3710000
73713-47-0	See: DG1580500
73713-48-1	See: DG2354550
73713-49-2	See: DG2354555
73713-50-5	See: DG2535000
73713-51-6	See: DG2535010
73713-52-7	See: DG2941000
73713-53-8	See: DG2975500
73713-54-9	See: DG3015000
73713-55-0	See: DG3015065
73713-56-1	See: DG4448350
73713-57-2	See: DG4700000
73713-58-3	See: DG7365000
73713-59-4	See: DG8550000
73713-62-9	See: DG8732000
73713-63-0	See: DG9877000
73713-64-1	See: DH0223000
73713-65-2	See: DH2220000
73713-66-3	See: DH3525000
73713-67-4	See: DH5090000
73713-68-5	See: DH6476000
73713-69-6	See: DI4360000
73713-70-9	See: DI9925000
73713-71-0	See: DJ2310000
73713-72-1	See: DJ2475000
73713-73-2	See: DK1675000
73713-74-3	See: DK1700000
*73713-75-4	See: DK1800000
73713-76-5	See: DK1862000
73713-77-6	See: DK3600000
73713-78-7	See: DK4010000
73713-79-8	See: DL0100000
73713-80-1	See: DL0254000
73713-81-2	See: DL0254500
73713-82-3	See: DL0255000
73713-83-4	See: DL0260000
73713-84-5	See: DL2900000
73713-85-6	See: DL3170000
73713-86-7	See: DL5985000
73713-87-8	See: DL6625000
73713-88-9	See: DL7008500
73713-89-0	See: DM4817500
73713-90-3	See: DM4821700
73713-91-4	See: DM4845700
73713-92-5	See: DM4885000
73713-93-6	See: DM4897500
73713-94-7	See: DN6842500
73728-38-8	See: DG2359500
73728-39-9	See: DG4457500
73728-40-2	See: DH4500000
73728-41-3	See: DJ2502500
73728-42-4	See: DK1865000
73728-44-6	See: DL3620000
73728-46-8	See: KU7850000
73728-48-0	See: KV2850000
73728-49-1	See: KV3315000
73728-50-4	See: KV3790000
73728-51-5	See: KV7950000
73728-53-7	See: LL5610000
73728-54-8	See: LL7120000
73728-55-9	See: LL7900000
73728-56-0	See: LL8450000
73728-57-1	See: LQ1832000
73728-58-2	See: DN7550000
73728-59-3	See: DN9245000
73728-61-7	See: DO5462000
73728-62-8	See: DO6005000
73728-63-9	See: DP4389000
73728-64-0	See: DP4390000
73728-65-1	See: DP4392500
73728-66-2	See: DP4393500
73728-67-3	See: DP5270000
73728-68-4	See: DP5500000
73728-69-5	See: DP6702000
73728-70-8	See: DP6880000
73728-71-9	See: DQ9300000
73728-72-0	See: DT8040000
73728-73-1	See: DU1100000
73728-74-2	See: DU1120000
73728-75-3	See: DU2025000
73728-76-4	See: DU3110000
*73728-78-6	See: DV0400000
*73728-79-7	See: DV0450000
73728-80-0	See: DV2010000
73728-81-1	See: DV2045750
*73728-82-2	See: DV6170000
73728-83-3	See: EC1530000
73728-84-4	See: EC1850000
73729-91-6	See: CB9631700
73729-92-7	See: CB9636400
73744-58-8	See: BV8002500
73747-17-8	See: KR7400000
73747-18-9	See: DP5650000
*73747-22-5	See: DP4650000
73747-23-6	See: ET5270000
73747-24-7	See: ET6700000
73747-25-8	See: ET8850000
73747-26-9	See: ET8875000
73747-27-0	See: ET9000000
73747-28-1	See: ET9050000
73747-29-2	See: EU1100000
73747-30-5	See: EU1150000
73747-31-6	See: EV6496000
73747-32-7	See: EV6497000
73747-33-8	See: EV6498000
73747-34-9	See: EV6507500
73747-35-0	See: EV6570000
73747-36-1	See: EV6580000
73747-37-2	See: EV6585000
73747-38-3	See: EV6620000
73747-39-4	See: EV6625000
73747-40-7	See: EY8745000
73747-41-8	See: EY9420000
73747-42-9	See: EY9730000
73747-43-0	See: EZ4216000
73747-44-1	See: EZ4230000
73747-45-2	See: FA4435000
73747-46-3	See: FA4446000
73747-47-4	See: FA6550000
73747-48-5	See: FA6705000
73747-49-6	See: FB1450000
73747-50-9	See: FC9160000
73747-51-0	See: OB1228320
73747-52-1	See: OB4510000
73747-53-2	See: OB4512000
73747-54-3	See: OB6315000
73747-55-4	See: OD5460000
73747-56-5	See: OJ6460000
73747-57-6	See: OL5685000
73747-58-7	See: OM9400000
73747-59-8	See: ON5160000
73747-60-1	See: OO0355000
73747-61-2	See: OO0613000
73747-62-3	See: OO0670000
73747-63-4	See: OO0900000
73747-64-5	See: OO1450000
73747-65-6	See: OO3735000
73747-66-7	See: OO4050000
73747-67-8	See: OO4205000
73747-68-9	See: OO4215000
73747-69-0	See: OO4230000
73747-70-3	See: OO4248000
73747-71-4	See: OO4250000
73747-72-5	See: OO4405000
73747-73-6	See: OO6500000
73747-74-7	See: OO6800000
73758-14-2	See: EU5315000
73758-15-3	See: EY9965000
73758-16-4	See: EZ1390000
73758-17-5	See: ED5792500
73758-18-6	See: ED5799000
73758-19-7	See: ED6000000
73758-20-0	See: ED6175000
73758-21-1	See: EJ0475000
73758-22-2	See: EJ4950000
73758-23-3	See: SH8937500
73758-24-4	See: SH9460000
73758-25-5	See: SH9470000
73758-26-6	See: SH9480000
73758-27-7	See: SI0660000
73758-28-8	See: SI0785000
73758-29-9	See: SI0790000
73758-30-2	See: SI0830000
73758-31-3	See: SI1075000
73758-32-4	See: SI1145000
73758-33-5	See: SI1150000
73758-34-6	See: SI2340000
73758-35-7	See: SI7718500
73758-36-8	See: SK0600000
73758-37-9	See: SK4250000
73758-38-0	See: SK6550000
73758-39-1	See: EL2300000
73758-40-4	See: EL7600000
73758-41-5	See: EL9230000
73758-42-6	See: EM6925000
73758-43-7	See: EM6950000
73758-44-8	See: EO3408000
73758-45-9	See: EO4300000
73758-46-0	See: EO6250000
73758-47-1	See: ES0675000
73758-48-2	See: ES0900000
73758-49-3	See: ES4262500
73758-50-6	See: ES4775000
73758-51-7	See: ES5750000
73758-52-8	See: ES7310000
73758-53-9	See: ES7340000
73758-54-0	See: ES8355000
73758-55-1	See: ES8875000
*73758-56-2	See: ES8950000
73758-57-3	See: ET0610000
73758-58-4	See: ET4250000
73758-59-5	See: ET5480000
*73771-03-6	See: SH9665000
73771-05-8	See: TI3965000
73771-06-9	See: TI5605000
73771-07-0	See: TI5620000
73771-08-1	See: TI5635000
73771-09-2	See: TJ5410000

BEST COPY AVAILABLE

CAS No.	RTECS No.
73771-10-5	See: TJ7135000
73771-11-6	See: TJ7550000
73771-12-7	See: TJ7695000
73771-13-8	See: TJ7892500
*73771-15-0	See: TK9980000
73771-18-3	See: TL1288000
73771-20-7	See: TL1288500
73771-21-8	See: TL1355000
73771-22-9	See: TL1765000
73771-23-0	See: TL3499300
73771-24-1	See: UY0735000
73771-25-2	See: TL3857500
73771-26-3	See: TL6380000
73771-27-4	See: TL6951000
73771-28-5	See: TL6952000
73771-29-6	See: TL7100000
73771-37-6	See: TL1288700
73771-38-7	See: TL6252000
73771-39-8	See: TL6850000
73771-40-1	See: RP7193750
73771-41-2	See: RP7193100
73771-42-3	See: RP7193700
73771-43-4	See: RP7194200
73771-44-5	See: RP7210000
73771-45-6	See: RQ1600000
73771-46-7	See: RQ2126000
73771-47-8	See: RQ2145000
73771-48-9	See: RQ4770000
73771-49-0	See: RQ5630000
73771-50-3	See: RQ5660000
73771-51-4	See: RR1120000
73771-52-5	See: RZ2475500
73771-53-6	See: RZ9650000
73771-54-7	See: SA0280000
73771-55-8	See: SA3681000
73771-56-9	See: SB2150000
73771-57-0	See: SB2175000
73771-58-1	See: SB3384000
73771-59-2	See: SB3730000
73771-60-5	See: FL9795000
73771-61-6	See: FE0177500
73771-62-7	See: FE2780000
73771-63-8	See: FE5790000
73771-64-9	See: FF9725000
73771-65-0	See: FG3360000
73771-66-1	See: FI1525000
73771-67-2	See: FI1550000
73771-68-3	See: FI1650000
73771-69-4	See: FI1700000
73771-70-7	See: FI1820000
73771-71-8	See: FZ2260000
*73771-72-9	See: FZ3614950
*73771-73-0	See: FZ3615000
73771-74-1	See: FZ3615050
73771-75-2	See: GB7896000
73771-76-3	See: GB7897000
73771-77-4	See: GB7898000
73771-78-5	See: GB8097000
73771-79-6	See: GC1200000
73771-80-9	See: GD2890000
73771-81-0	See: GD2902000
73771-82-1	See: TN2320000
73771-83-2	See: TN4220500
73771-84-3	See: TN4225500
73771-85-4	See: TN4226500
73771-86-5	See: TN4251700
73771-87-6	See: TN4433500
*73771-89-8	See: TN4972000
73771-90-1	See: TN5512500
*73771-91-2	See: TN5950030
73771-93-4	See: TN5951580
*73785-40-7	See: MF0035520
73790-22-4	See: EM5890000
73790-23-5	See: ES4090000
*73790-24-6	See: TL0184000
73790-26-8	See: FI1500000
*73790-27-9	See: TN4700700
73790-29-1	See: TA0250000
73790-30-4	See: TA0335000
73790-31-5	See: TA0422500
73790-32-6	See: TA0955000
73790-33-7	See: TA1500000
73790-34-8	See: TA1525000
73790-35-9	See: TA1848000
73790-36-0	See: TA1858000
73790-37-1	See: TA1880000
73790-38-2	See: TA2280000
73790-39-3	See: TA2285000
73790-40-6	See: TA2290000
73790-41-7	See: TA2295000
73790-42-8	See: TA2297500
73790-43-9	See: TA2298500
73790-44-0	See: TA2298600
73790-45-1	See: TA2320000
73790-46-2	See: TA2378800
73790-47-3	See: TA2380000
73790-48-4	See: TA2435500
73790-49-5	See: TA2600000
73790-50-8	See: TA3625000
73790-51-9	See: TB1103500
73790-52-0	See: TB3550000
73790-53-1	See: TM3407100
73790-54-2	See: TM3407200
73790-55-3	See: TM3407300
73790-56-4	See: TM3407800
73790-57-5	See: TM3408000
73790-58-6	See: TM5990000
*73790-59-7	See: TM6225000
73790-60-0	See: TM6468600
73790-61-1	See: TM6469800
73790-62-2	See: TM6470000
73790-63-3	See: TM6482700
73790-64-4	See: TM6484000
73790-65-5	See: TM6495500
73790-66-6	See: TM6496000
73790-67-7	See: TM6496300
73790-68-8	See: TM6496350
73790-69-9	See: TM6498200
73790-70-2	See: TM6498400
73790-71-3	See: TM6499000
73790-72-4	See: TM7170000
73790-73-5	See: TM7250000
73790-74-6	See: TM8060000
73790-75-7	See: TN0280550
73790-76-8	See: TN0282000
73790-77-9	See: TN0378000
*73790-78-0	See: TN0404800
73790-79-1	See: TN0407000
73790-80-4	See: TN1278000
73790-81-5	See: TN1300500
73790-82-6	See: TN1942000
73790-83-7	See: TN1947500
73790-84-8	See: TN2160000
73790-85-9	See: TN2272500
73790-86-0	See: TN2285000
73790-89-3	See: GD7001500
73790-90-6	See: GD7416000
73790-91-7	See: GD7432500
73790-92-8	See: GD8800000
73790-93-9	See: GD9730000
73790-94-0	See: GD9760000
73790-95-1	See: GD9855000
73790-96-2	See: GD9860000
73790-97-3	See: GD9865000
73790-98-4	See: GD9870000
73790-99-5	See: GD9875000
73791-00-1	See: GD9880000
73791-01-2	See: GE0360000
73791-02-3	See: GE0370000
73791-03-4	See: GE0380000
73791-04-5	See: GE0390000
73791-05-6	See: GE0410000
73791-06-7	See: GE0420000
73791-07-8	See: GE1457500
73791-08-9	See: GN6382000
73791-09-0	See: GN6725000
73791-10-3	See: GN6732000
73791-11-4	See: GN6740000
73791-12-5	See: GN6749000
73791-13-6	See: GN6757000
73791-14-7	See: GN6780000
73791-15-8	See: GN6905000
73791-16-9	See: GN7580000
73791-17-0	See: GN7637000
73791-18-1	See: GN7645000
73791-19-2	See: GN7648500
73791-20-5	See: GO7150000
73791-21-6	See: GO8100000
73791-22-7	See: GP1330000
73791-23-8	See: CB1850000
73791-25-0	See: CB3240000
73791-26-1	See: CB4100000
73791-27-2	See: CB4590000
73791-28-3	See: CB4595000
73791-29-4	See: CB5300000
73791-30-7	See: CB5745500
73791-31-8	See: CB7950000
73791-32-9	See: CB8250000
73791-33-0	See: CB8775000
73791-34-1	See: CD2700000
73791-35-2	See: CD3000000
73791-36-3	See: CD3025000
73791-37-4	See: CE0910000
73791-38-5	See: CF2050000
*73791-39-6	See: CG7250000
*73791-40-9	See: CH7240000
*73791-41-0	See: CH7242000
*73791-42-1	See: CH7245000
*73791-43-2	See: CH7910000
*73791-44-3	See: CH7925000
*73791-45-4	See: CH7950000
73791-47-6	See: CK2455000
*73793-13-2	See: OM9375000
73802-95-6	See: HM1150000
73803-49-3	See: GD2901000
73804-26-9	See: GD2903000
73804-27-0	See: GD2906000
73804-28-1	See: GD2907000
73805-83-1	See: TA0260000
73805-84-2	See: TA0357500
73805-85-3	See: TA2085000
73805-86-4	See: TA2395000
73805-87-5	See: GQ5700000
73805-88-6	See: GL1755000
73805-90-0	See: TN0382000
73805-93-3	See: RD1350000
73805-95-5	See: RN6814000
73805-96-6	See: RN6817000
73805-97-7	See: RN6818000
73805-98-8	See: RN6819000
73805-99-9	See: RN6820000
73806-00-5	See: RN6821000
73806-01-6	See: RN7358000
73806-02-7	See: RN7362000
73806-03-8	See: RN7370000
73806-04-9	See: RN7400000
73806-05-0	See: RN7751000
73806-06-1	See: RN7755000
73806-07-2	See: RN7757500
73806-08-3	See: RN7766000
73806-09-4	See: RN7768000
73806-10-7	See: RN7782000
73806-11-8	See: RN7805000
73806-12-9	See: RN7836000
73806-13-0	See: RN7849000
73806-14-1	See: RN7849500
73806-15-2	See: RN7849510
73806-16-3	See: RN7854000
73806-17-4	See: RN7865000
73806-18-5	See: RN8078000
73806-19-6	See: RN8078500
73806-20-9	See: RN8220000
73806-22-1	See: RP3680000
73806-23-2	See: RP4380000
73806-24-3	See: RP4388000
73806-25-4	See: RP6425000
73806-26-5	See: RP6425550
73806-27-6	See: RP7192000
73806-28-7	See: RP7192550
73806-29-8	See: GU1770000
73806-30-1	See: GU1776000
73806-31-2	See: GU4676000
73806-32-3	See: GU4678000
73806-33-4	See: GU4725000
73806-34-5	See: GU4750000
73806-35-6	See: GU5510000
73806-36-7	See: GU5785000
73806-37-8	See: GU6937000
73806-38-9	See: GV6135000
73806-39-0	See: GV6150000
73806-40-3	See: GV8450000
73806-41-4	See: GV8620000
73806-42-5	See: GV8640000
73806-43-6	See: GV8830000
73806-44-7	See: GV8880000
73806-45-8	See: GV8925400
73806-46-9	See: GV8905000
73806-47-0	See: GV8930000
73806-48-1	See: GV8935000
*73806-49-2	See: GV8940000
73806-50-5	See: GV8948000
73806-51-6	See: GV9055000
73806-52-7	See: GV9060000
73806-53-8	See: GV9080000
73806-54-9	See: GV9085000
73806-55-0	See: GV9650000
73806-56-1	See: GV9675000
73806-57-2	See: GV9700000
73806-58-3	See: GW0530000
73806-60-7	See: ME9460000
73806-61-8	See: MF1150000
73806-63-0	See: MF3625000
73806-64-1	See: MF3750000
73806-65-2	See: MF8350000
73806-67-4	See: MI3530000
73806-68-5	See: MI7600000
73806-69-6	See: MJ0950000
73806-70-9	See: MJ1950000
73806-71-0	See: MJ7182000
*73815-11-9	See: DI4710000

BEST COPY AVAILABLE

CAS No.	RTECS No.
73816-36-1	See: RN7758500
73816-37-2	See: RN7765000
73816-38-3	See: RN7837500
73816-39-4	See: GU1777000
73816-40-7	See: GV8840000
73816-41-8	See: ME9375000
*73816-43-0	See: QF3328500
73816-44-1	See: NL7730000
73816-45-2	See: NL7734000
73816-46-3	See: NL7925000
73816-47-4	See: NL8515000
73816-48-5	See: NL8794000
73816-49-6	See: NL9480000
73816-50-9	See: NL9550000
73816-51-0	See: NM1350000
73816-52-1	See: NM1465000
73816-53-2	See: NM1470000
73816-54-3	See: NM1475000
73816-55-4	See: NM1490000
73816-56-5	See: NM1867000
73816-57-6	See: NM1869000
73816-58-7	See: NM1893500
73816-59-8	See: NM2470000
73816-60-1	See: NM2555000
73816-61-2	See: NM2570000
73816-62-3	See: NM2375000
73816-63-4	See: NR3480000
73816-64-5	See: NR3535800
73816-65-6	See: NR3545000
73816-66-7	See: NR3540000
73816-67-8	See: NR3700000
73816-68-9	See: QF2823000
73816-69-0	See: QF2826000
73816-70-3	See: QF2835000
73816-71-4	See: QF4699250
73816-72-5	See: QF4699270
73816-73-6	See: QJ1525000
73816-74-7	See: QJ6403500
73816-75-8	See: QJ6417000
73816-76-9	See: QK0365800
73816-77-0	See: QK2760000
73816-78-1	See: QK9900000
73816-79-2	See: QK9950000
73816-80-5	See: QL5418000
73816-81-6	See: QL7360000
73816-82-7	See: QL7362500
73816-83-8	See: QL7473000
73816-84-9	See: QL7474000
73816-85-0	See: QM0400000
*73816-86-1	See: TN6195000
73816-88-3	See: TN6992000
73816-89-4	See: TN6997400
73816-90-7	See: TN6998000
73816-91-8	See: TN7210000
73816-92-9	See: TN7631000
73816-93-0	See: TN7841000
73816-94-1	See: TN7866000
*73823-25-3	See: SB0420000
*73823-27-5	See: RH1686000
*73824-83-6	See: HY9700000
73825-51-1	See: NX5662500
73825-52-2	See: NX8156000
73825-53-3	See: NX8156200
73825-54-4	See: NX8156400
73825-55-5	See: NX8156600
73825-56-6	See: NX8156800
73825-57-7	See: NX9000000
73825-58-8	See: NY1503000
73825-59-9	See: NY9000000
73825-60-2	See: GW0550000
73825-61-3	See: GW0620000
73825-62-4	See: GW1850000
73825-63-5	See: GW4850000
73825-64-6	See: GW6330000
73825-65-7	See: GX0740000
73825-66-8	See: GX1060000
73825-67-9	See: GX1470000
73825-68-0	See: GX1540000
73825-69-1	See: GY2476000
73825-70-4	See: GY2560000
73825-71-5	See: GY2650000
73825-72-6	See: SL1935000
73825-73-7	See: GY5895000
73825-74-8	See: GY5945000
73825-75-9	See: GY8101500
73825-76-0	See: GZ0695000
73825-77-1	See: HD9285000
73825-78-2	See: HJ4650000
73825-79-3	See: HM0340400
73825-80-6	See: HM0444500
73825-81-7	See: HM0474500
73825-82-8	See: HM0640000
73825-83-9	See: TP2274000
73825-84-0	See: TP2246500
*73825-85-1	See: TP2246700
73825-86-2	See: TP2276500
73825-87-3	See: TP2276550
73825-88-4	See: UF5990000
73825-89-5	See: UB1767000
73825-90-8	See: UB1768000
73825-91-9	See: UB2500000
73825-92-0	See: UB3170000
73825-93-1	See: UB3160000
73825-94-2	See: UB3680000
73825-95-3	See: UB4135000
73825-96-4	See: UB5550000
73825-97-5	See: UB6452500
73825-98-6	See: UB6457500
73825-99-7	See: UB7550000
73826-00-3	See: UB7575000
73826-01-4	See: UB8690000
73826-02-5	See: UB8820000
73826-03-6	See: UB9337500
73826-04-7	See: UB9338000
73826-05-8	See: UB9339000
73826-06-9	See: UC0250000
73826-07-0	See: UC0780000
73826-08-1	See: UC0781000
73826-09-2	See: UC2978000
73826-10-5	See: UC2988800
73826-11-6	See: UC3820000
73826-12-7	See: UC3830000
73826-13-8	See: UD3600000
73826-14-9	See: UD5525000
73826-15-0	See: UE2990000
73826-16-1	See: UE3110000
73826-17-2	See: UE3170000
73826-18-3	See: UE4440000
73826-19-4	See: UE4470000
73826-20-7	See: UE4528300
73826-21-8	See: UE5093500
73826-22-9	See: UE5635000
73826-23-0	See: UE5636000
73826-24-1	See: UF1780000
73826-25-2	See: UF4250000
73826-26-3	See: UF6147000
73826-27-4	See: UF6140000
73826-28-5	See: UF6145000
73826-29-6	See: UF8425000
73826-30-9	See: UG1560000
73826-31-0	See: UG1565000
73826-32-1	See: UG1567000
73826-33-2	See: UG5350000
73826-34-3	See: UG7375000
73826-35-4	See: UG7500000
73826-36-5	See: UG8255000
73826-37-6	See: UG8900000
73826-38-7	See: UG9412500
73826-39-8	See: UH0405000
73826-40-1	See: UH0537200
73826-41-2	See: UH1598000
73826-42-3	See: UH1680000
73826-43-4	See: UH2845000
73826-44-5	See: UH2950000
73826-45-6	See: UH3000000
73826-46-7	See: UH3015000
73826-47-8	See: UH3018000
73826-48-9	See: UH3030000
73826-49-0	See: UH3035000
73826-50-3	See: UH3040000
73826-51-4	See: UH3090000
73826-52-5	See: UH3125000
73826-53-6	See: NR3635000
73826-54-7	See: NS5000000
*73826-55-8	See: NS5270000
73826-56-9	See: NM0600000
73826-57-0	See: QJ1860000
73826-58-1	See: QJ6412000
73826-59-2	See: QJ6970000
73826-60-5	See: QL1450000
73826-61-6	See: QL2050000
73826-62-7	See: NX4876000
73826-63-8	See: NX1425000
73829-38-6	See: UR0430000
73837-05-5	See: RD1425000
73837-59-9	See: NR3440000
73839-57-3	See: GW4580000
73839-58-4	See: GW4825000
73839-59-5	See: UE6110000
73839-60-8	See: LQ4557000
73839-62-0	See: LT1860000
73839-63-1	See: LT7011000
73839-64-2	See: LT7262000
73839-65-3	See: LU3460000
73839-66-4	See: LU3475000
73839-67-5	See: LU3568000
73839-68-6	See: LU5207000
73839-69-7	See: LU6200000
73839-70-0	See: LU9280000
73839-71-1	See: LV2460000
73839-72-2	See: LV2475500
73839-73-3	See: LV2470000
73839-74-4	See: LV2475000
73839-75-5	See: LV2480000
73839-76-6	See: LV2550000
73839-77-7	See: LV2650000
73839-78-8	See: LV2700000
73839-79-9	See: LV8450000
73839-80-2	See: LY5060000
73839-81-3	See: LZ7150000
73839-82-4	See: LT0650000
73839-83-5	See: UH4386820
73839-84-6	See: UH4386840
73839-85-7	See: UH4386860
73839-86-8	See: UH4386880
73839-87-9	See: UH4387300
73839-88-0	See: UH4387710
73839-89-1	See: UH4400200
73839-90-4	See: UH4416000
73839-91-5	See: UH4421500
73839-92-6	See: UI0671000
73839-93-7	See: UI4028000
73839-94-8	See: UI4150000
73839-95-9	See: UM0708000
73839-96-0	See: UM0742000
73839-98-2	See: UM0840000
73839-99-3	See: UM0940000
73840-00-3	See: UM2390000
73840-01-4	See: UM6800000
73840-02-5	See: UM8235000
73840-04-7	See: UM8800000
73840-05-8	See: UM8960000
73840-06-9	See: UM8980000
73840-07-0	See: UM9850000
73840-09-2	See: UN0650000
73840-11-6	See: YT9682000
73840-12-7	See: YT9685000
73840-13-8	See: YU1340000
73840-14-9	See: YU1370000
73840-15-0	See: YU1585000
73840-16-1	See: YU1640000
73840-17-2	See: YU4905000
73840-18-3	See: YU6685000
73840-19-4	See: YV4340000
73840-20-7	See: YV5000000
73840-21-8	See: YV6162000
73840-23-0	See: YV7850000
73840-26-3	See: YV8190000
73840-27-4	See: YV8530000
73840-28-5	See: ZD7707000
73840-29-6	See: ZD8099500
73840-30-9	See: ZD8099700
73840-31-0	See: ZF9490000
73840-32-1	See: ZG0800000
73840-34-3	See: UT7200000
73840-35-4	See: UT7370000
73840-36-5	See: UT8227000
73840-37-6	See: UU2300000
73840-38-7	See: UU2585000
73840-39-8	See: UU2750000
73840-40-1	See: UU2890000
73840-41-2	See: UU3560000
73840-42-3	See: UU6650500
73840-43-4	See: UU6853300
73840-44-5	See: UU6854500
73840-45-6	See: UU6855000
73840-46-7	See: UU6890000
73840-47-8	See: UU6905000
73840-48-9	See: UU7713000
73840-49-0	See: UU7714000
73840-50-3	See: UU7714500
73840-51-4	See: UV0200000
73840-52-5	See: UV1150700
73840-53-6	See: UV1179600
73840-54-7	See: UV6350000
*73853-09-5	See: XF0877500
73855-25-1	See: YV4250000
73855-26-2	See: UU3874800
73855-27-3	See: UU6927500
73855-28-4	See: UV1179730
73855-29-5	See: UV1235000
73855-30-8	See: VC3967000
73855-31-9	See: VC4016000
73855-32-0	See: VC4375000
73855-33-1	See: VC4450000
73855-34-2	See: VC4680000
73855-35-3	See: VC5150000
73855-36-4	See: VC7980000
73855-37-5	See: VC8253000
73855-38-6	See: VC8268000

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
73855-39-7	See: VC8271000
73855-40-0	See: VC8273000
73855-41-1	See: VD1300000
73855-42-2	See: VD1585000
73855-43-3	See: VD2480000
73855-44-4	See: VD3000000
73855-45-5	See: VD3575000
73855-46-6	See: VD3582000
73855-47-7	See: VD3597000
73855-48-8	See: VD3650000
73855-50-2	See: VD7184500
73855-51-3	See: VH0370000
*73855-52-4	See: VH3708450
*73855-53-5	See: VH3708820
73855-54-6	See: VI7710000
73855-55-7	See: VI7705000
73855-56-8	See: VI7750000
73855-57-9	See: VI8070000
73855-58-0	See: VI8100000
73855-59-1	See: VI8150000
73855-60-4	See: VI8180000
73855-61-5	See: VI8195000
73855-62-6	See: VI8460000
73855-63-7	See: VI8470000
73855-64-8	See: VI8483000
73855-66-0	See: VI8482000
73855-67-1	See: CL5490000
73855-68-2	See: CL5525000
73855-69-3	See: CL5526000
73855-70-6	See: CL5527000
73855-71-7	See: CL5528000
73855-72-8	See: CL5580000
73855-73-9	See: CL5590000
73855-74-0	See: CM0220000
73855-75-1	See: CM0240000
73855-76-2	See: PC1375000
73855-77-3	See: CM0775000
73855-78-4	See: CM0800000
73855-79-5	See: CM3000000
73855-80-8	See: CL9870000
73855-81-9	See: CM4300200
73855-82-0	See: CM4303200
73855-83-1	See: CM4303500
73855-84-2	See: CM4304500
73855-85-3	See: CM4310800
73855-86-4	See: CM4311000
73855-87-5	See: CM4311200
73855-88-6	See: CM4311350
73855-89-7	See: CM4311400
73855-90-0	See: CM4311600
73855-91-1	See: CM4311800
73855-92-2	See: CM4312800
73855-93-3	See: CM4313000
73855-94-4	See: CM4403000
73855-95-5	See: CM4405000
73855-96-6	See: CM4412000
73855-97-7	See: QJ1500000
73873-83-3	See: UU6845000
73873-84-4	See: VD7185000
73873-85-5	See: VI8210000
73873-86-6	See: CM4311330
73889-51-7	See: RD1450000
73889-52-8	See: RD1625000
73889-53-9	See: RD1675000
73889-60-8	See: GY2700000
73889-61-9	See: GY3200000
73890-75-2	See: VD3595200
73908-74-4	See: XH5610000
73908-75-5	See: XH5635000
73908-76-6	See: XH5900600
73908-77-7	See: XH5901200
73908-78-8	See: XH5922000
73908-79-9	See: XH6080000
73908-80-2	See: XH6135000
73908-81-3	See: XH6300000
73908-82-4	See: XH6370000
*73908-83-5	See: XH6487800
73908-84-6	See: XH6493000
73908-85-7	See: XI2280000
73908-86-8	See: XI2281000
73908-87-9	See: XI2282000
73908-88-0	See: XI2283000
73908-89-1	See: XI2283200
73908-90-4	See: XI2283500
73908-91-5	See: XI3660000
73908-92-6	See: XJ0195000
73908-93-7	See: XZ6158600
73908-94-8	See: XJ9089500
73908-95-9	See: XK7650000
73908-96-0	See: XK9105000
73908-97-1	See: XK9350000
73908-98-2	See: XK9500000
73908-99-3	See: XK9700000
73909-00-9	See: XL1530000
73909-01-0	See: XL1555000
73909-02-1	See: XL1800000
73909-03-2	See: XM3050200
73909-04-3	See: XM3051000
73909-05-4	See: XM9200000
73909-06-5	See: XN0285000
73909-07-6	See: XN1800000
73909-08-7	See: XN4600000
73909-09-8	See: XO1577000
73909-10-1	See: XO1580000
73909-11-2	See: XO1605000
73909-12-3	See: XO1606000
73909-13-4	See: XO1644000
73909-14-5	See: XO7050000
73909-15-6	See: XS3350000
73909-16-7	See: XS9070000
73909-17-8	See: XT4880000
73909-18-9	See: XU1640000
73909-19-0	See: XU1755000
73909-20-3	See: XU2220000
*73920-58-8	See: TP2257000
*73920-59-9	See: RT3487200
73924-72-8	See: VD4850000
73924-73-9	See: CL5627700
73926-78-0	See: XI0200000
*73926-79-1	See: XQ4100000
73926-80-4	See: WR7878000
73926-81-5	See: WR7879000
73926-82-6	See: WR8500000
73926-83-7	See: WR8510000
73926-84-8	See: WR8600000
*73926-85-9	See: HR8110000
*73926-87-1	See: OV9400000
73926-88-2	See: OV9900000
73926-89-3	See: OW0950000
*73926-90-6	See: WH6745000
*73926-91-7	See: WJ5150000
*73926-92-8	See: WJ5200000
73926-93-9	See: WJ6500000
*73926-94-0	See: WJ6600000
73926-95-1	See: WM7440000
73926-96-2	See: WM9200000
73926-97-3	See: WM9570000
73926-98-4	See: WN2220000
73927-00-1	See: WN2550000
73927-01-2	See: WN2860000
73927-02-3	See: WN3000000
73927-03-4	See: WO5967000
73927-04-5	See: WO8576000
73927-05-6	See: WO8578000
73927-06-7	See: WP3898500
73927-07-8	See: WQ2050000
73927-08-9	See: WQ2978000
73927-09-0	See: WQ5800000
73927-10-3	See: WQ6155000
73927-11-4	See: WR2500000
73927-12-5	See: WR5150000
73927-13-6	See: WR5300000
73927-14-7	See: WR7687000
73927-16-9	See: WR7689000
73927-17-0	See: WR7901000
73927-18-1	See: WR7917000
73927-19-2	See: WS1980000
73927-20-5	See: WS2430000
73927-21-6	See: KJ4364000
73927-22-7	See: KJ6950000
73927-23-8	See: KJ7200000
*73927-24-9	See: KK2425000
*73927-25-0	See: KK3527000
73927-26-1	See: KK4250000
73927-27-2	See: KK4980000
73927-28-3	See: KK7180000
73927-29-4	See: KL1350000
73927-30-7	See: KL8245000
73927-31-8	See: KL8255000
73927-32-9	See: KL8265000
73927-33-0	See: KL8295000
73927-34-1	See: KL8305000
73927-35-2	See: KL8315000
73927-36-3	See: KL8325000
73927-37-4	See: KL8335000
73927-38-5	See: KL8355000
73927-39-6	See: KL8365000
73927-40-9	See: KL8375000
73927-41-0	See: KL8385000
73927-42-1	See: KL8395000
73927-43-2	See: KL8405000
73927-44-3	See: KL8415000
73927-45-4	See: KL8425000
73927-46-5	See: KL8435000
73927-47-6	See: KL8445000
73927-48-7	See: KL8455000
73927-49-8	See: KL8465000
73927-50-1	See: KL8485000
73927-51-2	See: KL8505000
73927-52-3	See: KL8515000
73927-53-4	See: KL8525000
73927-54-5	See: KM2950000
73927-55-6	See: KM7400000
73927-56-7	See: KN2100000
73927-57-8	See: KN3615000
73927-58-9	See: KQ7320000
73927-59-0	See: HM8150000
*73927-60-3	See: HN1872000
73927-61-4	See: HO7643080
73927-63-6	See: HO7643090
73927-65-8	See: HO7643100
73927-66-9	See: HO8317000
73927-67-0	See: HP3082000
73927-68-1	See: HP5272000
73927-69-2	See: HP5441000
73927-70-5	See: HP5442000
73927-71-6	See: HP5445000
73927-72-7	See: HP5447500
73927-73-8	See: HP5448000
73927-74-9	See: HP5449000
73927-76-1	See: HP6500000
73927-77-2	See: HQ2450000
73927-78-3	See: HQ2451000
73927-79-4	See: HQ2451500
73927-80-7	See: HQ2541500
73927-81-8	See: HQ2541800
73927-82-9	See: HQ2632000
73927-83-0	See: HQ2635000
73927-84-1	See: HQ2640000
73927-85-2	See: WH1322000
*73927-86-3	See: WH6730500
*73927-87-4	See: WH6730900
*73927-88-5	See: WH6787000
*73927-89-6	See: WH6872500
*73927-90-9	See: WH7526700
*73927-91-0	See: WH8576000
*73927-92-1	See: WH8577000
*73927-93-2	See: WH8578000
*73927-94-3	See: WH8579000
*73927-95-4	See: WH8579200
*73927-96-5	See: WH8599000
*73927-97-6	See: WH8635000
*73927-98-7	See: WH8707000
*73927-99-8	See: WH8715000
*73928-00-4	See: WH8820000
*73928-01-5	See: WJ3600000
*73928-02-6	See: WJ4600000
*73928-03-7	See: WJ4630000
*73928-04-8	See: WJ4670000
73928-05-9	See: WJ5030000
*73928-06-0	See: WG9880000
73928-07-1	See: WH0194500
*73928-08-2	See: WH1309900
73928-09-3	See: OP2900000
73928-10-6	See: OP2920000
*73928-11-7	See: OW2050000
73928-12-8	See: OW3360000
73928-13-9	See: PA4700000
73928-14-0	See: PA4720000
73928-15-1	See: PA6560000
73928-16-2	See: PA6570000
73928-17-3	See: TP3927000
73928-18-4	See: TP4505000
73928-19-5	See: TP4510000
73928-20-8	See: TP4514000
73928-21-9	See: TP4515000
73928-22-0	See: TP4525000
73928-23-1	See: TP4530000
73928-24-2	See: TU4157700
73928-25-3	See: TQ1285000
*73928-65-1	See: VX7560000
*73928-66-2	See: VX7500000
73940-79-1	See: OW4390000
73940-80-4	See: KL8475000
73940-82-6	See: HO7643060
73940-83-7	See: HP1583000
73940-84-8	See: HP1583500
*73940-85-9	See: WH6714250
*73940-86-0	See: WH6872000
*73940-87-1	See: WH8272500
*73940-88-2	See: WH8578200
*73940-89-3	See: WH8709000
73940-90-6	See: OW1425000
73940-91-7	See: TP3922500
73940-93-9	See: XU6350000
73940-94-0	See: XV0900000
73940-95-1	See: XV1000000
73940-96-2	See: XX9280000
73940-97-3	See: XX9290000
73940-98-4	See: XX9300000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CAS No.	RTECS No.
73940-99-5	See: XX9315000
73941-00-1	See: XX9330000
73941-01-2	See: XX9345000
73941-02-3	See: XX9360000
73941-03-4	See: XX9390000
73941-04-5	See: XX9420000
73941-05-6	See: XY2970000
73941-06-7	See: XY3300000
73941-07-8	See: XY3700000
73941-08-9	See: XY9493000
73941-09-0	See: XY9496000
73941-10-3	See: XZ1058000
73941-11-4	See: MV5150000
73941-12-5	See: MV5370000
73941-14-7	See: MV7740000
73941-15-8	See: MV7745000
73941-16-9	See: MV8370000
73941-18-1	See: MV9140000
73941-19-2	See: MV9362000
73941-20-5	See: MV9365000
73941-21-6	See: MV9370000
73941-22-7	See: MW0348500
73941-23-8	See: MW3150000
73941-24-9	See: MW4910000
73941-25-0	See: MW4925000
73941-26-1	See: MW5297500
73941-27-2	See: NC3562000
73941-28-3	See: NC3566000
73941-29-4	See: NC4800000
73941-30-7	See: NC4980000
73941-31-8	See: NC5450000
73941-32-9	See: NH4650000
73941-33-0	See: NI4001500
73941-34-1	See: NI7771000
*73941-35-2	See: NI8665000
73941-36-3	See: NI8670000
73941-37-4	See: NI8725000
73941-38-5	See: NI8935000
73941-39-6	See: NI8941000
73941-40-9	See: NI8941500
73941-41-0	See: NI8942000
73941-42-1	See: NI9470000
73941-43-2	See: NJ0605000
73952-56-4	See: KK4960000
73952-57-5	See: KK7190000
73952-58-6	See: KL6566000
73953-51-2	See: TP3921000
73953-52-3	See: MV5290000
*73953-53-4	See: MW0220000
73953-54-5	See: YR8931000
73953-55-6	See: YR8932000
73953-56-7	See: YR8932500
73953-57-8	See: YR8934000
73953-58-9	See: YR8935000
73953-59-0	See: YR8937000
73953-60-3	See: YS2680000
73953-61-4	See: YS2985000
73953-62-5	See: YS3025000
73953-63-6	See: YS3200000
73953-64-7	See: YS3220000
73953-65-8	See: YS3430000
73953-66-9	See: YS3550000
73953-67-0	See: YS3815000
73953-68-1	See: YS3830000
73953-69-2	See: YS5014500
73953-70-5	See: YS6150000
73953-71-6	See: YS6495000
73953-72-7	See: YS7560000
73953-73-8	See: YS7580000
73953-74-9	See: YS8950000
73953-75-0	See: YS9000000
73953-76-1	See: YS9375000
73953-77-2	See: YS9376000
73953-78-3	See: YS9377000
73953-79-4	See: YS9805000
73953-80-7	See: YT0660000
73953-81-8	See: YT0166000
73953-82-9	See: YT0167600
73953-83-0	See: YT0250000
73953-84-1	See: YT4000000
73953-85-2	See: YT4560000
73953-86-3	See: XZ1061500
73953-87-4	See: XZ1078000
73953-88-5	See: XZ3816000
73953-89-6	See: XZ4580000
73953-90-9	See: XZ4600000
73953-91-0	See: YE2050000
73953-93-2	See: YE2110000
73953-94-3	See: YJ9032000
73953-95-4	See: YJ9040000
73953-96-5	See: YJ9265000
73953-98-7	See: YM3320000
73953-99-8	See: YM3340000
73954-01-5	See: YM3350000
73954-02-6	See: YM3410000
73954-03-7	See: YM3415000
73954-04-8	See: YM3430000
73954-05-9	See: YM3520000
73954-06-0	See: YT3278800
73954-07-1	See: YT3279000
73954-08-2	See: YT3279100
73954-09-3	See: YT3279200
73954-10-6	See: YT3279400
73954-11-7	See: YT3279500
73954-12-8	See: YT3279700
73954-13-9	See: YT3293000
73954-14-0	See: YT3295000
73954-15-1	See: YT3457000
73954-16-2	See: YT4030000
*73954-17-3	See: WG9655000
73954-18-4	See: WG9665000
73972-36-8	See: WG9640000
73972-37-9	See: WG9651000
73972-38-0	See: WG9670000
73972-41-5	See: TX8260000
73972-42-6	See: TY6738000
73972-43-7	See: TZ0835000
73972-44-8	See: TZ2570000
73972-45-9	See: TZ6070000
73972-46-0	See: TZ6080000
73972-47-1	See: UA4775000
73972-48-2	See: UA8460000
73972-49-3	See: UB1440000
73972-50-6	See: UB1500000
73972-51-7	See: UB1766000
73972-53-9	See: UQ7520600
73972-54-0	See: UQ8540000
73972-55-1	See: UP0780500
73972-56-2	See: UP0781500
73972-57-3	See: UP0794000
73972-58-4	See: UP0796000
73972-59-5	See: UP0798000
73972-60-8	See: UQ0345000
73972-61-9	See: UQ0515000
73972-62-0	See: UQ0575000
73972-63-1	See: UQ2460000
73972-64-2	See: UQ2480000
73972-65-3	See: UQ3475000
73972-66-4	See: UQ6145000
73972-68-6	See: UQ8455000
73972-69-7	See: UQ8670000
73972-70-0	See: UQ8960000
73972-71-1	See: TB6070000
73972-72-2	See: TB7425000
73972-73-3	See: TB8480000
73972-74-4	See: TB8960000
73972-75-5	See: TB8962500
73972-76-6	See: TB9285000
73972-77-7	See: TB9325000
73972-78-8	See: TB9600000
73972-79-9	See: TB9800000
73972-80-2	See: TC8650000
73972-81-3	See: TC9230000
73972-82-4	See: TE6488500
73972-83-5	See: TE6575000
73972-84-6	See: TF6872500
73972-85-7	See: TG5800000
73972-86-8	See: TH8849200
73972-87-9	See: TH8849300
73972-88-0	See: TH8849400
73972-89-1	See: TH8900000
73972-90-4	See: TH8910000
73972-91-5	See: TH9202000
73972-92-6	See: TH9202500
73972-93-7	See: TH9203000
73972-94-8	See: TH9204000
73972-95-9	See: TH9204400
73972-96-0	See: TH9204500
73972-97-1	See: TH9204600
73972-98-2	See: TI2800000
73972-99-3	See: TI3000000
73973-00-9	See: TI3765000
73973-01-0	See: TI3780000
*73973-02-1	See: TE0245000
73986-42-2	See: UA7290000
73986-43-3	See: UP0790200
73986-44-4	See: UP0792000
73986-45-5	See: UA0730000
73986-51-3	See: SL0540000
73986-52-4	See: SL0530000
73986-53-5	See: SL1930000
73986-54-6	See: SL1941500
73986-55-7	See: SL3800000
73986-56-8	See: SL5670000
73986-57-9	See: SM1090000
73986-58-0	See: SM1350000
73986-59-1	See: SM1375000
73986-60-4	See: SM5084000
73986-61-5	See: SN5460000
73986-62-6	See: SN7535000
73986-63-7	See: SN7540000
73986-64-8	See: SN7590000
73986-65-9	See: SN8375000
73986-66-0	See: SO3525000
73986-67-1	See: SP4150000
73986-68-2	See: SS8227000
73986-69-3	See: SS8228000
73986-70-6	See: SS8229000
73986-71-7	See: SS8230000
73986-73-9	See: SS8240000
73986-74-0	See: SS8250000
73986-76-2	See: SS8260000
73986-78-4	See: SS8270000
73986-79-5	See: SS8280000
73986-80-8	See: SY9900000
73986-81-9	See: SY9950000
73986-82-0	See: SZ0176000
73986-83-1	See: SZ0176250
73986-84-2	See: SL0667000
73986-85-3	See: SY9200000
73986-86-4	See: JR6500000
73986-87-5	See: KB2600000
73986-88-6	See: KC9800000
73986-89-7	See: KC9900000
*73986-90-0	See: KE1600000
73986-91-1	See: KE1610000
73986-92-2	See: KE7240000
73986-93-3	See: KH5820000
73986-94-4	See: KH6275000
*73986-95-5	See: KI2275G00
73986-96-6	See: KJ2515000
73986-97-7	See: KJ4317000
73986-98-8	See: KJ4346000
73986-99-9	See: IH2050500
*73987-00-5	See: IH2650000
73987-01-6	See: IH2850000
73987-03-8	See: IQ0200000
73987-04-9	See: JG8012000
73987-05-0	See: JG8014000
73987-06-1	See: JG8015000
73987-07-2	See: JG8240000
73987-08-3	See: JH1930000
73987-09-4	See: JH7190000
73987-10-7	See: JH7490000
73987-11-8	See: JH7500000
*73987-12-9	See: JH8200000
73987-13-0	See: JH9300000
73987-14-1	See: JI3450000
73987-15-2	See: JJ1576000
*73987-16-3	See: JM1650000
73987-17-4	See: JN8620000
73987-19-6	See: JO5000000
73987-20-9	See: JO5030000
73987-21-0	See: JO5591000
73987-22-1	See: JO5592500
73987-23-2	See: JO5595000
73987-24-3	See: JQ6970000
73987-25-4	See: VA3117150
73987-26-5	See: VA3117200
*73987-27-6	See: VA3117300
73987-28-7	See: VA3132500
73987-29-8	See: VA3137200
73987-30-1	See: VA3137350
73987-31-2	See: VA3137458
73987-32-3	See: VA3835000
73987-33-4	See: VA4260000
73987-34-5	See: VA9630000
73987-35-6	See: VA9632000
73987-36-7	See: VB1125000
73987-37-8	See: VB1980000
73987-38-9	See: VB2050000
73987-39-0	See: VB2150000
73987-41-4	See: VB4600000
73987-42-5	See: VC0320000
*73987-43-6	See: VC2507000
73987-44-7	See: VC3155000
73987-45-8	See: VC3678000
73987-47-0	See: VC3678500
73987-49-2	See: VC3679000
73987-50-5	See: VC3780000
*73987-51-6	See: JH2287500
73987-52-7	See: IH6342000
73987-53-8	See: IH6348000
74006-25-0	See: XJ0205000
74006-35-2	See: TP2482000
74007-79-7	See: KH5650000
*74007-80-0	See: JH8738000
74007-81-1	See: XJ0760000
74007-82-2	See: XJ0776000
74007-83-3	See: XJ0776500

BEST COPY AVAILABLE

CAS No.	RTECS No.
74007-84-4	See: XJ1256000
74007-85-5	See: XJ1257000
74007-86-6	See: XJ4670000
74007-87-7	See: XJ5090000
74007-88-8	See: XJ5124000
74007-89-9	See: XJ5124200
74007-90-2	See: XJ5131590
74007-92-4	See: XJ5131650
74007-93-5	See: XJ5131780
74007-94-6	See: XJ5131810
74007-95-7	See: XJ5131840
74007-96-8	See: XJ5131870
74007-97-9	See: XJ5425550
74007-98-0	See: XJ5425560
74007-99-1	See: XJ5425570
74008-00-7	See: XJ5530500
74008-01-8	See: XJ5810000
74008-02-9	See: XJ5812000
74008-03-0	See: XJ5813000
74008-04-1	See: XJ5814000
74008-05-2	See: XJ5815000
74008-06-3	See: XJ5910000
74008-07-4	See: XJ6130000
74008-08-5	See: XJ6180000
74008-09-6	See: XJ6190000
74008-10-9	See: XJ6210000
74008-11-0	See: XJ6260000
*74008-12-1	See: XJ7012500
*74008-13-2	See: XJ7025000
74008-14-3	See: XJ7070000
74019-41-3	See: KH5590000
74019-43-5	See: XJ5811000
*74019-44-6	See: XJ6053000
74019-45-7	See: XJ0730000
74033-45-7	See: WG9635000
74033-46-8	See: WG9645000
74033-47-9	See: WG9660000
74035-82-8	See: IH2900000
74037-15-3	See: VI8580000
74037-16-4	See: VN5520000
74037-17-5	See: VO2675000
*74037-18-6	See: VS8460000
74037-19-7	See: VT3152000
74037-20-0	See: VT3220000
74037-21-1	See: VT3252000
74037-22-2	See: VT3275400
74037-23-3	See: VT3276000
74037-24-4	See: VT3276400
74037-25-5	See: VT3276800
74037-26-6	See: VT3277000
74037-27-7	See: VT3277200
74037-28-8	See: VT3277800
74037-29-9	See: UQ9310000
74037-30-2	See: UQ9650000
74037-31-3	See: UQ9845000
74037-32-4	See: UR0710000
74037-35-7	See: UR6115000
74037-36-8	See: UR6518000
74037-37-9	See: UR8970000
74037-38-0	See: US3855000
74037-39-1	See: US3858000
74037-40-4	See: US3862000
74037-41-5	See: US4205000
74037-42-6	See: US6315000
74037-43-7	See: US7200000
74037-44-8	See: US7655000
74037-45-9	See: US7961500
74037-46-0	See: US7967000
74037-47-1	See: US9290000
*74037-48-2	See: UT2814000
74037-49-3	See: UT2966000
74037-50-6	See: UT3001500
74037-51-7	See: UT3985000
74037-52-8	See: UT4398000
74037-53-9	See: UT4850000
74037-54-0	See: UT4950000
74037-55-1	See: UT5038000
74037-56-2	See: UT5100000
74037-57-3	See: PB8715000
74037-58-4	See: PC1370000
74037-59-5	See: PC1383000
74037-60-8	See: PC1850000
74037-61-9	See: PC1900000
74037-62-0	See: PC1915000
74037-63-1	See: PC3400000
74037-64-2	See: PC4150000
74037-65-3	See: QD2845000
74037-66-4	See: QD9950000
74037-67-5	See: QE0375000
74037-68-6	See: QE0470000
74037-69-7	See: QE0478000
74037-70-0	See: QE2900000
74037-71-1	See: QE2990000
74037-72-2	See: QE3400000
74037-73-3	See: QE4045500
74037-74-4	See: QE6000000
74037-75-5	See: QE6900000
74037-76-6	See: QE8600000
74037-77-7	See: QF0400000
74037-78-8	See: QF1825000
74037-79-9	See: QF2300000
74037-80-2	See: TL7770000
74037-81-3	See: TL9275500
74037-82-4	See: TL9276000
74037-83-5	See: TL9315000
74037-84-6	See: TL9325000
74037-85-7	See: TL9335000
74037-86-8	See: TL9348000
74037-87-9	See: TL9420800
74037-88-0	See: TL9425500
74037-90-4	See: TM0818000
74037-92-6	See: TM0862500
74037-94-8	See: TM1775000
74037-95-9	See: TM1776000
74037-97-1	See: TM1782500
74037-99-3	See: TM1885500
74038-00-9	See: TM2620000
74038-02-1	See: TM2643250
74038-03-2	See: TM2663500
74038-05-4	See: TM3010000
74038-11-2	See: TM3350000
74038-12-3	See: TM3360000
74038-13-4	See: TM3391000
74038-16-7	See: TM2786200
74038-17-8	See: SZ0177250
74038-18-9	See: SZ0178500
74038-19-0	See: SZ0510000
74038-20-3	See: SZ1200000
74038-21-4	See: SZ2050000
74038-22-5	See: SZ2660000
74038-23-6	See: SZ2990000
74038-24-7	See: SZ3010000
74038-25-8	See: SZ3100000
74038-26-9	See: SZ3250000
74038-27-0	See: SZ4595500
74038-28-1	See: SZ4625000
74038-29-2	See: SZ4650000
74038-30-5	See: SZ5500000
74038-31-6	See: SZ5872500
74038-32-7	See: SZ5994500
74038-33-8	See: SZ5994700
74038-34-9	See: SZ6581000
74038-35-0	See: SZ6800000
74038-36-1	See: SZ7055000
74038-37-2	See: SZ7140000
74038-38-3	See: SZ7400000
74038-39-4	See: SZ7567000
74038-40-7	See: SZ7575000
74038-41-8	See: SZ7935000
74038-42-9	See: SZ8535000
74038-43-0	See: SZ8558000
74038-44-1	See: SZ8561600
*74038-45-2	See: SZ8562500
74038-46-3	See: SZ8563500
74038-47-4	See: SZ8565000
74038-48-5	See: SZ8568000
74038-49-6	See: SZ8800000
74038-50-9	See: SZ8820000
74038-51-0	See: MO1194000
74038-52-1	See: MO1210000
74038-53-2	See: MO4240000
74038-54-3	See: MO7730000
74038-55-4	See: MO8405000
74038-56-5	See: MP8175000
74038-57-6	See: MP8200000
74038-58-7	See: MP8450000
74038-60-1	See: MQ4855000
74038-61-2	See: MU0720000
74038-62-3	See: MU0668000
74038-63-4	See: MU0668500
74038-64-5	See: MU0669000
74038-65-6	See: MU0685000
74038-66-7	See: MU0825000
74038-67-8	See: MU0835000
74038-68-9	See: MU0845000
74038-69-0	See: MU0975000
74038-70-3	See: MU0981000
74038-71-4	See: MU7353000
74038-72-5	See: MU7882500
74038-73-6	See: MU7885000
74038-74-7	See: MV0680000
74038-75-8	See: MV4275000
74038-76-9	See: MV4285000
74038-77-0	See: NJ2355000
74038-78-1	See: NJ2720000
74038-79-2	See: NJ2730000
74038-80-5	See: NJ2750000
74038-81-6	See: NJ2790000
74038-82-7	See: NJ2990000
74038-83-8	See: NJ2993000
74038-84-9	See: NJ2997000
74038-85-0	See: NJ4000000
74038-86-1	See: NJ4390000
*74038-87-2	See: NJ5097300
*74038-88-3	See: NJ5097350
74038-89-4	See: NJ5980000
74038-91-8	See: NK6920000
74038-92-9	See: NK6955000
74038-93-0	See: NK7533000
74038-94-1	See: NL3526000
74038-95-2	See: NL4250000
74038-96-3	See: NL5993000
74038-97-4	See: NL5995300
74038-98-5	See: NL6015000
74038-99-6	See: NL7260000
74039-00-2	See: NL7300000
74039-01-3	See: QM0705000
74039-02-4	See: QM0705500
74039-03-5	See: QM5250000
74039-04-6	See: QS4475000
74039-05-7	See: QS4485000
74039-06-8	See: QT1725000
74039-07-9	See: RA5900000
74039-08-0	See: RA6000000
74039-09-1	See: RB6550000
74039-10-4	See: RB6958000
74039-11-5	See: RB6962500
74039-12-6	See: RB7510000
74039-13-7	See: RB8210000
74039-14-8	See: RB8240000
74039-15-9	See: RB8340000
74039-16-0	See: RB8880000
74039-17-1	See: RB9700000
74039-18-2	See: UV7731000
74039-19-3	See: UV7780000
74039-20-6	See: UV7945000
74039-21-7	See: UV8125000
74039-22-8	See: UV8255000
74039-23-9	See: UV9715000
74039-24-0	See: UV9723000
74039-25-1	See: UW5835000
74039-26-2	See: UW7800000
74039-27-3	See: UW7835000
74039-28-4	See: UW7850000
74039-29-5	See: UX9360000
74039-30-8	See: UX9400000
74039-31-9	See: UX9641500
74039-32-0	See: UX9785000
74039-33-1	See: UY0375000
74039-34-2	See: UY0500000
74039-35-3	See: UY0701000
74039-36-4	See: UY0702200
74039-37-5	See: UY0703100
74039-38-6	See: UY0703550
74039-39-7	See: UY0704000
74039-40-0	See: UY0704050
74039-41-1	See: UY0705300
74039-42-2	See: UY0706200
74039-43-3	See: UY0707000
74039-44-4	See: UY0707900
74039-45-5	See: UY0704800
74039-46-6	See: WS3535000
74039-47-7	See: WT2850000
74039-48-8	See: WT2870000
74039-49-9	See: WT2880000
74039-50-2	See: WT2980000
74039-51-3	See: WT2985000
74039-52-4	See: WT3000000
74039-53-5	See: XA5282000
74039-54-6	See: XA5284000
74039-55-7	See: XF0630000
74039-56-8	See: XH2372000
74039-57-9	See: XH2472000
74039-58-0	See: XH2500000
74039-59-1	See: XH3853000
74039-60-4	See: XH3859000
74039-61-5	See: XH3859500
74039-62-6	See: XH3859600
74039-63-7	See: XH3955000
74039-64-8	See: XH4600000
74039-65-9	See: XH5030000
74039-66-0	See: XH5055000
74039-67-1	See: XH5093200
74039-68-2	See: XH5093320
74039-69-3	See: XH5093340
74039-70-6	See: XH5093450
74039-71-7	See: XH5093650
74039-72-8	See: XH5093700
74039-73-9	See: XH6130000
74039-74-0	See: RB7746000

CAS No.	RTECS No.
74039-75-1	See: WT3025000
74039-76-2	See: TL9417500
74039-77-3	See: SZ5960000
74039-78-4	See: SZ3690000
74039-79-5	See: SZ3715000
74039-80-8	See: SZ3770000
74039-81-9	See: SZ3825000
74039-82-0	See: SZ1800000
74039-83-1	See: SZ1850000
74050-92-3	See: US7961800
74050-93-4	See: UT4750000
74050-94-5	See: UT5036000
74050-95-6	See: US5630000
74050-96-7	See: UT4755000
74050-99-0	See: SC0490000
74051-00-6	See: SF7184000
74051-01-7	See: SF7926500
74051-02-8	See: SG9265000
74051-03-9	See: SH0672500
74051-04-0	See: SH1062500
74051-05-1	See: SH1475000
74051-06-2	See: SH2100500
74051-07-3	See: SH2101000
74051-08-4	See: SH2102000
74051-09-5	See: SH2104000
74051-10-8	See: SH2278000
74051-11-9	See: SH2284000
74051-12-0	See: SH4938300
74051-13-1	See: SH5500000
74051-14-2	See: SH5510000
74051-15-3	See: SH6010000
74051-16-4	See: SH6493000
74051-17-5	See: SH6494000
74051-18-6	See: SH6510000
74051-19-7	See: SH6819000
74051-20-0	See: SH6915000
74051-21-1	See: SH6990000
74051-22-2	See: SH7010000
74051-23-3	See: SH7760000
74051-24-4	See: SH7805000
74051-25-5	See: YM3530000
74051-27-7	See: YM3680000
74051-28-8	See: YM3682000
74051-29-9	See: YM3685000
74051-30-2	See: YM3688000
74051-31-3	See: YM3705000
74051-32-4	See: YM3708000
74051-33-5	See: YM3755000
74051-34-6	See: YM3760000
74051-35-7	See: YM3765000
74051-36-8	See: YM3768000
74051-37-9	See: YM3790000
74051-38-0	See: YM3900000
74051-39-1	See: YM4150000
74051-40-4	See: YM4375200
74051-41-5	See: YM4375300
74051-42-6	See: YM4378000
74051-43-7	See: YM4385000
74051-44-8	See: YM5620000
74051-45-9	See: YM6200000
74051-46-0	See: YN7400000
74051-47-1	See: YP2550000
74051-48-2	See: YQ8760000
74051-49-3	See: YQ9455000
74051-50-6	See: YR7886000
74051-51-7	See: YR7905000
74051-52-8	See: YR7923000
74051-53-9	See: YR7945000
74051-54-0	See: YR8152000
74051-55-1	See: YR8154000
74051-56-2	See: YR8155000
74051-57-3	See: YR8156000
74051-58-4	See: YR8162000
74051-59-5	See: YR8164000
74051-60-8	See: YR8927000
74051-61-9	See: YR8928000
74051-62-0	See: YR8929000
74051-63-1	See: YR8930000
74051-64-2	See: PC1380000
74051-66-4	See: QD1580000
74051-68-6	See: QD1582000
74051-70-0	See: QD1733000
74051-71-1	See: TM3398000
74051-72-2	See: MU0855000
74051-73-3	See: NK7717500
74051-74-4	See: RA7000690
74051-75-5	See: UW0350000
74051-76-6	See: UW5620000
74051-77-7	See: UW7840000
74051-78-8	See: XH5099600
*74051-80-2	See: GW7191000
74063-35-7	See: SH6802500
74063-36-8	See: YM3720000
74063-37-9	See: YR8151000
74063-39-1	See: QD1733500
74080-86-7	See: RC6190500
74080-87-8	See: RD1300000
*74099-05-1	See: NW6667000
*74107-58-7	See: YV9397400
74111-26-5	See: PB9188000
74111-27-6	See: RB7550000
74111-34-5	See: YM4410000
74111-35-6	See: QD1609200
74111-36-7	See: QD1609400
74111-37-8	See: RB8345000
74111-87-8	See: YM4420000
*74137-67-0	See: KE7648000
*74188-25-3	See: NM7317000
74191-38-1	See: AX5235180
74191-39-2	See: AX5235175
74191-40-5	See: AX5235170
74191-41-6	See: AX5235165
74191-42-7	See: AX5235155
74191-43-8	See: AX5235150
74191-44-9	See: AX5235105
74191-45-0	See: AX5235095
74191-46-1	See: AX5235090
74191-47-2	See: AX5235085
74191-48-3	See: AX5235075
74191-50-7	See: AX5235035
74191-51-8	See: AX5232030
74191-52-9	See: AX5232000
74191-53-0	See: AX5231588
74191-54-1	See: AX5229030
74191-55-2	See: AX5228250
74191-56-3	See: AX5228100
74191-59-6	See: AX5228000
74191-60-9	See: AX5226450
74191-61-0	See: AX5226300
74191-62-1	See: AX5225800
74191-63-2	See: AX5225070
*74191-77-8	See: RF4360000
74195-61-2	See: UU4525000
74195-62-3	See: UU4500000
74195-63-4	See: UU4440000
74195-64-5	See: SN8935000
74195-66-7	See: NP2400000
74195-67-8	See: RO0300000
74195-68-9	See: NP2350000
74195-69-0	See: NL3676000
74195-70-3	See: RO0260000
74195-71-4	See: MW0215000
74195-72-5	See: NW7940000
*74195-73-6	See: NI3200000
74195-75-8	See: GY5890000
74195-76-9	See: GY5880000
74195-77-0	See: RB2100000
74195-86-1	See: UU6835000
74195-87-2	See: UY5694000
74195-89-4	See: RN7035000
74195-90-7	See: UY5692000
74195-91-8	See: US8712500
74195-92-9	See: UU2503000
*74196-92-2	See: UR0808000
74203-42-2	See: UU4300000
74203-43-3	See: UU4580000
74203-44-4	See: SI1180000
*74203-45-5	See: QR7080000
74203-47-7	See: UU2504900
74203-53-5	See: BP8054000
74203-56-8	See: DG1512000
74203-57-9	See: CL5615000
74203-58-0	See: UY5922500
74203-59-1	See: UY5882500
74203-60-4	See: DF6823000
*74203-61-5	See: CY3200000
74203-62-6	See: GD7392500
74203-63-7	See: GD7387500
74203-65-9	See: UO9090000
74203-66-0	See: UO8470000
74203-67-1	See: UR6080000
74203-68-2	See: EU2380000
74203-69-3	See: EU2420000
74203-70-6	See: EU1500000
74208-83-6	See: WN2460000
74214-65-6	See: TM6484200
74220-03-4	See: CA9650000
*74220-04-5	See: UB7450000
74231-46-2	See: WW4550000
74242-56-1	See: RN7010000
*74274-66-1	See: QN2795000
*74274-72-9	See: QN2820000
74315-64-3	See: AX5264050
74332-76-6	See: UY0895000
74332-77-7	See: UY1238000
74332-78-8	See: UY1243000
74332-79-9	See: UY1329050
*74332-80-2	See: UY1329400
74332-81-3	See: UY1415000
74332-82-4	See: UY1421000
74332-83-5	See: UY1455080
74332-84-6	See: UY1460000
74332-85-7	See: UY1630000
74332-86-8	See: UY1780500
74332-87-9	See: UY1782000
74332-88-0	See: UY2610500
74332-90-4	See: UY4557000
*74332-91-5	See: UY7353000
74332-92-6	See: UY8535000
74332-94-8	See: UY9510000
74332-95-9	See: UZ1200000
74332-96-0	See: UZ1300000
74332-97-1	See: UZ1350000
74332-98-2	See: VA1352500
74332-99-3	See: VA1360000
74333-00-9	See: VA2480000
74333-02-1	See: UY0730000
*74356-00-6	See: XI0330600
*74417-00-8	See: XY7366700
*74417-02-0	See: XZ0358900
*74417-03-1	See: XY7342000
*74417-04-2	See: XY7366500
*74417-05-3	See: XY9240000
*74417-06-4	See: XY3320000
*74417-07-5	See: XY5820000
*74417-08-6	See: XY5840000
*74417-09-7	See: XY5775600
*74417-10-0	See: XY5778500
*74417-11-1	See: XY5787000
*74417-12-2	See: XY3318000
*74417-13-3	See: XY3339000
*74417-14-4	See: XY3337000
*74417-15-5	See: XY5775500
*74417-16-6	See: XY7340000
*74417-17-7	See: XY7450000
*74469-00-4	See: RN6802800
*74512-62-2	See: AI5010000
*74515-40-5	See: AC4010000
*74527-41-6	See: GB8170500
*74536-61-1	See: SL0560750
*74538-26-4	See: QI9291500
*74550-86-0	See: NI5432500
*74550-87-1	See: NI4700000
*74550-88-2	See: UD3460000
*74550-89-3	See: NI3360000
*74550-91-7	See: KH2334500
*74550-92-8	See: NI5585000
74550-97-3	See: TL6380300
74578-38-4	See: UV9103500
74622-80-3	See: CB9376530
*74626-43-0	See: CE0905000
*74626-44-1	See: CV5858000
*74626-45-2	See: AC8760000
*74642-56-1	See: CE0270000
*74717-64-9	See: CI7671030
74749-74-9	See: LY9535000
*74847-35-1	See: SK4920000
*74890-30-5	See: CY1634500
74913-01-2	See: CB9754193
*74958-13-7	See: PB9083890
*75007-31-7	See: UX1700000
*75007-32-8	See: XJ4615000
*75007-33-9	See: XJ4618000
*75013-45-5	See: UX2080000
*75023-03-9	See: PB9080680
*75034-93-4	See: IH7685400
75045-72-6	See: GW4950000
*75190-55-5	See: CY0886500
75216-20-5	See: LP3180000
75217-55-9	See: CB9930000
*75225-51-3	See: QJ7180000
*75230-89-6	See: NW6669500
*75230-92-1	See: NW6745800
*75314-72-6	See: VB4701900
*75318-62-6	See: XZ5478300
*75318-64-8	See: XZ5478450
*75318-65-9	See: XZ5478050
*75318-76-2	See: XZ4504000
*75318-77-3	See: DO9180000
*75318-83-1	See: XZ4929350
*75330-75-5	See: EK7907000
*75413-87-5	See: NX5825000
75418-11-0	See: CB6678000
75432-54-1	See: CB9376660
75442-91-0	See: BU2830000
*75496-33-2	See: OC5680300
*75580-37-9	See: CB9391300
*75607-67-9	See: UO7440900
*75639-72-4	See: UA2465200
*75682-23-4	See: TE4425000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CAS NUMBER - RTECS NUMBER INDEX, 1983-84

CAS No.	RTECS No.
*75682-24-5	See: TD9600000
*75682-25-6	See: TE4425500
*75682-26-7	See: TE4425100
*75682-27-8	See: TD9610000
*75682-28-9	See: TE4425600
75696-02-5	See: DE9640000
*75736-33-3	See: XZ4804000
*75738-58-8	See: XI0367700
*75775-70-1	See: CU8703200
*75775-83-6	See: PB0405000
*75775-86-9	See: DG0945000
*75775-87-0	See: PB0390300
*75775-88-1	See: PB0506650
*75776-02-2	See: SJ3710000
*75776-03-3	See: AR7307100
*75776-08-8	See: YS5014250
75798-02-6	See: XF8675000
*75808-41-2	See: AY6040000
*75808-45-6	See: OH3167500
*75808-47-8	See: PD0715000
*75808-48-9	See: CI9450500
*75808-54-7	See: MA1265000
75831-97-9	See: XF8650000
75846-14-9	See: GT8820000
75871-98-6	See: CZ2260000
75884-37-6	See: AC2976000
*75888-03-8	See: UW7587000
75917-42-9	See: DJ2850000
75977-59-2	See: AX5230004
75977-60-5	See: AX5230006
75977-61-6	See: AX5230008
*76015-10-6	See: UQ0970000
*76024-59-4	See: DI9874200
*76024-60-7	See: DI9874300
*76050-33-4	See: AX5229260
76050-34-5	See: AX5230009
76050-49-2	See: LP4362000
76057-97-1	See: KC9850000
*76069-32-4	See: EC5990450
*76082-54-7	See: CB9376624
*76095-62-0	See: EC5991010
*76129-12-9	See: AC8756000
*76129-13-0	See: GH0820000
*76129-15-2	See: AC8755000
*76129-16-3	See: AD0190000
76149-21-8	See: ET0400000
*76155-18-5	See: DF9484000
*76167-87-8	See: XF7472600
*76167-88-9	See: XF7470500
*76167-89-0	See: XF7470600
*76167-90-3	See: XF7480200
*76167-91-4	See: QK4253000
*76180-96-6	See: NJ5910000
*76210-68-9	See: UB2704000
*76210-72-5	See: UB9720000
*76210-73-6	See: UB1412000
*76210-77-0	See: YS9863500
*76210-78-1	See: YS9863200
*76210-80-5	See: YS7585000
*76210-96-3	See: UA7250250
*76210-97-4	See: UB8608000
*76217-33-9	See: CU7033000
*76286-84-5	See: NJ5096600
*76299-95-1	See: AL0450000
*76302-29-9	See: MU6642500
76319-15-8	See: GY5830000
*76326-94-8	See: XJ7054250
*76326-95-9	See: NX5125500
*76326-96-0	See: NX5136000
*76410-17-8	See: NL5998950
*76410-18-9	See: NL6012800
*76410-19-0	See: NL5998880
*76410-20-3	See: NL5998810
*76410-21-4	See: NL6002500
*76410-22-5	See: NL6003700
*76410-23-6	See: QL0823600
*76410-24-7	See: QL0823400
*76410-25-8	See: NM3354000
*76410-26-9	See: NM3352000
*76410-31-6	See: NL7988000
*76410-32-7	See: NL9803000
*76410-33-8	See: UA9808000
*76410-34-9	See: UA7280000
*76410-35-0	See: NL5998700
*76410-37-2	See: UB2900000
*76410-38-3	See: UA9801700
*76410-39-4	See: UB7893000
*76410-41-8	See: UB7883000
*76410-43-0	See: DF6495500
*76415-83-3	See: AX5231630
*76423-55-7	See: UA9801900
*76458-47-4	See: DE9735000
76485-09-1	See: EK1060000
*76486-07-2	See: ST2630000
*76486-08-3	See: ST3560000
*76486-09-4	See: SS8700000
76487-48-4	See: VC0310000
*76487-49-5	See: MF3100000
76541-72-5	See: TB8817000
76567-28-7	See: DD6520700
*76648-01-6	See: XI0373500
*76666-19-8	See: YJ9036000
*76704-78-4	See: FH4920611
76748-85-2	See: ZE6760000
76757-85-2	See: MB9266000
*76790-15-3	See: QJ1897200
*76824-35-6	See: UA2300000
*76930-44-4	See: TS5640000
*77162-70-0	See: KL9371000
*77174-66-4	See: NI4376800
*77251-46-8	See: AX5230620
*77251-47-9	See: AX5230600
*77251-48-0	See: AX5230460
*77251-49-1	See: AX5230400
*77251-50-4	See: AX5230450
77280-40-1	See: NX5053000
77280-41-2	See: NX5022000
77280-68-3	See: XJ2990000
77280-89-8	See: TY7450000
*77280-91-2	See: TX8040000
*77280-93-4	See: KL9371050
*77287-90-2	See: QD0763000
*77288-29-0	See: UY5769000
*77291-63-5	See: NM2429130
*77298-64-7	See: LK8650100
*77303-18-5	See: NJ5749000
*77303-19-6	See: NJ5731000
*77327-05-0	See: YP2834100
*77368-63-9	See: EC5990960
*77368-64-0	See: EC5990930
*77368-65-1	See: EC5990910
*77368-67-3	See: EC5990950
*77368-68-4	See: EC5990400
*77368-69-5	See: EC5990900
*77368-70-8	See: EC5991120
*77368-71-9	See: EC5990940
*77368-72-0	See: EC5990920
*77368-73-1	See: EC5990970
*77368-74-2	See: EC5990990
*77368-75-3	See: EC5991110
*77368-77-5	See: EC5991130
*77368-78-6	See: EC5991100
*77368-79-7	See: EC5990980
*77368-81-1	See: EC5991140
*77428-17-2	See: CM3598010
*77428-18-3	See: CM3598000
77439-76-0	See: LU3482000
*77446-39-0	See: JI4285000
*77446-40-3	See: CU8150000
*77446-41-4	See: DA4981800
*77456-14-5	See: YT2150000
*77494-10-1	See: UR0807000
77503-17-4	See: LQ2983000
*77529-41-0	See: UX9520000
*77529-42-1	See: UX9550000
*77529-44-3	See: UX9530000
*77636-92-1	See: NI4396300
*77674-99-8	See: MP5150000
*77824-42-1	See: XF0877000
*77824-43-2	See: VC2820000
*77824-44-3	See: XF0876000
*78033-98-4	See: NL5994480
*78050-77-8	See: UW8800000
*78050-79-0	See: GY5098000
*78050-80-3	See: VB2065000
*78080-70-3	See: VB2070000
78100-57-9	See: DH3121000
78101-34-5	See: JW4793000
*78110-38-0	See: UA2451400
*78131-57-4	See: XZ5472000
*78131-59-6	See: XZ5472100
78144-37-3	See: UT2810533
*78173-90-7	See: QI9290600
*78173-91-8	See: QI9278500
*78173-92-9	See: QI9290700
*78193-30-3	See: QI9278000
*78214-41-2	See: OI2237000
*78289-26-6	See: TK6020200
*78311-66-7	See: DB3056000
*78311-67-8	See: DB2738000
*78311-68-9	See: DB2737000
*78311-69-0	See: DB1575000
*78311-70-3	See: DB2170000
*78311-71-4	See: AC8771000
*78311-72-5	See: DB2948000
*78311-73-6	See: DB2736000
*78311-74-7	See: DB2735000
*78311-76-9	See: DB2160000
*78311-77-0	See: AC6343500
*78311-79-2	See: DB2371000
*78311-80-5	See: DB2370000
*78311-82-7	See: DB2150000
*78311-83-8	See: AB8131600
*78311-94-1	See: NJ5065200
*78368-54-4	See: YC9990000
*78499-27-1	See: HQ4083000
78600-25-6	See: AR5910000
*78619-09-7	See: RN7179000
*78619-10-0	See: RN7178000
*78643-18-2	See: ZE1495100
*78683-34-8	See: HS9352000
*78683-35-9	See: WO5966800
*78697-56-0	See: XF0791000
*78703-80-7	See: VB2610000
*78703-85-2	See: VA9633500
*78703-86-3	See: VA9629500
*78703-87-4	See: VA9633000
*78743-16-5	See: UX9570000
*78755-81-4	See: NI2922170
*78769-65-0	See: YV9960000
*78776-41-7	See: CW4637000
*78776-42-8	See: CW4637500
*78798-08-0	See: OB8650500
*78806-23-2	See: VB2356500
*78809-80-0	See: AX5231581
*78809-82-2	See: AX5235195
*78822-08-9	See: NM7521880
*78850-51-8	See: YS4907000
*78850-54-1	See: YS4907100
*78850-57-4	See: YS4907300
*78898-93-8	See: VA4172500
*78915-25-0	See: NX6037200
*78915-33-0	See: NX6037240
*78960-19-7	See: VA2180000
*78960-21-1	See: VA2183000
*78960-23-3	See: VA2181000
*78960-25-5	See: VA2184000
*78960-27-7	See: VA2175000
*78960-31-3	See: VA2176000
*78960-33-5	See: VA2171000
*78960-35-7	See: VA2170000
*78960-37-9	See: VA2178000
*78961-20-3	See: AF9107000
*78961-21-4	See: AG5830000
79030-24-3	See: RT3875000
*79133-02-1	See: KH5483000
*79143-73-0	See: BP6845000
*79143-74-1	See: BO9086000
*79183-44-1	See: NL7874700
*79199-51-2	See: UX1520000
*79201-85-7	See: SL2261000
*79278-78-7	See: UE4529100
*79303-42-7	See: AX4986000
*79303-43-8	See: AX4993000
*79303-44-9	See: AX5220300
*79303-46-1	See: AX5231000
*79303-49-4	See: AX5231210
*79303-50-7	See: AX5231230
*79303-51-8	See: AX5236000
*79303-52-9	See: AX5236200
*79303-53-0	See: AX5236500
*79303-54-1	See: AX5236700
*79303-55-2	See: AX5237500
*79303-56-3	See: AX5237550
*79303-57-4	See: AX5237575
*79303-58-5	See: AX5237900
*79303-59-6	See: AX5239005
*79303-60-9	See: AX5239010
*79303-61-0	See: AX5239205
*79303-62-1	See: AX5239220
*79303-63-2	See: AX5239225
79307-93-0	See: TH9203810
*79469-19-5	See: XO8210000
*79485-03-3	See: UP1840000
79802-69-0	See: DF6492190
*79818-56-7	See: JG7894000
79920-24-4	See: AX5231201
79920-25-5	See: AX5231202
*79920-28-8	See: AX5233205
*79920-43-7	See: GN1520000
*79920-45-9	See: GN1520010
*79920-46-0	See: GN1520015
*79920-47-1	See: GN1520020
*79920-48-2	See: GN1520025
*79920-49-3	See: GN1520030
*79920-50-6	See: GN1520035
*80029-28-3	See: UK8011000
*80039-73-2	See: UY9465000
*80066-02-0	See: DJ2260400
*80146-99-2	See: AX5233200

CAS No.	RTECS No.
*80147-00-8	See: AX5233210
*80147-01-9	See: AX5233245
*80147-02-0	See: AX5233265
*80147-03-1	See: AX5233280
*80147-04-2	See: AX5233295
*80150-01-2	See: CW4636200
*80150-02-3	See: CW4638500
*80150-03-4	See: CW4638000
*80152-22-3	See: OK6377200
80286-26-6	See: NR3890000
*80348-51-2	See: TK9780000
*80416-87-1	See: VS2750000
*80531-03-9	See: BQ2680000
*80589-36-2	See: KS0320000
*80604-83-7	See: TH9208000
*80653-76-5	See: UX9626500
*80701-11-7	See: CB9459540
80733-96-6	See: CW9200000
*80952-17-6	See: NM2429160
*80952-18-7	See: NM2429190
*81228-87-7	See: FG3650000
*81296-95-9	See: GP4990000
*81316-84-9	See: GM5450000
*81316-87-2	See: DI6290000
*81466-80-0	See: FD4697000
*81485-10-9	See: VD1576000
*81651-72-1	See: AB1068500
*81860-13-1	See: AB1024200
*81876-66-6	See: GF9270000
*81947-79-7	See: RG7958000
*82038-92-4	See: MF0028500
*82049-08-9	See: LW5300000
*82079-63-8	See: LW5260000
*82114-89-4	See: AT7820000
*82116-33-4	See: CV2302500
*82136-27-4	See: XY2425000
*82410-32-0	See: MF8407000
*82446-04-6	See: EI6203000
*82446-05-7	See: EI6204000
*82446-06-8	See: EI6205000
*82446-07-9	See: EI6206000
*82464-70-8	See: CV4903000
*82532-83-0	See: RP8500000
*82636-28-0	See: AB9534020
82660-96-6	See: WX0385000
*82894-36-8	See: BW8523000
*82911-12-4	See: LL4390400
*83292-25-5	See: DI6201000
*83292-26-6	See: DI6202000
*83310-76-3	See: AB7631700
*83329-15-1	See: HR8401540
*83335-32-4	See: HR8401520
*83381-72-0	See: CB9360030
*83440-64-6	See: TX1537000
*83528-38-5	See: MU6616000
*83589-73-5	See: OI4330000
*83634-04-2	See: NI3042000
*83690-97-5	See: AB4334000
*83712-56-5	See: GA8519200
*83807-06-1	See: HQ2636000
*83807-07-2	See: HQ4140000
*83876-50-0	See: CU3660000
*83876-56-6	See: CU3858000
*83876-62-4	See: CU4351000
*83947-99-3	See: TX8038000
*83948-00-9	See: UB1765800
*83948-01-0	See: TZ0576000
*83948-02-1	See: TX7001000
*83948-03-2	See: KL8120000
*83948-06-5	See: TX8037000
*83948-11-2	See: TX7850000
*83948-13-4	See: KK7183000
*83948-16-7	See: KH8601000
*83948-20-3	See: UU8878000
*83948-21-4	See: UU8886000
*83948-22-5	See: UU8892000
*83948-23-6	See: UU8887000
*84132-03-6	See: NM2429220
*84132-04-7	See: NM2429100
*84174-12-9	See: AU1597000
*84174-20-9	See: DP5605100
*84174-21-0	See: DP5272000
*84174-22-1	See: DP4031400
*84174-23-2	See: DI4850000
*84174-24-3	See: DP6295000
*84209-33-6	See: QN2810000
*84295-06-7	See: TG4630000
*84295-07-8	See: TG4620000
*84295-08-9	See: TG4610000
*84295-09-0	See: CV2357000
*84308-82-7	See: AD0887000
*84308-83-8	See: AD0540000
*84308-84-9	See: AD0836000
*84308-85-0	See: AD0835000
*84308-86-1	See: AD0885000
*84308-89-4	See: AD0886000
*84308-97-4	See: GD7477500
*84308-99-6	See: AE2198000
*84333-22-2	See: TN9793000
*84369-93-7	See: QL7482000
*84394-07-0	See: KH2343000
*84394-08-1	See: KH2345000
*84394-09-2	See: UY0875300
*84394-15-0	See: UY0915000
*84394-22-9	See: SL1995500
*84394-35-4	See: SL0680000
*84394-36-5	See: DJ2880000
*84394-37-6	See: UY0875200
*84412-94-2	See: TN9792000
*84438-44-8	See: CY0550000
*84438-47-1	See: WY2643000
*84438-48-2	See: WY2626000
*84438-49-3	See: WY2629000
*84474-35-1	See: YD0090000
*84608-40-2	See: BW8565000
*84774-99-2	See: NI3056000
*84775-00-8	See: NI3044000
*84849-09-2	See: PB9197500
*84849-10-5	See: PB9201300
*84849-11-6	See: PB9200300
*84849-13-8	See: PB9198500
*84849-14-9	See: PB9199000
*84849-15-0	See: PB9197000
*84849-16-1	See: PB9200100
*84893-93-6	See: PB9200500
*84987-77-9	See: KN6210000
*85145-53-5	See: QI9293280
*85235-20-7	See: UK8355000
*85235-22-9	See: UK7893900
*85235-27-4	See: ET4300000
*85280-90-6	See: UK7894900
*85280-91-7	See: MJ9681040
*85303-83-9	See: XZ4911000
*85303-84-0	See: XZ4915300
*85303-87-3	See: XZ4915200
*85303-88-4	See: XZ4176000
*85303-89-5	See: XZ4175000
*85303-90-8	See: XZ5253000
*85303-91-9	See: XZ4929250
*85303-93-1	See: XZ4929300
*85303-94-2	See: XZ4506000
*85303-95-3	See: XZ4507000
*85303-96-4	See: XZ4505000
*85303-98-6	See: XZ4850000
*85303-99-7	See: XZ4911900
*85304-00-3	See: XZ4750000
*85345-35-3	See: MA1246300
*85345-35-3	See: MA1246100
*85514-00-7	See: AY7518000
*85622-95-3	See: NJ5927000
*85681-45-4	See: XZ4929050
*85681-46-5	See: XZ4929150
*85681-48-7	See: XZ4929400
*85681-49-8	See: XZ4120000
*85681-50-1	See: XZ3845000
*85720-47-4	See: VH0900000
*85720-49-6	See: SL0560780
*85720-57-6	See: GQ8150000
*85761-26-8	See: GY8423000
*85763-16-2	See: DV1760500
*85850-74-4	See: SL1160000
*85850-75-5	See: SL1163000
*85850-76-6	See: HQ4160000
*85850-77-7	See: HQ2634000
*85850-78-8	See: HP1586000
*85850-79-9	See: HQ3490000
*85850-80-2	See: SL1162000
*85850-81-3	See: SL1161000
*85850-82-4	See: HQ2530000
*85850-83-5	See: HP1585000
*85850-84-6	See: HQ3480000
*85850-85-7	See: SJ4582000
*85850-86-8	See: SJ4580000
*85850-87-9	See: SJ4583000
*85850-88-0	See: SJ4581000
*85850-89-1	See: TY6744400
*85850-90-4	See: TY6744000
*85850-91-5	See: TY6744600
*85850-92-6	See: TY6744200
*85850-93-7	See: TY6678000
*85850-94-8	See: TY6676000
*85850-95-9	See: TY6679000
*85864-54-6	See: TY6677000
*86335-26-4	See: AJ5077000
*86416-35-5	See: AT4720000
*86436-33-1	See: AC3662400
*86436-34-2	See: AC4011000
*86436-35-3	See: AB8460000
*86436-36-4	See: ES5065000
*86436-38-6	See: UE4300000
*86436-42-2	See: DF9300000
*86436-45-5	See: AC7670000
*86436-46-6	See: AC3663500
*86495-10-5	See: UE4540000
*86542-78-1	See: VA1352700
*86561-07-7	See: MP5170000
*86855-16-5	See: OK6376700
*86969-15-5	See: UR0801000
*87003-09-6	See: AX5231640
*87003-10-9	See: AX5231650
*87003-11-0	See: AX5231670
*87003-12-1	See: AX5231680
*87003-13-2	See: AX5231690
*87039-52-9	See: VA1393000
*87395-51-5	See: YM4425000
*87395-52-6	See: YM4500000
*87395-53-7	See: YM5981000
*87395-54-8	See: YM6060000
*87395-55-9	See: YM6035000
*87395-56-0	See: YM4402700
*87395-59-3	See: YM4470000
*87395-60-6	See: YM4010000
*87395-61-7	See: YV7190000
*87395-62-8	See: DI0879200
*87395-64-0	See: YM8625000
*87395-65-1	See: HO7960000
*87396-66-2	See: AH3052000
*87421-56-5	See: YM4215000
*87421-57-6	See: YM4404000
*87421-58-7	See: YM4202000
*87421-59-8	See: YM6065000
*87421-60-1	See: YM4402800
*87587-17-5	See: CM2626000
*87587-19-7	See: TL1485000
*88393-05-9	See: MA1246400
*88393-06-0	See: MA1246200

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

BLANK PAGE

Registry of Toxic Effects of Chemical Substances

BEST COPY AVAILABLE

BLANK PAGE

1080 see: AH9100000
gamma-6480 see: LU3500000
A 00 see: BD0330000
A 1 see: FE1225000

AA0080000 A2
DEF:A derivative of CYTOXAN (22XWAN -,367,70)
UPDT:8303

MUTATION DATA AND REFERENCES:
cyt-hamn-ieu 20 umol/L/24H 22XWAN -,367,70

3A see: WL6475000
A-7 see: CB9372800
11A see: NI7875000
A 14 see: AU6256000
A15 see: AK0950000
A 16 see: AB6365000
A-19 see: CV2353620
A-20 see: CV2351000
A 21 see: DO1750000
A-23 see: CV2353200
A-36 see: TA2100000
A 42 see: XN4550000
A65 see: VS2750000
A65 see: DW1012000
A 71 see: SB4725000
A 95 see: BD0330000
A 99 see: BD0330000
A-101 see: DF1750000
A 100 see: NI2200000
A-103 see: CV2353610
A-105 see: CV2353600
A-120 see: CV2350300
A-121 see: CV2350200
A 137 see: QL7355000
A-139 see: DK3325000
A 145 see: SO7000000
A15-0 see: AK0950000
A-152 see: CV2353920
A-156 see: CV2352500
A-157 see: CU8792000
A-157 see: CV2353900
A-162 see: CU8790000
A 301 see: RC8960080
A 301 see: DM3835000
A 302 see: DM3679000
A 309 see: DM3843200
A 310 see: DM3679100
A-310 see: WP0750000
A 319 see: DM3836000
A 343 see: BR0318000
A 348 see: RP9800000
A 350 see: DM3678900
A 350 see: DM3678700
A 361 see: XY5600000
A 363 see: FC0175000
A 3-80 see: WL6475000
A 446 see: QE3020000
A 468 see: FB9625000
A-500 see: AC8450000
A-502 see: WO9275000
593-A see: TL6375000
A-649 see: RK4385090
A 688 see: DP3500000
688A see: DP3750000
A 820 see: BW9400000
883A see: SZ7890000
A 884 see: SH5075000
A-980 see: FD7700000
A 995 see: BD0330000
A 999 see: BD0330000
A 1030 see: TQ9800000
A 1093 see: XY9100000
A 1161 see: TZ1225000
1212A see: MG0185000
A-1348 see: YU0875000
A 1530 see: CC5650000
A 1530 see: CC6300000
A 1582 see: CC5650000
A-1981 see: UY5640000
A-2077 see: AB4542470
A 2079 see: XY5250000
A 2275 see: YS7897000
A 2297 see: RQ2100000
A-2371 see: PZ2800000
A 3322 see: UT1400000
A-4828 see: RP5880000
A 4942 see: RP6050000 1,3,2-OXAZAPHOSPHORINE, 3-(2-CHLOROETHYL)-2-((2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE
5001 A see: CB9376120
5002A see: TB0700000
A 6413 see: AA4290000
72-A34 see: BW9500000
8000A see: WL6478000
A9145 see: CB9376150
A 9145 see: HE3140000
A-11025 see: ZG0875000
11100A see: UY0881100
A 13397 see: RQ2975000
A18285 see: YT2800000
A 19120 see: DP6650000
A 23187 see: DM4676000
A-27053 see: AG9500000
A-27106 see: CB9376220
A 29622 see: SY8200000 PHOSPHINECARBOXYLIC ACID, DIHYDROXY-, OXIDE, TRISODIUM SALT
A30641 see: NJ8500000
A-32686 see: UK6650000
A-32887 see: CB9376260
A 33508 see: VA2200000
A-43818 see: OK6700000
A-48257 see: EL9900000
A-91033 see: SO6825000
AA see: BA5075000
AA see: CB2450000
AA see: CI7650000
9AA see: AR7300000
AA-9 see: DB6825000
AA-10 see: DB6825000
AA-57 see: RZ4300000
AA149 see: UF8440000
A 201A see: CB9376310
A 204A see: CB9376320
AA 1099 see: BD0330000
AA1199 see: BD0330000
A 3733A see: DJ4350000
A 3823A see: JH2829500
A 28086A see: VO8640000
AAB see: BY8225000

AA2441000 AABOMYCIN A
UPDT:8312 CAS: 72146-65-7 MW: 724.05 MOLFM: C39-H65-N-O11

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:500 mg/kg 85ERAY 2,1119,78

AACAPTAN see: GW5075000
AACISEMINE see: KG8225000
AAF see: AB9450000
2-AAF see: AB9450000
AAFERTIS see: NO8750000
AA223 FEDERLE see: AY7937000
AALINDAN see: GV4900000
AAMANGAN see: OP0700000
A. AMOREUXI VENOM see: YX4182950
A. ANTRACTICUS (AUSTRALIA) VENOM see: YX3958600
AAP see: CD2480000
AAPROTECT see: ZH0525000
AAQ see: CB5120000
AAT see: XU8800000
AAT see: TF4550000
o-AAT see: XU8800000
AATACK see: JO1400000
AATERRA see: XI3875000
AATP see: TF4550000

AA2804000 AATRAM
DEF:A combination of ATRAZINE and PROPACHLOR (FMCHA2 -,C3,83)
UPDT:8309

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5400 mg/kg FMCHA2 -,C3,83

AATREX see: XY5600000
AATREX 4L see: XY5600000
AATREX NINE-0 see: XY5600000
AATREX BOW see: XY5600000
A. AUSTRALIS HECTOR VENOM see: YX4183100
AAVOLEX see: ZH0525000
AAZIRA see: ZH0525000
2-AB see: EO3325000
AB 315 see: CB9376515
A 28695B see: VT6307000
AB 35616 see: DE8750000
ABACIN see: UV8240000
ABACTRIM see: UV8240000
ABADOL see: XJ2100000
ABADOLE see: XJ2100000
ABAR see: TB1720000
ABASIN see: YR6475000
ABAT see: TF6890000
ABATE see: TF6890000
ABATHION see: TF6890000
ABAVIT see: OW9750000
ABBOCILLIM see: XH9400000
ABBOCILLIM-DC see: XH9450000
ABBOCORT see: GM8960000
ABBOMEEN E-2 see: KK3538000
ABBOMEEN E-2 AEROSOL see: KK3542000
ABBOMEEN E-25 AEROSOL see: KK3534000
ABBOTT-22370 see: QF1050000
ABBOTT-28440 see: NR9800000
ABBOTT 30400 see: RY1105000
ABBOTT-35616 see: DE8750000
ABBOTT 36581 see: ET5960000
ABBOTT 40566 see: HP8225000
ABBOTT-43326 see: VC8282000
ABBOTT 44090 see: YV7875000
ABBOTT-44747 see: NM7521500

AA4290000 ABBOTT ANTIBIOTIC M259
UPDT:8312 CAS: 1405-35-2
SYN: A 6413 * M 259

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1470 ug/kg 85FZAT -,739,67
* ivn-mus LD50:2210 ug/kg 85FZAT -,739,67

ABC 8/3 see: NL3668500
ABC 12/3 see: XH5135000
ABCID see: WO9030000
ABD see: CV6125600
ABENSANIL see: AE4200000
ABEREL see: VH6475000
ABESTA see: ZG0350000
6-AB-GLY-L-ASP see: CI9380000
6-AB-GLY-L-GLU see: MA1050200
ABICOL see: ZG0350000
ABICOVIROMYCIN see: GY8430000

AA4350000 ABIES ALBA OIL
UPDT:8305 CAS: 8021-27-0
SYN: FIR OIL * OIL of ABIES ALBA * OIL OF FUR * OIL OF SILVER FIR * OIL OF SILVER PINE * SILVER FIR NEEDLE OIL (8CI) * SILVER FIR OIL * SILVER PINE OIL * TEMPLIN OIL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,809,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AA4351000 ABIES PINDROW Royle, extract excluding roots
DEF:Indian plant belonging to the family PINACEAE (JEBAA6 9,91,71)
UPDT:8302

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

SYN: REI EXTRACT
TOXICITY DATA AND REFERENCES:
1N22 ipr-mus LD50:375 mg/kg IJEBA6 9,91,71

AA4351500 ABIES WEBBIANA Lindl., leaf extract
DEF:Indian plant belonging to the family PINACEAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
2HC2H22 ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

ABIETIC ACID see: TP8580000
ABIETIC ACID, METHYL ESTER see: TP8590000
ABIGUANIL see: WO8575000
ABILOVIROMYCIN see: GY8430000
ABILIT see: BZ3400000 o-ANISAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-
ABIOL see: DH2450000
ABIROL see: BV8000000
ABN-CBD see: VH1619000
ABN-delta(sup 8)-THC see: HP8215000
ABOB HYDROCHLORIDE see: QD9815000
ABOL see: EZ9100000
ABOVIS see: KH2570000
CABRACOL S.L.G. see: RG1925000
ABRAMANT see: BD1200000
ABRAMAX see: BD1200000
ABRAMYCIN see: QI8750000
ABRAREX see: BD1200000
ABRASIT see: BD1200000
ABRICYCLINE see: QI8750000

AA5250000 ABRIN
UPDT:8308 CAS: 1393-62-0
SYN: ABRINS * AGGLUTININ * CRAB'S EYES * INDIAN LICORICE SEED * JUMBLE BEAD * PRAYER BEAD * TOXALBUMIN
MUTATION DATA AND REFERENCES:
dni-mus/ast 50 ug/kg TOXIA6 11,379,73
TOXICITY DATA AND REFERENCES:
* orl-hmn LDLo:7 ug/kg 85ESA3 9,1,76
3K12K17F18 orl-rat LDLo:300 mg/kg AMIHAB 12,468,55
orl-mus LD50:6638 mg/kg ARZNAD 21,888,71
ipr-mus LD50:20 ug/kg 85ESA3 9,1,76
* ivn-mus LD50:20 ug/kg 85GDA2 8(1),107,82
3K12K17F18 orl-rbt LDLo:21 mg/kg AMIHAB 12,468,55
orl-gpg LD50:299 mg/kg ARZNAD 21,888,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, BIPAAB 74(1),85,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AA5250100 ABRIN A
DEF:An isotonic protein extracted from the seeds of jequirity bean, ABRUS PRECATORIUS(TOXIA6 19,41,81)
UPDT:8312 CAS: 53597-23-2
MUTATION DATA AND REFERENCES:
dni-mus:ast 1 mg/L CNREAB 42,276,82
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:10 ug/kg TOXIA6 19,41,81

AA5250300 ABRIN C
DEF:An isotonic protein extracted from the seeds of jequirity bean, ABRUS PRECATORIUS(TOXIA6 19,41,81)
UPDT:8312 CAS: 53597-24-3
MUTATION DATA AND REFERENCES:
dni-mus:ast 1 mg/L CNREAB 42,276,82
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:16 ug/kg TOXIA6 19,41,81

ABRINS see: AA5250000
ABRODEN see: PB2252000
ABRODIL see: PB2250000

AA5360000 ABROMA AUGUSTA Linn. f., extract
DEF:Indian plant belonging to the family STERCULIACEAE (IJEBA6 7,250,69)
UPDT:8307
SYN: ULATKAMBAL EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

AA5361000 ABROMA AUGUSTA Linn., root extract
DEF:Indian plant belonging to the family STERCULIACEAE (IJMRAQ 63,378,75)
UPDT:8411
SYN: ULATKAMBAL ROOT EXTRACT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-mus TDLo:300 mg/kg (1-6D preg) IJMRAQ 63,378,75
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ABROMEEN E-25 see: KK3530000
ABROVAL see: YS3150000

AA5393000 ABRUS PRECATORIUS Linn., root extract
UPDT:8405
SYN: JEQUIRITY * RATTI (Hindi)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:500 mg/kg (1-5D preg) PLRCAT 2,159,70
TOXICITY DATA AND REFERENCES:
3F05F12J22 orl-rat LD50:2 gm/kg PLRCAT 2,159,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ABRUS PRECATORIUS OIL see: RI6492000
ABS see: AT6970000
ABS see: DB4370000
ABS (polymer) see: AT6970000
ABS (pyrolysis products) see: AT6975000
ABS 60 see: AT6970000
ABSAFIL see: AT6970000
ABSAGLAS see: AT6970000
ABSASAR see: AT6970000
ABS COPOLYMER see: AT6970000
ABSENTOL see: RQ2100000
ABSETIL see: RQ2100000
ABSIN see: YR6475000
ABSINOL see: AT6970000
ABSOLUTE ETHANOL see: KQ6300000
ABSOLUTE FRENCH ROSE see: VL0434000
ABSOLUTE MIMOSA see: PY7954000
ABSON see: AT6970000
ABSON 821 see: AT6970000
ABSON 69163 see: AT6970000
ABSON 89110 see: AT6970000
ABSON 89131 see: AT6970000
ABSON 89140 see: AT6970000
ABSON 89151 see: AT6970000
ABSON 89163 see: AT6970000
ABSON 89171 see: AT6970000
ABSON 820X14 see: AT6970000
ABSORBABLE GELATIN SPONGE see: LX8580000
ABS PLASTIC see: AT6970000
ABS (POLYMER) see: AT6970000
ABS RESIN see: AT6970000
ABSROM see: AT6970000
ABSTENSIL see: JO1225000
ABS TERPOLYMER see: AT6970000
ABSTINIL see: JO1225000
ABSTINYL see: JO1225000
ABURAMYCIN see: RK4385000
ABURAMYCIN B see: GB7875000

AA6136000 ABUTILON ASIATICUM G. Don, extract
DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

AA6137000 ABUTILON INDICUM Sweet, extract
DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: KANGHI EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

AA6138000 ABUTILON RAMOSUM Guill. & Perr., extract
DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: PATHARI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

AC 8 see: TQ3325000
AC 220 see: TI3325000
AC-223 see: OI9410000
AC 394 see: TQ3325000
AC 528 see: TE3350000
AC 680 see: TQ3325000
AC-1075 see: HA5425000
AC 1198 see: RP9100000
AC 1220 see: TQ3325000
AC 2770 see: FM4919500
AC 3422 see: TE4550000
AC 3422 see: TF4550000
AC 3810 see: XM4900000
AC-3810 see: XM4920000
AC 3911 see: TD9450000
A 4014C see: MC5408000
AC 4124 see: TE7875000
AC 5223 see: MF1750000
AC 5230 see: VQ0700000
AC-12880 see: TE1750000
A-13001-C see: OM0848600
AC 18133 see: TF5775000
AC 18642 see: TD8225000
AC-18642 see: TE1750000
AC 18706 see: TE0960000
AC-18,737 see: TF8225000
AC 23697 see: TC0820000
AC 24055 see: AE2450000
AC 26,691 see: TF7525000
AC 28,865 see: TC3150000
AC 35,217 see: TF7700000
AC 38023 see: TF7650000
AC 38,064 see: TF6900000
AC 38,106 see: TF7800000
AC 38555 see: BP5250000
AC 38,906 see: FG1350000
AC-43064 see: NJ6400000
AC 43356 see: NJ6450000
AC-43913 see: TG2950000
AC 47031 see: NJ6475000
AC 47271 see: NJ6470000
AC-47300 see: TG0350000
AC 47370 see: NJ6455000
AC-47430 see: NJ6380000
AC 47460 see: NJ6460000
AC 47470 see: JP1050000
AC 47548 see: RP5504000
AC 47772 see: NJ6650000
AC-47826 see: NJ6430000
AC 47921 see: TD9660000
AC 52069 see: NJ6465000
AC 52107 see: NJ6472000
AC 52160 see: TF6890000
AC 64475 see: NJ6490000
AC 84777 see: UQ9820000
AC 85258 see: ZH1930000 ZINC, DICHLORO(4,4-DIMETHYL-5-((((METHYLAMINO)CARBONYL)OXY)IMINO)PENTANENITRILE)-, (T-4)-
AC 92100 see: TD7200000
AC 92553 see: BX5470000
AC 217300 see: UV7583000
AC 222705 see: CY1578620
AC 26,095-2 see: TF2050000
ACABEL see: TN5950070
ACACIA see: CE5945000

AA7680000 ACACIA ARABICA Willd., stem bark extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 7,250,69)
UPDT:8302
SYN: BABUL STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

AA7680200 ACACIA AURICULAEFORMIS, bark or leaf extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1K12 ipr-mus LD50:250 mg/kg CPBTAL 13,882,65

AA7680300 ACACIA AURICULIFORMIS A. Cunn., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8411

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
2F07H30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

AA7680400 ACACIA CAESIA Willd., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8302
SYN: KARANTA EXTRACT

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:45 mg/kg IJEBA6 11,43,73

AA7680500 ACACIA CHUNDRA (Rottl.) Willd., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

AA7680800 ACACIA CONCINNA DC., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302
SYN: SHIKAI EXTRACT

TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:12500 ug/kg IJEBA6 9,91,71

ACACIA DEALBATA GUM see: CE5945000

AA7681400 ACACIA DECURRENS Willd. var. MOLLIS Lindl., stem bark extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8302
SYN: BLACK WATTLE STEM BARK EXTRACT

TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:40 mg/kg IJEBA6 12,512,74

AA7681700 ACACIA DECURRENS Willd. var. NORMALIS Benth., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

ACACIA GUM see: CE5945000

AA7684000 ACACIA LEUCOPHLOEA Willd., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302
SYN: REON EXTRACT

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

ACACIA MOLISSIMA TANNIN see: PY7955000

AA7686000 ACACIA PENNATA (L.) Willd., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 7,250,69)
UPDT:8307
SYN: KIRKIT EXTRACT

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:125 mg/kg IJEBA6 7,250,69

AA7686500 ACACIA PLANIFRONS W. & A., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8302
SYN: KODAIVELLAM EXTRACT

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:10 mg/kg IJEBA6 12,512,74

ACACIA SENEGAL see: CE5945000

AA7687500 ACACIA SUMA Buch.-Ham., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302
SYN: SAIN-KANTA EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:37 mg/kg IJEBA6 9,91,71

ACACIA SYRUP see: CE5945000

AA7689000 ACACIA TORTA Craib., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8302

TOXICITY DATA AND REFERENCES:
3H30J30U26 ipr-mus LD50:70 mg/kg IJEBA6 11,43,73

ACACIA VILLOSA see: ZC0100000
ACADYL see: GN7875000
ACALMID see: EK1050000
ACALO see: EK1050000

AA8055000 ACALYPHA WILKESIANA Muell.-Arg., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

ACALYPTOPHIS PERONII VENOM see: YX4183810
ß 'AMOL see: AE4200000
ACAMYLOPHENINE see: MB9625000
ACAMYLOPHENINE DIHYDROCHLORIDE see: MB9640000

AA8228000 ACANTHOPANAX CISSIFOLIUS (Griff. ex Seems) Harms., extract excluding roots
DEF:Indian plant belong to the family ARALIACEAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

ACANTHOPHIS ANTARCTICUS (AUSTRALIA) VENOM see: YX3958600
ACANTHOPHIS ANTARCTICUS B (AUSTRALIAN) VENOM see: YX3959270

AA8245000 ACANTHOSPERMUM HISPIDUM DC., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 9,91,71)
UPDT:8305
SYN: GURKUL-KANTA EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

AA8246000 ACANTHUS ILICIFOLIUS, leaf and stem extract
UPDT:8307

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

AA8247000 ACANTHUS LEUCOSTACHYUS Wall., extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 9,91,71)
UPDT:8305

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1200 mg/kg IJEBA6 9,91,71

ACAPRIN see: VC4022500
ACAR see: DD2275000
ACARABEN see: DD2275000
ACARABEN 4E see: DD2275000
ACARACIDE see: WT2975000
ACARALATE see: DD2450000
ACARICIDE 228F see: TA8052000
ACARICYDOL Σ 20 see: DB5250000
ACARIN see: DC8400000
ACARI-RANA see: LX8450100
ACARITHION see: TD5250000
ACAROL see: DD2100000
ACARON see: LQ4375000
ACAVYL see: GN7875000
ACC 3422 see: TF4550000
ACCELERATE see: RN8225000
ACCELERATOR L see: ZH0525000
ACCELERATOR THIURAM see: JO1400000
ACCELERINE see: BX7175000
ACCEL R see: QE3325000
ACCENT see: MA1575000
(N-AC-D-p-Cl-PHE(sup 1,2)-D-TRP(sup 3)-D-PHE(sup 6)-D-SER(sup 10))-LHRH see: OK6376000
ACCO FAST RED KB BASE see: XU5075000
ACCONEM see: NJ6490000
ACCOSPERSE TOLUIDINE RED XL see: QK4247000
ACCOTHION see: TG0350000
ACCROIBILE see: GU6940000
ACCUCOL see: VO6250000
ACCUSAND see: VV7320000
ACCUZOLE see: WO9100000
(N-AC-D-p-Cl-PHE(sup 1,2)-D-TRP(sup 3)-D-PHE(sup 6)-D-ALA(sup 10))-LHRH see: OK6375000
AC-DI-SOL, NF see: FJ5950000
(N-AC-D-TRP(sup 1,3)-D-p-Cl-PHE(sup 2)-D-PHE(sup 6)-D-ALA(sup 10))-LHRH see: OK6395000
4,10-ACE-1,2-BENZANTHRACENE see: CU0700000
8,9-ACE-1,2-BENZANTHRACENE see: CU0885000
ACEBUTOLOL see: EJ3500500
(±)-ACEBUTOLOL see: EJ3500500
ß-ACEBUTOLOL see: EJ3500500
ACEBUTOLOL HYDROCHLORIDE see: ES5235000
ACECAINIDE see: AE1974350
ACECARBROMAL see: YR6475000
ACECHOLIN see: FZ9800000
ACECOLINE see: FZ9800000
ACECOLINE see: FZ9700000
ACEDAPSONE see: AE7175000
ACEDE CRESYLIQUE (French) see: GO5950000
ACEDOXIN see: IN2275000
ACEDRON see: SI1400000

ACEF see: XI0390000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL-1,3,4-THIADIAZOL-2-YL)-THIO)METHYL)-8-OXO-7-(((1H-TETRAZOL-1-YL)ACETYL)AMINO)-, (6R-trans)-, SODIUM SALT

ACEFEN see: AG0440000
ACEGLATON see: LZ3990600
ACEGLATONE see: LZ3990000
ACEGLUTAMIDE ALUMINUM see: BD1280000
ACELAN, combustion product, see: AT6975000
ACEMETACIN see: NL3521500
ACENAPHTHANTHRACENE see: CU1575000

AB0900000 5-ACENAPHTHENEAMINE
UPDT:8209 CAS: 4657-93-6 MW: 169.24 MOLFM: C12-H11-N
SYN: 5-ACENAPHTHENEAMINE * 5-ACENAPHTHYLENEAMINE, 1,2-DIHYDRO- * 5-AMINOACENAPHTHENE * 2-DIHYDRO-5-ACENAPHTHYLENAMINE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#01911

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,243,78
5-ACENAPHTHENEAMINE see: AB0900000

AB1024200 1,2-ACENAPHTHENEDIOL, 5-NITRO-, (Z)-
UPDT:8312 CAS: 8,860-13-1 MW: 231.22 MOLFM: C12-H9-N-O4
SYN: 1,2-ACENAPHTHYLENEDIOL, 1,2-DIHYDRO-5-NITRO-, cis- (9CI) * cis-1,2-DIHYDROXY-5-NITROACENAPHTHENE * 5-NITRO-1,2-ACENAPHTHENEDIOL

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 42,1243,82

AB1060000 ACENAPHTHENE, 5-NITRO-
UPDT:8412 CAS: 602-87-9 MW: 199.22 MOLFM: C12-H9-N-O2
SYN: ACENAPHTHYLENE, 1,2-DIHYDRO-5-NITRO- * 1,2-DIHYDRO-5-NITROACENAPHTHYLENE * 5-NAN * NCI C01967 * 5-NITROACENAPHTHENE * 5-NITROACENAPHTHENE * 5-NITROACENAPHTHYLENE * 5-NITRONAPHTHALENE ETHYLENE

MUTATION DATA AND REFERENCES:
mmo-sat 3 ug/plate ENMUDM 5(Suppl 1),3,83
mma-sat 1 ug/plate ENMUDM 5(Suppl 1),3,83

TUMORIGENIC DATA AND REFERENCES:
3V01D45J60 orl-rat TDLo:40 gm/kg/78W-C NCITR* NCI-CG-TR-118,78
3V01I60T63 orl-mus TDLo:33 gm/kg/78W-C NCITR* NCI-CG-TR-118,78
3V01K60R60 orl-rat TD :120 gm/kg/17W-C TJIDAH 89,475,74
3V01D45J60 orl-rat TD :60 gm/kg/70W-C NCITR* NCI-CG-TR-118,78
3V01I60T63 orl-mus TD :80 gm/kg/78W-C NCITR* NCI-CG-TR-118,78

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 16,319,78

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE;MOUSE, RAT (NCITR* NCI-CG-TR-118,78)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB1067000 1-ACENAPHTHENOL, 5-AMINO-
UPDT:8312 CAS: 30799-25-8 MW: 183.24 MOLFM: C12-H11-N-O
SYN: 1-ACENAPHTHYLENOL, 1,2-DIHYDRO-5-NITRO- (9CI) * 5-AMINO-1-ACENAPHTHENOL * 1-HYDROXY-5-AMINOACENAPHTHENE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 42,1243,82

AB1068500 1-ACENAPHTHENOL, 5-NITRO-
UPDT:8312 CAS: 81851-72-1 MW: 215.22 MOLFM: C12-H9-N-O3
SYN: 1-HYDROXY-5-NITROACENAPHTHENE * 5-NITRO-1-ACENAPHTHENOL

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 42,1243,82
mma-sat 10 ug/plate CNREA8 42,1243,82

AB1071000 1-ACENAPHTHENONE, 5-AMINO-
UPDT:8317 CAS: 69019-56-3 MW: 183.22 MOLFM: C12-H9-N-O
SYN: 1(2H)-ACENAPHTHYLENONE, 5-AMINO- (9CI) * 5-AMINO-1-ACENAPHTHENONE * 1-OXO-5-AMINOACENAPHTHENE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 42,1243,82

AB1075000 1-ACENAPHTHENONE, 5-NITRO-
UPDT:8312 CAS: 5386-11-8 MW: 213.20 MOLFM: C12-H7-N-O3
SYN: 1(2H)-ACENAPHTHYLENONE, 5-NITRO- (9CI) * 5-NITRO-1-ACENAPHTHENONE * 1-OXO-5-NITROACENAPHTHENE

MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate CNREA8 42,1243,82
mma-sat 5 ug/plate CNREA8 42,1243,82

13H-ACENAPHTHO(1,2-a)PHENANTHRENE see: HN0175000
5-ACENAPHTHYLENAMINE, 1,2-DIHYDRO- see: AB0900000

BEST COPY AVAILABLE

ACENAPHTHY-2NE, 1,2-DIHYDRO-5-NITRO- see: AB1060000
1,2-ACENAPHTHYLENEDIOL, 1,2-DIHYDRO-5-NITRO-, cis- (9CI) see: AB1024200
1-ACENAPHTHYLENOL, 1,2-DIHYDRO-5-NITRO- (9CI) see: AB1067000
1(2H)-ACENAPHTHYLENONE, 5-AMINO- (9CI) see: AB1071000
1(2H)-ACENAPHTHYLENONE, 5-NITRO- (9CI) see: AB1075000
ACENOCOUMARIN see: GN4900000
ACENOCOUMAROL see: GN4900000
ACENOCUMAROL see: GN4900000
ACENTERINE see: VO0700000
ACEOTHION see: TG0150000
ACEPHAT (German) see: TB4760000
ACEPHATE see: TB4760000
ACEPHATE-MET see: TB4970000
ACEPHEN see: AG0640000
ACEPHENE see: AG0430000
ACEPRAMIN see: MO6300000
ACEPRAMINE see: MO6300000
ACEPREVAL see: TU3680000
ACEPROMAZINA see: OB2275000
ACEPROMAZINE see: OB2275000
ACEPROMAZINE MALEATE see: OB2450000
ACEPROMIZINA see: OB2275000
ACEPROSOL see: LZ8100000
ACEPYRENE see: GY5850000
ACEPYRYLENE see: GY5850000

AB1490000 ACER CAMPBELLII HK. f. & T., extract excluding roots
DEF Indian plant belonging to the family ACERACEAE (IJEBA6 12,512.74)
UPDT:8305
SYN: RARSING EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:375 mg/kg IJEBA6 12,512.74

AB1491000 ACER HOOKERI Miq., extract excluding roots
DEF Indian plant belonging to the family ACERACEAE (IJEBA6 12,512.74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 12,512.74

AB1492000 ACER PICTUM Thunb., extract excluding roots
DEF Indian plant belonging to the family ACERACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: KANDLI EXTRACT * MANDAR EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg IJEBA6 9,91,71

ACESAL see: VO0700000
ACETAAL (Dutch) see: AB2800000
ACETACID MD 0 see: QX1925000
ACETACID MD 289 see: QX6150000
ACETACID MD J see: QJ6825000
ACETAGESIC see: AE4200000
ACETAL see: AB2800000
ACETAL see: VO0700000
ACETALDEHYD (German) see: AB1925000

AB1925000 ACETALDEHYDE
UPDT:8412 CAS: 75-07-0 MW: 44.06 MOLFM: C2-H4-O
SYN: ACETALDEHYD (German) * ACETALDEHYDE (DOT) * ACETIC ALDEHYDE * ALDEHYDE ACETIQUE (French) * ALDEIDE ACETICA (Italian) * ETHANAL * ETHYL ALDEHYDE * ETHYL ALDEHYDE (DOT) * NCI-C56126 * OCTOWY ALDEHYD (Polish) * RCRA WASTE NUMBER U001 * UN 1089 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 50 ppm/15M JIMTAB 20,262.46
skn-rbt 500 mg open MLD UCDS * 12/13/63
eye-rbt 40 mg SEV UCDS** 12/13/63
MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate EVHPAZ 21,79,77
dnr-esc 10 uL/plate EVHPAZ 21,79,77
cyt-hmn-lou 1080 ppm/72H-C TSITAQ 20,421.78
scs-hmn-lym 40 umol/L EXPEAM 34,195.78
scs-hmn-fbr 40 umol/L EXPEAM 34,195.78
mnt-rat-fbr 500 umol/L MUREAV 101,237.82
cyt-rat-fbr 100 umol/L MUREAV 101,237.82
otr-mus-emb 10 mg/L ENMUDM 4,331.82
scs-mus-ipr 15 mg/kg MUREAV 68,291.79
scs-ham-ipr 500 ug/kg MUREAV 68,389.81
scs-ham-ovr 5 ppm/9D MUREAV 56,211.77
dnd-mam-lym 1 mol/L/30M MUREAV 58,115.78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
31.5T31T34 ipr-rat TDLo:50 mg/kg (12D preg) DADEQV 9,339.82
1T55 ipr-rat TDLo:160 mg/kg (12D preg) DADEDV 9,339.82
2T42T46 ip-rat TDLo:400 mg/kg (8-15D preg) SEIJBO 23,13,83
1T43 ipr-rat TDLo:600 mg/kg (8-15D preg) SEIJBO 23,13,83
1T46 ipr-mus TDLo:640 mg/kg (10D preg) TJADAB 27,231.83
2T27T34 ivn-mus TDLo:120 mg/kg (7-9D preg) JOANAY 128,65,79
2T25T41 ivn-mus TDLo:4 1M/mg (6D preg) JOANAY 132,107,81
TUMORIGENIC DATA AND REFERENCES:
2V03D09 ihl-rat TCLo:1410 ppm/6M/65W-I TXCYAC 31,123.84
2V03D09J60 ihl-ham TCLo:2040 ppm/7H/52W-I EJCODS 18,13,82
TOXICITY DATA AND REFERENCES:
1J30 ihl-ham TCLo:134 ppm/20M JAMAAP 165,1908.57
orl-rat LD50:1930 mg/kg AMIHBC 4,119.51
* ihl-rat LCLo:4000 ppm/4H AMIHBC 10,61,54
ipr-rat LDLo:500 mg/kg JBCHAJ 152,41.44
1R01 scu-rat LD50:640 mg/kg APTOA6 6,299.50
ihl-mus LC50:1500 ppm/4H DTLVS* 4,7.80
1F01 scu-mus LD50:560 mg/kg APTOA6 6,299.50
ivn-mus LD50:212 mg/kg JOANAY 128,65,79
ihl-ham LC50:17000 ppm/4H PEXTAR 24,162.79
itr-ham LD50:96 mg/kg PEXTAR 24,162.79
* ihl-mam LC50:21800 mg/m3 GTPZAB 12(7),16,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,163.75
★ TLV-TWA 100 ppm; STEL 150 ppm DTLVS* 4,7.80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm (SCP-V) FEREAC 39,23540.74
★ DOT-HAZARD-FLAMMABLE LIQUID, LABEL-FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
NTP CARCINOGENESIS STUDIES: SELECTED BUT DEFERRED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0383-0474
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB1950000 ACETALDEHYDE, AMINE SALT
UPDT:8404 CAS: 75-39-8 MW: 61.10 MOLFM: C2-H6-O-H3-N
SYN: ACETALDEHYDE AMMONIA * ACETALDEHYDE AMMONIA (DOT) * ALDEHYDE AMMONIA * 1-AMINOETHANOL * alpha-AMINOETHYL ALCOHOL * ETHANOL, 1-AMINO- (8CI,9CI) * UN 1841 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-ORM-A; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 270
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
ACETALDEHYDE AMMONIA see: AB1950000
ACETALDEHYDE AMMONIA (DOT) see: AB1950000

AB3100000 ACETALDEHYDE, BIS(2-METNOXYETHYL) ACETAL
UPDT:8407 CAS: 10143-67-8 MW: 178.26 MOLFM: C8-H18-O4
SYN: 1,1-DI (2-METHOXYETHOXY)ETHANE * 2,5,7,10-TETRAOXAUNDECANE, 6-METHYL
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3260 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:4240 mg/kg AMIHBC 10,61,54

AB2190000 ACETALDEHYDE, BROMO-
UPDT:8408 CAS: 17157-48-1 MW: 122.96 MOLFM: C2-H3-Br-O
SYN: BROMOACETALDEHYDE * alpha-BROMOACETALDEHYDE * 2-BROMOACETALDEHYDE * MONOBROMOACETALDEHYDE
MUTATION DATA AND REFERENCES:
dnr-esc 10 uL/plate EVHPAZ 21,79,77
dnd-mam-lym 18 nmol CNREA8 41,4391,81
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0478-0126

AB2450000 ACETALDEHYDE, CHLORO-
UPDT:8407 CAS: 107-20-0 MW: 78.50 MOLFM: C2-H3-Cl-O
SYN: CHLOROACETALDEHYDE * CHLOROACETALDEHYDE MONOMER * 2-CHLOROACETALDEHYDE * CHLOROACETALDEHYDE (DOT) * 2-CHLORO-1-ETHANAL * MONOCHLOROACETALDEHYDE * RCRA WASTE NUMBER P023 * UN 2232 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 400 umol/L MUREAV 32,93,75
mma-sat 10 uL/plate EVHPAZ 21,79,77
mma-esc 1 mmol/L CBINA8 12,265,76
dnr-esc 10 uL/plate EVHPAZ 21,79,77
mma-lcs 5 mmol/L MSERDS 5,131,81
dnr-lcs 100 mmol/L 37ATAD -,155,77
oms-lcs 1 mol/L 37ATAD -,155,77
mma-omi 250 nL/plate CBINA8 30,9,80
mmo-omi 1 mmol/L MUREAV 73,1,80
mma-smc 3100 umol/L CNREA8 37,253,77
mma-osa 30 uL/plate CBINA8 30,9,80
mma-ssp 3120 umol/L CNREA8 37,253,77
mma-ssp 6250 umol/L CNREA8 37,253,77
dnd-sal-ose 3 gm CRNGDP 3,663,82
dni-rat-ivn 5 gm/kg CBINA8 17,239,77
msc-ham-lng 6400 ng/L IJCNAW 16,639,75
dnd-mam-lym 200 mmol/L CBINA8 22,211,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:23 mg/kg JPMSAE 61,19,72
ipr-rat LD50:2 mg/kg JPMSAE 61,19,72
orl-mus LD50:21 mg/kg JPMSAE 61,19,72
ipr-mus LD50:2 mg/kg JPMSAE 61,19,72
skn-rbt LD50:67 mg/kg JPMSAE 61,19,72
ipr-rbt LD50:1390 ug/kg JPMSAE 61,19,72
ipr-gpg LD50:636 ug/kg JPMSAE 61,19,72
REVIEW AND REFERENCES:
★ TLV-CL 1 ppm CTLVS* 4,82,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 1 ppm (SCP-B) FEREAC 39,23540,74
★ DOT-IMO-POISON B; LABEL POISON CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S111
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB2617000 ACETALDEHYDE, CHLORO-, DIMER, HYDRATE and CHLOROACETALDEHYDE MONOMER HYDRATE
UPDT:8303
SYN: CHLOROACETALDEHYDE MONOMER DIMER HYDRATES
MUTATION DATA AND REFERENCES:
mmo-sat 4 umol/L 37ATAD -,155,77
dnr-lcs 115 mmol/L 37ATAD -,155,77

AB26A0000 ACETALDEHYDE, CHLORO-, TRIMER
UPDT:8403 CAS: 1194-32-8 MW: 110.49 MOLFM: (C2-H3-Cl-O)3
SYN: CHLOROACETALDEHYDE TRIMER * s-TRIOXANE, 2,4,6-TRIS(CHLOROMETHYL)- (8CI) * 1,3,5-TRIOXANE, 2,4,6-TRIS(CHLOROMETHYL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 240 umol/L 37ATAD -,155,77
dnr-lcs 96 mmol/L 37ATAD -,155,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

AB2700000 ACETALDEHYDE, DIBUTYL ACETAL
UPDT:8407 CAS: 871-22-7 MW: 174.32 MOLFM: C10-H22-O2
SYN: BUTANE, 1,1'-(ETHYLIDENEBIS(OXY))BIS- (9CI) * 1,1-DIBUTOXYETHANE * DIBUTYL ACETAL * ETHANE, 1,1-DIBUTOXY-
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8790 mg/kg AMIHBC 10,61,54

AB2800000 ACETALDEHYDE, DIETHYL ACETAL
UPDT:8407 CAS: 105-57-7 MW: 118.20 MOLFM: C6-H14-O2
SYN: ACETAAL (Dutch) * ACETAL * ACETAL DIETHYLIQUE (French) * ACETAL (DOT) * ACETALE (Italian) * ACETOL * 1,1-DIAETHOXY-AETHAN (German) * DIAETHYLACETAL (German) * 1,1-DIETHOXY-ETHAAN (Dutch) * 1,1-DIETHOXYETHANE * DIETHYL ACETAL * 1,1-DIETOSSIETANO (Italian) * ETHANE, 1,1-DIETHOXY- * ETHYLIDENE DIETHYL ETHER * UN 1088 (DOT) * USAF DO-45
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD JIHTAB 31,60,49
eye-rbt 500 mg open JIHTAB 31,60,49
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4600 mg/kg MDZEAK 8,244,67
ihl-rat LCLo:4000 ppm/4H JIHTAB 31,343,49
* ipr-rat LD50:900 mg/kg 14CYAT 2,1982,63
* orl-mus LD50:3500 mg/kg GISAAA 42(3),12,77
ipr-mus LD50:500 mg/kg NTIS** AD277-689

BEST COPY AVAILABLE

orl-rbt LD50:3545 mg/kg PSEBAA 29,730.32

STANDARDS & REGULATIONS:
★ DOT-HAZARD FLAMMABLE LIQUID; LABEL FLAMMABLE LIQUID CFRGBR 49,172.101.82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AB2825000 ACETALDEHYDE, DIMETHYL ACETAL
UPDT 8407 CAS: 534-15-6 MW: 90.14 MOLFM: C4-H10-O2
SYN: 1,1-DIMETHOXYETHANE * 1,1-DIMETHOXYETHANE (DOT) * DIMETHYLACETAL * DIMETHYL ALDEHYDE * ETHANE, 1,1-DIMETHOXY- * ETHYLIDENE DIMETHYL ETHER * METHYL FORMYL * UN 2377 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD JIHTAB 31,60,49
eye-rbt 20 mg open JIHTAB 31,60,49

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6500 mg/kg JIHTAB 31,60,49
1901 ihl-rat LC50:3000 ppm/4H AMIHAB 12,623.55
orl-rbt LD50:4507 mg/kg PSEBAA 29,730.32
* skn-rbt LD50:20 gm/kg JIHTAB 31,60,49

STANDARDS & REGULATIONS:
★ DOT-IMO FLAMMABLE LIQUID; LABEL FLAMMABLE LIQUID CFRGBR 49,172.102.83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

AB2825300 ACETALDEHYDE, (DIMETHYLAMINO)-, DIPHENYL ACETAL
UPDT 8306 CAS: 32359-34-5 MW: 257.38 MOLFM: C16-H19-N-O2
SYN: N,N-DIMETHYL-2,2-DIPHENOXYETHYLAMINE * ETHANAMINE, N,N-DIMETHYL-2,2-DIPHENOXY- (9CI) * LG 152 * MEDIFOXAMINE

TOXICITY DATA AND REFERENCES:
3D16F13F17 orl-mus LD50:750 mg/kg THERAP 26,553.71

AB2827800 ACETALDEHYDE, ((3,7-DIMETHYL-2,6-OCTADIENYL)OXY)-, (E)-
UPDT 8305 CAS: 65405-73-4 MW: 196.32 MOLFM: C12-H20-O2
SYN: GERANOXY ACETALDEHYDE * GERANYL OXYACETALDEHYDE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,789.79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AB2827800 ACETALDEHYDE, DIPROPYL ACETAL
UPDT 8305 CAS: 105-82-8 MW: 146.26 MOLFM: C8-H18-O2
SYN: ACETALDEHYDE DI-n-PROPYL ACETAL * 1,1-DIPROPOXYETHANE * DIPROPYL ACETAL * n-PROPYL ACETAL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,897.79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETALDEHYDE-DI-n-PROPYL ACETAL see: AB2827800
ACETALDEHYDE (DOT) see: AB1925000

AB2831000 ACETALDEHYDE, 2-(2-ETHOXYETHOXY)ETHYL 3,4-(METHYLENEDIOXY)PHENYL ACETAL
UPDT 8309 CAS: 51-14-9 MW: 298.37 MOLFM: C15-H22-O6
SYN: 2-(2-AETHOXY-AETHOXY)-AETHY 3,6,9-TRIOXA-UNDECAN (German) * AQ-20871 * 1,3-BENZODIOXOLE, 5-(1-(2-(2-ETHOXYETHOXY)ETHOXY)ETHOXY)- * ENT 20871 * 5-(1-(2-(2-ETHOXYETHOXY)ETHOXY)ETHOXY)-1,3-BENZODIOXOLE * 2-(2-ETHOXYETHOXY)ETHYL 3,4-(METHYLENEDIOXY)PHENYL ACETAL of ACETALDEHYDE * 2-(3,4-METHYLENEDIOXYPHENOXY)-3,6,9-TRIOXAUNDECANE * SESAMEX * SESOXANE * 3,6,9-TRIOXAUNDECANE, 2-(3,4-(METHYLENEDIOXY)PHENOXY)-

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg 28ZEAL 5,205.76

ACETALDEHYDE, ETHYLMETHYL- see: ES3400000
ACETALDEHYDE-N-FORMYL-N-METHYLHYDRAZONE see: LQ8500000

AB2910000 ACETALDEHYDE, (3-HEXENYLOXY)-, (Z)-
UPDT 8305 CAS: 68133-72-2 MW: 142.22 MOLFM: C8-H14-O2
SYN: cis-HEXENYL OXYACETALDEHYDE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,801.79

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4100 mg/kg FCTXAV 17,801.79
* skn-rbt LD50:2350 mg/kg FCTXAV 17,801.79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AB2915000 ACETALDEHYDE, (HEXYLOXY)-, DIMETHYL ACETAL
UPDT 8305 CAS: 17597-95-4 MW: 190.32 MOLFM: C10-H22-O3
SYN: HEXOXYACETALDEHYDE DIMETHYLACETAL * beta-HEXOXYACETALDEHYDE DIMETHYLACETAL * 2-HEXOXYACETALDEHYDE DIMETHYLACTAL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,811.79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETALDEHYDE, HYDROXY- (9CI) see: AC2980000

AB2920000 ACETALDEHYDE, (p-ISOPROPYLPHENYL)-
UPDT 8307 CAS: 4395-92-0 MW: 162.25 MOLFM: C11-H14-O
SYN: BENZENEACETALDEHYDE, 4-(1-METHYLETHYL)- (9CI) * CORTEXAL * CUMINIC ACETALDEHYDE * CUMYL ACETALDEHYDE * p-CYMENE 7-CARBOXALDEHYDE * p-ISOPROPYLPHENYLACETALDEHYDE * ISOPROPYL PHENYLACETALDEHYDE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTXAV 17,533.79

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4100 mg/kg FCTXAV 17,533.79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETALDEHYDE-N-METHYL-N-FORMYLHYDRAZONE see: LQ8500000
ACETALDEHYDE METHYLHYDRAZONE see: AB2946500

AB2946500 ACETALDEHYDE, N-METHYLHYDRAZONE
UPDT 8303 CAS: 17167-73-8 MW: 72.13 MOLFM: C3-H8-N2
SYN: ACETALDEHYDE METHYLHYDRAZONE * AMFN

TUMORIGENIC DATA AND REFERENCES:
3V03J60H60 orl-mus TDLo:208 mg/kg 1Y-I JJIND8 67,881.81

TOXICITY DATA AND REFERENCES:
orl-mus LD50:390 mg/kg TXAPA9 45,429.78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB2955000 ACETALDEHYDE, METHYLTHIO-, O-(CARBAMOYL)OXIME
UPDT 8309 CAS: 10940-39-7 MW: 148.20 MOLFM: C4-H8-N2-O2-S
SYN: DU PONT 1642 * DUPONT INSECTICIDE 1642 * EI-1642 * ENT 27 411 * ETHANIMIDOTHIOIC ACID, N-(((AMINOCARBONYL)OXY)-, METHYL ESTER * METHYL N-(CARBAMOYLOXY)THIOACETIMIDATE * MSC 191201

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:60 mg/kg 28ZEAL 5,104.76
skn-rbt LDLo:3400 mg/kg 28ZEAL 5,104.76

AB2975000 ACETALDEHYDE OXIME
UPDT 8312 CAS: 107-29-9 MW: 59.8 MOLFM: C2-H5-N-O
SYN: ACETALDEHYDE OXIME (DOT) * ACETALDOXIME * ALDOXIME * ETHANAL OXIME * ETHYLIDENEHYDROXYLAMINE * UN 2332 (DOT) * USAF AM-5

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg NTIS** AD277-689

unk-mus LD50:1150 mg/kg PCJOAU 12,227.78

STANDARDS & REGULATIONS:
★ DOT-IMO FLAMMABLE LIQUID; LABEL FLAMMABLE LIQUID CFRGBR 49,172.102.83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETALDEHYDE OXIME (DOT) see: AB2975000

AB2990000 ACETALDEHYDE, PHENOXY-
UPDT 8305 CAS: 2120-70-9 MW: 136.16 MOLFM: C8-H8-O2
SYN: CORTEX ALDEHYDE * PHENOXYACETALDEHYDE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,823.76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETALDEHYDE, PHENYL- see: CY1420000

AB3040000 ACETALDEHYDE, PHENYL-, DIMETHYL ACETAL
UPDT 8305 CAS: 101-48-4 MW: 166.24 MOLFM: C10-H14-O2
SYN: BENZENE, (2,2-DIMETHOXYETHYL)- (9CI) * ETHANE, 1,1-DIMETHOXY-2-PHENYL- * HYACYLENE P * PHENACETALDEHYDE DIMETHYL ACETAL * PHENYLACETALDEHYDE DIMETHYL ACETAL * alpha-TOLYL ALDEHYDE DIMETHYL ACETAL * VIRIDINE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3500 mg/kg FCTXAV 13,899.75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETALDEHYDE SODIUM BISULFITE see: AB3045000

AB3045000 ACETALDEHYDE SODIUM SULFITE
UPDT 8303 CAS: 918-04-7 MW: 148.12 MOLFM: C2-H5-O4-S-Na
SYN: ACETALDEHYDE SODIUM BISULFITE * AZETALDEHYDSCHWEFLIGSAUREN NATRIUMS (German) * ETHANESULFONIC ACID, 1-HYDROXY-, MONOSODIUM SALT (8CI,9CI) * SODIUM 1-HYDROXYETHANESULFONATE

TOXICITY DATA AND REFERENCES:
orl-rbt LDLo:1220 mg(SO2)/kg AHYGAJ 57,87.06

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETALDEHYDE, TETRAMER see: XF9900000
ACETALDEHYDE, TRICHLORO- (9CI) see: FM7870000
ACETALDEHYDE, TRIMER see: YK0525000
ACETAL DIETHYLIQUE (French) see: AB2800000
ACETALDOL see: ES3150000
ACETAL (DOT) see: AB2800000
ACETALDOXIME see: AB2975000
ACETALE (Italian) see: AB2800000
ACETALGIN see: AE4200000

AB4025000 ACETAMIDE
UPDT 8406 CAS: 60-35-5 MW: 59.08 MOLFM: C2-H5-N-O
SYN: ACETIC ACID AMIDE * ACETIMIDIC ACID * ETHANAMIDE * METHANECARBOXAMIDE * NCI-C02108

MUTATION DATA AND REFERENCES:
oms-mus/ast 10 ppb IDZAAW 51,53.76
otr-ham emb 1 mg/L IJCNAW 19,642.77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
21267J4 orl-rbt TDLo:1300 mg/kg (6-18D preg) ARZNAD 30,1557.80
21257J9 orl-rbt TDLo:3900 mg/kg (6-18D preg) ARZNAD 30,1557.80

TUMORIGENIC DATA AND REFERENCES:
3V01L60U01 orl-rat TDLo:431 gm/kg/1Y-C JEPTDQ 3(5-6),149.80
3V01P60P62 orl-mus TDLo:517 gm/kg/1Y-C JEPTDQ 3(5-6),149.80
2V02L60 orl-rat TD:546 gm/kg/52W-C TXAPA9 14,163.69

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7000 mg/kg JPPAA4 6,219.62
ipr-rat LD50:10300 mg/kg ARZNAD 20,1242.70
scu-rat LD50:10 gm/kg OYYAA2 4,451.70
* unk-rat LD50:2300 mg/kg ARZNAD 18,645.68
* ipr-mus LD50:1000 mg/kg JJIND8 62,911.79
scu-mus LD50:8300 mg/kg OYYAA2 4,451.70
ivn-skn LDLo:33 gm/kg ARZNAD 20,1242.70

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,197.74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, N-(ACETOXY)-N-9H-FLUOREN-2-YL- (9CI) see: AC3420000
ACETAMIDE, N-ACETYL-N-9H-FLUOREN-2-YL- (9CI) see: AC0350000

AB4230000 ACETAMIDE, N-ACETYL-N-(2-METHYL-4-((2-METHYLPHENYL)AZO)PHENYL)-
UPDT 8209 CAS: 83-63-6 MW: 309.40 MOLFM: C18-H19-N3-O2
SYN: N-ACETYL N-(2-METHYL-4-((2-METHYLPHENYL)AZO)PHENYL)ACETAMIDE * DERMACEN * DIACETAZOTOL * DIACETOTOLUIDIDE * 4'-(o-TOLYLAZO)-(8CI) * DIACETYLAMINOAZOTOLUENE * N,N-DIACETYL-o-TOLYLAZO-o-TOLUIDINE * DIAMAZO * DIMAZON * EPIDERMOL * ERYTHEMONE * GRANULIN * PELLIDOL * PELLIDOLE * ERYTHEMERMIN * 4-o-TOLYLAZO-o-DIACETOTOLUIDIDE * 4'-(o-TOLYLAZO)-o-DIACETO-o-TOLUIDIDE

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,113.75

AB4245200 ACETAMIDE, N-(4-ACETYL-2-METHYL-4-PHENYLPYRROL-3-YL)-
UPDT 8411 MW: 256.33 MOLFM: C15-H16-N2-O2

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:200 mg/kg FRPSAX 39,538.84

ACETAMIDE, N-(2-ACETYLPHENYL)- see: AD7710000

AB4310000 ACETAMIDE, N-1-ADAMANTYL-N-(2-(DIMETHYLAMINO)ETHOXY)-, HYDROCHLORIDE
UPDT 8405 CAS: 31635-40-2 MW: 316.92 MOLFM: C16-H28-N2-O2-Cl-H
SYN: N-1-ADAMANTYL N-(2-(DIMETHYLAMINO)ETHOXY)ACETAMIDE HYDROCHLORIDE * D 41 * (DIMETHYLAMINOETHOXYACETAMIDO)ADAMANTANE HYDROCHLORIDE * TROMANTADINE HYDROCHLORIDE * VIRU-MERZ

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:630 mg/kg MEIEDD 10,1395.83
* ivn-mus LD50:71 mg/kg MEIEDD 10,1395.83

ACETAMIDE, N-(4'-AMINO(1,1'-BIPHENYL)-4-YL)- see: AD8585000

AB4334000 ACETAMIDE, N-(4'-AMINO-3,3'-DIMETHOXY(1,1'-BIPHENYL)-4-YL)-
UPDT 8406 CAS: 83e90-97-5 MW: 286.36 MOLFM: C16-H18-N2-O3
SYN: N-ACETYLDIANISIDINE

MUTATION DATA AND REFERENCES:
mma-rat 10 ug/plate IGAYAY 123,18.82

AB4340000 ACETAMIDE, 2-AMINO-N-FLUOREN-2-YL-
UPDT 8401 CAS: 63019-67-0 MW: 238.27 MOLFM: C15-H14-N2-O
SYN: 2-AMINO-N-FLUOREN-2-YLACETAMIDE * 2-GLYCYLAMINOFLUORENE

TUMORIGENIC DATA AND REFERENCES:
2V03I60 orl-rat TDLo:1200 mg/kg 20W-I NATUAS 184,20,8.59

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB4381000 ACETAMIDE, N-(5-AMINO-2-(OCTYLOXY)BENZYL)-2-(DIETHYLAMINO)-, DIHYDROCHLORIDE
UPDT 8406 MW: 436.53 MOLFM: C25-H37-N3-O2-2Cl-H
SYN: 1-(4-AMINO-2-DIETHYLAMINOACETAMIDOMETHYLPHENOXY)-8-OCTANE DIHYDROCHLORIDE * N-(5-AMINO-2-(OCTYLOXY-BENZYL)-2-DIETHYLAMINOACETAMIDE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F05F12J26 ivn-mus LD50:8 mg/kg JPPMAB 14(Suppl) 48T 62

BEST COPY AVAILABLE

ACETAMIDE, N-(2-AMINO-2-OXOETHYL)-2-DIAZO- (9CI) see: AB4900000

AB4387000 ACETAMIDE, N-(5-AMINO-2-(PHENETHYLOXY)BENZYL)-2-(DIETHYLAMINO)-, DIHYDROCHLORIDE
UPDT 8406 MW: 420.45 MOLFM: C21-H29-N3-O2 2Cl-H
SYN: 1-(4-AMINO-2-DIETHYLAMINOACETAMIDOMETHYLPHENOXY)-2-PHENYLETHANE DIHYDROCHLORIDE * N-(5-AMINO-2-(PHENETHYLOXY)BENZYL)-2-(DIETHYLAMINO)ACETAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F05F12J26 scu-mus LD50:225 mg/kg JPPMAB 14(Suppl),4BT,62
3F05F12J26 ivn-mus LD50:26 mg/kg JPPMAB 14(Suppl),4BT,62

ACETAMIDE, N-(4-AMINOPHENYL)- (9CI) see: AD8225000

AB4395000 ACETAMIDE, 2-AMINO-2-PHENYL-, HYDROBROMIDE
UPDT 8307 CAS: 3763-99-8 MW: 231.13 MOLFM: C8-H10-N2-O Br-H
SYN: 2-AMINO-2-PHENYLACETAMIDE HYDROBROMIDE * alpha-AMINO-alpha-PHENYLACETAMID HYDROBROMID (German)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2840 mg/kg ARZNAD 4,598,54

ACETAMIDE, N-((4-AMINOPHENYL)SULFONYL)- (9CI) see: AC8450000

ACETAMIDE, N-(5-(AMINOSULFONYL)-3-METHYL-1,3,4-THIADIAZOL-2(3H)-YLIDENE)- (9CI) see: AC6150000

ACETAMIDE, N-(5-AMINOSULFONYL)-1,3,4-THIADIAZOL-2-YL)- see: AC8225000

ACETAMIDE, N-(5-(AMINOSULFONYL)-1,3,4-THIADIAZOL-2-YL)-, MONOSODIUM SALT (9CI) see: AC8400000

ACETAMIDE, N-(4-(((AMINOTHIOXOMETHYL)HYDRAZONO)METHYL)PHENYL)- (9CI) see: AE3850000

AB4426600 ACETAMIDE, 2-ANILINO-N,N-DIMETHYL-
UPDT 8412 CAS: 14307-89-2 MW: 178.26 MOLFM: C10-H14-N2-O
SYN: 2-ANILINO-N,N-DIMETHYLACETAMIDE * FC 28
TOXICITY DATA AND REFERENCES:
3A11F07F17 orl-mus LD50:1350 mg/kg FRPSAX 16,693,61
* ipr-mus LD50:630 mg/kg YKKZAJ 81,659,61

AB4428000 ACETAMIDE, 2-(o-ANISIDINO)-N,N-DIMETHYL-
UPDT 8410 MW: 208.29 MOLFM: C11-H16-N2-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:220 mg/kg YKKZAJ 81,659,61

AB4430000 ACETAMIDE, N-(m-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27471-58-5 MW: 465.09 MOLFM: C25-H36-N2-O4 Cl-H
SYN: N-(m-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:800 mg/kg EJMCA5 10,286,75
ivn-mus LD50:45 mg/kg EJMCA5 10,286,75

AB4440000 ACETAMIDE, N-(o-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27471-67-8 MW: 465.09 MOLFM: C25-H36-N2-O4 Cl-H
SYN: N-(o-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:350 mg/kg EJMCA5 10,286,75
ivn-mus LD50:22 mg/kg EJMCA5 10,286,75

AB4450000 ACETAMIDE, N-(p-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27468-60-6 MW: 465.09 MOLFM: C25-H36-N2-O4 Cl-H
SYN: N-(p-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg EJMCA5 10,286,75
ivn-mus LD50:60 mg/kg EJMCA5 10,286,75

AB4455000 ACETAMIDE, N-(p-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)-1-METHYL)ETHYL-, PICRATE
UPDT 8409 CAS: 27468-62-8 MW: 671.78 MOLFM: C26-H38-N2-O4 C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
orl-mus LD50:600 mg/kg EJMCA5 10,286,75
ivn-mus LD50:45 mg/kg EJMCA5 10,286,75

AB4460000 ACETAMIDE, N-(m-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(3-(DIETHYLAMINO)PROPYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27471-61-0 MW: 479.12 MOLFM: C26-H38-N2-O4 Cl-H
TOXICITY DATA AND REFERENCES:
orl-mus LD50:500 mg/kg EJMCA5 10,286,75
ivn-mus LD50:30 mg/kg EJMCA5 10,286,75

AB4470000 ACETAMIDE, N-(m-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIMETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27471-68-7 MW: 437.03 MOLFM: C23-H32-N2-O4 Cl-H
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg EJMCA5 10,286,75
ivn-mus LD50:70 mg/kg EJMCA5 10,286,75

AB4480000 ACETAMIDE, N-(o-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIMETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27585-37-1 MW: 437.03 MOLFM: C23-H32-N2-O4 Cl-H
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg EJMCA5 10,286,75
ivn-mus LD50:47 mg/kg EJMCA5 10,286,75

AB4490000 ACETAMIDE, N-(p-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIMETHYLAMINO)ETHYL)-, PICRATE
UPDT 8409 CAS: 27468-59-3 MW: 629.69 MOLFM: C23-H32-N2-O4 C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
orl-mus LD50:600 mg/kg EJMCA5 10,286,75
ivn-mus LD50:85 mg/kg EJMCA5 10,286,75

AB4500000 ACETAMIDE, N-(m-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(1-METHYL-2-PIPERIDINO)ETHYL-
UPDT 8409 CAS: 27468-58-2 MW: 454.67 MOLFM: C27-H38-N2-O4
TOXICITY DATA AND REFERENCES:
orl-mus LD50:600 mg/kg EJMCA5 10,286,75
ivn-mus LD50:12 mg/kg EJMCA5 10,286,75

AB4505000 ACETAMIDE, N-(p-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(1-METHYL-2-PIPERIDINO)ETHYL-, TARTRATE
UPDT 8409 CAS: 27468-63-9 MW: 604.77 MOLFM: C27-H38-N2-O4 C4-H6-O6
TOXICITY DATA AND REFERENCES:
orl-mus LD50:500 mg/kg EJMCA5 10,286,75
ivn-mus LD50:40 mg/kg EJMCA5 10,286,75

AB4510000 ACETAMIDE, N-(m-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(1-METHYL-2-(1-PYRROLIDINYL)ETHYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 29728-52-7 MW: 477.10 MOLFM: C26-H36-N2-O4 Cl-H
TOXICITY DATA AND REFERENCES:
orl-mus LD50:650 mg/kg EJMCA5 10,286,75
ivn-mus LD50:27 mg/kg EJMCA5 10,286,75

AB4520000 ACETAMIDE, N-(m-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-MORPHOLINOETHYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27468-57-1 MW: 479.07 MOLFM: C25-H35-N2-O5 Cl-H
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg EJMCA5 10,286,75
ivn-mus LD50:90 mg/kg EJMCA5 10,286,75

AB4530000 ACETAMIDE, N-(m-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-PIPERIDINOETHYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27468-56-0 MW: 477.10 MOLFM: C26-H36-N2-O4 Cl-H
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg EJMCA5 10,286,75
ivn-mus LD50:45 mg/kg EJMCA5 10,286,75

AB4535000 ACETAMIDE, N-(m-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(1-PYRROLIDINYL)ETHYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27468-55-9 MW: 463.07 MOLFM: C25-H34-N2-O4 Cl-H
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg EJMCA5 10,286,75
ivn-mus LD50:60 mg/kg EJMCA5 10,286,75

AB4542000 ACETAMIDE, N-(o-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(1-PYRROLIDINYL)ETHYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27585-35-9 MW: 463.07 MOLFM: C25-H34-N2-O4 Cl-H
TOXICITY DATA AND REFERENCES:
orl-mus LD50:300 mg/kg EJMCA5 10,286,75
ivn-mus LD50:25 mg/kg EJMCA5 10,286,75

AB4542050 ACETAMIDE, N-(2-ANTHRACENYL)-
UPDT 8403 MW: 235.30 MOLFM: C16-H13-N-O
SYN: 2-ACETAMIDOANTHRACENE * N-(2-ANTHRACENYL)ACETAMIDE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 118,49,83

AB4542100 ACETAMIDE, N-ANTIPYRINYL-2-(p-IODOPHENYL)-
UPDT 8303 MW: 447.30 MOLFM: C19-H18-I-N3-O2
SYN: N-ANTIPYRINYL 2-(p-IODOPHENYL)ACETAMIDE
TOXICITY DATA AND REFERENCES:
IY55 ipr-mus LD50:1359 mg/kg PCJOAU 16,51,82

AB4542200 ACETAMIDE, N-(1-(BENZENESULFONAMIDO)-2,2,2-TRICHLOROETHYL)-
UPDT 8312 MW: 345.64 MOLFM: C10-H11-Cl3-N2-O3-S
SYN: N-(1-ACETAMIDO-2,2,2-TRICHLOROETHYL)BENZENESULFONAMIDE * N-(1-(BENZENESULFONAMIDO)-2,2,2-TRICHLOROETHYL)ACETAMIDE
TOXICITY DATA AND REFERENCES:
3F17F25U26 ipr-mus LD50:500 mg/kg PCJOAU 16,899,82

AB4542300 ACETAMIDE, N-(2-BENZIMIDAZOLYL)-
UPDT 8307 CAS: 21202-05-1 MW: 175.21 MOLFM: C9-H9-N3-O
SYN: ACETAMIDE, N-1H-BENZIMIDAZOL-2-YL (9CI) * N-2-BENZIMIDAZOLYLACETAMIDE * BZ-NH-Ac
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:140 mg/kg (8-15D preg) THERAP 31,505,76
1T35 orl-rat TDLo:280 mg/kg (8-15D preg) THERAP 31,505,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, N-1H-BENZIMIDAZOL-2-YL-(9CI) see: AB4542300

AB4542470 ACETAMIDE, 2-((1,4-BENZODIOXAN-2-YLMETHYL)AMINO)-N,N-DIETHYL-
UPDT 8406 MW: 278.39 MOLFM: C15-H22-N2-O3
SYN: A 2077 * 2-((1,4-BENZODIOXAN-2-YLMETHYL)AMINO)-N,N-DIETHYLACETAMIDE * 2-(N,N-DIETHYLCARBAMYLMETHYL)-AMINOMETHYL-1,4-BENZODIOXANE
TOXICITY DATA AND REFERENCES:
2F11F12 orl-mus LD50:322 mg/kg JAPMAB 46,472,57
2F11F12 ipr-mus LD50:167 mg/kg JAPMAB 46,472,57

3-ACETAMIDE-4H-1,3-BENZOXAZIN-2-ONE see: DM3300000

AB4546300 ACETAMIDE, N-BENZYL-
UPDT 8303 CAS: 588-46-5 MW: 149.21 MOLFM: C9-H11-N-O
SYN: ACETAMIDE N-(PHENYLMETHYL)- (9CI) * N-ACETYLBENZYLAMINE * BENZYLACETAMIDE * N-BENZYLACETAMIDE
TOXICITY DATA AND REFERENCES:
3A11F17F25 scu-mus LD50:550 mg/kg AIPTAK 127,220,60

AP4546750 ACETAMIDE, N-BENZYL-2-(DIETHYLAMINO)-2-PHENYL-, MONOHYDROCHLORIDE
UPDT 8303 CAS: 33687-07-9 MW: 332.91 MOLFM: C19-H24-N2-O Cl-H
SYN: BENZENEACETAMIDE, alpha-(DIETHYLAMINO)-N-(PHENYLMETHYL)- MONOHYDROCHLORIDE (9CI) * N-BENZYL-2-(DIETHYLAMINO)-2-PHENYLACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F01J22J25 ivn-mus LD50:17610 ug/kg IJPAAO 33,86,71

AB4546910 ACETAMIDE, N-BENZYL-2-FLUORO-N-1-NAPHTHYL-
UPDT 8408 CAS: 10016-13-4 MW: 293.36 MOLFM: C19-H16-F-N-O
SYN: N-BENZYL-2-FLUORO-N-1-NAPHTHYLACETAMIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:256 mg/kg YKKZAJ 88,1620,68

AB4546970 ACETAMIDE, N-(4-BENZYLCYCLOHEXYL)-
UPDT 8409 MW: 231.37 MOLFM: C15-H21-N-O
SYN: N-(4-PHENYLMETHYLCYCLOHEXYL)ACETAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:24 mg/kg CSLNX* NX#09788

ACETAMIDE, N-(1,1'-BIPHENYL)-2-YL- (9CI) see: AE6000000

ACETAMIDE, N-(1,1'-BIPHENYL)-3-YL- (9CI) see: AE6050000

ACETAMIDE, N-(1,1'-BIPHENYL)-4-YL- (9CI) see: AE6125000

ACETAMIDE, N-(1,1'-BIPHENYL)-4-YL-N-HYDROXY- (9CI) see: AK8225000

AB4549190 ACETAMIDE, 2-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-N-ETHYL-
UPDT 8402 CAS: 40068-20-0 MW: 303.26 MOLFM: C14-H19-Cl2-N2-O
SYN: BENZENEACETAMIDE, 4-(BIS(2-CHLOROETHYL)AMINO)-N-ETHYL- * 2-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-N-ETHYLACETAMIDE * NSC 122053 * PHENAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:100 mg/kg (14D pre) STEDAM 19,771,72
3T02103T09 scu-rat TDLo:80 mg/kg (14D male) STEDAM 19,771,72
2T12T13 scu-rat TDLo:100 mg/kg (14D pre) STEDAM 19,771,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB4587000 ACETAMIDE, 2-BROMO-
UPDT 8308 CAS: 683-57-8 MW: 137.98 MOLFM: C2-H4-Br-N-O
SYN: BROMOACETAMIDE * 2-BROMOACETAMIDE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:124 mg/kg YHTPAD 16(8),54,81
* unk-rbt LD50:61 mg/kg YHTPAD 16(8),54,81

AB4592800 ACETAMIDE, N-(p-BROMOBENZYL)-2-FLUORO-
UPDT 8406 CAS: 24317-44-5 MW: 246.10 MOLFM: C9-H9-Br-F-N-O
SYN: ACETAMIDE, N-((4-BROMOPHENYL)METHYL)-2-FLUORO- (9CI) * N-(p-BROMOBENZYL)FLUOROACETAMIDE * N-(p-BROMOBENZYL)-2-FLUOROACETAMIDE * FABB * MONOFLUOROACETIC ACID p-BROMOBENZYLAMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:410 mg/kg YAKUD5 21,2023,79
* orl-mus LD50:410 mg/kg OYYAA2 2,76,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, N-((4-BROMOPHENYL)METHYL)-2-FLUORO- (9CI) see: AB4592800

AB4750000 ACETAMIDE, 2-(p-BUTOXYANILINO)-N,N-DIMETHYL-
UPDT 8410 MW: 250.38 MOLFM: C14-H22-N2-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg YKKZAJ 81,659,61

ACETAMIDE, N-(BUTOXYMETHYL)-2-CHLORO-N-(2,6-DIETHYLPHENYL)- (9CI) see: AE1200000

BEST COPY AVAILABLE

AB4785000 ACETAMIDE, 2-(p-BUTOXYPHENOXY)-N-(2,5-DIETHOXYPHENYL)-N-(2-(DIETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT 8408 CAS: 27471-60-9 MW: 523.18 MOLFM: C28-H42-N2-O5 Cl-H
SYN: ACETANILIDE 2-(P BUTOXYPHENOXY) N-(2 (DIETHYLAMINO)ETHYL) 2,5 DIETHOXY MONOHYDROCHLORIDE * ANP 3548 * CHLORHYDRATE de N (DIETHOXY 2,5 PHENYL) 2(DIETHYLAMINO 2 ETHYL BUTOXY 4 PHENOXY)ACETAMIDE * ETHYLEMEDIAMINE N N DIETHYL 04 (2,5-DIETHOXYPHENYL) N (4-BUTOXYPHENOXYACETYL) - HCl * FENOXEDRI * FENOXEDRIL HYDROCHLORIDE * SUPLEXEDRI

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2400 mg/kg	EJMCA5 10,291,75
ipr-rat LD50:175 mg/kg	EJMCA5 10,291,75
scu-rat LD50:2065 mg/kg	EJMCA5 10,291,75
ivn-rat LD50:10 mg/kg	EJMCA5 10,291,75
orl-mus LD50:750 mg/kg	EJMCA5 10,286,75
ipr-mus LD50:82 mg/kg	EJMCA5 10,291,75
scu-mus LD50:341 mg/kg	EJMCA5 10,291,75
* ivn-mus LD50:17 mg/kg	USXXAM #381P021
orl-rbt LD50:815 mg/kg	EJMCA5 10,291,75

AB4790000 ACETAMIDE, 2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-N-(2,4-DIMETHOXYPHENYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27468-68-0 MW: 495.12 MOLFM: C26-H38-N2-O5 Cl-H

TOXICITY DATA AND REFERENCES:

orl-mus LD50:400 mg/kg	EJMCA5 10,286,75
ivn-mus LD50:40 mg/kg	EJMCA5 10,286,75

AB4795000 ACETAMIDE, 2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-N-(2,5-DIMETHOXYPHENYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27468-66-2 MW: 495.12 MOLFM: C26-H38-N2-O5 Cl-H

TOXICITY DATA AND REFERENCES:

orl-mus LD50:400 mg/kg	EJMCA5 10,286,75
ivn-mus LD50:25 mg/kg	EJMCA5 10,286,75

AB4800000 ACETAMIDE, 2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-N-(3,4-DIMETHOXYPHENYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27468-65-1 MW: 495.12 MOLFM: C26-H38-N2-O5 Cl-H

TOXICITY DATA AND REFERENCES:

orl-mus LD50:950 mg/kg	EJMCA5 10,286,75
ivn-mus LD50:47 mg/kg	EJMCA5 10,286,75

AB4820000 ACETAMIDE, 2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-N-(3,4,5-TRIMETHOXYPHENYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27468-67-3 MW: 525.15 MOLFM: C27-H40-N2-O6 Cl-H

TOXICITY DATA AND REFERENCES:

orl-mus LD50:600 mg/kg	EJMCA5 10,286,75
ivn-mus LD50:30 mg/kg	EJMCA5 10,286,75

AB4835000 ACETAMIDE, 2-(p-BUTOXYPHENOXY)-N-(2-(DIMETHYLAMINO)ETHYL)-N-(m-ETHOXYPHENYL)-, HYDROCHLORIDE
UPDT 8409 CAS: 27468-68-4 MW: 451.06 MOLFM: C24-H34-N2-O4 Cl-H

TOXICITY DATA AND REFERENCES:

orl-mus LD50:780 mg/kg	EJMCA5 10,286,75
ivn-mus LD50:65 mg/kg	EJMCA5 10,286,75

ACETAMIDE, p-(2-BUTOXYPHENYL)- (9CI) see: AD9700000

AB4838500 ACETAMIDE, N-(8-BUTOXY-5-QUINOLYL)-2-(DIETHYLAMINO)-, DIHYDROCHLORIDE
UPDT 8310 CAS: 19655-31-3 MW: 402.41 MOLFM: C19-H27-N3-O2 2Cl-H
SYN: N-(8-BUTOXY-5-QUINOLYL)-2-(DIETHYLAMINO)ACETAMIDE DIHYDROCHLORIDE * T 1137

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:170 mg/kg	APFRAD 25,487,87

AB4838700 ACETAMIDE, N-(8-BUTOXY-5-QUINOLYL)-2-(ISOPROPYLAMINO)-, DIHYDROCHLORIDE
UPDT 8303 CAS: 19655-45-9 MW: 388.38 MOLFM: C18-H28-N3-O2 2Cl-H
SYN: N-(8-BUTOXY-5-QUINOLYL)-2-(ISOPROPYLAMINO)ACETAMIDE DIHYDROCHLORIDE * T 1141

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:170 mg/kg	APFRAD 25,487,87

AB4843000 ACETAMIDE, 2-(BUTYLAMINO)-N-METHYL-N-(1-(2,6-XYLYLOXY)-2-PROPYL)-, HYDROCHLORIDE
UPDT 8307
SYN: 2-(BUTYLAMINO) N-METHYL N-(1-(2,6 XYLYLOXY) 2 PROPYL)ACETAMIDE HYDROCHLORIDE * C 6259

IRRITATION DATA AND REFERENCES:

eye-rbt 2% SEV	ARZNAD 9,70,59

TOXICITY DATA AND REFERENCES:

scu-mus LD50:170 mg/kg	ARZNAD 9,70,59

AB4844700 ACETAMIDE, N-BUTYL-2-(7-CHLORO-4-QUINOLYLAMINO)-, MONOHYDROCHLORIDE
UPDT 8303 MW: 328.27 MOLFM: C15-H18-Cl-N3-O Cl-H
SYN: N-BUTYL-2-(7-CHLORO-4-QUINOLYLAMINO)ACETAMIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:68 mg/kg	BCFAAI 120,308,81

AB4844710 ACETAMIDE, N-tert-BUTYL-2-(7-CHLORO-4-QUINOLYLAMINO)-, MONOHYDROCHLORIDE
UPDT 8303 MW: 328.27 MOLFM: C15-H18-Cl-N3-O Cl-H
SYN: N-tert-BUTYL-2-(7-CHLORO-4-QUINOLYLAMINO)ACETAMIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:117 mg/kg	BCFAAI 120,308,81

AB4900000 ACETAMIDE, N-(CARBAMOYLMETHYL)-2-DIAZO-
UPDT 8411 CAS: 817-99-2 MW: 142.14 MOLFM: C4-H6-N4-O2
SYN: ACETAMIDE N-(2 AMINO-2 OXOETHYL)-2-DIAZO- (9CI) * N-(CARBAMOYLMETHYL) 2 DIAZOACETAMIDE * N-DIAZOACETILGLICINA AMIDE (Italian) * DIAZOACETYLGLYCINAMIDE * N (DIAZOACETYL)GLYCINAMIDE * DIAZOACETYLGLYCINE AMIDE * N-DIAZOACETYLGLYCINE AMIDE

MUTATION DATA AND REFERENCES:

mmo-sat 10 ug/plate	AMACCQ 6,655,74
mma-sat 10 ug/plate	PNASA6 72,5135,75
dnd-rat-ipr 3700 ug/kg	BSIBAC 57,414,81
dnd-mus-ipr 1 gm/kg	GANNA2 71,251,80
dnd-mus-fbr 620 umol/L	TOLEDS 1,115,77
dns-mus-fbr 2500 umol/L	JCROD7 94,7,79
dni-mus-ast 1500 mg/kg	BCPCA6 23,289,74

TUMORIGENIC DATA AND REFERENCES:

3V01J60P61 ipr-mus TDlo:720 mg/kg/4D-I	BSIBAC 45,227,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB4946930 ACETAMIDE, N-BENZYL-2-FLUORO-N-2-NAPHTHYL-
UPDT 8408 CAS: 10016-18-7 MW: 293.36 MOLFM: C19-H16-F-N-O
SYN: N-BENZYL 2-FLUORO N-2 NAPHTHYLACETAMIDE

TOXICITY DATA AND REFERENCES:

2F25U26 orl-mus LD50:210 mg/kg	YKKZAJ 88,1620,68

AB5010000 ACETAMIDE, N-(CARVACRYLMETHYL)-2-(DIETHYLAMINO)-N-ETHYL-, HYDROCHLORIDE
UPDT 8402 MW: 340.99 MOLFM: C19-H32-N2-O Cl-H
SYN: N-(CARVACRYLMETHYL) 2-(DIETHYLAMINO) N ETHYLACETAMIDE HYDROCHLORIDE * omega DIETHYLAMINOACETYL ISOPROPYL 3 METHYL 6 N-ETHYLBENZYLAMINE (French)

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:450 mg/kg	APFRAD 23,355,65

AB5030000 ACETAMIDE, N-(CARVACRYLMETHYL)-2-(DIETHYLAMINO)-, HYDROCHLORIDE, HYDRATE
MW: 330.95 MOLFM: C17-H28-N2-O-Cl-H-H2-O
UPDT 8402
SYN: N-(CARVACRYLMETHYL) 2-(DIETHYLAMINO)ACETAMIDE HYDROCHLORIDE HYDRATE * DIETHYLAMINOACETYLCARVACRYLMETHYLAMINE CHLORHYDRATE HYDRATE (French) * 2 (DIETHYLAMINO) N (CARVACRYLMETHYL)ACETAMIDE HYDROCHLORIDE HYDRATE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:905 mg/kg	APFRAD 23,355,65

AB5060000 ACETAMIDE, N-(CARVACRYLMETHYL)-2-(DIETHYLAMINO)-N-METHYL-, HYDROCHLORIDE
UPDT 8402 MW: 326.96 MOLFM: C18-H30-N2-O-Cl-H
SYN: N-(CARVACRYLMETHYL) 2-(DIETHYLAMINO) N METHYLACETAMIDE HYDROCHLORIDE * omega DIETHYLAMINOACETYL ISOPROPYL 3 METHYL 6 N METHYLBENZYLAMINE CHLORHYDRATE (French)

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:830 mg/kg	APFRAD 23,355,65

ACETAMIDE, N-(4-(CHLOROACETYL)PHENYL)- (9CI) see: AE1050000

AB5079000 ACETAMIDE, 2-(p-CHLOROANILINO)-N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYL-
UPDT 8303 MW: 359.94 MOLFM: C20-H26-Cl-N3-O
SYN: 2-(p-CHLOROANILINO) N (2 (DIETHYLAMINO)ETHYL) 2 PHENYLACETAMIDE

TOXICITY DATA AND REFERENCES:

1F17 orl-mam LD50:813 mg/kg	FRPSAX 37,678,82

AB5079050 ACETAMIDE, 2-(m-CHLOROANILINO)-N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYL-, MALEATE
UPDT 8303 MW: 476.02 MOLFM: C20-H26-Cl-N3-O C4-H4-O4
SYN: 2-(m-CHLOROANILINO) N (2 (DIETHYLAMINO)ETHYL) 2 PHENYLACETAMIDE MALEATE

TOXICITY DATA AND REFERENCES:

1F17 orl-mam LD50:1413 mg/kg	FRPSAX 37,678,82

AB5079060 ACETAMIDE, 2-(p-CHLOROANILINO)-N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYL-, MALEATE
UPDT 8303 MW: 476.02 MOLFM: C20-H26-Cl-N3-O C4-H4-O4
SYN: 2-(p-CHLOROANILINO) N (2 (DIETHYLAMINO)ETHYL) 2 PHENYLACETAMIDE MALEATE

TOXICITY DATA AND REFERENCES:

1F29 orl-mam LD50:1230 mg/kg	FRPSAX 37,678,82

AB5079200 ACETAMIDE, 2-(p-CHLOROANILINO)-N,N-DIMETHYL-
UPDT 8410 MW: 317.90 MOLFM: C10-H13-Cl-N2-O

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:470 mg/kg	YKKZAJ 81,659,61

AB5079300 ACETAMIDE, 2-(p-CHLOROANILINO)-N-(2-(DIMETHYLAMINO)ETHYL)-2-PHENYL-
UPDT 8303 MW: 331.88 MOLFM: C18-H22-Cl-N3-O
SYN: 2-(p-CHLOROANILINO) N (2 (DIMETHYLAMINO)ETHYL) 2 PHENYLACETAMIDE

TOXICITY DATA AND REFERENCES:

3F17F29V55 orl-mam LD50:1230 mg/kg	FRPSAX 37,678,82

AB5089200 ACETAMIDE, N-(o-CHLOROBENZYL)-2-(DIETHYLAMINO)-2-PHENYL-, MONOHYDROCHLORIDE
UPDT 8303 CAS: 23887-09-1 MW: 367.35 MOLFM: C19-H23-Cl-N2-O Cl-H
SYN: BENZENEACETAMIDE N-((2-CHLOROPHENYL)METHYL)-alpha-(DIETHYLAMINO)- MONOHYDROCHLORIDE (9CI) * N-(o-CHLOROBENZYL) 2-(DIETHYLAMINO)-2 PHENYLACETAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F01J22J25 ivn-mus LD50:24750 ug/kg	IJPAAO 33,86,71

AB5089210 ACETAMIDE, N-(p-CHLOROBENZYL)-2-(DIETHYLAMINO)-2-PHENYL-, MONOHYDROCHLORIDE
UPDT 8303 CAS: 23887-08-0 MW: 367.35 MOLFM: C19-H23-Cl-N2-O Cl-H
SYN: BENZENEACETAMIDE N-((4-CHLOROPHENYL)METHYL)-alpha-(DIETHYLAMINO)- MONOHYDROCHLORIDE (9CI) * N-(p-CHLOROBENZYL) 2-(DIETHYLAMINO)-2 PHENYLACETAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F01J22J23 ivn-mus LD50:13980 ug/kg	IJPAAO 33,86,71

AB5100000 ACETAMIDE, 2-CHLORO-N-(2-CYANOETHYL)-
UPDT 8309 CAS: 17756-81-9 MW: 146.59 MOLFM: C5-H7-Cl-N2-O
SYN: CECA * 2-CHLORO-N-(2-CYANOETHYL)ACETAMIDE * N-(beta-CYANOETHYL)CHLOROACETAMIDE * N-(beta-CYANOETHYL)MONOCHLOROACETAMIDE * UDANKOR * UDONKOR * UNDOKOR

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:410 mg/kg	FMCHA2 -,C47,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB5250000 ACETAMIDE, 2-CHLORO-N,N-DIALLYL-
UPDT 8403 CAS: 93-71-0 MW: 173.66 MOLFM: C8-H12-Cl-N-O
SYN: ACETAMIDE 2-CHLORO-N,N-DI(2-PROPENYL)- (9CI) * ACETAMIDE, N,N-DIALLYL-2-CHLORO- (8CI) * ALLIDOCHLOR * ALLIDOCHLOR * CDAA * CDAAT * alpha-CHLORO-N,N-DIALLYLACETAMIDE * 2-CHLORO-N,N-DIALLYLACETAMIDE * 2-CHLORO-N,N-DI-2-PROPENYLACETAMIDE * CP 6,343 * DIALLYLCHLOROACETAMIDE * N,N-DIALLYLCHLOROACETAMIDE * N,N-DIALLYL-alpha-CHLOROACETAMIDE * N,N-DIALLYL-2-CHLOROACETAMIDE * NCI-C04035 * RADOX * RANDOX * RANTOX 1

TOXICITY DATA AND REFERENCES:

orl-rat LD50:700 mg/kg	PREVAH 10,97,65
skn-rat LD50:360 mg/kg	WRPCA2 9,119,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACETAMIDE, 2-CHLORO-N-(2,6-DIETHYLPHENYL)-N-(METHOXYMETHYL)- (9CI) see: AE1225000

ACETAMIDE, 2-((4-CHLORO-6-((2,3-DIMETHYLPHENYL)AMINO)-2-PYRIMIDINYL)THIO)-N-(2-HYDROXYETHYL)- see: AB5860000

AB5442000 ACETAMIDE, 2-CHLORO-N-(2,6-DIMETHYLPHENYL)-N-(1H-PYRAZOL-1-YLMETHYL)-
UPDT 8309 CAS: 67129-08-2 MW: 277.78 MOLFM: C14-H16-Cl-N3-O
SYN: BAS 670H * BUTISAN S * 2-CHLORO-N-(2,6-DIMETHYLPHENYL)-N-(1H-PYRAZOL-1-YLMETHYL) ACETAMIDE * METAZACHLOR

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2150 mg/kg	FMCHA2 -,C39,83

ACETAMIDE, 2-CHLORO-N-(2,6-DIMETHYLPHENYL)-N-(TETRAHYDRO-2-OXO-3-FURANYL)- see: AE1300200

ACETAMIDE, 2-CHLORO-N,N-DI-2-PROPENYL- (9CI) see: AB5250000

AB5600000 ACETAMIDE, N-(2-CHLOROETHYL)-N-NITROSO-
UPDT 8305 CAS: 64057-51-6 MW: 150.58 MOLFM: C4-H7-Cl-N2-O2
SYN: N-(beta-CHLOROETHYL)-N-NITROSOACETAMIDE * N-(2-CHLOROETHYL)-N-NITROSOACETAMIDE

MUTATION DATA AND REFERENCES:

mma-sat 1 nmol/plate	CNREAB 43,175,83
mma-sat 2 nmol/plate	CNREAB 39,1328,79
pic-esc 2 mg/L	CNREAB 39,1328,79
dnd-mus-lov 500 nmol/L	CNREAB 43,175,83

TOXICITY DATA AND REFERENCES:

dni-mus LC50:48 mg/m3/10M	NTIS **: PB158,508

ACETAMIDE, 2-CHLORO-N-(4-ETHYL-o-TOLYL)-N-(2-METHOXY-1-METHYLETHYL)- see: AN3430000

AB5700000 ACETAMIDE, N-(7-CHLORO-2-FLUORENYL)-
UPDT 8401 CAS: 5098-17-3 MW: 256.72 MOLFM: C15-H10-Cl-N-O
SYN: N-(7-CHLORO-2-FLUORENYL)ACETAMIDE * 7-CHLORO-2-FLUORENYLACETAMIDE

TUMORIGENIC DATA AND REFERENCES:

2V03J60 orl-rat TDLo:1265 mg/kg 11W-C	JNCIAM 24,149,60
2V03R60 orl-rat TD 5000 mg/kg	CNREAB 26,619,66

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:5000 mg/kg	CNREAB 26,619,66

TOXICITY DATA HAVE NOT BEEN EVALUATED

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB5750000 ACETAMIDE, N-(2-(6-CHLORO-5-METHOXY-1H-INDOL-3-YL)ETHYL)-
UPDT:8401 CAS: 63762-74-3 MW: 266.75 MOLFM: C13-H15-Cl-N2-O2
SYN: 6-CHLOROMELATONIN * N-(2-(6-CHLORO-5-METHOXY-1H-INDOL-3-YL)ETHYL)ACETAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1I29 orl-rat TDLo:4 mg/kg (1D pre) JMCMAR 22,63,79
1I29 ivn-rat TDLo:4 mg/kg (1D pre) JMCMAR 22,63,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB5760000 ACETAMIDE, N-(2-(6-CHLORO-5-METHOXY-3-INDOLYL)-1-METHYLETHYL)-
UPDT:8401 CAS: 68935-46-6 MW: 280.78 MOLFM: C14-H17-Cl-N2-O2
SYN: N-(2-(6-CHLORO-5-METHOXY-3-INDOLYL)-1-METHYLETHYL)ACETAMIDE * 6-CHLORO-5-METHOXY-alpha-METHYLMELATONIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1I29 orl-rat TDLo:27 mg/kg (1D pre) JMCMAR 22,63,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB5776000 ACETAMIDE, 2-(p-CHLORO-N-METHYLANILINO)-N,N-DIMETHYL-
UPDT:8412 MW: 226.73 MOLFM: C11-H15-Cl-N2-O

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:310 mg/kg YKKZAJ 81,659,61
ACETAMIDE, 2-CHLORO-N-(1-METHYLETHYL)-N-PHENYL- see: AE1575000
ACETAMIDE, 2-CHLORO-N-(1-METHYL-2-PROPYNYL)-N-PHENYL- (9CI) see: AE1140000

AB5820500 ACETAMIDE, 2-CHLORO-N-(4-((4-NITROPHENYL)THIO)PHENYL)-
UPDT:8311 CAS: 52292-40-1 MW: 322.78 MOLFM: C14-H11-Cl-N2-O3-S
SYN: (CHLORACETAMIDO-4'-PHENYLTHIO)-4-NITROBENZENE (French) * 2-CHLORO-N-(4-((4-NITROPHENYL)THIO)PHENYL)ACETAMIDE

TOXICITY DATA AND REFERENCES:
3A11F07Y55 ipr-mus LD50:2000 mg/kg EJMCA5 13,93,78
3A11F07Y55 stu-mus LD50:2000 mg/kg EJMCA5 13,93,78

AB5822700 ACETAMIDE, 2-(p-CHLOROPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)- compd. with 4-BUTYL-1,2-DIPHENYL- 3,5-PYRAZOLIDINEDIONE (1:1)
UPDT:8408 CAS: 17449-96-6 MW: 593.23 MOLFM: C14-H21-Cl-N2-O2 C19-H20-N2-O2
SYN: CLOFEXAMIDE PHENYLBUTAZONE * CLOFEXAMIDE PHENYLBUTAZONE MIXT * CLOFEZON * CLOFEZONE * PERCLUSON * PERCLUSONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-rat TDLo:3 gm/kg (30D male) OYYAA2 18,213,79
2126134 orl-rat TDLo:1920 mg/kg (8-15D preg) OYYAA2 18,235,79
1T31 orl-rat TDLo:1280 mg/kg (8-15D preg) OYYAA2 18,235,79
1T25 orl-rat TDLo:640 mg/kg (8-15D preg) OYYAA2 18,235,79
1T13 orl-rat TDLo:9 gm/kg (30D pre) OYYAA2 18,213,79
1T35 orl-mus TDLo:1600 mg/kg (7-14D preg) OYYAA2 18,235,79

TOXICITY DATA AND REFERENCES:
1Y55 orl-rat LD50:1950 mg/kg OYYAA2 15,41,78
* ipr-rat LD50:1560 mg/kg NIIRDN 6,237,82
orl-mus LD50:2000 mg/kg CHTPBA 3,53,68
* ipr-mus LD50:1650 mg/kg NIIRDN 6,237,82
orl-rbt LD50:390 mg/kg CHTPBA 3,53,68
orl-gpg LD50:720 mg/kg CHTPBA 3,53,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB5824220 ACETAMIDE, N-(2-(p-CHLOROPHENOXY)-1,2-DIMETHYLPROPYL)-
UPDT:8402 MW: 255.77 MOLFM: C13-H18-Cl-N-O2
SYN: 1-ACETIL-3-(4-CLOROFENOSSI)-3-METILISOBUTILAMMINA (Italian) * N-(2-(p-CHLOROPHENOXY)-1,2-DIMETHYLPROPYL)ACETAMIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg FRPSAX 38,664,83

AB5827000 ACETAMIDE, N-(2-(p-CHLOROPHENOXY)-2-METHYLPROPYL)-
UPDT:8402 MW: 241.74 MOLFM: C12-H16-Cl-N-O2
SYN: 1-ACETIL-2-(4-CLOROFENOSSI)-2-METILPROPILAMMINA (Italian) * N-(2-(p-CHLOROPHENOXY)-2-METHYLPROPYL)ACETAMIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg FRPSAX 38,664,83
ACETAMIDE, N-(4-CHLOROPHENYL)- see: AE1001000
ACETAMIDE, 2-CHLORO-N-PHENYL- (9CI) see: AE1000000

AB5835700 ACETAMIDE, 2-(m-CHLOROPHENYL)-N-(2-(DIMETHYLAMINO)ETHYL)-2-PHENYL-
UPDT:8303 MW: 331.88 MOLFM: C18-H22-Cl-N3-O
SYN: 2-(m-CHLOROPHENYL)-N-(2-(DIMETHYLAMINO)ETHYL)-2-PHENYLACETAMIDE

TOXICITY DATA AND REFERENCES:
1F17 orl-mam LD50:1862 mg/kg FRPSAX 37,678,82
ACETAMIDE, 2-((1-(4-CHLOROPHENYL)-1H-IMIDAZOL-2-YL)THIO)-N-((ETHYLAMINO)CARBONYL)- see: Y56415000
ACETAMIDE, 2-((1-(4-CHLOROPHENYL)-1H-IMIDAZOL-2-YL)THIO)-N-((METHYLAMINO)CARBONYL)- see: Y56416000

AB5836500 ACETAMIDE, 2-((6-CHLORO-3-PYRIDAZINYL)THIO)-N,N-DIETHYL-
UPDT:8407 CAS: 1830-32-6 MW: 259.78 MOLFM: C10-H14-Cl-N3-O-S
SYN: AZINTAMIDE * AZINTHIAMIDE * BILIPURUM * BILORAL * (3-CHLORO-PYRIDAZINYL-(6)-THIO)-ACETIC ACID DIETHYLAMIDE * 2-((6-CHLORO-3-PYRIDAZINYL)THIO)-N,N-DIETHYLACETAMIDE * (3-CHLOR PYRIDAZINYL-(6)-THIO)-ESSIGSAEUREDIAETHYLAMID (German) * COLERIN * N,N-DIETHYL 2-((3-CHLORO(PYRIDAZINYL))MERCAPTO)ACETAMIDE * N,N-DIETHYL 2-((3-CHLOROPYRIDAZINYL)THIO)ACETAMIDE * ORAGAL * ORAGALIN * ORAGALLIN * ORAGALLIN PURUM * ST 9067 (German)

TOXICITY DATA AND REFERENCES:
1L10 orl-rat LD50:1550 mg/kg ARZNAD 14,266,64
1L10 orl-mus LD50:2340 mg/kg ARZNAD 14,266,64

AB5837700 ACETAMIDE, 2-(7-CHLORO-4-QUINOLYLAMINO)-N-sec-BUTYL-, MONOHYDROCHLORIDE
UPDT:8303 MW: 320.27 MOLFM: C15-H18-Cl-N3-O Cl-H
SYN: 2-(7-CHLORO-4-QUINOLYLAMINO)-N-sec-BUTYLACETAMIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:178 mg/kg BCFAAI 120,308,81

AB5837800 ACETAMIDE, 2-(7-CHLORO-4-QUINOLYLAMINO)-N,N-DIETHYL-
UPDT:8303 MW: 291.81 MOLFM: C15-H18-Cl-N3-O
SYN: 2-(7-CHLORO-4-QUINOLYLAMINO)-N,N-DIETHYLACETAMIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:45 mg/kg BCFAAI 120,308,81

AB5837850 ACETAMIDE, 2-(7-CHLORO-4-QUINOLYLAMINO)-N,N-DIPROPYL-
UPDT:8303 MW: 319.87 MOLFM: C17-H22-Cl-N3-O
SYN: 2-(7-CHLORO-4-QUINOLYLAMINO)-N,N-DIPROPYLACETAMIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1072 mg/kg BCFAAI 120,308,81

AB5839000 ACETAMIDE, 2-CHLORO-N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-10-(METHYLTHIO)-9-OXOBENZO(a) HEPTALEN-7-YL)-, (S)-
UPDT:8408 CAS: 38479-08-2 MW: 449.98 MOLFM: C22-H24-Cl-N-O5-S
SYN: 7-CHLORO-10-DEMETHOXY-10-METHYLTHIOCOLCHICINE

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:1007 ug/kg JMCMAR 24,636,81

AB5840500 ACETAMIDE, 2-(5-CHLORO-o-TOLUIDINO)-N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYL-, MALEATE
UPDT:8303 MW: 490.05 MOLFM: C21-H28-Cl-N3-O C4-H4-O4
SYN: 2-(5-CHLORO-o-TOLUIDINO)-N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYLACETAMIDE MALEATE

TOXICITY DATA AND REFERENCES:
1F17 orl-mam LD50:1413 mg/kg FRPSAX 37,678,82

AB5840600 ACETAMIDE, 2-(5-CHLORO-o-TOLUIDINO)-N-(2-(DIMETHYLAMINO)ETHYL)-2-PHENYL-, MALEATE
UPDT:8303 MW: 461.90 MOLFM: C19-H24-Cl-N3-O C4-H4-O4
SYN: 2-(5-CHLORO-o-TOLUIDINO)-N-(2-(DIMETHYLAMINO)ETHYL)-2-PHENYLACETAMIDE MALEATE

TOXICITY DATA AND REFERENCES:
1F17 orl-mam LD50:2000 mg/kg FRPSAX 37,678,82

AB5860000 ACETAMIDE, 2-((4-CHLORO-6-(2,3-XYLIDINO)-2-PYRIMIDINYL)THIO)-N-(2-HYDROXYETHYL)-
UPDT:8311 CAS: 65089-17-0 MW: 366.90 MOLFM: C16-H19-Cl-N4-O2-S
SYN: ACETAMIDE, 2-((4-CHLORO-6-((2,3-DIMETHYLPHENYL)AMINO)-2-PYRIMIDINYL)THIO)-N-(2-HYDROXYETHYL)- * 2-((4-CHLORO-6-(2,3-XYLIDINO)-2-PYRIMIDINYL)THIO)-N-(2-HYDROXYETHYL)ACETAMIDE * BR-931 * PIRINIXIL

MUTATION DATA AND REFERENCES:
dni-mus-oth 25 umol/L CNREA8 40,36,80

TUMORIGENIC DATA AND REFERENCES:
3V01L60Y16 orl-rat TDLo:17 gm/kg/81W-C NATUAS 283,397,80
2V01L60 orl-mus TDLo:137 gm/kg/81W-C NATUAS 283,397,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB5951000 ACETAMIDE, N-(alpha-CYANOBENZYL)-2-(DIETHYLAMINO)-
UPDT:8411 MW: 245.36 MOLFM: C14-H19-N3-O

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:220 mg/kg YKKZAJ 76,1175,56

AB5951500 ACETAMIDE, N-(alpha-CYANOBENZYL)-2-(DIMETHYLAMINO)-
UPDT:8411 MW: 217.30 MOLFM: C12-H15-N3-O

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:260 mg/kg YKKZAJ 76,1175,56

AB5957000 ACETAMIDE, 2-CYANO-N-((ETHYLAMINO)CARBONYL)-2-(METHOXYIMINO)-
UPDT:8309 CAS: 57966-95-7 MW: 198.21 MOLFM: C7-H10-N4-O3
SYN: CURZATE * 2-CYANO-N-((ETHYLAMINO)CARBONYL)-2-(METHOXYIMINO)-ACETAMIDE * CYMOXANIL * DPX 3217 * DPX 3217M

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1100 mg/kg FMCHA2 -,C66,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETAMIDE, N-(4-CYANOPHENYL)- see: AE1846000

AB5965410 ACETAMIDE, N,N'-(1,4-CYCLOHEXYLENEDIMETHYLENE)BIS(2-BROMO-
UPDT:8306 CAS: 10328-58-2 MW: 384.16 MOLFM: C12-H20-Br2-N2-O2
SYN: N,N'-(1,4-CYCLOHEXYLENEDIMETHYLENE)BIS(2-BROMOACETAMIDE)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:70 mg/kg JMCMAR 10,120,67

AB5965600 ACETAMIDE, N-(4-CYCLOHEXYLMETHYL-1-CYCLOHEXYL)-
UPDT:8307 MW: 237.43 MOLFM: C15-H27-N-O
SYN: CYCLOHEXYLAMINE N-ACETYL-4-CYCLOHEXYLMETHYL * N-(4-(CYCLOHEXYLMETHYL)CYCLOHEXYL)ACETAMIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#09990

AB6050000 ACETAMIDE, N-(1,1a,3,3a,4,5,5,5a,5b,6-DECACHLOROOCTAHYDRO-2-HYDROXY-1,3,4-METHENO- 1H-CYCLOBUTA(cd)PENTALEN-2-YL)-
UPDT:8309 CAS: 4715-23-5 MW: 549.68 MOLFM: C12-H5-Cl10-N-O2
SYN: ENT 27,040 * HOOKER HRS-1362 * HRS-1362

TOXICITY DATA AND REFERENCES:
orl-rat LD50:140 mg/kg ARSIM* 20,13,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB6060000 ACETAMIDE, N-DECYL-
UPDT:8307 CAS: 16423-52-2 MW: 199.38 MOLFM: C12-H25-N-O
SYN: N-DECYLACETAMIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#09643
ACETAMIDE, N,N-DIALLYL-2-CHLORO- (8CI) see: AB5250000

AB6100000 ACETAMIDE, N-3-DIBENZOFURANYL-
UPDT:8401 CAS: 5834-25-3 MW: 225.76 MOLFM: C14-H11-N-O2
SYN: 3-ACETAMIDODIBENZFURANE * 3-ACETAMIDODIBENZOFURAN * 3-ACETYLAMINODIBENZOFURAN * DIBENZOFURAN, 3-ACETAMIDO- (8CI) * 3-DIBENZOFURANYLACETAMIDE * N-3-DIBENZOFURANYLACETAMIDE

TUMORIGENIC DATA AND REFERENCES:
3V03D45R60 orl-rat TDLo:4496 mg/kg/35W-C CNREA8 9,504,49

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB6200000 ACETAMIDE, N-2-DIBENZOTHIENYL-
UPDT:8401 CAS: 54818-88-1 MW: 241.32 MOLFM: C14-H11-N-O-S
SYN: 2-ACETYLAMINODIBENZOTHIOPHENE * N-2-DIBENZOTHIENYLACETAMIDE

TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:4680 mg/kg/32W-C CNREA8 15,188,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB6202000 ACETAMIDE, N-3-DIBENZOTHIENYL-
UPDT:8401 CAS: 64057-32-9 MW: 241.32 MOLFM: C14-H11-N-O-S
SYN: 3-ACETAMIDODIBENZTHIOPHENE * 3-ACETAMINODIBENZOTHIOPHENE * 3-ACETYLAMINODIBENZOTHIOPHENE * N-3-DIBENZOTHIENYLACETAMIDE

TUMORIGENIC DATA AND REFERENCES:
3V03D45R60 orl-rat TDLo:4739 mg/kg/35W-C CNREA8 9,504,49

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1195 mg/kg JPETAB 99,450,50

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB6220000 ACETAMIDE, N-3-DIBENZOTHIENYL-, 5-OXIDE
UPDT:8401 CAS: 63020-21-3 MW: 257.32 MOLFM: C14-H11-N-O2-S
SYN: 3-ACETAMIDODIBENZTHIOPHENE OXIDE * 3-ACETYLAMINODIBENZOTHIOPHENE 5-OXIDE * N-3-DIBENZOTHIENYLACETAMIDE 5-OXIDE

TUMORIGENIC DATA AND REFERENCES:
3V03D45R60 orl-rat TDLo:5103 mg/kg/35W-C CNREA8 9,504,49

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB6251000 ACETAMIDE, 2,2-DIBROMO-N-(PHENYLSULFONYL)-
UPDT:8406 CAS: 36965-36-3 MW: 357.04 MOLFM: C8-H7-Br2-N-O3-S
SYN: DABS * N-DIBROMOACETYLBENZOESULPHONIAMIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg RPTOAN 42,32,79
ipr-mus LDLo:700 mg/kg KHFZAN 13(1),32,79

AB6365000 ACETAMIDE, 2-DIBUTYLAMINO-2-(p-METHOXYPHENYL)-
UPDT:8406 CAS: 519-88-0 MW: 292.47 MOLFM: C17-H28-N2-O2
SYN: A 16 * AMBUCETAMID * AMBUCETAMIDE * alpha-DIBUTYLAMINO alpha-(p-METHOXYPHENYL)-ACETAMIDE * BENZENEACETAMIDE, alpha-(DIBUTYLAMINO)-4-METHOXY- (9CI) * BERSEN * DIBUTAMID (German) * DIBUTAMIDE * alpha-DIBUTYLAMINO-4-METHOXYBENZENEACETAMIDE (9CI) * alpha-DIBUTYLAMINO-p-METHOXYPHENYLACETAMIDE * 2-DIBUTYLAMINO-2-(p-METHOXYPHENYL)ACETAMIDE * MERITIN * alpha-p-METHOXYPHENYL-alpha-DI-n-BUTYLAMINOACETAMIDE * R 5

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:61 mg/kg ARZNAD 11,929,61

BEST COPY AVAILABLE

*	orl-mus LD50:813 mg/kg	JAPMA8 46,564,57
*	ipr-mus LD50:92 mg/kg	JAPMA8 46,564,57
*	ivn-mus LD50:62200 ug/kg	JAPMA8 46,564,57

AB6380000 ACETAMIDE, 2-(DIBUTYLAMINO)-2-PHENYL-, HYDROCHLORIDE
UPDT 8307 CAS: 73664-38-7 MW: 298.90 MOLFM: C16-H26-N2-O Cl-H
SYN: 2-(DIBUTYLAMINO)-2-PHENYLACETAMIDE HYDROCHLORIDE * alpha-(DIBUTYLAMINO)-PHENYLACETAMID HYDROCHLORID (German)

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:570 mg/kg	ARZNAF 4,598,54

AB6450000 ACETAMIDE, 2-(1,2-DICARBAUNDECABORAN(11)-1-YL)-N,N-DIETHYL-, POTASSIUM SALT
UPDT 8307 MW: 285.71 MOLFM: C8-H23-B9-N-O-K
SYN: 2-(1,2-DICARBAUNDECABORAN(11)-1-YL)-N,N-DIETHYLACETAMIDE POTASSIUM SALT

TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:200 mg/kg	PCJOAU 10,50,76

AB6551000 ACETAMIDE, 2,2-DICHLORO-N-(2,4-DICHLOROBENZYL)-N-(2-HYDROXYETHYL)-
UPDT 8312 CAS: 97-27-8 MW: 331.03 MOLFM: C11-H11-Cl4-N-O2
SYN: ACETAMIDE, 2,2-DICHLORO-N-((2,4-DICHLOROPHENYL)METHYL)-N-(2-HYDROXYETHYL)- (9CI) * CHLORBETAMIDE * CLORBETAMIDA * DIANIL * N-(2,4-DICHLOROBENZYL)-N-(2-HYDROXYETHYL)DICHLOROACETAMIDE * 2,2-DICHLORO-N-(2,4-DICHLOROBENZYL)-N-(2-HYDROXYETHYL)ACETAMIDE * MANTOMIDE * M & B 3844 * PONTALIN * WIN 5047

TOXICITY DATA AND REFERENCES:

3F07J25J26	orl-mus LDLo:16 gm/kg	ANTCAO 4,554,54

ACETAMIDE, 2,2-DICHLORO-N-((2,4-DICHLOROPHENYL)METHYL)-N-(2-HYDROXYETHYL)- (9CI) see: AB6551000

AB6680000 ACETAMIDE, 2,2-DICHLORO-N-(beta-HYDROXY-alpha-(HYDROXYMETHYL)-p-(METHYLSULFONYL)PHENETHYL)-, D-threo-(+)-
UPDT 8307 CAS: 15318-45-3 MW: 356.24 MOLFM: C12-H15-Cl2-N-O5-S
SYN: 3065 C.B. * DEXTROSULPHENIDOL * METHYLSULFONYLCHLORAMPHENICOL * TAP * THIAMPHENICOL * THIOCYMETIN * THIOPHENICOL * WIN-5063-2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T34T35	orl-rat TDLo:300 mg/kg (9-14D preg)	OYYAA2 7,41,73
1T46	orl-rat TDLo:150 mg/kg (9-14D preg)	OYYAA2 7,41,73
2T25T26	ipr-rat TDLo:400 mg/kg (1-7D preg)	FESTAS 21,431,70
1T39	scu-rat TDLo:400 mg/kg (10-11D preg)	TJADAB 18,93,78
2T34T46	orl-mus TDLo:2400 mg/kg (7-12D preg)	OYYAA2 7,41,73
2T25T35	orl-mus TDLo:6 gm/kg (7-12D preg)	OYYAA2 7,41,73

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:7 gm/kg	OYYAA2 3,390,69
	ipr-rat LD50:5 gm/kg	OYYAA2 3,390,69
	scu-rat LD50:4 gm/kg	OYYAA2 3,390,69
	ivn-rat LD50:339 mg/kg	OYYAA2 3,390,69
	orl-mus LD50:7 gm/kg	OYYAA2 3,390,69
	ipr-mus LD50:5 gm/kg	OYYAA2 3,390,69
	scu-mus LD50:4190 mg/kg	OYYAA2 3,390,69
	ivn-mus LD50:368 mg/kg	OYYAA2 3,390,69

STATUS:
MEET: CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB6825000 ACETAMIDE, 2,2-DICHLORO-N-(beta-HYDROXY-alpha-(HYDROXYMETHYL)-p-NITROPHENETHYL)-, D-(-)-threo-
UPDT 8405 CAS: 56-75-7 MW: 323.14 MOLFM: C11-H12-Cl2-N2-O5
SYN: ACETAMIDE, 2,2-DICHLORO-N-(2-HYDROXY-1-(HYDROXYMETHYL)-2-(4-NITROPHENYL)ETHYL)-, (R-(R*,R*))- * ALFICETYN * AMBOFEN * AMPHENICOL * AMPHICOL * AMSECLOR * AQUAMYCETIN * AUSTRACIL * AUSTRACOL * BIOCETIN * BIOPHENICOL * CAF * CAM * CAP * CATILAN * CHEMICETIN * CHEMICETINA * CHLOMIN * CHLOMYCOL * CHLORAMEX * CHLORAMPHENICOL * D-CHLORAMPHENICOL * D-threo-CHLORAMPHENICOL * D-(-)-threo-CHLORAMPHENICOL * CHLORAMSAAR * CHLORASOL * CHLORA-TABS * CHLORICOL * CHLOROAMPHENICOL * CHLOROCAPS * CHLOROCID * CHLOROCIDE * CHLOROCIDIN C * CHLOROCIDIN C TETRAN * CHLOROCOL * CHLOROMYCETIN * CHLOBONITRO * CHLORYCETIC * CHLORO 25 VETAG * CIDOCETINE * CIPLAMYCETIN * CLORAMFC * CLORAMICOL * CLORAMIDINA * CLOROAMFENICOLO (Italian) * CLOROCYN * CLOROMISAN * CLOROSINTEX * COMYCETIN * CPH * CYLPHENICOL * DESPHEN * DETREOMYCINE * DEXTROMYCETIN * D-(-)-threo-2-DICHLOROACETAMIDO-1-p-NITROPHENYL-1,3-PROPANEDIOL * D-threo-N-DICHLOROACETYL-1-p-NITROPHENYL-2-AMINO-1,3-PROPANEDIOL * D-(-)-threo-2,2-DICHLORO-N-(beta-HYDROXY-alpha-(HYDROXYMETHYL))-p-NITROPHENETHYLACETAMIDE * D-threo-N-(1,1-DIHYDROXY-1-p-NITROPHENYLISOPROPYL)DICHLOROACETAMIDE * DOCTAMICINA * ECONOCHLOR * EMBACETIN * EMETREN * ENICOL * ENTEROMYCETIN * EPBAPLAST * ERTILEN * FARMICETINA * FENICOL * GLOBENICOL * GLOROUS * HALOMYCETIN * HORTFENICOL * I 337A * INTRAMYCETIN * ISICETIN * ISMICETINA * ISOPHENICOL * ISOPTO FENICOL * JUVAMYCETIN * KAMAVER * KEMICETINA * KEMICETINE * KLORITA * KLOROCID S * LEUKOMYAN * LEUKOMYCIN * LEVOMICETINA * LEVOMYCETIN * LOROMISAN * LOROMISIN * MASTIPHEN * MEDIAMYCETINE * MICLORETIN * MICOCHLORINE * MICOCLORINA * MICROCETINA * MYCHEL * MYCINOL * NCI-C55709 * D-(-)-threo-1-p-NITROPHENYL-2-DICHLORACETYLAMIDO-1,3-PROPANEDIOL * D-threo-1-p-NITROPHENYL-2-(DICHLOROACETYLAMINO)-1,3-PROPANEDIOL * NORMIMYCIN V * NOVOCHLOROCAP * NOVOMYCETIN * NOVOPHENICOL * NSC-3069 * OFTALENT * OLEOMYCETIN * OPCLOR * OPELOR * OPHTHOCHLOR * OPHTOCHLOR * OTACHRON * OTOPHEN * PANTOVERNIL * PARAXIN * PENTAMYCETIN * QUEMICETINA * RIVOMYCIN * ROMPHENIL * SEPTICOL * SIFICETINA * SINTOMICETINA * SINTOMICETINE B * STANOMYCETIN * SYNTHOMYCETIN * SYNTHOMYCETINE * SYNTHOMYCINE * TEVCOCIN * TEVCOSIN * TIFOMYCIN * TIFOMYCINE * TREOMICETINA * U-6062 * UNIMYCETIN * VETICOL

MUTATION DATA AND REFERENCES:

	mma-sat 30 ug/plate	EVHPAZ 21,79,77
	dnd-sat 5 mmol/L	BBRCAV 78,151,77
	mma-esc 5 mg/L	NATUAS 271,385,78
	dnr-esc 30 ug plate	EVHPAZ 21,79,77
	dnd-esc 2 mmol/L	BBRCA9 78,151,77
	dns-esc 8 mg/L	JOBAAY 77,10,59
	dni-esc 2 gm/L	JOBAAY 115,786,73
	pic-esc 1 gm/L	ZAPOAK 12,583,72
	oms-bcs 10 mg/L	MGGEAE 189,73,83
	mma-ami 10 mg/L	MUREAV 74,113,80
	mma-ami 1200 mg/L	ARMKA7 81,1,72
	mma-eug 3300 umol/L	CYTZAM 9,280,74
	cyt-grh-orl 5 mg	PISCAD 54,408,67
	cyt-hmn:leu 100 mg/L	CNREA8 33,1829,73
	cyt-hmn:lym 500 mg/L	HUMAA7 7,305,69
	bfa-rat-hla 1 gm/kg	MUREAV 4,824,67
	cyt-mus-par 50 mg/kg	CHRTBC 4,277,73
	spm-mus-ipr 500 mg/kg	FOBLAN 21,60,75
	cyt-dom-leu 500 ug/L	RVMVAH 126,1611,75
	cyt-pig-leu 50 ug/L	RVMVAH 126,1611,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T39T55	orl-rat TDLo:23 gm/kg (1-21D preg)	TJADAB 12,291,75
1T41	orl-rat TDLo:2500 mg/kg (9D preg)	AAGEAA 60(5),25,71
1T35	orl-rat TDLo:2500 mg/kg (11D preg)	AAGEAA 60(5),25,71
3T34T35T45	orl-rat TDLo:2 gm/kg (8D preg)	TXAPA9 19,667,71
1T29	ipr-rat TDLo:250 mg/kg (3D preg)	EXPAM 35,1649,79
2T25T34	scu-rat TDLo:2400 mg/kg (12-14D preg)	VHAGAS 71,623,77
3T26T34T35	scu-rat TDLo:3500 mg/kg (6-10D preg)	OSDIAF 14,107,65
2T42T53	scu-rat TDLo:3500 mg/kg (6-10D preg)	OSDIAF 14,107,65
2T33T39	ivn-rat TDLo:2 gm/kg (10-14D preg)	AEMBAP 27,291,72
1T34	orl-mus TDLo:5500 mg/kg (5-15D preg)	TXAPA9 19,667,71
2T26T46	orl-mus TDLo:7 gm/kg (6-12D preg)	TXAPA9 19,667,71
1T35	orl-mus TDLo:6 gm/kg (8-10D preg)	TXAPA9 19,667,71
1T85	orl-mus TDLo:175 mg/kg (15-21D preg)	NEPHBW 13,233,74
3T26T34T35	orl-rbt TDLo:4 gm/kg (8-11D preg)	TXAPA9 19,667,71
1T46	orl-rbt TDLo:4 gm/kg (6-9D preg)	TXAPA9 19,667,71
3T27T34T35	par-rbt TDLo:2700 mg/kg (11-19D preg)	JJANAX 23,353,70
1T22	par-rbt TDLo:2700 mg/kg (2-10D preg)	JJANAX 23,353,70

TUMORIGENIC DATA AND REFERENCES:

3V01P26P61	orl-wmn TDLo:300 mg/kg/60W-I	NEJMAG 277,1003,67
2V03P62	ipr-mus TDLo:2500 mg/kg/5W-I	CNREA8 41,3478,81
3V01P25P61	orl-wmn TD :1680 mg/kg/6W-I	NEJMAG 277,1003,67
3V01P25P61	orl-man TD :434 mg/kg/W-C	ACHAAH 66,267,81

TOXICITY DATA AND REFERENCES:

3F07K30U26	orl-ir-t TDLo:440 mg/kg	JAMAAP 234,149,75
	orl-wmn LDLo:400 mg/kg	JAMAAP 234,149,75
3L30P01P26	unk-chd TDLo:250 mg/kg/10D	CPEDAM 14,499,75
1H07	ims-inf TDLo:250 mg/kg/2D	NEJMAG 262,787,60
*	orl-rat LD50:2500 mg/kg	FRPSAX 10,3,55
	ipr-rat LD50:80 mg/kg	TXAPA9 24,37,73
1K12	scu-rat LD50:5 gm/kg	TXAPA9 9,445,66
	ivn-rat LD50:171 mg/kg	JCINAO 28,943,49
*	orl-mus LD50:2300 mg/kg	FRPSAX 10,3,55
*	ipr-mus LD50:1250 mg/kg	FRPSAX 10,3,55
*	scu-mus LD50:400 mg/kg	BSERAY 1,493,78
	ivn-mus LD50:110 mg/kg	JCINAO 28,943,49
	ivn-dog LDLo:150 mg/kg	JOBAAY 55,425,48
	ivn-rbt LD50:117 mg/kg	JCINAO 28,943,49
*	orl-gpg LD50:500 mg/kg	FRPSAX 10,3,55
*	ivn-gpg LD50:560 mg/kg	FRPSAX 9,21,54

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PLMJAP 6(1),160,75; CLANA4 10(pt 1),283,73; PCNAA8 8,413,61
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 10,85,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB6905000 ACETAMIDE, 2,2-DICHLORO-N-(beta-HYDROXY-alpha-(HYDROXYMETHYL)-p-NITROPHENETHYL)-, alpha ESTER with SODIUM SUCCINATE
UPDT 8412 CAS: 982-57-0 MW: 445.21 MOLFM: C15-H15-Cl2-N2-O8-Na
SYN: CHLORAMPHENICOL MONOSUCCINATE SODIUM SALT * CHLORAMPHENICOL SODIUM MONOSUCCINATE * CHLORAMPHENICOL SODIUM SUCCINATE * CHLORAMPHENICOL SUCCINATE SODIUM * CHLORAMPH NICOL SUCZINAT NATRIUM (German) * PROTOPHENICOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T34T43	scu-rat TDLo:6 gm/kg (11-14D preg)	DEGEA3 31,1181,76
2T25T34	ivn-rbt TDLo:1200 mg/kg (7-12D preg)	VHAGAS 71,623,77

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1400 mg/kg	NIIRDN 6,248,82
*	ivn-rat LD50:1500 mg/kg	NIIRDN 6,248,82

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, 2,2-DICHLORO-N-(2-HYDROXY-1-(HYDROXYMETHYL)-2-(4-NITROPHENYL)ETHYL)-, (R-(R*,R*))- see: AB6825000

AB6945000 ACETAMIDE, 2-(2,4-DICHLOROPHENOXY)-
UPDT 8408 CAS: 1982-42-9 MW: 220.06 MOLFM: C8-H7-Cl2-N-O2
SYN: 2,4-DA * 2,4-D AMIDE * 2-(2,4-DICHLOROPHENOXY)ACETAMIDE * 2,4-DICHLOROPHENOXYACETIC ACID AMINE SALT * 2,4-DICHLOROPHENOXYAMIDE * EMID

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1200 mg/kg	85GMAT -:47,82
*	orl-mus LD50:300 mg/kg	85GMAT -:47,82

ACETAMIDE, N-(2,6-DICHLOROPHENYL)-2-(4-METHYLPIPERAZINYL)- see: AE1970800

AB7000000 ACETAMIDE, N,N-DIETHYL-
UPDT 8402 CAS: 685-91-6 MW: 115.20 MOLFM: C6-H13-N-O
SYN: N,N-DIETHYLACETAMIDE

TUMORIGENIC DATA AND REFERENCES:

3V03M61P61	orl-rat TDLo:910 mg/kg/73W-I	JNCIAM 35,949,65

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1500 mg/kg	ARZNAD 19,1073,69
	ipr-rat LD50:1840 mg/kg	ARZNAD 20,1242,70
1F05	ivn-rat LD50:1 gm/kg	ARZNAD 28,1571,78
	ipr-mus LD50:1690 mg/kg	ARZNAD 20,1242,70
1F05	ivn-dog LD50:1 gm/kg	ARZNAD 28,1571,78
	ivn-rbt LDLo:1920 mg/kg	ARZNAD 20,1242,70
	ivn-ckn LDLo:3900 mg/kg	ARZNAD 20,1242,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, 2-(DIETHYLAMINO)-N-(2,6-DIMETHYLPHENYL)- (9CI) see: AN7525000

ACETAMIDE, 2-(DIETHYLAMINO)-N-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE (9CI) see: AN7600000

AB7058000 ACETAMIDE, 2-(DIETHYLAMINO)-N,N-DIPHENYL-
UPDT 8403 MW: 282.42 MOLFM: C18-H22-N2-O
SYN: 2-(DIETHYLAMINO)-N,N-DIPHENYLACETAMIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:290 mg/kg	JAPMA8 48,402,59

AB7063000 ACETAMIDE, 2-(DIETHYLAMINO)-N-(DIPHENYLMETHYL)-, HYDROCHLORIDE
UPDT 8312 CAS: 59960-90-6 MW: 332.91 MOLFM: C19-H24-N2-O-Cl-H
SYN: C 3209 * 2-(DIETHYLAMINO)-N-(DIPHENYLMETHYL)ACETAMIDE HYDROCHLORIDE

IRRITATION DATA AND REFERENCES:

	eye-rbt 2% MOD	ARZNAD 8,609,58

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:165 mg/kg	ARZNAD 8,609,58
	scu-mus LD50:435 mg/kg	ARZNAD 8,609,58

AB7068500 ACETAMIDE, 2-(DIETHYLAMINO)-N-(8-ETHOXY-5-QUINOLYL)-, DIHYDROCHLORIDE
UPDT 8303 CAS: 19655-27-7 MW: 374.35 MOLFM: C17-H23-N3-O2-2Cl-H
SYN: 2-(DIETHYLAMINO)-N-(8-ETHOXY-5-QUINOLYL)ACETAMIDE DIHYDROCHLORIDE * T 1072

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:170 mg/kg	APFRAD 25,487,67

AB7096000 ACETAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-2-(p-ETHOXYANILINO)-2-PHENYL-, SALICYLATE
UPDT 8303 MW: 507.59 MOLFM: C32-H37-N3-O7 (C7-H6-O3)
SYN: N-(2-(DIETHYLAMINO)ETHYL)-2-(p-ETHOXYANILINO)-2-PHENYLACETAMIDE SALICYLATE

TOXICITY DATA AND REFERENCES:

2F17F29	orl-mam LD50:537 mg/kg	FRPSAX 37,678,82

AB7233100 ACETAMIDE, 2-(DIETHYLAMINO)-N-ETHYL-N-(2,4,6-TRIMETHYLBENZYL)-, HYDROCHLORIDE
UPDT 8402 MW: 326.96 MOLFM: C18-H30-N2-O-Cl-H
SYN: omega-(DIETHYLAMINO)ACETYL-TRIMETHYL-2,4,6-N-ETHYLBENZYLAMINE HYDROCHLORATE * 2-(DIETHYLAMINO)-N-ETHYL-N-(2,4,6-TRIMETHYLBENZYL)ACETAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:430 mg/kg	APFRAD 23,355,65

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

AB7234100 ACETAMIDE, 2-(DIETHYLAMINO)-N-(1-INDANYL)-, HYDROCHLORIDE
UPDT 8312 CAS: 6514-54-1 MW: 282.85 MOLFM: C15-H22-N2-O Cl-H
SYN: 1-(N-((N,N-DIETHYLAMINO)ACETYL)AMINO)INDAN HYDROCHLORIDE * 2-(DIETHYLAMINO)-N-(1-INDANYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:67 mg/kg JMCMAR 23,184,80

AB7234120 ACETAMIDE, 2-(DIETHYLAMINO)-N-(p-ISOPROPYLBENZYL)-N-METHYL-, MONOHYDROCHLORIDE
UPDT 8305 CAS: 14474-21-6 MW: 312.93 MOLFM: C17-H28-N2-O Cl-H
SYN: omega-DIETHYLAMINOACETYL ISOPROPYL-4-N-METHYLBENZYLAMINE CHLORHYDRATE (French) * 2-(DIETHYLAMINO)-N-(p-ISOPROPYLBENZYL)-N-METHYLACETAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 mg/kg APFRAD 24,539.66

AB7234140 ACETAMIDE, 2-(DIETHYLAMINO)-N-(p-ISOPROPYLBENZYL)-, MONOHYDROCHLORIDE
UPDT 8305 CAS: 14474-20-5 MW: 298.90 MOLFM: C16-H26-N2-O Cl-H
SYN: omega-DIETHYLAMINOACETYL ISOPROPYL-4-BENZYLAMINE CHLORHYDRATE (French) * 2-(DIETHYLAMINO)-N-(p-ISOPROPYLBENZYL)ACETAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:800 mg/kg APFRAD 24,539.66

AB7234144 ACETAMIDE, 2-(DIETHYLAMINO)-N-ISOPROPYL-N-(1-(o-METHOXYPHENOXY)-2-PROPYL)-, HYDROCHLORIDE
UPDT 8307 MW: 372.99 MOLFM: C19-H32-N2-O3 Cl-H
SYN: C-2050 * 2-(DIETHYLAMINO)-N-ISOPROPYL-N-(1-(o-METHOXYPHENOXY)-2-PROPYL)ACETAMIDE HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 2% MLD ARZNAD 9,70.59
TOXICITY DATA AND REFERENCES:
scu-mus LD50:205 mg/kg ARZNAD 9,70.59

AB7234150 ACETAMIDE, 2-(DIETHYLAMINO)-N-(5-ISOPROPYL-2-METHYLBENZYL)-N-METHYL-, MONOHYDROCHLORIDE
UPDT 8305 CAS: 968-00-6 MW: 326.96 MOLFM: C18-H30-N2-O Cl-H
SYN: 2-(DIETHYLAMINO)-N-(5-ISOPROPYL-2-METHYLBENZYL)-N-METHYLACETAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:830 mg/kg APFRAD 24,539.66

AB7234160 ACETAMIDE, 2-(DIETHYLAMINO)-N-(5-ISOPROPYL-2-METHYLBENZYL)-, MONOHYDROCHLORIDE
UPDT 8305 CAS: 965-23-1 MW: 312.93 MOLFM: C17-H28-N2-O Cl-H
SYN: 2-(DIETHYLAMINO)-N-(5-ISOPROPYL-2-METHYLBENZYL)ACETAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:905 mg/kg APFRAD 24,539.66

AB7234170 ACETAMIDE, 2-(DIETHYLAMINO)-N-(5-ISOPROPYL-2-METHYLPHENETHYL)-, HYDROCHLORIDE
UPDT 8305 CAS: 14474-16-9 MW: 326.96 MOLFM: C18-H30-N2-O Cl-H
SYN: omega-DIETHYLAMINOACETYL ISOPROPYL-3-METHYL-6-beta-PHENETHYLAMINE (French) * 2-(DIETHYLAMINO)-N-(5-ISOPROPYL-2-METHYLPHENETHYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:650 mg/kg APFRAD 24,539.66

AB7234900 ACETAMIDE, 2-(DIETHYLAMINO)-N-(o-METHYLBENZYL)-2-PHENYL-, MONOHYDROCHLORIDE
UPDT 8303 CAS: 35346-74-8 MW: 346.94 MOLFM: C20-H26-N2-O Cl-H
SYN: BENZENEACETAMIDE, alpha-(DIETHYLAMINO)-N-((2-METHYLPHENYL)METHYL)-, MONOHYDROCHLORIDE (9CI) * 2-(DIETHYLAMINO)-N-(o-METHYLBENZYL)-2-PHENYLACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F01J22J25 ivn-mus LD50:34210 ug/kg IJPAAO 33,86,71

AB7237200 ACETAMIDE, 2-(DIETHYLAMINO)-N-(2-METHYL-1,2-DICARBADODECABORAN(12)-1-YL)-
UPDT 8303 MW: 286.47 MOLFM: C9-H26-B10-N2-O
SYN: o-DICARBADODECABORANE, 2-(DIETHYLAMINO(ACETAMIDO))-1-METHYL- * 2-(DIETHYLAMINOACETAMIDO)-1-METHYL-o-DICARBADODECABORANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:200 mg/kg PCJOAU 10,50.76

AB7238000 ACETAMIDE, 2-(DIETHYLAMINO)-N-METHYL-N-(2-MESITYLOXYETHYL)-, HYDROCHLORIDE
UPDT 8303 MW: 342.96 MOLFM: C18-H30-N2-O2 Cl-H
SYN: C-2060 * 2-(DIETHYLAMINO)-N-METHYL-N-(2-MESITYLOXYETHYL)ACETAMIDE HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 2% MLD ARZNAD 8,761.58
TOXICITY DATA AND REFERENCES:
scu-mus LD50:280 mg/kg ARZNAD 8,761.58

AB7238490 ACETAMIDE, 2-(DIETHYLAMINO)-N-METHYL-N-(2-(m-METHYLPHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT 8303 MW: 314.90 MOLFM: C16-H26-N2-O2 Cl-H
SYN: C-6586 * 2-(DIETHYLAMINO)-N-METHYL-N-(2-(m-METHYLPHENOXY)ETHYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:650 mg/kg ARZNAD 8,761.58

AB7242800 ACETAMIDE, 2-(DIETHYLAMINO)-N-METHYL-N-(2,4,6-TRIMETHYLBENZYL)-, HYDROCHLORIDE
UPDT 8402 MW: 312.93 MOLFM: C17-H28-N2-O Cl-H
SYN: omega-DIETHYLAMINOACETYL TRIMETHYL-2,4,6-N-METHYLBENZYLAMINE CHLORHYDRATE (French) * 2-(DIETHYLAMINO)-N-METHYL-N-(2,4,6-TRIMETHYLBENZYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:550 mg/kg APFRAD 23,355.65

AB7243300 ACETAMIDE, 2-(DIETHYLAMINO)-N-(2-NORBORNEN-5-YL)-, HYDROCHLORIDE
UPDT 8406 MW: 258.83 MOLFM: C13-H22-N2-O Cl-H
SYN: 2-(DIETHYLAMINO)-N-(2-NORBORNEN-5-YL)ACETAMIDE HYDROCHLORIDE * ERL-438
TOXICITY DATA AND REFERENCES:
1G30 ipr-mus LD50:405 mg/kg JMPCA5 4,183,61

AB7243400 ACETAMIDE, 2-(DIETHYLAMINO)-N-(o-(OCTYLOXY)BENZYL)-, HYDROCHLORIDE
UPDT 8406 MW: 385.05 MOLFM: C21-H36-N2-O2 Cl-H
SYN: 1-(2-DIETHYLAMINOACETAMIDOMETHYLPHENOXY)-n-OCTANE HYDROCHLORIDE * 2-(DIETHYLAMINO)-N-(o-(OCTYLOXY)BENZYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F05F12J26 scu-mus LD50:290 mg/kg JPPMAB 14(Suppl),4BT,62
3F05F12J26 ivn-mus LD50:5 mg/kg JPPMAB 14(Suppl),4BT,62

AB7243420 ACETAMIDE, 2-(DIETHYLAMINO)-N-(p-(OCTYLOXY)BENZYL)-, HYDROCHLORIDE
UPDT 8406 MW: 385.05 MOLFM: C21-H36-N2-O2 Cl-H
SYN: 1-(4-DIETHYLAMINOACETAMIDOMETHYLPHENOXY)-n-OCTANE HYDROCHLORIDE * 2-(DIETHYLAMINO)-N-(p-(OCTYLOXY)BENZYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F05F12J26 ivn-mus LD50:42 mg/kg JPPMAB 14(Suppl),4BT,62

AB7243600 ACETAMIDE, 2-(DIETHYLAMINO)-N-(o-(PHENETHYLOXY)BENZYL)-, HYDROCHLORIDE
UPDT 8406 MW: 376.97 MOLFM: C21-H28-N2-O2 Cl-H
SYN: 1-(2-DIETHYLAMINOACETAMIDOMETHYLPHENOXY)-2-PHENYLETHANE HYDROCHLORIDE * 2-(DIETHYLAMINO)-N-(o-(PHENETHYLOXY)BENZYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F05F12J26 ivn-mus LD50:14 mg/kg JPPMAB 14(Suppl),4BT,62

AB7243700 ACETAMIDE, 2-(DIETHYLAMINO)-N-(2-PHENOXYETHYL)-, HYDROCHLORIDE
UPDT 8406 MW: 286.84 MOLFM: C14-H22-N2-O2 Cl-H
SYN: C-6392 * 2-(DIETHYLAMINO)-N-(2-PHENOXYETHYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:775 mg/kg ARZNAD 8,761.58

ACETAMIDE, 2-(DIETHYLAMINO)-N-PHENYL- see: AE1971450

AB7306000 ACETAMIDE, 2-(DIETHYLAMINO)-N-(2,4,6-TRIMETHYLBENZYL)-, HYDROCHLORIDE
UPDT 8402 MW: 298.90 MOLFM: C16-H26-N2-O Cl-H
SYN: omega-DIETHYLAMINOACETYL TRIMETHYL-2,4,6-BENZYLAMINE (CHLORHYDRATE (French) * 2-(DIETHYLAMINO)-N-(2,4,6-TRIMETHYLBENZYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:400 mg/kg APFRAD 23,355.65

ACETAMIDE, 2-(DIETHYLAMINO)-N-(2,4,6-TRIMETHYLPHENYL)- (9CI) see: AE2075000

ACETAMIDE, 2-(DIETHYLAMINO)-N-(2,4,6-TRIMETHYLPHENYL)-, MONOHYDROCHLORIDE (9CI) see: AE2100000

AB7397000 ACETAMIDE, N,N-DIETHYL-2-(o-PHENETIDINO)-
UPDT 8308 CAS: 15010-76-1 MW: 250.38 MOLFM: C14-H22-N2-O2
SYN: N,N-DIETHYL-N-(2-ETHOXYPHENYL)GLYCINAMIDE (French) * N,N-DIETHYL-2-(o-PHENETIDINO)ACETAMIDE * 1226 I.S.
TOXICITY DATA AND REFERENCES:
* ivn-rbt LD50:35 mg/kg AIPTAK 96,327,54

AB7400000 ACETAMIDE, N,N-DIETHYL-2-PHENOXY-
UPDT 8305 MW: 207.30 MOLFM: C12-H17-N-O2
SYN: N,N-DIETHYLAMIDE of PHENOXYACETIC ACID * N,N-DIETHYL-2-PHENOXYACETAMIDE * P-203
MUTATION DATA AND REFERENCES:
cyt-rat-skn 25 gm/kg 4W-I FATOAO 40,454,77
cyt-mus-ipr 250 mg/kg 4W-I FATOAO 40,454,77

AB7420000 ACETAMIDE, N,N-DIETHYL-N'-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-
UPDT 8306 MW: 260.42 MOLFM: C16-H24-N2-O
SYN: N,N-DIETHYL-N'-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)ACETAMIDE * N,N-DIETHYL-N-(1,2,3,4-N'NPHTHYL)-GLYCINAMIDE (French) * N,N-DIETHYL-N-(2-(TETRAHYDRO-1,2,3,4-N'NPHTHYL)-GLYCINAMIDE (French) * 621 I.S. * TOCHERGAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2124771 ims-rat TDLo:100 mg/kg (5D preg) PSEBAA 100,555,59
TOXICITY DATA AND REFERENCES:
* ivn-rbt LD50:40 mg/kg AIPTAK 96,327,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB7444800 ACETAMIDE, N-(1,4-DIHYDRO-3-CHLORO-1,4-DIOXO-2-NAPHTHYL)-
UPDT 8306 CAS: 5397-78-4 MW: 249.66 MOLFM: C12-H8-Cl-N-O3
SYN: 2-ACETAMIDO-3-CHLORO-1,4-NAPHTHOQUINONE * N-(3-CHLORO-1,4-DIHYDRO-1,4-DIOXO-2-NAPHTHYL)ACETAMIDE
TOXICITY DATA AND REFERENCES:
1V3?1 ipr-mus LD50:11 mg/kg JMCMAR 26,570,83

AB7450000 ACETAMIDE, N-(4,5-DIHYDRO-5-OXO-1,2-DITHIOLO(4,3-b)PYRROL-6-YL)-
UPDT 8405 CAS: 488-04-0 MW: 214.27 MOLFM: C7-H6-N2-O2-S2
SYN: 6-ACETAMIDO-1,2-DITHIOLO(4,3-b)PYRROL-5(4H)-ONE * N-DEMETHYLTHIOLUTIN * N-(4,5-DIHYDRO-5-OXO-1,2-DITHIOLO(4,3-b)PYRROL-6-YL)ACETAMIDE * N-(4,5-DIHYDRO-5-OXO-1,2-DITHIOLO(4,3-b)PYRROL-6-YL)-N-METHYLFORMAMIDE * 1,2-DITHIOLO(4,3-b)PYRROL-5(4H)-ONE, 6-ACETAMIDO- * HOLOMYCIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5 mg/kg JANTAJ 22,233,69

AB7465000 ACETAMIDE, 2-((1,2-DIHYDRO-5,6,17,19,21-PENTAHYDROXY-23-METHOXY-2,4,12,16,18,20,22- HEPTAMETHYL-1,11-DIOXO-2,7-(EPOXYPENTADECA(1,11,13)TRIENIMINO)NAPHTHO(2,1-b)FURAN-9-YL)OXY)- N-BUTYL-N-METHYL-, 21-ACETATE
UPDT 8402 CAS: 16784-08-0 MW: 825.06 MOLFM: C44-H60-N2-O13
SYN: RIFAMYCIN B BUTYLMETHYLAMIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:265 mg/kg JMCMAR 7,596,64

AB7525000 ACETAMIDE, 2-((1,2-DIHYDRO-5,6,17,19,21-PENTAHYDROXY-23-METHOXY-2,4,12,16,18,20,22- HEPTAMETHYL-1,11-DIOXO-2,7-(EPOXYPENTADECA(1,11,13)TRIENIMINO)NAPHTHO(2,1-b)FURAN-9-YL)OXY)- N,N-DIETHYL-, 21-ACETATE
UPDT 8405 CAS: 2750-76-7 MW: 811.03 MOLFM: C43-H58-N2-O13
SYN: N,N-DIETHYLRIFAMYCIN B AMIDE * M-14 * NCI-143-418 * NSC-133099 * RF-M-14 * RIFAMIDE * RIFAMPICIN M-14 * RIFAMYCIN B DIETHYLAMIDE * RIFAMYCIN B-N,N-DIETHYLAMIDE * RIFAMYCIN DIETHYLAMIDE * RIFAMYCIN, 4-O-(2-(DIETHYLAMINO)-2-OXOETHYL)- (9CI) * RIFAMYCIN M14 * RIFOCINA M * RIFOCIN M * RIFOMIDE * RIFOMYCIN B DIETHYLAMIDE * RIFOMYCIN M14
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1176 scu-rbt TDLo:1 gm/kg (2-21D preg) TXAPA9 8,126,66
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:535 mg/kg TXAPA9 8,126,66
scu-rat LD50:2500 mg/kg TXAPA9 8,126,66
ivn-rat LD50:380 mg/kg TXAPA9 8,126,66
o-1-mus LD50:2450 mg/kg TXAPA9 8,126,66
ipr-mus LD50:720 mg/kg TXAPA9 8,126,66
scu-mus LD50:640 mg/kg TXAPA9 8,126,66
1F12 ivn-mus LD50:315 mg/kg TXAPA9 8,126,66
ivn-dog LDLo:425 mg/kg TXAPA9 8,126,66
scu-rbt LDLo:2500 mg/kg TXAPA9 8,126,66
ivn-rbt LDLo:550 mg/kg TXAPA9 8,126,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB7551000 ACETAMIDE, 2-((1,2-DIHYDRO-5,6,17,19,21-PENTAHYDROXY-23-METHOXY-2,4,12,16,18,20,22- HEPTAMETHYL-1,11-DIOXO-2,7-(EPOXYPENTADECA(1,11,13)TRIENIMINO)NAPHTHO(2,1-b)FURAN-9-YL)OXY)- N,N-DIISOBUTYL-, 21-ACETATE
UPDT 8402 CAS: 16784-05-7 MW: 867.15 MOLFM: C47-H66-N2-O13
SYN: RIFAMYCIN B DIISOBUTYLAMIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:152 mg/kg JMCMAR 7,596,64

AB7553000 ACETAMIDE, 2-((1,2-DIHYDRO-5,6,17,19,21-PENTAHYDROXY-23-METHOXY-2,4,12,16,18,20,22- HEPTAMETHYL-1,11-DIOXO-2,7-(EPOXYPENTADECA(1,11,13)TRIENIMINO)NAPHTHO(2,1-b)FURAN-9-YL)OXY)- N,N-DIPROPYL-, 21-ACETATE
UPDT 8402 CAS: 16784-03-5 MW: 839.09 MOLFM: C45-H62-N2-O13
SYN: RIFAMYCIN B DIPROPYLAMIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:175 mg/kg JMCMAR 7,596,64

AB7557000 ACETAMIDE, 2-((1,2-DIHYDRO-5,6,17,19,21-PENTAHYDROXY-23-METHOXY-2,4,12,16,18,20,22- HEPTAMETHYL-1,11-DIOXO-2,7-(EPOXYPENTADECA(1,11,13)TRIENIMINO)NAPHTHO(2,1-b)FURAN-9-YL)OXY)- N-ETHYL-N-PHENYL-, 21-ACETATE
UPDT 8402 CAS: 16784-09-1 MW: 859.07 MOLFM: C47-H58-N2-O13
SYN: RIFAMYCIN B ETHYLPHENYLAMIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:257 mg/kg JMCMAR 7,596,64

BEST COPY AVAILABLE

AB7563000 ACETAMIDE, 2-((1,2-DIHYDRO-5,6,17,19,21-PENTAHYDROXY-23-METHOXY-2,4,12,16,18,20,22- HEPTAMETHYL-1,11-DIOXO-2,7-(EPOXYPENTADECA(1,11,13)TRIENIMINO)NAPHTHO(2,1-b)FURAN-9-YL)OXY) N-METHYL-N-PROPYL-, 21-ACETATE
UPDT 8402 CAS: 16784-10-4 MW: 811.03 MOLFM: C43-H58-N2-O13
SYN: RIFAMYCIN B METHYLPROPYLAMIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:368 mg/kg JMCMAR 7,596,64

AB7600000 ACETAMIDE, N-(9,10-DIHYDRO-2-PHENANTHRYL)-
UPDT 8401 CAS: 18264-88-5 MW: 237.32 MOLFM: C16-H15-N-O
SYN: 2-ACETYLAMINO-9,10-DIHYDROPHENANTHRENE * N-(9,10-DIHYDRO-2-PHENANTHRYL)ACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01D45K60 orl-rat TDLo:4608 mg/kg/32W-C CNREA8 15,188,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB7631700 ACETAMIDE, N,N'-(3,3'-DIMETHOXY(1,1'-BIPHENYL)-4,4'-DIYL)BIS-
UPDT 8406 CAS: 83310-76-3 MW: 328.40 MOLFM: C18-H20-N2-O4
SYN: N,N' DIACETYLDIANISIDINE
MUTATION DATA AND REFERENCES:
mma-sal 50 ug/plate IGAYAY 123,18,82

AB7700000 ACETAMIDE, N,N-DIMETHYL-
UPDT 8408 CAS: 127-19-5 MW: 87.14 MOLFM: C4-H9-N-O
SYN: ACETDIMETHYLAMIDE * ACETIC ACID, DIMETHYLAMIDE * DIMETHYLACETAMIDE * N,N-DIMETHYLACETAMIDE * DIMETHYLACETONE AMIDE * DIMETHYLAMIDE ACETATE * DMA * DMAC * NSC 3138 * U-9954
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95 62
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 ihl-rat TCLo:288 ppm/6H (10D male) TOXID9 4,65,84
1T34 ihl-rat TCLo:281 ppm/6H (6-15D preg) TJADAB 29(2),59A,84
1T34 skn-rat TDLo:2400 mg/kg (10-11D preg) TXAPA9 41,35,77
2T35T41 ipr-rat TDLo:2 mg/kg (1D preg) 85DJA5 -,95,71
2T25T34 orl-rbt TDLo:1839 mg/kg (6-18D preg) ARZNAD 30,1557,80
2T34T59 orl-rbt TDLo:3064 mg/kg (6-18D preg) ARZNAD 30,1557,80
1T25
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg JRPFA4 4,219,62
* ipr-rat LD50:2750 mg/kg JRPFA4 4,219,62
* ivn-rat LD50:2640 mg/kg ARZNAD 26,1581,76
* orl-mus LD50:4620 mg/kg ARZNAD 26,1581,76
* ipr-mus LD50:2800 mg/kg YKIGAK 31,327,80
* ivn-mus LD50:3020 mg/kg ARZNAD 26,1581,76
1F10 skn-rbt LD50:2240 mg/kg AIHAAP 23,95,62
ivn-rbt LDLo:8340 mg/kg ARZNAD 20,1242,70
ivn-skn LDLo:14 gm/kg ARZNAD 20,1242,70
REVIEW AND REFERENCES:
★ TLV-TWA 10 ppm; STEL 15 ppm (skin) DTLVS* 4,145,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ppm (skin) (SCP-R) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S254
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB7790000 ACETAMIDE, N-(4-(DIMETHYLAMINO)-2,2-DIPHENYL-3-METHYLBUTYL)-, HYDROBROMIDE
UPDT 8408 MW: 405.43 MOLFM: C21-H28-N2-O Br-H
SYN: N-(4-(DIMETHYLAMINO)-2,2-DIPHENYL-3-METHYLBUTYL)ACETAMIDE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:110 mg/kg JCSOA9 -,2158,50

AB7810000 ACETAMIDE, N-(4-(DIMETHYLAMINO)-2,2-DIPHENYLPENTYL)-, HYDROBROMIDE
UPDT 8408 MW: 485.63 MOLFM: C21-H28-N2-O Br-H
SYN: N-(4-(DIMETHYLAMINO)-2,2-DIPHENYLPENTYL)ACETAMIDE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:80 mg/kg JCSOA9 -,2158,50

AB7850000 ACETAMIDE, N-(2-(DIMETHYLAMINO)ETHYL)-2,2-DIPHENYL-2-ETHOXY-, HYDROCHLORIDE
UPDT 8307 CAS: 18774-63-5 MW: 362.94 MOLFM: C20-H26-N2-O2 Cl-H
SYN: N-(2-(DIMETHYLAMINO)ETHYL)-2-ETHOXY-2,2-DIPHENYLACETAMIDE HYDROCHLORIDE * N-(beta-DIMETILAMINOETIL)-alpha-ETOSSI-alpha,alpha-DIFENILACETAMMIDE CLORIDRATO (Italian)
TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:45 mg/kg FRPSAX 22,1057,67
1F29 orl-mus LD50:330 mg/kg FRPSAX 22,1057,67
1F29 ipr-mus LD50:159 mg/kg FRPSAX 22,1057,67

AB7880000 ACETAMIDE, N-(4-((1-(DIMETHYLAMINO)ETHYLIDENE)AMINO)PHENYL)-2-METHOXY-, HYDROCHLORIDE
UPDT 8307 CAS: 69884-15-7 MW: 285.81 MOLFM: C13-H19-N3-O2 Cl-H
SYN: AMIDANTEL * BAY d8815 * N-(4-((1-(DIMETHYLAMINO) AETHYLIDEN)AMINO)PHENYL) 2-METHOXYACETAMID HYDROCHLORID (German) * N-(4-((1-(DIMETHYLAMINO)ETHYLIDENE)AMINO)PHENYL) 2-METHOXYACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4693 mg/kg ARZNAD 29,31,79
orl-mus LD40:1207 mg/kg ARZNAD 29,31,79
scu-mus LD50:569 mg/kg ARZNAD 29,31,79
orl-dog LD50:500 mg/kg ARZNAD 29,31,79
orl-cat LD50:750 mg/kg ARZNAD 29,31,79
orl-rbt LD50:500 mg/kg ARZNAD 29,31,79

AB7905300 ACETAMIDE, 2-DIMETHYLAMINO-N-(p-METHOXYPHENYL)-
UPDT 8412 MW: 208.29 MOLFM: C11-H16-N2-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:760 mg/kg YKKZAJ 81,659,61

AB7906500 ACETAMIDE, 2-(DIMETHYLAMINO)-2-PHENYL-, HYDROCHLORIDE
UPDT 8307 CAS: 5537-54-2 MW: 214.72 MOLFM: C10-H14-N2-O Cl-H
SYN: 2-(DIMETHYLAMINO) 2-PHENYLACETAMIDE HYDROCHLORIDE * alpha-(DIMETHYL AMINO) PHENYLACETAMID HYDROCHLORID (German)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:770 mg/kg ARZNAD 4,598,54

AB7911300 ACETAMIDE, N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)-, HYDROCHLORIDE
UPDT 8303 MW: 270.84 MOLFM: C14-H22-N2-O Cl-H
SYN: N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:106 mg/kg PCJOAU 15,725,81

AB8050000 ACETAMIDE, N,N-DIMETHYL-2,2-DIPHENYL-
UPDT 8412 CAS: 957-51-7 MW: 239.34 MOLFM: C16-H17-N-O
SYN: BENZENEACETAMIDE, N,N-DIMETHYL-alpha-PHENYL- (9CI) * DIF 4 * DIMIDE * N,N-DIMETHYL-alpha,alpha-DIPHENYLACETAMIDE * N,N-DIMETHYL-2,2-DIPHENYLACETAMIDE * N,N-DIMETHYL-alpha-PHENYLBENZENEACETAMIDE * DIMID * DIPHENAMID * DIPHENAMIDE * 2,2-DIPHENYL-N,N-DIMETHYLACETAMIDE * DIPHENYLAMIDE * DYMID * ENIDE * ENIDE 50 * FDN * FENAM * L 34314 * LILLY 34 314 * U-5015 * U-8096
MUTATION DATA AND REFERENCES:
cyt-mus-unk 10 mg/kg TGANAK 16(1),45,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:700 mg/kg BREVAH 10,97,65
orl-mus LD50:600 mg/kg PCOC** -,431,66
ipr-mus LD50:500 mg/kg GUCHAZ 6,233,73
scu-mus LD50:800 mg/kg GUCHAZ 6,233,73
* unk-mus LD50:700 mg/kg TGANAK 16(1),45,82
orl-dog LD50:1000 mg/kg 28ZEAL 5,84,76
orl-mky LD50:1000 mg/kg 28ZEAL 5,84,76
orl-rbt LD50:1500 mg/kg 28ZEAL 5,84,76
unk-mam LD50:700 mg/kg 30ZDA9 -,155,71

AB8050200 ACETAMIDE, N-(2,7-DIMETHYLDIPYRIDO(1,2-a:3',2'-d)IMIDAZOL-4-YL)-
UPDT 8412 MW: 254.32 MOLFM: C14-H14-N4-O
MUTATION DATA AND REFERENCES:
mma-sal 10 ug/plate MUREAV 136,23,84

AB8050300 ACETAMIDE, N-(4,7-DIMETHYLDIPYRIDO(1,2-a:3',2'-d)IMIDAZOL-3-YL)-
UPDT 8411 MW: 254.32 MOLFM: C14-H14-N4-O
MUTATION DATA AND REFERENCES:
mma-sal 10 ng/plate MUREAV 136,23,84

AB8050500 ACETAMIDE, N-(5-(((1,1-DIMETHYLETHYL)AMINO)SULFONYL)-1,3,4-THIADIAZOL-2-YL)-, MONOSODIUM SALT
UPDT 8305 MW: 301.27 MOLFM: C8-H14-N4-O3-S2 Na
SYN: CL 13,850 SODIUM * N-(5-(((1,1-DIMETHYLETHYL)AMINO)SULFONYL)-1,3,4-THIADIAZOL-2-YL)ACETAMIDE MONOSODIUM SALT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 scu-rat TDLo:400 mg/kg (10-11D preg) JHMJAX 130,95,72
1T77 scu-rat TDLo:200 mg/kg (10-11D preg) JHMJAX 130,95,72
1T25 scu-rat TDLo:600 mg/kg (10-11D preg) JHMJAX 130,95,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB8060000 ACETAMIDE, N,N-DIMETHYL-2-IODO-
UPDT 8307 CAS: 73864-45-4 MW: 213.03 MOLFM: C4-H8-I-N-O
SYN: N,N-DIMETHYL-2-IODOACETAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg CSLNX* NX#05558

AB8065000 ACETAMIDE, N,N-DIMETHYL-2-(N-METHYLANILINO)-
UPDT 8410 MW: 192.29 MOLFM: C11-H16-N2-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:580 mg/kg YKKZAJ 81,659,61

AB8072000 ACETAMIDE, N,N-DIMETHYL-2-(N-METHYLPHENETIDINO)-
UPDT 8410 MW: 236.35 MOLFM: C13-H20-N2-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:650 mg/kg YKKZAJ 81,659,61

AB8130500 ACETAMIDE, N,N-DIMETHYL-2-(PHENETIDINO)-
UPDT 8410 MW: 222.32 MOLFM: C12-H18-N2-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:730 mg/kg YKKZAJ 81,659,61
ACETAMIDE, N-(3,4-DIMETHYLPHENYL)- (9CI) see: AN7500000
ACETAMIDE, 2-((1-(2,6-DIMETHYLPHENYL)-1H-IMIDAZOL-2-YL)THIO)-N-((ETHYLAMINO)CARBONYL)- see: YT3860500
ACETAMIDE, 2-((1-(2,6-DIMETHYLPHENYL)-1H-IMIDAZOL-2-YL)THIO)-N-((METHYLAMINO)CARBONYL)- see: YT9060000
ACETAMIDE, 2-((1-(2,6-DIMETHYLPHENYL)-1H-IMIDAZOL-2-YL)THIO)-N-((METHYLAMINO)CARBONYL)- see: YT9062000

AB8131550 ACETAMIDE, N,N-DIMETHYL-2-(p-PROPOXYANILINO)-
UPDT 8410 MW: 236.35 MOLFM: C13-H20-N2-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:590 mg/kg YKKZAJ 81,659,61

AB8131600 ACETAMIDE, N-(4-(((4-(((4,6-DIMETHYL-2-PYRIMIDINYL)(2-(1H-TETRAZOL-5-YL)ETHYL)aMINO) SULFONYL)PHENYL)IMINO)METHYL)PHENYL)-
UPDT 8309 CAS: 78311-83-8 MW: 519.64 MOLFM: C24-H25-N9-O3-S
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:800 mg/kg INDRBA 18,138,81

AB8132120 ACETAMIDE, N,N-DIMETHYL-2-(o-TOLUIDINO)-
UPDT 8410 MW: 192.29 MOLFM: C11-H16-N2-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:420 mg/kg YKKZAJ 81,659,61
ACETAMIDE, N-(4-(3,3-DIMETHYL-1-TRIAZENYL)PHENYL)- (9CI) see: AE2450000
ACETAMIDE, N-(2,4-DIMETHYL-5-(((TRIFLUOROMETHYL)SULFONYL)AMINO)PHENYL)- see: AE2460000

AB8136500 ACETAMIDE, 2,2-DIPHENYL-N-(beta-HYDROXY-alpha-(HYDROXYMETHYL)-p-NITROPHENETHYL)-, L-threo- (+)-
UPDT 8401 CAS: 134-90-7 MW: 406.47 MOLFM: C23-H22-N2-O5
SYN: (L-(+)-threo-CHLORAMPHENICOL
MUTATION DATA AND REFERENCES:
mma-sal 600 umol/L BBRCA9 78,151,77
dnd-sal 5 mmol/L BBRCA9 78,151,77
dnd-esc 500 umol/L BBRCA9 78,151,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

AB8137700 ACETAMIDE, N-(4-(2-((2-(DIPHENYLMETHOXY)ETHYL)AMINO)PROPOXY)PHENYL)-, ETHANEDIOATE (2:1)
UPDT 8311 CAS: 62099-01-8 MW: 415.55 MOLFM: C26-H30-N2-O3 1/2C2-H2-O4
SYN: DAN-2850 * N-(4-(2-((2-(DIPHENYLMETHOXY)ETHYL)AMINO)PROPOXY)PHENYL)ACETAMIDE ETHANEDIOATE (2:1) * N-(4-(2-((2-(DIPHENYLMETHOXY)ETHYL)AMINO)PROPOXY)PHENYL)ACETAMIDE HEMIOXALATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:310 mg/kg EJMCA5 12,459,77

AB8292000 ACETAMIDE, 2-(DIPROPYLAMINO)-N-(1-INDANYL)-, HYDROCHLORIDE
UPDT 8307 MW: 310.91 MOLFM: C17-H26-N2-O Cl-H
SYN: 1-(N-((N,N-DIPROPYLAMINO)ACETYL)AMINO)INDAN HYDROCHLORIDE * 2-(DIPROPYLAMINO) N-(1-INDANYL)ACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:45 mg/kg JMCMAR 23,184,80

AB8297500 ACETAMIDE, 2,2'-DISELENOBIS(N-PHENYL-
UPDT 8402 CAS: 66046-56-6 MW: 426.26 MOLFM: C16-H16-N2-Se2
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg NCNSA6 5,10,53
ipr-rat LDLo:25 mg/kg NCNSA6 5,10,53
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

ACETAMIDE, N-(3-ETHOXYPHENYL)- (9CI) see: AM4300000
ACETAMIDE, N-(4-ETHOXYPHENYL)- (9CI) see: AM4375000

AB8417000 ACETAMIDE, N-(4-ETHOXYPHENYL)-, mixt. with 2-CHLORO-N,N-DIMETHYL-10H-PHENOTHIAZINE-10- PROPANAMINE, 3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURIPIE-2,6-DIONE and 4-(DIMETHYLAMINO)-1,2- DIHYDRO-1,5-DIMETHYL-2-PHENYL-3H-PYRAZOL-3-ONE
UPDT 8408 CAS: 8064-83-3 MW: 825.54 MOLFM: C17-H19-Cl-N2-S C13-H17-N3-O C10-H13-N-O2 C8-H10-N4-O2

BEST COPY AVAILABLE

SYN: SEDES
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1424 mg/kg OYYAA2 5,359.71

ACETAMIDE, N-(4-ETHOXYPHENYL)-N-HYDROXY- (9CI) see: AK8380000

AB8450000 ACETAMIDE, N-(8-ETHOXY-5-QUINOLYL)-2-(ISOPROPYLAMINO)-, DIHYDROCHLORIDE
UPDT:8310 CAS: 19655-40-4 MW: 360.32 MOLFM: C16-H21-N3-O2-2Cl-H
SYN: N-(8-ETHOXY-5-QUINOLYL) 2-(ISOPROPYLAMINO)ACETAMIDE DIHYDROCHLORIDE * T 1138
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:170 mg/kg APFRAD 25,487.67

ABB460000 ACETAMIDE, 2-ETHOXY-N-(5,6,7,9-TETRAHYDRO-9-OXO-1,2,3,10-TETRAMETHOXYBENZO(a)HEPTALEN-7-YL)-, (S)-
UPDT:8406 CAS: 86436-35-3 MW: 442.54 MOLFM: C24-H29-N-O7
SYN: O ETHYLCOLCHIFOLINE
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:3992 ug/kg JMCMAR 26,1365,83

ACETAMIDE, N-((ETHYLAMINO)CARBONYL)-2-((1-PHENYL-1H-IMIDAZOL-2-YL)THIO)- see: YT3610000

AB8745000 ACETAMIDE, 2,2'-(ETHYLENEBIS((2-CHLOROETHYL)IMINO))BIS-, DIPICRATE
UPDT:8311 MW: 757.48 MOLFM: C10-H20-Cl2-N4-O2-2C6-H3-N3-O7
SYN: N,N BIS(2 CHLOROETHYL)-N,N-BIS(CARBAMOYLMETHYL)ETHYLENEDIAMINE DIPICRATE * 2,2'-(ETHYLENEBIS((2-CHLOROETHYL)IMINO))BISACETAMIDE DIPICRATE
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:750 ug/kg CPBTAL 9,679,61

AB8766000 ACETAMIDE, N-ETHYL-2-FLUORO-N-1-NAPHTHYL-
UPDT:8408 CAS: 10016-03-2 MW: 231.29 MOLFM: C14-H14-F-N-O
SYN: N-ETHYL-2-FLUORO-N-1-NAPHTHYLACETAMIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:210 mg/kg YKKZAJ 88,1620,68

AB8785000 ACETAMIDE, N-ETHYL-2-(METHYLPIPERIDINO)-N-(1-PHENOXY-2-PROPYL)-, HYDROCHLORIDE
UPDT:8307 MW: 354.97 MOLFM: C19-H30-N2-O2-Cl-H
SYN: C 2054 * N-ETHYL-N-(1-PHENOXY-2 PROPYL)-2-(2-METHYLPIPERIDINO)ACETAMIDE HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 2% MLD ARZNAD 9,70,59
TOXICITY DATA AND REFERENCES:
scu-mus LD50:165 mg/kg ARZNAD 9,70,59

AB9000000 ACETAMIDE, N-3-FLUORANTHENYL-
UPDT:8401 CAS: 19361-41-2 MW: 259.32 MOLFM: C18-H13-N-O
SYN: 3-ACETYLAMINO FLUORANTHEN (German) * 3-ACETYLAMINOFLUORANTHENE * N-FLUORANTHEN-3-YLACETAMIDE * N-3-FLUORANTHENYLACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V03P62R60 orl-rat TDLo:4050 mg/kg/16W-C ONCOAR 8,233,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, N,N'-9H-FLUORENE-2,7-DIYLBIS- (9CI) see: AC0700000

AB9275000 ACETAMIDE, N-FLUOREN-1-YL-
UPDT:8401 CAS: 28314-03-6 MW: 223.29 MOLFM: C15-H13-N-O
SYN: 1-FLUORENYLACETAMIDE * N-FLUOREN-1-YLACETAMIDE * N-1-FLUORENYLACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V03N60T63 orl-rat TDLo:4400 mg/kg/44W-C JNCIAM 24,149,60
2V03P40 ipr-rat TDLo:627 mg/kg/4W-I CNREAB 30,1485,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB9450000 ACETAMIDE, N-FLUOREN-2-YL-
UPDT:8412 CAS: 53-96-3 MW: 223.29 MOLFM: C15-H13-N-O
SYN: AAF * 2-AAF * ACETAMIDE, N-9H-FLUOREN-2-YL- (9CI) * 2-ACETAMIDOFLUORENE * 2-ACETAMINOFLUORENE * ACETOAMINOFLUORENE * 2-ACETYLAMINO-FLUOREN (German) * N-ACETYL-2-AMINOFLUORENE * 2-(ACETYLAMINO)FLUORENE * AZETYLAMINOFLUOREN (German) * FAA * 2-FAA * 2-FLUORENYLACETAMIDE * N-2-FLUORENYLACETAMIDE * N-FLUOREN-2-YLACETAMIDE * RCRA WASTE NUMBER U005
MUTATION DATA AND REFERENCES:

mma-sat 100 ug/plate	CBINA8 22,297,78
mma-sat 1 ug/plate	PMRSDJ 1,285,81
dns-sal 1 ug	ECEBDI 50,271,82
mma-esc 100 ug/plate	PMRSDJ 1,387,81
dnr-esc 10 mg/L	JJINDB 62,873,79
dnd-esc 5 umol/L	MUREAV 89,95,81
pic-esc 200 mg/L	PMRSDJ 1,224,81
dnd-bcs 1 mg/disc	PMRSDJ 1,175,81
mma-omi 200 ug/plate	CBINA8 22,297,78
slt-dmg-par 20 mmol/L	IJCNAW 9,284,72
mrc-smc 1 gm/L	PMRSDJ 1,434,81
sln-smc 50 mg/L	PMRSDJ 1,468,81
mma-ssp 100 ug/L	PMRSDJ 1,424,81
mma-ssp 100 ug/L	PMRSDJ 1,424,81
dnr-ssp 2800 nmol/L	CNJGA8 24,771,82
dnd-sal:spr 5 mmol	CNREA8 34,319,74
dnr-ham:fbr 1 umol/L	JNCIAM 54,1287,75
dnd-hmn:hla 5 umol/L	MUREAV 89,95,81
dnd-hmn:oth 1200 nmol/L	PAACA3 24,63,83
dns-hmn:fbr 100 umol/L/5H	IJCNAW 16,284,75
dns-hmn:hla 10 umol/L	CNREA8 38,2621,78
dns-hmn:lvr 1 umol/L	BANRDU 13,101,82
sce-hmn:lym 4460 ng/L	CNREA8 40,4775,80
msc-hmn:lym 25 umol/L	ENMUDM 4,304,82
otr-rat-orl 480 mg/kg/8W-I	CRNGDP 5,171,84
otr-rat:emb 100 ug/L	JJINDB 67,1303,81
otr-rat:lvr 100 umol/L	CNREA8 43,5087,83
dnd-rat:lvr 3 umol/L	SinJF# 26OCT82
dnd-rat-ipr 18 umol/kg	CBINA8 48,15,84
dnd-rat-orl 350 mg/kg/5W	CNREA8 33,397,73
dnd-rat:lvr 2000 ppm	ENMUDM 4,667,82
dns-rat-orl 18 mg/kg	CNREA8 35,3682,75
dnd-rat:lvr 50 ug/L	ENMUDM 6,427,84
dns-rat:oth 3200 umol/L	SHKKAN 22,300,80
dns-rat:spr 100 umol/L	ENMUDM 6,273,84
dns-rat-ipr 10 mg/kg	CALEDQ 22,211,84
bfa-rat/sat 1600 ug/kg	PNASA6 71,737,74
cyt-rat-orl 378 mg/kg/3W	JNCIAM 54,1245,75
cyt-rat:lvr 50 mg/L	PMRSDJ 1,570,81
sce-rat-ipr 100 mg/kg	MUREAV 91,363,81
sce-rat-skn 100 mg/kg	MUREAV 91,363,81
sce-rat:lvr 4500 umol/L	MUREAV 93,409,82
sce-rat:oth 400 umol/L	MUREAV 93,409,82
msc-rat:lvr 1 umol/L	MUREAV 130,53,84
hma-rat/sat 90 mg/kg/5D	AJCNAC 30,1921,77
mnt-mus-ipr 2 mg/kg	PMRSDJ 1,686,81
mma-mus:lym 75 mg/L/4H	MUREAV 59,61,79
slt-mus-ipr 223 mg/kg	MUREAV 117,701,83
otr-mus:mmr 1 ug/L	CNREA8 39,1784,79
dnd-mus:lvr 60 umol/L	JJINDB 62,947,79
dnd-mus:ast 5 umol/L	MUREAV 89,95,81
dns-mus-orl 160 mg/kg	CBINA8 5,153,72
dns-mus:lvr 10 umol/L	ENMUDM 5,1,83
oms-mus-orl 160 mg/kg	CBINA8 5,153,72
dni-mus-orl 160 mg/kg	CBINA8 5,153,72
dni-mus-ipr 200 mg/kg	MUREAV 46,305,77
oms-mus-orl 160 mg/kg	CBINA8 5,153,72
bfa-mus/sat 20 mg/kg	MUREAV 117,79,83
sce-mus-ipr 127 mg/kg	MUREAV 108,225,83
msc-mus:lym 15 mg/L	MUREAV 125,291,84
hma-mus/sat 495 mg/kg	JJINDB 62,911,79
spm-mus-ipr 125 mg/kg	MUREAV 124,235,83
mnt-ham-ipr 2 gm/kg	MUREAV 43,255,77
otr-ham-ipr 750 mg/kg	ARPAAQ 95,380,73
otr-ham:kdy 80 ug/L	BJCAAI 37,873,78
otr-ham:emb 12500 ug/L	JJINDB 67,1303,81
dnd-ham:lng 300 umol/L/2H	BBRCA9 72,732,76
dns-ham:lvr 10 nmol/L	ENMUDM 6,1,84
cyt-ham:lng 10 mg/L	ARTODN (Suppl 4),41,80
sce-ham-ipr 50 mg/kg	MUREAV 113,33,83
sce-ham:ovr 100 umol/L/150M	MUREAV 58,103,78
sce-ham-orl 50 mg/kg	MUREAV 113,33,83
msc-ham:ovr 20 mg/L	MUREAV 112,329,83
msc-ham:lng 5 mg/L	CNREA8 43,5194,83
dnd-bwd:lym 700 pmol/plate	CNREA8 37,3756,77
dnd-mam:lym 5 mmol	CNREA8 34,319,74
sce-rbt-ipr 3 mg/kg	MUREAV 58,321,78
sce-ckn-par 3125 ng/kg	ENMUDM 2,435,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T41 orl-rat TDLo:300 mg/kg (9D preg)	IARCCD 4,112,73
2T34T46 ipr-mus TDLo:100 mg/kg (10D preg)	KAIZAN 37,239,62
1T25 ipr-mus TDLo:100 mg/kg (8D preg)	KAIZAN 37,239,62

TUMORIGENIC DATA AND REFERENCES:

2V01L60 orl-rat TDLo:672 mg/kg/8W-C	TXAPA9 74,63,84
3V01N61R60 skn-rat TDLo:260 mg/kg/71W-I	JNCIAM 10,1201,50
3V01J60R50 ipr-rat TDLo:192 mg/kg/4W-I	CNREA8 32,1554,72
3V03R66R60 par-rat TDLo:1700 mg/kg/17W-I	CNREA8 6,617,46
3V03R60V10 imp-rat TDLo:22 mg/kg	CNREA8 33,2489,73
3V01L60M60 orl-mus TDLo:7840 mg/kg/49W-C	EJCAAH 5,41,69
3V03T65L60 scu-mus TDLo:400 mg/kg (15D preg)	IJCNAW 20,293,77
2V03M60 imp-mus TDLo:96 mg/kg	GMCRDC 17,383,75
2V02L60 orl-dog TDLo:2625 mg/kg/25W-C	CNREA8 10,266,50
2V03J60 orl-cat TDLo:11 gm/kg/69W-C	CNREA8 11,280,51
3V01M60M61 orl-rbt TDLo:6500 mg/kg/65W-I	PAMIAD 32,177,68
2V03M60 ipr-rbt TDLo:3600 mg/kg/40W-I	CNREA8 27,838,67
2V01L60 orl-ham TDLo:9240 mg/kg/44W-C	GANNA2 59,239,68
2V01M60 itr-ham TDLo:8800 mg/kg/73W-I	JNCIAM 50,503,73
3V03K60L60 orl-ckn TDLo:2800 mg/kg/13W-I	BJCAAI 9,163,55
3V03J60M61 par-ckn TDLo:3430 mg/kg/3Y	BJCAAI 8,147,54
3V01D45L60 skn-rat TD :2590 mg/kg/23W-I	CNREA8 28,234,68
3V01L60T61 orl-rat TD :2268 mg/kg/12W-I	TUMOA8 69,195,83
3V01L60R60 orl-rat TD :1220 mg/kg/19W-C	CNREA8 22,1002,62
2VC1R60 orl-rat TD :2100 mg/kg/30W-C	TXAPA9 5,526,63
3V01L60R60 orl-rat TD :2610 mg/kg/23W-C	JNCIAM 10,1201,50
3V01L60M60 orl-mus TD :13 gm/kg/53W-C	JCPCBR 19,591,79
3V01L60L04 orl-rat TD :1344 mg/kg/16W-C	TXAPA9 19,687,71
3V01L60U01 orl-rat TD :2940 mg/kg/35W-C	TXAPA9 19,687,71
3V01M60T63 orl-rbt TD :14 gm/kg/56W-I	CNREA8 27,838,67
3V01L60R60 orl-mus TD :13140 mg/kg/1Y-C	TXAPA9 41,535,77

TOXICITY DATA AND REFERENCES:

orl-mus LD50:1020 mg/kg	TXAPA9 25,447,73
* ipr-mus LD50:2200 mg/kg	PMRSDJ 1,682,81

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75; 85CVA2 5,63,70; ZEKBAI 71,32,68, ADCSAJ 13,271,70; BLFSBY 24,129,83
STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39,3756,74
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982 REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984 MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB9500000 ACETAMIDE, N-FLUOREN-3-YL-
UPDT:8401 CAS: 6292-55-3 MW: 223.29 MOLFM: C15-H13-N-O
SYN: ACETAMIDE, N-9H-FLUOREN-3-YL- (9CI) * 3-FLUORENYLACETAMIDE * N-3-FLUORENYLACETAMIDE * N-FLUOREN-3-YLACETAMIDE
TUMORIGENIC DATA AND REFERENCES:

3V03N60N62 orl-rat TDLo:6100 mg/kg/66W-C	JNCIAM 24,149,60
2V03R60 ipr-rat TDLo:654 mg/kg/4W-I	CNREA8 30,1485,70
2V03R60 imp-rat TDLo:22 mg/kg	CNREA8 37,111,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AB9530000 ACETAMIDE, N-FLUOREN-4-YL-
UPDT:8406 CAS: 2w322-02-3 MW: 223.29 MOLFM: C15-H13-N-O
SYN: ACETAMIDE, N-9H-FLUOREN-4-YL- (9CI) * 4-ACETYLAMINOFLUOREN (German) * 4-ACETYLAMINOFLUORENE * N-FLUOREN-4-YLACETAMIDE * N-4-FLUORENYLACETAMIDE
MUTATION DATA AND REFERENCES:

mma-sat 50 ug/plate	PMRSDJ 1,285,81
mma-esc 1 mg/plate	PMRSDJ 1,387,81
dnd-bcs 1 mg/disc	PMRSDJ 1,175,81
dnr-smc 100 mg/L	PMRSDJ 1,502,81
mrc-smc 150 mg/L	PMRSDJ 1,491,81
sln-smc 50 mg/L	PMRSDJ 1,468,81
otr-rat:emb 63600 ug/L	JJINDB 67,1303,81
dns-rat:lvr 100 umol/L/2H	CNREA8 37,1845,77
mma-mus:lym 94 mg/L/4H	MUREAV 59,61,79
otr-mus:fbr 400 ug/L	JJINDB 67,1303,81
msc-mus:lym 375 mg/L/4H	MUREAV 59,61,79
otr-ham:kdy 25 mg/L	PMRSDJ 1,638,81

TUMORIGENIC DATA AND REFERENCES:

2V03K60 orl-rat TDLo:4175 mg/kg/17W-C	ONCOAR 8,233,55
3V03R60T64 orl-rat TD :5240 mg/kg/57W-C	JNCIAM 24,149,60
3V03K60N60 orl-rat TD :6300 mg/kg/30W-C	CRNGDP 3,103,82

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:364 mg/kg	PMRSDJ 1,682,81

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BEST COPY AVAILABLE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETAMIDE, N-9H-FLUOREN-2-YL- (9CI) see: AB9450000
ACETAMIDE, N-9H-FLUOREN-3-YL- (9CI) see: AB9500000
ACETAMIDE, N-9H-FLUOREN-4-YL- (9CI) see: AB9530000

AC0330000 ACETAMIDE, N-FLUOREN-1-YLDI-
UPDT:8401 MW: 265.33 MOLFM: C17-H15-N-O2
SYN: N-1 DIACETAMIDOFLUORENE * N-FLUOREN-1-YLDIACETAMIDE * N-1-FLUORENYLDIACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V03N60R60 orl-rat TDLo:5200 mg/kg/52W-C JNCIAM 24,149,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC0350000 ACETAMIDE, N-FLUOREN-2-YLDI-
UPDT:8401 CAS: 642-65-9 MW: 265.33 MOLFM: C17-H15-N-O2
SYN: ACETAMIDE, N-ACETYL-N-9H-FLUOREN-2-YL- (9CI) * DIACETAMIDE, N-FLUOREN-2-YL- (8CI) * 2-DIACETAMIDOFLUORENE * N-DIACETYL-2-AMINOFLUORENE * 2-DIACETYLAMINOFLUORENE * N,N-DIACETYL-2-AMINOFLUORENE * N,N-DIACETYL-2-FLUORENEAMINE * F-diAA * 2-FLUORENYLDIACETAMIDE * N-FLUOREN-2-YLDIACETAMIDE * N-2-FLUORENYLDIACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:970 mg/kg/23W-C JNCIAM 10,1201,50
3V01L60R60 skn-rat TDLo:290 mg/kg/77W-I JNCIAM 10,1201,50
2V01L60 orl-ham TDLo:6174 mg/kg/49W-C GANNA2 59,239,68
2V03L60 orl-rat TD :475 mg/kg/5W-C AICCA6 20,1364,64
2V03L60 orl-rat TD :4000 mg/kg/23W-C CNREA8 7,730,47
2V03L60 orl-rat TD :945 mg/kg/9W-I JNCIAM 34,697,65
2V03L60 orl-rat TD :1540 mg/kg/19W-I CNREA8 28,2177,68
3V03L04L60 orl-rat TD :613 mg/kg/8W-I JNCIAM 31,1407,63
3V03L60L04 orl-rat TD :1138 mg/kg/16W-I JNCIAM 29,933,62
3V03L04L60 orl-rat TD :1365 mg/kg/16W-I EJCAAH 12,137,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC0525000 ACETAMIDE, N,N'-FLUOREN-2,5-YLENEBIS-
UPDT:8401 CAS: 22750-65-8 MW: 280.35 MOLFM: C17-H16-N2-O2
SYN: 2,5-BIS(ACETYLAMINO)FLUORENE * N,N-FLUOREN-2,5-YLENEBISACETAMIDE * 2,5-FLUORENYLENEBISACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:4550 mg/kg/26W-C CNREA8 22,1002,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC0700000 ACETAMIDE, N,N'-FLUOREN-2,7-YLENEBIS-
UPDT:8403 CAS: 304-28-9 MW: 280.35 MOLFM: C17-H16-N2-O2
SYN: ACETAMIDE, N,N-9H-FLUORENE 2,7-DIYL(BIS- (9CI) * 2,7-BIS(ACETAMIDO)FLUORENE * 2,7-DIACETAMIDOFLUORENE * 2,7-DIACETYLAMINOFLUORENE * 2,7-FAA * 2,7-FLUORENYLBISACETAMIDE * N,N-FLUOREN-2,7-YLBISACETAMIDE * N,N-FLUOREN-2,7-YLENEBISACETAMIDE * N,N-2,7-FLUORENYLENEBISACETAMIDE * N,N-(FLUOREN-2,7-YLENE)BIS(ACETYLAMINE) * N,N-2,7-FLUORENYLENEDIACETAMIDE
MUTATION DATA AND REFERENCES:
dns-rat-lvr 500 nmol/L ENMUDM 3,11,81
cyt-rat-orl 315 mg/kg/3W JNCIAM 54,1245,75
TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:6 gm/kg/57W-C GANNA2 60,211,69
3V01J61F60 ipr-rat TDLo:2044 mg/kg/29W-I JNCIAM 29,977,62
3V01L60P61 orl-mus TDLo:2100 mg/kg/13W-C JNCIAM 40,629,68
2V03A60 orl-rat TD :1830 mg/kg/32W-C NCIMAV 5,85,61
3V03J61P60 orl-rat TD :2060 mg/kg/34W-C JNCIAM 29,977,62
3V03L60R60 orl-rat TD :2250 mg/kg/21W-C GANNA2 62,471,71
2V02L60 orl-mus TD :6480 mg/kg/26W-C NAIZAM 33,545,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC0875000 ACETAMIDE, N,N'-FLUOREN-2,7-YLENEBIS(TRIFLUORO-
UPDT:8401 CAS: 391-57-1 MW: 388.29 MOLFM: C17-H10-F6-N2-O2
SYN: N,N-FLUOREN-2,7-YLENEBIS(TRIFLUOROACETAMIDE)
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:4850 mg/kg/37W-C JNCIAM 30,143,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETAMIDE, N-9H-FLUOREN-2-YL-N-HYDROXY- (9CI) see: AK8575000

AC1050000 ACETAMIDE, N-FLUOREN-2-YL-2,2,2-TRIFLUORO-
UPDT:8401 CAS: 363-17-7 MW: 277.26 MOLFM: C15-H10-F3-N-O
SYN: N-FLUOREN-2-YL-2,2,2-TRIFLUOROACETAMIDE * N-(2-FLUORENYL)-2,2,2-TRIFLUOROACETAMIDE * 2-TRIFLUOROACETYLAMINOFLUORENE * 2,2,2-TRIFLUORO-N-(FLUOREN-2-YL)ACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01L60R60 orl-rat TDLo:3750 mg/kg/44W-C JNCIAM 24,169,60
3V01L60R60 orl-rat TD :4500 mg/kg/26W-C CNREA8 22,1002,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC1225000 ACETAMIDE, 2-FLUORO-
UPDT:8411 CAS: 640-19-7 MW: 77.07 MOLFM: C2-H4-F-N-O
SYN: AFL 1081 * COMPOUND 1081 * FAA * FLUORAKIL 100 * FLUOROACETAMIDE * 2-FLUOROACETAMIDE * FLUOROACETIC ACID AMIDE * FUSSOL * MEGATOX * MONOFLUOROACETAMIDE * NAVRON * RCRA WASTE NUMBER P057 * RODEX * YANOCK
MUTATION DATA AND REFERENCES:
cyt-aml:lng 300 umol/L HKXUDL 3,94,83
cyt-rat-ipr 4 mg/kg VAAZA2 1,346,68
spm-rat-ipr 4 mg/kg VAAZA2 1,346,68
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T07 orl-rat TDLo:90 mg/kg (30D male) EXPEAM 20,492,64
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5750 ug/kg PCOC** -,538,66
skn-rat LD50:80 mg/kg WRPCA2 9,119,70
orl-mus LD50:31 mg/kg NHOZAX 26,203,72
ipr-mus LD50:85 mg/kg BCPCA6 12,1201,63
scu-mus LD50:34 mg/kg NHOZAX 26,203,72
ivn-rbt LD50:230 ug/kg JCSOA9 -,912,49
* orl-qal LD50:13 mg/kg JRPFA4 48,371,76
unk-mam LD50:4 mg/kg 30ZDA9 -,119,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 48,225,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETAMIDE, N-(4'-FLUORO-4-BIPHENYLYL)ACETAMIDE see: AE3750000

AC1400000 ACETAMIDE, N-(1-FLUOROFLUOREN-2-YL)-
UPDT:8401 CAS: 2824-10-4 MW: 241.28 MOLFM: C15-H12-F-N-O
SYN: 1-FLUORO-2-ACETYLAMINOFLUORENE * 1-FLUORO-2-FAA * N-(1-FLUOROFLUOREN-2-YL)ACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:1400 mg/kg/19W-C CNREA8 22,1002,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC1575000 ACETAMIDE, N-(3-FLUOROFLUOREN-2-YL)-
UPDT:8401 CAS: 2823-93-0 MW: 241.28 MOLFM: C15-H12-F-N-O
SYN: 3-FLUORO-2-ACETYLAMINOFLUORENE * 3-FLUORO-2-FAA * N-(3-FLUOROFLUOREN-2-YL)ACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01L60R60 orl-rat TDLo:3900 mg/kg/26W-C CNREA8 22,1002,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC1750000 ACETAMIDE, N-(4-FLUOROFLUOREN-2-YL)-
UPDT:8401 CAS: 2823-91-8 MW: 241.28 MOLFM: C15-H12-F-N-O
SYN: 4-FLUORO-2-ACETYLAMINOFLUORENE * 4-FLUORO-2-FAA * N-(4-FLUOROFLUOREN-2-YL)ACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:2560 mg/kg/17W-C CNREA8 22,1002,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC1925000 ACETAMIDE, N-(5-FLUOROFLUOREN-2-YL)-
UPDT:8401 CAS: 2823-90-7 MW: 241.28 MOLFM: C15-H12-F-N-O
SYN: 5-FLUORO-2-ACETYLAMINOFLUORENE * 5-FLUORO-2-FAA * N-(5-FLUOROFLUOREN-2-YL)ACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:3900 mg/kg/26W-C CNREA8 22,1002,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC2100000 ACETAMIDE, N-(6-FLUOROFLUOREN-2-YL)-
UPDT:8401 CAS: 2823-94-1 MW: 241.28 MOLFM: C15-H12-F-N-O
SYN: 6-FLUORO-2-ACETYLAMINOFLUORENE * 6-FLUORO-2-FAA * N-(6-FLUOROFLUOREN-2-YL)ACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01D45K60 orl-rat TDLo:3900 mg/kg/26W-C CNREA8 22,1002,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC2275000 ACETAMIDE, N-(7-FLUOROFLUOREN-2-YL)-
UPDT:8401 CAS: 343-69-5 MW: 241.28 MOLFM: C15-H12-F-N-O
SYN: 7-FLUORO-2-ACETAMIDO-FLUORENE * 7-FLUORO-2-ACETYLAMINOFLUORENE * N-(7-FLUOROFLUOREN-2-YL)ACETAMIDE
MUTATION DATA AND REFERENCES:
dnd-rat-par 27 umol/kg CBINAB 40,27,82
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:450 mg/kg/11W-C CNREA8 26,2239,66
2V03L60 orl-rat TD :1200 mg/kg/15W-C CNREA8 18,469,58
3V01D45K60 orl-rat TD :1200 mg/kg/14W-C CNREA8 15,188,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC2450000 ACETAMIDE, N-(8-FLUOROFLUOREN-2-YL)-
UPDT:8401 CAS: 2823-95-2 MW: 241.28 MOLFM: C15-H12-F-N-O
SYN: 8-FLUORO-2-ACETYLAMINOFLUORENE * 8-FLUORO-2-FAA * N-(8-FLUOROFLUOREN-2-YL)ACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01L60R60 orl-rat TDLo:3900 mg/kg/26W-C CNREA8 22,1002,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC2500000 ACETAMIDE, 2-FLUORO-N-(2-HYDROXYETHYL)-N-1-NAPHTHYL-
UPDT:8401 CAS: 10016-11-2 MW: 247.29 MOLFM: C16-H14-F-N-O2
SYN: 2-FLUORO-N-(2-HYDROXYETHYL)-N-1-NAPHTHYLACETAMIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LC50:236 mg/kg YKKZAJ 88,1620,68

AC2520000 ACETAMIDE, 2-FLUORO-N-(2-HYDROXY-1-METHYLETHYL)-N-1-NAPHTHYL-
UPDT:8408 CAS: 10016-12-3 MW: 261.32 MOLFM: C15-H16-F-N-O2
SYN: 2-FLUORO-N-(2-HYDROXY-1-METHYLETHYL)-N-1-NAPHTHYLACETAMIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:100 mg/kg YKKZAJ 88,1620,68

AC2540000 ACETAMIDE, 2-FLUORO-N-(2-HYDROXY-1-METHYLETHYL)-N-2-NAPHTHYL-
UPDT:8408 CAS: 10016-15-6 MW: 261.32 MOLFM: C15-H16-F-N-O2
SYN: 2-FLUORO-N-(2-HYDROXY-1-METHYLETHYL)-N-2-NAPHTHYLACETAMIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:150 mg/kg YKKZAJ 88,1620,68

AC2650000 ACETAMIDE, N-(2-(6-FLUORO-5-METHOXY-1H-INDOL-3-YL)ETHYL)-
UPDT:8401 CAS: 62106-00-7 MW: 286.30 MOLFM: C13-H15-F-N2-O3
SYN: 6-FLUOROMELATONIN * N-(2-(6-FLUORO-5-METHOXY-1H-INDOL-3-YL)ETHYL)ACETAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rat TDLo:4 mg/kg (1D pre) JMCMAR 22,63,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETAMIDE, 2-FLUORO-N-METHYL-N-1-NAPHTHALENYL- (9CI) see: AC2700000

AC2700000 ACETAMIDE, 2-FLUORO-N-METHYL-N-(1-NAPHTHYL)-
UPDT:8408 CAS: 5903-13-9 MW: 217.26 MOLFM: C13-H12-F-N-O
SYN: ACETAMIDE, 2-FLUORO-N-METHYL-N-1-NAPHTHALENYL (9CI) * 1-(N-ACETAMIDOFLUOROMETHYL)-NAPHTHALENE * DP X 1410 * FAM * 2-FLUORO-N-METHYL-N-1-NAPHTHYLACETAMIDE * N-METHYL-N-(1-NAPHTHYL)FLUOROACETAMIDE * N-METHYL-N-(1-NAPHTHYL)MONOFLUOROACETAMIDE * NMFA * NISSOL * NISSOL EC
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T26 orl-mus TDLo:240 mg/kg (1-12D preg) OYYAA2 4,463,70
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:110 mg/kg JIDOAA 21(2),88,72
skn-rat LD50:213 mg/kg WRPCA2 9,119,70
scu-rat LD50:41 mg/kg TXAPA9 12,536,68
orl-mus LD50:200 mg/kg OYYAA2 4,463,70
* skn-mus LD50:370 mg/kg JIDOAA 21(2),88,72
ipr-mus LD50:164 mg/kg TXAPA9 12,536,68
scu-mus LD50:216 mg/kg TXAPA9 12,536,68
* orl-dog LD50:2 mg/kg JIDOAA 21(2),88,72
skn-dog LDLo:4 mg/kg TXAPA9 12,536,68
ipr-dog LDLo:2 mg/kg TXAPA9 12,536,68
orl-mky LD50:300 mg/kg 85DPAN -,-,71,76
skn-mky LDLo:800 mg/kg TXAPA9 12,536,68
ipr-mky LDLo:100 mg/kg TXAPA9 12,536,68
scu-mky LDLo:150 mg/kg TXAPA9 12,536,68
* orl-cat LD50:2500 ug/kg JIDOAA 21(2),88,72
skn-cat LDLo:4 mg/kg TXAPA9 12,536,68
orl-rbt LD50:1500 mg/kg 85DPAN -,-,71/76
* skn-rbt LD50:1750 ug/kg JIDOAA 21(2),88,72
ivn-rbt LDLo:5 mg/kg TXAPA9 12,536,68
* orl-gpg LD50:500 ug/kg JIDOAA 21(2),88,72
skn-gpg LD50:5 mg/kg TXAPA9 12,536,68
scu-gpg LDLo:1 mg/kg TXAPA9 12,536,68
orl-ckn LDLo:50 mg/kg TXAPA9 12,536,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC2710000 ACETAMIDE, 2-FLUORO-N-METHYL-N-2-NAPHTHYL-
UPDT:8408 CAS: 10016-14-5 MW: 217.26 MOLFM: C13-H12-F-N-O
SYN: 2-FLUORO-N-METHYL-N-2-NAPHTHYLACETAMIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:10 mg/kg YKKZAJ 88,1620,68

AC2740000 ACETAMIDE, 2-FLUORO-N-(NAPHTHYL)-
UPDT:8408 CAS: 318-85-4 MW: 203.23 MOLFM: C12-H10-F-N-O
SYN: 2-FLUORO-N-1-NAPHTHYLACETAMIDE * (1-NAPHTHYL) MONOFLUOROACETAMIDE * NFA
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:75 mg/kg TXAPA9 13,189,68

AC2750000 ACETAMIDE, 2-FLUORO-N-2-NAPHTHYL-
UPDT:8408 CAS: 325-47-3 MW: 203.23 MOLFM: C12-H10-F-N-O

BEST COPY AVAILABLE

SYN: 2-FLUORO-N-2 NAPHTHYLACETAMIDE

TOXICITY DATA AND REFERENCES:

2F25U26 orl-mus LD50:75 mg/kg YKKZAJ 88,1620,68

AC2760000 ACETAMIDE, 2-FLUORO-N-1-NAPHTHYL-N-(1-NAPHTHYLMETHYL)-

UPDT:8408 CAS: 23554-63-4 MW: 343.42 MOLFM: C23-H18-F-N-O

SYN: 2-FLUORO-N-1-NAPHTHYL-N-(1-NAPHTHYLMETHYL)ACETAMIDE

TOXICITY DATA AND REFERENCES:

2F25U26 orl-mus LD50:237 mg/kg YKKZAJ 88,1620,68

ACETAMIDE, 2-FLUORO-N-PHENYL- (9CI) see: AE2975000

AC2840000 ACETAMIDE, N-(9-(p-FLUOROPHENYLIMINO)FLUOREN-2-YL)-

UPDT:8401 MW: 332.40 MOLFM: C21-H17-F-N2-O

SYN: 2-ACETYLAMINO-9-(p-FLUOROPHENYLIMINO)FLUORENE * N-(9-(p-FLUOROPHENYLIMINO)FLUOREN-2-YL)ACETAMIDE

TUMORIGENIC DATA AND REFERENCES:

2V03R60 orl-rat TDLo:125 gm/kg/34W-C CNREA8 22,1002,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, N-FORMYL-2-MERCAPTO-N-METHYL-, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE see: TE1050000

AC2976500 ACETAMIDE, N,N'-HEXAMETHYLENEBIS(2,2-DICHLORO-N-ETHYL-

UPDT:8401 CAS: 3613-89-6 MW: 394.20 MOLFM: C14-H24-Cl4-N2-O2

SYN: N,N-BIS(DICHLOROACETYL)-N,N'-DIETHYL-1,6-HEXANEDIAMINE * N,N'-HEXAMETHYLENEBIS(2,2-DICHLORO-N-ETHYLACETAMIDE) * WIN 17,416

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01 orl-man TDLo:3650 mg/kg (28W male) TXAPA9 3,1,61

1T01 orl-man TDLo:2 gm/kg (70D male) EMPSAL 2,107,63

2T01T02 orl-rat TDLo:5250 mg/kg (21D male) TXAPA9 2,715,60

1T01 orl-rat TDLo:2418 mg/kg (13W male) EXMPA6 1,251,62

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, N-HYDROXY- see: AK8157000

AC3120000 ACETAMIDE, N-(2-HYDROXYE(HYL)-

UPDT:8305 CAS: 142-26-7 MW: 103.14 MOLFM: C4-H9-N-O2

SYN: 2-ACETAMIDOETHANOL * 2-ACETYLAMINOETHANOL * ACETYLCOLAMINE * N-ACETYL ETHANOLAMINE * N-ETHANOLACETAMIDE * HYDROXYETHYL ACETAMIDE * beta-HYDROXYETHYLACETAMIDE * N-beta-HYDROXYETHYLACETAMIDE * N-(2-HYDROXYETHYL)ACETAMIDE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg open MLD UCDS** 4/21/67

eye-rbt 100 mg AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:

orl-rat LD50:28 gm/kg UCDS** 4,21,67

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

AC3325000 ACETAMIDE, 2,2'-((2-HYDROXYETHYL)IMINO)BIS(N-(alpha,alpha-DIMETHYLPHENETHYL)-N-METHYL-

UPDT:8402 CAS: 126-27-2 MW: 467.72 MOLFM: C28-H41-N3-O3

SYN: ACETAMIDE, 2,2'-((2-HYDROXYETHYL)IMINO)BIS(N-(1,1-DIMETHYLPHENYLETHYL)-N-METHYL- (9CI) * BETALGIL * N,N-BIS(N-METHYL-N-PHENYL-4'-t-BUTYLACETAMIDO)-beta-HYDROXYETHYLAMINE * 2-DI(N-METHYL-N-PHENYL-tert-BUTYL-CARBAMOYLMETHYL)AMINOETHANOL * EMOREN * FH 099 * H4 099 * 2,2'-((2-HYDROXYETHYL)IMINO BIS(N-(alpha,alpha-DIMETHYLPHENETHYL)-N-METHYL-ACETAMIDE * 2,2'-((2 HYDROXYETHYL)IMINO)BIS(N-(1,1-DIMETHYL-2-PHENYLETHYL)-N-METHYLACETAMIDE) * MUCAINE * MUCOXIN * MUTESA * MUTNESA * OXAINE * OXETACAINE * OXETHACAINA (Italian) * OXETHACAINE * OXETHAZAINE * OXETHAZINE * STOMACAIN * TEPILTA * TOPICAIN * WY 806

MUTATION DATA AND REFERENCES:

sln-osn 1 mg/L MUREAV 26,159,74

TOXICITY DATA AND REFERENCES:

orl-rat LD50:625 mg/kg 29ZVAB -,85,69

ipr-rat LD50:30 mg/kg GMITAB 134,642,75

ivn-rat LD50:1300 ug/kg 29ZVAB -,85,69

imp-rat LD50:502 mg/kg 29ZVAB -,85,69

orl-mus LD50:400 ug/kg 29ZVAB -,85,69

ipr-mus LD50:27 mg/kg GMITAB 134,642,75

scu-mus LD50:58 mg/kg GMITAB 134,642,75

ivn-mus LD50:3600 ug/kg 29ZVAB -,85,69

ims-mus LD50:247 mg/kg TXAPA9 5,184,63

imp-mus LD50:2470 ug/kg 29ZVAB -,85,69

ivn-rbt LD50:540 ug/kg 29ZVAB -,85,69

itr-rbt LD50:420 ug/kg TXAPA9 5,184,63

ACETAMIDE, 2,2'-(2-HYDROXYETHYL)IMINO)BIS(N-(1,1-DIMETHYLPHENYLETHYL)-N-METHYL- (9CI) see: AC3325000

ACETAMIDE, N-HYDROXY-N-(2-FLUORENYL)- see: AK8575000

AC3340000 ACETAMIDE, N-(1-HYDROXYFLUOREN-2-YL)-

UPDT:8406 CAS: 2784-86-3 MW: 239.29 MOLFM: C15-H13-N-O2

SYN: 1-HYDROXY-2-ACETAMIDOFLUORENE * N-(1-HYDROXY-2-FLORENYL)ACETAMIDE

TUMORIGENIC DATA AND REFERENCES:

2V01M60 imp-mus TDLo:96 mg/kg GMCRDC 17,383,75

2V03M60 imp-mus TD :75 mg/kg CALEDQ 6,21,79

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC3350000 ACETAMIDE, N-(3-HYDROXYFLUOREN-2-YL)-

UPDT:8406 CAS: 1838-56-8 MW: 239.29 MOLFM: C15-H13-N-O2

SYN: 3-HO-AAF * 3-HYDROXY-N-ACETYL 2 AMINOFLUORENE * N-(3-HYDROXY-2-FLUORENYL)ACETAMIDE

MUTATION DATA AND REFERENCES:

slt-dmg-par 10 mmol/L IJCNAW 9,284,72

TUMORIGENIC DATA AND REFERENCES:

2V01M60 imp-mus TDLo:96 mg/kg GMCRDC 17,383,75

2V03M60 imp-mus TD :75 mg/kg CALEDQ 6,21,79

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC3350050 ACETAMIDE, N-(5-HYDROXY-9H-FLUOREN-2-YL)-

UPDT:8401 CAS: 1147-55-3 MW: 239.29 MOLFM: C15-H13-N-O2

SYN: 5-HYDROXY-N-2-FLUORENYLACETAMIDE

MUTATION DATA AND REFERENCES:

mma-sat 250 ug/plate JJINDB 62,893,79

dnr-esc 10 mg/L JJINDB 62,873,79

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

AC3350070 ACETAMIDE, N-(7-HYDROXY-9H-FLUOREN-2-YL)-

UPDT:8401 CAS: 363-49-5 MW: 239.29 MOLFM: C15-H13-N-O2

SYN: 7OH-2AAF * 7-HYDROXY-2-ACETAMINOFLUORENE * 7-HYDROXY-N-2-FLUORENYLACETAMIDE

MUTATION DATA AND REFERENCES:

mma-sat 250 ug/plate JJINDB 62,893,79

dnr-esc 10 mg/L JJINDB 62,873,79

TUMORIGENIC DATA AND REFERENCES:

2V02J60L60 orl-rat TDLo:14 gm/kg/2Y-C BJCAAI 1,391,47

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC3520000 ACETAMIDE, N-(9-HYDROXYFLUOREN-2-YL)-

UPDT:8401 CAS: 57229-41-1 MW: 239.29 MOLFM: C15-H13-N-O2

SYN: 2-ACETYLAMINO-9-FLUORENOL * N-(9-HYDROXYFLUOREN-2-YL)ACETAMIDE * 9-HYDROXY-2-FLUORENYLACETAMIDE

TUMORIGENIC DATA AND REFERENCES:

3V03L60R60 orl-rat TDLo:4644 mg/kg/32W-C CNREA8 15,188,55

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, 2-(HYDROXYIMINO)-N-(2-(1-PIPERIDINYL)ETHYL)-, MONOHYDROCHLORIDE (9CI) see: MD4380000

AC3595000 ACETAMIDE, N-(p-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)BENZYL)-

UPDT:8403 CAS: 34185-02-9 MW: 280.41 MOLFM: C15-H24-N2-O3

SYN: ACETAMIDE, N-((4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)METHYL)- * N-(p-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)BENZYL)ACETAMIDE * N-((4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)METHYL)ACETAMIDE * ICI 72060

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:90 mg/kg PHARAT 30,638,75

AC3600000 ACETAMIDE, 2-(p-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)PHENYL)-

UPDT:8408 CAS: 29122-68-7 MW: 266.38 MOLFM: C14-H22-N2-O3

SYN: ATENOLOL * BENZENEACETAMIDE, 4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)- (9CI) * 1-p-CARBAMOYLMETHYLPHENOXY-3-ISOPROPYLAMINO-2-PROPANOL * 2-(p-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)PHENYL)ACETAMIDE * 4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)BENZENEACETAMIDE * ICI 66082 * TENORMIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34 orl-rat TDLo:21 gm/kg (12W male/2W pre-7D preg) JZKEDZ 6,239,80

1T35 orl-rbt TDLo:5200 mg/kg (6-18D preg) JZKEDZ 6,259,80

1T46 orl-rbt TDLo:260 mg/kg (6-18D preg) JZKEDZ 6,259,80

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3000 mg/kg DRUGAY 17,425,79

* ivn-rat LD50:59 mg/kg DRUGAY 17,425,79

* orl-mus LD50:2000 mg/kg DRUGAY 17,425,79

1C08 ivn-mus LD50:57 mg/kg YACHDS 8,4579,80

* ivn-rbt LD50:50 mg/kg DRUGAY 17,425,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, N-HYDROXY-N-METHYL- (9CI) see: AL0788000

ACETAMIDE, N-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)- (9CI) see: AE4222000

AC3643000 ACETAMIDE, N-(2-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)ETHYL)-

UPDT:8403 CAS: 35132-89-9 MW: 294.44 MOLFM: C16-H26-N2-O3

SYN: N-(2-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)ETHYL)ACETAMIDE

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:88 mg/kg PHARAT 30,638,75

ACETAMIDE, N-((4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO/PROPOXY)PHENYL)METHYL)- see: AC3595000

AC3644000 ACETAMIDE, N-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)-N-METHYL-

UPDT:8403 CAS: 57494-85-6 MW: 280.41 MOLFM: C15-H24-N2-O3

SYN: N-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)-N-METHYLACETAMIDE

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:148 mg/kg PHARAT 30,638,75

AC3645000 ACETAMIDE, N-(3-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)PROPYL)-

UPDT:8403 CAS: 57494-84-5 MW: 308.47 MOLFM: C17-H28-N2-O3

SYN: N-(3-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)PROPYL)ACETAMIDE

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:99 mg/kg PHARAT 30,638,75

AC3650000 ACETAMIDE, 2-HYDROXY-N-METHYL-N-NITRO-, NITRATE (ester)

UPDT:8306 MW: 179.11 MOLFM: C3-H5-N3-O6

SYN: 2-HYDROXY-N-METHYL-N-NITROACETAMIDE NITRATE (ester) * N-NITRO-N-METHYLGLYCOLAMIDE NITRATE (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

AC3662000 ACETAMIDE, N-(4-((2-HYDROXY-5-METHYLPHENYL)AZO)PHENYL)-

UPDT:8412 CAS: 2832-40-8 MW: 269.33 MOLFM: C15-H15-N3-O2

SYN: ACETAMINE YELLOW CG * ACETATE FAST YELLOW G * ACETOQUINONE LIGHT YELLOW * ACETOQUINONE LIGHT YELLOW 4JLZ * ALTCO SPRSE FAST YELLOW GPN NEW * AMACEL YELLOW G * ARTISIL DIRECT YELLOW G * ARTISIL YELLOW G * ARTISIL YELLOW 2GN * CALCOSYN YELLOW GC * CALCOSYN YELLOW GCN * CELLITON DISCHARGE YELLOW GL * CELLITON FAST YELLOW G * CELLITON FAST YELLOW GA * CELLITON FAST YELLOW GA-CF * CELLITON YELLOW G * CELSTATE YELLOW GH * C.I. 11855 * C.I. 3 11855 * CIBACETE YELLOW GBA * CIBACET YELLOW GBA * CIBACET YELLOW 2GC * C.I. DISPERSE YELLOW 3 * CILA FAST YELLOW G * C.I. SOLVENT YELLOW 77 * DIACELLITON FAST YELLOW G * DISPERSE FAST YZELLOW G * DISPERSE YELLOW 3 * DISPERSE YELLOW G * DISPERSE YELLOW Z * DISPERSOL FAST YELLOW G * DISPERSOL PRINTING YELLOW G * DISPERSOL YELLOW A-G * DURGACET YELLOW G * DUROSPERSE YELLOW G * EASTONE YELLOW GN * ESTEROQUINONE LIGHT YELLOW 4JL * ESTONE YELLOW GN * FENACET FAST YELLOW G * FENACET YELLOW G * GENACRON YELLOW G * HISPACET FAST YELLOW G * HISPERSE YELLOW G * N-(4-(2-HYDROXY-5-METHYLPHENYLAZO)PHENYL)ACETAMIDE * 4-((4-HYDROXY-m-TOLYL)AZO)ACETANILIDE * INTERCHEM ACETATE YELLOW G * INTERCHEM DISPERSE YELLOW GH * INTRASPERSE YELLOW GBA * INTRASPERSE YELLOW GBA EXTRA * KAYALON FAST YELLOW G * KAYASET YELLOW G * KCA ACETATE FAST YELLOW G * MICROSETTLE YELLOW GR * MIRETON FAST YELLOW G * NACELAN FAST YELLOW CG * NCI-C53781 * NOVALON YELLOW 2GN * NYLOQUINONE LIGHT YELLOW 4JL * NYLOQUINONE YELLOW 4J * OSTACET YELLOW P2G * PALACET YELLOW GN * PALANIL YELLOW G * PAMACEL YELLOW G-3 * PERLITON YELLOW G * RELITON YELLOW C * RESOREN YELLOW 1G * SAFARTONE YELLOW G * SAMARON YELLOW PA3 * SERINYL HOSIERY YELLOW GD * SERIPLAS YELLOW GD * SERISOL FAST YELLOW GD * SETACYL YELLOW G * SETACYL YELLOW 2GN * SETACYL YELLOW P-2GL * SILOTRAS YELLOW TSG * SUPRACET FAST YELLOW G * SYNTEN YELLOW 2G * SYNTON YELLOW 2G * TERASIL YELLOW GBA EXTRA * TERASIL YELLOW 2GC * TERTRANESE YELLOW N-2GL * TULADISPERSE FAST YELLOW 2G * VONTERYL YELLOW G * VONTERYL YELLOW 8 * YELLOW RELITON G * YELLOW Z

MUTATION DATA AND REFERENCES:

cyt-frg-par 2800 ul/7D CYTBAI 25,175,79

TUMORIGENIC DATA AND REFERENCES:

3V01L60P61 orl-rat TDLo:180 gm/kg/2Y-C NTPTR* NTP-TR-222,82

3V01J60L60 orl-mus TDLo:433 gm/kg/2Y-C NTPTR* NTP-TR-222,82

3V03J60J61 orl-mus TD :216 gm/kg/2Y-C NTPTR* NTP-TR-222,82

3V01L60P61 orl-rat TD :216 gm/kg/2Y-C NTPTR* NTP-TR-222,82

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,97,75

STATUS:

★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NTPTR* NTP-TR-222,82)

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC3662400 ACETAMIDE, 2-HYDROXY-N-METHYL-N-(5,6,7,9-TETRAHYDRO-1,2,3,10-TETRAMETHOXY-9-OXOBENZO(a) HEPTALEN-7-YL)-

UPDT:8406 CAS: 86436-33-1 MW: 429.51 MOLFM: C23-H27-N-O7

SYN: N-METHYLCOLCHIFOLINE

TOXICITY DATA AND REFERENCES:

* ims-mus LD50:6228 ug/kg JMCMAR 26,13e5,83

BEST COPY AVAILABLE

AC3663500 ACETAMIDE, N-(2-HYDROXY-9-OXO-1,3,10-TRIMETHOXY-5,6,7,9-TETRAHYDROBENZO(a)HEPTALEN-7-YL)- 2,2,2-TRIFLUORO-
UPDT:8406 CAS: 86436-40-6 MW: 439.42 MOLFM: C21-H20-F3-N-O6
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:14 mg/kg JMCMAR 26,1365,83
ACETAMIDE, N-HYDROXY-N-2-PHENANTHRENYL- (9CI) see: AL1050000
ACETAMIDE, N-(p-HYDROXYPHENYL)- see: AE4200000
ACETAMIDE, N-(4-HYDROXYPHENYL)- see: AE4200000

AC3851000 ACETAMIDE, 2-HYDROXY-N-PHENYL-
UPDT:8405 CAS: 4746-61-6 MW: 151.18 MOLFM: C8-H9-N-O2
SYN: GLYCOLANILIDE * 2-HYDROXY-N-PHENYLACETAMIDE
TOXICITY DATA AND REFERENCES:
1J24 orl-hmn TDLo:14286 ug/kg JAPMAB 35,50,46
2F07J24 orl-rat LD50:1700 mg/kg JAPMAB 35,50,46
2F07J24 orl-mus LD50:2300 mg/kg JAPMAB 35,50,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETAMIDE, N-HYDROXY-N-(4-(2-PHENYLETHENYL)PHENYL)- (9CI) see: AL1600000

AC4010000 ACETAMIDE, 2-HYDROXY-N-(5,6,7,9-TETRAHYDRO-1,2,3,10-TETRAMETHOXY-9-OXOBENZO(a)HEPTALEN- 7-YL)-, (S)-
UPDT:8406 CAS: 74515-40-5 MW: 415.48 MOLFM: C22-H25-N-O7
SYN: COLCHIFOLINE
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:1620 ug/kg JMCMAR 26,1365,83

AC4011000 ACETAMIDE, 2-HYDROXY-N-(5,6,7,9-TETRAHYDRO-1,2,3,10-TETRAMETHOXY-9-OXOBENZO(a)HEPTALEN- 7-YL)-, ACETATE (ester), (S)-
UPDT:8406 CAS: 86436-34-2 MOLFM: C24-H27-N-O7
SYN: O-ACETYLCOLCHIFOLINE
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:3753 ug/kg JMCMAR 26,1365,83

AC4020000 ACETAMIDE, 2-HYDROXY-N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-10-(METHYLTHIO)-9-OXOBENZO(a) HEPTALEN-7-YL)-, (S)-
UPDT:8408 CAS: 55340-60-8 MW: 431.54 MOLFM: C22-H25-N-O6-S
SYN: COLCHICINE, 10-DEMETHOXY-17-HYDROXY-10-METHYLTHIO-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:944 ug/kg JMCMAR 24,636,81
ACETAMIDE, N-(3-HYDROXY-9,10,11-TRIMETHOXY-5H-DIBENZO(a,c)CYCLOHEPTEN-5-YL)-, (S)- (9CI) see: GH1000000

AC4200000 ACETAMIDE, 2-IODO-
UPDT:8401 CAS: 144-48-9 MW: 184.97 MOLFM: C2-H4-I-N-O
SYN: IODOACETAMIDE * alpha-IODOACETAMIDE * 2-IODOACETAMIDE * MONOIODOACETAMIDE * SURAUTO * USAF D-1
MUTATION DATA AND REFERENCES:
dnd-esc 20 ppm MUREAV 24,365,74
dni-hmn:lym 10 umol/L STBIBN 50,97,75
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1480 mg/kg/20W-I BJCAAI 7,482,53
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:74 mg/kg ARTODN 47,179,81
ipr-mus LDLo:50 mg/kg NTIS** AD277-689
* ivn-mus LD50:56 mg/kg CSLNX* NX#02060
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC4375000 ACETAMIDE, N-(3-IODO-2-FLUORENYL)-
UPDT:8401 CAS: 14722-22-6 MW: 349.18 MOLFM: C15-H12-I-N-O
SYN: 3-IODO-2-FAA * N-(3-IODO-2-FLUORENYL)ACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01D45P61 orl-rat TDLo:3400 mg/kg/44W-C JNCIAM 24,149,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETAMIDE, N-ISOPROPYL-2-MERCAPTO-, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE see: TD8725000
2-ACETAMIDE-4-MERCAPTOBUTYRIC ACID gamma-THIOLACTONE see: AC8680000
ACETAMIDE, 2-MERCAPTO-N-(2-METHOXYETHYL)-, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE see: TE1575000
ACETAMIDE, 2-MERCAPTO-N-METHYL-, S-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TF8050000

AC5775000 ACETAMIDE, N-(1-METHOXYFLUOREN-2-YL)-
UPDT:8401 CAS: 6893-20-5 MW: 253.32 MOLFM: C16-H15-N-O2
SYN: 1-METHOXY-2-ACETAMIDOFLOURENE * 1-METHOXY-2-FAA * N-(1-METHOXYFLUOREN-2-YL)ACETAMIDE * N-(1-METHOXY-2-FLUORENYL)ACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:3300 mg/kg/23W-C CNREA8 28,234,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC5950000 ACETAMIDE, N-(7-METHOXYFLUOREN-2-YL)-
UPDT:8401 CAS: 16690-44-1 MW: 253.32 MOLFM: C16-H15-N-O2
SYN: 7-METHOXY-2-FAA * N-(7-METHOXYFLUOREN-2-YL)ACETAMIDE * N-(7-METHOXY-2-FLUORENYL)ACETAMIDE * 7-METHOXY-N-2-FLUORENYLACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:2740 mg/kg/22W-C CNREA8 28,234,68
3V01D45R60 orl-rat TD :3940 mg/kg/43W-C JNCIAM 24,149,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC5955000 ACETAMIDE, N-(2-(5-METHOXYINDOL-3-YL)ETHYL)-
UPDT:8406 CAS: 73-31-4 MW: 232.31 MOLFM: C13-H16-N-O2
SYN: ACETAMIDE, N-(2-(5-METHOXY-1H-INDOL-3-YL)ETHYL)- (9CI) * N-ACETYL-5-METHOXYTRYPTAMINE * MELATONIN * MELATONINE * 5-METHOXY-N-ACETYLTRYPTAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rat TDLo:27 mg/kg (1D pre) JMCMAR 22,63,79
1T14 ipr-rat TDLo:2800 ug/kg (28D pre) ENDOAO 75,238,64
1T12 ipr-rat TDLo:140 ug/kg (28D pre) SCIEAS 141,277,63
1T29 ipr-rat TDLo:7500 ug/kg (1D pre) CCPTAY 4,385,71
1T14 scu-rat TDLo:1400 ug/kg (28D pre) ENDOAO 75,238,64
1T12 scu-rat TDLo:140 ug/kg (28D pre) ANYAA9 317,228,64
2T12T13 scu-rat TDLo:11500 ug/kg (23D pre) JRPFA4 25,141,71
1T29 scu-rat TDLo:500 ug/kg (1D pre) NUNDAJ 12,354,73
1T29 ivn-rat TDLo:500 ug/kg (1D pre) NUNDAJ 12,354,73
1T29 acu-rat TDLo:375 ug/kg (1D pre) NUNDAJ 12,354,73
1T12 acu-rat TDLo:50 ug/kg (1D pre) NUNDAJ 12,354,73
2T0_T03 par-rat TDLo:36 mg/kg (30D male) JRPFA4 21,363,70
1T14 ipr-mus TDLo:4 mg/kg (19D pre) INJFA3 21,65,76
1T02 par-mus TDLo:14 mg/kg (70D male) BIREBV 23,1069,80
1T03 par-mus TDLo:70 mg/kg (70D male) BIREBV 23,1069,80
1T14 unk-mus TDLo:5600 ug/kg (14D pre) ENDOAO 75,238,64
1T29 scu-rbt TDLo:7500 ug/kg (1D pre) ENDOAO 83,599,68
3T02T03T09 scu-ham TDLo:12 mg/kg (60D male) HRMRA3 15,99,81
2T12T13 scu-ham TDLo:12600 ug/kg (63D pre) NUNDAJ 33,112,81
1T14 scu-ham TDLo:9800 ug/kg (49D pre) NUNDAJ 33,112,81
1T02 scu-ham TDLo:7 mg/kg (35D male) BIREBV 22,277,80
2T02T09 par-ham TDLo:21 mg/kg (15W male) PSEBAA 175,254,84
3T01T02T03 imp-ham TDLo:12480 ug/kg (60D male) SCIEAS 190,280,75
1T01 imp-ham TDLo:4032 ug/kg (42D male) PSEBAA 141,502,76
TUMORIGENIC DATA AND REFERENCES:
3V01P61P62 scu-mus TDLo:4200 mg/kg/20W-I GETREB 28(2),47,83
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#02739
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETAMIDE, N-(2-(5-METHOXY-1H-INDOL-3-YL)ETHYL)- (9CI) see: AC5955000

AC5956000 ACETAMIDE, N-(2-(5-METHOXY-2-METHYL-3-INDOLYL)ETHYL)-
UPDT:8401 CAS: 68935-42-2 MW: 246.34 MOLFM: C14-H18-N2-O2
SYN: N-(2-(5-METHOXY-2-METHYL-3-INDOLYL)ETHYL)ACETAMIDE * 2-METHYLMELATONIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rat TDLo:27 mg/kg (1D pre) JMCMAR 22,63,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC5960000 ACETAMIDE, N-METHYL-
UPDT:8306 CAS: 79-16-3 MW: 73.11 MOLFM: C3-H7-N-O
SYN: METHYLACETAMIDE * N-METHYLACETAMIDE * MONOMETHYLACETAMIDE
MUTATION DATA AND REFERENCES:
mmo-esc 10 gm/L CRSUBM 3,69,55
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:2 gm/kg (7D preg) 85DJA5 -,95,71
1T35 skn-rat TDLo:1200 mg/kg (10-11D preg) TXAPA9 41,35,77
2T34T25 ipr-rat TDLo:2 gm/kg (15-16D preg) 85DJA5 -,95,71
2T34T59 orl-rbt TDLo:1625 mg/kg (6-18D preg) ARZNAD 30,1557,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg JRPFA4 4,219,62
* ipr-rat LD50:2750 mg/kg JRPFA4 4,219,62
3K30L30N30 scu-rat LD50:3600 mg/kg COREAF 251,1937,60
* unk-rat LD50:3200 mg/kg ARZNAD 18,645,68
ipr-mus LD50:6120 mg/kg ARZNAD 20,1242,70
ivn-rbt LDLo:16940 mg/kg ARZNAD 20,1242,70
ivn-ckr LDLo:14 gm/kg ARZNAD 20,1242,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETAMIDE, N-((METHYLAMINO)CARBONYL)-2-((1-(2-METHYLPHENYL)-1H-IMIDAZOL-2-YL)THIO)- see: YT9010000
ACETAMIDE, N-((METHYLAMINO)CARBONYL)-2-((1-PHENYL-1H-IMIDAZOL-2-YL)THIO)- (9CI) see: YT8605000

AC6145200 ACETAMIDE, N-(2-METHYLDIPYRIDO(1,2-a:3',2'-d)IMIDAZOL-4-YL)-
UPDT:8411 MW: 240.29 MOLFM: C13-H12-N4-O
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate MUREAV 136,23,84
mma-sat 100 ug/plate MUREAV 136,23,84

AC6145300 ACETAMIDE, N-(4-METHYLDIPYRIDO(1,2-a:3',2'-d)IMIDAZOL-3-YL)-
UPDT:8411 MW: 240.29 MOLFM: C13-H12-N4-O
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 136,23,84

AC6148500 ACETAMIDE, N-METHYL-N-(4-((7-METHYL-1H-IMIDAZO(4,5-f)QUINOLIN-9-YL)AMINO)PHENYL)-, MONOHYDROCHLORIDE
UPDT:8402 CAS: 5543-65-9 MW: 381.90 MOLFM: C20-H19-N5-O-Cl-H
SYN: ACODAZOLE HYDROCHLORIDE * N-METHYL-N-(4-((7-METHYL-1H-IMIDAZO(4,5-f)QUINOLIN-9-YL)AMINO)PHENYL)ACETAMIDE HCl * NSC 305884
TOXICITY DATA AND REFERENCES:
3F12J22M30 ivn-mus LD50:89950 ug/kg NTIS** PB83-151472

AC6200000 ACETAMIDE, N-(1-METHYL-3-(5-NITRO-2-FURYL)-s-TRIAZOL-5-YL)-
UPDT:8307 CAS: 10187-79-8 MW: 251.23 MOLFM: C9-H9-N5-O4
SYN: ACETAMIDE, N-(1-METHYL-3-(5-NITRO-2-FURYL)-1H-1,2,4-TRIAZOL-5-YL) * s-TRIAZOLE, 5-ACETAMIDO-1-METHYL-3-(5-NITRO-2-FUPYL)-
TOXICITY DATA AND REFERENCES:
orl-mus LD50:600 mg/kg JMCMAR 16,312,73
ipr-mus LD50:300 mg/kg JMCMAR 16,312,73
ACETAMIDE, N-(1-METHYL-3-(5-NITRO-2-FURYL)-1H-1,2,4-TRIAZOL-5-YL)- see: AC6200000

AC6300000 ACETAMIDE, N-METHYL-N-NITROSO-
UPDT:8401 CAS: 7417-67-6 MW: 102.11 MOLFM: C3-H6-N2-O2
SYN: METHYLNITROSOACETAMID (German) * METHYLNITROSOACETAMIDE * N-METHYL-N-NITROSOACETAMIDE * N-NITROSO-N-METHYLACETAMIDE
MUTATION DATA AND REFERENCES:
mma-sat 2 nmol/plate CNREA8 39,1328,79
sln-dmg-par 3000 ppm BPYKAU 4,90,67
mma-smc 6 mmol/L/30M ZEVBA5 95,82,64
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:375 mg/kg/75W-I 27NZAH 2,73,72
2V03K60 orl-rat TD :506 mg/kg/72W-C ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:20 mg/kg ZEKBAI 69,103,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETAMIDE, N-(2-METHYLPHENYL)- (9CI) see: AN2900000
ACETAMIDE, N-(3-METHYLPHENYL)- (9CI) see: AN2875000

AC6336000 ACETAMIDE, N-(alpha-(1-METHYL-1-PIPERIDINOETHYL)BENZYLIDENE)-, MONOHYDROCHLORIDE
UPDT:8409 CAS: 16297-35-1 MW: 308.89 MOLFM: C17-H24-N2-O-Cl-H
SYN: N-(alpha-(1-METHYL-1-PIPERIDINOETHYL)BENZYLIDENE)ACETAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:415 mg/kg JMCMAR 10,495,67

AC6338000 ACETAMIDE, N-(alpha-(1-METHYL-1-PIPERIDINOETHYL)BENZYLIDENE)-2-PHENYL-, HYDROCHLORIDE
UPDT:8409 CAS: 13430-13-2 MW: 372.98 MOLFM: C22-H28-N2-O Cl-H
SYN: 1-(1,1-DIMETHYL-2-PHENACETYLIMINO-2 PHENYLETHYL)PIPERIDINE HYDROCHLORIDE * N-(alpha-(1-METHYL-1-PIPERIDINOETHYL)BENZYLIDENE)PHENACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:435 mg/kg JMCMAR 10,495,67

AC6343500 ACETAMIDE, N-(4-(((4-(((4-METHYL-2-PYRIMIDINYL)(2-(1H-TETRAZOL-5-YL)ETHYL)AMINO)SULFONYL) PHENYL)IMINO)METHYL)PHENYL)-
UPDT:8309 CAS: 78311-77-0 MW: 505.61 MOLFM: C23-H23-N9-O3-S
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:980 mg/kg INDRBA 18,138,81

AC6350000 ACETAMIDE, N-(4-METHYL-2-SULFAMOYL-delta(sup 2)-1,3,4-THIADIAZOLIN-5-YLIDENE)-
UPDT:8307 CAS: 554-57-4 MW: 236.29 MOLFM: C5-H8-N4-O3-S2
SYN: ACETAMIDE, N-(5-(AMINOSULFONYL)-3-METHYL-1,3,4-THIADIAZOL-2(3H)-YLIDENE)- (9CI) * 2-ACETYLIMINO-3-METHYL-delta(sup 4)-1,3,4-THIADIAZOLINE-5-SULFONAMIDE * 5-ACETYLIMINO-4-METHYL-delta(sup 2)-1,3,4-THIADIAZOLINE-2-SULFONAMIDE * METHAZOLAMIDE * METHENAMIDE * NAPTAZANE * NEPTAZANE * NEPTAZANEAT
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2420 mg/kg JMCMAR 18,351,75

BEST COPY AVAILABLE

AC6353000 ACETAMIDE, N-(9-(p-(METHYLSULFONAMIDO)ANILINO)ACRIDIN-3-YL)-, METHANESULFONATE
UPDT:8307 CAS: 53272-15-4 MW: 517.64 MOLFM: C22-H20-N4-O3-S C-H5-O3-S
SYN: ACETAMIDE, N-(9-((4-((METHYLSULFONYL)AMINO)PHENYL)AMINO)-3-ACRIDINYL) METHANESULFONATE * N-(9-(p-(METHYLSULFONAMIDO)ANILINO)ACRIDIN-3-YL)ACETAMIDE METHANESULFONATE

MUTATION DATA AND REFERENCES:
mma-sat 282 umol/L — JMCMAR 22,251,79

TOXICITY DATA AND REFERENCES:
ipr-mus LD10:19 mg/kg — JMCMAR 22,251,79

ACETAMIDE, N-(9-((4-((METHYLSULFONYL)AMINO)PHENYL)AMINO)-3-ACRIDINYL)-, METHANESULFONATE see: AC6353000

AC6370000 ACETAMIDE, N-METHYLTHIO-
UPDT:8409 CAS: 5310-10-1 MW: 89.17 MOLFM: C3-H7-N-S
SYN: ETHANETHIOAMIDE, N-METHYL- (9CI) * N-METHYLTHIOACETAMID (German) * N-METHYLTHIOACETAMIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:30 mg/kg — ARZNAD 19,1073,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, N-2-NAPHTHALENYL- (9CI) see: AC6482700

AC6482700 ACETAMIDE, N-2-NAPHTHYL-
UPDT:8312 CAS: 581-97-5 MW: 185.24 MOLFM: C12-H11-N-O
SYN: ACETAMIDE, N-2-NAPHTHALENYL- (9CI) * 2-ACETAMIDONAPHTHALENE * beta-ACETAMIDONAPHTHALIDE * N-(2-NAPHTHYL)ACETAMIDE

MUTATION DATA AND REFERENCES:
mma-sat 25 ug/plate — MUREAV 118,49,83

ACETAMIDE, N-(6-(2-(5-NITRO-2-FURANYL)ETHENYL)-1,2,4-TRIAZIN-3-YL)- (9CI) see: AC6725000

ACETAMIDE, N-(5-(5-NITRO-2-FURANYL)-1,3,4-THIADAZOL-2-YL)- (9CI) see: AC6500000

AC6492000 ACETAMIDE, N-(3-(5-NITRO-2-FURYL)-6H-1,2,4-OXADIAZINYL)-
UPDT:8401 CAS: 24143-08-6 MW: 252.21 MOLFM: C9-H8-N4-O5
SYN: 5-ACETAMIDO-3-(5-NITRO-2-FURYL)-6H-1,2,4-OXADIAZINE * N-(3-(5-NITRO-2-FURYL)-6H-1,2,4-OXADIAZINYL)ACETAMIDE * 6H-1,2,4-OXADIAZINE, 5-ACETAMIDO-3-(5-NITRO-2-FURYL)-

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — MUREAV 40,9,76
dnr-sat 500 nmol/well — CNREAB 34,2266,74
mma-esc 300 nmol/well — CNREAB 34,2266,74
mrc-esc 500 nmol/well — CNREAB 34,2266,74
pic-esc 500 ug/L — MUREAV 26,3,74

TUMORIGENIC DATA AND REFERENCES:
3V01H60L60 orl-rat TDLo:21 gm/kg/28W-C — CNREAB 29,2212,69

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC6495000 ACETAMIDE, N-((3-(5-NITRO-2-FURYL)-1,2,4-OXAZOL-5-YL)METHYL)-
UPDT:8401 CAS: 36133-88-7 MW: 252.21 MOLFM: C9-H8-N4-O5
SYN: N-((3-(5-NITRO-2-FURYL)-1,2,4-OXADIAZOLE-5-YL)METHYL)ACETAMIDE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — MUREAV 40,9,76
dnr-sat 500 nmol/well — CNREAB 34,2266,74
mma-esc 300 nmol/well — CNREAB 34,2266,74
mrc-esc 500 nmol/well — CNREAB 34,2266,74

TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 orl-rat TDLo:11 gm/kg/46W-C — JNCIAM 54,841,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC6500000 ACETAMIDE, N-(5-(5-NITRO-2-FURYL)-1,3,4-THIADIAZOL-2-YL)-
UPDT:8401 CAS: 2578-75-9 MW: 254.24 MOLFM: C8-H6-N4-O4-S
SYN: ACETAMIDE, N-(5-(5-NITRO-2-FURANYL)-1,3,4-THIADIAZOL-2-YL)- (9CI) * FUROTHIAZOLE (the bactericide) * N-(5-(5-NITRO-2-FURYL)-1,3,4-THIADIAZOL-2-YL)ACETAMIDE

MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate — MUREAV 48,295,77
dnr-sat 500 nmol/well — CNREAB 34,2266,74
mma-esc 300 nmol/well — CNREAB 34,2266,74
mrc-esc 500 nmol/well — CNREAB 34,2266,74

TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:33 gm/kg/40W-C — JNCIAM 54,841,75
3V02K60P61 orl-mus TDLo:80 gm/kg/48W-C — CNREAB 33,1593,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC6650000 ACETAMIDE, N-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)-
UPDT:8401 CAS: 531-82-8 MW: 253.25 MOLFM: C9-H7-N3-O4-S
SYN: 2-ACETAMIDO-4-(5-NITRO-2-FURYL)THIAZOLE * 2-ACETAMINO-4-(5-NITRO-2-FURYL)THIAZOLE * 2-ACETYLAMINO-4-(5-NITRO-2-FURYL)THIAZOLE * AS17665 * FURATHIAZOLE * FURIUM * FUROTHIAZOLE * NFTA * N-(4-(5-NITRO-2-FURANYL)-2-THIAZOLYL)ACETAMIDE * N-(4-(5-NITRO-2-FURYL)-2 THIAZOLYL)ACETAMIDE * N-(4-(5-NITRO-2-FURYL)-THIAZOLE 2-ACETAMIDO-4-(5-NITRO-2-FURYL) * THIAZOLE, 2-ACETAMINO-4-(5-NITRO-2-FURYL)- * THIAZOLE, 2-ACETYLAMINO-4-(5-NITRO-2-FURYL)-

MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate — MUREAV 40,9,76
dnr-sat 500 nmol/well — CNREAB 34,2266,74
mma-esc 300 nmol/well — CNREAB 34,2266,74
mrc-esc 500 nmol/well — CNREAB 34,2266,74

TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 orl-rat TDLo:43 gm/kg/46W-C — CNREAB 30,936,70
3V01K60P61 orl-mus TDLo:2400 mg/kg/14W-C — CNREAB 30,2320,70
3V03L60R60 orl-dog TDLo:27 gm/kg/2Y-C — JNCIAM 45,535,70
3V01M60N61 orl-ham TDLo:26 gm/kg/48W-C — JNCIAM 51,941,73
3V02M61R60 orl-rat TD :47 gm/kg/46W-C — JNCIAM 54,841,75
3V01K60P61 orl-mus TD :6000 mg/kg/14W-C — CNREAB 38,1398,78
3V01J60P61 orl-mus TD :5040 mg/kg/12W-C — CNREAB 41,1397,81
3V01K60P61 orl-mus TD :12 gm/kg/14W-C — CNREAB 33,1593,73
3V02M61R60 orl-rat TD :52 gm/kg/46W-C — JNCIAM 54,841,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 7,185,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 1,181,72

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC6700000 ACETAMIDE, N-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)-2,2,2-TRIFLUORO-
UPDT:8401 CAS: 42011-48-3 MW: 307.22 MOLFM: C9-H4-F3-N3-O4-S
SYN: N-(4-(5 NITRO-2-FUR * 2-THIAZOLYL)-2,2,2-TRIFLUOROACETAMIDE * 2-(2,2,2-TRIFLUOROACETAMIDO)-4-(5 NITRO-2-FURYL)-2 THIAZOLYL)ACETAMIDE * 2,2,2-TRIFLUORO-N-(4-(5-NITRO-2-FURYL)-2 THIAZOLYL)ACETAMIDE

MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate — MUREAV 48,295,77
dnr-sat 500 nmol/well — CNREAB 34,2266,74
mma-esc 300 nmol/well — CNREAB 34,2266,74
mrc-esc 500 nmol/well — CNREAB 34,2266,74
pic-esc 500 ug/L — MUREAV 26,3,74

TUMORIGENIC DATA AND REFERENCES:
3V01R60T64 orl-rat TDLo:18 gm/kg/46W-C — JNCIAM 54,841,75
3V01K60P61 orl-mus TDLo:108 gm/kg/46W-C — CNREAB 33,1593,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC6725000 ACETAMIDE, N-(6-(2-(5-NITRO-2-FURYL)VINYL)-as-TRIAZIN-3-YL)-
UPDT:8305 CAS: 1789-26-0 MW: 275.25 MOLFM: C11-H9-N5-O4
SYN: ACETAMIDE, N-(6-(2-(5-NITRO-2-FURANYL)ETHENYL)-1,2,4-TRIAZIN-3-YL)- (9CI) * 3-ACETYLAMINO-6-(5-NITRO-2-FURYLETHENYL)-1,2,4-TRIAZINE * ACETYLFURATRIZINE * 6-(5-NITRO-2-FURYLVINYL)-3-ACETAMINO-1,2,4-TRIAZINE * N-(6-(2-(5-NITRO-2-FURYL)VINYL)-as-TRIAZIN-3-YL)ACETAMIDE * PANFURAN ACETATE * PANFURAN TROCHE

MUTATION DATA AND REFERENCES:
mma-esc 1 mg/L — IDZAAW 52,309,77
pic-esc 30 mg/L — IDZAAW 52,309,77

AC6730000 ACETAMIDE, N-(3-NITRO-9-OXO-2-FLUORENYL)-
UPDT:8305 MW: 282.27 MOLFM: C15-H10-N2-O4
SYN: 2-ACETAMIDO-3-NITRO-9-FLUORENONE * N-(3-NITRO-9-OXO-2-FLUORENYL)ACETAMIDE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — CALEDQ 15,209,82

ACETAMIDE, N-(5-NITRO-2-THIAZOLYL)- see: XJ1570000

AC6770000 ACETAMIDE, N-NONYL-
UPDT:8310 MW: 185.35 MOLFM: C11-H23-N-O
SYN: N-NONYLACETAMIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg — CSLNX* NX#09667

AC6800000 ACETAMIDE, N,N'-OCTAMETHYLENEBIS(2,2-DICHLORO-
UPDT:8411 CAS: 1477-57-2 MW: 366.14 MOLFM: C12-H20-Cl6-N2-O2
SYN: ACETAMIDE, N,N'-1,8-OCTANEDIYLBIS(2,2-DICHLORO- * BIS-DIAMINE * N,N'-BIS(DICHLOROACETYL)-1,8-DIAMINOOCTANE * N,N'-BIS(DICHLOROACETYL)-1,8-OCTAMETHYLENEDIAMINE * N,N'-BIS(DICHLOROACETYL)-1,8-OCTANEDIAMINE * N,N'-BIS(DICHLOROACETYL)-1,8-OCTANEDIAMINE * FERTILYSIN * N,N'-OCTAMETHYLENEBIS(2,2'-DICHLOROACETAMIDE) * R-010-TX * WIN 18441 * WIN 18,446

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 orl-man TDLo:150 mg/kg (42D male) — TXAPA9 3,1,61
1T01 orl-man TDLo:2 gm/kg (70D male) — EMPSAL 2,107,63
1T01 orl-man TDLo:943 mg/kg (50D male) — 15QWAW -,93,65
1T01 orl-rat TDLo:2250 mg/kg (3W male) — EXMPA6 1,251,62
1T02 orl-rat TDLo:1313 mg/kg (21D male) — INJFAJ 11,291,66
2T49T54 orl-rat TDLo:100 mg/kg (10-11D preg) — TJADAB 26,155,82
3T47T48T50 orl-rat TDLo:1 gm/kg (11-12D preg) — TJADAB 18,5,78
3T43T45T46 orl-rat TDLo:1 gm/kg (11-12D preg) — TJADAB 18,5,78
3T25T71T75 orl-rat TDLo:50 mg/kg (10-11D preg) — TJADAB 26,155,82
3T43T45T47 unk-rat TDLo:2 gm/kg (9-10D preg) — TJADAB 28,10A,83
2T48T53 unk-rat TDLo:2 gm/kg (9-10D preg) — TJADAB 28,10A,83
3T42T43T46 orl-mus TDLo:6400 mg/kg (8-9D pre.g) — TJADAB 30(1),13A,84
1T02 orl-man TDLo:1875 mg/kg (30D male) — IJEBA6 18,1217,80

TOXICITY DATA AND REFERENCES:
1K13 orl-man TDLo:943 mg/kg/50D — 15QWAW -,93,65
ipr-mus LDLo:150 mg/kg — TXAPA9 23,288,72

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1981
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, N,N'-1,8-OCTANEDIYLBIS(2,2-DICHLORO- see: AC6800000

AC6960000 ACETAMIDE, N-(4-OXO-2,5-CYCLOHEXADIEN-1-YLIDENE)-
UPDT:8405 CAS: 50700-49-7 MW: 149.16 MOLFM: C8-H7-N-O2
SYN: ACETIMIDOQUINONE * N-ACETYL-p-BENZOQUINONE IMINE * N-ACETYL-p-QUINONIMINE * 2,5-CYCLOHEXADIEN-1-ONE, 4-ACETYLIMINO- * NAPQI * N-(4-OXO-2,5-CYCLOHEXADIENYLIDENE)ACETAMIDE * N-(4-OXO-2,5-CYCLOHEXADIEN-1-YLIDENE)ACETAMIDE

TOXICITY DATA AND REFERENCES:
1P02 ipr-mus LD50:20 mg/kg — JMCMAR 25,885,82

AC7000000 ACETAMIDE, N-(9-OXO-2-FLUORENYL)-
UPDT:8401 CAS: 3096-50-2 MW: 237.27 MOLFM: C15-H11-N-O2
SYN: ACETAMIDE, N-(9-(9H)FLUOREN-2-YL)- (8CI) * ACETAMIDE, N-(9-OXO-9H-FLUOREN-2-YL)- (9CI) * 2-ACETYLAMINOFLUORENONE * 2-ACETYLAMINO-9-FLUORENONE * 9-OXO-2-FLUORENYLACETAMIDE * N-(9-OXO-2-FLUORENYL)ACETAMIDE

TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:4740 mg/kg/32W-C — CNREAB 15,188,55
3V01D45R60 orl-rat TD :6075 mg/kg/65W-C — JNCIAM 24,149,60

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, N-(9-OXOFLUOREN-2-YL)- (8CI) see: AC7000000

ACETAMIDE, N-(9-OXO-9H-FLUOREN-2-YL)- (9CI) see: AC7000000

AC7032000 ACETAMIDE, N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)-
UPDT:8405 MW: 204.25 MOLFM: C11-H12-N2-O2
SYN: N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)ACETAMIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg — FRPSAX 38,199,83

ACETAMIDE, N-2-PHENANTHRENYL- (9CI) see: AC7175000

ACETAMIDE, N-3-PHENANTHRENYL- (9CI) see: AC7350000

ACETAMIDE, N-9-PHENANTHRENYL- (9CI) see: AC7525000

AC7175000 ACETAMIDE, N-2-PHENANTHRYL-
UPDT:8401 CAS: 4120-77-8 MW: 235.30 MOLFM: C16-H13-N-O
SYN: ACETAMIDE, N-2-PHENANTHRENYL- (9CI) * 2-ACETAMIDOPHENANTHRENE * 2-ACETAMINOPHENANTHRENE * 2-ACETYLAMINOPHENANTHRENE * 2-PHENANTHRYLACETAMIDE * N-2-PHENANTHRYLACETAMIDE

MUTATION DATA AND REFERENCES:
dnr-ham:fbr 1 umol/L — JNCIAM 54,1287,75

TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:900 mg/kg/13W-C — CNPSAB 19,210,59
2V03R60 scu-rat TDLo:75 mg/kg/3W-I — CNREAB 26,2239,65
2V03R60 orl-rat TD :300 mg/kg/3D-I — ZEKBAI 72,321,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC7350000 ACETAMIDE, N-3-PHENANTHRYL-
UPDT:8401 CAS: 4120-78-9 MW: 235.30 MOLFM: C16-H13-N-O
SYN: ACETAMIDE, N-3-PHENANTHRENYL- (9CI) * 3-ACETAMIDOPHENANTHRENE * 3-ACETAMINOPHENANTHRENE * 3-ACETYLAMINOPHENANTHRENE * N-3-PHENANTHRYLACETAMIDE

TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:4372 mg/kg/32W-C — CNREAB 15,188,55
2V03V10 ims-mus TDLo:80 mg/kg — ZEKBAI 72,321,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC7525000 ACETAMIDE, N-9-PHENANTHRYL-
UPDT:8401 CAS: 4235-09-0 MW: 235.30 MOLFM: C16-H13-N-O
SYN: ACETAMIDE, N-9-PHENANTHRENYL- (9CI) * 9-ACETAMIDOPHENANTHRENE * 9-ACETAMINOPHENANTHRENE * 9-ACETYLAMINOPHENANTHRENE * 9-PHENANTHRYLACETAMIDE * N-9-PHENANTHRYLACETAMIDE

TUMORIGENIC DATA AND REFERENCES:
2V03P61 ims-mus TDLo:80 mg/kg — ZEKBAI 72,321,69

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC7670000 ACETAMIDE, 2-PHENOXY-N-(5,6,7,9-TETRAHYDRO-9-OXO-1,2,3,10-TETRAMETHOXYBENZO(a)HEPTALEN- 7-YL)-, (S)-
UPDT:8406 CAS: 86436-45-5 MW: 491.58 MOLFM: C28-H29-N-O7
SYN: N-(PHENOXYACETYL)DEACETYLCOLCHICINE

TOXICITY DATA AND REFERENCES:
* ims-mus LD50:30 mg/kg JMCMAR 26,1365,83

ACETAMIDE, N-PHENYL- see: AD7350000
ACETAMIDE, N-(4-(PHENYLAZO)PHENYL)- (9CI) see: AE6300000
ACETAMIDE, N,N'-(1,4-PHENYLENEBIS(METHYLENE))BIS(2,2-DICHLORO-N-ETHYL- (9CI) see: AC7732000

AC7730000 ACETAMIDE, N,N'-(p-PHENYLENE)BIS(2,2,2-TRICHLORO-
UPDT:8307 CAS: 4237-73-2 MW: 398.98 MOLFM: C10-H6-Cl6-N2-O2
SYN: N,N' BIS(TRICHLOROACETYL)-p-PHENYLENEDIAMINE * N,N' (p-PHENYLENE)BIS(2,2,2-TRICHLOROACETAMIDE)

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#04947

AC7732000 ACETAMIDE, N,N'-(p-PHENYLENEDIMETHYLENE)BIS(2,2-DICHLORO-N-ETHYL-
UPDT:8305 CAS: 1477-20-9 MW: 420.26 MOLFM: C16-H26-Cl4-N2-O2
SYN: ACETAMIDE, N,N'-(1,4-PHENYLENEBIS(METHYLENE))BIS(2,2-DICHLORO-N-ETHYL- (9CI) * N,N'-BIS(DICHLOROACETYL)-N,N'-DIETHYL-1,4-XYLYLENEDIAMINE * N,N'-(p-PHENYLENEDIMETHYLENE)BIS(2,2-DICHLORO-N-ETHYLACETAMIDE) * WIN 13.099

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 orl-man TDLo:600 mg/kg (42D male) TXAPA9 3,1,61
1T01 orl-man TDLo:2 gm/kg (70D male) EMPSAL 2,107,63
1T02 orl-rat TDLo:2250 mg/kg (18D male) ENDOAO 69,819,61
1T01 orl-rat TDLo:5250 mg/kg (21D male) TXAPA9 2,715,60
1T01 orl-dog TDLo:20700 mg/kg (23W male) EXMPA6 1,251,62
1T01 orl-mky TDLo:36 gm/kg (24W male) EXMPA6 1,251,62

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, N-(4-(2-PHENYLETHENYL)PHENYL)- (9CI) see: AE7000000
ACETAMIDE, N-(PHENYLMETHYL)- (9CI) see: AB4546300

AC7840000 ACETAMIDE, N-PYREN-2-YL-
UPDT:8401 CAS: 1732-14-5 MW: 259.32 MOLFM: C18-H13-N-O
SYN: 2-ACETYLAMINOPYRENE * N-PYREN-2-YLACETAMIDE

TUMORIGENIC DATA AND REFERENCES:
3V02L60R60 orl-rat TDLo:5508 mg/kg/32W-C CNREA8 15,188,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC8070000 ACETAMIDE, 2-(p-(1-PYRROLYL)PHENYL)-N-(2-THIAZOLYL)-
UPDT:8309 MW: 283.37 MOLFM: C15-H13-N3-O-S
SYN: 2-(p-(1-PYRROLYL)PHENYL)-N-(2-THIAZOLYL)ACETAMIDE * 2-THIAZOLAMIDE deriv. ACIDO 4-(1-PIRROLIL)FENILACETICO (Ital an)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1700 mg/kg FRPSAX 38,90,83
* ipr-mus LD50:1570 mg/kg FRPSAX 38,90,83

AC8225000 ACETAMIDE, N-(5-SULFAMOYL-1,3,4-THIADIAZOL-2-YL)-
UPDT:8408 CAS: 59-66-5 MW: 222.26 MOLFM: C4-H6-N4-O3-S2
SYN: ACETAMIDE, N-(5-AMINOSULFONYL)-1,3,4-THIADIAZOL-2-YL)- * 5-ACETAMIDE-1,3,4-THIADIAZOLE-2-SULFONAMIDE * 2-ACETAMIDO-5-SULFONAMIDO-1,3,4-THIADIAZOLE * ACETAMIDOTHIADIAZOLESULFONAMIDE * ACETAMOX * ACETAZOLAMI * ACETAZOLAMIDE * ACETAZOLEAMIDE * ACETOZALAMIDE * 2-ACETYLAMINO-1,3,4-THIADIA OLE-5-SULFONAMIDE * N-(5-(AMINOSULFONYL)-1,3,4-THIADIAZOL-2-YL)ACETAMIDE * CARBONIC ANHYDRASE INHIBITOR NO 6604 * CI-AMEX * DIFELTRAN * DEHYDRATIN * DIACARB * DIAKARB * DIAMOX * 4-DIAMOX * DIDOC * DILURAH * DIURAMID * DIURETICUM-HOLZINGER * DIURIWAS * DIUTAZOL * DONMOX * DURAMID * EDEMOX * EUMICTON * FONURIT * GLAUPAX * GLUPAX * NATRIONEX * NEPHRAMID * NEPHRAMIDE * PHONURIT * N-(5-SULFAMOYL-1,3,4-THIADIAZOL-2-YL)ACETAMIDE * 1,3,4-THIADIAZOLE-2-SULFONAMIDE, 5-ACETAMIDO- * VETAMOX * VETAMOX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:6600 mg/kg (1-22D preg) JHMJAX 130,105,72
1T46 orl-rat TDLo:240 mg/kg (9-10D preg) 81EPA5 53,5,72
2T25T35 orl-rat TDLo:3300 mg/kg (1-22D preg) TJADAB 1,51,68
1T46 ipr-rat TDLo:800 mg/kg (10-11D preg) 81EPA5 53,5,72
1T59 ipr-rat TDLo:1800 mg/kg (10-12D preg) TJADAB 6,239,72
1T46 scu-rat TDLo:1 gm/kg (11-12D preg) JHMJAX 130,105,72
1T46 scu-rat TDLo:1200 mg/kg (10-11D preg) TJADAB 15,253,77
1T59 scu-rat TDLo:1 gm/kg (11D preg) TJADAB 6,239,72
2T34T46 orl-mus TDLo:300 mg/kg (9-10D preg) TJADAB 29,427,84
3T24T25T29 orl-mus TDLo:6 gm/kg (6-15D preg) DCTODJ 3,83,80
3T34T41T43 orl-mus TDLo:6 gm/kg (6-15D preg) DCTODJ 3,83,80
3T45T46T53 orl-mus TDLo:6 gm/kg (6-15D preg) DCTODJ 3,83,80
3T25T35T46 orl-mus TDLo:2 gm/kg (8-9D preg) TJADAB 27,33A,83
1T25 orl-mus TDLo:1500 mg/kg (9-10D preg) TJADAB 29,427,84
1T46 ipr-mus TDLo:1 gm/kg (10D preg) TJADAB 11,31,75
1T25 ipr-mus TDLo:2 gm/kg (10D preg) TJADAB 11,31,75
1T43 ipr-mus TDLo:200 mg/kg (8D preg) TJADAB 25(2),28A,82
1T46 scu-mus TDLo:200 mg/kg (8D preg) TJADAB 23,26A,81
2T46T73 par-mus TDLo:1 gm/kg (9D preg) TJADAB 29(2),35A,84
1T46 unk-mus TDLo:4 gm/kg (9D preg) TJADAB 25(2),49A,82
1T43 unk-mus TDLo:2 gm/kg (9D preg) TJADAB 29(2),39A,84

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1175 mg/kg RPTOAN 39,255,76
* scu-mus LD50:3 mg/kg NIIRDN 6,15,82
* ivn-mus LD50:3 mg/kg NIIRDN 6,15,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JAMAAP 240,251,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC8400000 ACETAMIDE, N-(5-SULFAMOYL-1,3,4-THIADIAZOL-2-YL)-, MONOSODIUM SALT
UPDT:8405 CAS: 1424-27-7 MW: 244.24 MOLFM: C4-H5-N4-O3-S2-Na
SYN: ACETAMIDE, N-(5-(AMINOSULFONYL)-1,3,4-THIADIAZOL-2-YL)-, MONOSODIUM SALT (9CI) * ACETAZOLAMIDE SODIUM * ACETAZOLAMIDE SODIUM SALT * SODIUM ACETAZOLAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T35T46 ipr-rat TDLo:1 gm/kg (10D preg) TJADAB 1,51,68
2T35T46 scu-rat TDLo:1 gm/kg (10D preg) TJADAB 1,51,63
1T46 orl-mus TDLo:850 mg/kg (10D preg) TJADAB 28,355,83
2T41T46 scu-mus TDLo:1 gm/kg (8D preg) TJADAB 10,221,74
1T43 scu-mus TDLo:200 mg/kg (8D preg) TJADAB 27,51,83
2T27T81 scu-mus TDLo:1 gm/kg (8D preg) TJADAB 28,45,83
1T35 scu-mus TDLo:3 gm/kg (9-11D preg) TJADAB 28,45,83
1T46 scu-mus TDLo:200 mg/kg (8D preg) TJADAB 28,45,83
3T26T34T33 scu-rbt TDLo:1500 mg/kg (13D preg) TJADAB 15,199,77
1T46 scu-rbt TDLo:1500 mg/kg (13D preg) TJADAB 15,199,77
1T46 ipr-ham TDLo:300 mg/kg (8D preg) TJADAB 4,95,71
1T41 ipr-ham TDLo:600 mg/kg (8D preg) TJADAB 4,95,71
1T46 ivg-ham TDLo:110 mg/kg (8D preg) TJADAB 7,209,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC8450000 ACETAMIDE, N-SULFAMIDYL-
UPDT:8400 CAS: 144-80-9 MW: 214.26 MOLFM: C8-H10-N2-O5-S
SYN: A-500 * ACETAMIDE, N-((4-AMINOPHENYL)SULFONYL)- (9CI) * ACETOCID * ACETOSULFAMIN * ACETOSULFAMINE * N-ACETYL-4-AMINOBENZENESULFONAMIDE * N(sup 1)-ACETYL-4-AMINOPHENYLSULFONAMIDE * N-ACETYLSULFANILAMIDE * N-ACETYLSULFANILAMIDE * N(sup 1)-ACETYLSULFANILAMIDE * N-ACETYLSULFANILAMINE * ALBAMINE * ALBUCID * ALESTEN * p-AMINOBENZENESULFONACETAMIDE * N-(4-AMINOPHENYL)SULFONYLACETAMIDE * BLEPH 10 LIQUIFILM * FORMOSULFACETAMIDE * ISOPTO CETAMIDE * OPHTHELS * OP SULFA 30 * REGION * SEBIZON * STERAMIDE * SULAMYD * SULF-10 * SULFACET * SULFACETAMIDE * SULFACYL * SULFANILACETAMIDE * SULFANILAMIDE, N(sup 1)-ACETYL- * N-SULFANILYLACETAMIDE * SULPHACETAMIDE * SULPHASIL * UROSULFON * UROSULFONE

MUTATION DATA AND REFERENCES:
sln-smc 2 gm/L EVHPAZ 31,97,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:10 gm/kg (10D preg) PROFAS 14,89,68

TOXICITY DATA AND REFERENCES:
orl-mus LD50:16500 mg/kg 8SESA3 9,14,76
orl-dog LD50:8000 mg/kg JOURAA 47,183,42
orl-rbt LDLo:5000 mg/kg JOURAA 47,183,42

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETAMIDE, N,N'-(SULFONYLDI-4,1-PHENYLENE)BIS- (9CI) see: AE7175000

AC8520000 ACETAMIDE, p-TERPHENYL-4-YL-
UPDT:8401 CAS: 64058-92-0 MW: 287.38 MOLFM: C20-H17-N-O
SYN: 4-ACETYLAMINO-p-DIPHENYLBENZENE * 4-ACETYLAMINO-p-TERPHENYL * p-TERPHENYL-4-YLACETAMIDE

TUMORIGENIC DATA AND REFERENCES:
3V03K60R60 orl-rat TDLo:7000 mg/kg/43W-C CNREA8 16,525,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC8587000 ACETAMIDE, N-(4,6,7,8-TETRAHYDRO-3,13-DIMETHOXY-4-OXOHEPTALENO(1,2-f)(1,3)BENZODIOXOL- 6-YL)-, (S)-
UPDT:8406 CAS: 6877-25-4 MW: 383.43 MOLFM: C21-H21-N-O6
SYN: CORNIGERINE

TOXICITY DATA AND REFERENCES:
* ims-mus LD50:3721 ug/kg JMCMAR 26,1365,83

AC8650000 ACETAMIDE, N-(1,2,3,4-TETRAHYDRO-2-METHYLISOQUINOLIN-5-YL)-
UPDT:8310 CAS: 27536-05-6 MW: 204.30 MOLFM: C12-H16-N2-O
SYN: ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-5-ACETAMIDO-2-METHYL

TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:31 mg/kg JMCMAR 16,332,73

AC8680000 ACETAMIDE, N-(TETRAHYDRO-2-OXO-3-THIENYL)-
UPDT:8403 CAS: 1195-16-0 MW: 159.22 MOLFM: C6-H9-N-O2-S
SYN: 2-ACETAMIDO-4-MERCAPTOBUTYRIC ACID THIOLACTONE * 2-ACETAMIDE-4-MERCAPTOBUTYRIC ACID gamma-THIOLACTONE * alpha-ACETAMIDO-gamma THIOBUTYROLACTONE * N-ACETYLHOMOCYSTEINE THIOLACTONE * N-ACETYLHOMOCYSTEINTHIOLAKTON (German) * ACHTL * AMCTL * BO 714 * CITIOLASE * CITIOLONE * N-(TETRAHYDRO-2-OXO-3-THIENYL)ACETAMIDE * THIOXIDRENE

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1950 mg/kg MEIEDD 10,329,83
ivn-mus LD50:1200 mg/kg ARZNAD 8,72,58

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACETAMIDE, N-(5,6,7,9-TETRAHYDRO-1,2,3,10-TETRAMETHOXY-9-OXOBENZO(alpha)HEPTALEN-7-YL)- see: GM0700000

AC8752000 ACETAMIDE, N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-9-OXOBENZO(a)HEPTALEN-7-YL)-, (S)-
UPDT:8408 CAS: 518-15-0 MW: 369.45 MOLFM: C21-H23-N-O5
SYN: COLCHICIDE * 10-DEMETHOXYCOLCHICINE * (S)-N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-9-OXOBENZO(a)HEPTALEN-7-YL)ACETAMIDE

TOXICITY DATA AND REFERENCES:
* ims-mus LD50:62 mg/kg JMCMAR 26,1365,83

AC8755000 ACETAMIDE, N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-9-OXO-10-((PHENYLMETHYL)AMINO)BENZO(a) HEPTALEN-7-YL)-, (S)-
UPDT:8412 CAS: 76129-15-2 MW: 474.60 MOLFM: C28-H30-N2-O5
SYN: COLCHICINE, 10-(BENZYLAMINO)-10-DEMETHOXY-

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:25 mg/kg JMCMAR 24,636,81

AC8756000 ACETAMIDE, N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-9-OXO-10-((PHENYLMETHYL)THIO)BENZO(a) HEPTALEN-7-YL)-, (S)-
UPDT:8408 CAS: 76129-12-9 MW: 491.64 MOLFM: C28-H29-N-O5-S
SYN: COLCHICINE, 10-(BENZYLTHIO)-10-DEMETHOXY-

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:30 mg/kg JMCMAR 24,636,81

AC8760000 ACETAMIDE, N-((1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHIN-3-YL)METHYL)-, HYDROCHLORIDE
UPDT:8305 CAS: 74626-45-2 MW: 463.02 MOLFM: C24-H30-N2-O4-.Cl-H
SYN: N-((1,2,9,10-TETRAMETHOXY 6a-alpha APORPHIN-3-YL)METHYL)ACETAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F11F19 ipr-mus LD50:420 mg/kg APPBDI 5,3,79

AC8771000 ACETAMIDE, N-(4-(((4-(((2-(1H-TETRAZOL-5-YL)ETHYL)-2-THIAZOLYLAMINO)SULFONYL)PHENYL)IMINO) METHYL)PHENYL)-
UPDT:8309 CAS: 78311-71-4 MW: 496.61 MOLFM: C21-H20 N8-O3-S2
TOXICITY DATA AND REFERENCES:
1Y35 ipr-mus LD50:750 mg/kg INDRBA 18,138,81

AC8774000 ACETAMIDE, N-2-THENYL-
UPDT:8303 CAS: 21403-24-7 MW: 155.22 MOLFM: C7-H9-N-O-S
SYN: 2-THENYLACETAMIDE

TOXICITY DATA AND REFERENCES:
3A11F17F25 scu-mus LD50:250 mg/kg AIPTAK 127,220,63
5-ACETAMIDE-1,3,4-THIADIAZOLE-2-SULFONAMIDE see: AC8225000

AC8925000 ACETAMIDE, THIO-
UPDT:8406 CAS: 62-55-5 MW: 75.14 MOLFM: C2-H5-N-S
SYN: ACETOTHIOAMIDE * ETHANETHIOAMIDE * RCRA WASTE NUMBER U218 * TAA * THIACETAMIDE * THIOACETAMIDE * USAF CB-21 * USAF EK-1719

MUTATION DATA AND REFERENCES:
mrc-esc 400 ug/well MUREAV 46,53,77
dnd-esc 50 umol/L MUREAV 89,95,81
sln-dmg-orl 100 ppm/24H MUREAV 58,259,78
sln-dmg-par 2500 ppm MUREAV 58,259,78
mma-smc 19900 umol/L MGGEAE 174,39,79
mrc-smc 3000 ppm JJINDB 62,901,79
cyt-hmn-fbr 1 gm/L BJCAAI 42,112,80
otr-rat-emb 30 mg/L JJINDB 67,1303,81
dnd-rat-ipr 60 mg/kg CNREA8 36,4647,76
dnd-rat-ivn 300 mmol/L SinJF# 26OCT82
dns-rat-cyl 2940 mg/kg/12W-I CNREA8 29,2039,69
cyt-rat-ipr 150 mg/kg JNCIAM 46,49,71

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

cyt-rat-par 150 mg/kg ECREAL 55,435,69
hma-mus-sat 125 mg/kg JJINDB 62,911,79
otr-ham-emb 100 ug/l IJCNAW 19,642,77
mnt-mky-kdy 100 mg/l ECREAL 57,193,69
cyt-mky-kdy 50 mg/l ECREAL 57,193,69

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-rat TDLo:1 gm/kg (7D preg) BCSCAS -93,71
2Y33T51 ipr-rat TDLo:150 mg/kg (9-11D preg) FMCYAI 8,11,70
1T34 scu-mus TDLo:1935 mg/kg (6-14D preg) NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:1008 mg/kg 9W-C NATUAS 175,257,55
2V02L60 orl-mus TDLo:10 gm/kg 39W-C BJCAAI 24,498,70
2V03M0L60 orl-rat TD :6000 mg/kg 43W-C ONCOBS 38,249,81
2V03L60 orl-rat TD :7200 mg/kg 51W-C ONCOBS 38,249,81
2V03L60 orl-rat TD :9000 mg/kg 64W-C ONCOBS 38,249,81
2V03J60L60 orl-rat TD :9900 mg/kg 71W-C ONCOBS 38,249,81
2V03L60 orl-rat TD :1600 mg/kg 12W-C CNREAS 28,1703,68
3V03L60T62 orl-rat TD :5140 mg/kg 47W-C JPBAA7 72,415,58
2V03L60 orl-rat TD :7665 mg/kg 1Y-C JJINDB 71,553,83
2V03L60 orl-mus TD :7956 mg/kg/32W-C JNCIAM 56,493,76
2V03L60 orl-rat TD :4320 mg/kg 34W-C ECEBDI 45,34,77

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:200 mg/kg JIHTAB 31,158,49
ipr-mus LD50:300 mg/kg NTIS** AD277-689
scu-mus LDLo:2000 mg/kg AIPTAK 12,447,04

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, CRTXB2 1(1),93,71
★ CARCINOGENIC REVIEW:APTMAL POSITIVE IARC** 7,77,74

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AC8985000 ACETAMIDE, N,N'-(THIODI-4,1-PHENYLENE)BIS(2-CHLORO-
UPDT 8311 CAS: 66603-74-5 MW: 369.28 MOLFM: C16-H14-Cl2-N2-O2-S
SYN: DICHLOROACETAMIDO-4,4' PHENYLTHIOBENZENE (French) * N,N (THIODI-4,1 PHENYLENE)BIS(2 CHLOROACETAMIDE)

TOXICITY DATA AND REFERENCES:
3A11F07Y55 ipr-mus LD50:2000 mg/kg EJMCA5 13,93,78
3A11F07Y55 scu-mus LD50:2000 mg/kg EJMCA5 13,93,78

AD0175000 ACETAMIDE, 2,2,2-TRIFLUORO-N-(9-OXOFLUOREN-2-YL)-
UPDT 8401 CAS: 318-27-9 MW: 291.24 MOLFM: C15-H8-F3-N-O2
SYN: 2,2,2-TRIFLUOROACETYLAMINOFLUOREN-9-ONE * 2,2,2-TRIFLUORO-N-(9-OXOFLUOREN-2-YL)ACETAMIDE

TUMORIGENIC DATA AND REFERENCES:
3V01L60980 orl-rat TDLo:6400 mg/kg 33W-C CNREAB 22,1002,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AD0190000 ACETAMIDE, 2,2,2-TRIFLUORO-N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-10-(METHYLTHIO)-9-OXOBENZO (a)HEPTALEN-7-YL)-, (S)-
UPDT 8408 CAS: 76129-16-2 MW: 469.51 MOLFM: C22-H22-F3-N-O5-S
SYN: COLCHICINE, 10-DEMETHOXY-10-(METHYLTHIO)-, 2,2,2-TRIFLUORO

TOXICITY DATA AND REFERENCES:
tV30 ipr-mus LD50:1451 ug/kg JMCMAR 24,636,81

ACETAMIDE, N-(2,4,6-TRIMETHYLPHENYL)- (9CI) see: AE8225000

AD0350000 ACETAMIDINE, N,N'-BIS(p-ETHOXYPHENYL)-
UPDT 8306 CAS: 101-93-9 MW: 298.42 MOLFM: C18-H22-N2-O2
SYN: N,N BIS(p-ETHOXYPHENYL)ACETAMIDINE * N,N'BIS-(p-ETHOXYPHENYL)ACETAMIDINE * ETHANIMIDAMIDE, N,N BIS(4-ETHOXYPHENYL) (9CI) * FENACAINE * HOLOCAINE * PHENACAINE * TANOCAINE

TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:10 mg/kg PHREA7 12,190,32
una-rbt LDLo:5 mg/kg HBAMAK 4,1289,35
* ipr-gpg LDLo:50 mg/kg PHREA7 12,190,32
scu-gpg LDLo:53 mg/kg PHREA7 12,190,32
* ivn-gpg LDLo:15 mg/kg PHREA7 12,190,32

AD0525000 ACETAMIDINE, N,N'-BIS(p-ETHOXYPHENYL)-, HYDROCHLORIDE
UPDT 8405 CAS: 620-99-5 MW: 334.88 MOLFM: C18-H22-N2-O2-Cl-H
SYN: N,N BIS(p-ETHOXYPHENYL)ACETAMIDINE HYDROCHLORIDE * ETHANIMIDAMIDE, N,N BIS(4-ETHOXYPHENYL) MONOHYDROCHLORIDE (9CI) * HOLOCAINE HYDROCHLORIDE * PHENACAINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:80 mg/kg BJPCAL 1,90,46
ivn-mus LD50:17600 ug/kg TXAPA9 1,454,56

AD0540000 ACETAMIDINE, N,N'-BIS(p-ISOPROPOXYPHENYL)-
UPDT 8406 CAS: 84308-82-8 MW: 326.48 MOLFM: C20-H26-N2-O2
SYN: N,N BIS(p-ISOPROPOXYPHENYL)ACETAMIDINE * ETHANIMIDAMIDE, N,N BIS(4-(1-METHYLETHOXY)PHENYL)-

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:50 mg/kg APFRAD 40,231,82

AD0725000 ACETAMIDINE, N,N'-DIPHENYL-
UPDT 8406 CAS: 621-09-9 MW: 210.28 MOLFM: C14-H14-N2
SYN: N,N DIPHENYLACETAMIDINE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:250 mg/kg APFRAD 40,231,82

AD0835000 ACETAMIDINE, N'-(o-ETHOXYPHENYL)-N-(o-ISOPROPOXYPHENYL)-
UPDT 8406 CAS: 84308-85-0 MW: 312.45 MOLFM: C19-H24-N2-O2
SYN: N'-(o-ETHOXYPHENYL)-N-(o-ISOPROPOXYPHENYL)ACETAMIDINE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:80 mg/kg APFRAD 40,231,82

AD0836000 ACETAMIDINE, N-(p-ETHOXYPHENYL)-N'-(p-ISOPROPOXYPHENYL)-
UPDT 8406 CAS: 84308-84-9 MW: 312.45 MOLFM: C19-H24-N2-O2
SYN: N-(p-ETHOXYPHENYL)-N'-(p-ISOPROPOXYPHENYL)ACETAMIDINE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:50 mg/kg APFRAD 40,231,82

AD0885000 ACETAMIDINE, N-(o-ISOPROPOXYPHENYL)-N'-(p-ISOPROPOXYPHENYL)-
UPDT 8407 CAS: 84308-86-1 MW: 326.48 MOLFM: C20-H26-N2-O2
SYN: ETHANIMIDAMIDE, N-(2-(1-METHYLETHOXY)PHENYL)-N'-(4-(1-METHYLETHOXY)PHENYL)- * N-(o-ISOPROPOXYPHENYL)-N'-(p-ISOPROPOXYPHENYL)ACETAMIDINE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:100 mg/kg APFRAD 40,231,82

AD0886000 ACETAMIDINE, N-(p-ISOPROPOXYPHENYL)-N'-2-NAPHTHYL-
UPDT 8406 CAS: 84308-89-4 MW: 318.45 MOLFM: C21-H22-N2-O
SYN: ETHANIMIDAMIDE, N-(4-(1-METHYLETHOXY)PHENYL)-N'-2-NAPHTHALENYL- * N-(p-ISOPROPOXYPHENYL)-N'-2-NAPHTHYLACETAMIDINE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:328 mg/kg APFRAD 40,231,82

AD0887000 ACETAMIDINE, N'-(p-ISOPROPOXYPHENYL)-N-PHENYL-
UPDT 8406 CAS: 84308-82-7 MW: 268.38 MOLFM: C17-H20-N2-O
SYN: ETHANIMIDAMIDE, N-(4-(1-METHYLETHOXY)PHENYL)-N'-PHENYL- * N-(p-ISOPROPOXYPHENYL)-N'-PHENYLACETAMIDINE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:100 mg/kg APFRAD 40,231,82

AD1010000 ACETAMIDINE, N-(2-(m-METHOXYPHENOXY)PROPYL)-2-(m-TOLYL)-, MONO-p-TOLUENESULFONATE
UPDT 8415 CAS: 6463-40-9 MW: 484.66 MOLFM: C19-H24-N2-O2-C7-H8-O3-S

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T35 scu-rat TDLo:16 mg/kg (3-20D preg) JRPSAR 4,71,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-ACETAMIDO-5-(ACETAMIDOMETHYL)-2,4,6-TRIIODOBENZOIC ACID see: DG0895000
o-ACETAMIDOACETOPHENONE see: AD7710000
2'-ACETAMIDOACETOPHENONE see: AD7710000
3-ACETAMIDO-5-AMINO-2,4,6-TRIIODOBENZOIC ACID see: DG0876500
p-ACETAMIDOANILINE see: AD8225000
4-ACETAMIDOANILINE see: AD8225000
2-ACETAMIDOANTHRACENE see: AB4542050
2-ACETAMIDO-N-ANTIPYRINYLBUTYRAMIDE see: BS4060000
p-ACETAMIDOAZOBENZENE see: AE6300000
p-ACETAMIDOBENZALDEHYDE THIOSEMICARBAZONE see: AE3850000
ACETAMIDOBENZENE see: AD7350000
p-ACETAMIDOBENZENEARSONIC ACID, SODIUM SALT, TETRAHYDRATE see: CF8925000
p-ACETAMIDOBENZENESTIBONIC ACID SODIUM SALT see: DP8800000
4'-ACETAMIDOBENZIDINE see: AD8585000
o-ACETAMIDOBENZOIC ACID see: CB2455000
2-ACETAMIDOBENZOIC ACID see: CB2455000
p-ACETAMIDOBENZONITRILE see: AE1846000
4-ACETAMIDOBENZONITRILE see: AE1846000
p-(3-(p-ACETAMIDOBENZYL)-3-METHYL-1-TRIAZENO)BENZOIC ACID see: DG0877000
ACETAMIDOBIPHENYL see: AE6000000
4-ACETAMIDOBIPHENYL see: AE6125000
4-ACETAMIDOBUTYRIC ACID see: ES5670000
epsilon-ACETAMIDOCAPROIC ACID see: MO5800000
2-ACETAMIDO-3-CHLORO-1,4-NAPHTHOQUINONE see: AB7444800
trans-4-ACETAMIDO-4'-CHLOROSTILBENE see: AE1500000
ACETAMIDO-CNU see: AF917200
3-ACETAMIDODIBENZOFURANE see: AB6100000
3-ACETAMIDODIBENZOFURAN see: AB6100000
3-ACETAMIDODIBENZTHIOPHENE see: AB6202000
3-ACETAMIDODIBENZTHIOPHENE OXIDE see: AB6220000
4-ACETAMIDO-3,5-DIIODOBENZOIC ACID see: DG0879200
2-ACETAMIDO-2-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)MALONIC ACID DIETHYL ESTER see: OO0365000
6-ACETAMIDO-1,2-DITHIOLO(4,3-b)PYRROL-5(4H)-ONE see: AB7450000
2-ACETAMIDOETHANOL see: AC3120000
1-ACETAMIDO-4-ETHOXYBENZENE see: AM4375000
2-ACETAMIDOETHYL 2-(DECYLAMINO)ETHYL DISULFIDE HYDROCHLORIDE see: JO0250000
2-ACETAMIDOFLUORENE see: AB9450000
1-(N-ACETAMIDOFLUOROMETHYL)-NAPHTHALENE see: AC2700000
trans-4-ACETAMIDO-4'-FLUOROSTILBENE see: AE3760000
6-ACETAMIDOHEXANOIC ACID see: MO5800000
3-ACETAMIDO-4-HYDROXYBENZENEARSONIC ACID see: CF8400000
3-ACETAMIDO-4-HYDROXY-PHENYLARSONIC ACID see: CF8400000
7-ACETAMIDO-10-HYDROXY-1,2,3-TRIMETHOXY-6,7-DIHYDROBENZO(a)HEPTALEN-9(5H)-ONE see: GH0520000
2-ACETAMIDO-4-MERCAPTOBUTYRIC ACID THIOLACTONE see: AC8680000
L-alpha-ACETAMIDO-beta-MERCAPTOPROPIONIC ACID see: HA1660000
5-(4-ACETAMIDO-3-METHOXYBENZYL)THIAZOLIDINE-2,4-DIONE see: AE2490000
2-(3-ACETAMIDO-5-N-METHYL-ACETAMIDO-2,4,6-TRIIODOBENZAMIDO)-2-DEOXY-D-GLUCOSE see: LZ6650000
6-ACETAMIDO-4-METHYL-1,2-DITHIOLO(4,3-b)PYRROL-5(4H)-ONE see: JP1355000
3-ACETAMIDO-5-METHYLPYRROLIN-4-ONE(4,3-d)-1,2-DITHIOLE see: JP1355000
2-ACETAMIDONAPHTHALENE see: AC6482700
beta-ACETAMIDONAPHTHALIDE see: AC6482700
2-ACETAMIDO-3-NITRO-9-FLUORENONE see: AC6730000
5-ACETAMIDO-3-(5-NITRO-2-FURYL)-6H-1,2,4-OXADIAZINE see: AC6492000
2-ACETAMIDO-4-(5-NITRO-2-FURYL)THIAZOLE see: AC6650000
(4-ACETAMIDO-3-NITROPHENYL)PHOSPHONIC ACID see: SZ6476000
2-ACETAMIDO-5-NITROTHIAZOLE see: KJ1570000
4-ACETAMIDO-4-9-NITEN-3-ONE-1-CARBOXAMIDE see: MP6475000
p-ACETAMIDOPHENACYL CHLORIDE see: AE1050000
2-ACETAMIDOPHENANTHRENE see: AC7175000
3-ACETAMIDOPHENANTHRENE see: AC7350000
9-ACETAMIDOPHENANTHRENE see: AC7525000
p-ACETAMIDOPHENOL see: AE4200000
4-ACETAMIDOPHENOL see: AE4200000
o-ACETAMIDOPHENOL BUTYL ETHER see: AD9700000
2-(4-ACETAMIDOPHENOXY)ETHYL 2-ACETOXYBENZOATE see: DG0929000 BENZOIC ACID, 2-(ACETYLOXY)-,2-(4-(ACETYLAMINO)PHENOXY)ETHYL ESTER
1-(4-ACETAMIDOPHENOXY)-3-ISOPROPYLAMINO-2-PROPANOL see: AE4222000
4'-(ACETAMIDO)PHENYL-2-ACETOXYBENZOATE see: VO0720000 SALICYLIC ACID, ACETATE, ESTER with 4'-HYDROXYACETANILIDE
p-ACETAMIDOPHENYL ACETYLSALICYLATE see: VO0720000
1-(p-ACETAMIDOPHENYL)-3,3-DIMETHYLTRIAZENE see: AE2450000
1-((o-ACETAMIDOPHENYL)OXALYL)-2-((DIMETHYLAMINO)ACETYL)HYDRAZINE see: MU7300000
(p-ACETAMIDOPHENYL)PHOSPHONIC ACID see: SZ6476500
(p-ACETAMIDOPHENYL)TRIMETHYLAMMONIUM IODIDE see: BO1575020
4-ACETAMIDOPHENYLTRIMETHYLAMMONIUM IODIDE see: BO1575020
3-ACETAMIDO-5-PROPIONAMIDO-2,4,6-TRIIODOBENZOIC ACID see: DG0885500
3-ACETAMIDOPROPYL 2-(DECYLAMINO)ETHYL DISULFIDE HYDROCHLORIDE see: JO0270000
1-ACETAMIDO-2-PYRROLIDINONE see: UX9660500
6-ACETAMIDO-3-(1-PYRROLIDINYLCARBONYL)HYDROCOUMARIN see: MW5776000
HYDROCOUMARIN, 6-ACETAMIDO-3-(1-PYRROLIDINYLCARBONYL)-
4-ACETAMIDOSTILBENE see: AE7000000
trans-4-ACETAMIDOSTILBENE see: AE7000000
2-ACETAMIDO-5-SULFONAMIDO-1,3,4-THIADIAZOLE see: AC8225000
ACETAMIDOTHIADIAZOLESULFONAMIDE see: AC8225000
alpha-ACETAMIDO-gamma-THIOBUTYROLACTONE see: AC8680000
3-ACETAMIDOTOLUENE see: AN2875000
N-(1-ACETAMIDO-2,2,2-TRICHLOROETHYL)BENZENESULFONAMIDE see: AA4542200
3-ACETAMIDO-2,4,6-TRIIODOBENZOIC ACID see: DG0887000
3-ACETAMIDO-2,4,6-TRIIODOBENZOIC ACID SODIUM SALT see: DG0888000
2-(3-ACETAMIDO-2,4,6-TRIIODO-5-(N-METHYLACETAMIDO)BENZAMIDO)-2-DEOXY-D-GLUCOPYRANOSE see: LZ6650000
2-(3-ACETAMIDO-2,4,6-TRIIODO-5-(N-METHYLACETAMIDO)BENZAMIDO)-2-DEOXY-D-GLUCOSE see: LZ6650000
ACETAMIN see: AE7175000
ACETAMINE DIAZO BLACK RD see: DD0875000
ACETAMINE DIAZO NAVY RD see: DD0875000
ACETAMINE YELLOW CG see: AC3662000
p-ACETAMINOBENZYLIDENETHIOSEMICARBAZONE see: AE3850000
ACETAMINOCAPROIC ACID see: MO5800000

BEST COPY

2-ACETAMINODIBENZOTHIOPHENE see: AB6202000
ACETAMINOFEN see: AE4200000
2-ACETAMINOFLUORENE see: AB9450000
2-ACETAMINO-4-(5-NITRO-2-FURYL)THIAZOLE see: AC6650000
4-ACETAMINO-2-NITROPHENETOLE see: AM4550000
ACETAMINOPHEN see: AE4200000
2-ACETAMINOPHENANTHRENE see: AC7175000
3-ACETAMINOPHENANTHRENE see: AC7350000
9-ACETAMINOPHENANTHRENE see: AC7525000
p-ACETAMINOPHENOL see: AE4200000
1-(4-ACETAMINOPHENYL)-3,3-DIMETHYLTRIAZENE see: AE2450000
trans-4-ACETAMINOSTILBENE see: AE7000000
ACETAMOX see: AC8225000
ACETANIL see: AD7350000
ACETANILID see: AD7350000

AD7350000 ACETANILIDE
UPDT 8412 CAS: 103-84-4 MW: 135.18 MOLFM: C8-H9-N-O
SYN: ACETAMIDE, N-PHENYL- * ACETAMIDOBENZENE * ACETANIL * ACETANILID * ACETIC ACID ANILIDE * ACETOANILIDE * ACETYLAMINOBENZENE * ACETYLANILINE * N-ACETYLANILINE * ANTIFEBRIN * ANILINE, N-ACETYL- * ANTIFEBRIN * PHENALGENE * PHENALGIN * N-PHENYLACETAMIDE * USAF EK-3

TOXICITY DATA AND REFERENCES:

	unk-man LDLo:59 mg/kg	85DCAI 2,73,70
	orl-rat LD50:800 mg/kg	JPETAB 54,159,35
1U26	ipr-rat LD50:540 mg/kg	JAPMA8 48,204,59
	orl-mus LD50:1210 mg/kg	TXAPA9 19,20,71
1F29	ipr-mus LD50:820 mg/kg	YKKZAJ 83,480,63
	orl-dog LDLo:500 mg/kg	HBAMAK 4,1290,35
	ivn-dog LDLo:300 mg/kg	HBAMAK 4,1290,35
	orl-cpg LDLo:200 mg/kg	HBAMAK 4,1290,35

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETANILIDE, 2'-(ACETOXYMERCURI)-4'-NITRO- see: OV6725000

AD7710000 ACETANILIDE, 2'-ACETYL-
UPDT 8403 CAS: 5234-26-4 MW: 177.22 MOLFM: C10-H11-N-O2
SYN: ACETAMIDE, N-(2-ACETYLPHENYL)- * o-ACETAMIDOACETOPHENONE * 2'-ACETAMIDOACETOPHENONE * 2-ACETYLACETANILIDE

TOXICITY DATA AND REFERENCES:

1F29	orl-mus LD50:1296 mg/kg	FRPSAX 38,847,83

AD7860000 ACETANILIDE, 4'-(ALLYLOXY)-N-(DIMETHYLCARBAMOYLMETHYL)-
UPDT 8410 MW: 276.37 MOLFM: C15-H20-N2-O3

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:350 mg/kg	YKKZAJ 81,659,61

AD8225000 ACETANILIDE, 4'-AMINO-
UPDT 8403 CAS: 122-80-5 MW: 150.20 MOLFM: C8-H10-N2-O
SYN: ACETAMIDE, N-(4-AMINOPHENYL)- (9CI) * p-ACETAMIDOANILINE * 4-ACETAMIDOANILINE * p-ACETOAMINOANILINE * ACETPARAMIN * p-(ACETYLAMINO)ANILINE * 4'-(ACETYLAMINO)ANILINE * N-ACETYL-p-FENYLENDIAMIN (Czech) * ACETYL-p-PHENYLENEDIAMINE * 4'-AMINOACETANILID (Czech) * p-AMINOACETANILIDE * 4-AMINOACETANILIDE * 4'-AMINOACETANILIDE * N-(p-AMINOPHENYL)ACETAMIDE * N-(4-AMINOPHENYL)ACETAMIDE * C.I. 76005 * C.I. OXIDATION BASE 19 * FOURRINE 88 * FOURRINE A

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg/24H SEV	28ZPAK -,130,72

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3350 mg/kg	28ZPAK -,130,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AD8227000 ACETANILIDE, 2-(2-AMINOACETAMIDO)-2'-(o-CHLOROBENZOYL)-4'-CHLORO-N-METHYL-, HYDROCHLORIDE
UPDT 8312 CAS: 59179-95-2 MW: 412.30 MOLFM: C18-H17-Cl2-N3-O3-H2-O
SYN: 2-o-CHLORBENZOYL-4-CHLOR-N-METHYL-N(sup alpha)-GLYCYLGLYCINANILID HYDRAT (German) * 2-o-CHLOROBENZOYL-4-CHLORO-N-METHYL-N(sup alpha)-GLYCYLGLYCINANILIDE HYDRATE * GLYCINAMIDE, GLYCYL-N-(4-CHORO-2-(2-CHLOROBENZOYL)PHENYL)-N-METHYL-, HYDRATE * GLYCYL-N-(4-CHORO-2-(2-CHLOROBENZOYL)PHENYL)-N-METHYLGLYCINAMIDE HYDRATE * N-(GLYCYLGLYCYL)-N-METHYL-2,5-DICHLORO-2-AMINO-BENZOPHENONE HYDRATE * 45,0088-S

TOXICITY DATA AND REFERENCES:

1F17	orl-mus LD50:1138 mg/kg	ARZNAD 31,63,81

AD8260000 ACETANILIDE, 4'-(4-AMINO-3-CHLOROPHENYL)-2'-CHLORO-
UPDT 8303 CAS: 72732-23-1 MW: 295.18 MOLFM: C14-H12-Cl2-N2-O
SYN: 4'-(4-AMINO-3-CHLOROPHENYL)-2-CHLOROACETANILIDE * 3,3'-DICHLORO-N-ACETYLBENZIDINE

MUTATION DATA AND REFERENCES:

	mma-sat 1 ug/plate	SAIGBL 23,426,80
	bfa-rat/sat 40 mg/kg	SAIGBL 23,426,80

ACETANILIDE, 3-AMINO-4-ETHOXY- see: AD8575000

AD8575000 ACETANILIDE, 3'-AMINO-4'-ETHOXY-
UPDT 8412 CAS: 17026-81-2 MW: 194.24 MOLFM: C10-H14-N2-O2
SYN: ACETANILIDE, 3'-AMINO-4'-ETHOXY- * 2-AMINO-4-ACETAMINIFENETOL (Czech) * 3-AMINO-4-ETHOXYACETANILIDE * NCI-C01867

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg/24H SEV	28ZPAK -,115,72

MUTATION DATA AND REFERENCES:

	mma-sat 10 mg/plate	NTPTB* JAN 82

TUMORIGENIC DATA AND REFERENCES:

2V03N62	orl-rat TDLo:130 gm/kg/78W-C	NCITR* NCI-CG-TR-112,78
2V01N62	orl-mus TDLo:524 mg/kg/78W-C	NCITR* NCI-CG-TR-112,78
2V03N62	orl-mus TD :260 gm/kg/78W-C	NCITR* NCI-CG-TR-112,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:631 mg/kg	NCIMB* NIH-71-E-2144

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS POSITIVE,MOUSE (NCITR* NCI-CG-TR-112,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS INDEFINITE,RAT (NCITR* NCI-CG-TR-112,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AD8580000 ACETANILIDE, 3'-AMINO-4'-METHYL-
UPDT 8401 CAS: 6375-16-7 MW: 164.23 MOLFM: C9-H12-N2-O
SYN: 2-AMINO-4-ACETYLAMINOTOLUENE * 3-AMINO-4'-METHYLACETANILIDE

MUTATION DATA AND REFERENCES:

	mma-sat 5 ug/plate	TOLEDS 13,1,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AD8585000 ACETANILIDE, 4'-(p-AMINOPHENYL)-
UPDT 8408 CAS: 3366-61-8 MW: 226.30 MOLFM: C14-H14-N2-O
SYN: ACETAMIDE, N-(4-AMINO(1,1'-BIPHENYL)-4-YL)- * 4'-ACETAMIDOBENZIDINE * N-ACETYLBENZIDINE * 4'-(p-AMINOPHENYL)ACETANILIDE * MONOACETYLBENZIDINE

MUTATION DATA AND REFERENCES:

	mma-sat 5 ug/plate	ENMUDM 6,145,84
	dnd-rat-ipr 25 mg/kg	CNREA8 42,2678,82
	dnd-rat-lvr 100 mg/L	CRNGDP 5,404,84
	dnd-ham-ipr 25 mg/kg	CRNGDP 5,404,84
	dnd-ham-lvr 100 mg/L	CRNGDP 5,404,84

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1630 mg/kg	28ZPAK -,131,72

AD8653000 ACETANILIDE, 2-(BENZYLAMINO)-2',4',6'-TRIMETHYL-
UPDT 8309 MW: 282.42 MOLFM: C18-H22-N2-O
SYN: 2-(BENZYLAMINO)-2',4',6'-TRIMETHYLACETANILIDE * S 359

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:630 mg/kg	JPMSAE 50,161,61

AD9634500 ACETANILIDE, 4'-BROMO-2-FLUORO-N-METHYL-
UPDT 8408 CAS: 10385-09-9 MW: 246.10 MOLFM: C9-H9-Br-F-N-O
SYN: 4'-BROMO-2-FLUORO-N-METHYLACETANILIDE

TOXICITY DATA AND REFERENCES:

2F25U26	orl-mus LD50:83300 ug/kg	YKKZAJ 88,1620,68

AD9651000 ACETANILIDE, 2-BROMO-N-METHYL-2',4',5'-TRICHLORO-
UPDT 8408 CAS: 23543-34-2 MW: 331.43 MOLFM: C9-H7-Br-Cl3-N-O
SYN: 2-BROMO-(2-METHYL-2,4,5-TRICHLOROACETANILIDE

TOXICITY DATA AND REFERENCES:

2F25U26	orl-mus LD50:2500 mg/kg	YKKZAJ 88,1620,68

AD9660000 ACETANILIDE, 2'-BROMO-2,4',5'-TRICHLORO-
UPDT 8408 CAS: 19889-50-0 MW: 317.40 MOLFM: C8-H5-Br-Cl3-N-O
SYN: 2'-BROMO-2,4',5'-TRICHLOROACETANILIDE

TOXICITY DATA AND REFERENCES:

2F25U26	orl-mus LD50:2 gm/kg	YKKZAJ 88,1620,68

AD9700000 ACETANILIDE, 2'-BUTOXY-
UPDT 8403 CAS: 532-09-2 MW: 207.30 MOLFM: C12-H17-N-O2
SYN: ACETAMIDE, N-(2-BUTOXYPHENYL)- (9CI) * o-ACETAMIDOPHENOL BUTYL ETHER * BOA * o-BUTOXYACETANILIDE * 2'-BUTOXYACETANILIDE * N-(2-BUTOXYPHENYL)ACETAMIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2900 mg/kg	MEIEDD 10,213,83

AD9710000 ACETANILIDE, 2'-BUTOXY-2-DIETHYLAMINO-
UPDT 8403 MW: 278.44 MOLFM: C16-H26-N2-O2
SYN: 2'-BUTOXY-2-DIETHYLAMINOACETANILIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1930 mg/kg	JAPMA8 48,402,59

AD9715000 ACETANILIDE, 3'-BUTOXY-2-DIETHYLAMINO-
UPDT 8403 MW: 278.44 MOLFM: C16-H26-N2-O2
SYN: 3'-BUTOXY-2-DIETHYLAMINO-ACETANILIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:170 mg/kg	JAPMA8 48,402,59

AD9718000 ACETANILIDE, 4'-BUTOXY-2-DIETHYLAMINO-
UPDT 8403 MW: 278.44 MOLFM: C16-H26-N2-O2
SYN: 4'-BUTOXY-2-DIETHYLAMINO-ACETANILIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:550 mg/kg	JAPMA8 48,402,59

AD9726000 ACETANILIDE, 2'-BUTOXY-N-(DIMETHYLCARBAMOYLMETHYL)-
UPDT 8410 MW: 292.42 MOLFM: C16-H24-N2-O3

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:290 mg/kg	YKKZAJ 81,659,61

AD9727000 ACETANILIDE, 4'-BUTOXY-N-(DIMETHYLCARBAMOYLMETHYL)-
UPDT 8410 MW: 292.42 MOLFM: C16-H24-N2-O3

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:220 mg/kg	YKKZAJ 81,659,61

ACETANILIDE, N-(BUTOXYMETHYL)-2-CHLORO-2',6'-DIETHYL- (8CI) see: AE1200000

AD9731000 ACETANILIDE, 2-(p-BUTOXYPHENOXY)-2'-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-
UPDT 8408 CAS: 27468-70-8 MW: 433.04 MOLFM: C24-H33-Cl-N2-O3
SYN: 2-(p-BUTOXYPHENOXY)-2'-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)ACETANILIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:625 mg/kg	USXXAM #3818021
*	ivn-mus LD50:28 mg/kg	USXXAM #3818021

AD9731100 ACETANILIDE, 2-(p-BUTOXYPHENOXY)-2'-CHLORO-N-(2-(1-PYRROLIDINYL)ETHYL)-
UPDT 8408 CAS: 27585-38-7 MW: 431.02 MOLFM: C24-H31-Cl-N2-O3
SYN: 2-(p-BUTOXYPHENOXY)-2'-CHLORO-N-(2-(1-PYRROLIDINYL)ETHYL)ACETANILIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:500 mg/kg	USXXAM #3818021
*	ivn-mus LD50:25 mg/kg	USXXAM #3818021

AD9731200 ACETANILIDE, 2-(p-BUTOXYPHENOXY)-2',5'-DIETHOXY-N-(2-(1-PYRROLIDINYL)ETHYL)-, HYDROCHLORIDE
UPDT 8408 CAS: 27682-57-1 MW: 521.16 MOLFM: C28-H40-N2-O5-Cl-H
SYN: 2-(p-BUTOXYPHENOXY)-2',5'-DIETHOXY-N-(2-(1-PYRROLIDINYL)ETHYL)-ACETANILIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:450 mg/kg	USXXAM #3818021
*	ivn-mus LD50:20 mg/kg	USXXAM #3818021

ACETANILIDE, 2-(P-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-2',5'-DIETHOXY-, MONOHYDROCHLORIDE see: AB4785000

AD9734500 ACETANILIDE, 2-(p-BUTOXYPHENOXY)-N-(2-(DIMETHYLAMINO)ETHYL)-2',5'-DIETHOXY-, HYDROCHLORIDE
UPDT 8408 CAS: 27668-69-5 MW: 495.12 MOLFM: C26-H38-N2-O5-Cl-H
SYN: 2-(p-BUTOXYPHENOXY)-N-(2-(DIMETHYLAMINO)ETHYL)-2',5'-DIETHOXYACETANILIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:500 mg/kg	USXXAM #3818021
*	ivn-mus LD50:35 mg/kg	USXXAM #3818021

AD9822000 ACETANILIDE, 2-(BUTYLAMINO)-2'-CHLORO-6-METHYL-, HYDROCHLORIDE
UPDT 8405 MW: 291.25 MOLFM: C13-H19-Cl-N2-O-Cl-H
SYN: BUTANILICAIN HYDROCHLORIDE * 2-(BUTYLAMINO)-2'-CHLORO-6-METHYLACETANILIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:700 mg/kg	MEIEDD 10,210,83

AD9825000 ACETANILIDE, 2-(BUTYLAMINO)-2',4',6'-TRIMETHYL-
UPDT 8309 MW: 248.41 MOLFM: C15-H24-N2-O
SYN: 2-(BUTYLAMINO)-2',4',6'-TRIMETHYLACETANILIDE * S 352

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:270 mg/kg	JPMSAE 50,161,61

AD9835000 ACETANILIDE, 4'-(1-CARBAMOYLETHOXY)-
UPDT 8312 MW: 222.27 MOLFM: C11-H14-N2-O3
SYN: 4'-(1-CARBAMOYLETHOXY)ACETANILIDE

TOXICITY DATA AND REFERENCES:

*	unk-mam LDLo:750 mg/kg	JPMSAE 50,973,61

AE1000000 ACETANILIDE, 2-CHLORO-
UPDT 8406 CAS: 587-65-5 MW: 169.62 MOLFM: C8-H8-Cl-N-O
SYN: ACETAMIDE, 2-CHLORO-N-PHENYL- (9CI) * CHLOROACETANILIDE * alpha-CHLOROACETANILIDE * 2-CHLOROACETANILIDE * N-PHENYLCHLOROACETAMIDE

TOXICITY DATA AND REFERENCES:

1U26	ipr-rat LD50:810 mg/kg	JAPMA8 48,204,59
*	ipr-mus LD50:900 mg/kg	JAPMA8 48,204,59
*	ivn-mus LD50:100 mg/kg	CSLNX* NX#00010

AE1001000 ACETANILIDE, 4'-CHLORO-
UPDT 8412 CAS: 539-03-7 MW: 169.62 MOLFM: C8-H8-Cl-N-O
SYN: ACETAMIDE, N-(4-CHLOROPHENYL)- * ACETIC 4-CHLOROANILIDE * 4-CHLOROACETANILIDE * 4'-CHLOROACETANILIDE * N-(4-CHLOROPHENYL)ACETAMIDE

MUTATION DATA AND REFERENCES:

	mma-sat 2500 ug/plate	PCBPBS 10,174,79

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
1026 ipr-rat LD50:245 mg/kg JAPMA8 48,204.59
* ipr-mus LD50:730 mg/kg 49RQAC 1,140.82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AE1050000 ACETANILIDE, 4'-(CHLOROACETYL)-
UPDT 8412 CAS: 140-49-8 MW: 211.66 MOLFM: C10 H10 Cl N O2
SYN: ACETAMIDE, N-[4-(CHLOROACETYL)PHENYL]- (9CI) * p-ACETAMIDOPHENACYL CHLORIDE * p-(ACETYLAMINO)PHENACYL CHLORIDE * 4'-CHLOROACETYL (ACETANILIDE) * NCI-C03770
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2150 mg/kg NCILB* NCI-E-C-72-3252
orl-mus LD50:1470 mg/kg NCILB* NCI-E-C-72-3252
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-177,79)
REPORTED IN EPA TSCA INVENTORY, 1983

AE1140000 ACETANILIDE, 2-CHLORO-N-(3-BUTYNYL)-
UPDT 8309 CAS: 21267-72-1 MW: 221.70 MOLFM: C12 H12 Cl N O
SYN: ACETAMIDE, 2-CHLORO-N-(1-METHYL-2-PROPYNYL)-N-PHENYL- (9CI) * ACETANILIDE, 2-CHLORO-N-(1-METHYL-2-PROPYNYL)- (8CI) * BASAMAIZE * BAS 290 H * BAS 2900H * BAS 2903H * BUTISAN * BUTISANE * CHLORETIN * 2-CHLORO-N-(1-METHYL-2-PROPYNYL)ACETANILIDE * 2903 H * PRYNACHLOR
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1170 mg/kg GUCHAZ 6,440.73
orl-mus LD50:150 mg/kg GUCHAZ 6,440.73
skn-rbt LD50:1926 mg/kg GUCHAZ 6,440.73
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AE1200000 ACETANILIDE, 2-CHLORO-2',6'-DIETHYL-N-(BUTOXYMETHYL)-
UPDT 8403 CAS: 23184-66-9 MW: 311.89 MOLFM: C17 H26 Cl N O2
SYN: ACETAMIDE, N-(BUTOXYMETHYL)-2-CHLORO-N-(2,6-DIETHYLPHENYL)- (9CI) * ACETANILIDE, N-(BUTOXYMETHYL)-2-CHLORO-2',6'-DIETHYL- (8CI) * BUTACHLOR * BUTANEX * N-BUTOXYMETHYL-2-CHLORO-2',6'-DIETHYLACETANILIDE * N-(BUTOXYMETHYL)-2-CHLORO-N-(2,6-DIETHYLPHENYL)ACETAMIDE * 2-CHLORO-2',6'-DIETHYL-N-(BUTOXYMETHYL)ACETANILIDE * CP 53619 * LAMBAST * MACHETE * MACHETE (herbicide) * MACHETTE
MUTATION DATA AND REFERENCES:
mma-sat 500 ug/plate MUREAV 116,185.83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1740 mg/kg EKMMA8 13,123.74
skn-rbt LD50:4080 mg/kg FMCHA2 -,C39.83

AE1210000 ACETANILIDE, 2-CHLORO-N-((DIETHYLCARBAMOYL)METHYL)-
UPDT 8410 MW: 282.80 MOLFM: C14 H19 Cl N2 O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg YKKZAJ 81,659.61

AE1225000 ACETANILIDE, 2-CHLORO-2',6'-DIETHYL-N-(METHOXYMETHYL)-
UPDT 8412 CAS: 15972-60-8 MW: 269.80 MOLFM: C14 H20 Cl N O2
SYN: ACETAMIDE, 2-CHLORO-N-(2,6-DIETHYLPHENYL)-N-(METHOXYMETHYL)- (9CI) * ALACHLOR * ALANEX * ALOCHLOR * 2-CHLORO-2',6'-DIETHYL-N-(METHOXYMETHYL)ACETANILIDE * 2-CHLORO-N-(2,6-DIETHYLPHENYL)-N-METHOXYMETHYLACETAMIDE * CP 50144 * LASSO * LAZO * METACHLOR * METHACHLOR * PILLARZO
MUTATION DATA AND REFERENCES:
mrc-smc 33 ug/plate MUREAV 136,233.84
cyt-hmn-lym 4 mg/L MUREAV 116,341.83
cyt-rat-lgr 1250 ug/kg MUREAV 116,341.83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1200 mg/kg WRPCA2 9,119.70
orl-mus LD50:462 mg/kg GTPZAB 21(12),30.77
skn-rbt LD50:3500 mg/kg GUCHAZ 6,3.73
orl-mam LD50:3000 mg/kg GUCHAZ 6,3.73
unk-mam LD50:1200 mg/kg 30ZDA9 -,126.71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AE1255000 ACETANILIDE, 5'-CHLORO-2',4'-DIMETHOXY-2-FLUORO-
UPDT 8408 CAS: 23554-60-1 MW: 247.67 MOLFM: C10 H11 Cl F N O3
SYN: 5-CHLORO-2-FLUORO-2',4'-DIMETHOXYACETANILIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:150 mg/kg YKKZAJ 88,1620.68

AE1280000 ACETANILIDE, 4'-CHLORO-N-(DIMETHYLCARBAMOYLMETHYL)-
UPDT 8410 MW: 254.74 MOLFM: C12 H15 Cl N2 O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:420 mg/kg YKKZAJ 81,659.61

AE1300200 ACETANILIDE, 2-CHLORO-2',6'-DIMETHYL-N-(2-OXOTETRAHYDRO-3-FURYL)-
UPDT 8312 CAS: 58810-48-3 MW: 281.76 MOLFM: C14 H16 Cl N O3
SYN: ACETAMIDE, 2-CHLORO-N-(2,6-DIMETHYLPHENYL)-N-(TETRAHYDRO-2-OXO-3-FURANYL)- * CHEVRON 20615 * 2-CHLORO-2',6'-DIMETHYL-N-(2-OXOTETRAHYDRO-3-FURYL)ACETANILIDE * 2-CHLORO-N-(2,6-DIMETHYLPHENYL)-N-(TETRAHYDRO-2-OXO-3-FURANYL)ACETAMIDE * MILFURAM * OFURACE * ORTHO 20615 * E 20615
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2600 mg/kg FMCHA2 -,C172.83

AE1420000 ACETANILIDE, 4'-CHLORO-2-FLUORO-N-(2-HYDROXYETHYL)-
UPDT 8408 CAS: 10016-08-7 MW: 231.67 MOLFM: C10 H11 Cl F N O2
SYN: 4'-CHLORO-2-FLUORO-N-(2-HYDROXYETHYL)ACETANILIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:84 mg/kg YKKZAJ 88,1620.68

AE1575000 ACETANILIDE, 2-CHLORO-N-ISOPROPYL-
UPDT 8311 CAS: 1918-16-7 MW: 211.71 MOLFM: C11 H14 Cl N O
SYN: ACETAMIDE, 2-CHLORO-N-(1-METHYLETHYL)-N-PHENYL- * BEXTON * BEXTON 4L * alpha-CHLORO-N-ISOPROPYLACETANILIDE * 2-CHLORO-N-ISOPROPYLACETANILIDE * 2-CHLORO-N-ISOPROPYL-N-PHENYLACETAMIDE * CP 31393 * N-ISOPROPYL alpha CHLOROACETANILIDE * N-ISOPROPYL 2-CHLOROACETANILIDE * NITICID * PROPACHLOR * PROPACHLORE * RAMROD * RAMROD 65 * SATECID
MUTATION DATA AND REFERENCES:
oms-rat-orl 672 mg/kg 16W-I EKMMA8 18,35.79
oms-rat-orl 672 mg/kg 16W-I EKMMA8 18,35.79
spm-rat-orl 672 mg/kg 16W-I EKMMA8 18,35.79
cyt-mus-unk 10 mg/kg TGANAX 14(6),41.80
cyt-mus-orl 10 mg/kg CYGEDX 14(6),38.80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:710 mg/kg 85ARAE 2,63.77
unk-rat LD50:1056 mg/kg GISAAA 41(7),38.76
orl-mus LD50:290 mg/kg EKMMA8 13,123.74
unk-mus LD50:306 mg/kg GISAAA 41(7),38.76
orl-rbt LD50:710 mg/kg KHZDAN 17,90.74
skn-rbt LD50:380 mg/kg WRPCA2 9,119.70
orl-dck LD50:512 mg/kg DOEAAH 35,25.79
unk-mam LD50:800 mg/kg 30ZDA9 -,126.71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETANILIDE, 2-CHLORO-N-(1-METHYL-2-PROPYNYL)- (8CI) see: AE1140000

AE1800000 ACETANILIDE, 4'-(p-CHLOROSTYRYL)-, (E)-
UPDT 8303 CAS: 63407-59-0 MW: 271.76 MOLFM: C16 H14 Cl N O
SYN: trans-4-ACETAMIDO-4'-CHLOROSTILBENE * 4'-CHLORO-trans-4-ACETAMIDOSTILBENE * trans-4'-p-CHLOROSTYRYLACETANILIDE
MUTATION DATA AND REFERENCES:
mma-sat 5 nmol/plate JMCMAR 25,593.82

AE1844000 ACETANILIDE, 2-CHLORO-2',4',5'-TRIBROMO-
UPDT 8408 CAS: 21543-07-9 MW: 406.32 MOLFM: C8 H5 Br3 Cl N O
SYN: 2-CHLORO-2',4',5'-TRIBROMOACETANILIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:2 gm/kg YKKZAJ 88,1620.68

AE1846000 ACETANILIDE, 4'-CYANO-
UPDT 8406 CAS: 35704-19-9 MW: 160.19 MOLFM: C9 H8 N2 O
SYN: ACETAMIDE, N-(4-CYANOPHENYL)- * p-ACETAMIDOBENZONITRILE * 4-ACETAMIDOBENZONITRILE * p-ACETYLAMINO BENZONITRILE (French) * 4-CYANOACETANILIDE * 4'-CYANOACETANILIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:470 mg/kg APFRAD 41,391.83

AE1856000 ACETANILIDE, 2-(CYCLOHEXYLAMINO)-2',4',6'-TRIMETHYL-
UPDT 8309 MW: 286.46 MOLFM: C18 H26 N2 O
SYN: 2-(CYCLOHEXYLAMINO)-2',4',6'-TRIMETHYLACETANILIDE * S 357
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:170 mg/kg JPMSAE 50,161.61

AE1970470 ACETANILIDE, 2',5'-DICHLORO-2-FLUORO-
UPDT 8408 CAS: 2435-67-4 MW: 222.05 MOLFM: C8 H6 Cl2 F N O
SYN: 2',5'-DICHLORO-2-FLUOROACETANILIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:50 mg/kg YKKZAJ 88,1620.68

AE1970800 ACETANILIDE, 2',6'-DICHLORO-2-(4-METHYLPIPERAZINO)-
UPDT 8310 CAS: 67624-93-5 MW: 302.23 MOLFM: C13 H17 Cl2 N3 O
SYN: ACETAMIDE, N-(2,6-DICHLOROPHENYL)-2-(4-METHYLPIPERAZINYL)- * 2',6'-DICHLORO-2-(4-METHYLPIPERAZINO)ACETANILIDE * N-(2,6-DICHLOROPHENYL)-2-(4-METHYLPIPERAZINYL)ACETAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:93 mg/kg EJMCA5 13,235.78

AE1971450 ACETANILIDE, 2-(DIETHYLAMINO)-
UPDT 8403 MW: 206.32 MOLFM: C12 H18 N2 O
SYN: ACETAMIDE, 2-(DIETHYLAMINO)-N-PHENYL- * 2-(DIETHYLAMINO)ACETANILIDE * (DIETHYLAMINO)ACYLANILIDE * V 343
IRRITATION DATA AND REFERENCES:
* eye-rbt 2% MLD ARZNAD 8,270.58
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:465 mg/kg ARZNAD 8,270.58
ipr-mus LD50:235 mg/kg ARZNAD 8,270.58
scu-mus LD50:800 mg/kg ARZNAD 8,270.58

AE1974100 ACETANILIDE, 2-(DIETHYLAMINO)-2',6'-DIMETHYLTHIO-
UPDT 8309 MW: 250.44 MOLFM: C14 H22 N2 S
SYN: 2-(DIETHYLAMINO)-2',6'-DIMETHYLTHIOACETANILIDE * S 322
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:820 mg/kg JPMSAE 50,161.61

AE1974350 ACETANILIDE, 4'-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)-
UPDT 8312 CAS: 32795-44-1 MW: 277.41 MOLFM: C15 H23 N3 O2
SYN: ACECAINIDE * N-ACETYLPROCAINAMIDE * BENZAMIDE, 4-(ACETYLAMINO)-N-[2-(DIETHYLAMINO)ETHYL]- * 4'-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)ACETANILIDE * NAPA
TOXICITY DATA AND REFERENCES:
1G30 ipr-mus LD50:380 mg/kg PSEBAA 169,156.82

AE1974370 ACETANILIDE, N-(2-(DIETHYLAMINO)ETHYL)-2',6'-DIMETHYL-
UPDT 8406 CAS: 67023-76-9 MW: 262.44 MOLFM: C16 H26 N2 O
SYN: N-(2-(DIETHYLAMINO)ETHYL)-2,6-DIMETHYLACETANILIDE * SA 118
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:355 mg/kg APFRAD 40,231.82

AE1974550 ACETANILIDE, 2-(DIETHYLAMINO)-5'-ISOPROPYL-2'-METHYL-, HYDROCHLORIDE
UPDT 8402 MW: 298.90 MOLFM: C16 H26 N2 O Cl H
SYN: DIETHYLAMINOACETYLCARVACRYLAMINE CHLORHYDRATE (French) * 2-(DIETHYLAMINO)-5'-ISOPROPYL-2'-METHYLACETANILIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1450 mg/kg APFRAD 23,355.65

AE1974600 ACETANILIDE, 2-(DIETHYLAMINO)-4'-ISOPROPYL-, MONOHYDROCHLORIDE
UPDT 8305 CAS: 14474-18-1 MW: 284.87 MOLFM: C15 H24 N2 O Cl H
SYN: omega-DIETHYLAMINO-(N4)-ISOPROPYL-4'-ACETANILIDE CHLORHYDRATE (French) * 2-(DIETHYLAMINO)-4'-ISOPROPYLACETANILIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:925 mg/kg APFRAD 24,539.66

AE2062000 ACETANILIDE, N-(3-(DIETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2-PHENYL-
UPDT 8406 CAS: 18109-55-2 MW: 352.57 MOLFM: C23 H32 N2 O
SYN: N-(3-(DIETHYLAMINO)PROPYL)-2,6-DIMETHYL-2-PHENYLACETANILIDE * SA 105
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:335 mg/kg APFRAD 40,231.82

AE2075000 ACETANILIDE, 2-(DIETHYLAMINO)-2',4',6'-TRIMETHYL-
UPDT 8403 CAS: 616-68-2 MW: 248.41 MOLFM: C15 H24 N2 O
SYN: ACETAMIDE, 2-(DIETHYLAMINO)-N-(2,4,6-TRIMETHYLPHENYL)- (9CI) * 2-(DIETHYLAMINO)-2',4',6'-TRIMETHYLACETANILIDE * DIETHYLGLYCINEMESIDIDE * JUSTECAINA * MESIDICAINE * MESIDICAINE * MESOCAIN * MESOCAINE * MESOKAIN * TRIMECAIN * TRIMECAINE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:295 mg/kg JAPMA8 48,402.59

AE2100000 ACETANILIDE, 2-(DIETHYLAMINO)-2',4',6'-TRIMETHYL-, HYDROCHLORIDE
UPDT 8403 CAS: 1027-14-1 MW: 284.87 MOLFM: C15 H24 N2 O Cl H
SYN: ACETAMIDE, 2-(DIETHYLAMINO)-N-(2,4,6-TRIMETHYLPHENYL)-, MONOHYDROCHLORIDE (9CI) * ACETANILIDE, 2-(DIETHYLAMINO)-2',4',6'-TRIMETHYL-, MONOHYDROCHLORIDE (8CI) * DIETHYLAMINOACETYL-2,4,6-TRIMETHYLANILINE HYDROCHLORIDE * 2-DIETHYLAMINO-2',4',6'-TrMETHYLACETANILIDE HYDROCHLORIDE * MESIDICAINE HYDROCHLORIDE * MESOCAINE HYDROCHLORIDE * MESOKAIN HYDROCHLORIDE * TRIMECAINE * TRIMECAINE HYDROCHLORIDE * TRIMEKAIN HYDROCHLORIDE * N-sym-TRIMETHYLPHENYL-DIETHYLAMINOACETAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:172 mg/kg AFPCAG 29,81.76
scu-mus LD50:295 mg/kg MEIEDD 10,1386.83
ACETANILIDE, 2-(DIETHYLAMINO)-2',4',6'-TRIMETHYL-, MONOHYDROCHLORIDE (8CI) see: AE2100000

AE2103200 ACETANILIDE, 2,4'-DIFLUORO-
UPDT 8408 CAS: 404-42-2 MW: 171.16 MOLFM: C8 H7 F2 N O
SYN: 2,4'-DIFLUOROACETANILIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:25 mg/kg YKKZAJ 88,1620.68

AE2103300 ACETANILIDE, 2,4'-DIFLUORO-N-(2-HYDROXYETHYL)-
UPDT 8408 CAS: 10016-07-6 MW: 215.22 MOLFM: C10 H11 F2 N O2
SYN: 2,4'-DIFLUORO-N-(2-HYDROXYETHYL)ACETANILIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:65800 ug/kg YKKZAJ 88,1620.68

AE2103400 ACETANILIDE, 2,4'-DIFLUORO-N-METHYL-
UPDT 8408 CAS: 10016-06-5 MW: 185.19 MOLFM: C9 H9 F2 N O
SYN: 2,4'-DIFLUORO-N-METHYLACETANILIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:50 mg/kg YKKZAJ 88,1620.68

AE2150000 ACETANILIDE, 2-DIMETHYLAMINO-N-(DIMETHYLCARBAMOYLMETHYL)-
UPDT 8410 MW: 263.38 MOLFM: C14 H25 N3 O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:850 mg/kg YKKZAJ 81,659.61

AE2170000 ACETANILIDE, N-(2-(DIMETHYLAMINO)ETHYL)-, FUMARATE
UPDT 8408 MW: 322.40 MOLFM: C12 H18 N2 O C4 H4 O4

BEST AVAILABLE

SYN: N-(2-(DIMETHYLAMINO)ETHYL)ACETANILIDE FUMARATE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:340 mg/kg YKKZAJ 83,696,63

AE2195000 ACETANILIDE, N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-2',6'-DIMETHYL-2-PHENYL-
UPDT 8406 CAS: 18109-65-4 MW: 324.51 MOLFM: C21-H28-N2-O
SYN: N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-2',6'-DIMETHYL-2-PHENYLACETANILIDE * SA 40

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:285 mg/kg APFRAD 40,231,82

AE2196000 ACETANILIDE, N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-, FUMARATE
UPDT 8408 MW: 336.43 MOLFM: C13-H20-N2-O . C4-H4-O4
SYN: N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)ACETANILIDE FUMARATE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:296 mg/kg YKKZAJ 83,696,63

AE2198000 ACETANILIDE, N-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-2',6'-DIMETHYL-2-PHENYL-
UPDT 8406 CAS: 84308-99-6 MW: 338.54 MOLFM: C22-H30-N2-O
SYN: N-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-2',6'-DIMETHYL-2-PHENYLACETANILIDE * SA 49

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:350 mg/kg APFRAD 40,231,82

AE2250000 ACETANILIDE, 4-((p-(DIMETHYLAMINO)PHENYL)AZO)-N-METHYL-
UPDT 8401 CAS: 33804-48-7 MW: 296.41 MOLFM: C17-H20-N4-O
SYN: AZOBENZENE, 4'-(N-ACETYL-N-METHYLAMINO)-4-(N',N'-DIMETHYLAMINO)- * N,N-DIMETHYL-4-AMINO-N-ACETYL-N-MONOMETHYL-4-AMINOAZOBENZENE * 4-((p-(DIMETHYLAMINO)PHENYL)AZO)-N-METHYLACETANILIDE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:1630 mg/kg/21W-C CNREA8 34,2274,74

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:370 mg/kg CNREA8 34,2274,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE2265000 ACETANILIDE, N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2,2-DIPHENYL-
UPDT 8406 CAS: 17307-20-9 MW: 400.61 MOLFM: C27-H32-N2-O
SYN: N-(3-(DIMETHYLAMINO)PROPYL)-2,6-DIMETHYL-2,2-DIPHENYLACETANILIDE * SA 65

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:210 mg/kg APFRAD 40,231,82

AE2268000 ACETANILIDE, N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2-PHENYL-
UPDT 8406 CAS: 18109-58-5 MW: 324.51 MOLFM: C21-H28-N2-O
SYN: N-(3-(DIMETHYLAMINO)PROPYL)-2,6-DIMETHYL-2-PHENYLACETANILIDE * SA 36

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:245 mg/kg APFRAD 40,231,82

AE2295000 ACETANILIDE, N,N'-DIMETHYL-4,4'-AZODI-
UPDT 8401 CAS: 35077-51-1 MW: 324.42 MOLFM: C18-H20-N4-O2
SYN: N'-ACETYL-N-MONOMETHYL-4-AMINO-N-ACETYL-N-MONOMETHYL-4-AMINOAZOBENZENE * AZOBENZENE, 4,4'-BIS(N-ACETYL-N-METHYLAMINO)- * N,N-DIMETHYL-4,4'-AZODIACETANILIDE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:2200 mg/kg/13W-C CNREA8 34,2274,74

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:480 mg/kg CNREA8 34,2274,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE2296000 ACETANILIDE, N-(1-(DIMETHYLCARBAMOYL)ETHYL)-
UPDT 8410 MW: 234.33 MOLFM: C13-H18-N2-O2

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:140 mg/kg YKKZAJ 81,659,61

AE2297000 ACETANILIDE, N-((DIMETHYLCARBAMOYL)METHYL)-
UPDT 8410 CAS: 3738-06-5 MW: 220.30 MOLFM: C12-H16-N2-O2

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1400 mg/kg YKKZAJ 81,659,61

AE2298000 ACETANILIDE, N-(DIMETHYLCARBAMOYLMETHYL)-4'-(ISOPENTYLOXY)-
UPDT 8410 MW: 306.45 MOLFM: C17-H26-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:280 mg/kg YKKZAJ 81,659,61

AE2299000 ACETANILIDE, N-(DIMETHYLCARBAMOYLMETHYL)-2'-ISOPROPOXY-
UPDT 8410 MW: 278.39 MOLFM: C15-H22-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:240 mg/kg YKKZAJ 81,659,61

AE2300000 ACETANILIDE, N-(DIMETHYLCARBAMOYLMETHYL)-4'-ISOPROPOXY-
UPDT 8410 MW: 278.39 MOLFM: C15-H22-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:710 mg/kg YKKZAJ 81,659,61

AE2301000 ACETANILIDE, N-(DIMETHYLCARBAMOYLMETHYL)-2'-PROPOXY-
UPDT 8410 MW: 278.39 MOLFM: C15-H22-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg YKKZAJ 81,659,61

£E2302000 ACETANILIDE, N-(DIMETHYLCARBAMOYLMETHYL)-4'-PROPOXY-
UPDT 8410 MW: 278.39 MOLFM: C15-H22-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:490 mg/kg YKKZAJ 81,659,61

AE2330000 ACETANILIDE, 2',6'-DIMETHYL-N-(2-MORPHOLINOETHYL)-2-PHENYL-
UPDT 8406 CAS: 18109-48-3 MW: 352.52 MOLFM: C22-H28-N2-O2
SYN: 2',6'-DIMETHYL-N-(2-MORPHOLINOETHYL)-2-PHENYLACETANILIDE * SA 33

TOXICITY DATA AND REFERENCES:
scu-mus LD50:1950 mg/kg APFRAD 40,231,82

AE2355000 ACETANILIDE, 2',6'-DIMETHYL-2-PHENYL-N-(2-(1-PYRROLIDINYL)ETHYL)-
UPDT 8406 CAS: 18109-53-0 MW: 336.52 MOLFM: C22-H28-N2-O
SYN: 2',6'-DIMETHYL-2-PHENYL-N-(2-(1-PYRROLIDINYL)ETHYL)ACETANILIDE * SA 35

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:148 mg/kg APFRAD 40,231,82

AE2357000 ACETANILIDE, 2',6'-DIMETHYL-N-(2-PIPERIDINOETHYL)-2-PHENYL-
UPDT 8406 CAS: 18109-50-7 MW: 350.55 MOLFM: C23-H30-N2-O
SYN: 2',6'-DIMETHYL-N-(2-PIPERIDINOETHYL)-2-PHENYLACETANILIDE * SA 34

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:108 mg/kg APFRAD 40,231,82

AE2450000 ACETANILIDE, 4'-(3,3-DIMETHYL-1-TRIAZENO)-
UPDT 8309 CAS: 1933-50-2 MW: 206.28 MOLFM: C10-H14-N4-O
SYN: AC 24055 * ACETAMIDE, N-(4-(3,3-DIMETHYL-1-TRIAZENYL)PHENYL)- (9CI) * 1-(p-ACETAMIDOPHENYL)-3,3-DIMETHYLTRIAZENE * 1-(4-ACETAMINOPHENYL)-3,3-DIMETHYLTRIAZENE * AMERICAN CYANIMID 24,055 * AMERICAN CYANAMID CL-24055 * ANTIFEEDAMT 24055 * ANTIFEEDING COMPOUND 24,055 * CL 24055 * CYANAMID 24055 * 1,1-DIMETHYL-3-(p-ACETAMIDOPHENYL)TRIAZENE * 4'-DIMETHYLTRIAZENOACETANILIDE * 4'-(3,3-DIMETHYL-1-TRIAZENO)ACETANILIDE * ENT 25,651

MUTATION DATA AND REFERENCES:
mma-sat 1 umol/L JMCMAR 22,473,79
sln-dmg-orl 1 umol/L CBINA8 9,365,74
mrc-smc 10 mmol/L CBINA8 9,365,74
hma-mus/smc 1 mmol/L CBINA8 9,365,74

TOXICITY DATA AND REFERENCES:
orl-rat LD50:510 mg/kg TXAPA9 21,315,72
skn-rbt LD50:1400 mg/kg 28ZEAL 4,195,69
orl-bwd LDLo:56 mg/kg TXAPA9 21,315,72

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AE2460000 ACETANILIDE, 2',4'-DIMETHYL-5-((TRIFLUOROMETHYL)SULFONAMIDO)-
UPDT 8309 CAS: 53780-34-0 MW: 336.32 MOLFM: C11-H13-F3-N2-O3-S
SYN: ACETAMIDE, N-(2,4-DIMETHYL-5-(((TRIFLUOROMETHYL)SULFONYL)AMINO)PHENYL)- * N-(2,4-DIMETHYL-5-(((TRIFLUOROMETHYL)SULFONYL)AMINO)PHENYL)ACETAMIDE * EMBARK * EMBARK PLANT GROWTH REGULATOR * MBR 12325 * MEFLUIDIDE * VEL 3973 * VISTAR * VISTAR HERBICIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg 85ARAE 3,66,76
* orl-mus LD50:1920 mg/kg FMCHA2 -,C148,83

AE2470000 ACETANILIDE, 2',4'-DINITRO-2-FLUORO-
UPDT 8408 CAS: 23554-59-8 MW: 243.17 MOLFM: C8-H6-F-N3-O5
SYN: 2,4-DINITRO-2-FLUOROACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:75 mg/kg YXKZAJ 88,1620,68

AE2480000 ACETANILIDE, 2',4'-DINITRO-2-IODO-
UPDT 8408 CAS: 23605-68-3 MW: 351.07 MOLFM: C8-H6-I-N3-O5
SYN: 2,4-DINITRO-2-IODOACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:3 gm/kg YKKZAJ 88,1620,68

AE2490000 ACETANILIDE, 4'-((2,4-DIOXO-5-THIAZOLIDINYL)METHYL)-2'-METHOXY-
UPDT 8402 MW: 294.33 MOLFM: C13-H14-N2-O4-S
SYN: 5-(4-ACETAMIDO-3-METHOXYBENZYLI)THIAZOLIDINE-2,4-DIONE * 4-(((2,4-DIOXO-5-THIAZOLIDINYL)METHYL)-2-METHOXYACETANILIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:500 mg/kg CPBTAL 31,560,83

ACETANILIDE, 2'-ETHOXY- see: AM4300000
ACETANILIDE, 4'-ETHOXY- see: AM4375000

AE2870000 ACETANILIDE, N-ETHYL-2-FLUORO-2',4',5'-TRICHLORO-
UPDT 8408 CAS: 10016-10-1 MW: 284.53 MOLFM: C10-H9-Cl3-F-N-O
SYN: N-ETHYL-2-FLUORO-2,4,5-TRICHLOROACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:25 mg/kg YKKZAJ 88,1620,68

AE2975000 ACETANILIDE, 2-FLUORO-
UPDT 8408 CAS: 330-68-7 MW: 153.17 MOLFM: C8-H8-F-N-O
SYN: ACETAMIDE, 2-FLUORO-N-PHENYL- (9CI) * AFL 1082 * FLUOROACETANILIDE * 2'-FLUOROACETANILIDE * YL 1312

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:3 mg/kg NCNSA6 5,10,53
2F25U26 orl-mus LD50:25 mg/kg YKKZAJ 88,1620,68
ihl-mus LCLo:480 mg/m3/10M NDRC** 30101,4,45
unk-mam LD50:10 mg/kg 30ZDA9 -,119,71

AE2980000 ACETANILIDE, 2-FLUORO-N-METHYL-4'-NITRO-
UPDT 8408 CAS: 10016-09-8 MW: 212.20 MOLFM: C9-H9-F-N2-O3
SYN: 2-FLUORO-N-METHYL-4-NITROACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:10 mg/kg YKKZAJ 88,1620,68

AE2982000 ACETANILIDE, 2-FLUORO-N-METHYL-2',4',5'-TRICHLORO-
UPDT 8408 CAS: 10012-99-2 MW: 270.52 MOLFM: C9-H7-Cl3-F-N-O
SYN: 2-FLUORO-N-METHYL-2,4,5-TRICHLOROACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:150 mg/kg YKKZAJ 88,1620,68

AE2984000 ACETANILIDE, 2-FLUORO-N-(1-NAPHTHYLMETHYL)-
UPDT 8408 CAS: 10016-05-6 MW: 293.36 MOLFM: C19-H16-F-N-O
SYN: 2-FLUORO-N-(1-NAPHTHYLMETHYL)ACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:237 mg/kg YKKZAJ 88,1620,68

AE2986000 ACETANILIDE, 2-FLUORO-2'-NITRO-
UPDT 8408 CAS: 2435-75-4 MW: 198.17 MOLFM: C8-H7-F-N2-O3
SYN: 2-FLUORO-2'-NITROACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:50 mg/kg YKKZAJ 88,1620,68

AE2988000 ACETANILIDE, 2-FLUORO-3'-NITRO-
UPDT 8408 CAS: 2435-76-5 MW: 198.17 MOLFM: C8-H7-F-N2-O3
SYN: 2-FLUORO-3'-NITROACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:150 mg/kg YKKZAJ 88,1620,68

AE2990000 ACETANILIDE, 2-FLUORO-4'-NITRO-
UPDT 8408 CAS: 370-89-8 MW: 198.17 MOLFM: C8-H7-F-N2-O3
SYN: 2-FLUORO-4'-NITROACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:100 mg/kg YKKZAJ 88,1620,68

AE3500000 ACETANILIDE, 2'-FLUORO-4'-PHENYL-
UPDT 8401 CAS: 725-04-2 MW: 229.27 MOLFM: C14-H12-F-N-O
SYN: 3-FLUORO-4-ACETYLAMINOBIPHENYL * 2-FLUORO-4-PHENYLACETANILIDE

TUMORIGENIC DATA AND REFERENCES:
2V01860 orl-rat TDLo:3700 mg/kg/26W-C CNREA8 22,1002,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE3675000 ACETANILIDE, 4'-(m-FLUOROPHENYL)-
UPDT 8401 CAS: 725-06-4 MW: 229.27 MOLFM: C14-H12-F-N-O
SYN: 3'-FLUORO-4-ACETYLAMINOBIPHENYL * 4'-(m-FLUOROPHENYL)ACETANILIDE

TUMORIGENIC DATA AND REFERENCES:
2V01R60 orl-rat TDLo:2580 mg/kg/21W-C CNREA8 22,1002,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE3750000 ACETANILIDE, 4'-(p-FLUOROPHENYL)-
UPDT 8401 CAS: 398-32-3 MW: 229.27 MOLFM: C14-H12-F-N-O
SYN: ACETAMIDE, N-(4'-FLUORO-4-BIPHENYLYL)- * 4'-FLUORO-4-ACETYLAMINOBIPHENYL * N-(4'-(4'-FLUORO)-BIPHENYL)ACETAMIDE * N-(4'-FLUORO-4-BIPHENYLYL)ACETAMIDE * 4'-(p-FLUOROPHENYL)ACETANILIDE

TUMORIGENIC DATA AND REFERENCES:
3V03L60M61 orl-rat TDLo:5000 mg/kg/36W-I JNCIAM 54,427,75
2V03N61 orl-rat TD:8064 mg/kg/48W-C JJIND8 64,1537,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE3760000 ACETANILIDE, 4'-(p-FLUOROSTYRYL)-, (E)-
UPDT 8303 CAS: 63407-60-3 MW: 255.31 MOLFM: C16-H14-F-N-O
SYN: trans-4-ACETAMIDO-4'-FLUOROSTILBENE * 4'-FLUORO-trans-4-ACETAMIDOSTILBENE * trans-4'-(p-FLUOROSTYRYL)ACETANILIDE

MUTATION DATA AND REFERENCES:
mma-sat 5 nmol/plate JMCMAR 25,593,82

AE3770000 ACETANILIDE, 2-FLUORO-2',4',5'-TRICHLORO-
UPDT 8408 CAS: 23595-40-0 MW: 256.49 MOLFM: C8-H5-Cl3-F-N-O
SYN: 2-FLUORO-2',4',5'-TRICHLOROACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:100 mg/kg YKKZAJ 88,1620,68

AE3772000 ACETANILIDE, 2'-FLUORO-2,4',5'-TRICHLORO-
UPDT 8408 CAS: 23554-66-7 MW: 256.49 MOLFM: C8-H5-Cl3-F-N-O
SYN: 2'-FLUORO-2,4,5-TRICHLOROACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:1250 mg/kg YKKZAJ 88,1620,68

BEST COPY AVAILABLE

AE3800000 ACETANILIDE, N-(2-(4-FORMYLTHIAZOLYL))-, 2,4-DINITROPHENYLHYDRAZONE
UPDT 8307 CAS: 7362-39-9 MW: 426.44 MOLFM: C18-H14-N6-O5-S
SYN: N-(4-(2-(2,4-DINITROPHENYL)HYDRAZONOMETHYL)-2-THIAZOLYL)ACETANILIDE * N-(2-(4-FORMYLTHIAZOLYL))ACETANILIDE, 2,4-DINITROPHENYL HYDRAZONE

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:56 mg/kg — CSLNX* NX#01171

AE3850000 ACETANILIDE, 4'-FORMYL-, 4'-(THIOSEMICARBAZONE)
UPDT 8411 CAS: 104-06-3 MW: 236.32 MOLFM: C10-H12-N4-O-S
SYN: A-LETAMIDE, N-(4-((((AMINOTHIOXOMETHYL)HYDRAZONO)METHYL)PHENYL)- (9CI) * p-ACETAMIDOBENZALDEHYDE THIOSEMICARBAZONE * p-ACETAMINOBENZYLIDENETHIOSEMICARBAZONE * p-ACETYLAMINOBENZALDEHYDE THIOSEMICARBAZONE * ARTIVAN * AMBATHIZON * AMITHIOZONE * AMITIOZON * ANTIB * BENTHIOLONE * BENZOTHIOZANE * BENZOTHIOZON * BERCULON A * BERKAZON * CONTEBEN * DIASAN * DIAZAN * DOMAGK'S T.B.1 CONTEBEN * DOMAROL * 4'-FORMYLACETANILIDE THIOSEMICARBAZONE * IUBION * LIVAZONE * MAGK'S T.B.1 CONTEBEN * MIVIZON * MYVIZONE * NEOTIBIL * NEUSTAB * NOVAROL * NUCLON ARGENTINIAN * PANARONE * PARAZONE * 4207 RP * RP 4207 * SDP 1041 * SERODEN * SOCARBAZONE * SQ 2321 * TB 1 * TB-1 698 * TB 3 (BAYER) * TEBALON * TEBECURE * TEBEMAE * TEBESONE * TEBETHION * TEBETHIONE * TEBEZON * THIACETAZONE * THIACETONE * THIACETOZONE * THIBON * THIBONE * THIOACETAZON * THIOACETAZONE * THIOAZETAZONE * THIOCARBAZIL * THIOMICID * THIONICID * THIOPARAMIZON * THIOPARAMIZONE * THIOSEMICARBARZONE * THIOSEMICARBAZONE (pharmaceutical) * THIOTEBESIN * THIOTEBIZIN * THIOTEBICINA * THIZONE * TIACETAZON * TIBICUR * TIBION * TIBIONE * TIBIZAN * TIBON * TIBONE * TIOACETAZON * TIOATSETAZON * TIOBICINA * TIOCARONE * TIOSECOLO * TUBERCAZON * TUBICAL * TUBIN

MUTATION DATA AND REFERENCES:
cyt-mus-orl 3300 ug/kg — NUISAK 22.96.79

TOXICITY DATA AND REFERENCES:
orl-mus LD50:950 mg/kg — CRSBAW 144,1310.50
scu-mus LD50:1 gm/kg — JPPMAB 2,764.50

AE3940000 ACETANILIDE, 2-(HEXYLAMINO)-2',4',6'-TRIMETHYL-
UPDT 8309 MW: 276.47 MOLFM: C17-H28-N2-O
SYN: 2-(HEXYLAMINO)-2',4',6'-TRIMETHYLACETANILIDE * S-354

TOXICITY DATA AND REFERENCES:
scu-mus LD50:280 mg/kg — JPMSAE 50.161.61

AE4200000 ACETANILIDE, 4'-HYDROXY-
UPDT 8412 CAS: 103-90-2 MW: 151.18 MOLFM: C8-H9-N-O2
SYN: ABENSANIL * ACAMOL * ACETAGESIC * ACETALGIN * ACETAMIDE, N-(p-HYDROXYPHENYL)- * ACETAMIDE, N-(4-HYDROXYPHENYL)- * p-ACETAMIDOPHENOL * 4-ACETAMIDOPHENOL * ACETAMINOPHEN * ACETAMINOPHEN * p-ACETAMINOPHENOL * N-ACETYL-p-AMINOPHENOL * p-ACETYLAMINOPHENOL * ALGOTROPYL * ALPINYL * ALVEDON * AMADIL * ANAFLON * ANELIX * ANHIBA * APADON * APAMID * APAMIDE * APAP * BEN-U-RON * BICKIE MOL * CALPOL * CETADOL * CLIXODYNE * DATRIL * DIAL-A-GESIC * DIROX * DOLIPRANE * DYMADON * ENELFA * ENERIL * EXDOL * FEBRILIX * FEBRO-GESIC * FEBROLIN * FENDON * FINIMAL * G-1 * GELOCATIL * HEDEX * HOMOOLAN * p-HYDROXYACETANILIDE * 4-HYDROXYACETANILIDE * 4-HYDROXYACETANILIDE * N-(4-HYDROXYPHENYL)ACETAMIDE * JANUPAP * KORUM * LESTEMP * LIQUAGESIC * LONARID * LYTECA * LYTECA SYRUP * MOMENTUM * MULTIN * NAPA * NAPAFEN * NAPAP * NAPRINOL * NCI-C55801 * NOBEDON * PACEMO * PANADOL * PANETS * PANEX * PANOFEN * PARACETAMOL * PARACETAMOLE * PARACETAMOLO (Italian) * PARACETANOL * PARAPAN * PARASPEN * PARMOL * PEDRIC * PHENDON * PHENOL p-ACETAMIDO * PYRINAZINE * SR Apap * TABALGIN * TAPAR * TEMLO * TEMPANAL * TEMPRA * TRALGON * TUSSAPAP * TYLENOL * VALADOL * VALGESIC

MUTATION DATA AND REFERENCES:
cyt-mus-orl 50 mg/kg — CYTBAI 27.27.80
cyt-ham-fbr 60 mg/L — ESKHA5 96.55.78
cyt-ham-lng 10 mg/L — ARTODN (Suppl 4).41.80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 orl-rat TDLo:1500 mg/kg (8-19D preg) — JPMSAE 66.111.77
1133 orl-rat TDLo:12500 mg/kg (14D pre-1.11D preg) — TJADAB 26(1).42A.82
1101 orl-mus TDLo:25 mg/kg (1D male) — CYTBAI 27.27.80
2T01T02 orl-mus TDLo:600 mg/kg (1D male) — TOXID9 4.170.84
3T34T43T46 orl-mus TDLo:2500 mg/kg (6-15D preg) — TOXID9 4.166.84
1153 orl-mus TDLo:2500 mg/kg (6-15D preg) — TOXID9 4.166.84
1129 orl-rbt TDLo:2 gm/kg (1D pre) — FESTAS 38.238.82

TUMORIGENIC DATA AND REFERENCES:
3V01L02L60 orl-mus TDLo:135 gm/kg/77W-C — CRNGDP 4.363.83
3V03L60N30 orl-mus TD:270 gm/kg/77W-C — CRNGDP 4.363.83

TOXICITY DATA AND REFERENCES:
3F33K12U25 orl-inf TDLo:1440 mg/kg/6D — AJDCAI 137.386.83
1F01 orl-hmn LDLo:143 mg/kg — BMJOAE 282.199.81
orl-chd LDLo:360 mg/kg/2D — JOPDAB 92.832.78
3F01K13L30 orl-chd TDLo:801 mg/kg — PEDIAU 61.68.78
3K02L04M03 orl-wmn TDLo:1200 mg/kg — BMJOAE 1,753.77
orl-hmn LDLo:357 mg/kg — LANCAO 1.86.73
orl-wmn LDLo:260 mg/kg — JAMAAP 236.1874.76
3F07K30M30 orl-wmn TDLo:490 mg/kg — SMJOAV 71.906.78
1L30 orl-man TDLo:77 mg/kg — CTOXAO 15.476.79
unk-hmn LDLo:210 mg/kg — 32ZWAA 8.264.74
orl-rat LD50:2400 mg/kg — TXAPA9 18.185.71
2F07F11 ipr-rat LD50:1205 mg/kg — SSSEAK 57.561.79
orl-mus LD50:338 mg/kg — TXAPA9 19.20.71
2F29U26 ipr-mus LD50:367 mg/kg — ARZNAD 15.520.65
1F29 ivn-dog LDLo:826 mg/kg — AIPTAK 149.571.64
ivn-rbt LDLo:3700 mg/kg — 85ESA3 9.6.76
3F05F07F11 orl-gpg LD50:2620 mg/kg — JAPMAB 47.479.58
scu-trg LDLo:3030 mg/kg — AEXPBL 33.216.1894
unk-mam LD50:891 mg/kg — GISAAA 48(6).22.83

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JRPMAP 12(1).27.74; AUHPAI 3(3).100.73; CTOXAO 12(5).601.78
NTIS** PB282-666

STATUS:
NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE4206000 ACETANILIDE, 2'-(2-HYDROXYETHYL)-
UPDT 8403 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: 2'-(2-HYDROXYETHYL)ACETANILIDE

TOXICITY DATA AND REFERENCES:
1F29 orl-mus TDLo:1746 mg/kg — FRPSAX 38.847.83

AE4207000 ACETANILIDE, 4'-(1-((2-HYDROXYETHYL)CARBAMOYL)ETHOXY)-
UPDT 8312 MW: 266.33 MOLFM: C13-H18-N2-O4
SYN: 4'-(1-((2-HYDROXYETHYL)CARBAMOYL)ETHOXY)ACETANILIDE

TOXICITY DATA AND REFERENCES:
unk-mam LDLo:750 mg/kg — JPMSAE 50.973.61

AE4222000 ACETANILIDE, 4'-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-
UPDT 8407 CAS: 6673-35-4 MW: 266.38 MOLFM: C14-H22-N2-O3
SYN: ACETAMIDE, N-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)- (9CI) * 3-(4-ACETAMIDOPHENOXY)-2-HYDROPROPYLAMINO-2-PROPANOL * AY 21015 * DALZIC * ERALLIN * 4'-(2-HYDROXY-3-ISOPROPYLAMINO-PROPOXY)-ACETANILIDE * N-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)ACETAMIDE * SO 5017 * PRACTALOL * PRACTOLOL * TERANOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T46T86 orl-rat TDLo:300 mg/kg (9-14D preg) — TOXZAG 21.567.74
2T31T34 orl-mus TDLo:12 gm/kg (7-12D preg) — TOXZAG 21.567.74
2T46T86 orl-mus TDLo:600 mg/kg (7-12D preg) — TOXZAG 21.567.74

TOXICITY DATA AND REFERENCES:
2D25D35 orl-wmn TDLo:4 mg/kg — BMJOAE 1,595.75
3D24K12J03 orl-man TDLo:7550 mg/kg/2Y — MJAUAJ 1.44.75
ivn-rat LD50:135 mg/kg — PHARAT 30.638.75
ivn-mus LD50:69 mg/kg — ARZNAD 27.1022.77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE4280000 ACETANILIDE, 4'-(p-HYDROXYSTYRYL)-, (E)-
UPDT 8401 CAS: 843-14-5 MW: 253.32 MOLFM: C16-H15-N-O2
SYN: trans-4-HYDROXY-4A5-trans-4-HYDROXY-4-ACETAMIDOSTILBENE

MUTATION DATA AND REFERENCES:
mma-sat 5 nmol/plate — JMCMAR 25.593.82

TUMORIGENIC DATA AND REFERENCES:
3V03D45G60 orl-rat TDLo:713 mg/kg/36W-C — BJCAAI 22.133.68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE4290000 ACETANILIDE, 2-IODO-2',4',5'-TRICHLORO-
UPDT 8408 CAS: 19889-60-2 MW: 364.39 MOLFM: C8-H5-Cl3-I-N-O
SYN: ACETANILIDE, 2,4,5-TRICHLORO-2-IODO- * 2-IODO-2',4',5'-TRICHLOROACETANILIDE * 2,4,5-TRICHLORO-2-IODOACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:3000 mg/kg — YKKZAJ 88.1620.68
ivn-mus LD50:180 mg/kg — CSLNX* NX#02932

AE4292000 ACETANILIDE, 2'-IODO-2,4',5'-TRICHLORO-
UPDT 8408 CAS: 23543-02-4 MW: 364.39 MOLFM: C8-H5-Cl3-I-N-O
SYN: 2'-IODO-2,4,5-TRICHLOROACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:1750 mg/kg — YKKZAJ 88.1620.68

AE4315000 ACETANILIDE, 2-(ISOPROPYLAMINO)-5'-ISOPROPYL-4'-METHOXY-2'-METHYL-, FUMARATE
UPDT 8305 MW: 194.52 MOLFM: C16-H26-N2-O2 · C4-H4-O4
SYN: FUMARATE ACIDE de l'ISOPROPYLAMINO-ACETYLAMINO-3 METHYLE-2 METHOXY-4 ISOPROPYLE-5 BENZENE * 2-(ISOPROPYLAMINO)-5'-ISOPROPYL-4'-METHOXY-2'-METHYLACETANILIDE FUMARATE * T830

TOXICITY DATA AND REFERENCES:
2C08F18 ivn-rbt LDLo:30 mg/kg — APFRAD 25.347.67

AE4950000 ACETANILIDE, N-METHYL-4'-(p-METHYLAMINOPHENYLAZO)-
UPDT 8401 CAS: 53499-68-6 MW: 282.38 MOLFM: C16-H18-N4-O
SYN: N-ACETYL-N-MONOMETHYL-4-AMINO-N-MONOMETHYL-4-AMINOAZOBENZENE * AZOBENZENE, 4-(N-ACETYL-N-METHYLAMINO)-4'-N-METHYLAMINO- * N-METHYL-4-(p-METHYLAMINOPHENYLAZO)ACETANILIDE

TUMORIGENIC DATA AND REFERENCES:
2V03J60 orl-rat TDLo:2500 mg/kg/17W-C — CNREA8 34.2274.74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE4965000 ACETANILIDE, N-METHYL-2,2',4',5'-TETRACHLORO-
UPDT 8408 CAS: 23543-14-8 MW: 286.97 MOLFM: C9-H7-Cl4-N-O
SYN: N-METHYL-2,2',4',5'-TETRACHLOROACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:2500 mg/kg — YKKZAJ 88.1620.68

AE6000000 ACETANILIDE, 2'-PHENYL-
UPDT 8401 CAS: 2113-47-5 MW: 211.28 MOLFM: C14-H13-N-O
SYN: ACETAMIDE, N-(1,1'-BIPHENYL)-2-YL- (9CI) * ACETAMIDOBIPHENYL * 2-ACETYLAMINOBIPHENYL * N-(2-BIPHENYLYL)ACETAMIDE * 2-PHENYLACETANILIDE

MUTATION DATA AND REFERENCES:
mma-sat 250 ug/plate — MUREAV 118.49.83

TUMORIGENIC DATA AND REFERENCES:
3V03R60T64 orl-rat TDLo:4200 mg/kg/35W-C — CNREA8 16.525.56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE6050000 ACETANILIDE, 3'-PHENYL-
UPDT 8401 CAS: 2113-54-4 MW: 211.28 MOLFM: C14-H13-N-O
SYN: ACETAMIDE, N-(1,1'-BIPHENYL)-3-YL- (9CI) * 3-ACETYLAMINOBIPHENYL * N-(3-BIPHENYLYL)ACETAMIDE * 3-PHENYLACETANILIDE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:4200 mg/kg/35W-C — CNREA8 16.525.56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE6125000 ACETANILIDE, 4'-PHENYL-
UPDT 8401 CAS: 4075-79-0 MW: 211.28 MOLFM: C14-H13-N-O
SYN: ACETAMIDE, N-(1,1'-BIPHENYL)-4-YL- (9CI) * 4-ACETAMIDOBIPHENYL * 4-ACETYLAMINOBIPHENYL * 4-BIPHENYLACETAMIDE * N-(4-BIPHENYLYL)ACETAMIDE * N-(4-BIPHENYLYL)ACETAMIDE * p-PHENYLACETANILIDE * 4-PHENYLACETANILIDE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate — BARCA9 73.1025.76
dnr-ham-fbr 1 umol/L — JNCIAM 54.1287.75

TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:2770 mg/kg/21W-C — CNREA8 15.188.55
3V03L60M60 orl-dog TDLo:13 gm/kg/3Y-I — CNREA8 23.921.63
3V01D45R60 orl-rat TD:4070 mg/kg/34W-C — CNREA8 16.525.56
2V01R60 orl-rat TD:3425 mg/kg/26W-C — CNREA8 22.1002.62
3V03D45R60 orl-rat TD:2240 mg/kg/16W-C — CNREA8 21.1465.61

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCSAJ 13.271.70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETANILIDE, 4-PHENYL-, N-ACETATE (ester) see: NC3411500

AE6300000 ACETANILIDE, 4'-PHENYLAZO-
UPDT 8401 CAS: 4128-71-6 MW: 239.30 MOLFM: C14-H13-N3-O
SYN: ACETAMIDE, N-(4-(PHENYLAZO)PHENYL)- (9CI) * p-ACETAMIDOAZOBENZENE * 4-ACETYLAMINOAZOBENZENE * p-PHENYLAZOACETANILIDE * 4-PHENYLAZOACETANILIDE

TUMORIGENIC DATA AND REFERENCES:
3V03N60P62 orl-rat TDLo:4700 mg/kg/52W-C — JNCIAM 24.149.60

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETANILIDE, 4'-STYRYL- (8CI) see: AE7000000

AE7000000 ACETANILIDE, 4'-STYRYL-, (E)-
UPDT 8405 CAS: 841-18-9 MW: 237.32 MOLFM: C16-H15-N-O
SYN: ACETAMIDE, N-(4-(2-PHENYLETHENYL)PHENYL)- (9CI) * 4-ACETAMIDOSTILBENE * trans-4-ACETAMIDOSTILBENE * trans-4-ACETAMINOSTILBENE * ACETANILIDE, 4'-STYRYL- (8CI) * 4-ACETYLAMINOSTILBENE * trans-4-ACETYLAMINOSTILBENE * trans-4'-STYRYLACETANILIDE

MUTATION DATA AND REFERENCES:
mma-sat 5 nmol/plate — JMCMAR 25.593.82
dnr-ham-fbr 1 umol/L — JNCIAM 54.1287.75
dnd-rat orl 25 umol/kg — CBINA8 24.355.79
oms-rat orl 25 umol/kg — CBINA8 24.355.79

TUMORIGENIC DATA AND REFERENCES:
3V01D45J60 orl-rat TDLo:48 mg/kg/3W-I — CRNGDP 4.1519.83

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

3V01D45R60 scu-rat TDLo:31 mg/kg/26W-I CNREA8 24,128,64
2V03V10 scu-rat TD :27 mg/kg/13W-I PERMAD 241,147,48
3V03D45R60 scu-rat TD :37 mg/kg/4W-I BJCAAI 22,133,68
2V01D45 orl-rat TD :336 mg/kg/24W-C BJCAAI 22,133,68
3V01D45K60 orl-rat TD :250 mg/kg/13W-I CNREA8 24,128,64

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE7050000 ACETANILIDE-4-SULFONIC ACID, 3-AMINO-
UPDT:8409 CAS: 88-64-2 MW: 230.26 MOLFM: C8-H10-N2-O4-S
SYN: 3-AMINOACETANILIDE-4-SULFONIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 mg/kg CSLNX* NX#00379

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AE7175000 ACETANILIDE, 4',4'''-SULFONYLBIS-
UPDT:8401 CAS: 77-46-3 MW: 332.40 MOLFM: C16-H16-N2-O4-S
SYN: ACEDAPSONE * ACETAMIDE, N,N' (SULFONYLDI-4,1-PHENYLENE)BIS- (9CI) * ACETAMIN * ATILON * BA 2630 * BIS(p-ACETAMIDOPHENYL) SULFONE * BIS(4-ACETAMIDOPHENYL)SULFONE * CAMILAN * CI 556 * DADDS * 4,4-DIACETAMIDODIPHENYL SULFONE * 4,4-DIACETYLAMINODIPHENYL SULFONE * DI-(p-ACETYLAMINOPHENYL)SULFONE * DIACETYLDAPSONE * N,N-DIACETYLDAPSONE * N,N-DIACETYL-4,4-DIAMINODIPHENYL SULFONE * 4,4-DIACETYLDIAMINODIPHENYL SULFONE * 1399 F * HANSOLAR * RODILONE * SULFADIAMINE * SULFODIAMIN * SULFODIAMINE * SULFONE BIS(p-ACETAMIDOPHENYL) * p,p'-SULFONYLBISACETANILIDE * 4,4'-SULFONYLBISACETANILIDE * 4,4'-SULFONYLBIS(ACETANILIDE)

TUMORIGENIC DATA AND REFERENCES:
3V03N60P62 orl-rat TDLo:4200 mg/kg/43W-C JNCIAM 24,149,60

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE7275000 ACETANILIDE, 2,2',4',5'-TETRACHLORO-
UPDT:8408 CAS: 23595-42-8 MW: 272.94 MOLFM: C8-H5-Cl4-N-O
SYN: 2,2',4,5-TETRACHLOROACETANILIDE * 2',4,6-TRICHLORO-2-CHLOROACETANILIDE

TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:1500 mg/kg YKKZAJ 88,1620,68
* ivn-mus LD50:18 mg/kg CSLNX* NX#02934

AE7525000 ACETANILIDE, m-TOLYLAZO-
UPDT:8401 CAS: 64048-59-9 MW: 254.34 MOLFM: C15-H14-N3-O
SYN: m-TOLYLAZOACETANILIDE

TUMORIGENIC DATA AND REFERENCES:
3V03N60T64 orl-rat TDLo:4700 mg/kg/52W-C JNCIAM 24,149,60

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETANILIDE, 2',4',5'-TRICHLORO-2-IODO- see: AE4290000

AE8225000 ACETANILIDE, 2',4',6'-TRIMETHYL-
UPDT:8401 CAS: 5096-21-9 MW: 177.27 MOLFM: C11-H15-N-O
SYN: ACETAMIDE, N-(2,4,6-TRIMETHYLPHENYL)- (9CI) * ACETOMESIDIDE * 2',4,6-TRIMETHYLACETANILIDE * 2',4,6-TRIMETHYLACETANILIDE

TUMORIGENIC DATA AND REFERENCES:
2V03M61 orl-rat TDLo:3500 mg/kg CNREA8 26,619,66

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:3500 mg/kg CNREA8 26,619,66
orl-mus LD50:750 mg/kg TXAPA9 19,20,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AE8291600 p-ACETANISIDIDE, 2-(p-BUTOXYPHENOXY)-N-(3-(DIETHYLAMINO)PROPYL)-
UPDT:8408 CAS: 27468-61-7 MW: 462.66 MOLFM: C26-H38-N2-O4
SYN: 2-(p-BUTOXYPHENOXY)-N-(3-(DIETHYLAMINO)PROPYL)-p-ACETANISIDIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg USXXAM #3818021
* ivn-mus LD50:40 mg/kg USXXAM #3818021

AE8293000 o-ACETANISIDIDE, 2-CHLORO-
UPDT:8403 MW: 199.65 MOLFM: C9-H10-Cl-N-O2
SYN: 2-CHLOROACETANISIDIDE * 2-CHLORO-2'-METHOXYACETANILIDE

TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1597 mg/kg FRPSAX 38,847,83

AE8296200 m-ACETANISIDIDE, N-(2-(DIETHYLAMINO)ETHYL)-2-(p-ETHOXYPHENOXY)-, MONOPICRATE
UPDT:8408 CAS: 27471-65-4 MW: 629.69 MOLFM: C23-H32-N2-O4-C6-H3-N3-O7
SYN: N-(2-(DIETHYLAMINO)ETHYL)-2-(p-ETHOXYPHENOXY)-m-ACETANISIDIDE PICRATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:800 mg/kg USXXAM #3818021
* ivn-mus LD50:45 mg/kg USXXAM #3818021

AE8296400 m-ACETANISIDIDE, N-(2-(DIETHYLAMINO)ETHYL)-2-(p-ISOPROPOXYPHENOXY)-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 27471-66-5 MW: 451.06 MOLFM: C24-H34-N2-O4-Cl-H
SYN: N-(2-(DIETHYLAMINO)ETHYL)-2-(p-ISOPROPOXYPHENOXY)-m-ACETANISIDIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:850 mg/kg USXXAM #3818021
* ivn-mus LD50:50 mg/kg USXXAM #3818021

AE8296700 m-ACETANISIDIDE, N-(2-(DIETHYLAMINO)ETHYL)-2-(p-METHOXYPHENOXY)-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 27585-36-0 MW: 423.00 MOLFM: C22-H30-N2-O4-Cl-H
SYN: N-(2-(DIETHYLAMINO)ETHYL)-2-(p-METHOXYPHENOXY)-m-ACETANISIDIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg USXXAM #3818021
* ivn-mus LD50:60 mg/kg USXXAM #3818021

AE8296900 o-ACETANISIDIDE, N-(DIMETHYLCARBAMOYLMETHYL)-
UPDT:8410 MW: 250.33 MOLFM: C13-H18-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:670 mg/kg YKKZAJ 81,659,61

AE8296950 p-ACETANISIDIDE, N-(DIMETHYLCARBAMOYLMETHYL)-
UPDT:8410 MW: 250.33 MOLFM: C13-H18-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:870 mg/kg YKKZAJ 81,659,61

AE8303000 o-ACETANISIDIDE, 2-(p-METHOXYPHENOXY)-N-(2-(1-PYRROLIDINYL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 27471-59-6 MW: 420.98 MOLFM: C22-H28-N2-O4-Cl-H
SYN: 2-(p-METHOXYPHENOXY)-N-(2-(1-PYRROLIDINYL)ETHYL)-o-ACETANISIDIDE HYDROCHLORIDE * N-(2-METHOXYPHENYL)-N-(2-PYRROLIDINOETHYL)-4-METHOXYPHENOXYACETAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:400 mg/kg USXXAM #3818021
* ivn-mus LD50:30 mg/kg USXXAM #3818021

ACETANISOLE see: AM9240000
ACETARSIN see: CF8600000
ACETARSOL see: CF8400000
ACETARSONE see: CF8400000
ACETARSONE DIETHYLAMINE SALT see: CF8600000
ACETATE-AS see: GM8960000
ACETATE BLUE G see: CB0540000
ACETATE C-7 see: AH9901000
ACETATE C-8 see: AJ1400000
ACETATE C-11 see: YQ2990000
ACETATE C-12 see: AH3525000
ACETATE CORTISONE see: GM9140000
ACETATE D'AMYLE (French) see: AJ1925000
ACETATE DE BUTYLE (French) see: AF7350000
ACETATE DE BUTYLE SECONDAIRE (French) see: AF7380000
ACETATE DE CELLOSOLVE (French) see: KK8225000
ACETATE DE CUIVRE (French) see: AG3480000
ACETATE DE L'ETHER MONOETHYLIQUE DE L'ETHYLENE-GLYCOL (French) see: KK8225000
ACETATE DE L'ETHER MONOMETHYLIQUE DE L'ETHYLENE-GLYCOL (French) see: KL5950000
ACETATE DE METHYLE (French) see: AI9100000
ACETATE DE METHYLE GLYCOL (French) see: KL5950000
ACETATE DE PLOMB (French) see: AI5250000
ACETATE DE PROPYLE NORMAL (French) see: AJ3675000
ACETATE D'ETHYLGLYCOL (French) see: KK8225000
ACETATE DE TRIPHENYL-ETAIN (French) see: WH6650000
ACETATE DE VINYLE (French) see: AK0875000
ACETATE D'ISOBUTYLE (French) see: AI4025000
ACETATE D'ISOPROPYLE (French) see: AI4930000
ACETATE de DODEMORPHE (French) see: QE0610000
ACETATE FAST ORANGE R see: CB5740000
ACETATE FAST YELLOW G see: AC3662000
ACETATE de MYCOINE (French) see: LV2625100
ACETATE P.A. see: AJ2240000
ACETATE PHENYLMERCURIQUE (French) see: OV6475000
ACETATE-REPLACING FACTOR see: JP1190000
ACETATE de TRIMETHYLPLOMB (French) see: TP3922100
ACETATE de TRIPROPYLPLOMB (French) see: TP3922400
ACETATE YELLOW 6G see: CX5083000
(ACETATO)(p-AMINOPHENYL)MERCURY see: OV5550000
ACETATO DI CELLOSOLVE (Italian) see: KK8225000
ACETATO DI METIL CELLOSOLVE (Italian) see: KL5950000
ACETATO DI STAGNO TRIFENILE (Italian) see: WH6650000
(ACETATO-O)ETHYLMERCURY see: OV6125000
ACETATO(2-METHOXYETHYL)MERCURY see: OV6300000
ACETATOPHENYLMERCURATE(1-) AMMONIUM SALT see: OU9630000
(ACETATO)PHENYLMERCURY see: OV6475000
ACETATO(3-(1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURIN-7-YL)-2-METHOXYPROPYL)MERCURY see: OV6655000
(ACETATO)(2,3,5,6-TETRAMETHYLPHENYL)MERCURY see: OV6680000
(ACETATO-O)(TRIMETAARSENITO)DICOPPER see: GL6475000
ACETATOTRIPHENYLSTANNANE see: WH6650000
ACETAZINE see: OB2275000
ACETAZOLAMID see: AC8225000
ACETAZOLAMIDE see: AC8225000
ACETAZOLAMIDE SODIUM see: AC8400000
ACETAZOLAMIDE SODIUM SALT see: AC8400000
ACETAZOLEAMIDE see: AC8225000
ACETCARBROMAL see: YR6475000
ACETDIMETHYLAMIDE see: AB7700000
ACETDRON see: SI1750000
ACETENE see: KU5340000
ACETEUGENOL see: SJ4550000
ACETHION see: AI6825000
ACETHIONE see: AI6825000
ACETHROPAN see: GM7900000
ACETHYDRAZIDE see: AI1225000
ACETHYDROXAMSAURE (German) see: AK8157000
ACETHYLPROMAZIN see: OB2275000

AF1225000 ACETIC ACID
UPDT:8407 CAS: 64-19-7 MW: 60.06 MOLFM: C2-H4-O2
SYN: ACETIC ACID (aqueous solution) (DOT) * ACETIC ACID, GLACIAL * ACETIC ACID GLACIAL (DOT) * ACIDE ACETIQUE (French) * ACIDO ACETICO (Italian) * AZIJNZUUR (Dutch) * ESSIGSAEURE (German) * ETHANOIC ACID * ETHYLIC ACID * GLACIAL ACETIC ACID * METHANECARBOXYLIC ACID * OCTOWY KWAS (Polish) * UN 2789 (DOT) * UN 2790 (DOT) * VINEGAR ACID

IRRITATION DATA AND REFERENCES:
skn-hmn 50 mg/24H MLD TXAPA9 31,481,75
skn-rbt 525 mg open SEV UCDS** 8/7/63
skn-rbt 50 mg/24H MLD TXAPA9 31,481,75
eye-rbt 50 ug open SEV AMIHBC 4,119,51

MUTATION DATA AND REFERENCES:
mmo-esc 300 ppm/3H AMNTA4 85,119,51
sln-dmg-ihl 1000 ppm/24H THAGA6 39,330,69
sln-dmg-orl 1000 ppm THAGA6 39,330,69
cyt-grh-par 40 umol/L NULSAK 9,119,66

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-rat TDLo:700 mg/kg (18D post) NTOTDY 4,105,82
1T23 itt-rat TDLo:400 mg/kg (1D male) FESTAS 24,884,73

TOXICITY DATA AND REFERENCES:
3K03K08K09 orl-hmn TDLo:1470 ug/kg AIHAAP 33,624,72
3D07D35J30 ihl-hmn TCLo:816 ppm/3M AMIHAB 21,28,60
unk-man LDLo:308 mg/kg 85DCAI 2,73,70
orl-rat LD50:3310 mg/kg JIHTAB 23,78,41
* ihl-rat LCLo:16000 ppm/4H AIHQAS 17,129,56
orl-mus LD50:4960 mg/kg JIHTAB 23,78,41
ihl-mus LC50:5620 ppm/1H MELAAD 48,559,57
1F12 ivn-mus LD50:525 mg/kg APTOA6 18,141,61
orl-rbt LDLo:1200 mg/kg CRSBAW 83,136,20
skn-rbt LD50:1060 mg/kg UCDS** 8/7/63
scu-rbt LDLo:1200 mg/kg CRSBAW 83,136,20
rec-rbt LDLo:1200 mg/kg CRSBAW 83,136,20

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, AMIHAB 21,28,60; ARTODN 39,299,78
★ TLV-TWA 10 ppm, STEL 15 ppm DTLVS* 4.4.80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 10 ppm (SCP-L) FEREAC 39,23540,74
★ DOT-HAZARD-CORROSIVE MATERIAL, LABEL-CORROSIVE, aqueous solution CFRGBR 49,172.101,82
★ DOT-HAZARD-CORROSIVE MATERIAL, LABEL-CORROSIVE, glacial CFRGBR 49,172.101,82

STATUS:
"NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed." see: METHOD 1603
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF1300000 ACETIC ACID, more than 25% but not more than 80% acid, by weight
UPDT:8404 CAS: 64-19-7 MW: 60.06 MOLFM: C2-H4-O2
SYN: ACETIC ACID solution, more than 25% but not more than 80% acid by weight (DOT) * UN 2790 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO-CORROSIVE MATERIAL, LABEL-CORROSIVE CFRGBR 49,172.102,83

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed. see: METHOD 1603
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AF1340000 ACETIC ACID, more than 80% acid, by weight
UPDT:8404 CAS: 64-19-7 MW: 60.06 MOLFM: C2-H4-O2
SYN: ACETIC ACID glacial: more than 80% acid by weight (DOT) * ACETIC ACID solution, more than 80% acid by weight (DOT) * UN 2789 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL CFRGBR 49,172.102,83
LABEL:CORROSIVE,FLAMMABLE

STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed. see: METHOD 1603
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AF1440000 ACETIC ACID, (ACETONYLNITROSAMINO)METHYL ESTER
UPDT:8408 MW: 174.18 MOLFM: C6-H10-N2-O4
SYN: N-NITROSO-N-ACETOXYMETHYL-N-2-OXOPROPYLAMINE

MUTATION DATA AND REFERENCES:
dnd-mam:lym 10 mmol/L CBINAB 48,169,84

AF1510000 ACETIC ACID, (3-((3-(ACETOXYMERCURI)-2-ETHOXYPROPYL)CARBAMOYL)-2-NAPHTHYLOXY)-
UPDT:8405 MW: 590.03 MOLFM: C20-H23-Hg-N-O7
SYN: (3-((3-(ACETOXYMERCURI)-2-ETHOXYPROPYL)CARBAMOYL)-2-NAPHTHYLOXY)ACETIC ACID * 2-OXYACETIC ACID 3-(N-(gamma-ACETOXYMERCURI-beta-ETHOXYPROPYL))-NAPHTHOXYLAMIDE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:598 mg/kg JAPMA8 41,273,52

ACETIC ACID, (N-ACETYL-N-(4-BIPHENYL)AMINO) ESTER see: NC3411500
ACETIC ACID, (N-ACETYL-N-(2-FLUORENYL)AMINO) ESTER see: NC3420000

AF1650000 ACETIC ACID, (N-ACETYL-N-(3-FLUORENYL)AMINO) ESTER
UPDT:8401 CAS: 38105-27-0 MW: 281.33 MOLFM: C17-H15-N-O3
SYN: ACETIC ACID, ester with N-(FLUOREN-3-YL)ACETOHYDROXAMIC ACID * N-ACETOXY-N-(FLUORENYL)ACETAMIDE * N-ACETOXY-3-FLUORENYLACETAMIDE * N-(FLUOREN-3-YL)ACETOHYDROXAMIC ACETATE

TUMORIGENIC DATA AND REFERENCES:
2V02R60 ipr-rat TDLo:350 mg/kg/4W-I CNREAB 35,447,75
2V03V10 ims-rat TDLo:210 mg/kg/8W-I CNREAB 35,447,75
2V03R60 imp-rat TDLo:28 mg/kg CNREAB 37,111,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF1660000 ACETIC ACID, (N-ACETYL-N-(4-FLUORENYL)AMINO) ESTER
UPDT:8401 CAS: 55080-20-1 MW: 281.33 MOLFM: C17-H13-N-O3
SYN: ACETIC ACID, ester with N-(FLUOREN-4-YL)ACETOHYDROXAMIC ACID * N-ACETOXY-4-FLUORENYLACETAMIDE * N-(FLUOREN-4-YL)ACETOHYDROXAMIC ACETATE

TUMORIGENIC DATA AND REFERENCES:
3V03P62R60 ipr-rat TDLo:350 mg/kg/4W-I CNREAB 35,447,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF1670000 ACETIC ACID, (N-ACETYL-N-(2-PHENANTHRYL)AMINO) ESTER
UPDT:8401 CAS: 26541-57-1 MW: 293.34 MOLFM: C18-H15-N-O3
SYN: ACETIC ACID, ESTER with N-(2-PHENANTHRYL)ACETOHYDROXAMIC ACID * N-ACETOXY-2-ACETAMIDOPHENANTHRENE * N-ACETOXY-4-PHENANTHRYLACETAMIDE * HYDROXYLAMINE N,O-DIACETYL N-(2-PHENANTHRYL) * N-(2-PHENANTHRYL)ACETOHYDROXAMIC ACETATE

MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate CBINAB 26,11,79
mma-sat 50 ng/plate CBINAB 26,11,79
dns-hmn-fbr 20 umol/L NCIMAV 58,217,81
dnd-mam:lym 625 mg/L CNREAB 35,1416,75

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:584 ug/kg JNCIAM 54,491,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETIC ACID, (N-ACETYL-N-(p-STYRYLPHENYL)AMINO) ESTER see: NC3440000

AF1750000 ACETIC ACID, ALLYL ESTER
UPDT:8407 CAS: 591-87-7 MW: 100.13 MOLFM: C5-H8-O2
SYN: ACETIC ACID, 2-PROPENYL ESTER (9CI) * 3-ACETOXYPROPENE * ALLYL ACETATE * ALLYL ACETATE (DOT) * UN 2333 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD JIHTAB 31,60,49
eye-rbt 100 mg open JIHTAB 31,60,49

TOXICITY DATA AND REFERENCES:
orl-rat LD50:130 mg/kg JIHTAB 31,60,49
* ihl-rat LC50:1000 ppm/1H AMIHAB 21,28,60
1F07 orl-mus LD50:170 mg/kg FCTXAV 2,327,64
* skn-rbt LD50:1921 mg/kg JIHTAB 31,60,49

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID* LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF1925000 ACETIC ACID, 3-ALLYLOXYALLYL ESTER
UPDT:8307 CAS: 64046-61-3 MW: 156.20 MOLFM: C8-H12-O3

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3730 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:350 mg/kg TXAPA9 28,313,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF2100000 ACETIC ACID, 4-ALLYLOXY-3-CHLOROPHENYL-
UPDT:8406 CAS: 22131-79-9 MW: 226.67 MOLFM: C11-H11-Cl-O3
SYN: ALCLOFENAC * ALCLOPHENAC * ALLOPYDIN * (4-ALLYLOXY-3-CHLOROPHENYL)ACETIC ACID * ARGUN * BENZENEACETIC ACID, 3-CHLORO-4-(2-PROPENYLOXY)- (9CI) * 3-CHLORO-4-(2-PROPENYLOXY)BENZENEACETIC ACID * EPINAL * MEDIFENAC * MERVAN * NEOSTEN * NEOSTON * PRINALGIN * REUFENAC * W 7320 * ZUMARIL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T31 orl-rat TDLo:240 mg/kg (8-15D preg) IYKEDH 5,72,74
1T25 orl-rat TDLo:1 gm/kg (6-15D preg) ARZNAD 20,a18,70
1T34 orl-rat TDLo:1500 mg/kg (6-15D preg) ARZNAD 20,618,70
2I12T13 orl-rat TDLo:9 mg/kg (30D pre) IYKEDH 5,38,74
1T02 orl-rat TDLo:36400 mg/kg (26W male) IYKEDH 5,38,74
1T34 ipr-rat TDLo:1 gm/kg (6-15D preg) ARZNAD 20,618,70
1T31 orl-mus TDLo:2100 mg/kg (7-13D preg) IYKEDH 5,72,74
1T12 orl-dog TDLo:6825 mg/kg (26W pre) OYYAA2 7,1125,73
1T13 orl-dog TDLo:13650 mg/kg (26W pre) OYYAA2 7,1125,73

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1050 mg/kg ARZNAD 20,618,70
3F05F07F19 ipr-rat LD50:465 mg/kg IYKEDH 5,38,74
scu-rat LD50:630 mg/kg ARZNAD 20,618,70
orl-mus LD50:1100 mg/kg ARZNAD 20,618,70
3F05F07F19 ipr-mus LD50:508 mg/kg IYKEDH 5,38,74
scu-mus LD50:600 mg/kg ARZNAD 20,618,70
2K05K17 ivn-mus LD50:585 mg/kg ARZNAD 20,618,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETIC ACID AMIDE see: AD4025000
ACETIC ACID, 2,2'-((4-((AMINOCARBONYL)AMINO)PHENYL)ARSINIDENE)BIS(THIO)BIS- see: AI6500000
ACETIC ACID, 2,2'-((4-(AMINOCARBONYL)PHENYL)ARSINIDENE)BIS(THIO)BIS- (9CI) see: AI6199900
ACETIC ACID, 2,2'-((4-(AMINOCARBONYL)PHENYL)ARSINIDENE)BIS(THIO)BIS-, DISODIUM SALT see: AI6200000
ACETIC ACID, AMINOOXO-, ((5-NITRO-2-FURANYL)METHYLENE)HYDRAZIDE (9CI) see: LT7750000

AF2624000 ACETIC ACID, (AMINOOXY)-
UPDT:8308 CAS: 645-88-5 MW: 91.08 MOLFM: C2-H5-N-O3
SYN: AMINOOXYACETIC ACID * AOAA * (CARBOXYMETHOXY)AMINE * (o-CARBOXYMETHYL)HYDROXYLAMINE * U 752

MUTATION DATA AND REFERENCES:
mmo-bcs 1 mol/L MUREAV 4,517,67

TOXICITY DATA AND REFERENCES:
2F10F12 ipr-mus LD50:40 mg/kg BCPCA6 28,1397,79
3F12F17F19 scu-mus LD50:40 mg/kg BCPCA6 27,103,78

AF3550000 ACETIC ACID, (p-AMINOPHENYL)-
UPDT:8405 CAS: 1197-55-3 MW: 151.18 MOLFM: C8-H9-N-O2
SYN: 4-AMINOBENZENEACETIC ACID * (p-AMINOPHENYL)ACETIC ACID * 4-AMINOPHENYLACETIC ACID * p-AMINO alpha-TOLUIC ACID * BENZENEACETIC ACID, 4-AMINO- (9CI) * 4-CARBOXYMETHYLANILINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3500 mg/kg FRPSAX 13,286,58

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AF3675000 ACETIC ACID, AMMONIUM SALT
UPDT:8308 CAS: 631-61-8 MW: 77.10 MOLFM: C2-H4-O2-H3-N
SYN: AMMONIUM ACETATE * AMMONIUM ACETATE (DOT) * NA 9079 (DOT)

TOXICITY DATA AND REFERENCES:
3I22F23N22 ipr-rat LD50:632 mg/kg ABBIA4 64,342,56
ivn-mus LD50:90 mg/kg 85ESA3 9,69,76
ipr-ckn LDLo:1735 mg/kg BIJOAK 106,699,68

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETIC ACID, AMYL ESTER see: AJ1925000
ACETIC ACID, ANHYDRIDE (9CI) see: AK1925000
ACETIC ACID ANILIDE see: AD7350000

AF4200000 ACETIC ACID, ANTIMONY SALT
UPDT:8010 CAS: 6923-52-0 MW: 298.90 MOLFM: C6-H9-O6-Sb
SYN: ACETIC ACID, TRIANHYDRIDE with ANTIMONIC ACID (H3-Sb-O3) (8CI,9CI) * ANTIMONY(III) ACETATE * ANTIMONY TRIACETATE * OCTAN ANTIMONITY (Czech)

IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/24H SEV 28ZPAK -,17,72
eye-rbt 20 mg/24H SEV 28ZPAK -,17,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4480 mg/kg 28ZPAK -,17,72

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AF4550000 ACETIC ACID, BARIUM SALT
UPDT:8009 CAS: 543-80-6 MW: 255.44 MOLFM: C4-H6-O4-Ba
SYN: BARIUM ACETATE * BARIUM DIACETATE * OCTAN BARNATY (Czech)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:921 mg/kg MarJV# 29MAR77
ivn-mus LD50:11 mg/kg TXAPA9 22,150,72
scu-rbt LDLo:96 mg/kg EQSSDX 1,1,75
ivn-rbt LDLo:12 mg/kg EQSSDX 1,1,75

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 DTLVS* 4,35,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AF4610000 ACETIC ACID, BENZAMIDOOXY-, AMMONIUM SALT
UPDT:8309 CAS: 5251-79-6 MW: 212.23 MOLFM: C9-H9-N-O4-H3-N
SYN: ACETIC ACID, ((BENZOYLAMINO)OXY)-, MONOAMMONIUM SALT (9CI) * AMMONIUM BENZAMIDOOXYACETATE * AMMONIUM 2-(BENZAMIDOOXY)ACETATE * BENZADOX * BENZAMIDOOXY ACETIC ACID, AMMONIUM SALT * TOPCIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2500 mg/kg 28ZEAL 5,23,76
skn-rbt LD50:450 mg/kg 28ZEAL 5,23,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETIC ACID, BENZ(a)ANTHRACENE-7,12-DIMETHANOL DIESTER see: CW2100000
ACETIC ACID, BENZ(a)ANTHRACENE-7-METHANOL ESTER see: CW8575000
ACETIC ACID, 1,3-BENZODIOXOL-5-YL ALLYL ESTER see: UD4230000
ACETIC ACID, ((BENZOYLAMINO)OXY)-, MONOAMMONIUM SALT (9CI) see: AF4610000

AF4878000 ACETIC ACID, BENZOYL-, ETHYL ESTER
UPDT:8408 CAS: 94-47-3 MW: 192.23 MOLFM: C11-H12-O3
SYN: BENZENEPROPANOIC ACID, beta-OXO-, ETHYL ESTER (9CI) * BENZOYLACETIC ACID ETHYL ESTER * ETHYL BENZOYL ACETATE * ETHYL beta-OXOBENZENEPROPANOATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:6800 mg/kg BSGMAT -,65,82

AF4879000 ACETIC ACID, (2-BENZOYL-4-METHYLPHENOXY)- ETHYL ESTER
UPDT:8411 CAS: 72942-62-2 MW: 298.36 MOLFM: C18-H18-O4

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-ham TDLo:175 mg/kg (1-7D preg) IJEBA6 17,1317,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF5075000 ACETIC ACID, BENZYL ESTER
UPDT:8412 CAS: 140-11-4 MW: 150.19 MOLFM: C9-H10-O2
SYN: ACETIC ACID, PHENYLMETHYL ESTER * alpha-ACETOXYTOLUENE * BENZYL ACETATE * BENZYL ETHANOATE * NCI-C06508

TOXICITY DATA AND REFERENCES:
3F25J30M30 ihl-hmn TCLo:50 ppm TGNCDL 2,31,61
1F07 orl-rat LD50:2490 mg/kg FCTXAV 2,327,64
ihl-mus LCLo:1300 mg/m3/22H AGGHAR 5,1,33
* ihl-cat LC50:245 ppm/8H AMIHAB 21,28,60
skn-cat LDLo:10 gm/kg JPETAB 84,358,45
orl-rbt LD50:2640 mg/kg JPETAB 84,358,45

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

scu-rbt LDLo:3000 mg/kg AGGHAR 5,1,33
scu-gpg LDLo:3000 mg/kg AGGHAR 5,1,33

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF5085000 ACETIC ACID, ((1-BENZYL-1H-INDAZOL-3-YL)OXY)-
UPDT:8408 CAS: 20187-55-7 MW: 282.32 MOLFM: C16-H14-N2-O3
SYN: ACETIC ACID, ((1-(PHENYLMETHYL)-1H-INDAZOL-3-YL)OXY)- (9CI) * AF 983 * BENDAZAC * BENDAZOLIC ACID * ((1-BENZYL-1H-INDAZOL-3-YL)OXY)ACETIC ACID * BINDAZAC * VERSUS * ZILDASAC

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1200 mg/kg MEIEDD 10,146,83
* ipr-rat LD50:319 mg/kg IYKEDH 10,884,79
* scu-rat LD50:714 mg/kg IYKEDH 10,884,79
* ivn-rat LD50:304 mg/kg MEIEDD 10,146,83
* orl-mus LD50:1105 mg/kg MEIEDD 10,146,83
* ipr-mus LD50:339 mg/kg IYKEDH 10,884,79
* scu-mus LD50:406 mg/kg IYKEDH 10,884,79
* ivn-mus LD50:380 mg/kg MEIEDD 10,146,83

ACETIC ACID, (BENZYLOXY)DIPHENYL-, 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER, (+)- see: YM4202000

AF5250000 ACETIC ACID, BERYLLIUM SALT
UPDT:8209 CAS: 543-81-7 MW: 127.11 MOLFM: C4-H6-O4-Be
SYN: BERYLLIUM ACETATE * BERYLLIUM ACETATE NORMAL

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:317 mg/kg XEURAQ UR-70,1949

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,143,80
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;CI 5;Pk 25/30M/8H FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**

ACETIC ACID, (p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)- see: AF5456000

AF5456000 ACETIC ACID, 2-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-
UPDT:8402 CAS: 10477-72-2 MW: 276.18 MOLFM: C12-H15-Cl2-N-O2
SYN: ACETIC ACID, (p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)- * (p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETIC ACID * 2-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETIC ACID * CB 1331 * p-N,N-DI(2-CHLOROETHYL)AMINOPHENYL ACETIC ACID * NSC 71964 * PHENACID

MUTATION DATA AND REFERENCES:
sln-dmg-par 3 mmol/L GENRAB 1,173,60
sln-dmg-unk 10 mmol/L ANYAA9 160,228,69

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T12 orl-rat TDLo:10 mg/kg (14D pre) STEDAM 19,771,72
1T03 scu-rat TDLo:8 mg/kg (14D male) STEDAM 19,771,72

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF5457000 ACETIC ACID, (4-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, CHOLESTERYL ESTER
UPDT:8412 CAS: 3546-10-9 MW: 644.89 MOLFM: C39-H59-Cl2-N-O2
SYN: (p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETIC ACID CHOLESTEROL ESTER * CHOLEST-5-EN-3-OL (3-beta)-, 4-(BIS(2-CHLOROETHYL)AMINO)BENZENEACETATE * 5-CHOLESTEN-3-beta-OL 3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETATE * CHOLESTEROL, (p-(BIS(2-CHLOROETHYL)AMINO)PHENYL) ACETATE * CHOLESTERYL p-BIS(2-CHLOROETHYL)AMINO PHENYLACETATE * FENESTERIN * FENESTRIN * NCI-C01358 * NSC 104469 * PHENESTERIN * PHENESTERINE * PHENESTRIN

TUMORIGENIC DATA AND REFERENCES:
2V01R60 orl-rat TDLo:780 mg/kg/52W-I NCITR* NCI-CG-TR-60,78
3V01J60P60 orl-mus TDLo:1092 mg/kg/1Y-I NCITR* NCI-CG-TR-60,78
2V02J60 ipr-mus TDLo:2400 mg/kg/8W-I CNREA8 33,3069,73
2V01R60 orl-rat TD :1560 mg/kg/1Y-I NCITR* NCI-CG-TR-60,78
3V01J60P60 orl-mus TD :2340 mg/kg/1Y-I NCITR* NCI-CG-TR-60,78
3V01J60P60 orl-mus TD :4680 mg/kg/1Y-I NCITR* NCI-CG-TR-60,78

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE;MOUSE, RAT (NCITR* NCI-CG-TR-60,78)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF5457430 ACETIC ACID, (p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, 2-HYDROXY-1,3-PROPANEDIYL ESTER
UPDT:8402 CAS: 38358-06-4 MW: 608.43 MOLFM: C27-H34-Cl4-N2-O5
SYN: BENZENEACETIC ACID, 4-(BIS(2-CHLOROETHYL)AMINO)-, 2-HYDROXY-1,3-PROPANEDIYL ESTER * (p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETIC ACID 2-HYDROXY-1,3-PROPANEDIYL ESTER * GLYCEROL 1,3-DI-p-(N,N-BIS(2-CHLOROETHYL)AMINO)PHENYL ACETATE * NSC 130680

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T13 scu-rat TDLo:10 mg/kg (14D pre) STEDAM 19,771,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF5458000 ACETIC ACID, ((2-(BIS(2-CHLOROETHYL)AMINO)ETHYL)IMINO)DI-, DIHYDROCHLORIDE
UPDT:8311 MW: 374.12 MOLFM: C10-H18-Cl2-N2-O4-2Cl-H
SYN: ((2-(BIS(2-CHLOROETHYL)AMINO)ETHYL)IMINO)DIACETIC ACID DIHYDROCHLORIDE * N,N-BIS(2-CHLOROETHYL)-N',N'-BIS(CARBOXYMETHYL)ETHYLENEDIAMINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:75 mg/kg CPBTAL 9,679,61

AF5471000 ACETIC ACID, BIS(p-CHLOROPHENOXY)-, 1-METHYL-4-PIPERIDYL ESTER
UPDT:8309
SYN: 1-METHYL-4-PIPERIDYL BIS(p-CHLOROPHENOXY)ACETATE * SoH-42-348

MUTATION DATA AND REFERENCES:
dni-mus oth 60 umol/L CNREA8 40,36,80

AF5775000 ACETIC ACID, BIS(4-HYDROXY-2-OXO-2H-1-BENZOPYRAN-3-YL)-, ETHYL ESTER
UPDT:8407 CAS: 548-00-5 MW: 408.38 MOLFM: C22-H16-O8
SYN: BIS(4-HYDROXY-3-COUMARIN)ACETIC ACID ETHYL ESTER * BIS-(4-HYDROXY-3-COUMARINYL)ETHYL ACETATE * BIS-3,3-(4-HYDROXYCUMARINYL)ACETIC ACID ETHYL ESTER * BIS(4-HYDROXY-2-OXO-2H-1-BENZOPYRAN-3-YL)ACETIC ACID ETHYL ESTER * BOEA * B.O.E.A. * 3,3'-(CARBOXYMETHYLENE)BIS(4-HYDROXYCOUMARIN) ETHYL ESTER * DICUMACYL * ETHYL BISCOUMACETATE * ETHYL BIS(4-HYDROXYCOUMARINYL)ACETATE * ETHYL BIS(4-HYDROXY-3-COUMARINYL)ACETATE * ETHYLDICOUMAROL * ETHYLDICOUMAROL ACETATE * ETHYL 4,4'-DIHYDROXYDICOUMARINYL 3,3'-ACETATE * NEODICOUMARIN * NEODICOUMAROL * NEODICUMARINUM * NEODIKUMARIN * PELENTAN * STABILENE * TROMBARIN * TROMBIL * TROMBOLYSAN * TROMEXAN * TROMEXAN ETHYL ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T71T77 orl-wmn TDLo:48 mg/kg (36-37W preg) BMJOAE 2,719,55

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:840 mg/kg FEPRA7 10,303,51
* ipr-rat LD50:320 mg/kg FEPRA7 10,303,51
* orl-mus LD50:880 mg/kg FEPRA7 10,303,51
* ipr-mus LD50:260 mg/kg FEPRA7 10,303,51
scu-mus LD50:750 mg/kg LANCAO 2,611,51
* orl-rbt LD50:1100 mg/kg FEPRA7 10,303,51
* ipr-rbt LD50:170 mg/kg FEPRA7 10,303,51

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF5785000 ACETIC ACID, BIS(p-IODOPHENYL)-
UPDT:8405 MW: 464.04 MOLFM: C14-H10-I2-O2
SYN: alpha-alpha-BIS(p-IODOPHENYL)ACETIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg JAPMA8 43,495,54

AF5810000 ACETIC ACID, BIS(NITRILOTRI-, ANTIMONY COMPLEX
UPDT:8209 CAS: 72017-60-8 MW: 536.07 MOLFM: C12-H14-N2-O12-Sb2-2H2-O
SYN: ANTIMONY AMMONIA TRIACETIC ACID * ATA-Sb * Sb-71

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:62 mg/kg XPHPAW 441,131,74

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

ACETIC ACID, 2,2'-((BIS(PHENYLMETHYL)STANNYLENE)BIS(THIO))BIS-, DIISOOCTYL ESTER (9CI) see: AG5975000

AF5950000 ACETIC ACID, BROMO-
UPDT:8401 CAS: 79-08-3 MW: 138.96 MOLFM: C2-H3-Br-O2
SYN: ACIDE BROMACETIQUE (French) * BROMOACETATE ION * BROMOACETIC ACID * BROMOACETIC ACID, SOLID (DOT) * BROMOACETIC ACID, solution (DOT) * BROMOETHANOIC ACID * alpha-BROMOETHANOIC ACID * MONOBROMOACETIC ACID * TO NTU * UN 1938 (DOT)

TOXICITY DATA AND REFERENCES:
orl-mus LD50:100 mg/kg JPETAB 86,336,46
ipr-mus LD50:66 mg/kg JNCIAM 31,297,63

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solid CFRGBR 49,172,101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172,101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AF5955000 ACETIC ACID, BROMO-, (solution)
UPDT:8309 CAS: 79-08-3 MW: 138.96 MOLFM: C2-H3-Br-O2
SYN: ACETIC ACID, BROMO- (8CI,9CI) * BROMOACETATE ION * alpha-BROMOACETIC ACID * BROMOETHANOIC ACID * MONOBROMOACETIC ACID * TO NTU

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID, BROMO- (8CI,9CI) see: AF5955000

AF5960000 ACETIC ACID, BROMO-, DIESTER with ETHYLENE GLYCOL
UPDT:8307 CAS: 3785-34-0 MW: 303.96 MOLFM: C6-H8-Br2-O4
SYN: ACETIC ACID, BROMO-, 1,2-ETHANEDIYL ESTER (9CI) * ACETIC ACID, BROMO-, ETHYLENE ESTER (8CI) * 1,2-BIS(BROMOACETOXY)ETHANE * BROMOACETIC ACID ETHYLENE ESTER * ETHYLENE BIS(BROMOACETATE) * ETHYLENE BROMOACETATE * ETHYLENE GLYCOL, BIS(BROMOACETATE) * PANDUROL * S 13

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:39 mg/kg JNCIAM 31,297,63
* ivn-mus LD50:56 mg/kg CSLNX* NX#03918
ivn-dog LD50:15 mg/kg JNCIAM 31,297,63

ACETIC ACID, BROMO-, 1,2-ETHANEDIYL ESTER (9CI) see: AF5960000
ACETIC ACID, BROMO-, ETHYLENE ESTER (8CI) see: AF5960000

AF6000000 ACETIC ACID, BROMO-, ETHYL ESTER
UPDT:8401 CAS: 105-36-2 MW: 167.02 MOLFM: C4-H7-Br-O2
SYN: ANTOL * BROMOACETIC ACID, ETHYL ESTER * ETHOXYCARBONYLMETHYL BROMIDE * ETHYL BROMACETATE * ETHYL BROMOACETATE * ETHYL alpha-BROMOACETATE * ETHYL BROMOACETATE (DOT) * ETHYL MONOBROMOACETATE * UN 1603 (DOT)

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:252 mg/kg/63W-I JNCIAM 53,695,74

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172,102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF6300000 ACETIC ACID, BROMO-, METHYL ESTER
UPDT:8312 CAS: 96-32-2 MW: 152.99 MOLFM: C3-H5-Br-O2
SYN: BROMOACETIC ACID METHYL ESTER * METHYL BROMOACETATE * METHYL alpha-BROMOACETATE * METHYL BROMOACETATE (DOT) * METHYL MONOBROMOACETATE * UN 2643 (DOT)

TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:16 mg/kg CBCCT* 6,138,54

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172,102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AF6325000 ACETIC ACID, (p-BROMOPHENYL)-
UPDT:8303 CAS: 1878-68-8 MW: 215.06 MOLFM: C8-H7-Br-O2
SYN: BENZENEACETIC ACID, 4-BROMO- (9CI) * (p-BROMOPHENYL)ACETIC ACID * (4-BROMOPHENYL)ACETIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1050 mg/kg FRPSAX 13,286,58

ACETIC ACID, BROMOPHENYL-, NITRILE see: AL8050000
ACETIC ACID, (2-BUTENYLIDENE)- see: WG2100000
ACETIC ACID, 2-BUTOXY ESTER see: AF7380000

AF7117000 ACETIC ACID, (4-tert-BUTYLCYCLOHEXYL) ESTER
UPDT:8303 CAS: 32210-23-4 MW: 198.34 MOLFM: C12-H22-O2
SYN: p-tert-BUTYLCYCLOHEXYL ACETATE * 4-tert-BUTYLCYCLOHEXYL ACETATE * 4-tert-BUTYLHEXAHYDROPHENYL ACETATE * CYCLOHEXANOL, 4-tert-BUTYL-, ACETATE * VERTENEX

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,657,78

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg FCTXAV 16,657,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AF7140000 ACETIC ACID, 2-(sec-BUTYL)-4,6-DINITROPHENYL ESTER
UPDT:8209 CAS: 2813-95-8 MW: 282.28 MOLFM: C12-H14-N2-O6
SYN: ACETIC ACID, (2,6-DINITRO-4-BUTYLPHENYL) ESTER * ACETIC ACID, (4,6-DINITRO-2-sec-BUTYLPHENYL) ESTER * O-ACETYL-2-sec-BUTYL-4,6-DINITROPHENOL * ARETIT * ARETIT (the phenol) * 2-sec-BUTYL-4,6-DINITROPHENYLACETATE * 6-sec-BUTYL-2,4-DINITROPHENYLACETATE * 2,4-DINITRO-6-sec-BUTYLPHENYLESTER XYSELINY OCTOVE (Czech) * 4,6-DINITRO-2-sec-BUTYLPHENYL ACETATE * DINOSEB ACETATE * HOE 2904 * beta-(2-HYDROXY-3,5-DINITROPHENYL)BUTANE ACETATE * IVOSIT * 2-(1-METHYLPROPYL)-4,6-DINITROPHENYL ACETATE * PHENOL, 2-sec-BUTYL-4,6-DINITRO-, ACETATE (ESTER) (8CI) * PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-, ACETATE (ESTER) (9CI) * PHENOTAN

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,131,72
eye-rbt 500 mg/24H MOD 28ZPAK -,131,72

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:60 mg/kg FMCHA2 -,C18,83

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAIL

orl-ckn LD50:40 mg/kg GUCHAZ 6,229,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF7175000 ACETIC ACID, 2-(tert-BUTYL)-4,6-DINITRO-m-TOLYL ESTER
UPDT:8408 CAS: 2487-01-6 MW: 296.31 MOLFM: C13-H16-N2-O6
SYN: 2-tert-BUTYL-5-METHYL-4,6-DINITROPHENYL ACETATE * n-CRESOL, 6-tert-BUTYL-2,4-DINITRO-, ACETATE (ESTER) (BCI) * 6-(1,1-DIMETHYLETHYL)-3-METHYL-2,4-DINITROPHENYL ACETATE * 2,4-DINITRO-3-METHYL-6-tert-BUTYLPHENYL ACETATE * MC 1488 * MEDINOTERB ACETATE * P 1488 * PHENOL, 6-(1,1-DIMETHYLETHYL) 3-METHYL 2,4-DINITRO-, ACETATE (ESTER) (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:42 mg/kg	FMCHA2 -,C148,83
	skn-rat LD50:1300 mg/kg	GUCHAZ 6,326,73
	orl-rbt LD50:80 mg/kg	28ZEAL 4,82,69
	orl-gpg LD50:55 mg/kg	28ZEAL 4,82,69
	orl-ckn LD50:560 mg/kg	28ZEAL 5,144,76
	unk-mam LD50:42 mg/kg	30ZDA9 -,100,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF7350000 ACETIC ACID, BUTYL ESTER
UPDT:8407 CAS: 123-86-4 MW: 116.18 MOLFM: C6-H12-O2
SYN: ACETATE DE BUTYLE (French) * BUTILE (ACETATI DI) (Italian) * BUTYLACETAT (German) * BUTYL ACETATE * n-BUTYL ACETATE * 1-BUTYL ACETATE * BUTYL ACETATE (DOT) * BUTYLACETATEN (Dutch) * BUTYLE (ACETATE DE) (French) * BUTYL ETHANOATE * OCTAN n-BUTYLU (Polish) * UN 1123 (DOT)

IRRITATION DATA AND REFERENCES:

	eye-hmn 300 ppm	JIHTAB 25,282,43
	skn-rbt 500 mg/24H MOD	FCTXAV 17,515,79
	eye-rbt 20 mg open SEV	AMIHBC 10,61,54

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2734T46	ihl-rat TCLo:1500 ppm/7H (7-16D preg)	NTIS** PB83-258038

TOXICITY DATA AND REFERENCES:

3D07D25J30	ihl-hmn TCLo:200 ppm	JIHTAB 25,282,43
*	orl-rat LD50:14 gm/kg	AMIHBC 10,61,54
	ihl-rat LC50:2000 ppm/4H	NPIRI* 1,7,74
*	orl-mus LD50:7100 mg/kg	FCTXAV 17,515,79
	ipr-mus LD50:1230 mg/kg	SCCUR* -,2,61
	ihl-cat LCLo:68000 mg/m3/72M	AGGHAR 5,1,33
*	orl-rbt LD50:7400 mg/kg	FCTXAV 17,515,79
*	orl-gpg LDLo:4700 mg/kg	FCTXAV 17,515,79
2D35F25	ihl-gpg LCLo:67000 mg/m3/4H	FCTXAV 17,515,79
2L03Y16	ipr-gpg LDLo:1500 mg/kg	AJHAAP 35,21,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,28,60
★ TLV-TWA 150 ppm; STEL 200 ppm DTLVS* 4,52,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 150 ppm (SCP-D) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1450
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF7380000 ACETIC ACID, sec-BUTYL ESTER
UPDT:8404 CAS: 105-46-4 MW: 116.18 MOLFM: C6-H12-O2
SYN: ACETATE DE BUTYLE SECONDAIRE (French) * ACETIC ACID, 2-BUTOXY ESTER * ACETIC ACID, 1-METHYLPROPYL ESTER (9CI) * sec-BUTYL ACETATE * 2-BUTYL ACETATE * sec-BUTYL ACETATE (DOT) * sec-BUTYL ALCOHOL ACETATE * UN 1123 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 200 ppm; STEL 250 ppm DTLVS* 4,52,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm (SCP-D) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1450
REPORTED IN EPA TSCA INVENTORY, 1983

AF7400000 ACETIC ACID, tert-BUTYL ESTER
UPDT:8404 CAS: 540-88-5 MW: 116.18 MOLFM: C6-H12-O2
SYN: ACETIC ACID, 1,1-DIMETHYLETHYL ESTER (9CI) * t-BUTYL ACETATE * tert-BUTYL ACETATE (DOT) * TEXACO LEAD APPRECIATOR * TLA * UN 1123 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 200 ppm; STEL 250 ppm DTLVS* 4,53,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm (SCP-D) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1450
REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID, 3-BUTYL-5-METHYL-TETRAHYDRO-2H-PYRAN-4-YL ESTER see: UQ0500000

AF7477000 ACETIC ACID, BUTYLNITROSAMINOMETHYL ESTER
UPDT:8405 CAS: 56986-36-8 MW: 174.23 MOLFM: C7-H14-N2-O3
SYN: ACETOXYMETHYLBUTYLNITROSAMINE * N-(ACETOXY)METHYL-N-n-BUTYLNITROSAMINE * BAMN * BUTYL ACETOXYMETHYLNITROSAMINE * N-BUTYL-N-(ACETOXYMETHYL)NITROSAMINE * BUTYL AMINE, N-(1-ACETOXYMETHYL)-N-NITROSO- * BUTYLNITROSAMINOMETHYL ACETATE * METHYLAMINE, 1-ACETOXY-N-BUTYL-N-NITROSO- * N-NITROSO-N-(1-ACETOXYMETHYL)BUTYLAMINE

MUTATION DATA AND REFERENCES:

	mma-sat 1 umol/plate	MUREAV 49,187,78
	mma-esc 1 umol/plate	GANNA2 71,124,80
	dnr-bcs 500 nmol/plate	GANNA2 66,457,75
	dnd-mus:fbr 260 nmol/L	GANNA2 73,565,82
	cyt-ham:fbr 16 mg/L/24H	MUREAV 48,337,77
	msc-ham:lng 100 umol/L	GANNA2 72,531,81

TUMORIGENIC DATA AND REFERENCES:

2V03K60	orl-rat TDLo:555 mg/kg/90D-I	ZKKOBW 91,317,78
3V01J60V10	scu-rat TDLo:50 mg/kg/10W-I	JCROD7 104,13,82
3V01J60V10	scu-rat TD :66 mg/kg/10W-I	IAPUDO 41,619,82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1500 mg/kg ZKKOBW 91,317,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF7477100 ACETIC ACID, (tert-BUTYLNITROSAMINO)METHYL ESTER
UPDT:8412 MW: 174.23 MOLFM: C7-H14-N2-O3
SYN: N-(ACETOXY)METHYL-N-tert-BUTYLNITROSAMINE * N-NITROSO-N-(ACETOXY)METHYL-N-tert-BUTYLAMINE

MUTATION DATA AND REFERENCES:

	mma-sat 1 umol/plate	CRNGDP 5,809,84
	msc-ham:lng 100 umol/L	GANNA2 72,531,81

ACETIC ACID, 1-(BUTYLNITROSOAMINO)BUTYL ESTER see: EL1250000

AF7479000 ACETIC ACID, (m-tert-BUTYLPHENOXY)-, PROPYL ESTER
UPDT:8309 MW: 250.37 MOLFM: C15-H22-O3
SYN: M & B 25-105 * n-PROPYL-3-tert-BUTYLPHENOXYACETATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1800 mg/kg FMCHA2 -,C146,83

AF7493000 ACETIC ACID, (3-BUTYRAMIDO-2,4,6-TRIIODOPHENOXY)-
UPDT:8405 MW: 614.95 MOLFM: C12-H12-I3-N-O4
SYN: (3-BUTYRAMIDO 2,4,6-TRIIODOPHENOXY)ACETIC ACID * 2,4,6-TRIIOD-3-(n) BUTYRYLAMINO PHENOXY-ESSIGSAEURE (German)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2 gm/kg PHARAT 16,389,61

ACETIC ACID, CADMIUM SALT see: EU9810000
ACETIC ACID, (p-CARBAMOYLAMINO)PHENYLARSINOBIS(2-THIO- see: AI6500000
ACETIC ACID, ((CARBOXYMETHYLIMINO)BIS(ETHYLENEMITRILO))TETRA- see: MB8205000
ACETIC ACID, ((CARBOXYMETHYLIMINO)BIS(ETHYLENEMITRILO))TETRA-, CALCIUM TRISODIUM SALT see: MB8210000
ACETIC ACID, ((CARBOXYMETHYLIMINO)BIS(ETHYLENEMITRILO))TETRA-, PENTASODIUM SALT see: MB8272500
ACETIC ACID, CEDROL ESTER see: FJ1680000
ACETIC ACID, CHLORIDE see: AO6390000

AF8575000 ACETIC ACID, CHLORO-
UPDT:8412 CAS: 79-11-8 MW: 94.50 MOLFM: C2-H3-Cl-O2
SYN: ACIDE CHLORACETIQUE (French) * ACIDE MONOCHLORACETIQUE (French) * ACIDOMONOCLOROACETICO (Italian) * CHLORACETIC ACID * CHLOROACETIC ACID * alpha CHLOROACETIC ACID * CHLOROACETIC ACID, liquid (DOT) * CHLOROACETIC ACID, SOLID (DOT) * CHLOROACETIC ACID, solution (DOT) * CHLOROETHANOIC ACID * MCA * MONOCHLOORAZIJNZUUR (Dutch) * MONOCHLORACETIC ACID * MONOCHLORESSIGSAEURE (German) * MONOCHLOROACETIC ACID * MONOCHLOROETHANOIC ACID * NCI-C60231 * UN 1750 (DOT) * UN 1751 (DOT)

MUTATION DATA AND REFERENCES:

	mma-mus:lym 548 mg/L	MUREAV 97,49,82

TUMORIGENIC DATA AND REFERENCES:

3V03J60L60	scu-mus TDLo:100 mg/kg	NTIS** PB223-159
2V03V10	scu-mus TD :1300 mg/kg/65W-I	JNCIAM 53,695,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:76 mg/kg	85ESA3 9,268,76
*	ihl-rat LC50:180 mg/m3	GTPZAB 18(9),32,74
	scu-rat LD50:5 mg/kg	TXAPA9 22,303,72
1K30	ivn-rat LD50:55 mg/kg	GTPZAB 18(9),32,74
	orl-mus LD50:165 mg/kg	JPETAB 86,336,46
	ipr-mus LDLo:500 mg/kg	CBCCT* 9,127,57

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, liquid or solution CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solid CFRGBR 49,172.101,82

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 332
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0578-0154 P
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AFB797000 ACETIC ACID, CHLORO-, 4-CHLORO-2-ETHYLPHENYL ESTER
UPDT:8403 CAS: 53347-19-6 MW: 233.10 MOLFM: C10-H10-Cl2-O2
SYN: CHLOROACETIC ACID 4-CHLORO-2-ETHYLPHENYL ESTER

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:780 mg/kg PHARAT 30,147,75

ACETIC ACID, ((4-CHLORO-6-((2,3-DIMETHYLPHENYL)AMINO)-2-PYRIMIDINYL)THIO)- see: AG2915000

AF9000000 ACETIC ACID, CHLORODIPHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER
UPDT:8403 MW: 345.90 MOLFM: C20-H24-Cl-N-O2
SYN: CHLORODIPHENYLACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER * alpha-CHLORODIPHENYL ACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER * alpha-CHLORO alpha-PHENYLBENZENEACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER * DIA~HEN * 2-(DIETHYLAMINO)ETHYL alpha-CHLORODIPHENYL ACETATE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:80 mg/kg MEIEDD 10,433,83

AF9107000 ACETIC ACID, CHLORO-, compd. with 1-DODECANAMINE (1:1)
UPDT:8306 CAS: 78961-20-3 MW: 279.90 MOLFM: C12-H27-N C2-H3-Cl-O2
SYN: DODECYLAMINE, CHLOROACETATE * DODECYLAMMONIUM CHLOROACETATE

TOXICITY DATA AND REFERENCES:
1R02 orl-mus LD50:600 mg/kg PCJOAU 15,383,81

ACETIC ACID, CHLORO-, ESTER with SALICYLIC ACID see: VO2100000

AF9110000 ACETIC ACID, CHLORO-, ETHYL ESTER
UPDT:8406 CAS: 105-39-5 MW: 122.56 MOLFM: C4-H7-Cl-O2
SYN: CHLOROACETIC ACID, ETHYL ESTER * ETHYL CHLORACETATE * ETHYL CHLOROACETATE * ETHYL CHLOROACETATE (DOT) * ETHYL alpha-CHLOROACETATE * ETHYL CHLOROETHANOATE * ETHYL MONOCHLORACETATE * ETHYL MONOCHLOROACETATE * UN 1181 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 750 ug SEV AJOPAA 29,1363,46

TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:2940 mg/kg/8W-I CNREA8 39,391,79

TOXICITY DATA AND REFERENCES:
3C08J26J30 scu-mus LD50:250 mg/kg JJPAAZ 3,99,54
skn-rbt LD50:230 mg/kg TXAPA9 42,417,77

STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AF9172000 ACETIC ACID, 4-(2-CHLOROETHYL)-2-NITROSOSEMICARBAZIDE
UPDT:8403 MW: 208.63 MOLFM: C5-H9-Cl-N4-O3
SYN: ACETAMIDO-CNU * 1-(2-CHLOROETHYL) 1-NITROSO 3-(METHYLENECARBOXAMIDO)UREA

MUTATION DATA AND REFERENCES:
2nd- at-ipr 100 umol/kg CNREA8 44,514,84

TOXICITY DATA AND REFERENCES:
3J16K06P26 ipr-rat LD50:19700 ug/kg ONCOBS 37,177,80

ACETIC ACID, (2-(2-CHLORO-4-ETHYLPHENOXY)-5-METHYLPHENYL)- see: CY1576250

AF9192500 ACETIC ACID, 2-(2-CHLOROETHYL)THIO-, METHYL ESTER
UPDT:8307 CAS: 73623-48-6 MW: 168.65 MOLFM: C5-H9-Cl-O2-S
SYN: 2-(2-CHLOROETHYLTHIO)ACETIC ACID METHYL ESTER * METHYL 2-CHLOROETHYLTHIOACETATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#05589

ACETIC ACID, 3-CHLORO-2-HYDROXYPROPYL ESTER see: TY4203000

AF9260000 ACETIC ACID, (3-CHLORO-p-(2H-INDAZOL-2-YL)PHENYL)-
UPDT:8303 MW: 286.72 MOLFM: C15-H11-Cl-N2-O2
SYN: (3-CHLORO p-(2H-INDAZOL-2-YL)PHENYL)ACETIC ACID * M.G. 18767

TOXICITY DATA AND REFERENCES:
3F05F11F19 ipr-mus LD50:200 mg/kg FRPSAX 36,1037,81

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

AF9273000 ACETIC ACID, (3-CHLORO-4-ISOBUTYLPHENYL)-
UPDT:8309 CAS: 58880-42-9 MW: 226.72 MOLFM: C12-H15-Cl-O2
SYN: BENZENEACETIC ACID, 3-CHLORO-4-(2-METHYLPROPYL)- * (3-CHLORO-4-ISOBUTYLPHENYL)ACETIC ACID * TAI 254
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg TAKHAA 34,467,75
AF9300000 ACETIC ACID, CHLORO-, ISOPROPYL ESTER
UPDT:8403 CAS: 105-48-6 MW: 136.59 MOLFM: C5-H9-Cl-O2
SYN: CHLOROACETIC ACID ISOPROPYL ESTER * ISOPROPYL CHLOROACETATE (DOT) * UN 2947 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
AF9400000 ACETIC ACID, (4-CHLORO-2-(o-METHOXYCINNAMOYL)PHENOXY)-
UPDT:8411 CAS: 28328-73-6 MW: 346.78 MOLFM: C18-H15-Cl-O5
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg CHTPBA 5,431,70
* ivn-mus LD50:270 mg/kg CHTPBA 5,431,70
AF9500000 ACETIC ACID, CHLORO-, METHYL ESTER
CAS: 96-34-4 MW: 108.53 MOLFM: C3-H5-Cl-O2
SYN: METHYL CHLOROACETATE * METHYL CHLOROACETATE (DOT) * METHYL MONOCHLOROACETATE * METHYL MONOCHLOROACETATE * MONOCHLOROACETIC ACID METHYL ESTER * UN 2295 (DOT)
TOXICITY DATA AND REFERENCES:
* scu-rat LD16:560 mg/kg 85GMAT -,82,82
* orl-mus LD50:240 mg/kg 85GMAT -,82,82
* ihl-mus LC50:1 gm/m3/2H 85GMAT -,82,82
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
AF9537000 ACETIC ACID, 2-(7-CHLORO-1-METHYL-2-OXO-5-PHENYL-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-3-YL) HYDRAZIDE
UPDT:8311 MW: 356.84 MOLFM: C18-H17-Cl-N4-O2
SYN: 1-METHYL-7-CHLORO-5-PHENYL-3-ACETYLHYDRAZINO-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-2-ONE
TOXICITY DATA AND REFERENCES:
3F02F05F07 orl-mus LD50:700 mg/kg PCJOAU 16,617,82
ACETIC ACID, (4-CHLORO-2-METHYLPHENOXY)- see: AG1575000
ACETIC ACID, (4-CHLORO-2-METHYLPHENOXY)-, BUTYL ESTER see: AG1780000
AF9557000 ACETIC ACID, (4-CHLORO-2-METHYLPHENOXY)-, BUTYL ESTER, mixt. with PENTYL (2,4,5- TRICHLOROPHENOXY)ACETATE
UPDT:8311 CAS: 8064-18-4 MW: 582.38 MOLFM: C13-H17-Cl-O3 C13-H15-Cl-O3
SYN: CELATOX * TSELATOX * TSLT
TOXICITY DATA AND REFERENCES:
2F07F17 orl-rat LDLo:800 mg/kg GNAMAP 9,72,70
2F07F17 orl-mus LD50:1300 mg/kg GNAMAP 9,72,70
2F07F17 orl-gpg LD50:1600 mg/kg GNAMAP 9,72,70
ACETIC ACID, (4-CHLORO-2-METHYLPHENOXY)-, SODIUM SALT see: AG2625000
AF9700000 ACETIC ACID, (4-CHLORO-2-OXOBENZOTHIAZOL-3-YL)-
UPDT:8309 CAS: 3813-05-6 MW: 243.67 MOLFM: C9-H6-Cl-N-O3-S
SYN: BEN-30 * BENAZALOX * BENAZOLIN * BEN-CORNOX * BENOPAN * BENSECAL * BENZAR * 3(2H)-BENZOTHIAZOLEACETIC ACID, 4-CHLORO-2-OXO- (9CI) * 3-BENZOTHIAZOLINEACETIC ACID, 4-CHLORO-2-OXO- (8CI) * 4-CHLORO-2-OXOBENZOTHIAZOL-3-YLACETIC ACID * CORNOX CWR * CRESOPUR * EUNASIN * ER 10781 * GALIPAN * GRASSLAND WEEDKILLER * HERBAZOLIN * HERBITOX * KEROPUR * LEGUMEX EXTRA * LEY-CORNOX * LEYNIN * METIZOLIN * RD 7693 * TRI-CORNOX * TRI-CORNOX SPECIAL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg BSARAE 2,26,77
AF9704000 ACETIC ACID, (4-CHLORO-2-OXOBENZOTHIAZOL-3-YL)-, SODIUM SALT
UPDT:8309 MW: 265.61 MOLFM: C9-H5-Cl-N-O3-S-Na
SYN: BENAZOLIN SODIUM * (4-CHLORO-2-OXOBENZOTHIAZOL-3-YL)ACETIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg FMCHA2 -,C29,83
AF9720000 ACETIC ACID, 2-(7-CHLORO-2-OXO-5-PHENYL-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-3-YL)HYDRAZIDE
UPDT:8311 MW: 342.81 MOLFM: C17-H15-Cl-N4-O2
SYN: 2-(7-CHLORO-2-OXO-5-PHENYL-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-3-YL)HYDRAZIDE of ACETIC ACID * 7-CHLORO-5-PHENYL-3-ACETYLHYDRAZINO-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-2-ONE
TOXICITY DATA AND REFERENCES:
3F02F05F07 orl-mus LD50:700 mg/kg PCJOAU 16,617,82
AG0175000 ACETIC ACID, (p-CHLOROPHENOXY)-
UPDT:8309 CAS: 122-88-3 MW: 186.60 MOLFM: C8-H7-Cl-O3
SYN: ACETIC ACID, (4-CHLOROPHENOXY)- (9CI) * p-CHLOROPHENOXYACETIC ACID * (4-CHLOROPHENOXY)ACETIC ACID * 4-CP * CPA * 4-CPA * MARKS 4-CPA * PARACHLORPHENOXYACETIC ACID * PCPA * SUBE-SET * TOMATO HOLD * TOMATO FIX * TOMATO FIX CONCENTRATE * TOMATOTONE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:850 mg/kg RREVAH 10,97,65
ipr-mus LD50:680 mg/kg CHTPBA 5,211,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETIC ACID, (4-CHLOROPHENOXY)- (9CI) see: AG0175000
AG0430000 ACETIC ACID, (p-CHLOROPHENOXY)-, 2-(DIMETHYLAMINO)ETHYL ESTER
UPDT:8306 CAS: 51-68-3 MW: 257.74 MOLFM: C12-H16-Cl-N-O3
SYN: ACEPHENE * ACETIC ACID, (4-CHLOROPHENOXY)-, 2-(DIMETHYLAMINO)ETHYL ESTER (9CI) * ANALL * ANP 235 * AT SEFEN * ATSEPHEN * CENTROFENOXINA * CENTROPHENOXIN * CENTROPHENOXINE * CEREBON * p-CHLOROPHENOXYACETIC ACID beta-DIMETHYLAMINOETHYL ESTER * CLOFENOXIN * CLOPENOXIN * CLOPHENOXATE * DEANOL p-CHLOROPHENOXYACETATE * DEANOLESTERE * DIMETHYLAMINOETHYL p-CHLOROPHENOXYACETATE * DIMETHYLAMINOETHYL 4-CHLOROPHENOXYACETIC ACID * EN 1627 * HELFERGIN * LUCIDRIL * LUCIDRIL * LUCIDRYL * LUNCIDRIL * MECLOFENOXANE * MECLOFENOXATE * MECLOPHENOXATE * MUCIDRIL * PROSERYL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2600 mg/kg 27ZQAG -,386,72
orl-mus LD50:1750 mg/kg 27ZQAG -,386,72
* ipr-mus LD50:800 mg/kg BCFAAI 111,293,72
ivn-rbt LD50:150 mg/kg 27ZQAG -,386,72
ACETIC ACID, (4-CHLOROPHENOXY)-, 2-(DIMETHYLAMINO)ETHYL ESTER (9CI) see: AG0430000
AG0440000 ACETIC ACID, (p-CHLOROPHENOXY)-, 2-DIMETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 3685-84-5 MW: 294.20 MOLFM: C12-H16-Cl-N-O3 Cl-H
SYN: ACEFEN * ACEPHEN * ACETIC ACID, (4-CHLOROPHENOXY)-, 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE (9CI) * 235 ANP HYDROCHLORIDE * BRENAL * CELLATIVE * CENTROFENOXIN * CENTROPHENOXINE * CENTROPHENOXINE HYDROCHLORIDE * CERUTIL * CLOCETE * DIMETHYLAMINOETHYL ESTER of p-CHLOROPHENOXYACETIC ACID HYDROCHLORIDE * HELFERGIN * LUCIDRIL * LUCIDRYL HYDROCHLORIDE * MARUCOTOL * MECLOFENOXATE HYDROCHLORIDE * MECLOPHENOXATE HYDROCHLORIDE * METHYNAL * PROSEROUT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:865 mg/kg KSKZAN 16(2),59,78
orl-mus LD50:1750 mg/kg CRSBAW 153,1914,59
* ipr-mus LD50:660 mg/kg NIIRDN 6,814,82
* scu-mus LD50:1560 mg/kg NIIRDN 6,814,82
* ivn-mus LD50:330 mg/kg FRXXBL #398M
* ivn-rbt LDLo:150 mg/kg CRSBAW 153,1914,59
ACETIC ACID, (4-CHLOROPHENOXY)-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE (9CI) see: AG0440000
AG0525000 ACETIC ACID, (p-CHLOROPHENOXY)-, 2-ISOPROPYLHYDRAZIDE
UPDT:8306 CAS: 3544-35-2 MW: 242.73 MOLFM: C11-H15-Cl-N2-O2
SYN: ACETIC ACID, (4-CHLOROPHENOXY)-, 2-(1-METHYLETHYL)HYDRAZIDE (9CI) * p-CHLOROPHENOXYACETIC ACID 2-ISOPROPYLHYDRAZIDE * 1-(p-CHLOROPHENOXYACETYL)-2-ISOPROPYL HYDRAZINE * IPROCLOZID * IPROCLOZIDE * ISOPROPILIDRAZIDE dell'ac. p-CLORO-FENOSSIACETICO (Italian) * PC 603 * PU 603 * SINDI RESIN * SOG-4 * SURSUM
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1Y27 orl-rat TDLo:600 mg/kg (15D preg) AOGNAX 71,153,66
TOXICITY DATA AND REFERENCES:
orl-rat LD50:550 mg/kg 27ZQAG -,394,72
orl-mus LD50:278 mg/kg 27ZQAG -,394,72
3F17F29U26 ipr-mus LD50:219 mg/kg PCJOAU 11,887,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETIC ACID, (4-CHLOROPHENOXY)-, 2-(1-METHYLETHYL)HYDRAZIDE (9CI) see: AG0525000
AG0570000 ACETIC ACID, p-CHLOROPHENOXY-, 2-(2-METHYL-4-OXO-3,4-DIHYDRO-3-QUINAZOLINYL)ETHYL ESTER
UPDT:8407 CAS: 50840-26-1 MW: 372.83 MOLFM: C19-H17-Cl-N2-O4
SYN: 3-(2-HYDROXYETHYL)-2-METHYL-4(3H)-QUINAZOLINONE (p-CHLOROPHENOXY)ACETATE * 4(3H)-QUINAZOLINONE, 3-(2-HYDROXYETHYL)-2-METHYL-, (p-CHLOROPHENOXY)ACETATE
TOXICITY DATA AND REFERENCES:
3F17F18F23 par-mus LD50:2000 mg/kg PCJOAU 7,626,73
AG0580000 ACETIC ACID, (p-CHLOROPHENOXY)-, SODIUM SALT
UPDT:8405 MW: 192.58 MOLFM: C8-H6-Cl-O2-Na
SYN: 4-CHLOROPHENOXYACETIC ACID SODIUM SALT * SODIUM 4-CHLOROPHENOXYACETATE
MUTATION DATA AND REFERENCES:
dns-hmn:oth 10 mmol/L MUREAV 122,377,83
AG0590000 ACETIC ACID, (p-CHLOROPHENYL)-
UPDT:8401 CAS: 1878-66-6 MW: 170.60 MOLFM: C8-H7-Cl-O2
SYN: BENZENEACETIC ACID, 4-CHLORO- (9CI) * 4-CHLOROBENZENEACETIC ACID * (p-CHLOROPHENYL)ACETIC ACID * 2-(p-CHLOROPHENYL)ACETIC ACID * (4-CHLOROPHENYL)ACETIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1350 mg/kg FRPSAX 13,286,58
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
AG1400000 ACETIC ACID, CHLORO-, SODIUM SALT
UPDT:8403 CAS: 3926-62-3 MW: 116.48 MOLFM: C2-H2-Cl-O2-Na
SYN: CHLOROACETIC ACID SODIUM SALT * CHLOROCTAN SODNY (Czech) * DOW DETOLIANT * MONOXONE * SMA * SMCA * SODIUM CHLOROACETATE * SODIUM CHLOROACETATE (DOT) * SODIUM MONOCHLOROACETATE * UN 2659 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:95 mg/kg JIHTAB 23,78,41
orl-mus LD50:255 mg/kg JIHTAB 23,78,41
ivn-mus LD50:109 mg/kg 28ZPAK -,90,72
orl-rbt LD50:156 mg/kg PCOC** -,1047,66
orl-gpg LD50:80 mg/kg JIHTAB 23,78,41
orl-ckn LD50:81 mg/kg PCOC** -,1047,66
orl-mam LDLo:150 mg/kg NVTMAF 13,271,61
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AG1475000 ACETIC ACID, CHLOROTHIO-, S-2-AMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8311 MW: 183.72 MOLFM: C6-H13-N-O-S-Cl-H
SYN: S-CHLOROACETYL-2-MERCAPTOETHYLAMINE HYDROCHLORIDE * CHLOROTHIOACETIC ACID S-2-AMINOETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:1000 mg/kg JPMSAE 51,168,62
AG1575000 ACETIC ACID, ((4-CHLORO-o-TOLYL)OXY)-
UPDT:8411 CAS: 94-74-6 MW: 200.63 MOLFM: C9-H9-Cl-O3
SYN: ACETIC ACID, (4-CHLORO-2-METHYLPHENOXY)- * AGRITOX * AGROXON * AGROXONE * ANICON KOMBI * ANICON M * BH MCPA * BORDERMASTER * BROMINAL M & PLUS * B-SELEKTONON M * CHIPTOX * 4-CHLORO-o-CRESOXYACETIC ACID * (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID * 4-CHLORO-o-TOLOXYACETIC ACID * ((4-CHLORO-o-TOLYL)OXY)ACETIC ACID * CHWASTOX * CORNOX M * DED-WEED * DICOPUR-M * DICOTEX * DIKOTES * DIKOTEX * DOW MCP AMINE WEED KILLER * EMCEPAN * EMPAL * HEDAPUR M 52 * HEDAREX M * HEDONAL M * HERBICIDE M * HORMOTUHO * HORNOTUHO * KILSEM * 48-26M * KREZONE * LEGUMEX DB * LEUNA M * LEYSPRAY * UNORMONE * M 40 * 2M-4C * 2M-4CH * MCP * MCPA * 2,4-MCPA * MEPHANAC * METAXON * METHOXONE * 2-METHYL-4-CHLOROPHENOXYACETIC ACID * 2-METHYL-4-CHLORPHENOXYESSIGSAEURE (German) * 2M-4KH * NETAZOL * ORTILTIN M * PHENOXYLENE PLUS * PHENOXYLENE SUPER * RAPHONE * RAZOX * DOCK KILLER * RHOMENC * RHOMENE * RHONOX * SHAMROX * SEPPIC MMD * SOVIET TECHNICAL MCPA * 2M-4C * TRASAN * U 46 * U 46 M-FLUID * USTINEX * VACATE * VESAKONTUHO MCPA * VERDONE * WEEDAR * WEEDAR MCPA CONCENTRATE * WEEDONE * WEEDONE MCPA ESTER * WEED RHAP * ZELAN
MUTATION DATA AND REFERENCES:
sln-dmg-orl 5 mmol/L EXPEAM 30,621,74
mma-smc 30 umol/L/3H MUREAV 60,291,79
dns-mus-orl 200 mg/kg JUREAV 55,197,78
hma-mus/sat 200 mg/kg ECBUDQ 27,182,78
sce-ham:ovr 10 umol/L/1H CRNGDP 6,733,84
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T46 orl-mus TDLo:2 gm/kg (6-15D preg) ARZNAD 33,1479,83
2T24T25 orl-mus TDLo:3 gm/kg (6-15D preg) ARZNAD 33,1479,83
1T34 orl-mus TDLo:1 gm/kg (6-15D preg) ARZNAD 33,1479,83
TOXICITY DATA AND REFERENCES:
3K05F07L03 orl-rat LD50:700 mg/kg AJVRAH 15,622,54
* orl-mus LD50:550 mg/kg FMCHA2 -,C183,83
scu-mus LDLo:28 mg/kg PCOC** -,711,66
ivn-mus LD50:28 mg/kg PCOC** -,711,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 30,255,83
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 30,255,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AG1780000 ACETIC ACID, ((4-CHLORO-o-TOLYL)OXY)-, BUTYL ESTER
UPDT:8309 CAS: 1713-12-8 MW: 256.75 MOLFM: C13-H17-Cl-O3
SYN: ACETIC ACID, (4-CHLORO-2-METHYLPHENOXY)-, BUTYL ESTER * BUTYL 2-METHYL-4-CHLOROPHENOXYACETATE * MCPA BUTYL * YAMACLEAN M
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:914 mg/kg FMCHA2 -,C257,83
AG1910000 ACETIC ACID, ((4-CHLORO-o-TOLYL)OXY)-, alpha-((DIMETHYLAMINO)METHYL)BENZYL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 412.39 MOLFM: C21-H26-Cl-N-O3 Cl-H

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

SYN: ((4-CHLORO-o-TOLYL)OXY)ACETIC ACID, alpha-((DIMETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:1000 mg/kg JACSAT 81,203 59

AG2275000 ACETIC ACID, ((4-CHLORO-o-TOLYL)OXY)-, compd. with 2,2'-IMINODIETHANOL (1:1)
UPDT:8305 CAS: 20405-19-0 MW: 305.79 MOLFM: C9-H9-Cl-O3 C4-H11-N-O2
SYN: MCPA DIETHANOLAMINE SALT * (4-METHYL-6-CHLOROPHENOXY)ACETIC ACID, DIETHANOLAMINE SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:800 mg/kg FCTXAV 3,883,65
* ipr-rat LD50:300 mg/kg FCTXAV 3,883,65
* orl-mus LD50:550 mg/kg FCTXAV 3,883,65
* ipr-mus LD50:350 mg/kg FCTXAV 3,883,65

AG2625000 ACETIC ACID, ((4-CHLORO-o-TOLYL)OXY)-, SODIUM SALT
UPDT:8402 CAS: 3653-48-3 MW: 222.61 MOLFM: C9-H8-Cl-O3 Na
SYN: ACETIC ACID, (4-CHLORO-2-METHYLPHENOXY)-, SODIUM SALT * AGROXONE 3 * 4-CHLORO-2-METHYLPHENOXYACETIC ACID SODIUM SALT * (p-CHLORO-o-TOLYLOXY)ACETIC ACID SODIUM SALT * CHWASTOKS * CHWASTOX * CHWASTOX 80 * DIAMET * DICOSPX * DICOTEX 80 * DIKOTERS * DIKOTEX * DIKOTEX 30 * MCPA Na SALT * MCPA SODIUM SALT * METAXONE * METHOXON * METHOXONE * (2-METHYL-4-CHLOROPHENOXY)ACETIC ACID, SODIUM SALT * 2M-4KH SODIUM SALT * 2M-4X * Na MCPA * PHENOXYLENE * SODIUM (4-CHLORO-2-METHYLPHENOXY)ACETATE * SODIUM MCPA * SODIUM (2-METHYL-4-CHLOROPHENOXY)ACETATE * SYS 67ME
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 orl-rat TDLo:11400 mg/kg (60D male) JRPFA4 48,243,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:800 mg/kg WRPCA2 9,119,70
* ipr-rat LD50:400 mg/kg FCTXAV 3,883,65
scu-rat LD50:500 mg/kg BECTA6 18,152,77
* unk-rat LD50:1417 mg/kg GISAAA 47(8),86,82
* orl-mus LD50:560 mg/kg FCTXAV 3,883,65
* ipr-mus LD50:500 mg/kg FCTXAV 3,883,65
* unk-mus LD50:870 mg/kg GISAAA 47(8),86,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG2650000 ACETIC ACID, ((4-CHLORO-o-TOLYL)OXY)THIO-, S-ETHYL ESTER
UPDT:8309 CAS: 25319-90-8 MW: 244.75 MOLFM: C11-H13-Cl-O2-S
SYN: ETHANETHIOIC ACID, (4-CHLORO-2-METHYLPHENOXY)-, S-ETHYL ESTER (9CI) * HERBIT * HOK 7501 * 2-METHYL-4-CHLOROPHENOXYTHIOL ACETIC ACID S-ETHYL ESTER * PHENOTHIOL * TRIPION CB
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1266 mg/kg 85ARAE 2,9,77

AG2850000 ACETIC ACID, CHLORO-, VINYL ESTER
UPDT:8401 CAS: 2549-51-1 MW: 120.54 MOLFM: C4-H5-Cl-O2
SYN: UN 2589 (DOT) * VINYL CHLOROACETATE * VINYL CHLOROACETATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AG2915000 ACETIC ACID, ((4-CHLORO-6-(2,3-XYLIDINO)-2-PYRIMIDINYL)THIO)-
UPDT:8401 CAS: 50892-23-4 MW: 323.82 MOLFM: C16-H14-Cl-N3-O2-S
SYN: ACETIC ACID, ((4-CHLORO-6-((2,3-DIMETHYLPHENYL)AMINO)-2-PYRIMIDINYL)THIO)- * (4-CHLORO-6-(2,3-XYLIDINO)-2-PYRIMIDINYLTHIO)ACETIC ACID * WY-14,643
MUTATION DATA AND REFERENCES:
dni-mus:oth 100 umol/L CNREA8 40,36,80
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:29 gm/kg/69W-C CNREA8 39,152,79
2V01L60 orl-mus TDLo:37 gm/kg/62W-C CNREA8 39,152,79
2V01L60 orl-rat TD :46 gm/kg/65W-C CRNGDP 2,645,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, CHROMIUM(2+) SALT (8CI,9CI) see: AG3000000

AG2975000 ACETIC ACID, CHROMIUM(3+) SALT
UPDT:8406 CAS: 1066-30-4 MW: 229.15 MOLFM: C6-H9-O6 Cr
SYN: CHROMIC ACETATE * CHROMIC ACETATE (DOT) * CHROMIC ACETATE (III) * CHROMIUM ACETATE * CHROMIUM(III) ACETATE * CHROMIUM TRIACETATE * NA 9101 (DOT)
MUTATION DATA AND REFERENCES:
mma-esc 16 mmol/L MUREAV 58,175,78
mrc-bcs 160 mmol/L MUREAV 58,175,78
cyt-hmn:leu 16 umol/L MUREAV 58,175,78
cyt-ham:ovr 150 mg/L TXCYAC 17,219,80
mac-ham:ovr 200 umol/L MUREAV 117,279,83
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:1000 mg/kg/56W-I AEHLAU 5,445,62
TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:2290 mg/kg EQSSDX 1,1,75
ivn-rbt LDLo:1604 mg/kg EQSSDX 1,1,75
* ivn-frg LDLo:6185 mg/kg AIPTAK 62,330,39
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cr,22,74
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 2,100,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,205,80
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 500 ug(Cr)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG3000000 ACETIC ACID, CHROMIUM(2+) SALT, HYDRATE
UPDT:8405 CAS: 628-52-4 MW: 188.12 MOLFM: C4-H6-Cr-O4 H2-O
SYN: ACETIC ACID, CHROMIUM(2+) SALT (8CI,9CI) * CHROMIUM(2+) ACETATE * CHROMIUM ACETATE HYDRATE * CHROMIUM DIACETATE * CHROMOUS ACETATE * CHROMOUS ACETATE MONOHYDRATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:11260 mg/kg AIHAAP 30,470,69
REVIEW AND REFERENCES:
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 500 ug(Cr)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AG3050000 ACETIC ACID, CHROMIUM(3+) SALT, HYDRATE
UPDT:8405 CAS: 25013-82-5 MW: 247.17 MOLFM: C6-H9-Cr-O6 H2-O
SYN: CHROMIC ACETATE HYDRATE
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cr,22,74
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 500 ug(Cr)/m3 FEREAC 39,23540,74

ACETIC ACID, CITRONELLYL ESTER see: RH3422500

AG3150000 ACETIC ACID, COBALT(2+) SALT
UPDT:8209 CAS: 71-48-7 MW: 177.03 MOLFM: C4-H6-O4 Co
SYN: COBALT ACETATE * COBALT(2+) ACETATE * COBALT ACETATE (Co(OAc)2) * COBALT(II) ACETATE * COBALT DIACETATE * COBALTOUS ACETATE * COBALTOUS DIACETATE
MUTATION DATA AND REFERENCES:
cir-ham:emb 200 umol/L CNREA8 39,193,79
dnd-ham:emb 200 umol/L CNREA8 39,193,79
TOXICITY DATA AND REFERENCES:
3F07J22U01 orl-rat LD50:503 mg/kg FCTOD7 20,311,82
ivn-mus LD50:31 mg/kg BJPCAL 23,455,64
ivn-rbt LD50:25 mg/kg BJPCAL 23,455,64
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AG3325000 ACETIC ACID, COBALT(2+) SALT, TETRAHYDRATE
UPDT:8209 CAS: 6147-53-1 MW: 249.11 MOLFM: C4-H6-O4 Co 4H2-O
SYN: COBALT ACETATE TETRAHYDRATE * COBALT(II) ACETATE TETRAHYDRATE * COBALT DIACETATE TETRAHYDRATE * COBALTOUS ACETATE TETRAHYDRATE * OCTAN KOBALTNATY (Czech)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,21,72
eye-rbt 500 mg/24H SEV 28ZPAK -,21,72
MUTATION DATA AND REFERENCES:
cyt-hmn:lym 600 ug/L CYGEDX 12(3),46,78
TOXICITY DATA AND REFERENCES:
3F07J22U01 orl-rat TDLo:708 mg/kg FCTOD7 20,311,82
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

AG3480000 ACETIC ACID, COPPER(2+) SALT
UPDT:8308 CAS: 142-71-2 MW: 181.64 MOLFM: C4-H6-O4 Cu
SYN: ACETATE DE CUIVRE (French) * ACETIC ACID, CUPRIC SALT * COPPER(2+) ACETATE * COPPER(II) ACETATE * COPPER ACETATE (Cu(C2H3O2)2) * COPPER DIACETATE * COPPER(2+) DIACETATE * CRYSTALLIZED VERDIGRIS * CRYSTALS of VENUS * CUPRIC ACETATE * CUPRIC ACETATE (DOT) * CUPRIC DIACETATE * NA 9106 (DOT) * NEUTRAL VERDIGRIS * OCTAN MEDNATY (Czech)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1I29 scu-rat TDLo:40 mg/kg (7-10D preg) CRSBAW 166,1237,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:595 mg/kg MarJV# 29MAR77
3U315V30Y55 scu-rat LD50:350 mg/kg PMDCAY 15,211,77
* ipr-mus LD50:2500 ug/kg BCPCA6 30,771,81
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG3500000 ACETIC ACID, COPPER(2+) SALT, MONOHYDRATE
UPDT:8312 CAS: 6046-93-1 MW: 199.66 MOLFM: C4-H6-O4 Cu H2-O
SYN: COPPER(2+) ACETATE, MONOHYDRATE * COPPER(II) ACETATE MONOHYDRATE * COPPER DIACETATE MONOHYDRATE * CUPRIC ACETATE MONOHYDRATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:710 mg/kg AIHAAP 30,470,69
3F07K01K13 ipr-mam LD50:5 mg/kg JANSAG 55,337,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cu,56,74

ACETIC ACID, CROTYLIDENE- see: WG2100000

ACETIC ACID, CUPRIC SALT see: AG3480000

AG3692600 ACETIC ACID, CYANO-, BENZYLIDENEHYDRAZIDE
UPDT:8311 MW: 187.22 MOLFM: C10-H9-N3-O
SYN: AT-8 * CYANOACETIC ACID BENZYLIDENEHYDRAZIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:1 gm/kg JPMSAE 53,1036,64

AG4110000 ACETIC ACID, CYANO-, ETHYL ESTER
UPDT:8401 CAS: 105-56-6 MW: 113.13 MOLFM: C5-H7-N-O2
SYN: CYANACETATE ETHYLE (German) * CYANOACETIC ACID ETHYL ESTER * CYANOACETIC ESTER * ETHYL CYANOACETATE * ETHYL CYANOACETATE (DOT) * ETHYL CYANOETHANOATE * MALONIC ACID ETHYL ESTER NITRILE * UN 2666 (DOT) * USAF XP-25
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:750 mg/kg NTIS** AD691-490
scu-rbt LDLo:1500 mg/kg AIPTAK 5,161,1899
scu-frg LDLo:4000 mg/kg AIPTAK 5,161,1899
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AG4207000 ACETIC ACID, CYANO-, (o-HYDROXYBENZYLIDENE)HYDRAZIDE
UPDT:8311 MW: 203.22 MOLFM: C10-H9-N3-O2
SYN: AT-9 * CYANOACETIC ACID (o-HYDROXYBENZYLIDENE)HYDRAZIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:1 gm/kg JPMSAE 53,1036,64

AG4208000 ACETIC ACID, CYANO-, (4-HYDROXY-3-METHOXYBENZYLIDENE)HYDRAZIDE
UPDT:8311 MW: 233.25 MOLFM: C11-H11-N3-O3
SYN: AT-11 * CYANOACETIC ACID (4-HYDROXY-3-METHOXYBENZYLIDENE)HYDRAZIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:1 gm/kg JPMSAE 53,1036,64

AG4250000 ACETIC ACID, CYANO-, ISOBUTYL ESTER
UPDT:8401 CAS: 13361-31-4 MW: 141.19 MOLFM: C7-H11-N-O2
SYN: ACETIC ACID CYANO-, 2-METHYLPROPYL ESTER * CYANOACETIC ACID, ISOBUTYL ESTER * ISOBUTYL CYANOACETATE
TOXICITY DATA AND REFERENCES:
3F07F17J22 orl-rat LD50:4520 mg/kg LONZA# 13FEB81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID, CYANO-, 2-METHYLPROPYL ESTER see: AG4250000

AG4398000 ACETIC ACID, CYANO-, (2-QUINOXALINYLMETHYLENE)HYDRAZIDE, N,N-DIOXIDE
UPDT:8306 CAS: 65884-46-0 MW: 259.25 MOLFM: C11-H9-N5-O3
SYN: CYADOX * CYANOACETYLHYDRAZONE 2-FORMYLQUINOXALINE 1,4-DIOXIDE
MUTATION DATA AND REFERENCES:
mnt-rat-ipr 240 mg/kg MUREAV 116,129,83

ACETIC ACID, CYANO-, TRIPHENYLSTANNYL ESTER see: WH6872500

ACETIC ACID, CYCLOHEXYL-, ALLYL ESTER see: GU6495000

AG5075000 ACETIC ACID, CYCLOHEXYL ESTER
UPDT:8312 CAS: 622-45-7 MW: 142.22 MOLFM: C8-H14-O2

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

SYN: CYCLOHEXANOL ACETATE * CYCLOHEXANOLAZETAT (German) * CYCLOHEXANYL ACETATE * CYCLOHEXYL ACETATE * CYCLOHEXYL ACETATE (DOT) * UN 2243 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,751,79

TOXICITY DATA AND REFERENCES:
2D25J30 ihl-hmn TCLo:3000 mg/m3/45M AHYGAJ 78,260,13
* orl-rat LD50:6730 mg/kg TXAPA9 28,313,74
scu-cat LDLo:606 mg/kg AHYGAJ 78,260,13
* skn-rbt LD50:10 gm/kg TXAPA9 28,313,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,28,60

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG5095000 ACETIC ACID, CYCLOHEXYLETHYL ESTER
UPDT:8305 CAS: 21722-83-8 MW: 170.28 MOLFM: C10-H18-O2
SYN: CYCLOHEXANEETHANOL ACETATE (BCI;9CI) * CYCLOHEXANOL ETHYL ACETATE * CYCLOHEXYLETHYL ACETATE * ETHYLCYCLOHEXYL ACETATE * HEXAHYDROPHENYL ETHYL ACETATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3200 mg/kg FCTXAV 13,783,75
* skn-rbt LD50:5000 mg/kg FCTXAV 13,783,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AG5190000 ACETIC ACID, 1-(CYCLOPROPYLNITROSAMINO)ETHYL ESTER
UPDT:8411 MW: 172.21 MOLFM: C7-H12-N2-O3

MUTATION DATA AND REFERENCES:
mma-sat 100 nmol/plate CRNGDP 5,635,84

AG5200000 ACETIC ACID, (CYCLOPROPYLNITROSAMINO)METHYL ESTER
UPDT:8411 MW: 158.18 MOLFM: C6-H10-N2-O3

MUTATION DATA AND REFERENCES:
mma-sat 100 nmol/plate CRNGDP 5,635,84

AG5230000 ACETIC ACID, 9-DECENYL ESTER
UPDT:8401 CAS: 50816-18-7 MW: 198.34 MOLFM: C12-H22-O2
SYN: 9-DECEN-1-OL, ACETATE * DECENYL ACETATE * 9-DECENYL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),665,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETIC ACID, DEHYDRO- see: UP8050000

AG5300000 ACETIC ACID, (2-(3,6-DIAMINO-5-HYDROXYHEXANOYL)-1-METHYLHYDRAZINO)-
UPDT:8411 CAS: 33404-78-3 MW: 248.33 MOLFM: C9-H20-N4-O4

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:400 mg/kg MEIEDD 10,923,83

ACETIC ACID, DIAZO-, ESTER WITH SERINE see: VT9625000

AG5775000 ACETIC ACID, DIAZO-, ETHYL ESTER
UPDT:8412 CAS: 623-73-4 MW: 114.12 MOLFM: C4-H6-N2-O2
SYN: DAAE * DIAZOACETIC ACID, ETHYL ESTER * DIAZOACETIC ESTER * DIAZOESSIGSAEURE-AETHYLESTER (German) * EDA * ETHOXYCARBONYLDIAZOMETHANE * ETHYL DIAZOACETATE

TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:2025 mg/kg/81W-I XENOBH 3,271,73
2V01R60 ivn-rat TDLo:100 mg/kg CRNGDP 3,765,82
3V03J60R60 ivn-rat TD :1330 mg/kg/53W-I BTPGAZ 146,33,72
2V03K60 orl-rat TD :2400 mg/kg/68W-C NATWAY 50,99,63
2V03R60 ivn-rat TD :2850 mg/kg/57W-I XENOBH 3,271,73
3V03J60R60 ivn-rat TD :1000 mg/kg/40W-I PSEBAA 135,219,70
2V03R60 ivn-rat TD :2150 mg/kg/86W-I ADRCAC 19,51,65
2V03R60 ivn-rat TD :4300 mg/kg/86W-I ADRCAC 19,51,65

TOXICITY DATA AND REFERENCES:
orl-rat LD50:400 mg/kg XENOBH 3,271,73
ivn-rat LD50:280 mg/kg PSEBAA 135,219,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG5830000 ACETIC ACID, CHLORO-, compd. with 1-TETRADECANAMINE (1:1)
UPDT:8308 CAS: 78961-71-4 MW: 307.96 MOLFM: C14-H31-N C2-H3-Cl-O2
SYN: CHLOROACETIC ACID compd. with 1-TETRADECANAMINE (1:1) * 1-TETRADECANAMINE compd. with CHLOROACETIC ACID (1:1) * TETRADECYLAMINE, CHLOROACETATE * TETRADECYLAMMONIUM CHLOROACETATE

TOXICITY DATA AND REFERENCES:
1R02 orl-mus LD50:667 mg/kg PCJOAU 15,383,81

AG5975000 ACETIC ACID, ((DIBENZYLSTANNYLENE)DITHIO)DI-, DIISOOCTYL ESTER
UPDT:8204 CAS: 28675-83-4 MW: 707.67 MOLFM: C34-H52-O4-S2-Sn
SYN: ACETIC ACID, 2,2'-((BIS(PHENYLMETHYL)STANNYLENE)BIS(THIO))BIS-, DIISOOCTYL ESTER (9CI) * DIBENZYL TG * DIBENZYLTIN S,S' BIS(ISOOCTYLMERCAPTOACETATE) * ERGOTERM TGO

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:378 mg/kg (1-21D preg) TXAPA9 26,253,73

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1800 mg/kg TXAPA9 26,253,73

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG5989000 ACETIC ACID, ((4-(DIBUTYLAMINO)-6-METHYL-2-PYRIMIDINYL)THIO)-, HYDRAZIDE
UPDT:8311 MW: 325.53 MOLFM: C15-H27-N5-O-S
SYN: (4-DIBUTYLAMINO-6-METHYL-2 PYRIMIDINYLTHIO)ACETHYDRAZIDE * ((4-(DIBUTYLAMINO)-6-METHYL-2-PYRIMIDINYL)THIO)ACETIC ACID HYDRAZIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:290 mg/kg PCJOAU 16,595,82
1P30 unk-mam LD50:290 mg/kg RPTOAN 45,215,82

AG6050000 ACETIC ACID, 2,2'-((DIBUTYLSTANNYLENE)BIS(THIO))BIS-, DINONYL ESTER
UPDT:8210 CAS: 7399-02-2 MW: 667.71 MOLFM: C30-H60-O4-S2-Sn
SYN: ACETIC ACID, ((DIBUTYLSTANNYLENE)DITHIO)DI-, DINONYL ESTER (BCI) * 2,2'-((DIBUTYLSTANNYLENE)BIS(THIO))BISACETIC ACID DINONYL ESTER * MELLITE 131 * 8-OXA-3,5-DITHIA-4-STANNAHEPTADECANOIC ACID, 4,4-DIBUTYL-7-OXO-, NONYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:
orl-mus LD50:150 mg/kg ERNFA7 11,424,66

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

ACETIC ACID, ((DIBUTYLSTANNYLENE)DITHIO)DI-, DINONYL ESTER (BCI) see: AG6050000

AG6125000 ACETIC ACID, DICHLORO-
UPDT:8412 CAS: 79-43-6 MW: 128.94 MOLFM: C2-H2-Cl2-O2
SYN: BICHLORACETIC ACID * DCA * DICHLORACETIC ACID * DICHLORETHANOIC ACID * DICHLOROACETIC ACID * 2,2-DICHLOROACETIC ACID * DICHLOROETHANOIC ACID (DOT) * DICHLOROETHANOIC ACID * UN 1764 (DOT) * URNER'S LIQUID

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MOD AMIHBC 4,119,51
eye-rbt 50 ug open SEV AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2820 mg/kg AMIHBC 4,119,51
orl-mus LD50:5520 mg/kg HBTXAC 5,3,59
* skn-rbt LD50:510 mg/kg AMIHBC 4,119,51

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG6300000 ACETIC ACID, DICHLORO-, ANHYDRIDE
UPDT:8412 CAS: 4124-30-3 MW: 239.86 MOLFM: C4-H2-Cl4-O3
SYN: DICHLOROACETIC ANHYDRIDE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MOD AMIHBC 4,119,51
eye-rbt 50 ug open SEV AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2820 mg/kg AMIHBC 4,119,51
* skn-rbt LD50:470 mg/kg AMIHBC 4,119,51

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG6310000 ACETIC ACID, (o-(2,6-DICHLOROANILINO)PHENYL)-
UPDT:8405 CAS: 15307-86-5 MW: 296.16 MOLFM: C14-H11-Cl2-N-O2
SYN: BENZENEACETIC ACID, 2-((2,6-DICHLOROPHENYL)AMINO)- (9CI) * DICHLOFENAC * DICLOFENAC * DICLOFENAC ACID

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:108 mg/kg ARZNAD 28,1714,78
2F29Y55 orl-mus LD50:230 mg/kg ARZNAD 31,1111,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG6330000 ACETIC ACID, o-(2,6-DICHLOROANILINO)PHENYL-, MONOSODIUM SALT
UPDT:8412 CAS: 15307-79-6 MW: 318.14 MOLFM: C14-H10-Cl2-N-O2-Na
SYN: BENZENEACETIC ACID, 2-((2,6-DICHLOROPHENYL)AMINO)-, MONOSODIUM SALT * (o-(2,6-DICHLOROANILINO)PHENYL)ACETIC ACID MONOSODIUM SALT * (o-((2,6-DICHLOROANILINO)PHENYL)ACETIC ACID SODIUM SALT * 2-((2,6-DICHLOROPHENYL)AMINO)BENZENEACETIC ACID MONOSODIUM SALT * DICHRONIC * DICLOFENAC SODIUM * DICLOPHENAC SODIUM * GP 45840 * KRIPLEX * NERIODIN * PROPHENATIN * SODIUM (o-(2,6-DICHLOROANILINO)PHENYL)ACETATE * SODIUM (o-((2,6-DICHLOROPHENYL)AMINO)PHENYL)ACETATE * TSUDOHMIN * VALETAN * VOLTAREN * VOLTAROL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 orl-rat TDLo:1 mg/kg (21D preg) OYYAA2 27,117,84
1T29 orl-rbt TDLo:10 mg/kg (1D pre) FESTAS 38,238,82

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:76500 ug/kg OYYAA2 16,353,78
* ipr-rat LD50:25 mg/kg NIIRDN 6,311,82
* scu-rat LD50:83 mg/kg IYKEDH 5,106,74
* ivn-rat LD50:117 mg/kg IYKEDH 5,106,74
* orl-mus LD50:125 mg/kg ARZNAD 34,280,84
* ipr-mus LD50:130 mg/kg IYKEDH 5,106,74
* scu-mus LD50:390 mg/kg NIIRDN 6,311,82
* ivn-mus LD50:116 mg/kg IYKEDH 5,106,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG6460000 ACETIC ACID, (2,5-DICHLORO-4-CYCLOHEXYLPHENYL)-
UPDT:8309 CAS: 13376-40-4 MW: 287.20 MOLFM: C14-H16-Cl2-O2
SYN: BENZENEACETIC ACID, 2,5-DICHLORO-4-CYCLOHEXYL- * (2,5-DICHLORO-4-CYCLOHEXYLPHENYL)ACETIC ACID * TAI 278

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg TAKHAA 34,467,75

AG6475000 ACETIC ACID, DICHLORO-, compd. with DIISOPROPYLAMINE (1:1)
UPDT:8405 CAS: 660-27-5 MW: 230.16 MOLFM: C6-H15-N C2-H2-Cl2-O2
SYN: ACETIC ACID, DICHLORO-, compd. with N-(1-METHYLETHYL)-2-PROPANAMINE (1:1) (9CI) * beta-ANOXIN * CUBISOL * DADA * DAPA * DAPOCEL * DEDYL * DICHLOROACETIC ACID DIISOPROPYLAMINE SALT * DICHLOROACETATO di DIISOPROPILAMMONIO (Italian) * DIEDI * DIISOPROPYLAMINE DICHLOROACETATE * DIISOPROPYLAMINE, compd. with DICHLOROACETIC ACID (1:1) * DIISOPROPYLAMINE DICHLOROETHANOATE * DIISOPROPYLAMMONIUM DICHLOROACETATE * DIISOPROPYLAMMONIUM DICHLOROETHANOATE * DIPA * DISOTAT * IS 401 * KALODIL * KRINO a 15 * OXYPANGAM * TENSICOR * VASCULOPATINA

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate NUCADQ 3,129,82

TOXICITY DATA AND REFERENCES:
3F12J24J30 orl-mus LD50:1700 mg/kg ARZNAD 13,109,63
3F07F11F12 ipr-mus LD50:750 mg/kg BCFAAI 97,608,58
3F12J24J30 scu-mus LD50:1330 mg/kg ARZNAD 13,109,63
3F12J24J30 ivn-mus LD50:235 mg/kg ARZNAD 13,109,63

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETIC ACID, (2,3-DICHLORO-4-(2-FURANYLCARBONYL)PHENOXY)- see: AG6542000 ACETIC ACID, (2,3-DICHLORO-4-(2-FUROYL)PHENOXY)-

AG6542000 ACETIC ACID, (2,3-DICHLORO-4-(2-FUROYL)PHENOXY)-
UPDT:8408 CAS: 55901-72-0 MW: 315.11 MOLFM: C13-H8-Cl2-O5
SYN: ACETIC ACID, (2,3-DICHLORO-4-(2-FURANYLCARBONYL)PHENOXY) * CE 3498 * (2,3-DICHLORO-4-(2-FUROYL)PHENOXY)ACETIC ACID * 4-(2-FURYLKETO)-2,3-DICHLOROPHENOXYACETIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg USXXAM #3758506
* ivn-mus LD50:450 mg/kg USXXAM #3758506

AG6600000 ACETIC ACID, (2,3-DICHLORO-4-(2-METHYLENEBUTYRYL)PHENOXY)-
UPDT:8403 CAS: 58-54-8 MW: 303.15 MOLFM: C13-H12-Cl2-O4
SYN: ACETIC ACID, (2,3-DICHLORO-4-(2-METHYLENE-1-OXOBUTYL)PHENOXY)- (9CI) * CRINURYL * 2,3-DICHLORO-4-(2-METHYLENEBUTYRL)PHENOXY ACETIC ACID * (2,3-DICHLORO-4-(2-METHYLENEBUTYRYL)PHENOXY)ACETIC ACID * (2,3-DICHLORO-4-(2-METHYLENE-1-OXOBUTYL)PHENOXY)ACETIC ACID * EDECRIL * EDECRIN * EDECRINA * ENDECRIL * ETACRINIC ACID * ETANKRINIC ACID * ETHACRYNIC ACID * HIDROMEDIN * HYDROMEDIN * (4-(2-METHYLENEBUTYRYL)-2,3-DICHLOROPHENOXY)ACETIC ACID * METHYLENEBUTYRYL PHENOXYACETIC ACID * MINGIT * MK-595 * OTACRIL * REOMAX * TALACREN * UREGIT

TOXICITY DATA AND REFERENCES:
1D40 orl-wmn TDLo:4 mg/kg AIMDAP 117,715,66
2D40M10 orl-man TDLo:5 mg/kg AIMDAP 117,715,66
1D41 ivn-wmn TDLo:3 mg/kg AIMDAP 117,715,66
* orl-mus LDLo:627 mg/kg 85ESA3 9,489,76
* ivn-mus LDLo:176 mg/kg 85ESA3 9,489,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, (2,3-DICHLORO-4-(2-METHYLENE-1-OXOBUTYL)PHENOXY)- (9CI) see: AG6600000

BEST COPY AVAILABLE

AG6625000 ACETIC ACID, DICHLORO-, METHYL ESTER
UPDT:8312 CAS: 116-54-1 MW: 142.97 MOL'M: C3-H4-Cl2-O2
SYN: DICHLOROACETIC ACID METHYL ESTER * METHYL DICHLOROACETATE (DOT) * UN 2299 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:2000 ppm/30M TXAPA9 19,1,71
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABELS:T. ANDREW'S CROSS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETIC ACID, DICHLORO-, compd. with N-(1-METHYLETHYL)-2-PROPANAMINE (1:1) (9CI) see: AG6475000

AG6642000 ACETIC ACID, (2,3-DICHLORO-4-(5-METHYL-2-THENOYL)PHENOXY)-
UPDT:8408 CAS: 55901-70-7 MW: 343.20 MOL'M: C14-H10-Cl2-O4-S
SYN: ACETIC ACID, (2,3-DICHLORO-4-((5-METHYL-2-THIENYL)CARBONYL)PHENOXY)- * CE 3649 * 4-(2,(5-METHYLTHIENYL)KETO)-2,3-DICHLOROPHENOXYACETIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2900 mg/kg USXXAM #3758506
* ivn-mus LD50:580 mg/kg USXXAM #3758506
ACETIC ACID, (2,3-DICHLORO-4-((5-METHYL-2-THIENYL)CARBONYL)PHENOXY)- see: AG6642000
ACETICACID, (2,3-DICHLORO-4-(5-METHYL-2-THENOYL)PHENOXY)-

AG6645000 ACETIC ACID, (o-(2,4-DICHLORO-1-NAPHTHYLAMINO)PHENYL)-, SODIUM SALT
UPDT:8406 MW: 366.20 MOL'M: C18-H12-Cl2-N-O2-Na
SYN: BENZENEACETIC ACID, 2-((2,4-DICHLORO-1-NAPHTHALENYL)AMINO)-, SODIUM SALT * (o-(2,4-DICHLORO-1-NAPHTHYLAMINO)PHENYL)ACETIC ACID SODIUM SALT * IG-243-NA * SODIUM (o-(2,4-DICHLORO-1-NAPHTHYLAMINO)PHENYL)ACETATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:56200 ug/kg OYYAA2 16,353,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG6825000 ACETIC ACID, (2,4-DICHLOROPHENOXY)-
UPDT:8411 CAS: 94-75-7 MW: 221.04 MOL'M: C8-H6-Cl2-O3
SYN: ACIDE 2,4-DICHLORO PHENOXYACETIQUE (French) * ACIDO(2,4-DICLORO FENOSSI) ACETICO (Italian) * AGROTECT * AMIDOX * AMOJUNE * AQUA-KLEEN * BH 2,4-D * BRUSH-RHAP * B-SELEKTONON * CHIPCO TURF HERBICIDE D * CHLOROXONE * CROP RIDER * CROTILIN * 2,4-D * 2,4-D (DOT) * D 50 * DACAMINE * 2,4-D ACID * DEBROUSSAILLANT 600 * DEC-AMINE * DED-WEED * DED-WEED LV-69 * DESORMONE * (2,4-DICHLOOR-FENOXY)-AZIJNZUUR (Dutch) * DICHLORMOPHENOXYACETIC ACID * 2,4-DICHLOROPHENOXYACETIC ACID * 2,4-DICHLOROPHENOXYACETIC ACID (DOT) * 2,4-DICHLORPHENOXYACETIC ACID * (2,4-DICHLORPHENOXY)-ESSIGSAEURE (German) * DICOPUR * DICOTOX * DIMOROL * DMA-4 * DORMONE * 2,4-DWUCHLOROFENOKSYOCTOWY KWAS (Polish) * EMULSAMINE BK * EMULSAMINE E-3 * ENT 8,538 * ENVERT 171 * ENVERT DT * ESTERON * ESTERON 99 * ESTERON 76 BE * ESTERON BRUSH KILLER * ESTERON 99 CONCENTRATE * ESTERONE FOUR * ESTERON 44 WEED KILLER * ESTONE * FARMCO * FERNESTA * FERNIMINE * FERNORONE * FERAXONE * FORTEX 75 * FORMULA 40 * HEDONAL * HEDONAL (TNE HERBICIDES) * HERBIDAL * IPANER * KROTILINE * LAWN-KEEP * MACRONDRAY * MIRACLE * MONOSAN * MOXONE * NA 2765 (DOT) * NETAGRONE * NETAGRONE 600 * NSC 423 * PENNAMINE * PENNAMINE D * PHENOX * PIELIK * PLANOTOX * PLANTGARD * RCRA WASTE NUMBER U240 * RHODIA * SALVO * SPRITZ-HORMIN 2,4-D * SPRITZ-HORMIT 2,4-D * SUPER D WEEDONE * SUPERORMONE CONCENTRE * TRANSAMINE * TRIBETON * TRINOXOL * U 46 * U-5043 * U 46DP * VERGEMASTER * VERTON * VERTON D * VERTRON 2D * VIDON 638 * VISKO-RHAP * VISKO RHAP LOW DRIFT HERBICIDES * VISKO-RHAP LOW VOLATILE 4L * WEED-AG-BAR * WEED-B * WEEDAR 64 * WEEDATUL * WEED B-CON * WEEDEZ WONDER BAR * WEEDONE * WEEDONE LV4 * WEED-RHAP * WEED TOX * WEEDTROL
MUTATION DATA AND REFERENCES:
dnr-esc 5 mg/disc NTIS** PB80-133226
dnd-esc 20 umol/L MUREAV 89,95,81
dnr-bcs 5 mg/disc NTIS** PB80-133226
.nmo-omi 1 gm/L MILEDM 5,103,77
mmo-omi 1 gm/L MILEDM 5,103,77
mmo-omi 1 gm/L MILEDM 5,103,77
mmo-omi 1 gm/L MILEDM 5,103,77
sln-dmg-orl 1000 ppm/15D MUREAV 65,83,79
sln-dmg-unk 1000 ppm/15D ECEUDQ 27,182,78
mmo-smc 150 mg/L ECBUDQ 27,193,78
mrc-smc 300 mg/L/3H MUREAV 42,3,77
dnd-sal:spr 1 mmol/L PYTCAS 11,3135,72
mma-hmn:fbr 1 umol/L MUREAV 42,161,77
dns-hmn-fbr 1 umol/L MUREAV 42,161,77
cyt-hmn:lym 20 ug/L CYGEDX 8(3),6,74
sce-hmn:lym 10 mg/L JOHEAB 73,224,82
dns-mus-orl 200 mg/kg MUREAV 55,197,78
cyt-mus-orl 190 mg/kg CYGEDX 8(3),6,74
sce-ham-orl 900 mg/kg/90-I CRNGDP 5,703,84
sce-ham:ovr 10 umol/L/1H CRNGDP 5,703,84
msc-ham:lng 10 umol/L CBINAB 19,369,77
dns-ckn:ath 2500 umol/L ARTODN 33,91,75
cyt-ckn:ath 500 umol/L ARTODN 33,91,75
cyt-ctl:kay 1 ppm ITCSAF 8,416,73
dnd-mam:lym 1 mmol/L PYTCAS 11,3135,72
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T46T34T35 orl-rat TDLo:1 gm/kg (6-15D preg) TXAPA9 22,14,72
1T46 orl-rat TDLo:125 mg/kg (6-13D preg) FCTXAV 9,801,71
3T34T41T53 orl-rat TDLo:500 mg/kg (6-15D preg) FCTXAV 9,801,71
2T55T81 orl-rat TDLo:500 mg/kg (6-15D preg) FCTXAV 9,801,71
3T34T35T43 orl-mus TDLo:707 mg/kg (11-14D preg) AECTCV 6,33,77
3T26T31T42 orl-mus TDLo:900 mg/kg (6-14D preg) NTIS** PB223-160
3T35T41T31 scu-mus TDLo:882 mg/kg (6-14D preg) NTIS** PB223-160
3T34T42T43 scu-mus TDLo:900 mg/kg (6-14D preg) NTIS** PB223-160
2T24T26 scu-mus TDLo:900 mg/kg (6-14D preg) NTIS** PB223-160
1T26 orl-ham TDLo:200 mg/kg (7-11D preg) BECTA6 6,559,71
TOXICITY DATA AND REFERENCES:
3K13F24F07 orl-hmn LDLo:80 mg/kg ARPAAQ 94,270,72
* orl-rat LD50:370 mg/kg FMCHA2 -,C68,83
skn-rat LD50:1500 mg/kg WRPCA2 9,119,70
ipr-rat LDLo:666 mg/kg JIHTAB 29,85,47
3K05F07L03 orl-mus LD50:368 mg/kg AJVRAH 15,622,54
ipr-mus LDLo:125 mg/kg TXAPA9 23,288,72
2F20F24 orl-dog LD50:100 mg/kg AEHLAU 7,202,63
orl-rbt LDLo:800 mg/kg AMPMAR 12,26,51
2F19R10 skn-rbt LD50:1400 mg/kg AFDOAQ 16,3,52
ipr-rbt LDLo:400 mg/kg JIHTAB 29,85,47
ivn-rbt LDLo:400 mg/kg JIHTAB 29,85,47
3K05F07L03 orl-gpg LD50:469 mg/kg AJVRAH 15,622,54
ipr-gpg LDLo:666 mg/kg JIHTAB 29,85,47
orl-ham LD50:500 mg/kg TXAPA9 48,A192,79
3K05F07L03 orl-ckn LD50:541 mg/kg AJVRAH 15,622,54
orl-mam LD50:375 mg/kg SCIEAS 165,465,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, RREVAH 59,1,75; DTTIAF 80(20),483,73. RREVAH 56,107,75. ECMAAI 14(3),141,73; BIOGAL 40(2),44,74. HYSAAV 31(9),383,66.
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,111,77
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 15,111,77
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 OTLVS* 4,117,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 mg/m3 (SCP-T) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5001
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG7075000 ACETIC ACID, (2,4-DICHLOROPHENOXY)-, AMMONIUM SALT
UPDT:8407 CAS: 7267-55-3 MW: 238.08 MOL'M: C8-H6-Cl2-O3-N3-N
SYN: AMMONIUM 2,4-D * AMMONIUM 2,4-DICHLOROPHENOXYACETATE * 2,4-D AMMONIUM SALT * (2,4-DICHLOROPHENOXY)ACETIC ACID AMMONIUM SALT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:100 ug/kg (9D preg) GISAAA 44(4),70,79
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1300 mg/kg 86W-I VPITAR 33,83,74
TOXICITY DATA AND REFERENCES:
3F07F14L30 ihl-man TCLo:1 mg/m3 GISAAA 31,28,66
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:INDEFINITE IARC** 15,111,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG7800000 ACETIC ACID, 2,4-DICHLOROPHENOXY-, BUTOXYPROPYL ESTER
UPDT:8408 CAS: 1928-45-6 MW: 335.25 MOL'M: C15-H20-Cl2-O4
SYN: 2,4-DICHLOROPHENOXYACETIC ACID, PROPYLENE GLYCOL BUTYL ETHER ESTER * 2,4-D PGBE * 2,4-D PROPYLENE GLYCOL BUTYL ETHER ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T53T81 orl-rat TDLo:114 mg/kg (6-15D preg) FCTXAV 9,801,71
1T46 orl-rat TDLo:190 mg/kg (6-15D preg) FCTXAV 9,801,71
1T55 orl-rat TDLo:758 mg/kg (6-15D preg) FCTXAV 9,801,71
2T34T43 orl-mus TDLo:1341 mg/kg (12-15D preg) AECTCV 6,33,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG7875000 ACETIC ACID, DICHLOROPHENOXY-, BUTYL ESTER
UPDT:8307 CAS: 64047-35-4 MW: 277.16 MOL'M: C12-H14-Cl2-O3
SYN: BUTYL DICHLOROPHENOXYACETATE * BUTYL ESTER of DICHLOROPHENOXYACETIC ACID
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1300 mg/kg GISAAA 24(5),25,59

AG8050000 ACETIC ACID, (2,4-DICHLOROPHENOXY)-, BUTYL ESTER
UPDT:8408 CAS: 94-80-4 MW: 277.18 MOL'M: C12-H14-Cl2-O3
SYN: BUTYL 2,4-D * BUTYL DICHLOROPHENOXYACETATE * BUTYL (2,4-DICHLOROPHENOXY)ACETATE * BUTYL ESTER 2,4-D * BUTYL ESTER of 2,4-D * 2,4-D BUTYL ESTER * (2,4-DICHLOROPHENOXY)ACETIC ACID, BUTYL ESTER * ESSO HERBICIDE 10 * FERNESTA * HRONOX * SHELL 40 *
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:1500 mg/kg (6-15D preg) TXAPA9 22,14,72
2T34T33 orl-rat TDLo:108 ug/kg (10D preg) GISAAA 44(4),70,79
2T34T43 orl-mus TDLo:1109 mg/kg (12-13D preg) AECTCV 6,33,77
3T31T34T42 scu-mus TDLo:900 mg/kg (6-14D preg) NTIS** PB223-160
1T43 scu-mus TDLo:900 mg/kg (6-14D preg) NTIS** PB223-160
1T24 scu-mus TDLo:414 mg/kg (6-14D preg) NTIS** PB223-160
TOXICITY DATA AND REFERENCES:
3F07F14L30 ihl-man TCLo:1 mg/m3 GISAAA 31,28,66
* orl-rat LD50:995 mg/kg BSGMAT -,29,82
* unk-rat LD50:920 mg/kg HYSAAV 31(9),383,66
* orl-mus LD50:425 mg/kg BSGMAT -,29,82
* unk-mus LD50:380 mg/kg HYSAAV 31(9),383,66
* orl-cat LD50:780 mg/kg BSGMAT -,29,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,111,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG8100000 ACETIC ACID, 2,4-DICHLOROPHENOXY-, BUTYL ESTER and 2,4,5-TRICHLOROPHENOXYACETIC ACID (45.5%; 48.2%)
UPDT:8408 CAS: 39277-47-9 MW: 388.76 MOL'M: C12-H14-Cl3-O3.C12-H13-Cl3-O3
SYN: AGENT ORANGE * 2,4-D n-BUTYL ESTER mixed with 2,4,5-T n-BUTYL ESTER (1:1) * 2,4,5-T n-BUTYL ESTER mixed with 2,4-D n-BUTYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-mus TDLo:1180 mg/kg (12-15D preg) AECTCV 6,33,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, TJADAB 29,193,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG8390000 ACETIC ACID, (2,4-DICHLOROPHENOXY)-, DIETHYLAMINE SALT
UPDT:8402 MW: 294.20 MOL'M: C8-H6-Cl2-O3.C4-H11-N
SYN: 2,4-D DIETHYLAMINE SALT * 2,4-DICHLOROPHENOXYACETIC ACID, DIETHYLAMINE SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:405 mg/kg GTPZAB 17(3),35,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG8400000 ACETIC ACID, (2,4-DICHLOROPHENOXY)-, compd. with DIMETHYLAMINE (1:1)
UPDT:8309 CAS: 2008-39-1 MW: 284.12 MOL'M: C10-H11-Cl2-N-O3
SYN: ACETIC ACID, (2,4-DICHLOROPHENOXY)-, compd. with N-METHYLMETHANAMINE (1:1) (9CI) * BLADEX G * 2,4-D ACETATE * 2,4-D AMINE * 2,4-D AMINE SALT * 2,4-D DIMETHYLAMINE SALT * DEFY * DEMISE * (2,4-DICHLOROPHENOXY)ACETIC ACID DIMETHYLAMINE * DIMETHYLAMINE (2,4-DICHLOROPHENOXY)ACETATE * DIMETHYLAMINE SALT of 2,4-D * DIMETHYLAMMONIUM 2,4-DICHLOROPHENOXYACETATE * FORMULA 40 * HORMIN * PHORDENE * REED AMINE 400 *
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:3 gm/kg (6-15D preg) TXAPA9 22,14,72
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:300 mg/kg FMCHA2 -,C204,83
* unk-rat LD50:1000 mg/kg HYSAAV 31(9),383,66
* unk-mus LD50:300 mg/kg HYSAAV 31(9),383,66
* skn-rbt LD50:2115 mg/kg FMCHA2 -,C73,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG8500000 ACETIC ACID, (2,4-DICHLOROPHENOXY)-, ETHYL ESTER
UPDT:8312 CAS: 41022-54-2 MW: 233.10 MOL'M: C10-H10-Cl2-O3
SYN: BENZENEACETIC ACID, 2,4-DICHLORO-, ETHYL ESTER (9CI) * 2,4-D ETHYL ESTER * (2,4-DICHLOROPHENOXY)ACETIC ACID ETHYL ESTER * ETHYL (2,4-DICHLOROPHENOXY)ACETATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T31T36 scu-mus TDLo:774 mg/kg (6-14D preg) NTIS** PB223-160
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG8575000 ACETIC ACID, (2,4-DICHLOROPHENOXY)-, ISOOCTYL ESTER
UPDT:8408 CAS: 25168-26-7 MW: 333.28 MOL'M: C16-H22-Cl2-O3
SYN: 2,4-DICHLOROPHENOXYACETIC ACID, ISOOCTYL ESTER * 2,4-D ISOOCTYL ESTER * ISOOCTYL ALCOHOL (2,4-DICHLOROPHENOXY)ACETATE * ISOOCTYL 2,4-DICHLOROPHENOXYACETATE * REED LV - 4-D * REED LV 400 2,4-D * REED LV 600 2,4-D * WEEDTRINE II
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T72 orl-rat TDLo:1370 mg/kg (6-15D preg) NTIS** PB81-191140

BEST COPY AVAILABLE

1T46 orl-rat TDLo:302 mg/kg (9-12D preg) FCTXAV 9,801,71
2T557B1 orl-rat TDLo:188 mg/kg (6-15D preg) FCTXAV 9,801,71
1T25 orl-rat TDLo:1131 mg/kg (6-15D preg) FCTXAV 9,801,71
1T34 orl-rat TDLo:528 mg/kg (8-11D preg) FCTXAV 9,801,71
1T34 orl-mus TDLo:1680 mg/kg (7-15D preg) AECTCV 6,33,77
3T31T34T42 scu-mus TDLo:1170 mg/kg (6-14D preg) NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:14 gm/kg/78W-I NTIS** PB223-159
2V01P60 scu-mus TDLo:21 mg/kg NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg FMCHA2 -,C205,83
* orl-rbt LD50:300 mg/kg FMCHA2 -,C255,83
* orl-gpg LD50:300 mg/kg FMCHA2 -,C255,83

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,111,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG8750000 ACETIC ACID, (2,4-DICHLOROPHENOXY)-, ISOPROPYL ESTER
UPDT:8401 CAS: 94-11-1 MW: 263.13 MOLFM: C11-H12-Cl2-O3
SYN: ACETIC ACID, (2,4-DICHLOROPHENOXY)-, 1-METHYLETHYL ESTER (9CI) * 2,4-D, ISOPROPYL ESTER * ESTERON 44 * ISOPROPYL 2,4-D ESTER * WEEDONE 128

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-mus TDLo:1326 mg/kg (7-15D preg) AECTCV 6,33,77
3T31T34T42 scu-mus TDLo:846 mg/kg (6-14D preg) NTIS** PB223-160
1T43 scu-mus TDLo:846 mg/kg (6-14D preg) NTIS** PB223-160
1T26 scu-mus TDLo:414 mg/kg (6-14D preg) NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 orl-mus TDLo:12 gm/kg/78W-I NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
3K05F07L03 orl-rat LD50:700 mg/kg AJVRAH 15,622,54
3K05F07L03 orl-mus LD50:541 mg/kg AJVRAH 15,622,54
3K05F07L03 orl-gpg LD50:550 mg/kg AJVRAH 15,622,54
3K05F07L03 orl-chk LD50:1420 mg/kg AJVRAH 15,622,54

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,111,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG8800000 ACETIC ACID, 2,4-DICHLOROPHENOXY-, LITHIUM SALT
UPDT:8404 CAS: 3766-27-6 MW: 220.97 MOLFM: C8-H5-Cl2-O3-Li
SYN: LITHATE 2,4-D * LITHIUM 2,4-D * LITHIUM 2,4-DICHLOROPHENOXYACETATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:850 mg/kg FMCHA2 -,C142,83

ACETIC ACID, (2,4-DICHLOROPHENOXY)-, 1-METHYLETHYL ESTER (9CI) see: AG8750000
ACETIC ACID, (2,4-DICHLOROPHENOXY)-, compd. with N-METHYLMETHANAMINE (1:1) (9CI) see: AG8400000
ACETIC ACID, (2-(2,4-DICHLOROPHENOXY)PHENYL)- see: CY1577850

AG8925000 ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SODIUM SALT
UPDT:8403 CAS: 2702-72-9 MW: 243.02 MOLFM: C8-H5-Cl2-O3-Na
SYN: AGRION * 2,4-DICHLOROPHENOXYACETIC ACID, SODIUM SALT * DICONIT * DICONNIT D * DIKONNIT * DIKONNIT D * 2,4-D SODIUM SALT * FERNOXONE * HORMIT * PIELIK E * SODIUM 2,4-D * SODIUM 2,4-DICHLOROPHENOXYACETATE * SPRAY-HORMITE * SPRITZ-HORMIT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:100 ug/kg (10D preg) GISAAA 44(4),70,79

TOXICITY DATA AND REFERENCES:
3F14K30L30 ihl-man TCLo:23 mg/m3/3Y-I HYSAAV 31(9),383,66
* orl-rat LD50:555 mg/kg GTPZAB 17(3),35,73
2F20F24 ipr-rat LD50:666 mg/kg AEHLAU 7,202,63
2F20F24 orl-mus LD50:375 mg/kg AEHLAU 7,202,63
2F20F24 ipr-mus LD50:375 mg/kg AEHLAU 7,202,63
2F20F24 scu-mus LD50:280 mg/kg AEHLAU 7,202,63
2F20F24 orl-rbt LD50:800 mg/kg AEHLAU 7,202,63
2F20F24 ipr-rbt LD50:400 mg/kg AEHLAU 7,202,63
2F20F24 ivn-rbt LD50:400 mg/kg AEHLAU 7,202,63
2F20F24 orl-gpg LD50:1000 mg/kg AEHLAU 7,202,63
2F20F24 ipr-gpg LD50:666 mg/kg AEHLAU 7,202,63

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG9275000 ACETIC ACID, DICHLORO-, SODIUM SALT
UPDT:8312 CAS: 2156-56-1 MW: 150.92 MOLFM: C2-H-Cl2-O2-Na
SYN: DICHLOROACETATE SODIUM SALT * DICHLOROACETIC ACID SODIUM SALT * DICHLOROCTAN SODNY (Czech) * SODIUM DICHLOROACETATE

MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate AJCNAC 33,1179,80
mma-sat 5 ug/plate AJCNAC 33,1179,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T62 orl-rat TDLo:182 gm/kg (13W male) TXAPA9 57,273,81
1T02 orl-mus TDLo:61 gm/kg (84D male) JPETAB 222,301,82

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5291 mg/kg JIHTAB 23,78,41
* orl-mus LD50:4845 mg/kg JPETAB 222,101,82
ivn-mus LD50:1880 mg/kg 28ZPAK -,90,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG9300000 ACETIC ACID, (2,3-DICHLORO-4-(2-THIENYLCARBONYL)PHENOXY)-
UPDT:8408 CAS: 40180-04-9 MW: 331.17 MOLFM: C13-H8-Cl2-O4-S
SYN: AMP 3634 * CE 3634 * (2,3-DICHORO-4-(2-THENOYL)PHENOXY)ACETIC ACID * (2,3-DICHLORO-4-(2-THIOPHENECARBONYL)PHENOXY)ACETIC ACID * (2,3-DICHLORO-4-(2-THIOPHENECARBONYL)PHENOXY)ACETIC ACID * DIFLUBER * FR 3068 * SELACRYN * SKF 62698 * THIENYLIC ACID * 4-(2-THIENYLKETO)-2,3-DICHLOROPHENOXYACETIC ACID * TICREX * TICRYNAFEN * TIENILIC ACID

TOXICITY DATA AND REFERENCES:
3F03F07F11 orl-man TDLo:75 mg/kg/3W JRSMD9 74,162,81
* orl-mus LD50:1275 mg/kg EJMCA5 9,625,74
* ivn-mus LD50:225 mg/kg USXXAM #3758506

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AG9405000 ACETIC ACID, DICYCLOHEXYL-, 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8403 MW: 423.53 MOLFM: C21-H38-N2-O2-2Cl-H
SYN: DICYCLOHEXYLACETIC ACID 2-(4-METHYL 1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:175 mg/kg JAPMA8 46,279,57

ACETIC ACID, DICYCLOPENTYL-, DIETHYLAMINOETHYL ESTER, ETHYLBROMIDE see: BR1210000

AG9427000 ACETIC ACID, DIETHOXY-, 2-(4-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)- 1,2,3,4,6,11-HEXAHYDRO-2,5,12-TRIHYDROXY-7-METHOXY-6,11-DIOXO-2-NAPHTHACENYL)-2-OXOETHYL ESTER, (2S-cis)-
UPDT:8402 CAS: 66211-92-5 MW: 673.73 MOLFM: C33-H39-N-O14
SYN: DETORUBICIN * RP 33921

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate EJCODS 19,641,83
mma-sat 10 ug/plate EJCODS 19,641,83

ACETIC ACID, ((DIETHOXYPHOSPHINOTHIOYL)OXY)-, ETHYL ESTER (9CI) see: MC5420000
ACETIC ACID, ((DIETHOXYPHOSPHINOTHIOYL)THIO)-, ETHYL ESTER (9CI) see: AM8250000
ACETIC ACID, DIETHYL- see: ET1400000

AG9470000 ACETIC ACID, (2-DIETHYLAMINOETHOXY)DIPHENYL-, ETHYL ESTER
UPDT:8403 MW: 353.52 MOLFM: C22-H29-N-O3
SYN: D 402 * (2-DIETHYLAMINOETHOXY)DIPHENYLACETIC ACID ETHYL ESTER * ETHYL alpha-(beta-DIETHYLAMINOETHOXY)DIPHENYLACETATE

IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm/3H JAPMA8 44,743,55

TOXICITY DATA AND REFERENCES:
3A11F12F13 ipr-rat LD50:36500 ug/kg JAPMA8 44,743,55

AG9500000 ACETIC ACID, ((3-(2-(DIETHYLAMINO)ETHYL)-4-METHYL-2-OXO)-2H-1-BENZOPYRAN-7-YL)OXY-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8403 CAS: 633-35-6 MW: 397.94 MOLFM: C20-H27-N-O5-Cl-H
SYN: A-27053 * AG 3 * ANTIANGOR * CARBOCHROMENE HYDROCHLORIDE * CARBOCROMENE * CASSELLA 4489 * CHROMONAB HYDROCHLORIDE * 3-(beta-DIETHYLAMINOETHYL)-4-METHYL-7-(CARBETHOXYMETHOXY)-COUMARIN HYDROCHLORIDE * INTENKORDIN * INTENSAIN * INTENSAIN HYDROCHLORIDE * KARBOKROMEN (Russian) * MSC 110430

TOXICITY DATA AND REFERENCES:
orl-mus LD50:6300 mg/kg ARZNAD 13,243,63
ipr-mus LD50:528 mg/kg ARZNAD 13,243,63
ivn-mus LD50:36 mg/kg KHFZAN 9,57,75

AG9605000 ACETIC ACID, ((4-(DIETHYLAMINO)-6-METHYL-2-PYRIMIDINYL)THIO)-, HYDRAZIDE
UPDT:8309 MW: 269.41 MOLFM: C11-H19-N5-O-S
SYN: ((4-(DIETHYLAMINO)-6-METHYL 2 PYRIMIDINYL)THIO)ACETIC ACID HYDRAZIDE

TOXICITY DATA AND REFERENCES:
1P30 scu-mam LD50:160 mg/kg RPTOAN 45,215,82

AG9605100 ACETIC ACID, ((4-(DIETHYLAMINO)-6-METHYL-2-PYRIMIDINYL)THIO)-, HYDRAZIDE
UPDT:8311 MW: 269.41 MOLFM: C11-H19-N5-O-S
SYN: (4-DIETHYLAMINO-6-METHYL 2-PYRIMIDINYLTHIO)ACETHYDRAZIDE * ((4-(DIETHYLAMINO)-6-METHYL 2-PYRIMIDINYL)THIO)ACETIC ACID HYDRAZIDE

TOXICITY DATA AND REFERENCES:
2P30Y37 scu-mus LD50:160 mg/kg PCJOAU 16,595,82

ACETIC ACID, (p-((DIETHYLCARBAMOYL)METHOXY)-3-METHOXYPHENYL)-, PROPYL ESTER see: AG9625000

AG9625000 ACETIC ACID, (4-((DIETHYLCARBAMOYL)METHOXY)-3-METHOXYPHENYL)-, PROPYL ESTER
UPDT:8411 CAS: 1421-14-3 MW: 337.46 MOLFM: C18-H27-N-O5
SYN: ACETIC ACID, (p-((DIETHYLCARBAMOYL)METHOXY)-3-METHOXYPHENYL)- PROPYL ESTER * B1420 * BAY 1420 * BAYER 1420 * BENZENEACETIC ACID, 4-(2-(DIETHYLAMINO)-2-OXOETHOXY)-3-METHOXY- PROPYL ESTER (9CI) * 4-(2-(DIETHYLAMINO)-2-OXOETHOXY)-3-METHOXYBENZENEACETIC ACID PROPYL ESTER * (p-((DIETHYLCARBAMOYL)METHOXY)-3-METHOXYPHENYL)ACETIC ACID PROPYL ESTER * (4-((DIETHYLAMINO)-2-OXOETHOXY)-3-METHOXYPHENYL)ACETIC ACID PROPYL ESTER * EPONTHOL * EPONTOL * FABANTOL * FABONTAL * FBA 1420 * (3-METHOXY-4-((N,N-DIETHYLCARBAMOYL)METHOXY)PHENYL)ACETIC ACID n-PROPYL ESTER * PROPANIDID * PROPANIDIDE * PROPANTAN * PROPYL(4-((DIETHYLCARBAMOYL)METHOXY)-3-METHOXYPHENYL)ACETATE * 13245 B. P. * SOMBREVIN * 2180 TH * WH 5668

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T46T53T86 ivn-dog TDLo:1200 mg/kg (1-60D preg) NYSJAM 64,2177,64

TOXICITY DATA AND REFERENCES:
2P01Y45 ivn-hmn TDLo:5 mg/kg BJANAD 45,1097,73
orl-rat LD50:700 mg/kg TXAPA9 18,185,71
* ivn-mus LD50:113 mg/kg OYYAA2 19,845,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AH0100000 ACETIC ACID, DIFLUORONITRO-, METHYL ESTER
UPDT:8319 CAS: 428-13-7 MW: 155.07 MOLFM: C3-H3-F2-N-O4
SYN: METHYL DIFLUORONITROACETATE

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:35 mg/kg CSLNX* NX#12121

AH0306000 ACETIC ACID, ((2,3-DIHYDRO-6,7-DICHLORO-2-METHYL-1-OXO-2-PHENYL-1H-INDEN-5-YL)OXY)-, (-)-
UPDT:8312 CAS: 56049-89-9 MW: 365.22 MOLFM: C18-H14-Cl2-O4
SYN: (-)-6,7-DICHLORO-2-METHYL-1-OXO-2-PHENYL-5-INDANYLOXYACETIC ACID * (-)-INDACRINONE * (-)-MK 196

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 unk-rat TDLo:960 mg/kg (6-17D preg) TXAPA9 60,142,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, (DIHYDRO-1,3,2-DITHIARSENOL-2-YLMERCAPTO)- see: AH3501000

AH0307000 ACETIC ACID, ((2,3-DIHYDRO-6,7-DICHLORO-2-METHYL-1-OXO-2-PHENYL-1H-INDEN-5-YL)OXY)-, (+)-
UPDT:8312 CAS: 57297-16-2 MW: 365.22 MOLFM: C18-H14-Cl2-O4
SYN: (+)-6,7-DICHLORO-2-METHYL-1-OXO-2-PHENYL-5-INDANYLOXYACETIC ACID * (+)-INDACRINONE * (+)-MK 196

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 unk-rat TDLo:1200 mg/kg (6-17D preg) TXAPA9 60,142,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, (DIHYDRO-1,3,2-DITHIARSENOL-2-YLMERCAPTO)- see: AH3501000

AH0525000 ACETIC ACID, ((1,2-DIHYDRO-5,6,17,19,21-PENTAHYDROXY-23-METHOXY-2,4,12,16,18,20,22-HEPTA METHYL-1,11-DIOXO-2 7-(EPOXYPENTADECA(1,11,13)TRIENIMINO)NAPHTHO(2,1-b)FURAN-9-YL)- OXY)-, 21-ACETATE
UPDT:8403 CAS: 13929-35-6 MW: 755.89 MOLFM: C39-H49-N-O14
SYN: 4-O-(-CARBOXYMETHYL)RIFAMYCIN * MACIMYCIN * NCI 145-604 * RIFAMYCIN * RIFAMYCIN B * RIFAMYCIN, 4-O-(CARBOXYMETHYL)- (9CI) * RHOMYCIN

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:1680 mg/kg 85ERAY 1,865,78
* ivn-mus LD50:2040 mg/kg MEIEDD 10,1187,83
* ivn-dog LD50:1200 mg/kg 85ERAY 1,865,78
* ipr-gpg LD50:3000 mg/kg 85ERAY 1,865,78

ACETIC ACID, DIHYDROTERPINYL ESTER see: O39540000

AH0585000 ACETIC ACID, (((3,4-DIHYDROXY-2-ANTHRAQUINONYL)METHYL)IMINO)DI-, DIHYDRATE
UPDT:8402 CAS: 3952-78-1 MW: 421.39 MOLFM: C19-H15-N-O8-2H2-O
SYN: ALIZARIN COMPLEXON * ALIZARIN COMPLEXONE * ALIZARINE COMPLEXON * ALIZARINE COMPLEXONE * ALIZARINE FLUORINE BLUE * ALIZARIN FLUORINE BLUE * ALIZARINKOMPLEXON * (((3,4-DIHYDROXY-2 ANTHRAQUINONYL)METHYL)IMINO)DIACETIC ACID DIHYDRATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:170 mg/kg EXPEAM 28,180,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AH0655000 ACETIC ACID, (p-(3,5-DIIODOSULFANILAMIDO)PHENYL)-
UPDT:8405 MW: 558.16 MOLFM: C14-H12-I2-N2-O4-S
SYN: (p-(3,5-DIIODOSULFANILAMIDO)PHENYL)ACETIC ACID * 4-(3,5-DIIODOSULFANILAMIDO)PHENYLACETIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMA8 43,495,54

BEST COPY AVAILABLE

ACETIC ACID, ((3-((DIMETHOXYPHOSPHINYL)OXY)-1-OXO-2-BUTENYL)AMINO)-, ETHYL ESTER see: MC0570000
ACETIC ACID, ((3-((DIMETHOXYPHOSPHINYL)OXY)-1-OXO-2-BUTENYL)AMINO)-, METHYL ESTER see: MC0590000
ACETIC ACID, ((2-((DIMETHOXYPHOSPHINYL)OXY)-1-PROPENYL)THIO)-, ETHYL ESTER see: AI2850000
ACETIC ACID DIMETHYL- see: NQ4375000
ACETIC ACID, DIMETHYLAMIDE see: AB7700000

AH1010000 ACETIC ACID, (2-DIMETHYLAMINOETHOXY)DIPHENYL-, ETHYL ESTER
UNDT-8401 MW: 327.48 MOLFM: C20-H25-N-O3
SYN: D 601 * (2-DIMETHYLAMINOETHOXY)DIPHENYLACETIC ACID ETHYL ESTER * ETHYL alpha-(beta-DIMETHYLAMINOETHOXY)DIPHENYLACETATE

IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm/3M JAPMAB 44,743.55

TOXICITY DATA AND REFERENCES:
3A11F12F13 ipr-rat LD50:57 mg/kg JAPMAB 44,743.55

ACETIC ACID, alpha-(DIMETHYLAMINOMETHYL)BENZYL ESTER see: SD9152000

AH1280000 ACETIC ACID, ((4-(DIMETHYLAMINO)-6-METHYL-2-PYRIMIDINYL)THIO)-, HYDRAZIDE
UPDT-8311 MW: 241.35 MOLFM: C9-H15-N5-O-S
SYN: 14-DIMETHYLAMINO-6-METHYL-2-PYRIMIDINYLTHIO)ACETOHYDRAZIDE * (14-(DIMETHYLAMINO)-6-METHYL-2-PYRIMIDINYL)THIO)ACETIC ACID HYDRAZIDE

TOXICITY DATA AND REFERENCES:
2P30Y37 orl-mus LD50:420 mg/kg PCJOAU 16,595.82
1P30 unk-mam LD50:420 mg/kg RPTOAN 45,215.82

ACETIC ACID, 1,3-DIMETHYLBUTYL ESTER see: SA7529000

AH1350000 ACETIC ACID, ester with 2,6-DIMETHYL-m-DIOXAN-4-OL
UPDT-8412 CAS: 828-00-2 MW: 174.22 MOLFM: C8-H14-O4
SYN: ACETIC ACID, 2,6-DIMETHYL-m-DIOXAN-4-YL ESTER * ACETOMETHOXANE * ACETOXY-2,4-DIMETHYL-m-DIORANE * DDOA * DIMETHOXANE * 2,6-DIMETHYL-m-DIOXAN-4-OL ACETATE * 2,6-DIMETHYL-m-DIOXAN-4-YL ACETATE * m-DIOXAN-4-OL, 2,6-DIMETHYL-, ACETATE * 1,3-DIOXAN-4-OL, 2,6-DIMETHYL-, ACETATE * DIOXIN (BACTERICIDE) (OBS.) * GUARD DRN * NCI-C56213

TUMORIGENIC DATA AND REFERENCES:
3V01L60P61 orl-rat TDLo:948 gm/kg/88W-I JNCIAM 53,791.74

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1930 mg/kg GCTB** 25MAR77

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 15,177.77

STATUS:
NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, 2,6-DIMETHYL-m-DIOXAN-4-YL ESTER see: AH1350000
ACETIC ACID, (O,O-DIMETHYLDITHIOPHOSPHORYL)- N-MONOMETHYLAMIDE SALT see: YE1790000
ACETIC ACID, (O,O-DIMETHYLDITHIOPHOSPHORYLPHENYL)-, ETHYL ESTER see: AI7875000
ACETIC ACID, 1,1-DIMETHYLETHYL ESTER (9CI) see: AF7400000
ACETIC ACID, 3,7-DIMETHYL-6-OCTEN-1-YL ESTER see: RH3422500

AH1847000 ACETIC ACID, (1,1-DIMETHYL-3-PHENYLPROPYL) ESTER
UPDT-8305 CAS: 103-07-1 MW: 206.31 MOLFM: C13-H18-O2
SYN: BENZENEPROPANOL alpha,alpha-DIMETHYL-, ACETATE (9CI) * 2-BUTANOL, 2-METHYL-4-PHENYL-, ACETATE * DIMETHYLPHENYLETHYLCARBINYL ACETATE * 2-METHYL-4-PHENYL-2-BUTYL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,721.78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4850 mg/kg FCTXAV 16,721.78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AH1BE2000 ACETIC ACID, (p-(2,5-DIMETHYL-1-PYRROLYL)PHENYL)-, ETHYL ESTER
UPDT-8309 MW: 257.36 MOLFM: C16-H19-N-O2
SYN: (p-(2,5-DIMETHYL-1-PYRROLYL)PHENYL)ACETIC ACID ETHYL ESTER * 4-(2,5-DIMETHYL-1-PIRROLIL)FENILACETATO di ETILE (Italian)

TOXICITY DATA AND REFERENCES:
orl-mus LD50:980 mg/kg FRPSAX 38,90.83
ipr-mus LD50:560 mg/kg FRPSAX 38,90.83

ACETIC ACID, (2,4-DINITRO-6-s-BUTYLPHENYL) ESTER see: AF7140000
ACETIC ACID, (4,6-DINITRO-2-s-BUTYLPHENYL) ESTER see: AF7140000
ACETIC ACID, 2,2'-((DIOCTYLSTANNYLENE)BIS(THIO))BIS-, DIISOOCTYL ESTER see: WH6723000

AH2515000 ACETIC ACID, DIPHENYL-
UPDT-8302 CAS: 117-34-0 MW: 212.26 MOLFM: C14-H12-O2
SYN: BENZENEACETIC ACID, alpha-PHENYL- * DIPHENYLACETIC ACID * alpha,alpha-DIPHENYLACETIC ACID * DPA

TOXICITY DATA AND REFERENCES:
2P17F19 orl-rat LD50:5540 mg/kg GNAMAP 17,48.78
2P17F19 orl-mus LD50:3200 mg/kg GNAMAP 17,48.78
ipr-mus LD50:500 mg/kg FRPSAX 13,286.58

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AH2520000 ACETIC ACID, DIPHENYL-, 2-(4-BENZYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE
UPDT-8403 MW: 487.51 MOLFM: C27-H30-N2-O2-2Cl-H
SYN: DIPHENYLACETIC ACID 2-(4-BENZYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:330 mg/kg JAPMAB 46,279.57

AH2624000 ACETIC ACID, DIPHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER
UPDT-8406 CAS: 64-95-9 MW: 311.46 MOLFM: C20-H25-N-O2
SYN: ADIPHENIN * ADIPHENINE * BENZENEACETIC ACID, alpha-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER (9CI) * 2-DIETHYLAMINOETHYL DIPHENYLACETATE * DIFACIL * DIPHACIL * DIPHACYL * DIPHENYLACETIC ACID, DIETHYLAMINOETHYL ESTER * DIPHENYLACETIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER * DIPHENYLACETYLDIETHYLAMINOETHANOL * PATROVINE * SPASMOLYTIN * TRANSENTINE * TRANZETA * TRASENTIN * TRASENTINE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:27 mg/kg AJDDAL 18,241.51
orl-mus LD50:600 mg/kg CLDND*
ipr-mus LD50:182 mg/kg PCJOAU 2,201.68
scu-mus LD50:510 mg/kg RPTOAN 31,53.68
ivn-mus LD50:40 mg/kg SMWOAS 76,1282.46
ivn-rbt LD50:30 mg/kg CLDND*

AH2625000 ACETIC ACID, DIPHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT-8403 CAS: 50-42-0 MW: 347.92 MOLFM: C20-H25-N-O2-Cl-H
SYN: ADIFENIN HYDROCHLORIDE * ADIPHEN HYDROCHLORIDE * ADIPHENINE CHLORIDE * ADIPHENINE HYDROCHLORIDE * BENZENEACETIC ACID, alpha-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE (9CI) * 2-DIETHYLAMINOETHYL DIPHENYLACETATE HYDROCHLORIDE * DIFACIL HYDROCHLORIDE * DIPHACIL HYDROCHLORIDE * DIPHENYLACETATE du DIETHYLAMINO ETHANOL CHLORHYDRATE (French) * DIPHENYLACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * DIPHENYLACETYLDIETHYLAMINOETHYL HYDROCHLORIDE * ETHANOL 2-(DIETHYLAMINO)-, 2,2-DIPHENYLACETATE HYDROCHLORIDE * PATROVINA * PAXIL * alpha-PHENYLBENZENEACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER * SPENTIN * SPASMOLYTIN * SPASMOLYTIN HYDROCHLORIDE * SPASNIL * TRANSENTINE HYDROCHLORIDE * TRASENTIN * TRASENTINE HYDROCHLORIDE * TRASENTIN HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:250 mg/kg JPETAB 96,151.49
ivn-rat LD50:32 mg/kg AIPTAK 155,393.65
orl-mus LD50:500 mg/kg AIPTAK 59,149.38
ipr-mus LD50:220 mg/kg JPETAB 96,151.49
ivn-mus LD50:27 mg/kg JPETAB 96,151.49
idr-mus LD50:1250 mg/kg AIPTAK 59,149.38
3F12G30J30 spr-cat LDLo:250 mg/kg JPETAB 59,365.37
3F12G30J30 ivn-cat LDLo:[illegible] mg/kg JPETAB 59,365.37
3F12G30J30 spr-rbt LDLo:250 mg/kg JPETAB 59,365.37
ivn-rbt LD50:20 mg/kg AIPTAK 59,149.38
3F12J30G30 ims-rbt LDLo:1000 mg/kg JPETAB 59,365.37
3F12J30G30 spg-pig LDLo:150 mg/kg JPETAB 59,365.37

AH2770000 ACETIC ACID, 2,2-DIPHENYL-2-ETHOXY-, (2-(N-sec-BUTYL-N-ETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE
UPDT-8307 CAS: 2912-90-5 MW: 470.06 MOLFM: C24-H33-N-O3-Cl-H
SYN: 2,2-DIPHENYL-2-ETHOXYACETIC ACID (2-(N-sec-BUTYL-N-ETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:51 mg/kg JMCMAR 8,571.65

AH2790000 ACETIC ACID, 2,2-DIPHENYL-2-ETHOXY-, (2-(DIMETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE
UPDT-8403 CAS: 2424-75-1 MW: 363.92 MOLFM: C20-H25-N-O3-Cl-H
SYN: ACETIC ACID, ETHOXYDIPHENYL-, 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE (8CI) * AESTOCIN * BENZENEACETIC ACID, alpha-ETHOXY-alpha-PHENYL-, 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * DIMENOXADOL HYDROCHLORIDE * DIMETHYLAMINOETHYL DIPHENYLETHOXYACETATE HYDROCHLORIDE * beta-DIMETHYLAMINOETHYL alpha-ETHOXY-alpha-PHENYLACETATE HYDROCHLORIDE * 2,2-DIPHENYL-2-ETHOXYACETIC ACID (2-(DIMETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE * ESTOCIN * ESTOCINE * ESTOTUN * LOXARIN * PROPALGYL

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:66 mg/kg PCJOAU 8,189.74
orl-mus LD50:700 mg/kg MEIEDD 10,467.84
1929 ipr-mus LD50:175 mg/kg PCJOAU 4,7.70
scu-mus LD50:179 mg/kg RPTOAN 32,317.69
ivn-mus LDLo:40 mg/kg JMCMAR 8,571.65

AH3050000 ACETIC ACID, DIPHENYL-, 2-FLUOROETHYL ESTER
UPDT-8309 CAS: 4242-33-5 MW: 258.31 MOLFM: C16-H15-F-O2
SYN: beta-FLUOROETHYLIC ESTER of BENZYLACETIC ACID * LAMBROL * M 2060

TOXICITY DATA AND REFERENCES:
skn-rat LD50:4 mg/kg BESAAT 15,102.69
orl-mus LD50:35 mg/kg BESAAT 15,102.69
orl-dog LD50:2 mg/kg BESAAT 15,102.69
orl-rbt LD50:600 ug/kg SPEADM 7:1-,74
skn-rbt LD50:7 mg/kg BESAAT 15,102.69
orl-gpg LD50:700 ug/kg BSDPAN -,-,71.76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AH3052000 ACETIC ACID, DIPHENYLFLUORO-, 3-QUINUCLIDINYL ESTER, (+-)-
UPDT-8406 CAS: 87395-66-2 MW: 339.44 MOLFM: C21-H22-F-N-O2
SYN: (+-)-DIPHENYLFLUOROACTIC ACID 3-QUINUCLIDINYL ESTER

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:22 mg/kg JMCMAR 26,1772.83

AH3063000 ACETIC ACID, 2,2-DIPHENYL-2-METHOXY-, (2-(N-sec-BUTYL-N-ETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE
UPDT-8307 CAS: 2912-89-2 MW: 406.01 MOLFM: C23-H31-N-O3-Cl-H
SYN: 2,2-DIPHENYL-2-METHOXYACETIC ACID (2-(N-sec-BUTYL-N-ETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:41 mg/kg JMCMAR 8,571.65

AH3195500 ACETIC ACID, DIPHENYL-, 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE
UPDT-8403 MW: 411.41 MOLFM: C21-H26-N2-O2-2Cl-H
SYN: DIPHENYLACETIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:175 mg/kg JAPMAB 46,279.57

AH3220000 ACETIC ACID, DIPHENYL-, 1-METHYL-4-PIPERIDYL ESTER, HYDROCHLORIDE
UPDT-8307 CAS: 1952-14-3 MW: 345.90 MOLFM: C20-H23-N-O2-Cl-H
SYN: DIPHENYLACETIC ACID 1-METHYL-4-PIPERIDYL ESTER HYDROCHLORIDE * 1-METHYL-4-PIPERIDYL ESTER of DIPHENYLACETIC ACID HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:180 mg/kg JACSAT 65,262.43

AH3293000 ACETIC ACID, (DIPHENYLPHOSPHINYL)-, HYDRAZIDE
UPDT-8308 MW: 274.26 MOLFM: C14-H15-N2-O2-P
SYN: DIPHENYL PHOSPHINYL ACETIC ACID HYDRAZIDE * HYDIFEN

TOXICITY DATA AND REFERENCES:
3F17F25F29 ipr-mam LD50:315 mg/kg RPTOAN 43,122.80

AH3294000 ACETIC ACID, DIPHENYL-, 2-PIPERAZINYLETHYL ESTER, DIHYDROCHLORIDE
UPDT-8403 MW: 397.38 MOLFM: C20-H24-N2-O2-2Cl-H
SYN: DIPHENYLACETIC ACID 2-PIPERAZINYLETHYL ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:217 mg/kg JAPMAB 46,279.57

ACETIC ACID, DIPHENYLPROPOXY-, 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER, (+-)- see: YM6470000
ACETIC ACID, DIPROPYL- see: YV7875000

AH3501000 ACETIC ACID, (1,3,2-DITHIARSOLAN-2-YLTHIO)-
UPDT-8312 CAS: 7749-05-5 MW: 258.21 MOLFM: C4-H7-As-O2-S3
SYN: ACETIC ACID, (DIHYDRO-1,3,2-DITHIARSENOL-2-YLMERCAPTO)-

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,8,53

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 500 ug(As)/m3 FEREAC 39,23540.74

AH3525000 ACETIC ACID, DODECYL ESTER
UPDT-8305 CAS: 112-66-5 MW: 228.42 MOLFM: C14-H28-O2
SYN: ACETATE C-12 * DODECANOL ACETATE * 1-DODECANOL ACETATE * DODECAN-1-YL ACETATE * DODECYL ACETATE * n-DODECYL ACETATE * DODECYL ALCOHOL ACETATE * LAUREL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,667.76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID (aqueous solution) (DOT) see: AF1225000
ACETIC ACID, glacial, more than 80% acid, by weight (DOT) see: AF1340000
ACETIC ACID solution, more than 80% acid, by weight (DOT) see: AF1340000
ACETIC ACID solution, more than 25% but not more than 80% acid, by weight (DOT) see: AF1300000
ACETIC ACID, ester with N-4-BIPHENYLYLACETOHYDROXAMIC ACID see: NC3411500
ACETIC ACID, ester with N-(FLUOREN-3-YL)ACETOHYDROXAMIC ACID see: AF1650000
ACETIC ACID, ester with N-(FLUOREN-4-YL)ACETOXYDROXAMIC ACID see: AF1660000

AH3538000 ACETIC ACID, ESTER with N-(1-HYDROXY-2,2,2-TRICHLOROETHYL)BENZENESULFONAMIDE
UPDT-8312 MW: 346.62 MOLFM: C10-H10-Cl3-N-O4-S

SYN: N-(1-ACETOXY-2,2,2-TRICHLOROETHYL)BENZENESULFONAMIDE

TOXICITY DATA AND REFERENCES:

1U26 ipr-mus LD50:896 mg/kg PCJOAU 16,899,82

ACETIC ACID, ESTER with N-NITROSO-2,2'-IMINODIETHANOL see: KL9600000

ACETIC ACID, ESTER with N-(2-PHENANTHRYL)ACETOHYDROXAMIC ACID see: AF1670000

ACETIC ACID, ESTER with N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACID see: NC3440000

ACETIC ACID, ESTER with TRICHLOROETHANOL see: AJ8300000

ACETIC ACID, ETHENYL ESTER see: AK0875000

ACETIC ACID ETHENYL ESTER HOMOPOLYMER (9CI) see: AK0920000

ACETIC ACID ETHENYL ESTER POLYMER with CHLOROETHENE (9CI) see: AK0950000

AH3600000 ACETIC ACID, ETHOXY-

UPDT:8408 CAS: 627-03-2 MW: 104.12 MOLFM: C4-H8-O3

SYN: ETHOXYACETIC ACID * 2-ETHOXYACETIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02 orl-rat TDLo:6352 mg/kg (11D male) TXAPA9 69,385,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, ETHOXYDIPHENYL-, 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE (8CI) see: AH2790000

ACETIC ACID, 2-ETHOXYETHYL ESTER see: KK8225000

AH3715000 ACETIC ACID, 2-(2-((5-ETHOXY-1-METHYL-6-OXO-1,6-DIHYDROPYRIDAZIN-4-YL)AMINO)ETHOXY)-

UPDT:8207 MW: 271.31 MOLFM: C11-H17-N3-O5

SYN: 5-12-(CARBOXYMETHYLOXY)ETHYLAMINO)-4-ETHOXY-2-METHYL 3(2H)-PYRIDAZINONE * 2-(2-((5-ETHOXY-1-METHYL-6-OXO-1,6-DIHYDROPYRIDAZIN-4-YL)AMINO)ETHOXY)ACETIC ACID

MUTATION DATA AND REFERENCES:

dlt-mus-orl 1 gm/kg IYKEDH 11,559,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-mus TDLo:1 gm/kg (1D male) IYKEDH 11,559,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AH4025000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-

UPDT:8411 CAS: 60-00-4 MW: 292.28 MOLFM: C10-H16-N2-O8

SYN: ACIDE ETHYLENEDIAMINETETRACETIQUE (French) * CELON A * CELON ATH * CHEELOX * CHEELOX BF ACID * CHEMCOLOX 340 * COMPLEXON II * 3,6-DIAZAOCTANEDIOIC ACID 3,6-BIS(CARBOXYMETHYL) * EDATHAMIL * EDETIC * EDETIC ACID * EDTA * EDTA (chelating agent) * EDTA ACID * EDTA (DOT) * ENDRATE * ETHYLENEDIAMINETETRAACETATE * ETHYLENEDIAMINETETRAACETIC ACID * ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID * ETHYLENEDIAMINETETRAACETIC ACID (DOT) * ETHYLENEDINITRILOTETRAACETIC ACID * GLYCINE, N,N'-1,2-ETHANEDIYLBIS(N-(CARBOXYMETHYL)- (9CI) * HAVIDOTE * METAQUEST A * Na 9117 (DOT) * NERVANAID B ACID * NULLAPON B ACID * NULLAPON BF ACID * PERMA KLEER 50 ACID * SEQUESTRENE AA * SEQUESTRIC ACID * SEQUESTROL * TETRINE ACID * TITRIPLEX * TRICON BW * TRILON B * TRILON BW * VERSENE * VERSENE ACID * VINKEIL 100 * WARKEELATE ACID

MUTATION DATA AND REFERENCES:

cyt-mus-ipr 50 mmol/L CISCB7 20,28,76

dni-rbt-kdy 250 nmol/L ECREAL 36,92,64

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T42T43T46 orl-rat TDLo:7532 mg/kg (42-14D preg) TXAPA9 40,299,77

3T47T49T53 orl-rat TDLo:7632 mg/kg (7-14D preg) TXAPA9 40,299,77

2T25T34 orl-rat TDLo:7632 mg/kg (7-14D preg) TXAPA9 40,299,77

2T25T34 scu-rat TDLo:3 gm/kg (7-14D preg) TXAPA9 40,299,77

TOXICITY DATA AND REFERENCES:

1F12 ipr-rat LD50:397 mg/kg AHRTAN 13,7-5,62

ipr-mus LD50:250 mg/kg NTIS** AD691-490

STANDARDS & REGULATIONS:

★ DOT-HAZARD-OEM-E; LABEL:NONE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AH4050000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, ALUMINUM(III) COMPLEX

UPDT:7901 CAS: 17100-11-7

SYN: ALUMINUM EDTA COMPLEX

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:14 mg(Al)/kg PABIAQ 11,853,63

REVIEW AND REFERENCES:

★ TLV-TWA 2 mg(Al)/m3 DTLVS* 4,13,80

AH4055000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, ALUMINUM SODIUM SALT

UPDT:7901 CAS: 29507-67-8 MW: 338.21 MOLFM: C10-H12-N2-O8-Al-Na

SYN: ETHYLENEDIAMINETETRAACETIC ACID ALUMINUM - SODIUM SALT * (ETHYLENEDINITRILO)TETRAACETIC ACID ALUMINUM SODIUM SALT

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:56 mg/kg CSLNX* NX#04823

REVIEW AND REFERENCES:

★ TLV-TWA 2 mg(Al)/m3 DTLVS* 4,13,80

AH4060000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, CADMIUM(II) COMPLEX

UPDT:7901 CAS: 15934-91-3

SYN: CADMIUM(II) EDTA COMPLEX

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:7800 ug(Cd)/kg PABIAQ 11,853,63

REVIEW AND REFERENCES:

★ TLV-TWA 50 ug(Cd)/m3;STEL 200 ug(Cd)/m3 DTLVS* 4,59,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

AH4080000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, CALCIUM (II) COMPLEX

UPDT:8303 CAS: 12264-18-5 MW: 330.34 MOLFM: C10-H12-Ca-N2-O8-2H

SYN: CALCIATE(2-), ((ETHYLENEDINITRILO)TETRAACETATO)- DIHYDROGEN (8CI) * CALCIUM EDTA COMPLEX * VERSENE CA

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:573 mg(Ca)/kg PABIAQ 11,853,63

AH4084000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, CALCIUM COPPER COMPLEX

UPDT:8312 CAS: 66317-91-7

SYN: COPPER CALCIUM EDETATE * CUPRIN * GLAXO

TOXICITY DATA AND REFERENCES:

ivn-dom LDLo:3 ug/kg VETRAX 103,408,78

ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, CALCIUM DISODIUM SALT see: EV7700000

AH4150000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, CHROMIUM(III) COMPLEX

UPDT:7905 CAS: 17099-60-8

SYN: CHROMIUM EDTA COMPLEX

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:291 mg(Cr)/kg PABIAQ 11,853,63

REVIEW AND REFERENCES:

★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:CL 500 ug(Cr)/m3 FEREAC 39,23540,74

AH4310000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, DIPOTASSIUM SALT

UPDT:8311 MW: 370.48 MOLFM: C10-H16-N2-O8-2K

SYN: DIPOTASSIUM ETHYLENEDIAMINETETRAACETATE (ETHYLENEDINITRILO)TETRAACETATE DIPOTASSIUM SALT

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg MLD FCTOD7 20,563,82

eye-rbt 100 mg MLD FCTOD7 20,573,82

eye-rbt 100 mg/30S rns MLD FCTOD7 20,573,82

AH4375000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, DISODIUM SALT

UPDT:8403 CAS: 139-33-3 MW: 336.24 MOLFM: C10-H14-N2-O8-2Na

SYN: CHELADRATE * CHELAPLEX III * CHELATON III * COMPLEXON III * D E D T A DISODIQUE (French) * DISODIUM DIACID ETHYLENEDIAMINETETRAACETATE * DISODIUM DIHYDROGEN ETHYLENEDIAMINETETRAACETATE * DISODIUM DIHYDROGEN(ETHYLENEDINITRILO)TETRAACETATE * DISODIUM EDATHAMIX * DISODIUM EDETATE * DISODIUM EDTA * DISODIUM ETHYLENEDIAMINETETRAACETATE * DISODIUM ETHYLENEDIAMINETETRAACETIC ACID * DISODIUM (ETHYLENEDINITRILO)TETRAACETATE * DISODIUM (ETHYLENEDINITRILO)TETRAACETIC ACID * DISODIUM SALT OF EDTA * DISODIUM SEQUESTRENE * DISODIUM TETRACEMATE * DISODIUM VERSENATE * DISODIUM VERSENE * EDATHAMIL DISODIUM * EDETATE DISODIUM * EDETIC ACID DISODIUM SALT * EDTA DISODIUM * EDTA DISODIUM SALT * ENDRATE DISODIUM * N,N'-1,2-ETHANEDIYLBIS(N-(CARBOXYMETHYL)GLYCINE) DISODIUM SALT * ETHYLENEBIS(IMINODIACETIC ACID) DISODIUM SALT * ETHYLENEDIAMINETETRAACETATE DISODIUM SALT * ETHYLENEDIAMINETETRAACETIC ACID DISODIUM SALT * ETHYLENEDINITRILO) TETRAACETIC ACID DISODIUM SALT * F 1 * F 1 (complexon) * GLYCINE, N,N'-1,2-ETHANEDIYLBIS(N-(CARBOXYMETHYL)-, DISODIUM SALT (9CI) * KIRESUTO B * METAQUEST B * PERMA KLEER 99 CRYSTALS DISODIUM SALT * PERMA KLEER DI CRYSTALS * SELERTON B 2 * SEQUESTRENE SODIUM 2 * SODIUM VERSENATE * TETRACEMATE DISODIUM * TITRIPLEX III * TRILON B * TRILON BD * TRIPLEX III * VERESENE DISODIUM SALT * VERSENE SODIUM 2

MUTATION DATA AND REFERENCES:

cyt-grh-par 1 mmol/L CISCB7 16,18,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 orl-rat TDLo:31429 mg/kg (1-22D preg) SCIEAS 173,62,71

3T2eT34T35 orl-rat TDLo:12857 mg/kg (7-15D preg) SCIEAS 173,62,71

3T41T42T43 orl-rat TDLo:12857 mg/kg (7-15D preg) SCIEAS 173,62,71

1T46 orl-rat TDLo:12857 mg/kg (7-15D preg) SCIEAS 173,62,71

1T25 scu-rat TDLo:380 mg/kg (9D preg) BCPCA6 22,407,73

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2000 mg/kg FEPRA7 27,465,68

* ivn-mus LD50:56 mg/kg CSLNX* NX#03781

orl-rbt LD50:2300 mg/kg NYKZAU 52,113,56

ivn-rbt LD50:47 mg/kg NYKZAU 52,113,56

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AH4800000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, MERCURY(II) COMPLEX

UPDT:8305 CAS: 15954-89-9 MW: 490.85 MOLFM: C10-H14-Hg-N2-O8

SYN: MERCURY (DIHYDROGEN(ETHYLENEDINITRILO)TETRAACETATO) (8CI) * MERCURY(II) EDTA COMPLEX

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:268 mg/kg JEPTDQ 2(6),1529,79

ipr-mus LD50:2700 ug(Hg)/kg PABIAQ 11,853,63

* ivn-mus LD50:9500 ug/kg JEPTDQ 2(6),1529,79

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

AH4900000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, SODIUM SALT, IRON COMPLEX

UPDT:8305 CAS: 15708-41-5 MW: 367.08 MOLFM: C10-H12-Fe-N2-O8-Na

SYN: CALMOSINE * EDATHAMIL MONOSODIUM FERRIC SALT * FERISAN * FERRATE(1-), ((ETHYLENEDINITRILO)TETRAACETATO)- SODIUM (8CI) * FERRIC SODIUM EDETATE * FERRIC SODIUM EDTA * MONOSODIUM FERRIC EDTA * REXENE * SEQUESTRENE NaFe IRON CHELATE * SODIUM FERREDETATE * SODIUM FERRIC EDTA * SODIUM IRON EDTA * SYTRON

TOXICITY DATA AND REFERENCES:

orl-rat LD50:5 gm/kg CIGET* 5,77

orl-mus LD50:5000 mg/kg CIGET* 5,77

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

AH5075000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, TETRASODIUM SALT

UPDT:8305 CAS: 64-02-8 MW: 380.20 MOLFM: C10-H12-N2-O8-4Na

SYN: AQUAMOLLIN * CALSOL * CELON E * CELON H * CELON IS * CHEELOX BF * CHEELOX BF-12 * CHEELOX BF-13 * CHEELOX BF 78 * CHEELOX BR 33 * CHELON 100 * CHEMCOLOX 200 * COMPLEXONE * CONGON BC * DISTOL * DISTOL B * EGATHANIL TETRASODIUM * EDETATE SODIUM * EDETIC ACID TETRASODIUM SALT * EDTA SODIUM SALT * EDTA TETRASODIUM SALT * ENDRATE TETRASODIUM * ETHYLENEBIS(IMINODIACETIC ACID) TETRASODIUM SALT * N,N'-ETHYLENEDIAMINEDIACETIC ACID TETRASODIUM SALT * ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT * GLYCINE, N,N'-1,2-ETHANEDIYLBIS(N-(CARBOXYMETHYL)-, TETRASODIUM SALT (9CI) * HAMP-ENE 100 * HAMP-ENE 215 * HAMP-ENE 220 * HAMP-ENE Na4 * IRGALON * KALEX * KEMPLEX 100 * KOMPLEXON * METAQUEST C * NERVANAID 8 liquid * NERVANID B * NULLAPON * NULLAPON B * NULLAPON BF 12 * NULLAPON BF-78 * NULLAPON BFC * NULLAPON BFC CONC * NULLAPON BFC CONC BEADS * NULLAPON BFC LIQUID * PERMA KLEER 100 * PERMA KLEER 50 CRYSTALS * PERMA KLEER TETRA CP * QUESTEX * QUESTEX 4 * SEQUESTRENE * SEQUESTRENE 30A * SEQUESTRENE NA 4 * SEQUESTRENE Na 4 * SEQUESTRENE ST * SODIUM EDETATE * SODIUM EDTA * SODIUM ETHYLENEDIAMINETETRAACETATE * SODIUM ETHYLENEDIAMINETETRAACETIC ACID * SODIUM SALT OF ETHYLENEDIAMINETETRAACETIC ACID * SYNTES 12A * SYNTRON B * TETRACEMIN * TETRASODIUM EDETATE * TETRASODIUM EDTA * TETRASODIUM ETHYLENEDIAMINETETRAACETATE * TETRASODIUM ETHYLENEDIAMINETETRACETATE * TETRASODIUM (ETHYLENEDINITRILO)TETRAACETATE * TETRASODIUM SALT EDTA * TETRASODIUM SALT OF EDTA * TETRASODIUM SALT OF ETHYLENEDIAMINETETRACETIC ACID * TETRINE * TRILON B * TST * TYCLAROSOL * VERSENE 67 * VERSENE 100 * VERSENE BEADS * VERSENE FE 3 * VERSENE POWDER * VERSENE POWDER TETRA SODIUM * WARKEELATE PS-42 * WARKEELATE PS 43 * WARKEELATE PS-47 * WARKEELATE S 42

IRRITATION DATA AND REFERENCES:

eye-rbt 1*00 ug AAOPAF 48,681,52

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:330 mg/kg REPMBN 10,391,62

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

AH5250000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, TRISODIUM SALT

UPDT:8401 CAS: 150-38-9 MW: 358.22 MOLFM: C10-H13-N2-O8-3Na

SYN: EDETATE TRISODIUM * EDTA TRISODIUM SALT * ETHYLENEDIAMINEACETIC ACID TRISODIUM SALT * ETHYLENEDIAMINETETRAACETIC ACID TRISODIUM SALT * GLYCINE, N,N'-1,2-ETHANEDIYLBIS(N-(CARBOXYMETHYL)- TRISODIUM SALT (9CI) * NCI-C03974 * NERVANAID B POWDER * PERMA KLEER 50 TRISODIUM SALT * SEQUESTRENE Na3 * SEQUESTRENE TRISODIUM * SEQUESTRENE TRISODIUM SALT * TRILON AO * TRISODIUM EDETATE * TRISODIUM EDTA * TRISODIUM ETHYLENEDIAMINETETRAACETATE * TRISODIUM HYDROGEN ETHYLENEDIAMINETETRAACETATE * TRISODIUM HYDROGEN (ETHYLENEDINITRILO)TETRAACETATE * TRISODIUM VERSENATE * VERSENE 9

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2150 mg/kg NCILB* NCI-E-C.72-3252

orl-mus LD50:2150 mg/kg NCILB* NCI-E-C.72-3252

ipr-mus LD50:300 mg/kg REPMBN 10,391,62

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

AH5275000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, TRISODIUM SALT, TRIHYDRATE

UPDT:8412 CAS: 150-38-9 MW: 417.28 MOLFM: C10-H13-N2-O8-3Na-3H2-O

SYN: EDTA TRISODIUM SALT (TRIHYDRATE) * (ETHYLENEDINITRILO)-TETRAACETIC ACID * NCI-C03974 * TRISODIUM ETHYLENEDIAMINETETRAACETATE TRIHYDRATE

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (nCITR* NCI-CG-TR-11,77)

BEST COPY AVAILABLE

REPORTED IN EPA TSCA INVENTORY, 1983

AH5280000 ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, YTTRIUM complex
UPDT:8401 CAS: 12558-71-3 MW: 378.16 MOLFM: C10-H13-N2-O8-Y
SYN: YTTRIUM EDETATE complex

TOXICITY DATA AND REFERENCES:
TL01 ipr-gpg LD50:107 mg/kg AEHLAU 5,427,62

REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Y)/m3;STEL 3 mg(Y)/m3 DTLVS* 4,443,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Y)/m3 FEREAC 39,23540,74

AH5425000 ACETIC ACID, ETHYL ESTER
UPDT:8408 CAS: 141-78-6 MW: 88.12 MOLFM: C4-H8-O2
SYN: ACETIC ETHER * ACETIDIN * ACETOXYETHANE * AETHYLACETAT (German) * ESSIGESTER (German) * ETHYLACETAAT (Dutch) * ETHYL ACETATE * ETHYL ACETATE (DOT) * ETHYL ACETIC ESTER * ETHYLE (ACETATE D') (French) * ETHYL ETHANOATE * ETILE (ACETATO DI) (Italian) * OCTAN ETYLU (Polish) * RCRA WASTE NUMBER U112 * UN 1173 (DOT) * VINEGAR NAPHTHA

IRRITATION DATA AND REFERENCES:
eye-hmn 400 ppm JIHTAB 25,282,43

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:3600 mg/kg/8W-I CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-hmn TCLo:400 ppm JIHTAB 25,282,43
3F07F17F24 orl-rat LD50:6100 mg/kg GISAAA 48(4),66,83
ihl-rat LC50:1600 ppm/8H 14CYAT 2,1879,63
scu-rat LDLo:5000 mg/kg BSIBAC 18,45,43
3F07F17F24 orl-mus LD50:4100 mg/kg GISAAA 48(4),66,83
ihl-mus LCLo:31000 mg/m3,103M AGGHAR 5,1,33
ipr-mus LD50:709 mg/kg SCCUR* -,5,61
ihl-cat LCLo:61000 mg/m3 HBTXAC 1,336,55
scu-cat LD50:3000 mg/kg AGGHAR 5,1,33
orl-rbt LD50:4935 mg/kg IMSUAI 41,31,72
3F07F17F24 orl-gpg LD50:5500 mg/kg GISAAA 48(4),66,83
ihl-gpg LCLo:7 mg/m3/60M MELAAD 24,166,33
scu-gpg LD50:3000 mg/kg AGGHAR 5,1,33

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,28,60
★ TLV-TWA 400 ppm DTLVS* 4,173,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 400 ppm (SCP-E) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172,101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S49
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETIC ACID alpha-ETHYLHEXYL ESTER see: AH5600000

AH5600000 ACETIC ACID, 2-ETHYLHEXYL ESTER
UPDT:8407 CAS: 103-09-3 MW: 172.30 MOLFM: C10-H20-O2
SYN: ACETIC ACID alpha-ETHYLHEXYL ESTER * 2-ETHYLHEXANYL ACETATE * beta-ETHYLHEXYL ACETATE * 2-ETHYLHEXYL ACETATE * 2-ETHYLHEXYL ETHANOATE * OCTYL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg 24H open JIHTAB 26,269,44
skn-rbt 500 mg open MLD UCDS** 4/21/67
eye-rbt 436 mg AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg JIHTAB 26,269,44

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 48,225,51; FCTXAV 17(Suppl 1),693,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETIC ACID, N'-ETHYLHYDRAZIDE see: AH5600500

AH5600500 ACETIC ACID, 2-ETHYLHYDRAZIDE
UPDT:8302 CAS: 20147-29-5 MW: 102.16 MOLFM: C4-H10-N2-O
SYN: ACETIC ACID, N-ETHYLHYDRAZIDE * 1-AETHYL-2-ACETYL-HYDRAZID (German)

TOXICITY DATA AND REFERENCES:
unk-rat LD50:150 mg/kg ARZNAD 20,363,70

AH5601100 ACETIC ACID, 2-(6-ETHYL-3-(2-METHYLTHIAZOL-4-YL)-4-OXO-4H-1-BENZOPYRAN-7-YLOXY)-, ETHYL ESTER
UPDT:8306 MW: 373.45 MOLFM: C19-H19-N-O5-S
SYN: 2-(6-ETHYL-3-(2-METHYLTHIAZOL-4-YL)-4-OXO-4H-1-BENZOPYRAN-7-YLOXY)ACETIC ACID ETHYL ESTER * 3-(2-METHYL-4-THIAZOLYL)-6-ETHYL-7-ETHOXYCARBON-1METHOXYCHROMANONE

TOXICITY DATA AND REFERENCES:
1Y37 ipr-mus LD50:3000 mg/kg PCJDAU 15,780,81

AH5601200 ACETIC ACID, (ETHYLNITROAMINO)METHYL ESTER
UPDT:8411 MW: 162.17 MOLFM: C5-H10-N2-O4

MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate CBNGDP 5,809,84

ACETIC ACID, 1-(ETHYLNITROSAMINO)ETHYL ESTER see: HZ8880000

AH5601500 ACETIC ACID, ETHYLNITROSAMINOMETHYL ESTER
UPDT:8405 CAS: 65986-80-3 MW: 146.17 MOLFM: C5-H10-N2-O3
SYN: ACETOXYMETHYLETHYLNITROSAMINE * N-(ACETOXY)METHYL-N-ETHYLNITROSAMINE * N-ACETOXYMETHYL-N-NITROSOETHYLAMINE * AETHYL ACETOXYMETHYLNITROSAMIN (German) * EAMN * ETHYL ACETOXYMETHYLNITROSAMINE * N-ETHYL-N-(ACETOXYMETHYL)NITROSAMINE * ETHYL AMINE, N-(1-ACETOXYMETHYL)-N-NITROSO * (ETHYLNITROSAMINO)METHYL ACETATE

MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate MUREAV 49,187,78
mma-sat 3 umol/plate MUREAV 49,187,78
mmo-esc 1 umol/plate GANNA2 71,124,80
dnr-bcs 5 umol/plate GANNA2 70,663,79
dnd-mus-fbr 70 umol/L GANNA2 73,565,82
msc-ham:lng 100 umol/L GANNA2 72,531,81

TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:380 mg/kg 90D-I ZKKOBW 91,317,78
3V01J60V10 scu-rat TDLo:50 mg/kg/10W-I JCROD7 104,13,82
3V01J60V10 scu-rat TD :55 mg/kg/10W-I IAPUDO 41,619,82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:810 mg/kg ZKKOBW 91,317,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETIC ACID, 2-(3-ETHYL-4-OXO-5-PIPERIDINO-2-THIAZOLIDINYLIDENE)-, (Z)- see: XJ5131750

AH5950000 ACETIC ACID, FLUORO-
UPDT:8312 CAS: 144-49-0 MW: 78.05 MOLFM: C2-H3-F-O2
SYN: ACIDE MONOFLUORACETIQUE (French) * ACIDO MONOFLUOROACETICO (Italian) * CYMONIC ACID * FAA * FLUOROACETIC ACID * 2-FLUOROACETIC ACID * FLUOROACETIC ACID (DOT) * FLUOROETHANOIC ACID * GIFBLAAR POISON * HFA * MFA * MONOFLUORAZIJNZUUR (Dutch) * MONOFLUORESSIGSAURE (German) * MONOFLUOROACETATE * MONOFLUOROACETIC ACID

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4680 ug/kg TXAPA9 13,189,68
scu-rat LD50:281 ug/kg JPETAB 95,62,49
orl-mus LD50:7 mg/kg TXAPA9 13,189,68
ipr-mus LD50:6600 ug/kg JOCEAH 21,683,56
scu-mus LD50:281 mg/kg JPETAB 95,62,49
ivn-mus LD50:13 mg/kg CSLNX* NX#03014
unk-dog LDLo:50 ug/kg PAREAQ 1,383,49
ivn-rbt LD50:250 ug/kg NATUAS 158,382,46
orl-gpg LD50:468 ug/kg TXAPA9 13,189,68

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172,102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AH6475000 ACETIC ACID, FLUORO-, ALUMINUM SALT
UPDT:7901 CAS: 63905-85-1 MW: 258.10 MOLFM: C6-H6-F3-O6-Al
SYN: ALUMINUM FLUOROACETATE

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:10 mg/kg NCNSA6 5,7,53

REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 DTLVS* 4,13,80

ACETIC ACID, FLUORODIPHENYL-, 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER, (-)- see: YM4404000

ACETIC ACID, (m-FLUOROPHENYL)-, TROPAN-3-YL ESTER, HYDROCHLORIDE see: YM5250000

AH8800000 ACETIC ACID, FLUORO-, POTASSIUM SALT
UPDT:8312 CAS: 23745-86-0 MW: 117.15 MOLFM: C2-H3-F-O2-K
SYN: DICHAPETULUM CYMOSUM (HOOK) ENGL * GIFBLAAR * POTASSIUM FLUOROACETATE * POTASSIUM FLUOROACETATE (DOT) * UN 2628 (DOT)

TOXICITY DATA AND REFERENCES:
scu-mus LDLo:4 mg/kg OJVSA4 22,77,47
orl-rbt LDLo:500 ug/kg 11FYAN 3,74,63
scu-rbt LDLo:500 ug/kg 11FYAN 3,74,63
ivn-rbt LDLo:500 ug/kg 11FYAN 3,74,63
orl-ckn LDLo:50 mg/kg OJVSA4 22,77,47
scu-ckn LDLo:10 mg/kg OJVSA4 22,77,47
par-dck LDLo:20 mg/kg 11FYAN 3,73,63
scu-dom LDLo:2 mg/kg OJVSA4 22,77,47

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172,102,83

AH9100000 ACETIC ACID, FLUORO-, SODIUM SALT
UPDT:8408 CAS: 62-74-8 MW: 100.03 MOLFM: C2-H2-F-O2-Na
SYN: 1080 * COMPOUND NO. 1080 * FLUORESSIGAEURE (German) * FLUOROACETIC ACID, SODIUM SALT * FRATOL * FURATOL * MONOFLUORESSIGSAURES NATRIUM (German) * NATRIUMFLUORACETAAT (Dutch) * NATRIUMFLUORACETAT (German) * RATBANE 1080 * RCRA WASTE NUMBER P058 * SODIO FLUOROACETATO DI (Italian) * SODIUM FLUOACETATE * SODIUM FLUOACETIC ACID * SODIUM FLUOROACETATE * SODIUM FLUOROACETATE * SODIUM FLUOROACETATE DE (French) * SODIUM FLUOROACETATE (DOT) * SODIUM MONOFLUOROACETATE * TL 869 * UN 2629 (DOT) * YASOKNOCK

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:210 ug/kg (3D male) JRPFA4 56,201,79
1T02 ipr-rat TDLo:27500 ug/kg (11D male) EXPEAM 21,446,65

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:714 ug/kg 34ZIAG -,542,69
unk-man LDLo:5 mg/kg AJPEAG 36,1427,46
orl-rat LD50:220 ug/kg PHRPA6 61,672,46
ipr-rat LD50:800 ug/kg JAPMA8 36,59,47
scu-rat LD50:5 mg/kg JAPMA8 36,59,47
orl-mus LD50:500 ug/kg JAPMA8 37,307,48
ipr-mus LD50:15 mg/kg JOCEAH 23,1567,58
scu-mus LDLo:7200 ug/kg NDRC** 30101,2,45
orl-dog LD50:66 ug/kg JPETAB 101,82,51
ivn-mky LD50:5 mg/kg AJPEAG 36,1427,46
orl-cat LD50:50 ug/kg JAPMA8 37,307,48
ipr-cat LD50:300 ug/kg AJPEAG 36,1427,46
scu-rbt LD50:281 ug/kg JPETAB 95,62,49
ivn-rbt LD95:500 ug/kg PAREAQ 1,383,49
orl-gpg LD66:400 ug/kg JAPMA8 36,59,47
ihl-gpg LC50:100 mg/m3/10M JCSOA9 -,1773,48
ipr-gpg LD50:378 ug/kg JPETAB 95,62,49
orl-pgn LD50:4 mg/kg TXAPA9 20,57,71
orl-ckn LD50:5 mg/kg JAPMA8 36,59,47
orl-qal LD50:18 mg/kg TXAPA9 20,57,71
orl-sql LD50:300 ug/kg JAPMA8 36,59,47
ipr-sql LD50:400 ug/kg JAPMA8 36,59,47
orl-dck LD50:4810 ug/kg TXAPA9 22,556,72
scu-frg LD50:1000 mg/kg AJPEAG 36,1427,46
3F12F13G10 orl-dom LD50:250 ug/kg AJVRAH 9,370,48
ipr-dom LD50:200 ug/kg AJPEAG 36,1427,46
ims-dom LD50:700 ug/kg AJPEAG 36,1427,46
orl-brd LD50:5 mg/kg JAPMA8 36,59,47

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IMSUAI 21,440,52; AMSSAQ 400,5,63; IMSUAI 19,535,50
★ TLV-TWA 50 ug/m3; STEL 150 ug/m3 (skin) DTLVS* 4,370,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug/m3 (skin) (SCP-U) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172,102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S301#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AH9275000 ACETIC ACID, FLUORO-, THALLIUM(I) SALT
UPDT:7901 CAS: 62905-90-8 MW: 281.41 MOLFM: C2-H2-F-O2-Tl
SYN: THALLIUM (I) FLUOROACETATE

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:10 mg/kg NCNSA6 5,7,53

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) FEREAC 39,23540,74

AH9680000 ACETIC ACID, 2-(3-FORMYL-4-HYDROXYPHENYL)HYDRAZIDE
UPDT:8312 CAS: 61172-47-7 MW: 194.21 MOLFM: C9-H10-N2-O3
SYN: RK 90 * XNTIBIOTIC RK 90

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:200 mg/kg 85GDA2 6,245,81

ACETIC ACID, GERANIOL ESTER see: RG5920000
ACETIC ACID, GLACIAL see: AF1225000
ACETIC ACID, GLACIAL (DOT) see: AF1225000
ACETIC ACID GOSSYPOL see: MD7360000
ACETIC ACID, 3-HEPTANOL ESTER see: AI1935000

AH9901000 ACETIC ACID, HEPTYL ESTER
UPDT:8305 CAS: 112-06-1 MW: 158.27 MOLFM: C9-H18-O2

SYN: ACETATE C-7 * HEPTANYL ACETATE * HEPTYL ACETATE * n-HEPTYL ACETATE * 1-HEPTYL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — FCTXAV 12,813,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID, 2,4-HEXADIEN-1-OL ESTER see: AI0350000

AI0350000 ACETIC ACID, 2,4-HEXADIENYL ESTER
UPDT:8307 CAS: 1516-17-2 MW: 140.20 MOLFM: C8-H12-O2
SYN: ACETIC ACID, 2,4-HEXADIEN-1-OL ESTER * 2,4-HEXADIEN-1-OL ACETATE (8CI, 9CI) * 2,4-HEXADIENYL ACETATE * SORBYL ACETATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4360 mg/kg — TXAPA9 28,313,74
* skn-rbt LD50:2520 mg/kg — TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AI0875000 ACETIC ACID, HEXYL ESTER
UPDT:8307 CAS: 142-92-7 MW: 144.24 MOLFM: C8-H16-O2
SYN: HEXYL ACETATE * n-HEXYL ACETATE * 1-HEXYL ACETATE * HEXYL ALCOHOL ACETATE * HEXYL ETHANOATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:42 gm/kg — TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AI0930000 ACETIC ACID, 2-(6-HEXYL-3-(2-METHYLTHIAZOL-4-YL)-4-OXO-4H-1-BENZOPYRAN-7-YLOXY)-, ETHYL ESTER
UPDT:8306 MW: 429.57 MOLFM: C23-H27-N-O5-S
SYN: 2-(6-HEXYL-3-(2-METHYLTHIAZOL-4-YL)-4-OXO-4H-1-BENZOPYRAN-7-YLOXY)ACETIC ACID ETHYL ESTER * 3-(2-METHYL-4-THIAZOLYL)-6-HEXYL-7-ETHOXYCARBONYLMETHOXYCHROMANONE

TOXICITY DATA AND REFERENCES:
1Y37 ipr-mus LD50:3000 mg/kg — PCJOAU 15,780,81

AI1225000 ACETIC ACID, HYDRAZIDE
UPDT:8412 CAS: 1068-57-1 MW: 74.10 MOLFM: C2-H6-N2-O
SYN: ACETHYDRAZIDE * ACETOHYDRAZIDE * ACETYL HYDRAZIDE * ACETYL HYDRAZINE * N-ACETYLHYDRAZINE * ENT-61241 * ETHANEHYDRAZONIC ACID * HYDRAZINE, ACETYL * MONOACETYLHYDRAZINE

MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate — IJEBA6 19,939,81
mma-sat 500 ug/plate — IJEBA6 19,939,81
mnt-mus-ipr 120 mg/kg — CALEDQ 23,235,84
dni-mus-ipr 150 mg/kg — IJEBA6 19,939,81

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:153 mg/kg — JPETAB 122,110,58

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AI1935000 ACETIC ACID, 3-HYDROXYHEPTYL ESTER
UPDT:8407 CAS: 39920-56-4 MW: 174.27 MOLFM: C9-H18-O3
SYN: ACETIC ACID 3-HEPTANOL ESTER

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AMIHBC 10,61,54
eye-rbt 500 mg open — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
orl-rat LD50:8350 mg/kg — AMIHBC 10,61,54

AI1980000 ACETIC ACID, (4-(4-HYDROXY-3-IODOPHENOXY)-3,5-DIIODOPHENYL)-, DIETHANOLAMINE SALT
UPDT:8312 CAS: 51-24-1 MW: 727.09 MOLFM: C14-H9-I3-O4 C4-H11-N-O2
SYN: DIETHANOLAMINE SALT of TRIIODOTHYROACETIC ACID * 14-(4-HYDROXY-3-IODOPHENOXY)-3,5-DIIODOPHENYL)ACETIC ACID DIETHANOLAMINE SALT * TRIAC * TRIIODOTHYROACETIC ACID DIETHANOLAMINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 ims-rat TDLo:4500 ug/kg (1-19D preg) — CVREAU 15,196,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AI2680000 ACETIC ACID, (p-HYDROXYPHENYL)-
UPDT:8401 CAS: 125-38-7 MW: 152.16 MOLFM: C8-H8-O3
SYN: BENZENEACETIC ACID, 4-HYDROXY- (9CI) * 4-HYDROXYBENZENEACETIC ACID * (p-HYDROXYPHENYL)ACETIC ACID * (4-HYDROXYPHENYL)ACETIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3500 mg/kg — FRPSAX 13,286,58

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AI2850000 ACETIC ACID, ((2-HYDROXYPROPENYL)THIO)-, ETHYL ESTER, DIMETHYLPHOSPHATE
UPDT:8309 CAS: 4195-96-4 MW: 284.29 MOLFM: C9-H17-O6-P-S
SYN: ACETIC ACID, ((2-((DIMETHOXYPHOSPHINYL)OXY)-1-PROPENYL)THIO)-, ETHYL ESTER * ENT 25,743 * ETHYL ((2-((DIMETHOXYPHOSPHINYL)OXY)-1-PROPENYL)THIO)ACETATE * SD-7300 * SHELL SD-7300

TOXICITY DATA AND REFERENCES:
orl-mus LD50:250 mg/kg — ARSIM* 20,19,66

AI2975000 ACETIC ACID, IMINODI-
UPDT:8305 CAS: 142-73-4 MW: 133.12 MOLFM: C4-H7-N-O4
SYN: AMINODIACETIC ACID * N-(CARBOXYMETHYL)GLYCINE * DIGLYCIN * DIGLYCINE * DIGLYBOROLL * GLYCINE, N-(CARBOXYMETHYL)- * HAMPSHIRE * IDA * IMINOBIS(ACETIC ACID) * IMINODIACETIC ACID * 2,2-IMINODIACETIC ACID * IMINODIETHANOIC ACID * USAF DO-55

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:250 mg/kg — NTIS** AD277-689

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AI3000000 ACETIC ACID, IMINODI-, SODIUM SALT, MONOHYDRATE
UPDT:8312 CAS: 31685-59-3 MW: 173.12 MOLFM: C4-H6-N-O4-Na-H2-O
SYN: SODIUM IMINODIACETATE MONOHYDRATE * USAF DO-24

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:300 mg/kg — NTIS** AD277-689

AI3120000 ACETIC ACID, (p-(2H-INDAZOL-2-YL)PHENYL)-
UPDT:8303 MW: 252.29 MOLFM: C15-H12-N2-O2
SYN: ACIDO (4-(2H-INDAZOL-2-IL)FENIL)ACETICO (Italian) * (p-(2H-INDAZOL-2-YL)PHENYL)ACETIC ACID * M-G 18749

TOXICITY DATA AND REFERENCES:
3F05F11F19 ipr-mus LD50:600 mg/kg — FRPSAX 36,1037,81

ACETIC ACID, INDOLYL- see: NI3150000

AI3325000 ACETIC ACID, 3-INDOLYL ESTER
UPDT:8309 CAS: 608-08-2 MF: C10-H9-N-O2 MW: 175.20 MOLFM: C10-H9-N-O2
SYN: 3-ACETOXYINDOLE * INDOLE 3-ACETATO * INDOL 3-OL ACETATE (ester) (8CI) * 1H-INDOL-3-OL ACETATE (ester) (9CI) * INDOXYLACETATE * INDOXYL-O-ACETATE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:600 mg/kg — NYKZAU 55,1514,59

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AI3500000 ACETIC ACID, IODO-
UPDT:8405 CAS: 64-69-7 MW: 185.95 MOLFM: C2-H3-I-O2
SYN: IA * IODOACETATE * IODOACETIC ACID * MIA * MONOIODOACETATE * MONOIODOACETIC ACID

MUTATION DATA AND REFERENCES:
cyt-smc 5 mg/L — NATUAS 294,263,81
dni-hmn-hla 500 umol/L — BAREAE 37,334,69
dni-mus-ast 2143 umol/L — JPMSAE 67,1235,78
cyt-ham-fbr 100 ug/L — CRNGDP 3,499,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ipr-mus TDLo:40 mg/kg (8D preg) — NCIMAV 2,41,60
1T43 ims-mus TDLo:20 mg/kg (13D preg) — TJADAB 7,177,73

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:5800 mg/kg/27W-I — BJCAAI 7,482,53
2V03V10 scu-mus TDLo:480 mg/kg/14W-I — GANNA2 45,601,54
3V03R60V10 skn-mus TD:480 mg/kg/8W-I — AICCA6 11,699,55

TOXICITY DATA AND REFERENCES:
scu-rat LD50:60 mg/kg — TXAPA9 26,93,73
orl-mus LD50:83 mg/kg — JPETAB 86,336,46
ivn-dog LD50:45 mg/kg — JNCIAM 31,297,63

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AI4025000 ACETIC ACID, ISOBUTYL ESTER
UPDT:8404 CAS: 110-19-0 MW: 116.18 MOLFM: C6-H12-O2
SYN: ACETATE D'ISOBUTYLE (French) * ACETIC ACID 2-METHYLPROPYL ESTER * ISOBUTYL ACETATE * ISOBUTYL ACETATE (DOT) * 2-METHYLPROPYL ACETATE * 2-METHYL-1-PROPYL ACETATE * beta-METHYLPROPYL ETHANOATE * UN 1213 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD — UCDS** 11/3/71
skn-rbt 500 mg/24H MOD — FCTXAV 16,795,78
eye-rbt 500 mg/24H MOD — FCTXAV 16,795,78

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:13400 mg/kg — AIHAAP 23,95,62
* ihl-rat LCLo:8000 ppm/4H — AIHAAP 23,95,62
orl-rbt LD50:4763 mg/kg — IMSUAI 41,31,72

REVIEW AND REFERENCES:
★ TLV-TWA 150 ppm; STEL 187 ppm — DTLVS* 4,234,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 150 ppm (SCP-D) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.: see: METHOD 1450
REPORTED IN EPA TSCA INVENTORY, 1983

AI4100000 ACETIC ACID, (ISOBUTYLNITROSOAMINO)METHYL ESTER
UPDT:8405 MW: 174.23 MOLFM: C7-H14-N2-O3
SYN: N-(ACETOXYMETHYL)-N-ISOBUTYLNITROSAMINE * N-ISOBUTYL-N-(ACETOXYMETHYL)NITROSAMINE * N-NITROSO-N-(ACETOXYMETHYL)-N-ISOBUTYLAMINE

MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate — GANNA2 70,663,79
mma-esc 25 umol/plate — GANNA2 70,663,79
dnr-bac 1 umol/plate — GANNA2 70,663,79

TUMORIGENIC DATA AND REFERENCES:
3V03J80V10 scu-rat TDLo:30 mg/kg/10W-I — JCROD7 104,13,82
3V01J80V10 scu-rat TD:60 mg/kg/10W-I — IAPUDO 41,619,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AI4200000 ACETIC ACID, (p-ISOBUTYLPHENYL)-
UPDT:8411 CAS: 1553-60-2 MW: 192.20 MOLFM: C12-H16-O2
SYN: BENZENEACETIC ACID, 4-(2-METHYLPROPYL)- (9CI) * DYTRANSIN * IBUFENAC * IBUNAC * Ip-ISOBUTYLPHENYL)ACETIC ACID * 4-ISOBUTYLPHENYLACETIC ACID * p-ISOBUTYL-alpha-TOLUIC ACID * ISODILAN * MEDIREX * 4-(2-METHYLPROPYL)BENZENEACETIC ACID * RS-1654

TOXICITY DATA AND REFERENCES:
1Y55 orl-rat LD50:3 gm/kg — OYYAA2 8,481,74
ipr-rat LD50:860 mg/kg — OYYAA2 2,22,68
* orl-mus LD50:1800 mg/kg — NATUAS 200,271,62
* ipr-mus LD50:670 mg/kg — OYYAA2 8,481,74
scu-mus LD50:1130 mg/kg — OYYAA2 2,22,68

ACETIC ACID, ISOPENTYL ESTER see: NS9800000

ACETIC ACID, ISOPROPYL- see: NY1400000

AI4728000 ACETIC ACID, (ISOPROPYLENEDINITRILO)TETRA-, ANTIMONY SODIUM SALT, DIHYDRATE
UPDT:8307 CAS: 65922-79-0 MW: 483.05 MOLFM: C11-H14-N2-O8-Sb-Na-2H2-O
SYN: ANTIMONY SODIUM PROPYLENE DIAMINE TETRAACETIC ACID DIHYDRATE * PDTA-Sb * Sb-57

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:62 mg/kg — JSINAV 13,789,64

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

AI4930000 ACETIC ACID, ISOPROPYL ESTER
UPDT:8407 CAS: 108-21-4 MW: 102.15 MOLFM: C5-H10-O2
SYN: ACETATE D'ISOPROPYLE (French) * ACETIC ACID 1-METHYLETHYL ESTER (9CI) * 2-ACETOXYPROPANE * ISOPROPILE (ACETATO DI) (Italian) * ISOPROPYLACETAAT (Dutch) * ISOPROPYLACETAT (German) * ISOPROPYL ACETATE * ISOPROPYL (ACETATE D') (French) * ISOPROPYL ACETATE (DOT) * 2-PROPYL ACETATE * UN 1220 (DOT)

IRRITATION DATA AND REFERENCES:
eye-hmn 200 ppm/15M — JIHTAB 28,262,46
eye-rbt 500 mg open — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
1J30 ihl-hmn TCLo:200 ppm — AMIHAB 21,28,60
1D25 unk-hmn TCLo:200 ppm — JIHTAB 28,262,46
orl-rat LD50:3000 mg/kg — 14CYAT 2,1879,63
* ihl-rat LCLo:32000 ppm/4H — AMIHBC 10,61,54
orl-rbt LD50:6946 mg/kg — IMSUAI 41,31,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,28,60
★ TLV-TWA 250 ppm; STEL 310 ppm — DTLVS* 4,238,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 250 ppm (SCP-E) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS: VOL 2 S50
NIOSH MANUAL OF ANALYTICAL METHODS: TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AI5000000 ACETIC ACID, 2-ISOPROPYL-5-METHYL-2-HEXEN-1-YL ESTER
UPDT:8305 CAS: 40853-56-9 MW: 199.34 MOLFM: C12-H22-O2
SYN: 2-HEXEN-1-OL, 2-ISOPROPYL-5-METHYL-, ACETATE * 4-HEXEN-1-OL, 5-METHYL-2-(1-METHYLETHYLIDENE)-, ACETATE, DIHYDRO deriv. * ISODIHYDRO LAVANDULYL ACETATE * 2-ISOPROPYL-5-METHYL-2-HEXEN-1-YL ACETATE * 5-METHYL-2-(1-METHYLETHYL)-2-HEXEN-1-YL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg 24H MLD — FCTXAV 14,321,76

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

AI5010000 ACETIC ACID, 2-(o-(((4-ISOPROPYL-2-METHYL-5-OXO-1-PHENYL-3-PYRAZOLIN-3-YL)METHYL)CARBAMOYL) PHENYL)-
UPDT 8312 CAS: 74512-62-2 MW: 395.50 MOLFM: C22 H25 N3 O4
SYN: AIA * ASPIRIN ISOPROPYLAMTIPYRINE * N-3-o-PROPYHENAZONYL 2 ACETOXYBENZAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3680 mg/kg CPBTAL 28,1237,80

AI5250000 ACETIC ACID, LEAD(2+) SALT
UPDT 8411 CAS: 301-04-2 MW: 325.29 MOLFM: C4 H6 O4 Pb
SYN: ACETATE DE PLOMB (French) * BLEIACETAT (German) * DIBASIC LEAD ACETATE * LEAD ACETATE * LEAD ACETATE (Pb(Ac)2) * LEAD ACETATE (Pb(O2C2H3)2) * LEAD(2+) ACETATE * LEAD(II) ACETATE * LEAD ACETATE (DOT) * LEAD DIACETATE * LEAD DIBASIC ACETATE * NORMAL LEAD ACETATE * PLUMBOUS ACETATE * RCRA WASTE NUMBER U144 * SALT OF SATURN * SUGAR OF LEAD * UN 1616 (DOT)
MUTATION DATA AND REFERENCES:
dnd-esc 50 umol/L MUREAV 89,95,81
cyt-hmn-lym 1 mmol/L/24H TXCYAC 10,67,78
otr-rat-emb 200 mg/L JJINDB 67,1303,81
dns-rat-ipr 50 ug/kg PSEBAA 143,446,73
dns-rat-par 5 mg/kg LAINAW 30,647,74
cyt-rat-orl 5000 ppm TKIZAM 82,232,74
otr-mus-fbr 800 ug/L JJINDB 67,1303,81
cyt-mus-orl 16800 mg/kg 4W JTEHD6 2,619,77
spm-mus-par 1 gm/kg ARTODN 46,159,80
spm-mus-ipr 400 mg/kg/5D-I CMMUAO 5,257,78
otr-ham-emb 1 mg/L JJINDB 67,1303,81
dns-ham-emb 200 umol/L MUREAV 131,173,84
cyt-mky-orl 5760 mg/kg/64W MUREAV 45,77,77
cyt-dom-orl 364 mg/kg 52W-C NICKA3 52,619,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T01T03T04 orl-rat TDLo:600 ug/kg (30D male) AJOGAH 115,1058,73
1T85 orl-rat TDLo:97 mg/kg (5W male/5W pre-3W post) EVHPAZ 12,119,75
1T14 orl-rat TDLo:750 ug/kg (30D pre) AJOGAH 115,1058,73
1T83 orl-rat TDLo:1800 mg/kg (1-22D preg/14D post) IOLED5 7,373,81
1T81 orl-rat TDLo:460 mg/kg (49D pre-21D post) EVHPAZ 17,290,76
2T48T87 orl-rat TDLo:230 mg/kg (49D pre-21D post) CEXIAL 35,413,79
1T25 orl-rat TDLo:1950 mg/kg (6-18D preg) TJADAB 26,229,82
2T32T34 orl-rat TDLo:1413 mg/kg (1-18D preg) ENVRAL 30,152,83
3T25T35T42 ipr-rat TDLo:25 mg/kg (9D preg) FOMOAJ 33,23,74
1T34 orl-mus TDLo:236 mg/kg (7-16D preg) ARTODN 41,125,78
1T24 orl-mus TDLo:4800 mg/kg (1-8D preg) CRSBAW 172,1007,78
1T27 orl-mus TDLo:9 gm/kg (7-21D preg) CRSBAW 170,1319,76
1T48 orl-mus TDLo:259 mg/kg (7-17D preg) ARTODN 41,125,78
3T34T35T46 ipr-mus TDLo:35 mg/kg (8D preg) BIMDB3 30,223,79
3T34T35T43 ivn-mus TDLo:100 mg/kg (11D preg) TJADAB 26(11),134,82
1T25 ivn-mus TDLo:200 mg/kg (7-8D preg) TJADAB 24(1),184,81
1T85 orl-mky TDLo:765 mg/kg (90D pre/1-23W preg) NTOTDY 5,391,83
3T46T41T42 ivn-ham TDLo:50 mg/kg (8D preg) EXMPA6 7,208,67
2T25T46 ivn-ham TDLo:25 mg/kg (8D preg) ANREAK 157,358,67
2T01T02 itt-dom TDLo:10 mg/kg (1D male) IJEBA6 11,143,73
TUMORIGENIC DATA AND REFERENCES:
3V02J60N61 orl-rat TDLo:900 mg/kg/60D-C ENVRAL 24,391,81
2V03M61 orl-rat TD:250 gm/kg/47W-C BJCAAI 16,283,62
3V03A60N60 orl-rat TD:2430 mg/kg/23W-C ENVRAL 24,391,81
3V03J60N61 orl-rat TD:4605 mg/kg/44W-C ENVRAL 24,391,81
3V02N60N62 orl-rat TD:7560 mg/kg/72W-C ENVRAL 24,391,81
2V02M61 orl-rat TD:9150 mg/kg/44W-C AJPAA4 50,571,67
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:204 mg/kg JPETAB 38,161,30
ipr-mus LD50:120 mg/kg COREAF 256,1043,63
orl-dog LDLo:300 mg/kg HBAMAK 4,1289,35
scu-dog LDLo:80 mg/kg HBAMAK 4,1289,35
ivn-dog LDLo:300 mg/kg EQSSDX 1,1,75
scu-cat LDLo:100 mg/kg HBAMAK 4,1289,35
scu-rbt LDLo:300 mg/kg HBAMAK 4,1289,35
ivn-rbt LDLo:50 mg/kg EQSSDX 1,1,75
* ipr-pgn LDLo:150 mg/kg ARTODN 46,265,80
scu-frg LDLo:1600 mg/kg HBAMAK 4,1289,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADTEAS 5,51,72; ENVRAL 13,36,77; BSDHAX Pb,256,72; NUREAB 38,12F,80
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 23,325,80
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 23,325,80
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,40,72
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Pb)/m3 (SCP-O) FEREAC 29,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172,101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172,102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, LEAD(+2) SALT TRIHYDRATE see: OF8050000

ACETIC ACID LINALOOL ESTER see: RG5910000

AI5770000 ACETIC ACID, MANGANESE(II) SALT (2:1)
UPDT 8307 CAS: 638-38-0 MW: 173.04 MOLFM: C4 H6 O4 Mn
SYN: DIACETYLMANGANESE * MANGANESE ACETATE * MANGANESE(2+) ACETATE * MANGANESE ACETATE (Mn(OAc)2) * MANGANESE DIACETATE * MANGANOUS ACETATE * OCTAN MANGANATY (Czech)
MUTATION DATA AND REFERENCES:
dnr-bcs 50 mmol/L MUREAV 31,185,75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2940 mg/kg MarJV# 29MAR77
REVIEW AND REFERENCES:
★ TLV-CL 5 mg(Mn)/m3 DTLVS* 4,250,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AI5775000 ACETIC ACID, MANGANESE(2+) SALT, TETRAHYDRATE
UPDT 8010 CAS: 6156-78-1 MW: 245.12 MOLFM: C4 H6 O4 Mn 4H2 O
SYN: MANGANESE ACETATE TETRAHYDRATE * MANGANESE(II) ACETATE TETRAHYDRATE * MANGANESE DIACETATE TETRAHYDRATE * MANGANOUS ACETATE TETRAHYDRATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3730 mg/kg AIHAAP 30,470,69
REVIEW AND REFERENCES:
★ TLV-CL 5 mg(Mn)/m3 DTLVS* 4,250,80

ACETIC ACID, p-MENTHAN-8-OL ESTER see: OS9540000

AI5850000 ACETIC ACID, p-MENTH-3-YL ESTER, dl-
UPDT 8305 CAS: 16409-45-3 MW: 198.34 MOLFM: C12 H22 O2
SYN: CYCLOHEXANOL 5-METHYL-2-(1-METHYLETHYL)-, ACETATE (8CI) * MENTHOL ACETATE (8CI) * MENTHYL ACETATE * dl-MENTHYL ACETATE * MENTHYL ACETATE RACEMIC
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,479,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7620 mg/kg FCTXAV 14,477,76

AI5900000 ACETIC ACID, p-MENTH-3-YL ESTER, l-
UPDT 8305 CAS: 2623-23-6 MW: 182.34 MOLFM: C12 H22 O2
SYN: CYCLOHEXANOL 5-METHYL-2-(1-METHYLETHYL)-, ACETATE, (1R (1alpha,2beta,5alpha))- (9CI) * MENTHOL ACETATE (1R,3R,4S)-(-)- (8CI) * (-)-MENTHYL ACETATE * L-MENTHYL ACETATE * l-p-MENTH-3-YL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,477,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AI5950000 ACETIC ACID, MERCAPTO-
UPDT 8411 CAS: 68-11-1 MW: 92.12 MOLFM: C2 H4 O2 S
SYN: ACIDE THIOGLYCOLIQUE (French) * GLYCOLIC ACID, THIO- * GLYCOLIC ACID 2-THIO- * MERCAPTOACETIC ACID * alpha-MERCAPTOACETIC ACID * 2-MERCAPTOACETIC ACID * THIOGLYCOLIC ACID * 2-THIOGLYCOLIC ACID * THIOGLYCOLIC ACID (DOT) * THIOGLYCOLLIC ACID * THIOVANIC ACID * UN 1940 (DOT) * USAF CB-35
IRRITATION DATA AND REFERENCES:
skn-hmn 3% INMEAF 15,669,46
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:120 mg/kg GTPZAB 13(11),48,69
orl-mus LD50:250 mg/kg GTPZAB 13(4),48,69
* ipr-mus LD50:138 mg/kg ARZNAD 31,1713,81
scu-mus LDLo:1000 mg/kg AIPTAK 12,447,04
* ivn-mus LD50:178 mg/kg CSLNX* NX#00621
orl-rbt LD50:126 mg/kg 34ZIAG -,586,69
skn-rbt LDLo:300 mg/kg GTPZAB 13(11),48,69
orl-gpg LD50:126 mg/kg 34ZIAG -,586,69
REVIEW AND REFERENCES:
★ TLV-TWA 1 ppm (skin) DTLVS* 4,397,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172,101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AI6199900 ACETIC ACID, MERCAPTO-, p-CARBAMOYLDITHIOBENZENEARSONITE (2:1)
UPDT 8405 CAS: 531-72-6 MW: 377.28 MOLFM: C11 H12 As N O5 S2
SYN: (((4-(AMINOCARBONYL)PHENYL)ARSINIDINE)BIS(THIO))BIACETIC ACID * ACETIC ACID, 2,2'-(((4-(AMINOCARBONYL)PHENYL)ARSINIDENE)BIS(THIO))BIS-, (9CI) * ARSENAMIDE * p-(BIS(CARBOXYMETHYLMERCAPTO)ARSINO)BENZAMIDE * BIS(CARBOXYMETHYLMERCAPTO)(p-CARBAMYLPHENYL) ARSINE * CAPARSIDE * CAPARSOLATE * 4-CARBAMYLPHENYL BIS(CARBOXYMETHYLTHIO)ARSENITE * DITHIOGLYCOLYL p-ARSENOBENZAMIDE * THIACETARSAMIDE * THIOACETARAMIDE * THIOARSENITE
MUTATION DATA AND REFERENCES:
dnr-esc 16 ug/well ENMUDM 3,429,81

AI6200000 ACETIC ACID, MERCAPTO-, p-CARBAMOYLDITHIOBENZENEARSONITE (2:1), DISODIUM SALT
UPDT 8307 CAS: 14433-82-0 MW: 421.24 MOLFM: C11 H10 As N O5 S2 2Na
SYN: ACETIC ACID, 2,2'-((4-(AMINOCARBONYL)PHENYL)ARSINIDENE)BIS(THIO) BIS-, DISODIUM SALT * CAPARSOLATE * SODIUM THIACETARSAMIDE * TAA * THIACETARSAMIDE SODIUM
MUTATION DATA AND REFERENCES:
dni-esc 15600 ng/plate ENMUDM 1,165,79
msc-mus-lym 50 mg/L ENMUDM 1,165,79
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

AI6500000 ACETIC ACID, MERCAPTO-, DIESTER with DITHIO-p-UREIDOBENZENEARSONOUS ACID
UPDT 8010 CAS: 120-02-5 MW: 392.30 MOLFM: C11 H13 As N2 O5 S2
SYN: ACETIC ACID, 2,2'-((4-((AMINOCARBONYL)AMINO)PHENYL)ARSINIDENE)BIS(THIO)BIS-, * ACETIC ACID, (p-CARBAMOYLAMINO)PHENYLARSINOBIS(2-THIO-* ARSINE BIS(CARBOXYMETHYLTHIO)(p-UREIDOPHENYL)- * BENZENEARSONOUS ACID, DITHIO-p-UREIDO-, DIESTER with MERCAPTOACETIC ACID * BIS(CARBOXYMETHYLMERCAPTO)(p-UREIDOPHENYL)ARSINE * 4-CARBAMIDOPHENYL BIS(CARBOXYMETHYLTHIO)ARSENITE * CC 914 * C.C. No. 914 * CHEMOTHERAPY CENTER NO. 914 * MERCAPTOACETIC ACID DIESTER with DITHIO-p-UREIDOBENZENEARSONOUS ACID * PHENYL UREA p-DI(CARBOXYMETHYL) THIOARSENITE * THIOCARBARSONE * (p-UREIDOPHENYLARSYLENEDITHIO)DIACETIC ACID
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg JPETAB 91,112,47
ipr-rat LD50:75 mg/kg JPETAB 91,112,47
ivn-rat LD50:29 mg/kg JPETAB 91,112,47
ipr-mus LD50:100 mg/kg JPETAB 91,112,47
ivn-mus LD50:43 mg/kg JPETAB 91,112,47
ivn-rbt LDLo:100 mg/kg JPETAB 91,112,47
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

AI6825000 ACETIC ACID, MERCAPTO-, ETHYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT 8310 CAS: 919-54-0 MW: 272.34 MOLFM: C8 H17 O4 P S2
SYN: ACETHION * ACETHIONE * ACETIC ACID, ((DIETHOXYPHOSPHINOTHIOYL)THIO)-, ETHYL ESTER (9CI) * O,O-DIETHYL S-CARBOETHOXYMETHYL DITHIOPHOSPHATE * O,O-DIETHYL S-CARBOETHOXYMETHYL PHOSPHORODITHIOATE * ENT 25650 * ETHOXYPHAS * ETHOXYPHOS * ETHYL ((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETATE * HERCULES 4580 * PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER, S-ESTER with ETHYL MERCAPTOACETATE
TOXICITY DATA AND REFERENCES:
unk-rat LD50:1050 mg/kg 30ZDA9 -,359,71
orl-mus LD50:1200 mg/kg ARSIM* 20,12,66
ipr-mus LD50:1280 mg/kg JEENAI 51,714,58

AI7250000 ACETIC ACID, MERCAPTO-, ETHYL ESTER, PROPYL METHYLPHOSPHONOTHIOATE
UPDT 8309 CAS: 63906-39-8 MW: 272.40 MOLFM: C8 H17 O2 P S3
SYN: ACETIC ACID, ((METHYL(PROPYLTHIO)PHOSPHINOTHIOYL)THIO)ETHYL ESTER * ENT 27 187 * ETHYL ((METHYL(PROPYLTHIO)PHOSPHINOTHIOYL)THIO)ACETATE * MOBIL VC 3-786 * V-C 3-786 * V-C CHEMICAL V-C 3-786 * VIRGINIA CAROLINA 3-786
TOXICITY DATA AND REFERENCES:
orl-rat LD50:215 mg/kg ARSIM* 20,26,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AI7260000 ACETIC ACID, 2-((2-MERCAPTOETHYL)THIO)-, ETHYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT 8411 MW: 332.46 MOLFM: C10 H21 O4 P S3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:290 mg/kg KSKZAN 16,13,78

AI7270000 ACETIC ACID, 2-((2-MERCAPTOMETHYL)THIO)-, ISOPROPYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT 8412 MW: 346.49 MOLFM: C11 H23 O4 P S3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:200 mg/kg KSKZAN 16,13,78

BEST COPY AVAILABLE

AI7280000 ACETIC ACID, 2-((2-MERCAPTOETHYL)THIO)-, METHYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT 8411 MW: 318.43 MOLFM: C9-H19-O4-P-S3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:220 mg/kg KSKZAN 16,13,78
AI7290000 ACETIC ACID, 2-((2-MERCAPTOETHYL)THIO)-, METHYL ESTER, S-ESTER with DIETHYL PHOSPHOROTHIOATE
UPDT 8411 MW: 302.37 MOLFM: C9-H19-O3-P-S2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:25 mg/kg KSKZAN 16,13,78
AI7300000 ACETIC ACID, MERCAPTO-, ISOOCTYL ESTER
UPDT 8402 CAS: 25103-09-7 MW: 204.36 MOLFM: C10-H20-O2-S
SYN: ISOOCTYL MERCAPTOACETATE * ISOOCTYL THIOGLYCOLATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:348 mg/kg TRIPA7 -,1,73
* orl-rbt LDLo:1200 mg/kg JEENAI 48,139,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AI7461000 ACETIC ACID, 2-((MERCAPTOMETHYL)THIO)-, ETHYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT 8411 MW: 318.43 MOLFM: C9-H19-O4-P-S3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:350 mg/kg KSKZAN 16,13,78
AI7462000 ACETIC ACID, 2-((MERCAPTOMETHYL)THIO)-, ETHYL ESTER, S-ESTER with DIETHYL PHOSPHOROTHIOATE
UPDT 8411 MW: 302.37 MOLFM: C9-H19-O3-P-S2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg KSKZAN 16,13,78
AI7471000 ACETIC ACID, 2-((MERCAPTOMETHYL)THIO)-, ISOPROPYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT 8412 MW: 332.46 MOLFM: C10-H21-O4-P-S3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:175 mg/kg KSKZAN 16,13,78
AI7474000 ACETIC ACID, 2-((MERCAPTOMETHYL)THIO)-, METHYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT 8411 MW: 304.40 MOLFM: C8-H17-O4-P-S3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:550 mg/kg KSKZAN 16,13,78
AI7475000 ACETIC ACID, 2-((MERCAPTOMETHYL)THIO)-, METHYL ESTER, S-ESTER with DIETHYL PHOSPHOROTHIOATE
UPDT 8411 MW: 288.34 MOLFM: C8-H17-O3-P-S2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:30 mg/kg KSKZAN 16,13,78
AI7875000 ACETIC ACID, MERCAPTOPHENYL-, ETHYL ESTER, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE
UPDT 8309 CAS: 2597-03-7 MW: 320.38 MOLFM: C12-H17-O4-P-S2
SYN: ACETIC ACID, (O,O-DIMETHYLDITHIOPHOSPHORYL)PHENYL-, ETHYL ESTER * AIMSAN * BAY 33051 * BAYER 18510 * BENZENEACETIC ACID, alpha-((DIMETHOXYPHOSPHINOTHIOYL)THIO)-, ETHYL ESTER * CIDEMUL * CIDIAL * DIMEPHENTHIOATE * DIMEPHENTHOATE * DIMETHENTHOATE * O,O-DIMETHYL S-(1-CARBOETHOXYBENZYL) DITHIOPHOSPHATE * O,O-DIMETHYL S-alpha-ETHOXYCARBONYLBENZYL PHOSPHORODITHIOATE * O,O-DIMETHYL S-(PHENYLACETIC ACID ETHYL ESTER) PHOSPHORODITHIOATE * O,O-DIMETHYL S-(PHENYL(1-CARBOETHOXY)METHYL PHOSPHORODITHIOATE * (DIMETHYL S-(PHENYLETHOXYCARBONYLMETHYL)PHOSPHOROTHIOLOTHIONATE) * EJSAN * ENT 23,438 * ENT 27386 * ENT 27386GC * S-alpha ETHOXYCARBONYLBENZYL O,O-DIMETHYL PHOSPHORODITHIOATE * S-alpha-ETHOXYCARBONYLBENZYL DIMETHYL PHOSPHOROTHIOLOTHIONATE * ETHYL alpha-((DIMETHOXYPHOSPHENOTHIOYL)THIO)BENZENEACETATE * ETHYL O,O-DIMETHYL PHOSPHORODITHIOYLPHENYL ACETATE * ETHYL ESTER of O,O-DIMETHYLDITHIOPHOSPHORYL-alpha-PHENYL ACETATE ACID * ETHYL MERCAPTOPHENYLACETATE O,O-DIMETHYLPHOSPHORODITHIOATE * FENTHOATE * L-561 * MONTECATINI L-561 * NSC 190978 * OMS 1075 * PAP * PAPTHION * PHENDAL * PHENTHOATE * ROGODIAL * S 2940 * TANONE * TH 346-1 * TSIDIAL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg WRPCA2 9,119,70
skn-rat LD50:700 mg/kg WRPCA2 9,119,70
unk-rat LD50:250 mg/kg 30ZDA9 -,374,71
orl-mus LD50:150 mg/kg GUCHAZ 6,207,73
skn-mus LD50:2620 mg/kg GUCHAZ 6,217,73
orl-dog LD50:500 mg/kg SPEADM 74-1,-,74
orl-rbt LD50:72 mg/kg GUCHAZ 6,207,73
orl-gpg LD50:400 mg/kg B5DPAN -,,71/76
orl-ckn LD50:36600 ug/kg TXAPA9 6,147,64
orl-qal LD50:300 mg/kg GUCHAZ 6,207,73
orl-brd LD50:218 mg/kg GUCHAZ 6,207,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AI8570000 ACETIC ACID, MERCURY (1+) SALT
UPDT 8308 CAS: 631-60-7 MW: 259.64 MOLFM: C2-H3-O2-Hg
SYN: MERCUROUS ACETATE * MERCUROUS ACETATE, SOLID (DOT) * MERCURY ACETATE (HgOAc) * MERCURY MONOACETATE * UN 1629 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
AI8575000 ACETIC ACID, MERCURY(2+) SALT
UPDT 8309 CAS: 1600-27-7 MW: 318.69 MOLFM: C4-H6-O4-Hg
SYN: BIS(ACETYLOXY)MERCURY * DIACETOXYMERCURY * MERCURIACETATE * MERCURIC ACETATE * MERCURIC ACETATE (DOT) * MERCURIC DIACETATE * MERCURY ACETATE * MERCURY ACETATE (Hg(O2C2H3)2) * MERCURY(2+) ACETATE * MERCURY(II) ACETATE * MERCURY DIACETATE * MERCURYL ACETATE * UN 1629 (DOT)
MUTATION DATA AND REFERENCES:
oms-mus-oth 50 mg/L MUREAV 17,93,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-ham TDLo:8 mg/kg (8D preg) ENVRAL 8,207,74
1T59 orl-ham TDLo:25 mg/kg (8D preg) ENVRAL 8,207,74
2T25T26 orl-ham TDLo:35 mg/kg (8D preg) ENVRAL 8,207,74
1T55 orl-ham TDLo:50 mg/kg (8D preg) ENVRAL 8,207,74
3T25T34T59 ipr-ham TDLo:2 mg/kg (8D preg) ENVRAL 8,207,74
2T25T45 scu-ham TDLo:8 mg/kg (8D preg) ENVRAL 8,207,74
1T55 scu-ham TDLo:8 mg/kg (8D preg) ENVRAL 8,207,74
1T34 scu-ham TDLo:4 mg/kg (8D preg) ENVRAL 8,207,74
3T41T43T47 scu-ham TDLo:15 mg/kg (9D preg) BECTA6 25,726,80
3T25T34T55 ivn-ham TDLo:2 mg/kg (8D preg) LSBGAY 10,1341,71
2T41T46 ivn-ham TDLo:4 mg/kg (8D preg) ENVRAL 6,95,73
1T59 ivn-ham TDLo:4 mg/kg (8D preg) ENVRAL 8,207,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:40900 ug/kg GISAAA 46(8),12,81
* orl-mus LD50:23900 ug/kg GISAAA 46(8),12,81
scu-mus LDLo:20 mg/kg MOLAAF 73,751,39
ivn-mus LD50:4390 ug/kg NYKZAU 57,219,61
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJOGAH 126(3),390,76
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AI8650000 ACETIC ACID, METHOXY-
UPDT 8408 CAS: 625-45-6 MW: 90.09 MOLFM: C3-H6-O3
SYN: METHOXYACETIC ACID * 2-METHOXYACETIC ACID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:2368 mg/kg (4D male) TXAPA9 69,385,83
1T46 orl-rat TDLo:1 gm/kg (12D preg) TJADAB 29(2),54A,84
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:2 gm/kg FAATDF 2,158,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AI8680000 ACETIC ACID, METHOXY-, APORPHINE-10,11-DIYL ESTER, TARTRATE
UPDT 8312 CAS: 61289-42-2 MW: 561.59 MOLFM: C23-H25-N-O6 C4-H6-O6
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:63 mg/kg JPMSAE 65,1682,76
ACETIC ACID, 3-METHOXYBUTYL ESTER see: EL4725000
AI8800000 ACETIC ACID, 2-(2-(2-METHOXYETHOXY)ETHOXY)ETHYL ESTER
UPDT 8407 CAS: 3610-27-3 MW: 206.27 MOLFM: C9-H18-O5
SYN: ETHANOL, 2-(2-(2-METHOXYETHOXY)ETHOXY)-, ACETATE (8CI,9CI) * METHOXYTRIGLYCOL ACETATE
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:11 gm/kg AMIHBC 10,61,54
* skn-rbt LD50:8000 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
AI8960000 ACETIC ACID, p-METHOXYPHENYL-
UPDT 8401 CAS: 104-01-8 MW: 166.19 MOLFM: C9-H10-O3
SYN: 2-(p-ANISYL)ACETIC ACID * ANISYL FORMATE * BENZENEACETIC ACID, 4-METHOXY- (9CI) * HOMOANISIC ACID * 4-METHOXYBENZENEACETIC ACID * p-METHOXYBENZYL FORMATE * p-METHOXYPHENYLACETIC ACID * 4-METHOXYPHENYLACETIC ACID * MOPA
TUMORIGENIC DATA AND REFERENCES:
2V02J60 orl-mus TDLo:63 gm/kg/78W-I NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1550 mg/kg FCTXAV 14,685,76
ipr-mus LD50:504 mg/kg JMCMAR 20,709,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AI8967500 ACETIC ACID, 2-(p-(4-METHOXYSALICYLOYL)PHENOXY)-, ETHYL ESTER
UPDT 8411 MW: 330.36 MOLFM: C18-H18-O6
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-ham TDLo:175 mg/kg (1-7D preg) IJEBA6 17,1317,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETIC ACID, 2-METHYLAMYL ESTER see: AI9300000
AI8987000 ACETIC ACID, (5((3-METHYL-2-BUTENYL)OXY)-2-(3-(4-((3-METHYL-2-BUTENYL)OXY)PHENYL)-1-OXO-2- PROPENYL)PHENOXY)-
UPDT 8405 CAS: 64506-49-6 MW: 450.57 MOLFM: C27-H30-O6
SYN: 2'-CARBOXYMETHOXY-4,4'-BIS(3-METHYL-2-BUTENYLOXY)CHALCONE * ISOPRENYL CHALCONE * SOLON * SU-88
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T46T87 orl-rat TDLo:5500 mg/kg (7-17D preg) OYYAA2 19,525,80
1T81 orl-rat TDLo:1375 mg/kg (7-17D preg) OYYAA2 19,525,80
1T46 orl-rat TDLo:810 mg/kg (60D male/14D pre-7D preg) OYYAA2 19,515,80
3T72T73T86 orl-rat TDLo:270 mg/kg (17-22D preg/21D post) OYYAA2 19,543,80
1T34 orl-rbt TDLo:6300 mg/kg (6-18D preg) OYYAA2 19,537,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AI9050000 ACETIC ACID, (3,4-METHYLENEDIOXY)BENZYL ESTER
UPDT 8305 CAS: 326-61-4 MW: 194.20 MOLFM: C10-H10-O4
SYN: HELIOTROPYL ACETATE * 3,4-METHYLENEDIOXYBENZYL ACETATE * PIPERONYL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,973,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2100 mg/kg FCTXAV 12,973,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
AI9100000 ACETIC ACID, METHYL ESTER
UPDT 8404 CAS: 79-20-9 MW: 74.09 MOLFM: C3-H6-O2
SYN: ACETATE DE METHYLE (French) * DEVOTON * METHYLACETAAT (Dutch) * METHYLACETAT (German) * METHYL ACETATE * METHYL ACETATE (DOT) * METHYLE (ACETATE DE) (French) * METHYLESTER KISELINY OCTOVE (Czech) * METHYL ETHANOATE * METILE (ACETATO DI) (Italian) * OCTAN METYLU (Polish) * TERETON * UN 1231 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 17,859,79
eye-rbt 100 mg/24H SEV 28ZPAK -,44,72
TOXICITY DATA AND REFERENCES:
3D17J21J30 ihl-hmn TCLo:15000 mg/m3 AGGHAR 5,1,33
orl-rat LD50:6970 mg/kg AIHAAP 23,95,62
ihl-rat LCLo:32000 ppm/4H AIHAAP 23,95,62
scu-rat LDLo:8000 mg/kg BSIBAC 18,45,43
ihl-mus LCLo:34000 mg/m3/216M AGGHAR 5,1,33
ihl-cat LCLo:67000 mg/m3/1H AGGHAR 5,1,33
scu-cat LDLo:3000 mg/kg AGGHAR 5,1,33
orl-rbt LD50:3705 mg/kg IMSUAI 41,31,72
idu-rbt LD50:3700 mg/kg FCTXAV 17,859,79
scu-gpg LDLo:3000 mg/kg AGGHAR 5,1,33
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,28,60
★ TLV-TWA 200 ppm; STEL 250 ppm DTLVS* 4,260,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm (SCP-D) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS VOL 2 S42

BEST COPY AVAILABLE

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0378-0114
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, 1-METHYLETHYL ESTER (9CI) see: AI4930000

AI9102500 ACETIC ACID, 1-METHYLHYDRAZIDE
UPDT 8302 CAS: 3530-13-0 MW: 74.12 MOLFM: C3-H8-N-O
SYN: 1-METHYL-1-ACETYLHYDRAZID (German)

TOXICITY DATA AND REFERENCES:
unk-rat LD50:160 mg/kg ARZNAD 20,363,70

ACETIC ACID, 2-METHYL-6-METHYLENE-7-OCTEN-2-YL ESTER see: RH3585000

AI9112000 ACETIC ACID, (METHYLNITRAMINO)METHYL ESTER
UPDT 8403 MW: 148.14 MOLFM: C4-H8-N2-O4
SYN: ACETOXYMETHYL-METHYLNITRAMINE

MUTATION DATA AND REFERENCES:
mma-sat 1 mmol/L CRNGDP 4,1477,83

AI9115000 ACETIC ACID, ((6-METHYL-4-MORPHOLINO-2-PYRIMIDINYL)THIO)-, HYDRAZIDE
UPDT 8311 MW: 283.39 MOLFM: C11-H17-N5-O2-S
SYN: ((6-METHYL-4-MORPHOLINO-2-PYRIMIDINYL)THIO)ACETIC ACID HYDRAZIDE

TOXICITY DATA AND REFERENCES:
scu-mus LD50:450 mg/kg PCJOAU 16,595,82
1P30 scu-mam LD50:450 mg/kg RPTOAN 45,215,82

AI9120000 ACETIC ACID, (METHYLNITROAMINO)METHYL ESTER
UPDT 8411 MW: 148.14 MOLFM: C4-H8-N2-O4

MUTATION DATA AND REFERENCES:
mma-sat 750 nmol/plate CRNGDP 5,809,84

AI9150000 ACETIC ACID, METHYLNITROSAMINOMETHYL ESTER
UPDT 8412 CAS: 56856-83-8 MW: 132.14 MOLFM: C4-H8-N2-O3
SYN: alpha-ACETOXY DIMETHYLNITROSAMINE * ACETOXYMETHYL-METHYL-NITROSAMIN (German) * ACETOXYMETHYL METHYLNITROSAMINE * N-alpha ACETOXYMETHYL-N-METHYLNITROSAMINE * 1-ACETOXY-N-NITROSODIMETHYLAMINE * AMMN * AMN (German) * DIMETHYLAMINE, 1-ACETOXY-N-NITROSO- * DMN-OAC * MAMN * METHYL(ACETOXYMETHYL)NITROSAMINE * METHYLAMINE, N-ACETOXYMETHYL-N-NITROSO- * N-NITROSO-N-(ACETOXYMETHYL)-N-METHYLAMINE * N-NITROSO-N-METHYL-N-ACETOXYMETHYLAMINE

MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate GANNA2 70,663,79
mmo-esc 25 umol/plate GANNA2 70,663,79
dnr-bcs 500 nmol/plate GANNA2 70,663,79
oms-omi 3 mmol/L CBINA8 14,1,76
slt-dmg-par 100 umol/L CNREA8 35,3780,75
cyt-dmg-par 100 umol/L CNREA8 35,3780,75
sla-dmg-par 100 umol/L CBINA8 14,21,76
cyt-hmn-hla 10 umol/L TXCYAC 9,21,78
dnd-rat-ipr 13 mg/kg CRNGDP 4,967,83
dnd-mus-fbr 5100 nmol/L GANNA2 73,565,82
msc-ham:lng 100 umol/L GANNA2 72,531,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ipr-mus TDLo:6 mg/kg (11D preg) ARTODN 52,45,83
2T34T43 ipr-mus TDLo:10 mg/kg (11D preg) ARTODN 52,45,83
1T34 ivn-mus TDLo:10 mg/kg (11D preg) ARTODN 52,45,83

TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:13 mg/kg JJIND8 63,93,79
3V03D09J60 ihl-rat TCLo:2600 ug/m3/5H/7W-I TXCYAC 27,139,83
3V01C60K60 ipr-rat TDLo:13 mg/kg JJIND8 63,93,79
3V01J60V10 scu-rat TDLo:50 mg/kg/10W-I JCROD7 104,13,82
3V03D45J60 ivn-rat TDLo:13 mg/kg JJIND8 63,93,79
3V01K61V10 rec-rat TDLo:112 mg/kg/16W-I ZKKOBW 92,105,78
3V03K61T64 rec-rat TDLo:12 mg/kg/46W-I HEGAD4 30,30,83
2V03K60 orl-rat TD :60 mg/kg/90D-I ZKKOBW 91,317,78
3V01K60K61 ipr-rat TD :13 mg/kg CNREA8 39,1462,79
2V01K60 orl-rat TD :70 mg/kg/20W-I ZKKOBW 85,47,76
3V01J60V10 scu-rat TD :50 mg/kg/10W-I IAPUDO 41,619,82
3V03G60J60 ivn-rat TD :90 mg/kg/37W-I ZKKOBW 91,217,78
3V03K60K61 ipr-rat TD :13 mg/kg PAACA3 16,32,75
2V02K60 ipr-rat TD :13 mg/kg JNCIAM 58,1531,77
2V02T61 ipr-rat TD :13 mg/kg VTPHAK 16,574,79
3V03G60J60 ivn-rat TD :306 mg/kg/10W-I ONCOBS 38,18,81
2V03K60 rec-rat TD :20 mg/kg/10W-I JCROD7 104,115,82

TOXICITY DATA AND REFERENCES:
3J16K06L03 orl-rat LD50:130 mg/kg ONCOBS 38,18,81
ipr-rat LD50:25 mg/kg JNCIAM 58,1531,77
scu-rat LD50:25 mg/kg ZKKOBW 91,217,78
ivn-rat LD50:25 mg/kg ZKKOBW 91,217,78
rec-rat LD50:24 mg/kg ZKKOBW 91,217,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AI9155000 ACETIC ACID, METHYLNITROSAMINOMETHYL-d3 ESTER
UPDT 8401 CAS: 67557-57-7 MW: 135.14 MOLFM: C4-H5-D3-N2-O3
SYN: ACETOXYMETHYLTRIDEUTEROMETHYLNITROSAMINE * METHYLAMINE, 1-ACETOXY-N-NITROSO-N-TRIDEUTEROMETHYL * NITROSO-N-(3-ACETOXYMETHYL)TRIDEUTEROMETHYLAMINE * TRIDEUTEROMETHYL ACETOXYMETHYLNITROSAMINE

TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:51 mg/kg/90D-I ZKKOBW 91,317,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:120 mg/kg ZKKOBW 91,317,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AI9160000 ACETIC ACID, (3-METHYL-4-OXO-5-PIPERIDINO-2-THIAZOLIDINYLIDENE)-, ETHYL ESTER
UPDT 8408 CAS: 73-09-6 MW: 284.41 MOLFM: C13-H20-N2-O3-S
SYN: ACETIC ACID (3-METHYL-4-OXO-5-(1-PIPERIDINYL)-2-THIAZOLIDINYLIDENE)-, ETHYL ESTER (9CI) * 2-CARBETHOXYMETHYLENE-3-METHYL-5-PIPERIDINO-4-THIAZOLIDONE * ELKAPIN * ETHYL (Z)-(3-METHYL-4-OXO-5-PIPERIDINO-THIAZOLIDIN-2-YLIDENE)-ACETATE * ETOZOLIN * ETOZOLINE * GOE 687 (German) * 3-METHYL-4-OXO-5-PIPERIDINO delta(sup 2 alpha)-THIAZOLIDINEACETIC ACID ETHYL ESTER * Z-(3-METHYL-4-OXO-5-PIPERIDINO-THIAZOLIDIN-2-YLIDEN)-ESSIGSAEUREAETHYLESTER (German) * (3-METHYL-4-OXO-5-(1-PIPERIDINYL)-2-THIAZOLIDINYLIDENE)ACETIC ACID ETHYL ESTER * delta(sup 2 alpha)-THIAZOLIDINEACETIC ACID, 3-METHYL-4-OXO-5-PIPERIDINO-, ETHYL ESTER (8CI) * W 2900 A

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25126T34 orl-rat TDLo:10 gm/kg (6-15D preg) ARZNAD 27,1758,77
2T76T81 orl-rat TDLo:67200 mg/kg (16-22D preg-21D post) ARZNAD 27,1758,77
1T72 orl-rat TDLo:33600 mg/kg (16-22D preg) ARZNAD 27,1758,77
1T25 orl-rbt TDLo:6500 mg/kg (6-18D preg) ARZNAD 27,1758,77

TOXICITY DATA AND REFERENCES:
orl-rat LD50:10250 mg/kg ARZNAD 27,1745,77
ipr-rat LD50:1575 mg/kg ARZNAD 27,1745,77
ivn-rat LDLo:110 mg/kg ARZNAD 27,1745,77
orl-mus LD50:8670 mg/kg ARZNAD 27,1745,77
ipr-mus LD50:1210 mg/kg ARZNAD 27,1745,77
ivn-mus LDLo:57 mg/kg ARZNAD 27,1745,77
orl-dog LDLo:3200 mg/kg ARZNAD 27,1745,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, (3-METHYL-4-OXO-5-(1-PIPERIDINYL)-2-THIAZOLIDINYLIDENE)-, ETHYL ESTER (9CI) see: AI9160000

AI9180000 ACETIC ACID, 2-(6-METHYL-4-OXO-3-(THIAZOL-4-YL)-4H-1-BENZOPYRAN-7-YLOXY)-, ETHYL ESTER
UPDT 8306 MW: 345.39 MOLFM: C17-H15-N-O5-S
SYN: 2-(6-METHYL-4-OXO-3-(THIAZOL-4-YL)-4H-1-BENZOPYRAN-7-YLOXY)ACETIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
1Y37 ipr-mus LD50:3000 mg/kg PCJOAU 15,780,81

AI9182000 ACETIC ACID, 2-(6-METHYL-4-OXO-3-(THIAZOL-4-YL)-4H-1-BENZOPYRAN-7-YLOXY)-, METHYL ESTER
UPDT 8306 MW: 331.36 MOLFM: C16-H13-N-O5-S
SYN: 2-(6-METHYL-4-OXO-3-(THIAZOL-4-YL)-4H-1-BENZOPYRAN-7-YLOXY)ACETIC ACID METHYL ESTER

TOXICITY DATA AND REFERENCES:
1Y37 ipr-mus LD50:3000 mg/kg PCJOAU 15,780,81

AI9300000 ACETIC ACID, 2-METHYLPENTYL ESTER
UPDT 8407 CAS: 7789-99-3 MW: 144.24 MOLFM: C8-H16-O2
SYN: ACETIC ACID, 2-METHYLAMYL ESTER * 2-METHYLAMYL ACETATE * 2-METHYLPENTYL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
orl-rat LD50:7400 mg/kg AMIHBC 10,61,54

AI9316000 ACETIC ACID, alpha-METHYL-PHENETHYL ESTER
UPDT 8401 CAS: 2114-33-2 MW: 178.25 MOLFM: C11-H14-O2
SYN: 2-ACETOXY-1-PHENYLPROPANE * BENZYLMETHYLCARBINYL ACETATE * METHYLBENZYLCARBINYL ACETATE * alpha-METHYL beta-PHENYLETHYL ACETATE * 1-PHENYL-2-PROPANOL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),737,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID, 4-METHYLPHENYL ESTER (9CI) see: AJ7570000

AI9350000 ACETIC ACID, ((6-METHYL-4-PIPERIDINO-2-PYRIMIDINYL)THIO)-, HYDRAZIDE
UPDT 8311 MW: 281.42 MOLFM: C12-H19-N5-O-S
SYN: ((6-METHYL-4-PIPERIDINO-2-PYRIMIDINYL)THIO)ACETIC ACID HYDRAZIDE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:460 mg/kg PCJOAU 16,595,82
1P30 unk-mam LD50:460 mg/kg RPTOAN 45,215,82

ACETIC ACID, 1-METHYLPROPYL ESTER (9CI) see: AF7380000

ACETIC ACID, 2-METHYLPROPYL ESTER see: AI4025000

ACETIC ACID, ((METHYL(PROPYLTHIO)PHOSPHINOTHIOYL)THIO)ETHYL ESTER see: AI7250000

ACETIC ACID, MONOGLYCERIDE see: AK3600000

ACETIC ACID, MYRCENYL ESTER see: RH3585000

AI9692000 ACETIC ACID, (2-NAPHTHYLOXY)-, 2-(1-(MORPHOLINOMETHYL)-2-OXO-3-INDOLINYLENE)HYDRAZIDE
UPDT 8405 MW: 444.53 MOLFM: C25-H24-N4-O4
SYN: INDOLIN-2,3-DIONE, 1-MORPHOLINOMETHYL-, 3-(2-NAPHTHYLOXY)ACETYLHYDRAZONE * (2-NAPHTHYLOXY)ACETIC ACID 2-(1-(MORPHOLINOMETHYL)-2-OXO-3-INDOLINYLENE)HYDRAZIDE

TOXICITY DATA AND REFERENCES:
3F17F18U26 ipr-mus LD50:681 mg/kg ARPMAS 315,1003,82

AI9695000 ACETIC ACID, (2-NAPHTHYLOXY)-, 2-(2-OXO-1-(1-PYRROLIDINYLMETHYL)-3-INDOLINYLENE)HYDRAZIDE
UPDT 8405 MW: 428.53 MOLFM: C25-H24-N4-O3
SYN: INDOLIN-2,3-DIONE, 1-PYRROLIDINOMETHYL-, 3-(2-NAPHTHYLOXY)ACETYLHYDRAZONE * (2-NAPHTHYLOXY)ACETIC ACID 2-(2-OXO-1-(1-PYRROLIDINYLMETHYL)-3-INDOLINYLENE)HYDRAZIDE * 1-PYRROLIDINOMETHYL-3-(2-NAPHTHYLOXYACETYLHYDRAZONO)INDOLIN-2-ONE

TOXICITY DATA AND REFERENCES:
3F17F18U26 ipr-mus LD50:681 mg/kg ARPMAS 315,1003,82

AI9696000 ACETIC ACID, (2-NAPHTHYLOXY)-, 2-(2-OXO-1-(4-(p-TOLYL)-1-PIPERAZINYLMETHYL)-3-INDOLINYLENE) HYDRAZIDE
UPDT 8405 MW: 533.68 MOLFM: C32-H31-N5-O3
SYN: INDOLIN-2,3-DIONE, 1-(4-p-TOLYL-1-PIPERAZINYLMETHYL)-, 3-(2-NAPHTHYLOXY)ACETYLHYDRAZONE

TOXICITY DATA AND REFERENCES:
3F17F19U26 ipr-mus LD50:1000 mg/kg ARPMAS 315,1003,82

AI9698000 ACETIC ACID, (2-NAPHTHYLOXY)-, 2-(1-(PIPERIDINOMETHYL)-2-OXO-3-INDOLINYLENE)HYDRAZIDE
UPDT 8405 MW: 442.56 MOLFM: C26-H26-N4-O3
SYN: INDOLIN-2,3-DIONE, 1-(1-PIPERIDINOMETHYL)-, 3-(2-NAPHTHYLOXY)ACETYLHYDRAZONE * (2-NAPHTHYLOXY)ACETIC ACID 2-(1-(PIPERIDINOMETHYL)-2-OXO-3-INDOLINYLENE)HYDRAZIDE

TOXICITY DATA AND REFERENCES:
3F17F19U26 ipr-mus LD50:681 mg/kg ARPMAS 315,1003,82

ACETIC ACID, NICKEL(2+) SALT see: QR6125000

AJ0175000 ACETIC ACID, NITRILOTRI-
UPDT 8412 CAS: 139-13-9 MW: 191.16 MOLFM: C6-H9-N-O6
SYN: AMINOTRIACETIC ACID * N,N-BIS(CARBOXYMETHYL)GLYSINE * CHEL 300 * COMPLEXON I * GLYCINE, N,N-BIS(CARBOXYMETHYL)- (9CI) * HAMPSHIRE NTA ACID * NCI-C02786 * NITRILOTRIACETIC ACID * NTA * TITRIPLEX I * TRIGLYCINE * TRIGLYCOLLAMIC ACID * TRILON A * VERSENE NTA ACID

TUMORIGENIC DATA AND REFERENCES:
2V01M60 orl-rat TDLo:430 gm/kg/75W-C NCITR* NCI-CG-TR-6,77
2V02M60 orl-mus TDLo:832 gm/kg/66W-C NCITR* NCI-CG-TR-6,77

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1470 mg/kg NCILB* NCI-E-C-72-3252
orl-mus LD50:3160 mg/kg NCILB* NCI-E-C-72-3252
ipr-mus LDLo:125 mg/kg TXAPA9 23,288,72

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-6,77)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, NITRILOTRI-, MERCURY(II) complex see: OU9635000

ACETIC ACID, NITRILOTRI-, TRISODIUM SALT see: MB8400000

AJ1070000 ACETIC ACID, NITRILOTRI-, TRISODIUM SALT, MONOHYDRATE
UPDT 8412 CAS: 18662-53-8 MW: 275.12 MOLFM: C6-H6-N-O6-3Na-H2-O
SYN: N,N-BIS(CARBOXYMETHYL)GLYCINE TRISODIUM SALT MONOHYDRATE * GLYCINE, N,N-BIS(CARBOXYMETHYL)-, TRISODIUM SALT, MONOHYDRATE * NCI-C01445 * NITRILOACETIC ACID TRISODIUM SALT MONOHYDRATE * NITRILOTRIACETIC ACID TRISODIUM SALT MONOHYDRATE * NTA SODIUM HYDRATE * TRISODIUM NITRILOTRIACETATE MONOHYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T53 orl-rat TDLo:900 ug/kg (9-14D preg) TXAPA9 23,222,72

TUMORIGENIC DATA AND REFERENCES:
2V01M60 orl-rat TDLo:830 gm/kg/2Y-C NCITR* NCI-CG-TR-6,77
2V01M60 orl-mus TDLo:315 gm/kg/75W-C NCITR* NCI-CG-TR-6,77
2V03M61 orl-rat TD :876 gm/kg/2Y-C FCTOD7 20,441,82

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg NTIS** AD691-490

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-6,77)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, ((5-NITRO-2-FURANYL)METHYLENE)HYDRAZIDE (9CI) see: AJ1075000

AJ1075000 ACETIC ACID, (5-NITROFURFURYLIDENE)HYDRAZIDE
UPDT:8406 CAS: 67-38-7 MW: 197.12 MOLFM: C7-H7-N3-O4
SYN: ACETIC ACID, ((5-NITRO-2-FURANYL)METHYLENE)HYDRAZIDE (9CI) * FURITON * HC-084 * NF 64 * NIDRAFUR * NIDRAFUR P * NIFURHYDRAZONUM * NIHYDRAZON * NIHYDRAZONE * 5-NITROFURFURALACETYLHYDRAZONE * 5-NITRO-2-FURALDEHYDE ACETYLHYDRAZONE * ZONIFUR

MUTATION DATA AND REFERENCES:
pic-bsc 8 mg/L — CJMIAZ 10,932,64
mmo-oug 10 mg/L — JPROAR 17,129,70

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg — JAPMAB 39,313,50

AJ1130010 ACETIC ACID, (p-NITROPHENYL)-
UPDT:8401 CAS: 104-03-0 MW: 181.16 MOLFM: C8-H7-N-O4
SYN: BENZENEACETIC ACID, 4-NITRO- (9CI) * 4-NITROBENZENEACETIC ACID * (p-NITROPHENYL)ACETIC ACID * 2-(p-NITROPHENYL)ACETIC ACID * (4-NITROPHENYL)ACETIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:830 mg/kg — FRPSAX 13,286,58

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AJ1225000 ACETIC ACID, (p-NITROPHENYLSELENYL)-
UPDT:8212 CAS: 17893-55-9 MW: 260.12 MOLFM: C8-H7-N-O4-Se

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:250 mg/kg — NCNSA6 5,8,53

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 — DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) — FEREAC 39,23540,74

AJ1375000 ACETIC ACID, (N-NITROSOANILINO)METHYL ESTER
UPDT:8305 MW: 195.22 MOLFM: C9-H11-N2-O3
SYN: ACETOXYMETHYLPHENYLNITROSAMINE

MUTATION DATA AND REFERENCES:
mma-sat 64400 pmol/plate — CALEDQ 15,289,82

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-ham TDLo:42 mg/kg/27W-I — CALEDQ 15,289,82
2V03V10 scu-ham TD :64 mg/kg/41W-I — CALEDQ 15,289,82
2V03V10 scu-ham TD :55 mg/kg/35W-I — CALEDQ 15,289,82
2V03V10 scu-ham TD :182 mg/kg/58W-I — CALEDQ 15,289,82
2V03V10 scu-ham TD :119 mg/kg/38W-I — CALEDQ 15,289,82

TOXICITY DATA AND REFERENCES:
1B03 scu-ham LD50:117 mg/kg — CALEDQ 15,289,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, 1-OCTA-2,7-DIENYL ESTER see: RG5430000

AJ1400000 ACETIC ACID, OCTYL ESTER
UPDT:8305 CAS: 112-14-1 MW: 172.30 MOLFM: C10-H20-O2
SYN: ACETATE C-8 * CAPRYLYL ACETATE * 1-OCTANOL ACETATE * n-OCTANYL ACETATE * OCTYL ACETATE * n-OCTYL ACETATE * 1-OCTYL ACETATE * OCTYL ALCOHOL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — FCTXAV 12,805,74

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3000 mg/kg — AMIHBC 10,61,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID, OXIME see: AK8157000

AJ1451000 ACETIC ACID, ((7-OXO-7H-BENZ(de)ANTHRACEN-3-YL)THIO)-
UPDT:8308 MW: 318.35 MOLFM: C19-H10-O3-S
SYN: 7H-BENZ(de)ANTHRACEN-7-ONE, 3-(CARBOXYMETHYLTHIO)- * 3-BENZANTHRONYL CARBOXYMETHYL SULFIDE * ((7-OXO-7H-BENZ(de)ANTHRACEN-3-YL)THIO)ACETIC ACID

MUTATION DATA AND REFERENCES:
mmc-sat 50 ug/plate — MUREAV 66,9,79
mma-sat 500 ug/plate — MUREAV 66,9,79

AJ1451300 ACETIC ACID, ((7-OXO-7H-BENZ(de)ANTHRACEN-3-YL)THIO)-, ETHYL ESTER
UPDT:8308 MW: 346.41 MOLFM: C21-H14-O3-S
SYN: 3-BENZANTHRONYL CARBETHOXYMETHYL SULFIDE * ((7-OXO-7H-BENZ(de)ANTHRACEN-3-YL)THIO)ACETIC ACID ETHYL ESTER

MUTATION DATA AND REFERENCES:
mma-sat 500 ug/plate — MUREAV 66,9,79
mma-sat 250 ug/plate — MUREAV 66,9,79

AJ1454000 ACETIC ACID, (3-(2-OXOMORPHOLINO)-2,4,6-TRIIODOPHENOXY)PHENYL-, SODIUM SALT
UPDT:8403 CAS: 21763-33-7 MW: 727.01 MOLFM: C18-H13-I3-N-O5 Na
SYN: (3-(2-OXOMORPHOLINO)-2,4,6-TRIIODOPHENOXY)PHENYLACETIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5700 mg/kg — PHARAT 30,78,75
* ivn-mus LD50:860 mg/kg — PHARAT 30,78,75

AJ1454500 ACETIC ACID, (3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOPHENYL)-, SODIUM SALT
UPDT:8403 CAS: 21838-47-1 MW: 634.91 MOLFM: C12-H9-I3-N-O4 Na
SYN: (3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOPHENYL)ACETIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5200 mg/kg — PHARAT 30,78,75
* ivn-mus LD50:1550 mg/kg — PHARAT 30,78,75

AJ1460000 ACETIC ACID, ((4-OXO-2-PHENYL-4H-1-BENZOPYRAN-7-YL)OXY)-, ETHYL ESTER
UPDT:8403 CAS: 119-41-5 MW: 324.35 MOLFM: C19-H16-O5
SYN: 7-alpha-(ACETOXYETHANE)-OXYFLAVONE * ANGORLISIN * CORIL * CORLIN * COROSANIN * DILATAN KORE * DOMUCOR * EFLOXATE * ETHYL FLAVONE-7-OXYACETATE * ETHYL FLAVON-7-YLOXYACETATE * ETHYL FLAVONYL-7-OXYACETATE * ETHYL 7-FLAVONOXYACETATE * ETHYL 7-HYDROXYFLAVONE * FLACETHYLE * 7 FLAVONE ETHYL HYDROXYACETATE * FLAVONE-7-ETHYL-OXYACETATE * 7-FLAVONOXYACETIC ACID ETHYL ESTER * OXIFLAVIL * ((4-OXO-2-PHENYL-4H-1-BENZOPYRAN-7-YL)OXY)ACETIC ACID ETHYL ESTER * OXYFLAVIL * RE 1-0185 * REC 1-0185 * RECORDIL

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:3200 mg/kg — MEIEDD 10,509,83
* ipr-mus LD50:3200 mg/kg — FRPSAX 13,561,58
* ipr-gpg LD50:2 gm/kg — NIIRDN 6,125,82

AJ1465500 ACETIC ACID, (3-(2-OXOPIPERIDINO)-2,4,6-TRIIODOPHENOXY)PHENYL-, SODIUM SALT
UPDT:8403 CAS: 21763-34-8 MW: 725.04 MOLFM: C19-H15-I3-N-O4 Na
SYN: (3-(2-OXOPIPERIDINO)-2,4,6-TRIIODOPHENOXY)PHENYLACETIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3400 mg/kg — PHARAT 30,78,75
* ivn-mus LD50:720 mg/kg — PHARAT 30,78,75

AJ1475000 ACETIC ACID, (3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENOXY)PHENYL-, SODIUM SALT
UPDT:8403 CAS: 21761-96-6 MW: 711.01 MOLFM: C18-H13-I3-N-O4 Na
SYN: (3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENOXY)PHENYLACETIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2500 mg/kg — PHARAT 30,78,75
* ivn-mus LD50:720 mg/kg — PHARAT 30,78,75

AJ1476000 ACETIC ACID, (3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)-, SODIUM SALT
UPDT:8403 CAS: 21762-02-7 MW: 618.91 MOLFM: C12-H9-I3-N-O3 Na
SYN: (3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)ACETIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3200 mg/kg — PHARAT 30,78,75
* ivn-mus LD50:1200 mg/kg — PHARAT 30,78,75

ACETIC ACID, (4-OXO-2-THIAZOLIDINYLIDENE)-, BUTYL ESTER (9CI) see: XJ5131860

AJ1750000 ACETIC ACID, OXYDI-, DISODIUM SALT
UPDT:8307 CAS: 35249-69-5 MW: 178.06 MOLFM: C4-H4-O5 2Na
SYN: OXYDIACETIC ACID, DISODIUM SALT * SODIUM OXYDIACETATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2440 mg/kg — TXAPA9 28,313,74
* skn-rbt LD50:1270 mg/kg — TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY 1983

AJ1925000 ACETIC ACID, PENTYL ESTER
UPDT:8404 CAS: 628-63-7 MW: 130.21 MOLFM: C7-H14-O2
SYN: ACETATE D'AMYLE (French) * ACETIC ACID AMYL ESTER * AMYL ACETATE * n-AMYL ACETATE * AMYL ACETATE (DOT) * AMYL ACETIC ESTER * 2-AMYL ACETIC ETHER * AMYLAZETAT (German) * BIRNENÖL * OCTAN AMYLU (Polish) * PEAR OIL * PENT-ACETATE * PENT-ACETATE 2B * 1-PENTANOL ACETATE * PENTYL ACETATE * n-PENTYL ACETATE * 1-PENTYL ACETATE * PRIMARY AMYL ACETATE * UN 1104 (DOT)

IRRITATION DATA AND REFERENCES:
eye-hmn 300 ppm — JIHTAB 25,282,43

TOXICITY DATA AND REFERENCES:
3D25F07J30 ihl-hmn TCLo:5000 mg/m3/30M — AHYGAJ 78,260,13
orl-rat LD50:6500 mg/kg — NPIRI* 1,3,74
1Y16 ipr-gpg LDLo:1500 mg/kg — AIHAAP 35,21,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,28,60
★ TLV-TWA 100 ppm; STEL 150 ppm — DTLVS* 4,18,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-E) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1450
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ2100000 ACETIC ACID, 2-PENTYL ESTER
UPDT:8404 CAS: 626-38-0 MW: 130.21 MOLFM: C7-H14-O2
SYN: 2-ACETOXYPENTANE * sec-AMYL ACETATE * 1-METHYLBUTYL ACETATE * 2-PENTANOL ACETATE (8CI, 9CI) * 2-PENTYL ACETATE

TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-hmn TCLo:200 ppm — JIHTAB 25,282,43
ihl-gpg LCLo:10000 ppm/5H — PHRPA6 51,811,36

REVIEW AND REFERENCES:
★ TLV-TWA 125 ppm; STEL 150 ppm — DTLVS* 4,18,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 125 ppm (SCP-D) — FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1450
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ2220000 ACETIC ACID, PHENETHYL ESTER
UPDT:8305 CAS: 103-45-7 MW: 164.22 MOLFM: C10-H12-O2
SYN: ACETIC ACID, 2-PHENYLETHYL ESTER * BENZYLCARBINYL ACETATE * ETHANOL, 2-PHENYL-, ACETATE * PHENETHYL ACETATE * beta-PHENETHYL ACETATE * 2-PHENETHYL ACETATE * beta-PHENYLETHYL ACETATE * 2-PHENYLETHYL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — FCTXAV 12,957,74

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:1200 mg/kg/8W-I — CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3670 mg/kg — VPITAR 33,48,74
* orl-mus LD50:3670 mg/kg — VPITAR 33,48,74
* skn-rbt LD50:6210 mg/kg — FCTXAV 12,957,74
* orl-gpg LD50:3670 mg/kg — VPITAR 33,48,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ2230000 ACETIC ACID, PHENOXY-
UPDT:8305 CAS: 122-59-8 MW: 152.16 MOLFM: C8-H8-O3
SYN: GLYCOLIC ACID PHENYL ETHER * GLYCOLLIC ACID PHENYL ETHER * PHENOXYACETIC ACID * PHENOXYETHANOIC ACID * α-PHENYLGLYCOLIC ACID

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — FCTXAV 17,887,79

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3700 mg/kg — GISAAA 46(1),25,81
* ipr-rat LD50:323 mg/kg — FCTXAV 17,887,79
* orl-mus LD50:3750 mg/kg — GISAAA 46(1),25,81
* unk-gpg LD50:1400 mg/kg — GISAAA 46(1),25,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AJ2240000 ACETIC ACID, PHENOXY-, ALLYL ESTER
UPDT:8305 CAS: 7493-74-5 MW: 192.23 MOLFM: C11-H12-O3
SYN: ACETATE P.A. * ACETIC ACID, PHENOXY-, 2-PROPENYL ESTER (9CI) * ALLYL PHENOXYACETATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:475 mg/kg — FCTXAV 13,703,75
* skn-rbt LD50:820 mg/kg — FCTXAV 13,703,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ2280000 ACETIC ACID, PHENOXY-, alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 363.92 MOLFM: C20-H25-N-O3 Cl-H
SYN: PHENOXYACETIC ACID alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg — JACSAT 81,203,59

AJ2294000 ACETIC ACID, PHENOXY-, alpha-((ISOPROPYLMETHYLAMINO)METHYL)BENZYL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 363.92 MOLFM: C20-H25-N-O3 Cl-H
SYN: PHENOXYACETIC ACID alpha-((ISOPROPYLMETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:400 mg/kg — JACSAT 81,203,59

ACETIC ACID, PHENOXY-, 2-PROPENYL ESTER (9CI) see: AJ2240000

AJ2394000 ACETIC ACID, PHENOXY-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 361.90 MOLFM: C20-H23-N-O3 Cl-H

BEST COPY AVAILABLE

SYN: PHENOXYACETIC ACID alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:450 mg/kg JACSAT 81,203,59

AJ2430000 ACETIC ACID, PHENYL-

UPDT:8402 CAS: 103-82-2 MW: 136.16 MOLFM: C8-H8-O2

SYN: BENZENEACETIC ACID * BENZENEACETIC ACID * PHENYLACETIC ACID * omega-PHENYLACETIC ACID * alpha-TOLUIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T46 orl-rat TDLo:450 mg/kg (4D preg) VPITAR 32,50,73

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2250 mg/kg VPITAR 33,48,74

* ipr-rat LD50:1600 mg/kg BCFAAI 112,53,73

* orl-mus LD50:2250 mg/kg VPITAR 33,48,74

* ipr-mus LD50:2270 mg/kg FRPSAX 13,286,58

* orl-gpg LD50:2250 mg/kg VPITAR 33,48,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ2450000 ACETIC ACID, PHENYL-, ALLYL ESTER

UPDT:8305 CAS: 1797-74-6 MW: 176.23 MOLFM: C11-H12-O2

SYN: ALLYL PHENYLACETATE * BENZENEACETIC ACID, 2-PROPENYL ESTER (9CI) * PHENYLACETIC ACID ALLYL ESTER * 2-PROPENYL PHENYLACETATE

IRRITATION DATA AND REFERENCES:

skn-hmn 30 mg/48H FCTXAV 15,621,77

skn-rbt 310 mg/kg/24H MOD FCTXAV 15,621,77

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:650 mg/kg FCTXAV 15,621,77

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

AJ2465000 ACETIC ACID, PHENYL-, 4-ALLYL-2-METHOXYPHENYL ESTER

UPDT:8308 CAS: 10402-33-2 MW: 282.36 MOLFM: C18-H18-O3

SYN: 4-ALLYL-2-METHOXYPHENYL PHENYLACETATE * BENZENEACETIC ACID, 2-METHOXY-4-(2-PROPENYL)PHENYL ESTER (9CI) * EUGENOL PHENYLACETATE * EUGENYL PHENYLACETATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 16,753,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

AJ2470000 ACETIC ACID, PHENYL-, 2-BENZYLHYDRAZIDE

UPDT:8410 MW: 240.33 MOLFM: C15-H16-N2-O

TOXICITY DATA AND REFERENCES:

1F02 orl-rat LD50:1500 mg/kg JJPAAZ 13,186,63

1F02 ipr-rat LD50:515 mg/kg JJPAAZ 13,186,63

1F02 orl-mus LD50:767 mg/kg JJPAAZ 13,186,63

1F02 ipr-mus LD50:525 mg/kg JJPAAZ 13,186,63

AJ2480000 ACETIC ACID, PHENYL-, BUTYL ESTER

UPDT:8410 CAS: 122-43-0 MW: 192.28 MOLFM: C12-H16-O2

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD FCTOD7 21,657,83

AJ2660000 ACETIC ACID, PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER

UPDT:8411 CAS: 2372-38-5 MW: 235.36 MOLFM: C14-H21-N-O2

TOXICITY DATA AND REFERENCES:

* ipr-mus LDLo:1 gm/kg CHTPBA 5,10,70

AJ2700000 ACETIC ACID, PHENYL-, (4-(DIMETHYLAMINO)-2,2-DIPHENYL-1-ETHYL)PENTYL ESTER, HYDROCHLORIDE

UPDT:8307 CAS: 6howe7 59-7 MW: 466.11 MOLFM: C29-H35-N-O2 Cl-H

SYN: PHENYLACETIC ACID (4-(DIMETHYLAMINO)-2,2-DIPHENYL-1-ETHYL)PENTYL ESTER, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:76 mg/kg JACSAT 71,57,49

AJ2742000 ACETIC ACID, PHENYL-, 3,7-DIMETHYL-6-OCTENYL ESTER

UPDT:8401 CAS: 139-70-8 MW: 274.44 MOLFM: C18-H26-O2

SYN: BENZENEACETIC ACID, 3,7-DIMETHYL-6-OCTENYL ESTER (9CI) * CITRONELLYL PHENYLACETATE * 3,7-DIMETHYL-6-OCTEN-1-YL PHENYLACETATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),657,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

AJ2824000 ACETIC ACID, PHENYL-, ETHYL ESTER

UPDT:8305 CAS: 101-97-3 MW: 164.22 MOLFM: C10-H12-O2

SYN: BENZENEACETIC ACID, ETHYL ESTER (9CI) * ETHYL BENZENEACETATE * ETHYL PHENACETATE * ETHYL PHENYLACETATE * ETHYL 2-PHENYLETHANOATE * ETHYL alpha-TOLUATE * PHENYLACETIC ACID, ETHYL ESTER * alpha-TOLUIC ACID, ETHYL ESTER

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3300 mg/kg FCTXAV 13,99,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID, 2-PHENYLETHYL ESTER see: AJ2220000

AJ2900000 ACETIC ACID, 2-PHENYLHYDRAZIDE

UPDT:8401 CAS: 114-83-0 MW: 150.20 MOLFM: C8-H10-N2-O

SYN: ACETIC ACID PHENYLHYDRAZONE * ACETYLPHENYLHYDRAZINE * beta-ACETYLPHENYLHYDRAZINE * 1-ACETYL 2-PHENYLHYDRAZINE * APH * HYDRACETIN * N'-PHENYLACETHYDRAZIDE * PYRODIN * PYRODINE

TUMORIGENIC DATA AND REFERENCES:

3V02H60J60 orl-mus TDLo:31 gm/kg/79W-I BJCAAI 39,584,79

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:270 mg/kg PCJOAU 14,162,80

ipr-mus LDLo:150 mg/kg NTIS** AD691-490

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID PHENYLHYDRAZONE see: AJ2900000

AJ2945000 ACETIC ACID, PHENYL-, ISOPENTYL ESTER

UPDT:8305 CAS: 102-19-2 MW: 206.31 MOLFM: C13-H18-O2

SYN: BENZENEACETIC ACID, 3-METHYLBUTYL ESTER (9CI) * ISOAMYL PHENYLACETATE * ISOPENTYLPHENYLACETATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 16,791,78

MUTATION DATA AND REFERENCES:

mrc-bcs 20 ug/disc OEKSDJ 9,177,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID, PHENYLMERCURY DERIV. see: OV6475000

AJ3000000 ACETIC ACID, PHENYL-, p-METHOXYBENZYL ESTER

UPDT:8305 CAS: 102-17-0 MW: 256.32 MOLFM: C16-H16-O3

SYN: ANISYL PHENYLACETATE * p-METHOXYBENZYL PHENYLACETATE * PHENYLACETIC ACID, p-METHOXYBENZYL ESTER

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD FCTXAV 18,651,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID, PHENYLMETHYL ESTER see: AF5075000

AJ3175000 ACETIC ACID, PHENYL-, METHYL ESTER

UPDT:8305 CAS: 101-41-7 MW: 150.19 MOLFM: C9-H10-O2

SYN: BENZENEACETIC ACID, METHYL ESTER (9CI) * METHYL BENZENEACETATE * METHYL PHENYLACETATE * METHYL alpha-TOLUATE * PHENYLACETIC ACID, METHYL ESTER

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD FCTXAV 12,971,74

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2550 mg/kg FCTXAV 12,941,74

* skn-rbt LD50:2400 mg/kg FCTXAV 12,941,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID, ((1-(PHENYLMETHYL)-1H-IMIDAZOL-3-YL)OXY)- (9CI) see: AF5085000

AJ3255000 ACETIC ACID, PHENYL-, PHENETHYL ESTER

UPDT:8305 CAS: 102-20-5 MW: 240.32 MOLFM: C16-H16-O2

SYN: BENZENEACETIC ACID, 2-PHENYLETHYL ESTER (9CI) * BENZYLCARBINYL alpha-TOLUATE * PHENETHYL PHENYLACETATE * PHENETHYL alpha-TOLUATE * PHENYLACETIC ACID, PHENETHYL ESTER * PHENYLETHYL PHENYLACETATE * beta-PHENYLETHYL PHENYLACETATE * 2-PHENYLETHYL PHENYLACETATE * 2-PHENYLETHYL alpha-TOLUATE

TOXICITY DATA AND REFERENCES:

1F07 orl-rat LD50:16 gm/kg FCTXAV 2,327,64

* orl-mus LD50:3190 mg/kg VPITAR 33,48,74

* orl-gpg LD50:3190 mg/kg VPITAR 33,48,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID, 2-PROPENYL ESTER (9CI) see: AF1750000

AJ3400000 ACETIC ACID, PROPYLDIPHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER

UPDT:8405 CAS: 302-33-0 MW: 353.55 MOLFM: C23-H31-N-O2

SYN: BC18 * BENZENEACETIC ACID, alpha-PHENYL-alpha-PROPYL-, 2-(DIETHYLAMINO)ETHYL ESTER (9CI) * 2-DIETHYLAMINOETHYL 2,2-DIPHENYLVALERATE * 2-DIETHYLAMINOETHYL PROPYLDIPHENYLACETATE * HL 8727 * NSC 39690 * PROADIFEN * RP5171 * SKF-525-A * VALERIC ACID, 2,2-DIPHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER (8CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 ipr-mus TDLo:240 mg/kg (8-13D preg) JPETAB 202,455,77

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2140 mg/kg PSCBAY 2,17,63

ipr-rat LD50:163 mg/kg PSCBAY 2,17,63

orl-mus LD50:538 mg/kg PSCBAY 2,17,63

ipr-mus LD50:118 mg/kg PSCBAY 2,17,63

ivn-mus LD50:60 mg/kg PSCBAY 2,17,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ3675000 ACETIC ACID, PROPYL ESTER

UPDT:8404 CAS: 109-60-4 MW: 102.15 MOLFM: C5-H10-O2

SYN: ACETATE DE PROPYLE NORMAL (French) * ACETIC ACID n-PROPYL ESTER * 1-ACETOXYPROPANE * OCTAN PROPYLU (Polish) * PROPYL ACETATE * n-PROPYL ACETATE * 1-PROPYL ACETATE * PROPYL ACETATE (DOT) * UN 1276 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg open MLD UCDS** 1/25/65

TOXICITY DATA AND REFERENCES:

3D17J21J30 ihl-hmn TCLo:1000 mg/m3 AGGHAR 5,1,33

orl-rat LD50:9370 mg/kg FCTXAV 2,327,64

ihl-rat LCLo:8000 ppm/4H AIHAAP 30,470,69

orl-mus LD50:8300 mg/kg FCTXAV 2,327,64

ihl-cat LCLo:38000 mg/m3/335M AGGHAR 5,1,33

scu-cat LDLo:3000 mg/kg AGGHAR 5,1,33

orl-rbt LD50:6640 mg/kg IMSUAI 41,31,72

scu-gpg LDLo:3000 mg/kg AGGHAR 5,1,33

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AMIHAB 21,28,60

★ TLV-TWA 200 ppm; STEL 250 ppm DTLVS* 4,348,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ppm (SCP-D) FEREAC 39,23540,74

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1450

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID n-PROPYL ESTER see: AJ3675000

AJ3700000 ACETIC ACID, PROPYLNITROSAMINOMETHYL ESTER

UPDT:8405 CAS: 66017-91-2 MW: 160.20 MOLFM: C6-H12-N2-O3

SYN: ACETOXYMETHYLPROPYLNITROSAMINE * N-(ACETOXY)METHYL-N-n-PROPYLNITROSAMINE * N-NITROSO-N-(1-ACETOXYMETHYL)PROPYL AMINE * PAMN * PROPYL ACETOXYMETHYLNITROSAMINE * N-PROPYL-N-(ACETOXYMETHYL)NITROSAMINE * PROPYLAMINE N-(1-ACETOXYMETHYL)-N-NITROSO- * PROPYLNITROSAMINOMETHYL ACETATE

MUTATION DATA AND REFERENCES:

mma-sat 1 umol/plate MUREAV 49,187,78

mma-esc 1 umol/plate GANNA2 71,124,80

dnr-bcs 200 nmol/plate GANNA2 70,663,79

dnd-mus:fbr 230 umol/L GANNA2 73,565,82

msc-ham:lng 100 umol/L GANNA2 72,331,81

TUMORIGENIC DATA AND REFERENCES:

2V03K60 orl-rat TDLo:450 mg/kg/90D-I ZKKOBW 91,317,78

3V01J60V10 scu-rat TDLo:50 mg/kg/10W-I JCROD7 104,13,82

3V01J60V10 scu-rat TD :61 mg/kg/10W-I IAPUDO 41,619,82

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1000 mg/kg ZKKOBW 91,317,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, 1-(PROPYLNITROSAMINO)PROPYL ESTER see: JL9330000

AJ3855000 ACETIC ACID, (p-(1-PYRROLYL)PHENYL)-

UPDT:8309 MW: 201.24 MOLFM: C12-H11-N-O2

SYN: ACIDO 4-(1-PIRRIL)FENILACETCO (Italian) * (p-(1-PYRROLYL)PHENYL)ACETIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1200 mg/kg FRPSAX 38,90,83

* ipr-mus LD50:980 mg/kg FRPSAX 38,90,83

AJ3880000 ACETIC ACID, RHODIUM (2+) SALT

UPDT:8305 CAS: 5503-41-3 MW: 323.03 MOLFM: C4-H8-O4 Rh

SYN: Rh-110 * RHODIUM(II) ACETATE * RHODIUM DIACETATE

MUTATION DATA AND REFERENCES:

dni-mus:ast 10 umol/L PSEBAA 145,1278,74

dnd-mam:lym 100 umol/L CCROBU 59,611,75

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:27 mg/kg PSEBAA 145,1278,74

REVIEW AND REFERENCES:

★ TLV-TWA 1 mg(Rh)/m3 DTLWS* 4,356,82

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 1 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

AJ3890C00 ACETIC ACID, SAMARIUM SALT

UPDT:8408 CAS: 10465-27-7 MW: 327.50 MOLFM: C6-H9-O6-Sm

SYN: SAMARIUM ACETAT (German) * SAMARIUM ACETATE

TOXICITY DATA AND REFERENCES:

scu-mus LD50:10 gm/kg ZGEMAZ 113,536,44

ivn-cat LDLo:50 mg/kg ZGEMAZ 113,536,44

TOXICITY DATA HAVE NOT BEEN EVALUATED

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AJ3935000 ACETIC ACID, SELENOCYANO-, BUTYL ESTER
UPDT:7901 CAS: 63906-49-0 MW: 220.15 MOLFM: C7-H11-N-O2-Se

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:100 mg/kg — NCNSA6 5,15,53

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 — DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) — FEREAC 39,23540,74

AJ4025060 ACETIC ACID, SELENOCYANO-, POTASSIUM SALT
UPDT:7901 CAS: 63906-50-3 MW: 202.12 MOLFM: C3-H2-N-O2-Se-K
SYN: POTASSIUM SELENOCYANOACETATE

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg — NCNSA6 5,8,53

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 — DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) — FEREAC 39,23540,74

AJ4100000 ACETIC ACID, SILVER(1+) SALT
UPDT:8402 CAS: 563-63-3 MW: 166.92 MOLFM: C2-H3-O2-Ag
SYN: SILVER ACETATE * SILVER(I) ACETATE * SILVER(1+) ACETATE * SILVER MONOACETATE

TOXICITY DATA AND REFERENCES:
3F13F19J22 ipr-mus LD50:34 mg/kg — DCTODJ 6,267,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AJ4375000 ACETIC ACID, SODIUM SALT
UPDT:8306 CAS: 127-09-3 MW: 82.04 MOLFM: C2-H3-O2-Na
SYN: ANHYDROUS SODIUM ACETATE * NATRIUMACETAT (German) * SODIUM ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — BIOFX* 19-3/71
eye-rbt 10 mg MLD — BIOFX* 19-3/71

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3530 mg/kg — FAONAU 40,127,67
orl-mus LD50:6891 mg/kg — JIHTAB 23,78,41
scu-mus LD50:8000 mg/kg — ZGEMAZ 113,536,44
ivn-mus LD50:335 mg/kg — JLCMAK 29,809,44
ivn-rbt LDLo:1300 mg/kg — AEXPBL 21,119,1886

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0478-0120

AJ4690000 ACETIC ACID, ((2-STIBONOPHENYL)THIO)-
UPDT:8002 CAS: 63938-93-2 MW: 338.98 MOLFM: C8-H9-O5-S-Sb
SYN: 2-(CARBOXYMETHYLMERCAPTO)PHENYLSTIBONIC ACID * 2-(CARBOXYMETHYLMERCAPTO)PHENYL-STIBONSAEURE (German) * BO 2-1160 * ((2-STIBONOPHENYL)THIO)ACETIC ACID

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5000 mg/kg — ARZNAD 4,116,54
orl-mus LD50:5000 mg/kg — AIPTAK 85,100,51
scu-mus LD50:2520 mg/kg — AIPTAK 85,100,51
ivn-mus LD50:965 mg/kg — AIPTAK 85,100,51
ivn-rbt LD50:186 mg/kg — AIPTAK 85,100,51
ipr-gpg LD50:350 mg/kg — AIPTAK 85,100,51
ipr-ham LD50:550 mg/kg — AIPTAK 85,100,51

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

AJ4694000 ACETIC ACID, ((2-STIBONOPHENYL)THIO)-, CALCIUM SALT
UPDT:8002 MW: 716.02 MOLFM: C16-H16-Q10-S2-Sb2-Ca
SYN: CALCIUM ((2-STIBONOPHENYL)THIO)ACETATE * ((2-STIBONOPHENYL)THIO)ACETIC ACID CALCIUM SALT

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:900 mg/kg — AIPTAK 85,100,51

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

AJ4696000 ACETIC ACID, ((2-STIBONOPHENYL)THIO)-, DIETHANOLAMINE SALT
UPDT:8002 MW: 444.14 MOLFM: C8-H8-O5-S-Sb-C4-H12-N-O2
SYN: ((2-STIBONOPHENYL)THIO)ACETIC ACID DIETHANOLAMINE SALT

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:430 mg/kg — AIPTAK 85,100,51
ivn-rbt LD50:50 mg/kg — AIPTAK 85,100,51
ivn-ham LD50:200 mg/kg — AIPTAK 85,100,51

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

AJ4700000 ACETIC ACID, ((2-STIBONOPHENYL)THIO)-, SODIUM SALT
UPDT:8002 MW: 360.96 MOLFM: C8-H8-O5-S-Sb-Na
SYN: SODIUM ((2-STIBONOPHENYL)THIO)ACETATE * ((2-STIBONOPHENYL)THIO)ACETIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:430 mg/kg — AIPTAK 85,100,51

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

AJ5077000 ACETIC ACID, (2-(2,3,5,6-TETRACHLOROPHENOXY)PHENYL)-
UPDT:8402 CAS: 86335-26-4 MW: 366.02 MOLFM: C14-H8-Cl4-O3
SYN: (2-(2,3,5,6-TETRACHLOROPHENOXY)PHENYL)ACETIC ACID

TOXICITY DATA AND REFERENCES:
orl-rat LD50:303 mg/kg — JMCMAR 26,1361,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ5425000 ACETIC ACID, THALLIUM(I) SALT
UPDT:8406 CAS: 563-68-8 MW: 263.42 MOLFM: C2-H3-O2-Tl
SYN: RCRA WASTE NUMBER U214 * THALLIUM ACETATE * THALLIUM(1+) ACETATE * THALLIUM(I) ACETATE * THALLIUM MONOACETATE * THALLOUS ACETATE

MUTATION DATA AND REFERENCES:
otr-ham:emb 100 umol/L — CNREA8 39,193,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:30 mg/kg (6-15D preg) — TJADAB 24(2),46A,81

TOXICITY DATA AND REFERENCES:
3R21F14M11 unk-hmn LDLo:26 mg/kg — AJCPAI 13,422,43
3R21F14M11 unk-chd LDLo:8 mg/kg — AJCPAI 13,422,43
1R21 orl-rat LDLo:25 mg/kg — AIHAAP 21,399,60
* ipr-rat LD50:30 mg/kg — AIHAAP 21,399,60
orl-mus LD50:35 mg/kg — JFALAX 5,15,69
ipr-mus LD50:37 mg/kg — TXAPA9 49,41,79
scu-mus LDLo:500 ug/kg — EQSSDX 1,1,75
orl-dog LDLo:13 mg/kg — HBAMAK 4,1406,35
* orl-rbt LDLo:25 mg/kg — AIHAAP 21,399,60
* ipr-rbt LDLo:17 mg/kg — AIHAAP 21,399,60
scu-rbt LDLo:5 mg/kg — EQSSDX 1,1,75
* ivn-rbt LDLo:26 mg/kg — AIHAAP 21,399,60
* orl-gpg LDLo:15 mg/kg — AIHAAP 21,399,60
* ipr-gpg LDLo:9 mg/kg — AIHAAP 21,399,60

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 — DTLVS* 3,396,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) — FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ5500000 ACETIC ACID, (3-THENYLTHIO)-, SODIUM SALT
UPDT:8308 CAS: 35461-29-1 MW: 210.25 MOLFM: C7-H7-O2-S2-Na
SYN: ACETIC ACID, ((3-THIENYLMETHYL)THIO)-, SODIUM SALT (9CI) * (3-THENYLTHIO)ACETIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1650 mg/kg — THERAP 26,831,71

ACETIC ACID, ((3-THIENYLMETHYL)THIO)-, SODIUM SALT (9CI) see: AJ5500000

AJ5600000 ACETIC ACID, THIO-
UPDT:8312 CAS: 507-09-5 MW: 76.12 MOLFM: C2-H4-O-S
SYN: ACETYL MERCAPTAN * ETHANETHIOIC ACID * ETHANETHIOLIC ACID * METHANECARBOTHIOLIC ACID * THIACETIC ACID * THIOACETIC ACID * THIOACETIC ACID (DOT) * THIOLACETIC ACID * THIONOACETIC ACID * UN 2436 (DOT) * USAF EK-P-737

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:75 mg/kg — NTIS** AD691-490

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AJ5778000 ACETIC ACID, THIO-, S-2-AMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8311 MW: 155.66 MOLFM: C4-H9-N-O-S-Cl-H
SYN: S-ACETYL-2-MERCAPTOETHYLAMINE HYDROCHLORIDE * THIOACETIC ACID S-2-AMINOETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus cLD50:500 mg/kg — JPMSAE 51,168,62

AJ6200000 ACETIC ACID, THIOCYANATO-, ETHYL ESTER
UPDT:8406 CAS: 5349-28-0 MW: 145.19 MOLFM: C5-H7-N-O2-S
SYN: ETHYL THIOCYANATOACETATE * ETHYL THIOCYANOACETATE * REE * THIOCYANATOACETIC ACID ETHYL ESTER * THIOCYANO-ESSIGSAEURE-AETHYL-ESTER (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:20 mg/kg — ARZNAD 16,870,66
3C08F12J26 orl-mus LD50:52 mg/kg — JJPAAZ 3,99,54
3C08F12J2A ipr-mus LD50:18300 ug/kg — JJPAAZ 3,99,54
3C08J26J30 scu-mus LD50:39100 ug/kg — JJPAAZ 3,99,54
3C08F12J26 ivn-mus LD50:6 mg/kg — JJPAAZ 3,99,54
1J30 scu-rbt LD50:10 mg/kg — JJPAAZ 3,99,54
* ims-pgn LD50:20 mg/kg — JJPAAZ 3,99,54

AJ6300000 ACETIC ACID, THIOCYANATO-, ISOBORNYL ESTER
UPDT:8408 CAS: 115-31-1 MW: 253.39 MOLFM: C13-H19-N-O2-S
SYN: ACETIC ACID, THIOCYANATO-, 1,7,7-TRIMETHYLBICYCLO(2.2.1)HEPT-2-YL ESTER, EXO- (9CI) * BORNATE * CIDALON * ENT 92 * ISOBORNEOL THIOCYANATOACETATE * ISOBORNYL THIOCYANATOACETATE * ISOBORNYL THIOCYANOACETATE * TERPINYL THIOCYANOACETATE * THANISOL * THANITE * THIOCYANATOACETIC ACID ISOBORNYL ESTER

TOXICITY DATA AND REFERENCES:
orl-rbt LD50:630 mg/kg — JPETAB 82,377,44
skn-rbt LD50:6000 mg/kg — WRPCA2 7,135,68
* orl-gpg LD50:551 mg/kg — FMCHA2 -,C233,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ACID, THIOCYANATO-, 1,7,7-TRIMETHYLBICYCLO(2,2,1)HEPT-2-YL ESTER, EXO- (9CI) see: AJ6300000

AJ7565000 ACETIC ACID, THIO-, SODIUM SALT
UPDT:8303 CAS: 34832-35-4 MW: 99.11 MOLFM: C2-H4-O-S-Na
SYN: ETHANETHIOIC ACID, SODIUM SALT * SODIUM ETHANETHIOATE * SODIUM THIOACETATE * S-SODIUM THIOACETATE * SODIUM THIOLACETATE * THIOACETIC ACID SODIUM SALT

MUTATION DATA AND REFERENCES:
pic-omi 500 ppm — JGMIAN 8,116,53

AJ7569000 ACETIC ACID, (p-TOLYL)-
UPDT:8303 CAS: 622-47-9 MW: 150.19 MOLFM: C9-H10-O2
SYN: BENZENEACETIC ACID, 4-METHYL- (9CI) * 4-METHYLBENZENEACETIC ACID * p-METHYLPHENYLACETIC ACID * (4-METHYLPHENYL)ACETIC ACID * (p-TOLYL)ACETIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus cLD50:2270 mg/kg — FRPSAX 13,286,58

AJ7570000 ACETIC ACID, p-TOLYL ESTER
UPDT:8305 CAS: 140-39-6 MW: 150.19 MOLFM: C9-H10-O2
SYN: ACETIC ACID, 4-METHYLPHENYL ESTER (9CI) * p-ACETOXYTOLUENE * 4-ACETOXYTOLUENE * p-CRESOL ACETATE * CRESYL ACETATE * p-CRESYL ACETATE * 4-METHYLBENZOIC AC

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

ipr-mus LDLo:500 mg/kg CBCCT* 6,214,54
scu-mus LD50:270 mg/kg NIIRDN 6,879,82

REVIEW AND REFERENCES:
★ TLV-TWA 1 ppm DTLVS* 4,405,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL, LABEL:CORROSIVE, solid CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL, LABEL:CORROSIVE, solution CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AJ8050000 ACETIC ACID, TRICHLORO-, compd. with 3-(p-CHLOROPHENYL)-1,1-DIMETHYLUREA (1:1)
UPDT:8309 CAS: 140-41-0 MW: 362.05 MOLFM: C2-H-Cl3-O2 . C9-H11-Cl-N2-O
SYN: ACETIC ACID, TRICHLORO-, compd. with N-(4-CHLOROPHENYL)-N,N-DIMETHYLUREA (1:1) (9CI) * 3-(p-CHLOROPHENYL)-1,1-DIMETHYLUREA, TRICHLOROACETATE * GC 2998 * MONURON-TCA * 3-(PARACHLOROPHENYL)-1,1-DIMETHYLUREA, TRICHLOROACETATE * UREA, 3-(p-CHLOROPHENYL)-1,1-DIMETHYL-, compd. with TRICHLOROACETIC ACID (1:1) * UROX * UROX 379 * XORU-OX

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2400 mg/kg 28ZEAL 4,292,69
scu-rbt LD50:1000 mg/kg FMCHA2 -,C249,83

ACETIC ACID, TRICHLORO-, compd. with N'-(4-CHLOROPHENYL)-N,N-DIMETHYLUREA (1:1) (9CI) see: AJ8050000

ACETIC ACID, TRICHLORO-, compd. with N,N-DIMETHYL-N'-PHENYLUREA (1:1) (9CI) see: AJ8225000

AJ8225000 ACETIC ACID, TRICHLORO-, compd. with 1,1-DIMETHYL-3-PHENYLUREA (1:1)
UPDT:8309 CAS: 4482-55-7 MW: 327.61 MOLFM: C9-H12-N2-O . C2-H-Cl3-O2
SYN: ACETIC ACID, TRICHLORO-, compd. with N,N-DIMETHYL-N'-PHENYLUREA (1:1) (9CI) * ACETIC ACID, TRICHLORO-, mixed with UREA, 1,1-DIMETHYL-3-PHENYL- (1:1) * 1,1-DIMETHYL-3-PHENYLUREA, TRICHLOROACETATE * N,N-DIMETHYL-N'-PHENYLURONIUM, TRICHLORACETATE * DOZER * FENURON TCA * FENURON TCA SALT * FENURON TRICHLOROACETATE * GC 2603 * 3-PHENYL-1,1-DIMETHYLUREA, TRICHLOROACETATE * URAB * UREA, 1,1-DIMETHYL-3-PHENYL-, TRICHLOROACETATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4 gm/kg 28ZEAL 4,230,69

ACETIC ACID, TRICHLORO-, ETHYLENE ESTER (2:1) see: KW3730000

AJ8300000 ACETIC ACID, 2,2,2-TRICHLOROETHYL ESTER
UPDT:8408 CAS: 625-24-1 MW: 191.44 MOLFM: C4-H5-Cl3-O2
SYN: ACETIC ACID, ESTER with TRICHLOROETHANOL * TRICHLOROETHYL ACETATE

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:900 mg/kg JPETAB 63,183,38

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AJ8375000 ACETIC ACID, alpha-(TRICHLOROMETHYL)BENZYL ESTER
UPDT:8305 CAS: 90-17-5 MW: 267.54 MOLFM: C10-H9-Cl3-O2
SYN: BENZENEMETHANOL, alpha-(TRICHLOROMETHYL)-, ACETATE (9CI) * BENZYL ALCOHOL, alpha-(TRICHLOROMETHYL)-, ACETATE (9CI) * ROSACETOL * ROSE CRYSTALS * TRICHLOROMETHYLPHENYLCARBINYL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 13,919,75

TOXICITY DATA AND REFERENCES:
orl-rat LD50:6800 mg/kg FCTXAV 13,919,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AJ8380000 ACETIC ACID, TRICHLORO-, METHYL ESTER
UPDT:8401 CAS: 598-99-2 MW: 177.41 MOLFM: C3-H3-Cl3-O2
SYN: METHYL TRICHLOROACETATE * METHYL TRICHLOROACETATE (DOT) * UN 2533 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID, LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AJ8400000 ACETIC ACID, (2,4,5-TRICHLOROPHENOXY)-
UPDT:8408 CAS: 93-76-5 MW: 255.48 MOLFM: C8-H5-Cl3-O3
SYN: ACIDE 2,4,5-TRICHLORO PHENOXYACETIQUE (French) * ACIDO (2,4,5-TRICLORO-FENOSSI)-ACETICO (Italian) * AMINE 2,4,5-T for 8 CE * BCP-BUSHKILLER * BRUSH-OFF 445 LOW VOLATILE BRUSH KILLER * BRUSH RHAP * BRUSHTOX * DACAMINE * DEBROUSSAILLANT CONCENTRE * DEBROUSSAILLANT SUPER CONCENTRE * DECAMINE 4T * DED-WEED BRUSH KILLER * DED-WEED LV-6 BRUSH KIL and T-5 BRUSH KIL * DINOXOL * ENVERT-T * ESTERCIDE T-2 and T-245 * ESTERON * ESTERON 245 * ESTERON 245 BE * ESTERON BRUSH KILLER * FARMCO FENCE RIDER * FENCE RIDER * FORRON * FORST U 46 * FORTEX * FRUITONE A * INVERTON 245 * LINE RIDER * NA 2763 (DOT) * PHORTOX * RCRA WASTE NUMBER U232 * REDDON * REDDOX * SPONTOX * SUPER D WEEDONE * 2,4,5-T (DOT) * TIPPON * TORMONA * TRANSAMINE * TRIBUTON * (2,4,5-TRICHLOORFENOXY)-AZIJNZUUR (Dutch) * 2,4,5-TRICHLOROPHENOXYACETIC ACID * 2,4,5-TRICHLOROPHENOXYACETIC ACID (DOT) * (2,4,5-TRICHLOR-PHENOXY)-ESSIGSAEURE (German) * TRINOXOL * TRIOXON * TRIOXONE * U 46 * VRON * VEON 245 * VERTON 2T * VISKO RHAP LOW VOLATILE ESTER * WEEDAR * WEEDONE * WEEDONE 2,4,5-T

MUTATION DATA AND REFERENCES:
mmo-bcs 1 nmol/plate MSERDS 5,93,81
cyt-dmg-orl 250 ppm MUREAV 65,83,79
sln-dmg-orl 1000 ppm/15D MUREAV 65,83,79
sln-dmg-unk 1000 ppm/15D ECBUDQ 27,182,78
mmo-smc 35 mg/L ECBUDQ 27,193,78
dnd-sal-spr 100 umol/L PYTCAS 11,3135,72
dnd-mam-lym 100 umol/L PYTCAS 11,3135,72
cyt-grb-ipr 250 mg/kg MUREAV 65,83,79
cyt-grb-par 250 mg/kg ECBUDQ 27,182,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:100 mg/kg (8D preg) PHBHA4 9,357,72
1T85 orl-rat TDLo:6 mg/kg (8D preg) EXPEAM 39,891,83
3T72T76T81 orl-rat TDLo:714 mg/kg (MGN) FCTXAV 19,41,81
2T53T59 orl-rat TDLo:27600 ug/kg (10-15D preg) EVSRBT 2,708,73
1T35 orl-rat TDLo:100 mg/kg (11D preg) BEXBAN 76,831,73
1T25 orl-rat TDLo:300 mg/kg (6-10D preg) TJADAB 4,243,71
1T35 scu-rat TDLo:300 mg/kg (13-14D preg) TXAPA9 20,396,71
1T35T50T53 unk-rat TDLo:27600 ug/kg (10-15D preg) NTIS** PB223-160
1T26 unk-rat TDLo:278 mg/kg (10-15D preg) NTIS** PB223-160
1T31 unk-rat TDLo:60 mg/kg (10-15D preg) NTIS** PB223-160
1T71 orl-mus TDLo:200 mg/kg (6-15D preg) TJADAB 23,33,81
2T03T09 orl-mus TDLo:6250 ug/kg (10D male) TXAPA9 25,441,73
1T43 orl-mus TDLo:450 mg/kg (6-15D preg) NSAPCC 272,243,72
1T25 orl-mus TDLo:600 mg/kg (6-15D preg) NSAPCC 272,243,72
1T34 orl-mus TDLo:80 mg/kg (6-15D preg) NSAPCC 272,243,72
1T75 orl-mus TDLo:650 mg/kg (8-12D preg) JTEHD6 10,541,82
3T34T19U01 scu-mus TDLo:1 gm/kg (6-15D preg) TXAPA9 20,396,71
2T43T53 scu-mus TDLo:1 gm/kg (6-15D preg) TXAPA9 20,396,71
1T43 scu-mus TDLo:1 gm/kg (6-15D preg) TXAPA9 22,317,72
3T35T43T25 scu-mus TDLo:450 mg/kg (6-14D preg) APTOA6 32,408,73
2T24T34 ipr-ham TDLo:200 mg/kg (7-11D preg) BECTA6 6,559,71
3T41T42T46 orl-ham TDLo:300 mg/kg (7-11D preg) BECTA6 6,559,71

TUMORIGENIC DATA AND REFERENCES:
3V02M60R60 orl-rat TDLo:3379 mg/kg 33W-C BJCAAI 33,626,76
3V03J60P60 scu-mus TDLo:215 mg/kg NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
orl-rat LD50:300 mg/kg RREVAH 10,97,65
unk-rat LD50:500 mg/kg 30ZDA9 -,171,71
3K05F07L03 orl-mus LD50:389 mg/kg AJVRAH 15,622,54
orl-dog LD50:100 mg/kg PAREAQ 14,225,62
orl-gpg LD50:381 mg/kg PCOC** -,1178,66
orl-ham LD50:425 mg/kg MUREAV 65,83,79
3K05F07L03 orl-ckn LD50:310 mg/kg AJVRAH 15,622,54
orl-mam LD50:500 mg/kg SCIEAS 165,465,69

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, RREVAH 59,1,75; ARPAAQ 94,125,72; DTTIAF 80(20),485,73; RREVAH 56,107,75; ECMAAI 14(3),141,73; BIOGAL 40(2),44,74; STEVAB 2(4),305,74; EVSRBT 2,708,73; VHTODE 22,31,80
★ CARCINOGENIC REVIEW,ANIMAL INDEFINITE IARC** 15,273,77
★ CARCINOGENIC REVIEW,HUMAN INDEFINITE IARC** 15,273,77
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 DTLVS* 4,381,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 mg/m3 (SCP-U) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A, LABEL:NONE CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5001
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ8410000 ACETIC ACID, (2,4,5-TRICHLOROPHENOXY)-, AMMONIUM SALT
UPDT:8308 MW: 272.52 MOLFM: C8-H5-Cl3-O3 . H3-N
SYN: NA 2765 * 2,4,5-TRICHLOROPHENOXYACETIC ACID AMINE ESTER OR SALT (DOT) * (2,4,5-TRICHLOROPHENOXY)ACETIC ACID AMMONIUM SALT

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

AJ8420000 ACETIC ACID, (2,4,5-TRICHLOROPHENOXY)-, 2-BUTOXYETHYL ESTER
UPDT:8404 CAS: 2545-59-7 MW: 355.66 MOLFM: C14-H19-Cl3-O4
SYN: BLADEX H * BUTOXYETHYL 2,4,5-T * HORMOSLYR 500T * 2,4,5-T BUTOXYETHANOL ESTER * 2,4,5-T BUTOXYETHYL ESTER * (2,4,5-TRICHLOROPHENOXY)ACETIC ACID 2-BUTOXYETHYL ESTER * TRINOXOL

MUTATION DATA AND REFERENCES:
cyt-mus-ipr 2400 ug/kg HEREAY 65,123,77

AJ8440000 ACETIC ACID, 2,4,5-TRICHLOROPHENOXY-, 2-BUTOXYPROPYL ESTER
UPDT:8408 CAS: 3084-62-6 MW: 369.69 MOLFM: C15-H19-Cl3-O4
SYN: 2,4,5-T PGBEE * 2,4,5-T PROPYLENE GLYCOL BUTYL ETHER ESTER * 2,4,5-TRICHLOROPHENOXYACETIC ACID, PROPYLENE GLYCOL BUTYL ETHER ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T35T43 orl-mus TDLo:1479 mg/kg (12-15D preg) AECTCV 6,33,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ8485000 ACETIC ACID, (2,4,5-TRICHLOROPHENOXY)-, BUTYL ESTER
UPDT:8404 CAS: 93-79-8 MW: 311.60 MOLFM: C12-H13-Cl3-O3
SYN: ARBORICID * BUTYLATE 2,4,5-T * n-BUTYLESTER KYSELINY 2,4,5-TRICHLORFENOXYOCTOVE (Czech) * BUTYL 2,4,5-T * BUTYL 2,4,5-TRICHLOROPHENOXYACETATE * n-BUTYL (2,4,5-TRICHLOROPHENOXY)ACETATE * FLOMORE * KILEX 3 * KRZEWOTOKS * KRZEWOTOX * 2,4,5-T BUTYL ESTER * 2,4,5-T n-BUTYL ESTER * TORMONA * 2,4,5-TRICHLOROPHENOXYACETIC ACID BUTYL ESTER * TRIOXONE * U46KW

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 2BZPAK -,85,72
eye-rbt 100 mg/24H SEV 2BZPAK -,85,72

MUTATION DATA AND REFERENCES:
cyt-dmg-orl 250 ppm/24H HEREAY 68,115,71
spm-dmg-orl 250 ppm/24H HEREAY 68,115,71
cyt-rat-orl 10 ug/kg GTPZAB 18(4),24,74
cyt-rat-unk 10 ug/kg ECBUDQ 27,182,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T35T72 orl-rat TDLo:2 mg/kg (1-20D preg) GTPZAB 20(8),5,76
2T53T59 orl-rat TDLo:200 ug/kg (7-8D preg) GTPZAB 20(8),5,76
3T25T26T35 orl-mus TDLo:2 mg/kg (1-20D preg) GTPZAB 20(8),15,76
2T34T43 orl-mus TDLo:748 mg/kg (11-13D preg) AECTCV 6,33,77
1T35 orl-mus TDLo:1246 mg/kg (12-15D preg) AECTCV 6,33,77
1T34 orl-mus TDLo:120 mg/kg (6-15D preg) NSAPCC 272,243,72
1T43 orl-mus TDLo:740 mg/kg (6-15D preg) NSAPCC 272,243,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:619 mg/kg 28ZPAK -,85,72

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ8520000 ACETIC ACID, 2,4,5-TRICHLOROPHENOXY-, ISOOCTYL ESTER
UPDT:8408 CAS: 25168-15-4 MW: 367.72 MOLFM: C16-H21-Cl3-O3
SYN: 2,4,5-T ISOOCTYL ESTER * U 46T

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T35T43 orl-mus TDLo:1471 mg/kg (12-15D preg) AECTCV 6,33,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ8575000 ACETIC ACID, (2,4,5-TRICHLOROPHENOXY)-, ISOPROPYL ESTER
UPDT:8404 CAS: 93-78-7 MW: 297.57 MOLFM: C11-H11-Cl3-O3
SYN: ACETIC ACID (2,4,5-TRICHLOROPHENOXY)-, 1-METHYL ESTER (9CI) * 2,4,5-T ISOPROPYL ESTER

TOXICITY DATA AND REFERENCES:
3K05F07L03 orl-rat LD50:495 mg/kg AJVRAH 15,622,54
3K05F07L03 orl-mus LD50:551 mg/kg AJVRAH 15,622,54
3K05F07L03 orl-gpg LD50:449 mg/kg AJVRAH 15,622,54

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, (2,4,5-TRICHLOROPHENOXY)-, 1-METHYL ESTER (9CI) see: AJ8575000

AJ8650000 ACETIC ACID, (2,4,5-TRICHLOROPHENOXY)-, SODIUM SALT
UPDT:8404 CAS: 13560-99-1 MW: 277.46 MOLFM: C8-H4-Cl3-O3-Na
SYN: (2,4,5-TRICHLOROPHENOXY)ACETIC ACID SODIUM SALT * 2,4,5-T SODIUM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T43 orl-mus TDLo:300 mg/kg (12D preg) NSAPCC 272,243,72
1T34 orl-mus TDLo:100 mg/kg (12D preg) NSAPCC 272,243,72

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJ8750000 ACETIC ACID, (2,3,6-TRICHLOROPHENYL)-
UPDT:8403 CAS: 85-34-7 MW: 239.48 MOLFM: C8-H5-Cl3-O2
SYN: BENZENEACETIC ACID, 2,3,6-TRICHLORO- (9CI) * CHLORBENAC * FENAC * FENAE * FENATROL * KANEPAR * TCPA * 2,3,6-TRICHLOROBENZENEACETIC ACID * 2,3,6-TRICHLOROPHENYLACETIC ACID * 2,3,6-TRICHLORPHENYLESSIGSAEURE (German) * TRI-FEN * TRI-FENE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1780 mg/kg FMCHA2 -,C103,83
unk-mam LD50:1700 mg/kg 30ZDA9 -,153,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AJ8970000 ACETIC ACID, ((3,5,6-TRICHLORO-2-PYRIDINYL)OXY)-, 2-BUTOXYETHYL ESTER
UPDT:8309 CAS: 64700-56-7 MW: 356.65 MOLFM: C13-H16-Cl3-N-O4

SYN: GARLON 4 * GARLON 4E * M 4021 * ((3,5,6-TRICHLORO-2-PYRIDINYL)OXY)ACETIC ACID 2-BUTOXYETHYL ESTER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2140 mg/kg FMCHA? -,C242,83

AJ8974000 ACETIC ACID, ((3,5,6-TRICHLORO-2-PYRIDINYL)OXY)-, compd. with N,N-DIETHYLETHANAMINE (1:1)
UPDT:8309 CAS: 57213-69-1 MW: 357.69 MOLFM: C7-H4-Cl3-N-O3 C6-H15-N
SYN: N,N-DIETHYLETHANAMINE compd. with ((3,5,6-TRICHLORO-2-PYRIDINYL)OXY)ACETIC ACID (1:1) * GARLON 3A * M 3724 * ((3,5,6-TRICHLORO-2-PYRIDINYL)OXY)ACETIC ACID compd. with N,N-DIETHYLETHANAMINE (1:1) * TRICLOPYR TRIETHYLAMINE * TRICLOPYR TRIETHYLAMINE SALT

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2140 mg/kg FMCHA2 -,C242,83

AJ9000000 ACETIC ACID, (3,5,6-TRICHLORO-2-PYRIDYLOXY)-
UPDT:8309 CAS: 55335-06-3 MW: 256.47 MOLFM: C7-H4-Cl3-N-O3
SYN: DOWCO 233 * 3,5,6-TRICHLORO-2-PYRIDYLOXYACETIC ACID * TRICLOPYR

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:630 mg/kg FMCHA2 -,C242,83
orl-dck LD50:1693 mg/kg DOEAAH 35,25,79

AJ9100000 ACETIC ACID, TRICHLORO-, SODIUM SALT
UPDT:8408 CAS: 650-51-1 MW: 185.36 MOLFM: C2-Cl3-O2 Na
SYN: ACP GRASS KILLER * ANTIPERZ * ANTYPERZ * DOW SODIUM TCA INHIBITED * GREEN CROSS COUCH GRASS KILLER * NaTa * NATCA * NATRIUMTRICHLOORACETAAT (Dutch) * NATRIUMTRICHLORACETAT (German) * SODIO(TRICLOROACETATO DI) (Italian) * SODIUM TCA * SODIUM TCA INHIBITED * SODIUM (TRICHLOROACETATE DE) (French) * SODIUM TRICHLOROACETATE * STCA * TCA * TCA SODIUM * TRICHLORESSIGSAURES NATRIUM (German) * TRICHLOROACETIC ACID SODIUM SALT * TRICHLOROCTAN SODNY (Czech) * VARITOX * WEEDMASTER GRASS KILLER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3320 mg/kg K5KZAN 18(3),46,80
orl-mus LD50:3600 mg/kg PCOC** -,1061,66
ivn-mus LD50:2370 mg/kg 28ZPAK -,91,72
* orl-ckn LD50:4280 mg/kg DOEAAH 35,25,79
* orl-mam LD50:5000 mg/kg FMCHA2 -,C217,83
unk-mam LD50:3300 mg/kg 30ZDA9 -,121,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AJ9450000 ACETIC ACID, TRICHLORO-, 2-(2,4,5-TRICHLOROPHENOXY)ETHYL ESTER
UPDT:8407 CAS: 25056-70-6 MW: 386.86 MOLFM: C10-H6-Cl6-O3
SYN: HEXANATE * 2,4,5-TRICHLOROPHENOXYETHYL alpha,alpha-TRICHLOROACETATE

TOXICITY DATA AND REFERENCES:
unk-rat LD50:2090 mg/kg HYSAAV 34(4-6),174,69
unk-mus LD50:1200 mg/kg HYSAAV 34(4-6),174,69
unk-rbt LD50:2200 mg/kg HYSAAV 34(4-6),174,69
unk-gpg LD50:2700 mg/kg HYSAAV 34(4-6),174,69

ACETIC ACID, TRICHLORO-, TRIPROPYLSTANNYL ESTER see: WH8715000
ACETIC ACID, TRICHLORO-, mixed with UREA, 1,1-DIMETHYL-3-PHENYL- (1:1) see: AJ8225000
ACETIC ACID, TRIETHYLENE GLYCOL DIESTER see: YE4950000

AJ9625000 ACETIC ACID, TRIFLUORO-
UPDT:8405 CAS: 76-05-1 MW: 114.03 MOLFM: C2-H-F3-O2
SYN: PERFLUOROACETIC ACID * TRIFLUOROACETIC ACID * TRIFLUOROACETIC ACID (DOT) * TRIFLUOROETHANOIC ACID * UN 2699 (DOT)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg 14CYAT 2,1802,63
ipr-mus LDLo:150 mg/kg TXAPA9 15,83,69
1F17 ivn-mus LD50:1200 mg/kg AMEBA7 46,242,68

STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, TRIFLUORO-, TRIETHYLSTANNYL ESTER see: WH8810000

AK0450000 ACETIC ACID, (2,4,6-TRIIODOPHENOXY)-
UPDT:8405 MW: 529.83 MOLFM: C8-H5-I3-O3
SYN: (2,4,6-TRIIODOPHENOXY)ACETIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:750 mg/kg JAPMAB 43,495,54

ACETIC ACID, TRIMETHYL- see: TO7700000

AK0840000 ACETIC ACID, 3,5,5-TRIMETHYLHEXYL ESTER
UPDT:8305 CAS: 58430-94-7 MW: 186.33 MOLFM: C11-H22-O2
SYN: ISONONYL ACETATE * 3,5,5-TRIMETHYLHEXYL ACETATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4250 mg/kg FCTXAV 12,1009,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AK0845000 ACETIC ACID, TRINITRO-
UPDT:8308 MW: 195.06 MOLFM: C2-H-N3-O8
SYN: TRINITROACETIC ACID (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

ACETIC ACID, VETIVEROL ESTER see: CO-870000

AK0875000 ACETIC ACID, VINYL ESTER
UPDT:8411 CAS: 108-05-4 MW: 86.10 MOLFM: C4-H6-O2
SYN: ACETATE DE VINYLE (French) * ACETIC ACID ETHENYL ESTER * 1-ACETOXYETHYLENE * ETHENYL ACETATE * OCTAN WINYLU (Polish) * UN 1301 (DOT) * VAC * VINILE (ACETATO DI) (Italian) * VINYLACETAAT (Dutch) * VINYLACETAT (German) * VINYL ACETATE * VINYL ACETATE (DOT) * VINYL ACETATE M.Q. * VINYL A MONOMER * VINYLE (ACETATE DE) (French) * VYAC * ZESET T

IRRITATION DATA AND REFERENCES:
eye-hmn 22 ppm AIHAAP 30,449,69
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 500 mg open JIHTAB 30,63,48

TUMORIGENIC DATA AND REFERENCES:
3V01N62T64 orl-rat TDLo:100 gm/kg/2Y-C TXAPA9 68,43,83

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2920 mg/kg UCDS** 4/25/58
ihl-rat LCLo:4000 ppm/4H JIHTAB 31,343,49
* orl-mus LD50:1613 mg/kg GISAAA 31(8),19,66
* ihl-mus LC50:1550 ppm/4H DUPON* ES-3574,75
ihl-rbt LC50:2500 ppm/4H DTLVS* 4,426,80
* skn-rbt LD50:2335 mg/kg DUPON* ES-3574,75
1L03 ipr-gpg LDLo:500 mg/kg AIHAAP 35,21,74

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 19,341,79
★ TLV-TWA 10 ppm; STEL 20 ppm DTLVS* 4,426,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VINYL ACETATE recm std-air:CL 15 mg/m3/15M NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 278*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0478-0124
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, VINYL ESTER, CHLOROETHYLENE COPOLYMER see: TR8090000

AK0920000 ACETIC ACID, VINYL ESTER, POLYMERS
UPDT:8403 CAS: 9003-20-7 MOLFM: (C4-H6-O2)n
SYN: ACETIC ACID ETHENYL ESTER HOMOPOLYMER (9CI) * ASAMISOL 1527 * ASB 316 * AYAA * AYAF * AYJV * BAKELITE AYAA * BAKELITE AYAF * BAKELITE AYAT * BAKELITE LP 90 * BOND CH 3 * BOND CH 18 * BOND CH 1200 * BOOKSAVER * BORDEM 2123 * CASCOREZ * CEMEDICIE 196 * CEVIAN 380 * CEVIAN A 678 * D 50 * DANFIRM * DARATAK * DCA 70 * D 50 M * D 50 (POLYMER) * DUVILAX * DUVILAX 80 20 * DUVILAX HN * DUVILAX LM 52 * ELMER'S GLUE ALL * ELVACET 81-900 * EMULTEX P * EN-COR * EP 1208 * EP 1436 * EP 1437 * EP 1663 * ESNIL P 18 * EVERFLEX B * FORMVAR 1285 * GELVA * GELVA 25 * GELVA CSV 16 * GELVA GP 702 * GELVA S 55N * GELVA TS 22 * GELVA TS 23 * GELVA TS 30 * GELVA TS 85 * GELVA V 15 * GELVA V 25 * GELVA V 100 * GELVA V 800 * GOMENSIL E 50Y * GOHSENYL E 50 Y * KURARE OM 100 * LEMAC * LEMAC 1000 * MEIKATEX 5000NG60 * MERCKOGEL OR * MERCKOGEN 6000 * MOKOTEX D 2602 * MOVINYL * MOVINYL 114 * MOVINYL 801 * MOVINYL 50M * MOWILITH 30 * MOWILITH 50 * MOWILITH 70 * MOWILITH 90 * MOWILITH D * MOWILITH DV * MOWILITH M70 * NATIONAL 120-1209 * NATIONAL STARCH 1014 * NS 2842 * OM 100 * OR 1500 * P-170 * POLOFORM F * PLYAMUL 40-155 * PLYAMUL 40-350 * POLISOL S-3 * POLYCO 953 * POLYCO 2116 * POLYCO 2134 * POLYCO 1179R * POLYFOX P 20 * POLYFOX PO * POLYSOL 1000 * POLYSOL 1200 * POLYSOL 1000AX * POLYSOL PS 10 * POLYSOL S 5 * POLYSOL S 6 * POLY(VINYLACETATE) * PROTEX * PROTEX (POLYMER) * PS 36 * PVAE * R 10668 * RAVIFLEX 43 * 76 RES * RESYN 25-1014 * RESYN 25-1025 * RHODOPAS * RHODOPAS 010 * RHODOPAS 5425 * RHODOPAS A 10 * RHODOPAS AM 041 * RHODOPAS B * RHODOPAS BP * RHODOPAS HV 2 * RHODOPAS M * RHODOPAS 5000SMR * RV225-58 * SAKUNOL SN 08 * S-NYL-P 42 * SOLOID * SOVIOL * SP 60 * SP 60 (ESTER) * TOABOND 2 * TOABOND 6 * TOABOND 40H * T52 * UCAR 15 * UCAR 130 * UK 131 * V 501 * VA 0112 * VIMAC * VINAC A50 10 * VINAC B 7 * VINAC RP251 * VINACET D * VINALITE D 50N * VINALITE DS 41/11 * VINAMUL 9300 * VINAPOL A 16 * VINIPAINT 555 * VINNAPAS B * VINNAPAS B 17 * VINNAPAS B 100 * VINNAPAS UW 50 * VINYL ACETATE HOMOPOLYMER * VINYL ACETATE POLYMER * VINYL ACETATE RESIN * VINYLITE AYAF * VINYLITE AYAT * VINYL PRODUCTS R 10688 * WIKOL * WINACET D

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 19,341,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AK0950000 ACETIC ACID, VINYL ESTER, POLYMER with CHLOROETHYLENE
UPDT:8401 CAS: 9003-22-9 MOLFM: (C4-H6-O2 C2-H3-Cl)x
SYN: A15 * A15-D * ACETIC ACID ETHENYL ESTER POLYMER with CHLOROETHENE (9CI) * A 15 (POLYMER) * A 155 * BAKELITE LP 70 * BAKELITE VLFV * BAKELITE VMCC * BAKELITE VSJD 10 * BAKELITE VYHD * BAKELITE VYHH * BAKELITE VYNH * BAKELITE VYNS * BAKELITE VYNW * BREON 351 * BREON 425 * BREON AS 60/41 * CHLOROETHYLENE-VINYL ACETATE POLYMER * CORVIC 51/83 * CORVIC 236581 * CORVIC R 46/88 * DENKA AC 50 / DENKALAC 61 * DENKALAC 41M * DENKA VINYL MM 90 * DIAMOND SHAMROCK 744 * DIAMOND SHAMROCK 7401 * ESLEC C * EXON 450 * EXON 454 * EXON 470 * EXON 481 * EXON 760 * FLOVIC * GEON 135 * GEON 351 * GEON 427 * GEON 427 * GEON 434 * GEON 1038P-J * GEON 440L2 * GEON 1033X * GEON 130X10 * GEON 400X47 * GEON 100X150 * GEON 150XMI * GEON 450X1 spmd * GEON 103 ZX * HOSTAFLEX VP 150 * HOSTALIT PVP * LEUCOVYL PA 1302 * LUCOVYL GA 8302 * LUCOVYL MA 6028 * LUCOVYL PA 1208 * MARVINOL VP 56 * 50ME * NORVINYL P 6 * OPALON 400 * PEVIKON C 870 * PLIOVAC AO * PLIOVIC AO * POLYVINYL CHLORIDE-POLYVINYL ACETATE * PVC CORDO * RESIN 4301 * RHODOPAS 6000 * RHODOPAS AX * RHODOPAS AX 30/10 * RHODOPAS AX 85/15 * S 5 sous * SARPIFAN HP 1 * SCOMATEX * SOLVIC 523KC * SOLVIC PA 513 * SOLVIC S***** * SOLVINC PA 513 * SUMILIT PCX * TEMNIUS 0565 * TYGON * VA 3 (COPOLYMER) * VAGD * VH 10/40 * VILIT 40 * VINNOL H 10/60 * VINNOL H 15/45 * VINNOL H 40/60 * VINYL ACETATE-VINYL CHLORIDE COPOLYMER * VINYL ACETATE VINYL CHLORIDE POLYMER * VINYL CHLORIDE-VINYL ACETATE POLYMER * VINYLITE VGHM * VINYLITE VYDR * VINYLITE VYDR 21 * VINYLITE VYFS * VINYLITE VYHD * VINYLITE VYHH * VINYLITE VYHH-1 * VINYLITE VYNS * VINYLITE VYNW * VINYON * VLVF * VMCC * VYGEN 220 * VYHH * VYNS * VYNW

TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-mus TDLo:1200 mg/kg JNCIAM 58,1443,77

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,377,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ACID, ZINC SALT (8CI,9CI) see: AK1500000

AK1500000 ACETIC ACID, ZINC(II) SALT
UPDT:8402 CAS: 557-34-6 MW: 183.47 MOLFM: C4-H6-O4 Zn
SYN: ACETIC ACID, ZINC SALT (8CI,9CI) * DICARBOMETHOXYZINC * NA 9133 (DOT) * ZINC ACETATE * ZINC ACETATE (DOT) * ZINC DIACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 scu-rat TDLo:80 mg/kg (1D male) CCPTAY 27,521,03
1T22 irg-rbt TDLo:10525 ug/kg (1D pre) CCPTAY 22,659,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2510 mg/kg MarJV# 29MAR77
ipr-mus LD50:57 mg/kg TXAPA9 49,41,79
orl-rbt LDLo:976 mg/kg 27ZWAY 3,3,1925,-
* ivn-rbt LDLo:5 mg/kg AIMDAP 37,641,26

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIC ALDEHYDE see: AB1925000

AK1925000 ACETIC ANHYDRIDE
UPDT:8407 CAS: 108-24-7 MW: 102.10 MOLFM: C4-H6-O3
SYN: ACETIC ACID ANHYDRIDE (9CI) * ACETIC ANHYDRIDE (DOT) * ACETIC OXIDE * ACETYL ANHYDRIDE * ACETYL ETHER * ACETYL OXIDE * ANHYDRIDE ACETIQUE (French) * AMIDRIDE ACETICA (Italian) * AZIJNZUURANHYDRIDE (Dutch) * ESSIGSAEUREANHYDRID (German) * ETHANOIC ANHYDRATE * OCTOWY BEZWODNIK (Polish) * UN 1715 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
skn-rbt 540 mg open MLD UCDS** 8/7/63
eye-rbt 250 ug open SEV AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1780 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:1000 ppm/4H JIHTAB 31,343,49
skn-rbt LD50:4000 mg/kg UCDS** 8/7/63

REVIEW AND REFERENCES:
★ TLV-CL 5 ppm DTLVS* 4,4,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (5CP-L) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S170
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

ACETIC ANHYDRIDE (DOT) see: AK1925000
ACETIC CHLORIDE see: AO6390000
ACETIC-4-CHLOROANILIDE see: AE1001000
ACETIC ETHER see: AH5425000
ACETIC OXIDE see: AK1925000
ACETIC PEROXIDE see: SD8927000
ACETIC PEROXIDE see: SD8927100
ACETICYL see: VO0700000

BEST COPY AVAILABLE

ACETIDIN see: AH5425000
N-(2-ACETILAMINOFENIL)GLUCOSALIL-N'-DIMETILAMINOACETILIDRAZINA (Italian) see: MU7300000
ACETILARSANO see: CF8600000
3-(3-ACETIL-4-(3'-sec-BUTILAMINO-2-IDROXIPROPOXI)FENIL)-1,1-DIETILUREA HCl (Spanish) see: YR6560000
1-ACETIL-3-(4-CLOROFENOSSI)-3-METILISOBUTILAMMINA (Italian) see: AB5824220
1-ACETIL-2-(4-CLOROFENOSSI)-2-METILPROPILAMMINA (Italian) see: AB5827000
ACETYLE DIAZO BLACK N see: BX5020000
ACETYLE DIAZO BLACK P see: BX5020000
ACETYLPROMAZINA see: OB2275000
ACETILSALICILICO see: VO0700000
ACETILUM ACIDULATUM see: VO0700000
ACETIMIDIC ACID see: AB4025000
ACETIMIDIC ACID, N-((METHYLCARBAMOYL)OXY)THIO-, METHYL ESTER (8CI) see: AK2975000

AK2936000 ACETIMIDIC ACID, METHYL ESTER
UPDT:8309 CAS: 14777-29-8 MW: 73.11 MOLFM: C3-H7-N-O
SYN: ETHANIMIDIC ACID, METHYL ESTER * METHYL ACETIMIDATE
MUTATION DATA AND REFERENCES:
dni-hmn:lym 1 mmol/L CNREAB 39,345,79
dni-mam:lym 1 mmol/L CNREAB 39,345,79

ACETIMIDIC ACID, N-((METHYLNITROSOCARBAMOYL)OXY)-2-METHYLTHIO- see: AK2985000

AK2975000 ACETIMIDIC ACID, THIO-N-((METHYLCARBAMOYL)OXY)-, METHYL ESTER
UPDT:8406 CAS: 16752-77-5 MW: 162.23 MOLFM: C5-H10-N2-O2-S
SYN: ACETIMIDIC ACID, N-((METHYLCARBAMOYL)OXY)THIO-, METHYL ESTER (8CI) * ACETIMIDOTHIOIC ACID, METHYL-, N-(METHYLCARBAMOYL) ESTER * DUPONT 1179 * DU PONT INSECTICIDE 1179 * ENT 27,341 * ETHANIMIDOTHIOIC ACID, N-(((METHYLAMINO)CARBONYL)OXY)-, METHYL ESTER (9CI) * IN 1179 * INSECTICIDE 1,179 * LANNATE * LANNATE L * MESOMILE * METHOMYL * N-(((METHYLAMINO)CARBONYL)OXY)ETHANIMIDOTHIOIC ACID METHYL ESTER * N-((METHYLCARBAMOYL)OXY)THIOACETIMIDIC ACID METHYL ESTER * METHYL N-((METHYLAMINO)CARBONYL)OXY)ETHANIMIDOTHIOATE * METHYL-N-((METHYLCARBAMOYL)OXY)THIOACETIMIDATE * S-METHYL N-(METHYLCARBAMOYLOXY)THIOACETIMIDATE * METHYL O-(METHYLCARBAMOYL)THIOLACETOHYDROXAMATE * 2-METHYLTHIO PROPIONALDEHYD-O-(METHYLCARBAMOYL)-OXIM (German) * METOMIL (Italian) * NU-BAIT-R * NUORIN * RCRA WASTE NUMBER P066 * SD 14999 * 2-THIABUTAN-2-ONE, O-(METHYLCARBAMOYL)OXIME * WL 18236
MUTATION DATA AND REFERENCES:
mma-smc 50 ppm RSTUDV 6,161,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:17 mg/kg GUCHAZ 6,336,73
ihl-rat LC50:77 ppm TXAPA9 40,1,77
scu-rat LDLo:9 mg/kg TXAPA9 25,569,73
orl-mus LD50:10 mg/kg JAFCAU 26,550,78
orl-dog LDLo:30 mg/kg TXAPA9 40,1,77
orl-mky LDLo:40 mg/kg TXAPA9 40,1,77
skn-rbt LD50:5880 mg/kg FMCHA2 -,C15C,83
orl-gpg LDLo:15 mg/kg TXAPA9 40,1,77
orl-ckn LDLo:15 mg/kg SHELL*
orl-qal LDLo:15 mg/kg SHELL*
ihl-qal LC50:3680 ppm TXAPA9 40,1,77
orl-dck LD50:15 mg/kg SHELL*
ihl-dck LC50:1890 ppm TXAPA9 40,1,77
orl-bwd LD50:10 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, 85ALAU -,106,77
★ TLV-TWA 2500 ug/m3 DTLVS* 4,257,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK2985000 ACETIMIDIC ACID, THIO-N-((METHYLNITROSOCARBAMOYL)OXY)-, METHYL ESTER
UPDT:8401 CAS: 57117-24-5 MW: 191.23 MOLFM: C5-H9-N3-O3-S
SYN: ACETIMIDIC ACID, N-((METHYLNITROSOCARBAMOYL)OXY)-2-METHYLTHIO- * NITROSO-METHOMYL * NITROSO-2-METHYLTHIOPROPIONALDEHYDE-O-METHYL CARBAMOYL OXIME
MUTATION DATA AND REFERENCES:
mma-sat 1 uL/plate MUREAV 48,225,77
mma-sat 95500 pg/plate MUREAV 56,1,77
mma-esc 100 umol/L IARCCD 14,425,75
dnd-hmn:fbr 10 umol/L MUREAV 44,1,77
TUMORIGENIC DATA AND REFERENCES:
2V01K67 orl-rat TDLo:500 mg/kg:10W-I EESADV 2,413,76
2V01K67 orl-rat TD :500 mg/kg/10W-I IARCCD 19,495,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK3000000 ACETIMIDIC ACID, N-(TRIMETHYLSILYL)-, TRIMETHYLSILYL ESTER
UPDT:8401 CAS: 10416-59-8 MW: 203.48 MOLFM: C8-H21-N-O-Si2
SYN: BIS(TRIMETHYLSILYL)ACETAMIDE * N,O-BIS(TRIMETHYLSILYL)ACETAMIDE * BSA * ETHANIMIDIC ACID, N-(TRIMETHYLSILYL)-, TRIMETHYLSILYL ESTER * N-(TRIMETHYLSILYL)ACETIMIDIC ACID TRIMETHYLSILYL ESTER
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:500 mg/kg/1 JNCIAM 54,495,75
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:750 mg/kg StoGD# 27May75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETIMIDOQUINONE see: AC6960000
ACETIMIDOTHIOIC ACID, METHYL-, N-(METHYLCARBAMOYL) ESTER see: AK2975000
ACETIN see: AK3600000

AK3600000 ACETIN, 1-MONO-
UPDT:8403 CAS: 106-61-6 MW: 134.15 MOLFM: C5-H10-O4
SYN: ACETIC ACID, MONOGLYCERIDE * ACETIN * 2,3-DIHYDROXYPROPYL ACETATE * GLYCEROL 1-ACETATE * GLYCEROL MONOACETATE * GLYCEROL alpha-MONOACETATE * GLYCEROL 1-MONOACETATE * GLYCERYL ACETATE * GLYCERYL MONOACETATE * MONACETIN * MONOACETIN * alpha MONOACETIN * 1-MONOACETIN * MONOACETYL GLYCERINE * 1,2,3-PROPANETRIOL 1-ACETATE (9CI) * 1,2,3-PROPANETRIOL MONOACETATE
MUTATION DATA AND REFERENCES:
mma-sat 3333 ug/plate NTPTB* JAN 82
mma-sat 100 ug/plate NTPTB* JAN 82
TOXICITY DATA AND REFERENCES:
scu-rat LD50:5500 mg/kg PSEBAA 46,26,41
scu-mus LD50:3500 mg/kg PSEBAA 46,26,41

AK3675000 ACETIN, TRI-
UPDT:8403 CAS: 102-76-1 MW: 218.23 MOLFM: C9-H14-O6
SYN: ENZACTIN * FUNGACETIN * GLYCERIN TRIACETATE * GLYCEROL TRIACETATE * GLYCERYL TRIACETATE * GLYPED * REESCOFLEX TRA * RODAFLEX TRIACETIN * 1,2,3-PROPANETRIOL TRIACETATE * TRIACETIN * TRIACETINE * TRIACETYL GLYCERINE * VANAY
IRRITATION DATA AND REFERENCES:
eye-rbt 116 mg JPETAB 82,377,44
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg AMIHAB 21,28,60
ipr-rat LD50:2100 mg/kg FCTXAV 16,879,78
scu-rat LD50:2800 mg/kg PSEBAA 46,26,41
orl-mus LD50:1100 mg/kg FEPRA7 22,368,63
ipr-mus LD50:1400 mg/kg FEPRA7 22,368,63
scu-mus LD50:2300 mg/kg PSEBAA 46,26,41
2F12J25 ivn-mus LD50:1600 mg/kg APSCAM 40,338,57
" ivn-dog LD50:1500 mg/kg FCTXAV 16,879,78
" ivn-rbt LD50:750 mg/kg FCTXAV 16,879,78
" orl-frg LDLo:150 mg/kg FCTXAV 16,879,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACETIODONE see: DG0888000
ACETISAL see: VO0700000
ACETISOEUGENOL see: SL7940000
ACETKABROMAL see: YR6475000
ACETMIN see: SI0875000

AK4100000 ACETOACETAMIDE, N-2-THIAZOLYL-
UPDT:8403 CAS: 7335-87-3 MW: 184.23 MOLFM: C7-H8-N2-O2-S
SYN: 3-OXO-N-PHENYLBUTANAMIDE * N-2-THIAZOLYLACETOACETAMIDE
TOXICITY DATA AND REFERENCES:
" ivn-mus LD50:180 mg/kg CSLNX* NX#03629

AK4580000 ACETOACETANILIDE, 2,2'-((3,3'-DICHLORO-4,4'-BIPHENYLYLENE)DIAZO)BIS-
UPDT:8412 CAS: 6358-85-6 MW: 629.54 MOLFM: C32-H26-Cl2-N6-O4
SYN: AMAZON YELLOW X2485 * BENZIDINE (ACQUER YELLOW G * BENZIDENE YELLOW ABZ 245 * BENZIDENE YELLOW WD 266 (WATER DISPERSIBLE) * BENZIDENE YELLOW YB 1 * BENZIDINE YELLOW * BENZIDINE YELLOW 45-2650 * BENZIDINE YELLOW 45-2680 * BENZIDINE YELLOW 45-2685 * BENZIDINE YELLOW E * BENZIDINE YELLOW J * BENZIDINE YELLOW GF * BENZIDINE YELLOW GR * BENZIDINE YELLOW GT * BENZIDINE YELLOW G1R * BENZIDINE YELLOW HG * BENZIDINE YELLOW HG PLV * BENZIDINE YELLOW TONER * BENZIDINE YELLOW TONER YA 8081 * BENZIDINE YELLOW TONER YT-378 * BIS(ACETYL-N-PHENYLCARBAMYLMETHYL)-4,4'-DISAZO-3,3'-DICHLOROBIPHENYL * BRILLIANT YELLOW SLURRY * BUTANAMIDE, 2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(3-OXO-N-PHENYL- (9CI) * CARNELIO YELLOW GK * C.I. 21090 * C.I. PIGMENT YELLOW 12 * DAINICHI BENZIDINE YELLOW G * DAINICHI BENZIDINE YELLOW GRF * DAINICHI BENZIDINE YELLOW GT * DAINICHI BENZIDINE YELLOW GY * DAINICHI BENZIDINE YELLOW GYT * DIARYLIDE YELLOW AAA * DIARYLIDE YELLOW FF 552D * DALTOLITE FAST YELLOW GT * DIARYLANILIDE YELLOW * 2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)-BIS(AZO))BIS(3-OXO-N-PHENYL) BUTANAMIDE * ELJON YELLOW BG * GRAPHTOL YELLOW 4-NG * HANCOCK YELLOW 10010 * HELIC YELLOW GW * HELIOYELLOW GW * HELIO YELLOW GWN * IRGALITE YELLOW BG * IRGALITE YELLOW BGT * IRGALITE YELLOW BTR * ISOL BENZIDINE YELLOW G * ISOL BENZIDINE YELLOW G 2537 * ISOL BENZIDINE YELLOW GAPROPYL * ISOL BENZIDINE YELLOW GBPROPYL * ISOL BENZIDINE YELLOW G SPECIAL * KROMON YELLOW GRT CONC * KROMON YELLOW MTR * LIGHT YELLOW JB * LIGHT YELLOW JBO * LIGHT YELLOW JBT * LODESTONE YELLOW YB 57 * MONOLITE YELLOW GRA * MONOLITE YELLOW 2GRA * MONOLITE YELLOW GT * MONOLITE YELLOW GTA * MONOLITE YELLOW GTN * MONOLITE YELLOW GTNA * MONOLITE YELLOW GTS * NCI-C03209 * NO. 49 CONC BENZIDINE YELLOW * PERMANENT YELLOW DHG * PERMANENT YELLOW GHG * PIGMENT YELLOW 12 * PIGMENT YELLOW GT * RANGOON YELLOW * RECOLITE YELLOW BG * RECOLITE YELLOW BGT * SANYO BENZIDINE YELLOW B * SEGNALE LIGHT YELLOW 2GB * SEGNALE LIGHT YELLOW 2GBT * SILOTON YELLOW GTR * SILOTON YELLOW 3GR * SYMULER FAST YELLOW GP * VERONA YELLOW E 7781 * VULCAFOR FAST YELLOW GT * VULCAFOR FAST YELLOW GTA * VULCOL FAST YELLOW GR
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED:RESULTS NEGATIVE,MOUSE,RAT (NCITR* NCI-CG-TR-30,78)
REPORTED IN EPA TSCA INVENTORY, 1983

ACETOACETANILIDE, 4'-ETHOXY- see: AK5800000
ACETOACETIC ACID, 2-ACETOXYETHYL ESTER see: EK7943000

AK4900000 ACETOACETIC ACID, 2-ACETYL-, METHYL ESTER
UPDT:8407 CAS: 4619-66-3 MW: 158.17 MOLFM: C7-H10-O4
SYN: BUTANOIC ACID, 2-ACETYL-3-OXO-, METHYL ESTER (9CI) * METHYL DIACETOACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 5 mg SEV AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1700 mg/kg JIHTAB 30,63,48

AK5100000 ACETOACETIC ACID, BUTYL ESTER
UPDT:8407 CAS: 591-60-6 MW: 158.22 MOLFM: C8-H14-O3
SYN: BUTANOIC ACID, 3-OXO-, BUTYL ESTER * BUTYL ACETOACETATE
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:11260 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AK5225000 ACETOACETIC ACID, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER
UPDT:8305 CAS: 10032-00-5 MW: 224.33 MOLFM: C13-H20-O3
SYN: BUTANOIC ACID, 3-OXO-, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E)- (9CI) * GERANYL ACETOACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,767,78

AK5250000 ACETOACETIC ACID, ETHYL ESTER
UPDT:8403 CAS: 141-97-9 MW: 130.16 MOLFM: C6-H10-O3
SYN: ACETOACETIC ESTER * ACTIVE ACETYL ACETATE * DIATANOIC ACID 3-OXO- ETHYL ESTER * DIACETIC ETHER * EAA * ETHYL ACETOACETATE * ETHYL ACETYL ACETATE * ETHYL ACETYLACETONATE * ETHYL 3-OXOBUTANOATE * ETHYL 3-OXOBUTYRATE * 3-OXOBUTANOIC ACID ETHYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 510 mg open MLD UCDS** 3/12/69
eye-rbt 23 mg AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3980 mg/kg JIHTAB 31,60,49
orl-mus LD50:5105 mg/kg JPMSAE 60,1810,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AK5600000 ACETOACETIC ACID, 2-HYDROXYETHYLACRYLATE ESTER
UPDT:8307 CAS: 21282-96-2 MW: 200.21 MOLFM: C9-H12-O5
SYN: ACETOACETIC ACID, 2-HYDROXYETHYL ESTER, ACRYLATE (8CI) * 2-ACETOACETOXYETHYL ACRYLATE * BUTANOIC ACID, 3-OXO-, 2-((1-OXO-2-PROPENYL)OXY)ETHYL ESTER (9CI)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1300 mg/kg TXAPA9 28,313,74
skn-rbt LD50:280 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETOACETIC ACID, 2-HYDROXYETHYL ESTER, ACRYLATE (8CI) see: AK5600000

AK5775000 ACETOACETIC ACID, METHYL ESTER
UPDT:8407 CAS: 105-45-3 MW: 116.13 MOLFM: C5-H8-O3
SYN: ACETOACETIC METHYL ESTER * BUTANOIC ACID, 3-OXO-, METHYL ESTER (9CI) * METHYLACETOACETATE * METHYL ACETYLACETATE * METHYL ACETYLACETONATE * METHYL 3-OXOBUTYRATE * 3-OXOBUTANOIC ACID METHYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
skn-rbt 500 mg/24H MLD FCTXAV 16,815,78
eye-rbt 2 mg SEV AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3228 mg/kg JIHTAB 30,63,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AK5800000 ACETOACETIC ACID, p-PHENETIDIDE
UPDT:8307 CAS: 122-82-7 MW: 221.28 MOLFM: C12-H15-N-O3
SYN: ACETOACETANILIDE, 4'-ETHOXY- * p-ACETOACETOPHENETIDIDE * ACETOACET-p-PHENETIDIDE * BUTANAMIDE, N-(4-ETHOXYPHENYL)-3-OXO- (9CI) * 4-ETHOXYACETOACETANILIDE * 4'-ETHOXYACETOACETANILIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:176 mg/kg FRPSAX 19,822,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETOACETIC ACID, 1,1,1-TRIHYDROXY-METHYLPROPANE TRIESTER see: TY6670000
ACETOACETIC ESTER see: AK5250000
ACETOACETIC METHYL ESTER see: AK5775000
ACETOACETONE see: SA1925000
p-ACETOACETOPHENETIDIDE see: AK5800000
2-ACETOACETOXYETHYL ACRYLATE see: AK5600000
ACETOACET-p-PHENETIDIDE see: AK5800000
p-ACETOAMINOANILINE see: AD8225000
m-ACETOAMINOBENZOIC ACID see: CB2455000
ACETOAMINOFLUORENE see: AB9450000
ACETO m-AMINOTOLUENE see: AN2875000
ACETOAMLIDE see: AD7350000
ACETOARSENITE DE CUIVRE (French) see: GL6475000
ACETO AZIN see: UG6800000
ACETOBUTOLOL HYDROCHLORIDE see: BS9225000
ACETO-CAUSTIN see: AJ7875000
ACETOCID see: AC8450000
ACETO DIPP see: ST2100000
ACETO DMPT 40 see: XA5250000
ACETO DMPT 80 see: XA5250000
ACETO DMPT 100 see: XA5250000
2-ACETOFLUORENE see: OB3800000
ACETOGUAIACON see: AM8800000
ACETOGUAIACONE see: AM8800000
ACETOHEXAMIDE see: YR7350000
ACETO HMT see: MN4775000
ACETOHYDRAZIDE see: AI1225000

AK8157000 ACETOHYDROXAMIC ACID
UPDT:8307 CAS: 546-88-3 MW: 75.08 MOLFM: C2-H5-N-O2
SYN: ACETAMIDE, N-HYDROXY- * ACETOHYDROXAMSAURE (German) * ACETIC ACID, OXIME * ACETOHYDROXIMIC ACID * ACETYLHYDROXAMIC ACID * AHA * HYDROXYLAMINE, N-ACETYL- * METHYLHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mma-sat 160 umol/plate JOPHDQ 3,557,80
mma-sat 160 umol/plate JOPHDQ 3,557,80
dnr-bcs 250 umol/disc JOPHDQ 3,557,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3I2ST42Y46 ipr-rat TDLo:750 mg/kg (12D preg) JMASAE 2,221,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK8225000 ACETOHYDROXAMIC ACID, N-4-BIPHENYLYL-
UPDT:8403 CAS: 4463-22-3 MW: 227.28 MOLFM: C14-H13-N-O2
SYN: ACETAMIDE, N-(1,1'-BIPHENYL)-4-YL-N-HYDROXY- (9CI) * N-ACETYL-4-BIPHENYLHYDROXYLAMINE * 4-BIPHENYLACETOHYDROXAMIC ACID * N-(4-BIPHENYLYL)ACETOHYDROXAMIC ACID * N-HYDROXY-AABP * N-HYDROXY-4-ACETAMIDOBIPHENYL * N-4-(N-HYDROXYACETAMIDO)BIPHENYL * N-HYDROXY-4-ACETAMIDOBIPHENYL * N-HYDROXY-4-ACETYLAMINOBIPHENYL * N-HYDROXY-N-4-BIPHENYLACETAMIDE
MUTATION DATA AND REFERENCES:
dnd-rat-ipr 25 mg/kg COINAV 256,115,77
dns-rat:oth 10 umol/l CNREA8 42,3974,82
dns-mus:oth 10 umol/l CNREA8 42,3974,82
mnt-ham:ovr 290 umol/l MUREAV 88,397,81
sce-ham:ovr 1440 umol/l MUREAV 88,397,81
dns-dog:oth 1 umol/l CNREA8 42,3974,82
TUMORIGENIC DATA AND REFERENCES:
3V03D45R60 orl-rat TDLo:2400 mg/kg/16W-C CNREA8 21,1465,61
3V01L60R60 ipr-rat TDLo:91 mg/kg CNREA8 41,2450,81
2V03M60 imp-mus TDLo:80 mg/kg BJCAAI 22,625,68
3V03D45R60 ipr-rat TD :1400 mg/kg/21W-I CNREA8 21,1465,61
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK8225600 ACETOHYDROXAMIC ACID, N-(4-BIPHENYLYL)-, ACETATE
UPDT:8303 MW: 269.32 MOLFM: C16-H15-N-O3
SYN: N-ACETOXY-4-ACETYLAMINOBIPHENYL * N-(4-BIPHENYLYL)ACETOHYDROXAMIC ACID ACETATE
MUTATION DATA AND REFERENCES:
mma-bcs 7 mol CNREA8 30,1473,70
oms-bcs 10 gm/L CNREA8 30,1473,70
dns-ham:fbr 10 mmol/L/5H IJCNAW 16,284,75
cyt-ham:ovr 2900 nmol/L MUREAV 88,397,81
sce-ham:ovr 2900 nmol/L MUREAV 88,397,81

AK8315500 ACETOHYDROXAMIC ACID, N-(2-CARBAMOYL-3,3-DIMETHYL-7-OXO-4-THIA-1-AZABICYCLO(3.2.0)HEPT-7-YL)-2-PHENYL-
UPDT:8408 MW: 364.48 MOLFM: C17-H22-N3-O4-S
SYN: N-METHOXY-BENZYLPENICILLAMIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:3 gm/kg AACHAX -,619,67

AK8336000 ACETOHYDROXAMIC ACID, N-(p-CHLOROPHENYL)-
UPDT:8412 CAS: 1503-91-9 MW: 185.62 MOLFM: C8-H8-Cl-N-O2
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:190 mg/kg 49RQAC 1,140,82

ACETOHYDROXAMIC ACID, N-(p-ETHOXYPHENYL)- (BCI) see: AK8380000

AK8380000 ACETOHYDROXAMIC ACID, N-(4-ENIOXYPHENYL)-
UPDT:8411 CAS: 19315-66-1 MW: 195.24 MOLFM: C10-H13-N-O3
SYN: ACETAMIDE, N-(4-ETHOXYPHENYL)-N-HYDROXY- (9CI) * ACETOHYDROXAMIC ACID, N-(p-ETHOXYPHENYL)- (BCI) * p-ACETOPHENETIDIDE, N-HYDROXY- * N-(4-ETHOXYPHENYL)ACETOHYDROXAMIC ACID * N-HYDROXY-p-ACETOPHENETIDIDE * N-HYDROXYPHENACETIN
MUTATION DATA AND REFERENCES:
mma-sat 500 ug/plate MUREAV 58,367,78
otr-mus:emb 100 ug/L NCIMAV 58,21,81
TUMORIGENIC DATA AND REFERENCES:
3V02L60M61 orl-rat TDLo:15 gm/kg/73W-C PTLGAX 8,1,76
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:750 mg/kg 49RQAC 1,140,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 13,141,77
★ CARCINOGENIC REVIEW ANIMAL INDEFINITE IARC** 24,135,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK8400000 ACETOHYDROXAMIC ACID, N-FLUOREN-1-YL-
UPDT:8401 CAS: 22251-01-0 MW: 239.29 MOLFM: C15-H13-N-O2
SYN: 1-FLUORENYLACETHYDROXAMIC ACID * N-FLUOREN-1-YLACETOHYDROXAMIC ACID * N-HYDROXY-1-FLUORENYLACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 ipr-rat TDLo:603 mg/kg/4W-I CNREA8 30,1485,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK8575000 ACETOHYDROXAMIC ACID, N-FLUOREN-2-YL-
UPDT:8412 CAS: 53-95-2 MW: 239.29 MOLFM: C15-H13-N-O2
SYN: ACETAMIDE, N-9H-FLUOREN-2-YL-N-HYDROXY- (9CI) * ACETAMIDE, N-HYDROXY-N-(2-FLUORENYL)- * FLUORENYL-2-ACETHYDROXAMIC ACID * N-FLUOREN-2-YLACETOHYDROXAMIC ACID * N-2-FLUORENYLACETOHYDROXAMIC ACID * N-HYDROXY-AAF * N-HYDROXY-2-ACETAMIDOFLUORENE * 2-(N-HYDROXYACETYLAMIDO)FLUORENE * N-HYDROXY-N-ACETYL-2-AMINOFLUORENE * N-HYDROXY-2-ACETYLAMINOFLUORENE * N-HYDROXY-2-FAA * N-HYDROXY-N-2-FLUORENYLACETAMIDE * NOHFAA
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate JJINDS 62,873,79
mma-sat 1 ug/plate BANRDU 2,125,79
dnd-sat 20 mg/L ENMUDM 5,565,83
dnr-esc 10 mg/L JJINDS 62,873,79
dnd-esc 25 umol/L MUREAV 89,95,81
slt-dmg-par 10 mmol/L IJCNAW 9,284,72
mma-nsc 50 ug/plate MUREAV 53,297,78
mrc-smc 800 ppm JJINDS 62,901,79
mma-osn 100 mg/L MUREAV 97,293,82
dnd-salspe 5 mmol CNREA8 34,319,74
dnd-hamkba 25 umol/L MUREAV 89,95,81
dns-ham:fbr 100 umol/L/5H IJCNAW 16,284,75
dns-ham:kba 100 nmol/L CNREA8 38,2621,78
dns-ham:oth 1 umol/L JJINDS 69,557,82
dni-ham:lym 7 umol/L BBRCA9 45,630,71
sce-ham:lym 150 ug/L CNREA8 40,4775,80
otr-rat:lvr 100 ug/L/4W CNREA8 33,606,73
otr-rat:emb 1070 ug/L JJINDS 67,1303,81
oms-rat-ipr 8 mg/kg CBINAB 23,293,78
dnd-rat-ivn 20 mg/kg CBINAB 1,211,69/70
dnd-rat:lvr 50 umol/L PAACA3 25,91,84
dnd-rat-ipr 4 mg/kg CALEDQ 2,259,77
dnd-rat-orl 10 mg/kg CNREA8 42,1348,82
dns-rat:lvr 125 ng/L CALEDQ 5,173,78
dns-rat:oth 100 nmol/L CNREA8 42,3974,82
dns-rat:oth 3200 umol/L SHKKAN 22,300,80
oms-rat-ipr 20 mg/kg MOPMA3 11,36,75
cyt-rat-ipr 8 mg/kg CBINAB 23,293,78
msc-rat:lvr 10 umol/L ENMUDM 2,278,80
otr-mus:fbr 40 ug/L JJINDS 67,1303,81
otr-mus:mar 1 mg/L CNREA8 39,1784,79
dnd-mus-ipr 5 gm/L BICMBS 59,775,77
dnd-mus:oat 25 umol/L MUREAV 89,95,81
dnd-mus:lvr 20 umol/L CRNGDP 5,797,84
dns-mus:lvr 125 ug/L BANRDU 2,125,79
dns-mus:oth 500 umol/L CNREA8 42,3974,82
mnt-ham:ovr 500 umol/L MUREAV 88,397,81
otr-ham:emb 5 mg/L JJINDS 67,1303,81
otr-ham:emb 5 mg/L NATUAS 235,278,72
dnd-ham:lng 10 umol/L/2H BBRCA9 72,732,76
cyt-ham:lng 5 mg/L JNCIAM 59,289,77
sce-ham:ovr 100 ume/L/31H MUREAV 45,263,77
sce-ham:lng 5 mg/L JNCIAM 59,289,77
dnd-mam:lym 5 mmol CNREA8 34,319,74
dns-dog:oth 100 nmol/L CNREA8 42,3974,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1725 ipr-mus TDLo:150 mg/kg (1D male) TXAPA9 23,288,72
TUMORIGENIC DATA AND REFERENCES:
3V01M61R60 orl-rat TDLo:1000 mg/kg CNREA8 26,619,66
3V01L60R60 ipr-rat TDLo:120 mg/kg/4W-I CNREA8 32,1554,72
3V01D45V10 scu-rat TDLo:102 mg/kg/3W-I CNREA8 25,527,65
3V01N60R60 par-rat TDLo:2991 ug/kg CRNGDP 3,233,82
2V02R60 imp-rat TDLo:24 mg/kg CNREA8 37,111,77
3V01K60R60 orl-mus TDLo:27 gm/kg/60W-C CNREA8 24,2018,64
2V02V16 imp-mus TDLo:160 mg/kg ANYAA9 108,924,63
2V03M60 orl-rbt TDLo:9800 mg/kg/56W-I CNREA8 27,838,67
2V01V30 ipr-rbt TDLo:3880 mg/kg/40W-I CNREA8 27,838,67
2V01K60 orl-gpg TDLo:13 gm/kg/94W-C CNREA8 24,2018,64
3V01T63V10 ipr-gpg TDLo:4700 mg/kg/26W-I CNREA8 24,2018,64
2V01K60 orl-ham TDLo:8640 mg/kg/32W-C CNREA8 24,2018,64
2V31V30 ipr-ham TDLo:1250 mg/kg/26W-I CNREA8 24,2018,64
2V01L60 orl-rat TD :1075 mg/kg/16W-C ENDOAQ 82,685,68
2V01R60 ipr-rat TD :540 mg/kg/4W-I CNREA8 27,1443,67
2V01R60 ipr-rat TD :237 mg/kg/4W-I CNREA8 30,1485,70
2V02L60 orl-rat TD :806 mg/kg/12W-C IJCNAW 2,337,67
3V01D45R60 scu-rat TD :225 mg/kg/7W-I CNREA8 25,527,65
2V01R60 orl-rat TD :2677 mg/kg/32W-C PCTXAV 11,199,73
3V01D45V10 scu-rat TD :216 mg/kg/8W-I CNREA8 27,1600,67
2V02L60 orl-rat TD :1344 mg/kg/20W-C IJCNAW 2,337,67
3V01R60V10 scu-rat TD :485 mg/kg/9W-I CNREA8 31,1645,71
2V02V10 scu-rat TD :61 mg/kg/5W-I CNREA8 37,1481,77
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:52 mg/kg CNREA8 35,2959,75
ipr-mus LD50:1500 mg/kg JJINDS 62,911,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; ADCSAJ 13,271,70; BLFSBY 24,253,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK8750000 ACETOHYDROXAMIC ACID, N-FLUOREN-3-YL-
UPDT:8401 CAS: 22225-32-7 MW: 239.29 MOLFM: C15-H13-N-O2
SYN: 3-FLUORENYLACETHYDROXAMIC ACID * N-FLUOREN-3-YLACETOHYDROXAMIC ACID * N-HYDROXY-3-FAA * N-HYDROXY-3-FLUORENYLACETAMIDE
TUMORIGENIC DATA AND REFERENCES:
2V01R60 orl-rat TDLo:3000 mg/kg/21W-C CNREA8 35,447,75
2V01R60 ipr-rat TDLo:280 mg/kg/4W-I JNCIAM 60,433,78
2V02R60 imp-rat TDLo:24 mg/kg CNREA8 37,111,77
2V02R60 ipr-rat TD :270 mg/kg/4W-I CNREA8 30,1485,70
3V03R60V10 imp-rat TD :24 mg/kg CNREA8 33,2489,73
2V03R60 imp-rat TD :40 mg/kg JNCIAM 60,433,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK8925000 ACETOHYDROXAMIC ACID, N-FLUOREN-2-YL-, COBALT(2+) COMPLEX
UPDT:8401 CAS: 14751-87-2 MW: 535.49 MOLFM: C30-H24-N2-O4-Co

BEST COPY AVAILABLE

SYN: COBALT, BIS(N-(9H-FLUOREN-2-YL)-N-HYDROXYACETAMIDATO-O,O')-, (9CI) * COBALT N-FLUOREN-2-YLACETOHYDROXAMATE * COBALT SALTS * N-FLUOREN-2-YLACETOHYDROXAMIC ACID, Co-SALT(2:1) COMPLEX * N-HYDROXY-2-ACETYLAMINOFLUORENE COBALTOUS CHELATE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:160 mg/kg/4W-I CNREA8 25,527,65
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT from std (as none given NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK9100000 ACETOHYDROXAMIC ACID, N-FLUOREN-2-YL-, COPPER(2 +) COMPLEX
UPDT:8401 CAS: 14751-90-7 MW: 548.10 MOLFM: C30-H24-N2-O4-Cu
SYN: COPPER chelate of N-HYDROXY-2-ACETYLAMINOFLUORENE * CUPRIC CHELATE of 2-N-HYDROXYFLUORENYLACETAMIDE * N-FLUOREN-2-YLACETOHYDROXAMIC ACID, COPPER(2 +) COMPLEX * N-HYDROXY-2-ACETYLAMINOFLUORENE, CUPRIC CHELATE * N-HYDROXY-N-2-FLUORENYLACETAMIDE, CUPRIC CHELATE * 2-N-HYDROXYFLUORENYLACETAMIDE, CUPRIC CHELATE

TUMORIGENIC DATA AND REFERENCES:
3V03L60R60 orl-rat TDLo:12 gm/kg/17W-C CNREA8 25,527,65
3V02R60V10 scu-rat TDLo:160 mg/kg/4W-I CNREA8 25,527,65
2V03V10 scu-rbt TDLo:120 mg/kg/6W-I CNREA8 27,838,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK9275000 ACETOHYDROXAMIC ACID, FLUOREN-2-YL-O-GLUCURONIDE
UPDT:8401 CAS: 2695-56-7 MW: 431.43 MOLFM: C21-H21-N-O9
SYN: O-GLUCURONIDE N-HYDROXY-2-ACETYLAMINOFLUORENE * N-HYDROXY-2-ACETYLAMINOFLUORENE-O-GLUCURONIDE

TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 scu-rat TDLo:850 mg/kg/9W-I CNREA8 31,1645,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK9450000 ACETOHYDROXAMIC ACID, N-FLUOREN-2-YL-, IRON(3 +) COMPLEX
UPDT:8401 CAS: 63904-81-4 MW: 796.69 MOLFM: C45-H36-N3-O6-Fe
SYN: N-FLUOREN-2-YLACETOHYDROXAMIC ACID, IRON(3 +) COMPLEX * N-HYDROXY-2-ACETYLAMINOFLUORENE, FERRIC CHELATE * IRON complex with N-FLUOREN-2-YLACETOHYDROXAMIC ACID

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 scu-rat TDLo:160 mg/kg/4W-I CNREA8 25,527,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK9625000 ACETOHYDROXAMIC ACID, N-FLUOREN-2-YL-, MANGANESE(2 +) COMPLEX
UPDT:8401 CAS: 14751-74-7 MW: 531.50 MOLFM: C30-H24-N2-O4-Mn
SYN: N-FLUOREN-2-YLACETOHYDROXAMIC ACID, MANGANESE(2 +) COMPLEX * N-HYDROXY-2-ACETYLAMINOFLUORENE, MANGANOUS CHELATE * MANGANESE complex with N-FLUOREN-2-YLACETOHYDROXAMIC ACID

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 scu-rat TDLo:160 mg/kg/4W-I CNREA8 25,527,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AK9800000 ACETOHYDROXAMIC ACID, N-FLUOREN-2-YL-, NICKEL(2 +) COMPLEX
UPDT:8401 CAS: 14751-76-9 MW: 538.27 MOLFM: C30-H24-N2-O4-Ni
SYN: N-FLUOREN-2-YLACETOHYDROXAMIC ACID, NICKEL(2 +) COMPLEX * N-HYDROXY-2-ACETYLAMINOFLUORENE, NICKELOUS CHELATE * NICKEL complex with N-FLUOREN-2-YLACETOHYDROXAMIC ACID

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 scu-rat TDLo:160 mg/kg/4W-I CNREA8 25,527,65
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL0175000 ACETOHYDROXAMIC ACID, N-FLUOREN-2-YL-, POTASSIUM SALT
UPDT:8401 CAS: 6023-26-3 MW: 278.29 MOLFM: C15-H13-N-O2-K
SYN: N-FLUOREN-2-YLACETOHYDROXAMIC ACID, POTASSIUM SALT * N-HYDROXY-2-ACETYLAMINOFLUORENE, POTASSIUM SALT * POTASSIUM N-FLUOREN-2-YLACETOHYDROXAMATE

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 scu-rat TDLo:160 mg/kg/4W-I CNREA8 25,527,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL0275000 ACETOHYDROXAMIC ACID, N-FLUOREN-2-YL-, SULFATE ESTER
UPDT:8401 CAS: 16918-85-8 MW: 319.33 MOLFM: C15-H13-N-O5-S
SYN: N-FLUOREN-2-YLACETOHYDROXAMIC ACID SULFATE * SULFATE ESTER of N-HYDROXY-N-2-FLUORENYLACETAMIDE * N-SULFONOXY-AAF * N-SULFONOXY-N-ACETYL-2-AMINOFLUORENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:255 mg/kg/15W-I CNREA8 37,1461,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL0300000 ACETOHYDROXAMIC ACID, N-(FLUOREN-2-YL)-O-TETRADECANOYL-
UPDT:8401 CAS: 63224-46-2 MW: 449.60 MOLFM: C29-H39-N-O3
SYN: N-ACETYL-N-MYRISTOYLOXY-2-AMINOFLUORENE * N-ACETYL-N-TETRADECANOYLOXY-2-AMINOFLUORENE * N-(FLUOREN-2-YL)-O-TETRADECANOYLACETOHYDROXAMIC ACID * N-MYRISTOYLOXY-AAF * N-MYRISTOYLOXY-N-ACETYL-2-AMINOFLUORENE

MUTATION DATA AND REFERENCES:
dns-hmn:fbr 10 umol/L/5H IJCNAW 16,284,75
msc-ham:lng 50 umol/L/3H CALEDQ 6,67,79

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:114 mg/kg/5W-I CNREA8 37,1461,77
2V01V10 scu-rat TD:115 mg/kg/6W-I CRNGDP 2,655,81

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL0350000 ACETOHYDROXAMIC ACID, N-FLUOREN-2-YL-, ZINC COMPLEX
UPDT:8401 CAS: 16891-92-6 MW: 541.93 MOLFM: C30-H24-N2-O4-Zn
SYN: N-FLUOREN-2-YLACETOHYDROXAMIC ACID, ZINC COMPLEX * N-HYDROXY-2-ACETYLAMINOFLUORENE, ZINC CHELATE * ZINC N-FLUOREN-2-YLACETOHYDROXAMATE

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 scu-rat TDLo:160 mg/kg/4W-I CNREA8 25,527,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL0450000 ACETOHYDROXAMIC ACID, N-(4'-FLUORO-4-BIPHENYLYL)-
UPDT:8302 CAS: 76299-55-1 MW: 349.37 MOLFM: C14-H12-F-N-O2
SYN: N-(4'-FLUORO-4-BIPHENYLYL)ACETOHYDROXAMIC ACID * N-HYDROXY-N-(4'-FLUOROBIPHENYL)ACETAMIDE

MUTATION DATA AND REFERENCES:
dnd-rat ipr 25 mg/kg COINAV 256,115,77

AL0525000 ACETOHYDROXAMIC ACID, N-(7-FLUOROFLUOREN-2-YL)-
UPDT:8401 CAS: 2508-18-1 MW: 257.28 MOLFM: C15-H12-F-N-O2
SYN: 7-FLUORO-2-AAA * 7-FLUORO-2-N-(FLUORENYL)ACETOHYDROXAMIC ACID * 7-FLUORO-N-(FLUOREN-2-YL)ACETOHYDROXAMIC ACID * N-(7-FLUORO-2-FLUORENYL)ACETOHYDROXAMIC ACID * 7-FLUORO-N-HYDROXY-N-2-ACETYLAMINOFLUORENE * N-HYDROXY-7-FLUORO-2-ACETYLAMINOFLUORENE

MUTATION DATA AND REFERENCES:
mma-sat 40 nmol/plate MUREAV 67,85,79

TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:675 mg/kg/10W-C CNREA8 26,2239,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL0700000 ACETOHYDROXAMIC ACID, N-(7-HYDROXYFLUOREN-2-YL)-
UPDT:8401 CAS: 16481-87-1 MW: 255.29 MOLFM: C15-H13-N-O3
SYN: N-(7-HYDROXYFLUOREN-2-YL)ACETOHYDROXAMIC ACID * N-HYDROXY-N-(7-HYDROXY-2-FLUORENYL)ACETAMIDE

TUMORIGENIC DATA AND REFERENCES:
2V01R60 ipr-rat TDLo:540 mg/kg/4W-I CNREA8 27,1443,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL0788000 ACETOHYDROXAMIC ACID, N-METHYL-
UPDT:8305 CAS: 13115-24-7 MW: 89.11 MOLFM: C3-H7-N-O2
SYN: ACETAMIDE, N-HYDROXY-N-METHYL- (9CI) * N-METHYLACETOHYDROXAMIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3I25T34T42 ipr-rat TDLo:300 mg/kg (12D preg) JMXSAE 2,230,74
1T46 ipr-rat TDLo:200 mg/kg (12D preg) JMXSAE 2,230,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL1030000 ACETOHYDROXAMIC ACID, N-(2-PHENANTHRENYL)-
UPDT:8408 MW: 251.30 MOLFM: C16-H13-N-O2
SYN: N-HYDROXY-2-ACETYLAMINOPHENANTHRENE * N-(2-PHENANTHRENYL)ACETOHYDROXAMIC ACID

MUTATION DATA AND REFERENCES:
dns-hmn:fbr 100 umol/L GMCRDC 17,3,75

AL1050000 ACETOHYDROXAMIC ACID, N-2-PHENANTHRYL-
UPDT:8405 CAS: 2438-51-9 MW: 251.30 MOLFM: C16-H13-N-O2
SYN: ACETAMIDE, N-HYDROXY-N-2-PHENANTHRENYL- (9CI) * 2-(N-HYDROXYACETAMIDO)PHENANTHRENE * N-HYDROXY-2-ACETYLAMINOPHENANTHRENE * 2-PHENANTHRYLACETOHYDROXAMIC ACID * N-2-PHENANTHRYLACETOHYDROXAMIC ACID

MUTATION DATA AND REFERENCES:
oms-bcs 10 gm/L CNREA8 30,1473,70
dns-hmn:fbr 10 umol/L/5H IJCNAW 16,284,75
dnd-rat-ipr 40 mg/kg CRNGDP 5,231,84

TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 scu-rat TDLo:30 mg/kg/4W-I CNREA8 26,2239,66

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL1056000 ACETOHYDROXAMIC ACID, N-(2-PHENANTHRYL)-, ACETATE
UPDT:8209 MW: 293.34 MOLFM: C18-H15-N-O3
SYN: N-ACETOXY-2-ACETYLAMINOPHENANTHRENE * N-(2-PHENANTHRYL)ACETOHYDROXAMIC ACID ACETATE

MUTATION DATA AND REFERENCES:
mmo-bcs 14 mol CNREA8 30,1473,70
oms-bcs 10 gm/L CNREA8 30,1473,70
dns-hmn:fbr 10 mmol/L/5H IJCNAW 16,284,75
dnd-mam:lym 1500 umol/L CNREA8 37,3887,77

AL1225000 ACETOHYDROXAMIC ACID, N-(p-PHENETHYL)PHENYL-
UPDT:8401 CAS: 33384-03-1 MW: 255.34 MOLFM: C16-H17-N-O2
SYN: N-HYDROXY-4-ACETYLAMINOBIBENZYL * N-HYDROXY-4-PHENETHYLACETANILIDE * N-(p-PHENETHYL)PHENYLACETOHYDROXAMIC ACID

MUTATION DATA AND REFERENCES:
dns-hmn:fbr 100 umol/L/5H IJCNAW 16,284,75

TUMORIGENIC DATA AND REFERENCES:
2V02R60 ipr-rat TDLo:380 mg/kg/3W-I CNREA8 24,128,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL1400000 ACETOHYDROXAMIC ACID, N-(4-QUINOLYL)-
UPDT:8401 CAS: 63040-20-0 MW: 202.22 MOLFM: C11-H10-N2-O2
SYN: MONOACETYL 4-HYDROXYAMINOQUINOLINE * N-(4-QUINOLYL)ACETOHYDROXAMIC ACID

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:98 mg/kg/20W-I JJEMAG 40,475,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL1600000 ACETOHYDROXAMIC ACID, N-(p-STYRYLPHENYL)-
UPDT:8408 CAS: 18559-95-0 MW: 253.32 MOLFM: C16-H15-N-O2
SYN: ACETAMIDE, N-HYDROXY-N-(4-(2-PHENYLETHENYL)PHENYL)- (9CI) * 4-(N-HYDROXYACETAMIDO)STILBENE * N-HYDROXY-4-ACETYLAMINOSTILBENE * N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACID

MUTATION DATA AND REFERENCES:
dns-hmn:fbr 50 umol/L GMCRDC 17,3,[illegible]

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:100 mg/kg CSENX* NX#02989

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AL1750000 ACETOHYDROXAMIC ACID, trans-N-(p-STYRYLPHENYL)-
UPDT:8405 CAS: 843-23-2 MW: 253.32 MOLFM: C16-H15-N-O2
SYN: HAAS * trans-N-HYDROXY-AAS * trans-N-HYDROXY-4-ACETAMIDOSTILBENE * trans-N-HYDROXY-4-ACETYLAMINOSTILBENE * trans-N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACID

MUTATION DATA AND REFERENCES:
mma-sat 2500 pmol/plate JMCMAR 25,593,82
mrc-smc 10 ppm ZEKBAI 74,412,70
dnd-rat-ivn 40 mg/kg CRNGDP 5,231,84

TUMORIGENIC DATA AND REFERENCES:
2V01D45 orl-rat TDLo:140 mg/kg/20W-I ZEKBAI 74,200,70
3V01R60V10 scu-rat TDLo:34 mg/kg/4W-I CNREA8 24,128,64
3V01D45V10 scu-rat TD:37 mg/kg/4W-I BJCAAI 22,133,68
3V01D45K60 orl-rat TD:468 mg/kg/32W-C BJCAAI 22,133,68
3V01D45K60 orl-rat TD:273 mg/kg/13W-I CNREA8 24,128,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL1800000 ACETOHYDROXAMIC ACID, N-(p-STYRYLPHENYL)-, ACETATE
UPDT:8405 MW: 295.36 MOLFM: C18-H17-N-O3
SYN: N-ACETOXY-4-ACETAMIDOSTILBENE * N-ACETOXY-4-ACETYLAMINOSTILBENE * N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACID ACETATE

MUTATION DATA AND REFERENCES:
ams-ami 3 gm/L CBINAB 26,47,79
dns-hmn:fbr 10 mmol/L/5H IJCNAW 16,284,75
dns-hmn:hla 100 nmol/L CNREA8 38,2621,78
dnd-mam:lym 1375 mg/L CBINAB 26,47,79

AL1925000 ACETOHYDROXAMIC ACID, trans-N-(p-STYRYLPHENYL)-, COPPER(2 +) COMPLEX
UPDT:8401 CAS: 63021-62-5 MW: 568.16 MOLFM: C32-H28-N2-O4-Cu
SYN: COPPER complex with trans-N-(p-STYRYLPHENYL)-ACETOHYDROXAMIC ACID * trans-N-HYDROXY-4-ACETYLAMINOSTILBENE CUPRIC CHELATE * trans-N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACID COPPER(2 +) COMPLEX

TUMORIGENIC DATA AND REFERENCES:
3V01K60V10 scu-rat TDLo:30 mg/kg/1W-I CNREA8 24,128,64
2V01R60 scu-rat TD:75 mg/kg/4W-I CNREA8 24,128,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETOHYDROXIMIC ACID see: AK8157000
ACETOIN see: EL8790000

ACETOL see: AB2800000
ACETOL see: UC2800000
ACETOL see: VC0700000
ACETOMESIDIDE see: AE8225000
ACETOMETHOXAN see: AH1350000
ACETOMETHOXANE see: AH1350000
ACETOMORFINE see: QC8050000
ACETOMORPHINE see: QC8050000

AL2850000 ACETOMYCIN
DEF: An antibiotic produced by STREPTOMYCES RAMULOSUS. (85ERAY 2,905,78)
MW: 214.24 MOLFM: C10-H14-O5
UPDT:8309

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:100 mg/kg 85ERAY 2,905,78

ACETON (German, Dutch, Polish) see: AL3150000
ACETONANIL see: TQ2625000
ACETONANIL see: VB4900000
beta-ACETONAPHTHALENE see: AL2988000
1-ACETONAPHTHALENE see: AL2982800
ACETONAPHTHONE see: AL2988000
alpha-ACETONAPHTHONE see: AL2982800
beta-ACETONAPHTHONE see: AL2988000
1-ACETONAPHTHONE see: AL2982800

AL2982800 1'-ACETONAPHTHONE
UPDT:8401 CAS: 941-98-0 MW: 170.22 MOLFM: C12-H10-O
SYN: 1-ACETONAPHTHALENE * alpha-ACETONAPHTHONE * 1-ACETONAPHTHONE * 1-ACETYLNAPHTHALENE * ETHANONE, 1-(1-NAPHTHALENYL)- (9CI) * alpha-METHYL NAPHTHYL KETONE * METHYL alpha-NAPHTHYL KETONE * METHYL 1-NAPHTHYL KETONE * 1-(1-NAPHTHALENYL)ETHANONE * alpha-NAPHTHYL METHYL KETONE * 1-NAPHTHYL METHYL KETONE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),755,82

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1560 mg/kg FCTOD7 20(Suppl),755,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-ACETONAPHTHONE see: AL2988000

AL2988000 2'-ACETONAPHTHONE
UPDT:8305 CAS: 93-08-3 MW: 170.22 MOLFM: C12-H10-O
SYN: beta-ACETONAPHTHALENE * ACETONAPHTHONE * beta-ACETONAPHTHONE * 2-ACETONAPHTHONE * beta-ACETYLNAPHTHALENE * 2-ACETYLNAPHTHALENE * ETHANONE, 1-(2-NAPHTHALENYL)- (9CI) * KETONE, METHYL 2-NAPHTHYL * METHYL beta-NAPHTHYL KETONE * METHYL 2-NAPHTHYL KETONE * beta-METHYL NAPHTHYL KETONE * 1-(2-NAPHTHALENYL)ETHANONE * beta-NAPHTHYL METHYL KETONE * 2-NAPHTHYL METHYL KETONE * ORANGER CYRSTALS

IRRITATION DATA AND REFERENCES:
skn-hmn 100% FCTXAV 13,867,75

TOXICITY DATA AND REFERENCES:
orl-mus LD50:599 mg/kg MDZEAK 8,244,67

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AL3031000 2'-ACETONAPHTHONE, 3'-ETHYL-5',6',7',8'-TETRAHYDRO-5',5',8',8'-TETRAMETHYL-
UPDT:8309 CAS: 88-29-9 MW: 258.44 MOLFM: C18-H26-O
SYN: 7-ACETYL-6-ETHYL-1,1,4,4-TETRAMETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE * ACETYLETHYLTETRAMETHYLTETRALIN * 6-ACETYL-1,1,4,4-TETRAMETHYL-7-ETHYL-1,2,3,4-TETRALIN * AETT * ETHANONE, 1-(3-ETHYL-5,6,7,8-TETRAHYDRO-5,5,8,8-TETRAMETHYL-2-NAPHTHALENYL)- (9CI) * 3-ETHYL-5,6,7,8-TETRAHYDRO-5',5',8',8'-TETRAMETHYL-2'-ACETONAPHTHONE * 1-(3-ETHYL-5,6,7,8-TETRAHYDRO-5,5,8,8-TETRAMETHYL-2-NAPHTHALENYL)-ETHANONE * MUSK 36A * POLYCYCLIC MUSK * VERSALIDE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 17,357,79

TOXICITY DATA AND REFERENCES:
3F13F19R21 orl-rat LD50:260 mg/kg FCTXAV 19,753,81
3F07F11F13 ipr-rat LD50:126 mg/kg FCTXAV 17,357,79
3F07F11F13 scu-rat LD50:584 mg/kg FCTXAV 17,357,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL3060000 1'-ACETONAPHTHONE, 2-HYDROXY-4'-(2-HYDROXYPROPOXY)-
UPDT:8407 CAS: 73627-74-9 MW: 260.31 MOLFM: C15-H16-O4
SYN: 2-HYDROXY-4'-(2-HYDROXYPROPOXY)-1'-ACETONAPHTHONE * 2-PROPANOL, 1-(4-HYDROXYACETYL-1-NAPHTHYLOXY)-

TOXICITY DATA AND REFERENCES:
orl-mus LD50:6900 mg/kg JMCMAR 7,167,64

ACETONCIANHIDRINEI (Romanian) see: OD9275000
ACETONCIANIDRINA (Italian) see: OD9275000
ACETONCYAANHYDRINE (Dutch) see: OD9275000
ACETONCYANHYDRIN (German) see: OD9275000

AL3150000 ACETONE
UPDT:8407 CAS: 67-64-1 MW: 58.09 MOLFM: C3-H6-O
SYN: ACETON (German, Dutch, Polish) * ACETONE (DOT) * CHEVRON ACETONE * DIMETHYLFORMALDEHYDE * DIMETHYLKETAL * DIMETHYL KETONE * KETONE, DIMETHYL * KETONE PROPANE * beta-KETOPROPANE * METHYL KETONE * PROPANONE * 2-PROPANONE * PYROACETIC ACID * PYROACETIC ETHER * RCRA WASTE NUMBER U002 * UN 1090 (DOT)

IRRITATION DATA AND REFERENCES:
eye-hmn 500 ppm JIHTAB 25,282,43
skn-rbt 395 mg open MLD UCDS** 5/7/70
eye-rbt 3950 ug SEV AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:
cyt-rpc 200 mmol/tube HEREAY 33,457,47
sln-smc 47600 ppm ANYAA9 407,186,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ihl-mam TCLo:31500 ug/m3/24H (1-13D preg) GTPZAB 26(6),24,82

TOXICITY DATA AND REFERENCES:
1A11 ihl-man TDLo:440 ug/m3/6M GISAAA 42(8),42,77
1Y44 ihl-man TDLo:10 mg/m3/6H GISAAA 42(8),42,77
3D07D25J30 ihl-hmn TCLo:500 ppm JIHTAB 25,282,43
2K13F18 ihl-man TCLo:12000 ppm/4H AOHYA3 16,73,73
unk-man LDLo:1159 mg/kg 85DCAI 2,73,70
2F05F17 orl-rat LD50:7400 mg/kg KBAMAJ 12(2),67,78
ihl-rat LCLo:16000 ppm/4H AIHAAP 23,95,62
ipr-rat LDLo:500 mg/kg JPPMAB 11,150,59
orl-mus LD50:3000 mg/kg PCJOAU 14,162,80
ihl-mus LCLo:110000 mg/m3/62M AGGHAR 5,1,33
ipr-mus LD50:1297 mg/kg SCCUR* -,1,61
orl-dog LDLo:24 gm/kg AEXPBL 18,218,1884
ipr-dog LDLo:8 gm/kg AEXPBL 18,218,1884
scu-dog LDLo:5 gm/kg AEXPBL 18,218,1884
skn-rbt LD50:20 gm/kg UCDS** 5/7/70
scu-gpg LDLo:5000 mg/kg AGGHAR 5,1,33

REVIEW AND REFERENCES:
★ TLV-TWA 750 ppm; STEL 1000 ppm DTLVS* 4,5,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-A) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KETONES recm std-air:TWA 590 mg/m3 NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1300
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETONE, ACETONYL- see: MO3150000
ACETONE, ACETYL- see: SA1925000
ACETONE AMIL see: VB4900000
ACETONE, BIS(ETHYL SULFONE) see: TX3850000
ACETONE O-CARBANILOYLOXIME see: AL6900000
ACETONE, CHLORO- see: UC0700000
ACETONE CHLOROFORM see: UC0175000
ACETONECYANHYDRINE (French) see: OD9275000
ACETONE CYANOHYDRIN see: OD9275000
ACETONE CYANOHYDRIN (DOT) see: OD9275000
ACETONE CYANOHYDRIN, stabilized (DOT) see: OD9275000
ACETONE, CYCLIC (HYDROXYMETHYL)ETHYLENE ACETAL see: JI0400000
ACETONE DIETHYLSULFONE see: TX3850000
ACETONE (DOT) see: AL3150000
ACETONE, HEXACHLORO- see: UC2100000
ACETONE, HEXAFLUORO- see: UC2450000
ACETONE, HEXAFLUORO-, HYDRATE see: UC2625000
ACETONE, HEXAFLUORO-, SESQUIHYDRATE see: UC2660000

AL5890000 ACETONE, 1-((2-HYDROXYPROPYL)-NITROSOAMINO)-
UPDT:8412 MW: 160.20 MOLFM: C6-H12-N2-O3
SYN: HPOP * 1-((2-HYDROXYPROPYL)-NITROSOAMINO)ACETONE * N-NITROSO(2-HYDROXYPROPYL)(2-OXOPROPYL)AMINE

MUTATION DATA AND REFERENCES:
mma-sat 2 umol/plate MUREAV 77,215,80
mma-sat 2 umol/plate MUREAV 77,215,80
dnd-rat-ipr 20 mg/kg CRNGDP 3,715,82
dnd-rat:ath 25 mg/L CBINAB 48,59,84
dnd-ham:ath 1 mg/L CBINAB 48,59,84
msc-ham:lng 200 umol/L CNREAB 40,3463,80

TUMORIGENIC DATA AND REFERENCES:
3V01V10J60 skn-ham TDLo:1900 mg/kg/50W-I CALEDQ 10,163,80
3V01J60K60 scu-ham TDLo:817 mg/kg/43W-I CNREAB 39,3828,79
3V02J60K60 scu-ham TD :500 mg/kg/53W-I CNREAB 39,3828,79
3V01J60L60 orl-ham TD :1008 mg/kg/21W-C JJINDB 72,685,84

TOXICITY DATA AND REFERENCES:
scu-ham LD50:354 mg/kg CNREAB 39,3828,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETONE, ISOPROPYLIDENE see: SB4200000
ACETONE, METHYL- see: EL6475000
ACETONE, METHYLENE see: EM9800000

AL6500000 ACETONE, (4-(5-NITRO-2-FURYL)THIAZOL-2-YL)HYDRAZONE
UPDT:8401 CAS: 18523-69-8 MW: 266.30 MOLFM: C10-H10-N4-O3-S
SYN: 2-(2-ISOPROPYLIDENEHYDRAZONO)-4-(5-NITRO-2-FURYL)-THIAZOLE * (4-(5-NITRO-2-FURYL)THIAZOL-2-YL)HYDRAZONOACETONE

TUMORIGENIC DATA AND REFERENCES:
3V02M61R60 orl-rat TDLo:16 gm/kg/45W-C FEPRA7 25,419,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL6700000 ACETONE OIL
UPDT:8308
SYN: ACETONE OIL (DOT) * UN 1091 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

ACETONE OIL (DOT) see: AL6700000
ACETONE OXIMES N-PHENYLCARBAMATE see: AL6900000

AL6900000 ACETONE, OXIME, O-(PHENYLCARBAMATE)
UPDT:8408 CAS: 2628-42-4 MW: 192.24 MOLFM: C10-H12-N2-O2
SYN: ACETONE O-CARBANILOYLOXIME * ACETONE OXIME N-PHENYLCARBAMATE * ACETONE OXIME PHENYLURETHANE * ACETONE, O-(PHENYLCARBAMOYL)OXIME (8CI) * O-(N-PHENYLCARBAMOYL)PROPANONOXIM (German) * O-(N-PHENYLCARBAMOYL)PROPANONOXIME * 2-PROPAMONE, O-((PHENYLAMINO)CARBONYL)OXIME (9CI) * PROXIMPHAM (German) * PROXYPHAM

TOXICITY DATA AND REFERENCES:
3F18F19J22 orl-rat LD50:1540 mg/kg FCTXAV 8,517,70
unk-rat LD50:3000 mg/kg 30ZDA9 -,204,71
orl-mus LD50:1300 mg/kg 85DPAN -,-,71,76

ACETONE OXIME PHENYLURETHANE see: AL6900000
ACETONE, O-(PHENYLCARBAMOYL)OXIME (8CI) see: AL6900000
ACETONNELVETICOSOL (German) see: FM4920350 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY3,4-O-(1-METHYLETHYLIDENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14,19-TRIHYDROXY-
ACETONIC ACID see: OD2800000
ACETONITRIL (German, Dutch) see: AL7700000

AL7700000 ACETONITRILE
UPDT:8412 CAS: 75-05-8 MW: 41.06 MOLFM: C2-H3-N
SYN: ACETONITRIL (German, Dutch) * ACETONITRILE (DOT) * CYANOMETHANE * CYANURE DE METHYL (French) * ETHANENITRILE * ETHYL NITRILE * METHANECARBONITRILE * METHANE, CYANO- * METHYL CYANIDE * NA 1648 (DOT) * NCI-C60822 * RCRA WASTE NUMBER U003 * UN 1648 (DOT) * USAF EK-488

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
skn-rbt 500 mg open MLD UCDS** 3/18/65
eye-rbt 20 mg open SEV JIHTAB 30,63,48

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-ham TDLo:300 mg/kg (8D preg) TJADAB 27,313,83
1T25 orl-ham TDLo:400 mg/kg (8D preg) TJADAB 27,313,83
2T25T41 ihl-ham TCLo:5000 ppm/1H (8D preg) TJADAB 27,313,83
2T34T46 ihl-ham TCLo:8000 ppm/1H (8D preg) TJADAB 27,313,83

TOXICITY DATA AND REFERENCES:
3F12K13U20 orl-hmn TDLo:570 mg/kg APTOA6 41,340,77
orl-rat LD50:3800 mg/kg JIHTAB 30,63,48
ihl-rat LCLo:8000 ppm/4H JIHTAB 31,343,49
ipr-rat LD50:850 mg/kg JOCMA7 1,634,59
scu-rat LD50:5000 mg/kg JOCMA7 1,634,59
ivn-rat LD50:1680 mg/kg JOCMA7 1,634,59
orl-mus LD50:269 mg/kg ARTODN 55,47,84

BEST COPY AVAILABLE

1L30 ihl-mus LC50:2612 ppm/1H CTOXAO 18,991,81
3D26F19J22 ipr-mus LD50:175 mg/kg TXAPA9 59,589,81
scu-mus LDLo:700 mg/kg AIPTAK 12,447,04
ivn-mus LD50:612 mg/kg 85GMAT -,16,82
ihl-dog LCLo:16000 ppm/4H JOCMA7 1,634,59
ihl-cat LC50:18 gm/m3 85GMAT -,16,82
ihl-rbt LCLo:4000 ppm/4H JOCMA7 1,634,59
skn-rbt LD50:1250 mg/kg UCDS** 3/18/65
scu-rbt LDLo:130 mg/kg 85ESA3 9,9,76
orl-gpg LD50:177 mg/kg JOCMA7 1,634,59
ihl-gpg LCLo:16000 ppm/4H JOCMA7 1,634,59
scu-frg LDLo:9100 mg/kg AIPTAK 5,161,1899

REVIEW AND REFERENCES:
★ TLV-TWA 40 ppm; STEL 60 ppm DTLVS* 4,6,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 40 ppm (SCP-L) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITRILES recm std-air:TWA 34 mg/m3 NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1606
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0578-0149
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL7702000 ACETONITRILE, (o-ACETYLANILINO)-
UPDT:8403 MW: 174.22 MOLFM: C10-H10-N2-O
SYN: (o-ACETYLANILINO)ACETONITRILE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:398 mg/kg FRPSAX 38,847,83

AL7800000 ACETONITRILE, AMINO-, BISULFATE
UPDT:8303 CAS: 151-63-3 MW: 154.16 MOLFM: C2-H4-N2-H2-O4-S
SYN: ACETONITRILE, AMINO-, SULFATE (1:1) (8CI) * AMINOACETONITRILE BISULFATE * AMINOACETONITRILE HYDROGEN SULFATE * AMINOACETONITRILE HYDROSULFATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T35T41 orl-ham TDLo:400 mg/kg (7D preg) ACATA5 100,347,78
1T46 orl-ham TDLo:400 mg/kg (7D preg) ACATA5 100,347,78
1T34 orl-ham TDLo:800 mg/kg (7D preg) ACATA5 100,347,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETONITRILE, AMINO-, MONOHYDROCHLORIDE (9CI) see: MC1956000
ACETONITRILE, AMINO-, SULFATE (1:1) see: AL7800000

AL7833000 ACETONITRILE, o-ANISIDINO-
UPDT:8403 CAS: 28354-25-8 MW: 162.21 MOLFM: C9-H10-N2-O
SYN: o-ANISIDINOACETONITRILE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:722 mg/kg FRPSAX 38,847,83

AL8010000 ACETONITRILE, BROMOCHLORO-
UPDT:8311 MW: 154.40 MOLFM: C2-H-Br-Cl-N
SYN: BROMOCHLOROACETONITRILE * BROMOCHLOROMETHYL CYANIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate ENMUDM 5,447,83

AL8050000 ACETONITRILE, BROMOPHENYL-
UPDT:8312 CAS: 5798-79-8 MW: 196.06 MOLFM: C8-H6-Br-N
SYN: ACETIC ACID, BROMOPHENYL, NITRILE * BBC * BBN * BENZENEACETONITRILE, alpha-BROMO- (9CI) * BROMBENZYL CYANIDE * alpha-BROMOBENZYL CYANIDE * BROMOBENZYL CYANIDE (DOT) * BROMOBENZYLNITRILE * alpha-BROMOBENZYLNITRILE * alpha-BROMOPHENYLACETONITRILE * alpha-BROMO-alpha-TOLUNITRILE * CA * CAMITE * UN 1694 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-hmn LC50:3500 mg/m3 SCJUAD 4,33,67
orl-rat LDLo:100 mg/kg NCNSA6 5,32,53
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL8060000 ACETONITRILE, (m-BROMOPHENYL)-
UPDT:8312 CAS: 31938-07-5 MW: 196.06 MOLFM: C8-H6-Br-N
SYN: BENZENEACETONITRILE, 3-BROMO- (9CI) * m-BROMOBENZYL CYANIDE * m-BROMOBENZYL CYANIDE (DOT) * 3-BROMOPHENYLACETONITRILE * UN 1694 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

AL8090000 ACETONITRILE, (p-BROMOPHENYL)-
UPDT:8312 CAS: 16532-79-9 MW: 196.06 MOLFM: C8-H6-Br-N
SYN: BENZENEACETONITRILE, 4-BROMO- (9CI) * 4-BROMOBENZENEACETONITRILE * p-BROMOBENZYL CYANIDE * 4-BROMOBENZYLCYANIDE * p-BROMOBENZYL CYANIDE (DOT) * p-BROMOPHENYLACETONITRILE * 2-(4-BROMOPHENYL)ACETONITRILE * 4-BROMOPHENYLACETONITRILE * UN 1694 (DOT)
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:56 mg/kg CSLNX* NX#03252
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AL8225000 ACETONITRILE, CHLORO-
UPDT:8411 CAS: 107-14-2 MW: 75.50 MOLFM: C2-H2-Cl-N
SYN: CHLOROACETONITRILE * CHLOROACETONITRILE * alpha-CHLOROACETONITRILE * 2-CHLOROACETONITRILE * CHLOROACETONITRILE (DOT) * CHLOROMETHYL CYANIDE * MONOCHLOROACETONITRILE * MONOCHLOROMETHYL CYANIDE * UN 2668 (DOT) * USAF KF-5
IRRITATION DATA AND REFERENCES:
skn-rbt 14 mg/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:220 mg/kg AIHAAP 23,95,62
* ihl-rat LCLo:250 ppm/4H AIHAAP 23,95,62
orl-mus LD50:139 mg/kg ARTODN 55,47,84
ipr-mus LD50:100 mg/kg NTIS** AD277-689
1R10 skn-rbt LD50:71 mg/kg AIHAAP 23,95,62
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172,102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL8465000 ACETONITRILE, DICHLORO-
UPDT:8311 CAS: 3018-12-0 MW: 109.94 MOLFM: C2-H-Cl2-N
SYN: DICHLOROACETONITRILE * DICHLOROMETHYL CYANIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate ENMUDM 5,447,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AL8575000 ACETONITRILE, (DIETHYLAMINO)-
UPDT:8407 CAS: 3010-02-4 MW: 112.20 MOLFM: C6-H12-N2
SYN: N,N-DIETHYLAMINOACETONITRILE * GLYCINONITRILE, N,N-DIETHYL- * NITRIL KISELINY DIETHYLAMINOOCTOVE (Czech)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
eye-rbt 750 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:160 mg/kg AMIHBC 4,119,51
ihl-rat LC50:125 ppm/4H AMIHBC 4,119,51
skn-rbt LD50:360 mg/kg AMIHBC 4,119,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL8600000 ACETONITRILE, ((2-(DIETHYLAMINO)ETHYL)AMINO)PHENYL-
UPDT:8411 MW: 231.38 MOLFM: C14-H21-N3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg YKKZAJ 76,1175,56

AL8650000 ACETONITRILE, (N-(2-(DIETHYLAMINO)ETHYL)ANILINO)PHENYL-
UPDT:8311 MW: 307.48 MOLFM: C20-H25-N3
SYN: N-beta-DIETHYLAMINOETHYLANILINO alpha-PHENYLACETONITRILE (French) * (N-(2-(DIETHYLAMINO)ETHYL)ANILINO)PHENYLACETONITRILE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:420 mg/kg APFRAD 14,566,56

AL9325000 ACETONITRILE, 3,4-DIMETHOXYPHENYL-
UPDT:8302 CAS: 93-17-4 MW: 177.22 MOLFM: C10-H11-N-O2
SYN: BENZENEACETONITRILE, 3,4-DIMETHOXY- (9CI) * 3,4-DIMETHOXYBENZYL CYANIDE * 3,4-DIMETHOXYPHENYLACETONITRILE * HOMOVERATRONITRILE * VERATRYL CYANIDE
TOXICITY DATA AND REFERENCES:
2F07F29 unk-rat LD50:1500 mg/kg GTPZAB 26(2),55,82
2F07F29 orl-mus LD50:1029 mg/kg GTPZAB 26(2),55,82
* ivn-mus LD50:178 mg/kg CSLNX* NX#00302

AL9450000 ACETONITRILE, (DIMETHYLAMINO)-
UPDT:8404 CAS: 926-64-7 MW: 84.14 MOLFM: C4-H8-N2
SYN: N-(CYANOMETHYL)DIMETHYLAMINE * DIMETHYLAMINOACETONITRILE * 2-DIMETHYLAMINOACETONITRILE (DOT) * GLYCINONITRILE, N,N-DIMETHYL- * UN 2378 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:50 mg/kg AIHAAP 23,95,62
ihl-rat LCLo:250 ppm/4H AIHAAP 23,95,62
* skn-rbt LD50:170 mg/kg EPASR* FYI-OTS-0483-0238
2D25D35 scu-rbt LDLo:100 mg/kg EPASR* FYI-OTS-0483-0238
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID;LABEL:FLAMMABLE LIQUID & POISON CFRGBR 49,172.102,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AL9800000 ACETONITRILE, DIPHENYL-
UPDT:8403 CAS: 86-29-3 MW: 193.26 MOLFM: C14-H11-N
SYN: BENZENEACETONITRILE, alpha-PHENYL- (9CI) * BENZYHYDRYLCYANIDE * alpha-CYANODIPHENYLMETHANE * DIPAN * DIPHENATRILE * DIPHENYLACETONITRILE * DIPHENYL-alpha-CYANOMETHANE * DIPHENYLMETHYLCYANIDE * alpha-PHENYLBENZYLCYANIDE * alpha-PHENYLPHENYLACETONITRILE * USAF KF-13
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:61 gm/kg/78W-I NTIS** PB223-159
3V01J60P60 scu-mus TDLo:464 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3500 mg/kg RREVAH 10,97,65
ipr-mus LD50:200 mg/kg NTIS** AD691-490
* ivn-mus LD50:100 mg/kg CSLNX* NX#04134
unk-mam LD50:3500 mg/kg 30ZDA9 -,155,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETONITRILE (DOT) see: AL7700000

AM0700000 ACETONITRILE, 3-INDOLYL-
UPDT:8309 CAS: 771-51-7 MW: 156.20 MOLFM: C10-H8-N2
SYN: 3-(CYANOMETHYL)INDOLE * 3-INDOLACETONITRILE * INDOLEACETONITRILE * INDOLE-3-ACETONITRILE * 1H-INDOLE-3-ACETONITRILE * INDOLYLACETONITRILE * 3-INDOLYLACETONITRILE * USAF CB-29
TOXICITY DATA AND REFERENCES:
1F24 scu-rat LD50:255 mg/kg FCTXAV 18,159,80
ipr-mus LD50:200 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AM0950000 ACETONITRILE, 2(N-METHYL-N-NITROSO)AMINO-
UPDT:8401 CAS: 2684-97-7 MW: 99.11 MOLFM: C3-H5-N3-O
SYN: 2-(N-METHYL-N-NITROSO)AMINOACETONITRILE * N-NITROSOMETHYLAMINOACETONITRILE * N-NITROSOMETHYLAMINOACETONITRILE
TUMORIGENIC DATA AND REFERENCES:
2V03I60 orl-rat TDLo:620 mg/kg/89W-C ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:45 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AM1050000 ACETONITRILE, ((alpha-METHYLPHENETHYL)AMINO)PHENYL-
UPDT:8403 CAS: 17598-01-1 MW: 250.37 MOLFM: C17-H18-N2
SYN: N-(alpha-METHYLPHENETHYL)-2-PHENYLGLYCINONITRILE * alpha-PHENYL alpha-(1-METHYL-2-PHENYLETHYLAMINO)ACETONITRILE * alpha-PHENYL-alpha(beta-PHENYLISOPROPYLAMINO)ACETONITRILE * AMPHETAMINIL * alpha-PHENYL alpha-N-(1-PHENYLISOPROPYL)AMINOACETONITRILE * dl-AMPHETAMINIL * AN 1 * AN 1 (pharmaceutical) * APOSYURON * BENZENEACETONITRILE, alpha-((1-METHYL-2-PHENYLETHYL)AMINO)- (9CI)
TOXICITY DATA AND REFERENCES:
scu-mus LD50:58 mg/kg 27ZQAG -,335,72
ACETONITRILE, NITROSIMINODI- (8CI) see: AM1300000
ACETONITRILE, 2,2'-(NITROSOIMINO)BIS- (9CI) see: AM1300000

AM1300000 ACETONITRILE, 2,2'-(N-NITROSOIMINO)DI-
UPDT:8401 CAS: 16339-18-7 MW: 124.12 MOLFM: C4-H4-N4-O
SYN: ACETONITRILE, NITROSIMINODI- (8CI) * ACETONITRILE, 2,2'-(NITROSOIMINO)BIS- (9CI) * N-NITROSAMINO DIACETONITRIL (German) * N-NITROSODIACETONITRILE * N-NITROSODI(CYANOMETHYL)AMINE * 2,2'-(N-NITROSOIMINO)DIACETONITRILE
TUMORIGENIC DATA AND REFERENCES:
3V03L60T64 orl-rat TDLo:1584 mg/kg/2Y-C ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:163 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AM1400000 ACETONITRILE, PHENYL-
UPDT:8411 CAS: 140-29-4 MW: 117.16 MOLFM: C8-H7-N
SYN: BENZENEACETONITRILE (9CI) * BENZYL CYANIDE * BENZYL NITRILE * (CYANOMETHYL)BENZENE * alpha-CYANOTOLUENE * omega-CYANOTOLUENE * PHENYLACETONITRILE * PHENYLACETONITRILE, liquid (DOT) * PHENYL ACETIC NITRILE * TOLUENE, alpha-CYANO- * alpha-TOLUNITRILE * UN 2470 (DOT) * USAF KF-21
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),803,82

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:270 mg/kg	GISAAA 32,20.67
	ihl-rat LC50:430 mg/m3/2H	HYSAAV 32(7-9),171.77
*	skn-rat LD50:2 gm/kg	FCTOD7 20(Suppl),803.82
3F12F13F17	ipr-rat LDLo:74982 ug/kg	TOLEDS 10,265.82
*	orl-mus LD50:45500 ug/kg	ARTODN 55,47.84
	ihl-mus LCLo:100 mg/m3	GISAAA 32,20.67
	ipr-mus LD50:10 mg/kg	NTIS** AD277-689
	scu-mus LDLo:32 mg/kg	AIPTAK 12,447.04
*	skn-rbt LD50:270 mg/kg	FCTOD7 20(Suppl),803.82
	scu-rbt LDLo:50 mg/kg	AIPTAK 5,161,1899
	scu-frg LDLo:1500 mg/kg	AIPTAK 5,161,1899

STANDARDS & REGULATIONS:

★ DOT-IMO-POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102.83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AM2450000 ACETONITRILE, TRICHLORO-
UPDT:8403 CAS: 545-06-2 MW: 144.38 MOLFM: C2-Cl3-N
SYN: CYANOTRICHLOROMETHANE * NITRILE TRICHLORACETIQUE (French) * TRICHLOR ACETONITRIL (German) * TRICHLORO-ACETONITRILE * TRICHLOROMETHYL CYANIDE * TRICHLOROMETHYLNITRILE * TRICHLOURACETONITRIL (Dutch) * TRITOX

IRRITATION DATA AND REFERENCES:

	skn-rbt 100 ug/24H open	AIHAAP 23,95.62

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:250 mg/kg	AIHAAP 23,95.62
*	ihl-rat LCLo:250 ppm/4H	AIHAAP 23,95.62
*	ivn-mus LD50:56 mg/kg	CSLNX* NX#06416
	ihl-rbt LCLo:311 ppm/5H	JIHTAB 31,235.49
1R10	skn-rbt LD50:900 mg/kg	AIHAAP 23,95.62
	ihl-gpg LCLo:311 ppm/5H	JIHTAB 31,235.49

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AM2550000 ACETONITRILE, TRINITRO-
UPDT:8309 CAS: 630-72-8 MW: 176.06 MOLFM: C2-N4-O6
SYN: TRINITROACETONITRILE (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101.82

ACETONITRILE, VINYL- see: EMB050000
ACETONKYANHYDRIN (Czech) see: OD9275000
ACETONYL see: VQ0700000
ACETONYL ACETONE see: MQ3150000
p-ACETONYLANISOLE see: UC2990000
3-(ACETONYLBENZYL)-4-HYDROXYCOUMARIN see: GN4550000
3-(alpha-ACETONYLBENZYL)-4-HYDROXYCOUMARIN see: GN4550000
3-(alpha-ACETONYLBENZYL)-4-HYDROXY-COUMARIN SODIUM SALT see: GN4725000
ACETONYL CHLORIDE see: UC0700000
3-(alpha-ACETONYL-p-CHLOROBENZYL)-4-HYDROXYCOUMARIN see: GN4830000
3-(alpha-ACETONYL-4-CHLOROBENZYL-4-HYDRCXYCOUMARIN see: GN4830000
ACETONYL ESTER of 4-MORPHOLINECARBODITHIOIC ACID OXIME see: QD9600000
ACETONYL ESTER of 1-PIPERIDINECARBODITHIOIC ACID OXIME see: TM5830000
3-(alpha-ACETONYLFURFURYL)-4-HYDROXYCOUMARIN see: GN4850000
3-(alpha-ACETONYLFURFURYL)-4-HYDROXYCOUMARIN, SODIUM SALT see: GN4860000
3-(alpha-ACETONYL-p-NITROBENZYL)-4-HYDROXY-COUMARIN see: GN4900000
3-(alpha-ACETONYL-4-NITROBENZYL)-4-HYDROXYCOUMARIN see: GN4900000
1-ACETONYL-1-NITROSOUREA see: YR6255500 UREA, 1-ACETONYL-1-NITROSO-
p-ACETONYLOXYBENZENEARSONIC ACID SODIUM SALT see: CY3200000
ACETO PAN see: QM4500000
ACETO PBN see: QM4550000
ACETOPHEN see: VO0700000
ACETO-para-PHENALIDE see: AM4375000
ACETOPHENAZINE see: OB4180000
ACETOPHENAZINE MALEATE see: OB4180000
p-ACETOPHENETIDE see: AM4375000
p-ACETOPHENETIDE, 3'-NITRO- see: AM4550000
ACETO-para-PHENETIDIDE see: AM4375000

AM4300000 m-ACETOPHENETIDIDE
UPDT:8406 CAS: 591-33-3 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: ACETAMIDE, N-(3-ETHOXYPHENYL)- (9CI) * ACETANILIDE, 3'-ETHOXY- * m-ETHOXYACETANILIDE * 3'-ETHOXYACETANILIDE * 3-ETHOXYACETANILIDE

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:1250 mg/kg	TXAPA9 19,20.71

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

AM4375000 p-ACETOPHENETIDIDE
UPDT:8412 CAS: 62-44-2 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: ACETAMIDE, N-(4-ETHOXYPHENYL)- (9CI) * 1-ACETAMIDO-4-ETHOXYBENZENE * ACETANILIDE, 4'-ETHOXY- * ACETO para-PHENALIDE * p-ACETOPHENETIDE * ACETO-para-PHENETIDIDE * para-ACETOPHENETIDIDE * ACETOPHENETIDIN * ACETOPHENETIDINE * p-ACETOPHENETIDINE * ACETO-p-PHENETIDINE * ACETOPHENETIN * ACET-p-PHENALIDE * ACETPHENETIDIN * p-ACETPHENETIDIN * ACET-p-PHENETIDIN * ACETYLPHENETIDIN * N-ACETYL-p-PHENETIDINE * ACHROCIDIN * ANAPAC * APC * ASA COMPOUND * BROMO SELTZER * BUFF-A-COMP * CITRA-FORT * CUISTANOL * CODEMPIRAL * COMMOTIONAL * CONTRADOL * CONTRADOLEUR * CORICIDIN * CORIFORTE * CORYBAN-D * DAPRISAL * DARVON COMPOUND * DASIRON * DASIN * DASIN CH * DOLOSTOP * DOLVIRAN * EDRISAL * EMPIRAL * EMPIRIN COMPOUND * EMPRAZIL * EMPRAZIL-C * EPHAGEN * p-ETHOXYACETANILIDE * 4-ETHOXYACETANILIDE * 4'-ETHOXYACETANILIDE * N-para-ETHOXYPHENYLACETAMIDE * N-(4-ETHOXYPHENYL)ACETAMIDE * FENACETINA * FENIDINA * FENIA * FENINA * FIORINAL * FORTACYL * GELONIDA * GEWODIN * HELVAGIT * HJORTON'S POWDER * HOCOPHEN * KAFA * KAJAMIN * MALES * MELABON * MELAFORTE * NORGESIC * PAMPRIN * PARACETOPHENETIDIN * PARAMETTE * PARATODOL * PERCOBARB * PERTONAL * PHENACET * PHENACETIN * para-PHENACETIN * PHENACETINE * PHENACETINUM * PHENACITIN * PHENACON * PHENAPHEN * PHENAPHEN PLUS * PHENAZETIN * PHENAZETINA * PHENEDINA * p-PHENETIDINE, N-ACETYL- * PHENIDIN * PHENIN * PHENODYNE * PYRAPHEN * PYRROXATE * QUADRONAL * RCRA WASTE NUMBER U187 * RETORMIN * ROBAXISAL-PH * SALGYDAL * SANALGINE * SARIDON * SERANEX * SINEDAL * SINUBID * SINUTAB * SINUTAB II * SOMA * STELLACYL * SUPER ANAHIST * SUPRALGIN * SYNALGOS-DC * SYNALOGOS * TACOL * TEPRACYDIN * TETRACYDIN * THEPHORIN A-C * TREUPEL * VEGANINE * VIDEN * WIGRAINE * XABN * ZACTHIN COMPOUND

MUTATION DATA AND REFERENCES:

	mma-sat 333 ug/plate	IAPUDO 27,283.80
	bfa-rat sat 800 mg/kg	CNREA8 42,3201.82
	hma-rat/sat 200 ug/kg	ONCODU 19,183.80
	dnd-mus-ipr 400 mg/kg	ARTODN (Suppl 5),355.82
	dni-mus-ipr 20 gm/kg	ARGEAR 51,605.81
	dni-mus-oth 5g mg/L	ONCODU 19,183.80
	bfa-ham/sat 1600 mg/kg	CNREA8 42,3201.82
	cyt-ham-fbr 800 ug/48H	MUREAV 48,337.77
	cyt-ham-lng 800 ug/27H	MUREAV 66,277.79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	orl-rat TDLo:50336 mg/kg (17W male)	JCNDBK 11,96.71
2T24T34	orl-rat TDLo:24 gm/kg (1-20D preg)	KLWOAZ 43,364.65
1T46	orl-rat TDLo:6 gm/kg (1-20D preg)	KLWOAZ 43,364.65
1T02	orl-rat TDLo:62920 mg/kg (22W male)	JCNDBK 11,96.71
1T01	orl-rat TDLo:57200 mg/kg (20W male)	JCNDBK 11,96.71

TUMORIGENIC DATA AND REFERENCES:

2V01M61	orl-wmn TDLo:80 gm/kg/63Y-I	JOURAA 113,653.75
2V01M61	orl-man TDLo:57 gm/kg/47Y-I	JOURAA 113,653.75
3V01D09M60	orl-rat TDLo:572 gm/kg/60W-C	GANNA2 70,29.79
2V01M60M61	orl-mus TDLo:1008 gm/kg/96W-C	IJCNAW 29,439.82
2V01M61M03	orl-hmn TD :7300 mg/kg/Y-C	SJUNAS 2,145.68
2V02M61	orl-mus TD :484 gm/kg/96W-C	IJCNAW 29,439.82
2V01M61	orl-man TD :27 gm/kg/10Y-I	AAJRDX 134,1259.80

TOXICITY DATA AND REFERENCES:

	orl-hmn TDLo:1000 mg/kg	27ZXA3 -,297.80
	unk-man LDLo:74 mg/kg	BSDCAI 2,73.70
*	orl-rat LD50:1500 mg/kg	NIIRDN 6,651.82
	ipr-rat LD50:1020 mg/kg	ARZNAD 9,728.59
	orl-mus LD50:1220 mg/kg	TXAPA9 19,20.71
	ipr-mus LD50:540 mg/kg	YKKZAJ 81,659.61
	ivn-dog LDLo:260 mg/kg	NTIS** PB282-666
*	orl-rbt LD50:2500 mg/kg	GTPZAB 21(9),53,77
	orl-mpg LD50:2650 mg/kg	TXAPA9 18,232.70

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JRPMAP 12(1),27,74; AUHPAI 3(3),100,73; LANCAO 2,1233,69; AJMEAZ 38,409,65; CANCAR 33,743,74; ADCSAJ 13,271,70; BLFSBY 24,753,83

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED — IARC** 13,141.77
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 24,135.80
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED — IARC** 24,135.80

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

para-ACETOPHENETIDIDE see: AM4375000

AM4378600 m-ACETOPHENETIDIDE, 2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 27471-69-1 MW: 479.12 MOLFM: C26-H38-N2-O4-Cl-H
SYN: 2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-m-ACETOPHENETIDIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:800 mg/kg	USXXAM #3818021
*	ivn-mus LD50:35 mg/kg	USXXAM #3818021

AM4398200 p-ACETOPHENETIDIDE, N-(DIETHYLCARBAMOYLMETHYL)-
UPDT:8410 MW: 292.42 MOLFM: C16-H24-N2-O3

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:550 mg/kg	YKKZAJ 81,659.61

AM4398500 p-ACETOPHENETIDIDE, 2-DIMETHYLAMINO-N-(DIMETHYLCARBAMOYLMETHYL)-
UPDT:8410 MW: 307.44 MOLFM: C16-H25-N3-O3

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:830 mg/kg	YKKZAJ 81,659.61

AM4399000 p-ACETOPHENETIDIDE, N-(2-(DIMETHYLAMINO)ETHYL)-, FUMARATE
UPDT:8408 MW: 366.46 MOLFM: C14-H22-N2-O2-C4-H4-O4
SYN: N-(2-(DIMETHYLAMINO)ETHYL)-p-ACETOPHENETIDIDE FUMARATE

TOXICITY DATA AND REFERENCES:

1F29	ipr-mus LD50:235 mg/kg	YKKZAJ 83,696.63

AM4399200 p-ACETOPHENETIDIDE, N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-, SALICYLATE
UPDT:8408 MW: 402.54 MOLFM: C15-H24-N2-O2-C7-H6-O3
SYN: N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-p-ACETOPHENETIDIDE SALICYLATE

TOXICITY DATA AND REFERENCES:

1F29	ipr-mus LD50:310 mg/kg	YKKZAJ 83,696.63

AM4399400 p-ACETOPHENETIDIDE, N-(3-(DIMETHYLAMINO)PROPYL)-, FUMARATE
UPDT:8408 MW: 380.49 MOLFM: C15-H24-N2-O2-C4-H4-O4
SYN: N-(3-(DIMETHYLAMINO)PROPYL)-p-ACETOPHENETIDIDE FUMARATE

TOXICITY DATA AND REFERENCES:

1F29	ipr-mus LD50:250 mg/kg	YKKZAJ 83,696.63

AM4399500 p-ACETOPHENETIDIDE, N-(1-DIMETHYLCARBAMOYLETHYL)-
UPDT:8410 MW: 278.39 MOLFM: C15-H22-N2-O3

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:590 mg/kg	YKKZAJ 81,659.61

AM4399600 o-ACETOPHENETIDIDE, N-(DIMETHYLCARBAMOYLMETHYL)-
UPDT:8410 MW: 264.36 MOLFM: C14-H20-N2-O3

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:330 mg/kg	YKKZAJ 81,659.61

AM4399700 p-ACETOPHENETIDIDE, N-((DIMETHYLCARBAMOYL)METHYL)-
UPDT:8410 CAS: 3736-41-2 MW: 264.36 MOLFM: C14-H20-N2-O3

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:790 mg/kg	YKKZAJ 81,659.61

p-ACETOPHENETIDIDE, N-HYDROXY- see: AK8380000

AM4445000 p-ACETOPHENETIDIDE, 2'-ISOPROPYL-5'-METHYL-
UPDT:8305 MW: 235.36 MOLFM: C14-H21-N-O2
SYN: 4-ETHOXY-2-ISOPROPYL-5-METHYLACETANILIDE * 2'-ISOPROPYL-5'-METHYL-p-ACETOPHENETIDIDE * WIN 4115

TOXICITY DATA AND REFERENCES:

2F07J30	orl-mus LD50:11 gm/kg	AIPTAK 93,450.53

AM4445010 p-ACETOPHENETIDIDE, 5'-ISOPROPYL-2'-METHYL-
UPDT:8305 MW: 235.36 MOLFM: C14-H21-N-O2
SYN: 5-ISOPROPYL-2-METHYL-p-ACETOPHENETIDIDE * THYMACETIN

TOXICITY DATA AND REFERENCES:

2F07J30	orl-mus LD50:3050 mg/kg	AIPTAK 93,450.53

AM4550000 p-ACETOPHENETIDIDE, 3-NITRO-
UPDT:8412 CAS: 17-77-84-0 MW: 224.24 MOLFM: C10-H12-N2-O4
SYN: 4-ACETAMINO-2-NITROPHENETOLE * p-ACETOPHENETIDE, 3-NITRO- * N-(4-ETHOXY-3-NITROPHENYL)ACETAMIDE * NCI-C01978 * 2-NITRO-4-ACETAMINOPHENETOL (Czech) * 3-NITRO-p-ACETOPHENETIDE * 3-NITRO-p-ACETOPHENETIDE * 5-NITRO-p-ACETOPHENETIDIDE * 3-NITRO-p-ACETOPHENETIDIN

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg/24H SEV	28ZPAK -,115.72

MUTATION DATA AND REFERENCES:

	mma-sat 1 mg/plate	ENMUDM 5(Suppl 1),3.83
	mma-sat 33 ug/plate	ENMUDM 5(Suppl 1),3.83

TUMORIGENIC DATA AND REFERENCES:

2V02L60	orl-mus TDLo:957 gm/kg/78W-C	NCITR* NCI-CG-TR-133.79
2V03L60	orl-mus TD :478 gm/kg/78W-C	NCITR* NCI-CG-TR-133.79

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:664 mg/kg	NCIMR* NIH-71-E-2144

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE MOUSE (NCITR* NCI-CG-TR-133.79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE RAT (NCITR* NCI-CG-TR-133.79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

AM4560000 p-ACETOPHENETIDIDE, 2'-NITRO-N-NITROSO-
UPDT:8410 MW: 237.24 MOLFM: C10-H11-N3-O4

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate — JJINDB 72,863,84
mmo-omi 5 ug/plate — JJINDB 72,863,84

AM4570000 p-ACETOPHENETIDIDE, N-NITROSO-
UPDT:8412 MW: 208.24 MOLFM: C10-H12-N2-O3

MUTATION DATA AND REFERENCES:
mmo-sat 100 ng/plate — JJINDB 72,863,84
mmo-sat 100 ng/plate — JJINDB 72,863,84
mmo-omi 5 ug/plate — JJINDB 72,863,84

TOXICITY DATA AND REFERENCES:
orl-rat LD50:21 mg/kg — JJINDB 72,863,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETOPHENETIDIN see: AM4375000
ACETOPHENETIDINE see: AM4375000
p-ACETOPHENETIDINE see: AM4375000
ACETO-4-PHENETIDINE see: AM4375000
ACETOPHENETIN see: AM4375000
ACETOPHENON see: AM5250000

AM5250000 ACETOPHENONE
UPDT:8408 CAS: 98-86-2 MW: 120.16 MOLFM: C8-H8-O
SYN: ACETOPHENONE * ACETYLBENZENE * BENZENE, ACETYL * BENZOYL METHIDE * ETHANONE, 1-PHENYL- (9CI) * HYPNON * HYPNONE * KETONE, METHYL PHENYL * METHYL PHENYL KETONE * 1-PHENYLETHANONE * PHENYL METHYL KETONE * RCRA WASTE NUMBER U004 * USAF EK-496

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open — JIMTAB 26,269,44
skn-rbt 515 mg open MLD — UCDS** 12/27/71
eye-rbt 771 ug SEV — AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:
cyt-smc 10 mmol/tube — HEREAY 33,457,47

TOXICITY DATA AND REFERENCES:
orl-rat LD50:815 mg/kg — GTPZAB 26(8),53,82
orl-mus LD50:740 mg/kg — GTPZAB 26(8),53,82
ipr-mus LD50:200 mg/kg — NTIS** AD277-689

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AM5350000 ACETOPHENONE, 4-(5-AMIDINOFURYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 264.73 MOLFM: C13-H12-N2-O2 Cl-H
SYN: 5-(4'-ACETYLPHENYL)-2-FURAMIDINE HYDROCHLORIDE * 4-(5-AMIDINOFURYL)ACETOPHENONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:250 mg/kg — ARZNAD 33,1411,83

AM5775000 ACETOPHENONE, 2-AMINO-
UPDT:8401 CAS: 613-89-8 MW: 135.18 MOLFM: C8-H9-N-O
SYN: omega-AMINOACETOPHENONE * 2-AMINOACETOPHENONE * ETHANONE, 2-AMINO-1-PHENYL- (9CI) * PHENACYLAMINE

TUMORIGENIC DATA AND REFERENCES:
2V01P61 scu-mus TDLo:2000 mg/kg/7W-I — PGPKAB 14,12,69
3V02L61T64 scu-gpg TDLo:1480 mg/kg/13W-I — BEXBAN 84,1156,77
3V03N61N62 scu-ham TDLo:1600 mg/kg/10W-I — VOONAW 25(6),81,79
2V03M60 scu-mus TD :1600 mg/kg/8W-I — VOONAW 22(6),47,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AM5800000 ACETOPHENONE, 3'-AMINO-
UPDT:8408 CAS: 99-03-6 MW: 135.18 MOLFM: C8-H9-N-O
SYN: m-ACETYLANILINE * 3-ACETYLANILINE * beta-AMINOACETOPHENONE * m-AMINOACETOPHENONE * 3'-AMINOACETOPHENONE * m-AMINOACETYLBENZENE * ETHANONE, 1-(3-AMINOPHENYL)- (9CI)

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open — AMIHBC 10,61,56

MUTATION DATA AND REFERENCES:
mma-sat 10 mg/L — ENMUDM 5,803,83
cyt-mus-scu 400 mg/kg — TGANAK 2,538,68

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1870 mg/kg — AMIHBC 10,61,56
skn-rbt LD50:4340 mg/kg — AMIHBC 10,61,56

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AM5950000 ACETOPHENONE, 2'-AMINO-3'-HYDROXY-
UPDT:8401 CAS: 4502-10-7 MW: 151.18 MOLFM: C8-H9-N-O2
SYN: 2-AMINO-3-HYDROXYACETOPHENONE * 2-AMINO-3-HYDROXYPHENYL METHYL KETONE

TUMORIGENIC DATA AND REFERENCES:
2V02M60 imp-mus TDLo:80 mg/kg — BJCAAI 11,212,57

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AM5965050 ACETOPHENONE, 2-AMINO-2-PHENYL-, HYDROCHLORIDE
UPDT:8410 CAS: 885-75-6 MW: 247.74 MOLFM: C14-H13-N-O Cl-H

TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:222 mg/kg — JAPMAB 39,354,50

AM5965100 ACETOPHENONE, 4'-(3-AMINO-4-PYRAZOLYL)-2,2,2-TRICHLORO-
UPDT:8408 MW: 304.57 MOLFM: C11-H8-Cl3-N3-O
SYN: 3-AMINO-4-p-CHLORAL PHENYL PYRAZOLE * 4-(3-AMINO-4-PYRAZOLYL)-2,2,2-TRICHLOROACETOPHENONE * L 28093

TOXICITY DATA AND REFERENCES:
2F02F07 orl-rat LD50:380 mg/kg — AIPTAK 121,443,59

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AM5978400 ACETOPHENONE, 2-BROMO
UPDT:8401 CAS: 70-11-1 MW: 199.06 MOLFM: C8-H7-Br-O
SYN: alpha-BROMOACETOPHENONE * omega-BROMOACETOPHENONE * 2-BROMOACETOPHENONE * BROMOMETHYL PHENYL KETONE * ETHANONE, 2-BROMO-1-PHENYL- (9CI) * PHENACYL BROMIDE * PHENACYL BROMIDE (DOT) * STAUFFER 4644 * UN 2645 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO-POISON B; LABEL:POISON — CFRGBR 49,172.102.83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AM6300000 ACETOPHENONE, 2-CHLORO-
UPDT:8412 CAS: 532-27-4 MW: 154.60 MOLFM: C8-H7-Cl-O
SYN: CAF * CAP * CHEMICAL MACE * alpha-CHLOROACETOPHENONE * omega-CHLOROACETOPHENONE * 1-CHLOROACETOPHENONE * 2-CHLOROACETOPHENONE * CHLOROACETOPHENONE (DOT) * CHLOROACETOPHENONE, gas, liquid, or solid (DOT) * CHLOROMETHYL PHENYL KETONE * 2-CHLORO-1-PHENYLETHANONE * CN * ETHANONE, 2-CHLORO-1-PHENYL- * MACE (lacrimator) * NCI-C55107 * PHENACYL CHLORIDE * PHENYLCHLOROMETHYLKETONE * UN 1697 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rat 12%/6H open MOD — ARTODN 40,75,78
skn-rbt 5 mg/24H MLD — TXAPA9 17,295,70
skn-rbt 12%/6H open MOD — ARTODN 40,75,78
eye-rbt 1 mg MLD — TXAPA9 17,295,70
eye-rbt 3 mg SEV — TXAPA9 17,295,70
skn-gpg 12%/6H open MOD — ARTODN 40,75,78

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:2400 mg/kg/27W-I — BJCAAI 7,482,53

TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:159 mg/m3/20M — 34ZIAG -,163,69
3D17D25J22 ihl-hmn TCLo:93 mg/m3/3M — AIHAAP 23,199,62
3D35J21J22 ihl-hmn TCLo:20 mg/m3 — BJIMAG 29,298,72
orl-rat LD50:127 mg/kg — ARTODN 40,75,78
ihl-rat LCLo:417 mg/m3/15M — ARTODN 40,75,78
ipr-rat LD50:36 mg/kg — ARTODN 40,75,78
ivn-rat LD50:41 mg/kg — ARTODN 40,75,78
orl-mus LD50:139 mg/kg — NTIS** AD837-111
ihl-mus LCLo:600 mg/m3/15M — ARTODN 40,75,78
ipr-mus LD50:60 mg/kg — NTIS** AD837-111
ivn-mus LD50:81 mg/kg — ARTODN 40,75,78
orl-rbt LD50:118 mg/kg — ARTODN 40,75,78
ihl-rbt LCLo:465 mg/m3/20M — ARTODN 40,75,78
ivn-rbt LD50:30 mg/kg — ARTODN 40,75,78
orl-gpg LD50:158 mg/kg — ARTODN 40,75,78
ihl-gpg LCLo:490 mg/m3/30M — ARTODN 40,75,78
ipr-gpg LD50:17 mg/kg — ARTODN 40,75,78

REVIEW AND REFERENCES:
★ TLV-TWA 50 ppb — DTLVS* 4,83,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.05 ppm (SCP-B) — FEREAC 39,23540,74
★ DOT-HAZARD:IRRITATING MATERIAL; LABEL:IRRITANT — CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETOPHENONE, 4'-CHLORO- see: KM5600000

AM6485000 ACETOPHENONE, 4'-CHLORO-2-((3-(10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPIN-5-YL)PROPYL)METHYLAMINO)-, HYDROCHLORIDE
UPDT:8303 CAS: 26786-32-3 MW: 455.46 MOLFM: C26-H27-Cl-N2-O Cl-H
SYN: CLOPERAMINE HYDROCHLORIDE * 5H-DIBENZ(b,f)AZEPINE, 5-(3-(p-CHLOROBENZOYLMETHYL)-N-METHYLAMINO)PROPYL) * GAMONIL * IOPRAMINE HYDROCHLORIDE * LEO 640 * LOFEPRAMINE HYDROCHLORIDE * LOPRAMINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T71 orl-rat TDLo:130 mg/kg (17-22D preg) — KSRNAM 10,2186,76
1T46 orl-rat TDLo:630 mg/kg (14D pre-1-7D preg) — KSRNAM 10,2186,76
1T34 orl-rat TDLo:150 mg/kg (9-14D preg) — KSRNAM 10,2186,76
1T46 orl-mus TDLo:1200 mg/kg (7-12D preg) — KSRNAM 10,2186,76

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:920 mg/kg — ARZNAD 20,1561,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AM6913800 ACETOPHENONE, 3'-((8-CINNAMOYL-5,7-DIHYDROXY-2,2-DIMETHYL-2H-1-BENZOPYRAN-6-YL)METHYL)- 2',4',6'-TRIHYDROXY-5'-METHYL-
UPDT:8309 CAS: 82-08-6 MW: 516.58 MOLFM: C30-H28-O8
SYN: KAMALIN * MALLOTOXIN * ROTTLERIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:150 mg/kg (6D pre) — IJPPAZ 3,168,59
1T14 orl-rat TDLo:375 mg/kg (15D pre) — IJPPAZ 3,168,59
1T21 orl-rat TDLo:120 mg/kg (6D pre) — IJMRAQ 48,52,60

TOXICITY DATA AND REFERENCES:
1U01 orl-rat LDLo:750 mg/kg — IJPPAZ 3,168,59

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AM6913950 ACETOPHENONE, 2-(CYCLOBUTYLAMINO)-3',4'-DIHYDROXY-, HYDROCHLORIDE
UPDT:8303 CAS: 13729-34-5 MW: 257.74 MOLFM: C12-H15-N-O3 Cl-H
SYN: 2-(CYCLOBUTYLAMINO)-3,4-DIHYDROXY-ACETOPHENONE HYDROCHLORIDE * N-CYCLOBUTYL NORADRENALONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F17 ipr-mus LD50:250 mg/kg — AIPTAK 192,279,71
1F17 ivn-mus LD50:110 mg/kg — AIPTAK 192,279,71

AM6914400 ACETOPHENONE, 2-(CYCLOHEXYLAMINO)-3',4'-DIHYDROXY-, HYDROCHLORIDE
UPDT:8303 CAS: 16149-19-2 MW: 285.80 MOLFM: C14-H19-N-O3 Cl-H
SYN: 2-(CYCLOHEXYLAMINO)-3,4-DIHYDROXYACETOPHENONE HYDROCHLORIDE * N-CYCLOHEXYL NORADRENALONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F17 ipr-mus LD50:500 mg/kg — AIPTAK 192,279,71
1F17 ivn-mus LD50:174 mg/kg — AIPTAK 192,279,71

AM6914500 ACETOPHENONE, 2-CYCLOHEXYL-4'-METHOXY-2-METHYLAMINO-, HYDROCHLORIDE
UPDT:8410 MW: 297.86 MOLFM: C16-H23-N-O2 Cl-H

TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:443 mg/kg — JAPMAB 39,354,50

AM6914600 ACETOPHENONE, 2-CYCLOHEXYL-2-PIPERIDINO-, HYDROCHLORIDE
UPDT:8410 MW: 321.93 MOLFM: C19-H27-N-O Cl-H

TOXICITY DATA AND REFERENCES:
scu-mus LDLo:1773 mg/kg — JAPMAB 39,354,50

AM6914800 ACETOPHENONE, 2-(CYCLOPENTYLAMINO)-3',4'-DIHYDROXY-, HYDROCHLORIDE
UPDT:8303 CAS: 16149-17-0 MW: 271.77 MOLFM: C13-H17-N-O3 Cl-H
SYN: 2-(CYCLOPENTYLAMINO)-3,4-DIHYDROXY ACETOPHENONE HYDROCHLORIDE * N-CYCLOPENTYL NORADRENALONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F17 ipr-mus LD50:300 mg/kg — AIPTAK 192,279,71
1F17 ivn-mus LD50:89 mg/kg — AIPTAK 192,279,71

AM6950000 ACETOPHENONE, 2,4'-DIBROMO-
UPDT:8403 CAS: 99-73-0 MW: 277.96 MOLFM: C8-H6-Br2-O
SYN: p-BROMOPHENACYL B * p-BROMOPHENACYL BROMIDE * 4-BROMOPHENACYL BROMIDE * alpha,p-DIBROMOACETOPHENONE * 2,4-DIBROMOACETOPHENONE

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:18 mg/kg — CSLNX* NX#02407

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AM7460000 ACETOPHENONE, 2-DIETHYLAMINO-2-PHENYL-, HYDROCHLORIDE
UPDT:8410 MW: 303.86 MOLFM: C18-H21-N-O Cl-H

TOXICITY DATA AND REFERENCES:
1F12 scu-mus LDLo:886 mg/kg — JAPMAB 39,354,50

AM7710000 ACETOPHENONE, 3',4'-DIHYDROXY-2-(ISOPROPYLAMINO)-, HYDROCHLORIDE
UPDT:8406 MW: 245.73 MOLFM: C11-H15-N-O3 Cl-H

BEST COPY AVAILABLE

SYN: 3,4-DIHYDROXY alpha-(ISOPROPYLAMINO)ACETOPHENONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:470 mg/kg — JPETAB 92,369,48
* ivn-mus LD50:75 mg/kg — CSLNX* NX#07869

AM8225000 ACETOPHENONE, 3',4'-DIHYDROXY-2-(METHYLAMINO)-, HYDROCHLORIDE
UPDT:8406 CAS: 62-13-5 MW: 217.67 MOLFM: C9-H11-N-O3.Cl-H
SYN: ADRENALONE HYDROCHLORIDE * ADRENONE HYDROCHLORIDE * 3,4-DIHYDROXY-2-(METHYLAMINO)ACETOPHENONE HYDROCHLORIDE * EPINEPHRINE KETONE HYDROCHLORIDE * ETHANONE, 1-(3,4-DIHYDROXYPHENYL)-2-(METHYLAMINO)-, HYDROCHLORIDE (9CI) * KEPHRINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
scu-rat LDLo:80 mg/kg — JPETAB 71,62,41
* ipr-mus LD50:902 mg/kg — JPETAB 92,369,48

AM8238000 ACETOPHENONE, 3',4'-DIHYDROXY-2-((1,2,3,4-TETRAHYDRO-2-NAPHTHYL)AMINO)-, HYDROCHLORIDE
UPDT:8303 CAS: 16149-22-7 MW: 333.84 MOLFM: C18-H19-N-O3.Cl-H
SYN: 3,4-DIHYDROXY-2-((1,2,3,4-TETRAHYDRO-2-NAPHTHYL)AMINO)ACETOPHENONE HYDROCHLORIDE * N-beta-TETRAHYDRONAPHTHYL NORADRENALONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F17 ipr-mus LD50:150 mg/kg — AIPTAK 192,279,71
1F17 ivn-mus LD50:158 mg/kg — AIPTAK 192,279,71

AM8462000 ACETOPHENONE, 3'-((2,2-DIMETHYL-5-HYDROXY-8-PHENYL-6,7-DIHYDRO-2H,8H-BENZO(1,2-b:5,4-b') DIPYRAN-10-YL)METHYL)-5'-METHYL-2',4',6'-TRIHYDROXY-
UPDT:8401 MW: 502.60 MOLFM: C30-H30-O7
SYN: ISOROTTLERIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 orl-rat TDLo:2800 mg/kg (8D pre) — IJMRAQ 48,52,60

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AM8463000 ACETOPHENONE, 4'-(3,3-DIMETHYL-1-TRIAZENO)-
UPDT:8308 CAS: 52416-18-9 MW: 191.26 MOLFM: C10-H13-N3-O
SYN: 4'-(3,3-DIMETHYL-1-TRIAZENO)ACETOPHENONE * ETHANONE, 1-(4-(3,3-DIMETHYL-1-TRIAZE-1-YL)PHENYL)-

MUTATION DATA AND REFERENCES:
mmo-sat 34 umol/L — JMCMAR 22,473,79

AM8470000 ACETOPHENONE, 3',5'-DINITRO-4'-(DI-n-PROPYLAMINO)-
UPDT:8309 CAS: 52129-71-2 MW: 309.36 MOLFM: C14-H19-N3-O5
SYN: BUBAN 37 * 3,5-DINITRO-4-(DI-n-PROPYLAMINO)ACETOPHENONE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:750 mg/kg — FMCHA2 -,C38,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AM8800000 ACETOPHENONE, 4'-HYDROXY-3'-METHOXY-
UPDT:8402 CAS: 498-02-2 MW: 166.19 MOLFM: C9-H10-O3
SYN: ACETOGUAIACON * ACETOGUAIACONE * ACETOVANILLONE * ACETOVANILLONE * ACETOVANYLLON * APOCYNIN * APOCYNINE * ETHANONE, 1-(4-HYDROXY-3-METHOXYPHENYL)- (9CI) * 4'-HYDROXY-3'-METHOXYACETOPHENONE

MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate — BECTA6 24,590,80
mmo-smc 400 mg/L — MUREAV 119,273,83

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:650 mg/kg — JMCMAR 7,178,64

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACETOPHENONE, 2-HYDROXY-2-PHENYL- see: DI1590000

AM9158000 ACETOPHENONE, 2-(3-(m-HYDROXYPHENYL)-2,3-DIMETHYLPIPERIDINO)-, HYDROCHLORIDE
UPDT:8411 CAS: 4370-33-6 MW: 359.93 MOLFM: C21-H25-N-O2.Cl-H

TOXICITY DATA AND REFERENCES:
3F11F13J25 ipr-mus LD50:234 mg/kg — JJPAAZ 18,406,68
2F11F12 ivn-mus LD50:117 mg/kg — JJPAAZ 18,406,68

AM9240000 ACETOPHENONE, 4'-METHOXY-
UPDT:8305 CAS: 100-06-1 MW: 150.19 MOLFM: C9-H10-O2
SYN: ACETANISOLE * p-ACETYLANISOLE * 4-ACETYLANISOLE * ETHANONE, 1-(4-METHOXYPHENYL)- (9CI) * LINARODIN * p-METHOXYACETOPHENONE * 4'-METHOXYACETOPHENONE * p-METHOXYPHENYL METHYL KETONE * 4-METHOXYPHENYL METHYL KETONE * NOVATONE * VANANOTE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 12,927,74

MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate — BECTA6 24,590,80

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1720 mg/kg — FCTXAV 12,927,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AM9270000 ACETOPHENONE, 4'-METHOXY-2-(p-METHOXYPHENYL)-2-PIPERIDINO-, HYDROCHLORIDE
UPDT:8412 MW: 375.93 MOLFM: C21-H25-N-O3.Cl-H

TOXICITY DATA AND REFERENCES:
3F11F12K01 scu-mus LDLo:1773 mg/kg — JAPMA8 39,354,50

AM9360000 ACETOPHENONE, 2-(p-METHOXYPHENYL)-2-METHYLAMINO-, HYDROCHLORIDE
UPDT:8410 MW: 291.80 MOLFM: C16-H17-N-O2.Cl-H

TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:443 mg/kg — JAPMA8 39,354,50

AM9463000 ACETOPHENONE, 4'-METHYL-
UPDT:8305 CAS: 122-00-9 MW: 134.19 MOLFM: C9-H10-O
SYN: p-ACETYLTOLUENE * ETHANONE, 1-(4-METHYLPHENYL)- (9CI) * MELILOTAL * p-METHYLACETOPHENONE * 4'-METHYLACETOPHENONE * 1-METHYL-4-ACETYLBENZENE * METHYL p-TOLYL KETONE

IRRITATION DATA AND REFERENCES:
skn-hmn 100% — FCTXAV 12,933,74
skn-rbt 500 mg 24H MLD — FCTXAV 12,933,74

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1400 mg/kg — FCTXAV 12,933,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AM9464000 ACETOPHENONE, 2-METHYLAMINO-2-PHENYL-, HYDROCHLORIDE
UPDT:8410 MW: 261.77 MOLFM: C15-H15-N-O.Cl-H

TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:222 mg/kg — JAPMA8 39,354,50

AM9486200 ACETOPHENONE, 4'-MORPHOLINO-
UPDT:8310 CAS: 39910-98-0 MW: 205.28 MOLFM: C12-H15-N-O2
SYN: p-MORPHOLINOACETOPHENONE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg — CSLNX* NX#04795

AM9495000 ACETOPHENONE, 2-MORPHOLINO-2-PHENYL-, HYDROCHLORIDE
UPDT:8410 CAS: 27590-58-5 MW: 317.84 MOLFM: C18-H19-N-O2.Cl-H

TOXICITY DATA AND REFERENCES:
2F11F17 scu-mus LDLo:1554 mg/kg — JAPMA8 39,354,50

AM9625000 ACETOPHENONE, 3'-NITRO-
UPDT:8407 CAS: 121-89-1 MW: 165.16 MOLFM: C8-H7-N-O3
SYN: ETHANONE, 1-(3-NITROPHENYL)- (9CI) * m-NITROACETOPHENONE * 3-NITROACETOPHENONE * USAF MA-1

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3250 mg/kg — AMIHBC 10,61,54
ipr-mus LD50:200 mg/kg — NTIS** AD277-689
* skn-rbt LD50:3 gm/kg — AMIHBC 10,61,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AM9627000 ACETOPHENONE, 4'-NITRO-
UPDT:8307 CAS: 100-19-6 MW: 165.16 MOLFM: C8-H7-N-O3
SYN: p-ACETYLNITROBENZENE * ETHANONE, 1-(4-NITROPHENYL)- * METHYL p-NITROPHENYL KETONE * p-NITROACETOPHENONE * 4-NITROACETOPHENONE * p-NITROPHENYL METHYL KETONE * PNAP

MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate — MUREAV 58,1,78

AM9656500 ACETOPHENONE, 4',4'''-OXYDI-
UPDT:8408 CAS: 2615-51-4 MW: 254.30 MOLFM: C16-H14-O3
SYN: BIS(p-ACETYLPHENYL)ETHER * BIS(4-ACETYLPHENYL)ETHER * p,p'-DIACETYLDIPHENYL ETHER * 4,4'-DIACETYLDIPHENYL ETHER * 4,4'-DIACETYLDIPHENYL OXIDE * ETHANONE, 1,1'-(OXYDI-4,1-PHENYLENE)BIS- (9CI) * 4,4'-OXYBISACETOPHENONE * 4,4'-OXYDIACETOPHENONE * 4,4'-OXYDIACETOPHENONE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:9 gm/kg — 85GMAT -,42,82

AM9662600 ACETOPHENONE, 2-PHENYL-2-PIPERIDINO-, HYDROCHLORIDE
UPDT:8412 CAS: 6281-83-0 MW: 315.87 MOLFM: C19-H21-N-O.Cl-H

TOXICITY DATA AND REFERENCES:
3F11F12F23 scu-mus LDLo:222 mg/kg — JAPMA8 39,354,50
ivn-mus LD50:56 mg/kg — CSLNX* NX#00310

AM9700000 ACETOPHENONE, 4'-PIPERIDINOCARBONYLMETHOXY-, OXIME
UPDT:8403 CAS: 31224-92-7 MW: 276.37 MOLFM: C15-H20-N2-O3
SYN: 1-((p-ACETYLPHENOXY)ACETYL)PIPERIDINE p-OXIME * FLAMANIL * 1-((4-(1-HYDROXYIMINO)ETHYL)PHENOXY)ACETYL)PIPERIDINE * N-(p-(1-ISONITROSOETHYL)PHENOXYACETYL)PIPERIDINE * 1-(p-(1-OXIMIDOETHYL)PHENOXYACETYL)PIPERIDINE * PIFOXIME * 4'-(1-PIPERIDYLCARBONYLMETHOXY)ACETOPHENONE OXIME * PIXIFENIDE * SW 77

TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg — CHTPBA 8,574,73

AN0350000 ACETOPHENONE, α-STYRYL-
UPDT:8407 CAS: 1727-90-3 MW: 222.30 MOLFM: C16-H14-O
SYN: CHALCONE, beta-METHYL- * 1,3-DIPHENYL-2-BUTEN-1-ONE * DYPNONE * ETHANONE, 1-(1,2-PHENYLETHENYL)PHENYL)- (9CI) * beta-METHYLCHALCONE * METHYL STYRYLPHENYL KETONE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — JIHTAB 31,60,49
eye-rbt 500 mg — AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3600 mg/kg — JIHTAB 31,60,49
* skn-rbt LD50:6300 mg/kg — JIHTAB 31,60,49

ACETOPHENONE THIOSEMICARBAZONE see: VT3460000
ACETOPROMAZINE see: OB2275000
ACETOPROPIONIC ACID see: OI1575000
ACETOPROPYL ACETATE see: SA9090000 2-PENTANONE, 5-HYDROXY-, ACETATE
ACETOPROPYL ALCOHOL- see: UA4600000
ACETOPYRROTHINE see: JP1355000
ACETOQUAT CPC see: UU4900000
ACETOQUAT CTAB see: BQ7875000
ACETOQUINONE BLUE L see: CB0540000
ACETOQUINONE BLUE R see: CB0540000
ACETOQUINONE LIGHT ORANGE JL see: CB5740000
ACETOQUINONE LIGHT YELLOW see: AC3662000
ACETOQUINONE LIGHT YELLOW 4JLZ see: AC3662000
ACETOSAL see: VO0700000
ACETOSALIC ACID see: VO0700000
ACETOSALIN see: VO0700000
ACETO SDD 40 see: FD3500000
ACETOSPAN see: TU3920000
ACETOSULFAMIN see: AC8450000
ACETOSULFAMINE see: AC8450000
ACETO TETD see: JO1400000
ACETOTHIOAMIDE see: AL8925000
ACETO TMTM see: WQ1750000
ACETOTOLUIDE see: AN2875000
o-ACETOTOLUIDE see: AN2900000

AN2875000 m-ACETOTOLUIDIDE
UPDT:8403 CAS: 537-92-8 MW: 149.21 MOLFM: C9-H11-N-O
SYN: ACETAMIDE, N-(3-METHYLPHENYL)- (9CI) * 3'-ACETAMIDOTOLUENE * ACETO m-AMINOTOLUENE * ACETOTOLUIDE * N-ACETYL-m-TOLUIDINE * m-METHYLACETANILIDE * 3-METHYLACETANILIDE * 3'-METHYLACETANILIDE * m-TOLYLACETAMIDE * N-m-TOLYLACETAMIDE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:1450 mg/kg — TXAPA9 19,20,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AN2900000 o-ACETOTOLUIDIDE
UPDT:8411 CAS: 120-66-1 MW: 149.21 MOLFM: C9-H11-N-O
SYN: ACETAMIDE, N-(2-METHYLPHENYL)- (9CI) * o-ACETOTOLUIDE * ACETYL-o-TOLUIDINE * o-METHYLACETANILIDE * 2'-METHYLACETANILIDE * 2'-METHYLACETANILIDE

MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate — NTPTB* JAN 82
mmo-sat 47 nmol/plate — MUREAV 137,3* 84

TOXICITY DATA AND REFERENCES:
orl-mus LD50:1450 mg/kg — TXAPA9 19,20,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AN3430000 o-ACETOTOLUIDIDE, 2-CHLORO-6'-ETHYL-N-(2-METHOXY-1-METHYLETHYL)-
UPDT:8411 CAS: 51218-45-2 MW: 283.83 MOLFM: C15-H22-Cl-N-O2
SYN: ACETAMIDE, 2-CHLORO-N-(6-ETHYL-o-TOLYL)-N-(2-METHOXY-1-METHYLETHYL)- * 2-METHYL-6-METHYL-N-(1-METHYL-2-METHOXYETHYL) CHLOROACETANILID (German) * BICEP * CGA-24705 * alpha-CHLOR-6-METHYL-n-(2-METHOXY-1-METHYLETHYL)-ACET-o-TOLUIDIN (German) * 2-CHLORO-6-ETHYL-N-(2-METHOX-1-METHYLETHYL)-ACET-o-TOLUIDIDE * alpha-CHLORO-2'-ETHYL-6'-METHYL-N-(1-METHYL-2-METHOXYETHYL) ACETANILIDE * 2-CHLORO-N-(2-ETHYL-6-METHYLPHENYL)-N-(2-METHOX-1-METHYLETHYL)-ACETAMIDE * CODAL * COTORAN MULTI * DUAL * METOLACHLOR * METOLACHLOR * MILOCEP * ONTRACK BE * PRIMAGRAM * PRIMEXTRA

IRRITATION DATA AND REFERENCES:
skn-rbt 334 mg open MLD — CIGET* -,,77

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate — MUREAV 136,233,84
mrc-smc 1 ug/plate — MUREAV 136,233,84

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2534 mg/kg — FMCHA2 -,C91,83

STATUS:
* EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BEST COPY AVAILABLE

AN3451000 o-ACETOTOLUIDIDE, 2-DIETHYLAMINO-
UPDT 8403 MW: 220.33 MOLFM: C13-H20-N2-O
SYN: 2-DIETHYLAMINO o-ACETOTOLUIDIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:450 mg/kg JAPMAB 48,402,59

AN3451500 m-ACETOTOLUIDIDE, 2-(DIETHYLAMINO)-alpha-(2-(DIETHYLAMINO)ACETAMIDO)-4'-(OCTYLOXY)-, DIHYDROCHLORIDE
UPDT 8406 MW: 569.71 MOLFM: C27-H48-N4-O3-2Cl-H
SYN: 1-(4-DIETHYLAMINOACETAMIDO-2-DIETHYLAMINOACETAMIDOMETHYLPHENOXY)-n-OCTANE DIHYDROCHLORIDE * 2-(DIETHYLAMINO)-alpha-(2-(DIETHYLAMINO)ACETAMIDO)-4'-(OCTYLOXY)-m-ACETOTOLUIDIDE 2HCl
TOXICITY DATA AND REFERENCES:
3F05F12J26 scu-mus LD50:550 mg/kg JPPMAB 14(Suppl),4BT,62
3F05F12J26 ivn-mus LD50:37500 ug/kg JPPMAB 14(Suppl),4BT,62

AN3465000 p-ACETOTOLUIDIDE, 2-(DIETHYLAMINO)-, MONOHYDROCHLORIDE
UPDT 8305 CAS: 13995-56-5 MW: 256.81 MOLFM: C13-H20-N2-O-Cl-H
SYN: 2-(DIETHYLAMINO)-p-ACETOTOLUIDIDE MONOHYDROCHLORIDE * omega-DIETHYLAMINO METHYL 4 ACETANILIDE CHLORHYDRATE (French) * 2-(DIETHYLAMINO)-4 METHYLACETANILIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:750 mg/kg APFRAD 24,539,66

AN3480000 o-ACETOTOLUIDIDE, N-(DIMETHYLCARBAMOYLMETHYL)-
UPDT 8410 MW: 234.33 MOLFM: C13-H18-N2-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:860 mg/kg YKKZAJ 81,659,61

AN3482000 p-ACETOTOLUIDIDE, N-(DIMETHYLCARBAMOYLMETHYL)-
UPDT 8410 MW: 234.33 MOLFM: C13-H18-N2-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:860 mg/kg YKKZAJ 81,659,61

AN3630000 m-ACETOTOLUIDIDE, 2-FLUORO-N-METHYL-
UPDT 8408 CAS: 10016-01-0 MW: 181.23 MOLFM: C10-H12-F-N-O
SYN: 2-FLUORO-N-METHYL m-ACETOTOLUIDIDE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:40 mg/kg YKKZAJ 88,1620,68

AN3675000 o-ACETOTOLUIDIDE, 4'-PHENYL-
UPDT 8401 CAS: 63040-30-2 MW: 225.31 MOLFM: C15-H15-N-O
SYN: 3-METHYL 4-ACETYLAMINOBIPHENYL * 4-PHENYL-o-ACETOTOLUIDE
TUMORIGENIC DATA AND REFERENCES:
3V01D45K60 orl-rat TDLo:2160 mg/kg/2sw-C CNREA8 22,1002,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACETOVANILLONE see: AM8800000
ACFTOVANILONE see: AM8800000
ACETOVANYLLON see: AM8800000
N-ACETOXY-5-ACETAMIDOBIPHENYL see: NC3411500
N-ACETOXY-2-ACETAMIDOFLUORENE see: NC3420000
ACETOXY(2-ACETAMIDO-5-NITROPHENYL)MERCURY see: OV6725000
N-ACETOXY-2-ACETAMIDOPHENANTHRENE see: AF1670000
N-ACETOXY-4-ACETAMIDOSTILBENE see: AL1800000
2-ACETOXY-4'-(ACETAMINO)PHENYLBENZOATE see: VO0720000 SALICYLIC ACID, ACETATE, ESTER with4'-HYDROXYACETANILIDE
5-ACETOXY-2-ACETOXYMETHYLPYRON-4 (German) see: UQ0890000
5-ACETOXY-2-ACETOXYMETHYLPYR-4-ONE see: UQ0890000
N-ACETOXY-4-ACETYLAMINOBIPHENYL see: AK8225600
N-ACETOXY-N-ACETYL-2-AMINOFLUORENE see: NC3420000
N-ACETOXY-2-ACETYLAMINOFLUORENE see: NC3420000
N-ACETOXY-2-ACETYLAMINO,9PHENANTHRENE see: AL1056000
N-ACETOXY-4-ACETYLAMINOSTILBENE see: AL1800000
trans-N-ACETOXY-4-ACETYL-AMINOSTILBENE see: NC3450000
4-ACETOXY-6-ANDROSTENE-3,17-DIONE see: BV8153000
o-ACETOXYBENZOIC ACID see: VO0700000
2-ACETOXYBENZOIC ACID see: VO0700000
N-ACETOXY-4-BIPHENYLACETAMIDE see: NC3411500
3-beta-ACETOXY-BISNOR-delta(sup 5) CHOLENIC ACID see: TU4600000
17-ACETOXY-6-CHLORO-6-DEHYDROPROGESTERONE see: TU3750000
17-alpha-ACETOXY-6-CHLORO-6-DEHYDPOPROGESTERONE see: TU3750000
17-alpha-ACETOXY-6-CHLORO-6,7-DEHYDROPROGESTERONE see: TU3750000
ACETOXY-4'-CHLORO-3,5-DIIODOBENZANILIDE see: VN7885000
beta-ACETOXY-p-CHLORO-N,N-DIMETHYLPHENETHYLAMINE see: SG9150000
17-ACETOXY-6-CHLORO-16-METHYLENE-4,6-PREGNADIENE-3,20-DIONE see: TU3801000
17-alpha-ACETOXY-6-CHLORO 1-alpha,2-alpha-METHYLENEPREGNA-4,6-DIENE-3,20-DIONE see: GZ2230000
17-beta-ACETOXY-2-alpha-CHLORO-3-(p-NITROPHENOXY)IMINO-5-ANDROSTANE see: BV8047600
17-alpha-ACETOXY-6-CHLOROPREGNA-4,6-DIENE-3,20-DIONE see: TU3750000
17-alpha-ACETOXY-6-CHLORO-4,6-PREGNADIENE-3,20-DIONE see: TU3750000
ACETOXYCYCLOHEXIMIDE see: MA5075000
17-alpha-ACETOXY-6-DEHYDRO-6-METHYLPROGESTERONE see: TU4075000
17-alpha-ACETOXY-6-beta,11-beta-DICHLORO-19-NORPREGNA-4,6-DIENE-3,20-DIONE see: RC8899100
2-ACETOXY-3-DIETHYLCARBAMYL-9,10-DIMETHOXY-1,2,3,4,6,7-HEXAHYDRO-11b-BENZO(a)QUINOLIZINE see: DK1575000
ACETOXYDIETHYLPHENYLSTANNANE see: WH5700000
11-ACETOXY-15,16-DIHYDROCYCLOPENTA(a)PHENANTHRACEN-17-ONE see: GY5275000
1-ACETOXY-1,4-DIHYDRO-4-(HYDROXYAMINO)QUINOLINE ACETATE (ESTER) see: VB4800000
21-ACETOXY-11-beta,17-alpha-DIHYDROXYPREGN-4-ENE-3,20-DIONE see: GM8960000
21-ACETOXY-3,20-DIKETOPREGN-4-ENE see: HG0525000
6-ACETOXY-2,4-DIMETHYL-m-DIOXANE see: AH1350000
alpha-ACETOXY DIMETHYLNITROSAMINE see: AI9150000
3-(2-(5-ACETOXY-3,5-DIMETHYL-2-OXOCYCLOHEXYL)-2-HYDROXYETHYL)GLUTARIMIDE see: MA5075000
beta-ACETOXY-N,N-DIMETHYLPHENETHYLAMINE see: SG9152000
ACETOXYDIPHENYLETHYLSTANNANE see: WH5250000 STANNANE, ACETOXYDIPHENYLETHYL-1'-ACETOXYESTRAGOLE see: DO9205000
ACETOXYETHANE see: AH5425000
7-alpha-(ACETOXYETHANE)-OXYFLAVONE see: AJ1460000
2-ACETOXYETHYL ACETOACETATE see: EK7943000
2-ACETOXYETHYL ACETYLACETATE see: EK7943000
1-(2-ACETOXYETHYL)-4-(3-(2-CHLORO-10-PHENOTHIAZINYL)PROPYL)PIPERAZINE DIHYDROCHLORIDE see: TL7350000
1-ACETOXYETHYLENE see: AK0875000
N-(alpha-ACETOXY)ETHYL-N-ETHYLNITROSAMINE see: HZ8880000
N-(2-ACETOXYETHYL)-N-NITROSOCARBAMIC ACID ETHYL ESTER see: FB2250000
2-ACETOXYETHYLTRIMETHYLAMMONIUM CHLORIDE see: FZ9500000
N-ACETOXYFLUORENYLACETAMIDE see: AF1650000
N-ACETOXY-2-FLUORENYLACETAMIDE see: NC3420000
N-ACETOXY-3-FLUORENYLACETAMIDE see: AF1650000
N-ACETOXY-4-FLUORENYLACETAMIDE see: AF1660000
N-ACETOXY-2-FLUORENYLBENZAMIDE see: DG0525000
6-ACETOXYHEXANOIC ACID, BUTYL ESTER see: MO5900000
6-ACETOXYHEXANOIC ACID, METHYL ESTER see: MO5910000
21-ACETOXY-17,alpha-HYDROXYPREGN-4-ENE-3,11,20-TRIONE see: GM9140000
21-ACETOXY-17,alpha-HYDROXY-3,11,20-TRIKETOPREGNENE-4 see: GM9140000
3-ACETOXYINDOLE see: AI3325000
(2-(4-ACETOXY-2-ISOPROPYL-5-METHYLPHENOXY)ETHYL)DIMETHYLAMINE HYDROCHLORIDE see: PI1600000

AN7500000 3',4'-ACETOXYLIDIDE
UPDT 8401 CAS: 2198-54-1 MW: 163.24 MOLFM: C10-H13-N-O
SYN: ACETAMIDE, N-(3,4-DIMETHYLPHENYL)- (9CI) * 3,4-DIMETHYLACETANILIDE * 3',4'-DIMETHYLACETANILIDE
TUMORIGENIC DATA AND REFERENCES:
3V03D45K60 orl-rat TDLo:9900 mg/kg/56W-C CNREA8 16,525,56
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1030 mg/kg TXAPA9 19,20,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AN7525000 2',6'-ACETOXYLIDIDE, 2-(DIETHYLAMINO)-
UPDT 8408 CAS: 137-58-6 MW: 234.38 MOLFM: C14-H22-N2-O
SYN: ACETAMIDE, 2-(DIETHYLAMINO)-N-(2,6-DIMETHYLPHENYL)- (9CI) * ANESTACON * DIETHYLAMINOACETO-2,6-XYLIDIDE * alpha-DIETHYLAMINOACETO-2,6-XYLIDIDE * alpha-DIETHYLAMINO-2,6-ACETOXYLIDIDE * 2-(DIETHYLAMINO)-2',6'-ACETOXYLIDIDE * DIETHYLAMINOACET-2,6-XYLIDIDE * alpha-DIETHYLAMINO-2,6-DIMETHYLACETANILIDE * omega-DIETHYLAMINO-2,6-DIMETHYLACETANILIDE * alfa-DIETILAMINO-2,6-DIMETILACETANILIDE (Italian) * DUNCAINE * GRAVOCAIN * ISICAINA * ISICAINE * LEOSTESIN * LIDA-MANTLE * LIDOCAINE * LIGNOCAINE * MARICAINE * RUCAINA * SOLCAIN * XILOCAINA (Italian) * XYCAINE * XYLESTESIN * XYLOCAIN * XYLOCAINE * XYLOCITIN * XYLOTOX
TOXICITY DATA AND REFERENCES:
3F08F13G10 orl-wmn TDLo:39 mg/kg NEJMAG 306,381,82
* orl-rat LD50:317 mg/kg BCFAAJ 110,330,71
scu-rat LD50:335 mg/kg EJMCA5 9,188,74
ivn-rat LDLo:25 mg/kg BJANAD 23,153,51
* orl-mus LD50:269 mg/kg BCFAAJ 110,330,71
3C17F12F19 ipr-mus LD50:102 mg/kg JMCMAR 24,1059,81
* scu-mus LD50:240 mg/kg AFPCAG 29,81,76
3F12H02J30 ivn-mus LD50:20 mg/kg JPETAB 123,269,58
* ivn-rbt LDLo:41 mg/kg APTOA6 31,273,72
* scu-gpg LD50:120 mg/kg FRPSAX 10,883,55
ivn-gpg LDLo:65 mg/kg AIPTAK 150,235,61
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BNYMAM 52(2),222,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AN7600000 2',6'-ACETOXYLIDIDE, 2-(DIETHYLAMINO)-, HYDROCHLORIDE
UPDT 8412 CAS: 73-78-9 MW: 270.84 MOLFM: C14-H22-N2-O-Cl-H
SYN: ACETAMIDE, 2-(DIETHYLAMINO)-N-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE (9CI) * 2,6-ACETOXYLIDIDE 2-(DIETHYLAMINO)-, MONOHYDROCHLORIDE (8CI) * ANESTACON HYDROCHLORIDE * 2-DIETHYLAMINO-2',6'-ACETOXYLIDIDE HYDROCHLORIDE * omega-DIETHYLAMINO-2,6-DIMETHYLACETANILIDE HYDROCHLORIDE * DUNCAINE HYDROCHLORIDE * GRAVOCAIN HYDROCHLORIDE * ISICAINE HYDROCHLORIDE * LEOSTESIN HYDROCHLORIDE * LIDOCAIN HYDROCHLORIDE * LIDOCAINE HYDROCHLORIDE * LIDOTHESIN HYDROCHLORIDE * LIGNOCAINE HYDROCHLORIDE * RUCAINA HYDROCHLORIDE * S 202 * XYCAINE HYDROCHLORIDE * XYLESTESIN HYDROCHLORIDE * XYLOCAINE HYDROCHLORIDE * XYLOCARD * XYLOCITIN HYDROCHLORIDE * XYLONEURAL * XYLOTOX HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 3% MLD AIPTAK 137,410,62
eye-rbt 3% MLD AIPTAK 137,410,62
TOXICITY DATA AND REFERENCES:
3F07J25H02 ivn-man TDLo:14 mg/kg/2H AHJOA2 92,168,76
ipr-rat LD50:129 mg/kg ARZNAD 8,270,58
scu-rat LD50:570 mg/kg RPOBAR 2,299,70
ivn-rat LD50:21 mg/kg RPOBAR 2,299,70
orl-mus LD50:220 mg/kg RPOBAR 2,298,70
* ipr-mus LD50:75600 ug/kg AIPTAK 137,410,62
1F29 scu-mus LD50:200 mg/kg JPMSAE 60,685,71
2F05J26 ivn-mus LD50:13 mg/kg JPPMAB 14(Suppl),4BT,62
ims-mus LD50:260 mg/kg RPOBAR 2,298,70
* ivn-rbt LD50:25600 ug/kg NIIRDN 6,879,82
* itr-rbt LD50:28 mg/kg AIPTAK 200,359,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2',6'-ACETOXYLIDIDE, 2-(DIETHYLAMINO)-, MONOHYDROCHLORIDE (8CI) see: AN7600000
p-(ACETOXYMERCURI)AMILINE see: OV5550000
(ACETOXYMERCURI)BENZENE see: OV6475000
(3-((3-(ACETOXYMERCURI)-2-ETHOXYPROPYL)CARBAMOYL)-2-NAPHTHYLOXY)ACETIC ACID see: AF1510000
5-((3-(ACETOXYMERCURI)-2-METHOXYPROPYL)SULFAMOYL)-2-THIOPHENECARBOXYLIC ACID ETHYL ESTER see: XM8340000
N-(3-(ACETOXYMERCURI)-2-METHOXYPROPYL)-2-THIOPHENESULFONAMIDE see: XN6294500
2-(N-(gamma-ACETOXYMERCURI-beta-METHOXYPROPYL))-THIOPHENESULFONAMIDE see: XN0294500
6-ACETOXYMERCURI-5-NITROGUAIACOL and 4,6-DIACETOXYMERCURI-5-NITROGUAIACOL see: OW4760000
ACETOXYMERCURI-3' METHOXY-2' PROPYL-7 THEOPHYLLINE (French) see: OV6655000
1-ACETOXY-2-METHOXY-4-ALLYLBENZENE see: SJ4550000
4-ACETOXY-7-METHOXY-2H-1,4-BENZOXAZIN-3(4H)-ONE see: DM3300200
4-ACETOXY-3-METHOXY-1-PROPENYLBENZENE see: SL7940000
ACETOXY-METHYLACETIC ACID TRIMETHYLAMMONIUMETHYL ESTER TOLUENE-4-SULFONATE see: KH2580000
ACETOXY-METHYL ACETYLCHOLINE CHLORIDE see: KH2560000
N-ACETOXY-N-METHYL-4-AMINOAZOBENZENE see: NC2990000
4-ACETOXY-7-METHYLBENZ(c)ACRIDINE see: CU4351000 BENZ(c)ACRIDIN-4-OL, 7-METHYL-, ACETATE(ester)
10-ACETOXYMETHYL-1,2-BENZANTHRACENE see: CW8575000
6-ACETOXYMETHYLBENZO(a)PYRENE see: DJ4800000
ACETOXYMETHYLBUTYLNITROSAMINE see: AF7477000
N-(ACETOXY)METHYL-N-n-BUTYLNITROSAMINE see: AF7477000
N-(ACETOXY)METHYL-N-tert-BUTYLNITROSAMINE see: AF7477100
ACETOXYMETHYLETHYLNITROSAMINE see: AH5601500
N-(ACETOXY)METHYL-N-ETHYLNITROSAMINE see: AH5601500
N-(ACETOXYMETHYL)-N-ISOBUTYLNITROSAMINE see: AI4100000
7-ACETOXYMETHYL-12-METHYLBENZ(a)ANTHRACENE see: CW9100000
17-ACETOXY-6-alpha-METHYL-16-METHYLENEPREGN-4-ENE-3,20-DIONE see: TU5401000
ACETOXYMETHYL-METHYLNITRAMINE see: AI9112000
ACETOXYMETHYL-METHYL-NITROSAMIN (German) see: AI9150000
ACETOXYMETHYL METHYLNITROSAMINE see: AI9150000
N-alpha-ACETOXYMETHYL-N-METHYLNITROSAMINE see: AI9150000
N-ACETOXYMETHYL-N-NITROSOETHYLAMINE see: AH5601500
17-alpha-ACETOXY-6-METHYL-19-NOR-4,6-PREGNADIENE-3,20-DIONE see: RC8899200
4-ACETOXY-3-METHYL-2-(4-PHENYLBUTADIENYL)PIPERIDINE see: TN7760000
ACETOXYMETHYLPHENYLNITROSAMINE see: AJ1375000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

17-ACETOXY-6-METHYLPREGNA-4,6-DIENE-3,20-DIONE see: TU4075000
17-alpha-ACETOXY-6-METHYLPREGNA-4,6-DIENE-3,20-DIONE see: TU4075000
17-alpha-ACETOXY-6-METHYL-4,6-PREGNADIENE-3,20-DIONE see: TU4075000
16-alpha-ACETOXYMETHYL-delta(sup 5)-PREGNENE-3-beta,20-beta-DIOL DIACETATE see: TU5490000
17-alpha-ACETOXY-6-alpha-METHYLPREGN-4-ENE-3,20-DIONE see: TU5010000
17-ACETOXY-6-alpha-METHYLPROGESTERONE see: TU5010000
17-alpha-ACETOXY-6-alpha-METHYLPROGESTERONE see: TU5010000
ACETOXYMETHYLPROPYLNITROSAMINE see: AJ3700000
N-(ACETOXY)METHYL-N-n-PROPYLNITROSAMINE see: AJ3700000
ACETOXYMETHYLTRIDEUTEROMETHYLNITROSAMINE see: AI9155000
N-ACETOXY-2-MYRISTOYL-AMINOFLUORENE see: QH4560000
1-ACETOXY-N-NITROSODIETHYLAMINE see: HZ8880000
1-ACETOXY-N-NITROSODIMETHYLAMINE see: AI9150000
1-ACETOXY-N-NITROSODIPROPYLAMINE see: JL9330000
17-ACETOXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE see: RC8965000
17-beta-ACETOXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE see: RC8965000
1-ACETOXYOCTADIENE see: RG5430000
2-ACETOXYPENTANE see: AJ2100000
N-ACETOXY-4-PHENANTHRYLACETAMIDE see: AF1670000
3-ACETOXYPHENOL see: VH2750000
2-exo-ACETOXY-2-endo-PHENYL-3-exo-DIMETHYLAMINOMETHYLNORBORNANE see: RB7565500
ACETOXYPHENYLMERCURY see: OV6475000
1-(p-ACETOXYPHENYL)-2-PHENYLNAPHTHO(2,1-b)FURAN see: SM8335000
2-ACETOXY-1-PHENYLPROPANE see: AI9316000
3-beta-ACETOXYPREGN-6-ENE-20-CARBOXYLIC ACID see: TU4600000
ACETOXYPROGESTERONE see: TU5074000
17-ACETOXYPROGESTERONE see: TU5074000
17-alpha-ACETOXYPROGESTERONE see: TU5074000
1-ACETOXYPROPANE see: AJ3675000
2-ACETOXYPROPANE see: AI4930000
3-ACETOXYPROPENE see: AF1750000
N-(alpha-ACETOXY)PROPYL-N-n-PROPYLNITROSAMINE see: JL9330000
1'-ACETOXYSAFROLE see: DF4921000
3'-ACETOXY-SAFROLE see: UD4230000
1'-ACETOXYSAFROLE-2',3'-OXIDE see: DO5465000
N-ACETOXY-N-(4-STILBENYL)-ACETAMIDE see: HC3440000
alpha-ACETOXYTOLUENE see: AF5075000
p-ACETOXYTOLUENE see: AJ7570000
4-ACETOXYTOLUENE see: AI7570000
ACETOXYTRIBUTYLPLUMBANE see: TP3921500
N-(1-ACETOXY-2,2,2-TRICHLOROETHYL)BENZENESULFONAMIDE see: AM3538000
ACETOXYTRICYCLOHEXYLSTANNANE see: WH5800000 STANNANE, ACETOXYTRICYCLOHEXYL-
ACETOXYTRIETHYLPLUMBANE see: TP3922000
ACETOXYTRIETHYLSTANNANE see: WH5950000
ACETOXYTRIMETHYLPLUMBANE see: TP3922100
ACETOXYTRIOCTYLSTANNANE see: WH6500000 STANNANE, ACETOXYTRIOCTYL-
ACETOXYTRIPENTYLSTANNANE see: WH6600000 STANNANE, ACETOXYTRIPENTYL-
ACETOXY-TRIPHENYL-STANNAN (German) see: WH6650000
ACETOXY-TRIPHENYLSTANNANE see: WH6650000
ACETOXYTRIPROPYLPLUMBANE see: TP3922400
ACETOXYTRIS(beta,beta-DIMETHYLPHENETHYL)STANNANE see: WH6701000
STANNANE,ACETOXYTRIS(beta,beta-DIMETHYLPHENETHYL)-
2-ACETOXYTROPONE see: YN2346000 TROPOLONE, ACETATE
3-ACETOXYXANTHINE see: XD8110000
ACETOZALAMIDE see: AC8225000
ACETO ZDBD see: ZH0175000
ACETO ZDED see: ZH0525000
ACETO ZDMD see: ZH0525000
ACETPARAMIN see: AD8225000
ACET-p-PHENALIDE see: AM4375000
ACETPHENARSINE see: CF8400000
ACETPHENETIDIN see: AM4375000
p-ACETPHENETIDIN see: AM4375000
ACET-p-PHENETIDIN see: AM4375000
ACETRIZOATE MEGLUMINE see: LZ4295880
ACETRIZOATE de METHYLGLUCAMINE (French) see: LZ4295880
ACETRIZOATE METHYLGLUCAMINE SALT see: LZ4295880
ACETRIZOATE SODIUM see: DG0888000
ACETRIZOIC ACID see: DG0887000
ACETRIZOIC ACID SODIUM SALT see: DG0888000
ACET-THEOCIN see: XH3850000
2'-ACETYLACETANILIDE see: AD7710000
ACETYLACETONE see: SA1925000
ACETYLACETONE PEROXIDE see: SA2410000
ACETYLACETONE PEROXIDE (DOT) see: SA2400000
ACETYL ACETONE PEROXIDE (DOT) see: SA2410000
ACETYL ACETONE PEROXIDE, maximum concentration 40% in solution (DOT) see: SA2390000
N-ACETYL-2-ACETYLAMINOPHENANTHRENE see: HI4002000 DIACETAMIDE, N-(2-PHENANTHRENYL)-
ACETYL ADALIN see: YR6475000
ACETYLADRIAMYCIN see: HB7875000
3-(ACETYLAMINO)-5-((ACETYLAMINO)METHYL)-2,4,6-TRIIODOBENZOIC ACID see: DG0895000
2-((3-(ACETYLAMINO)-5-(ACETYLMETHYLAMINO)-2,4,6-TRIIODOBENZOYL)AMINO)-2-DEOXY-D-GLUCOSE see: LZ6650000
p-(ACETYLAMINO)ANILINE see: AD8225000
4-(ACETYLAMINO)ANILINE see: AD8225000
4-ACETYLAMINOAZOBENZENE see: AE6300000
p-ACETYLAMINOBENZALDEHYDE THIOSEMICARBAZONE see: AE3850000
ACETYLAMINOBENZENE see: AD7350000
N-ACETYL-p-AMINOBENZENEARSONIC ACID, SODIUM SALT, TETRAHYDRATE see: CF8925000
N-ACETYL-4-AMINOBENZENESULFONAMIDE see: AC8450000
N-(4-ACETYLAMINOBENZENESULFONYL)ERYTHROMYCYLAMINE see: KF4580000
N-ACETYLAMINOBENZOIC ACID see: CB2455000
2-(ACETYLAMINO)BENZOIC ACID see: CB2455000
4-(ACETYLAMINO)BENZOIC ACID compd. with 2-(DIMETHYLAMINO)ETHANOL (1:1) see: KK6300000
p-ACETYLAMINO-BENZONITRILE (French) see: AE1846000
2-ACETYLAMINOBIPHENYL see: AE6000000
3-ACETYLAMINOBIPHENYL see: AE6050000
4-ACETYLAMINOBIPHENYL see: AE6125000
4-ACETYLAMINOBIPHENYL-N-SULFATE POTASSIUM SALT see: NC5427200
gamma-ACETYLAMINOBUTYRIC ACID see: ES5610000
N-((ACETYLAMINO)CARBONYL)-2-BROMO-2-ETHYLBUTANAMIDE see: YR6475000
N-((ACETYLAMINO)CARBONYL)-alpha-ETHYLBENZENEACETAMIDE see: YR7175000
2-ACETYLAMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID see: XJ1790000
3-ACETYLAMINODIBENZOFURAN see: AB6100000
2-ACETYLAMINODIBENZOTHIOPHENE see: AB6200000
3-ACETYLAMINODIBENZOTHIOPHENE see: AB6202000
3-ACETYLAMINODIBENZOTHIOPHENE-5-OXIDE see: AB6220000
2-ACETYLAMINO-9,10-DIHYDROPHENANTHRENE see: AB7600000
2-ACETYLAMINO-3,5-DIIODOBENZOIC ACID see: CB2456000
4-ACETYLAMINO-3,5-DIIODOBENZOIC ACID see: DG0879200
4-ACETYLAMINO-p-DIPHENYLBENZENE see: AC8520000
2-ACETYLAMINOETHANOL see: AC3120000
S-(2-(ACETYLAMINO)ETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE0350000
3-ACETYLAMINO-FLUORANTHEN (German) see: AB9000000
3-ACETYLAMINOFLUORANTHENE see: AB9000000
2-ACETYLAMINO-FLUOREN (German) see: AB9450000
4-ACETYLAMINOFLUOREN (German) see: AB9530000
N-ACETYL-2-AMINOFLUORENE see: AB9450000
2-(ACETYLAMINO)FLUORENE see: AB9450000
4-ACETYLAMINOFLUORENE see: AB9530000
ACETYLAMINOFLUORENE-N-SULFATE see: NC5427500
2-ACETYLAMINO-9-FLUORENOL see: AC3520000
2-ACETYLAMINOFLUORENONE see: AC7000000
2-ACETYLAMINO-9-FLUORENONE see: AC7000000
2-ACETYLAMINO-9-(p-FLUOROPHENYLIMINO)FLUORENE see: AC2840000
N-ACETYL-6-AMINOHEXANOIC ACID see: MO5800000
3-ACETYLAMINO-4-HYDROXYPHENYLARSONIC ACID see: CF8400000
3-ACETYLAMINO-5-N-METHYL-ACETYLAMINO-2,4,6-TRIIODOBENZOYL GLUCOSAMINE see: LZ6650000 D-GLUCOSE, 2-(3-ACETAMIDO-2,4,6-TRIIODO-5-(N-METHYLACETAMIDO)BENZAMIDO)-2-DEOXY-
6-(ACETYLAMINO)-4-METHYL-1,2-DITHIOLO(4,3-b)PYRROL-5(4H)-ONE see: JP1355000
5-ACETYLAMINO-N-METHYL-2,4,6-TRIIODOISOPHTHALAMIC ACID SODIUM SALT see: NT1987000
4-(ACETYLAMINO)-((2-((3-NITROBENZOYL)OXY)PHENYL)METHYLENE)HYDRAZIDE of BENZOIC ACID see: DG0905000
3-ACETYLAMINO-6-(5-NITRO-2-FURYLETHENYL)-1,2,4-TRIAZINE see: AC6725000
2-ACETYLAMINO-4-(5-NITRO-2-FURYL)THIAZOLE see: AC6650000
5-(ACETYLAMINO)-4-OXO-5-HEXENAMIDE see: MP6475000
p-(ACETYLAMINO)PHENACYL CHLORIDE see: AE1050000
2-ACETYLAMINOPHENANTHRENE see: AC7175000
3-ACETYLAMINOPHENANTHRENE see: AC7350000
9-ACETYLAMINOPHENANTHRENE see: AC7525000
p-ACETYLAMINOPHENOL see: AE4200000
N-ACETYL-p-AMINOPHENOL see: AE4200000
p-N-ACETYLAMINOPHENYLACETYLSALICYLATE see: VO0720000 SALICYLIC ACID, ACETATE, ESTER with 4'HYDROXYACETANILIDE
(4-(ACETYLAMINO)PHENYL)ARSONIC ACID SODIUM SALT TETRAHYDRATE see: CF8925000
ACETYL-p-AMINOPHENYLSTIBINSAURES NATRIUM (German) see: DA8800000
N(sup 1)-ACETYL-4-AMINOPHENYLSULFONAMIDE see: AC8450000
(9S)-9-(((4-(ACETYLAMINO)PHENYL)SULFONYL)AMINO)-9-DEOXO-ERYTHROMYCIN see: KF4580000
2-ACETYLAMINOPYRENE see: AC7840000
ACETYL p-AMINOSALICYLIC ACID see: VO1405000
4-ACETYLAMINOSTILBENE see: AE7000000
trans-4-ACETYLAMINOSTILBENE see: AE7000000
4-ACETYLAMINO-p-TERPHENYL see: AC8520000
2-ACETYLAMINO-1,3,4-THIADIAZOLE-5-SULFONAMIDE see: AC8225000
3-(ACETYLAMINO)-2,4,6-TRIIODOBENZOIC ACID see: DG0887000
5-ACETYLAMINO-2,4,6-TRIIODO-ISOPHTHALIC ACID DI-(N-METHYL-2,3-DIHYDROXYPROPYLAMIDE) see: NT2001100 ISOPHTHALAMIDE, 5-ACETAMIDO-N,N'-BIS(2,3-DIHYDROXYPROPYL)-N,N'-DIMETHYL-2,4,6-TRIIODO-
N-ACETYL-N-(3-AMINO-2,4,6-TRIIODOPHENYL)-beta-AMINOISOBUTYRIC ACID see: UE6050000
3-(ACETYL-(3-AMINO-2,4,6-TRIIODOPHENYL)AMINO)-2-METHYLPROPANOIC ACID see: UE6050000
3-(ACETYL-(3-AMINO-2,4,6-TRIIODOPHENYL)AMINO)-3-METHYLPROPANOIC ACID METHYLGLUCAMINE SALT see: UE6100000
N-ACETYL-N-(3-AMINO-2,4,6-TRIIODOPHENYL)-2-METHYL-beta-ALANINE see: UE6050000
N-ACETYL-N-(3-AMINO-2,4,6-TRIIODOPHENYL)-2-METHYL-beta-ALANINE METHYLGLUCAMINE SALT see: UE6100000
ACETYL ANHYDRIDE see: AK1925000
3-ACETYL-delta(sup 5)-ANHYDROSTROPHANTHIDIN see: FH4463000
ACETYLANILINE see: AD7350000
m-ACETYLANILINE see: AM5800000
3-ACETYLANILINE see: AM5800000
N-ACETYLANILINE see: AD7350000
(o-ACETYLANILINO)ACETONITRILE see: AL7702000
p-ACETYLANISOLE see: AM9240000
4-ACETYLANISOLE see: AM9240000
9-ACETYL-1,7,8-ANTHRACENETRIOL see: CB1300000
10-ACETYL-1,8,9-ANTHRACENETRIOL see: CB1300000
10-ACETYLANTHRALIN see: CB1300000
ACETYLANTHRANILIC ACID see: CB2455000
N-ACETYLANTHRANILIC ACID see: CB2455000
ACETYLARSAN see: CF8600000
N-ACETYLARSANILIC ACID, SODIUM SALT, TETRAHYDRATE see: CF8925000
1-ACETYLAZIRIDINE see: CM6300000
ACETYLBENZENE see: AM5250000
1-(p-ACETYLBENZENESULFONYL)-3-CYCLOHEXYLUREA see: YR7350000
N-ACETYLBENZIDINE see: AD8585000
2-ACETYLBENZOFURAN see: OB1203000
3-ACETYLBENZOFURAN-5-YL HYDROPEROXYMETHYL KETONE see: OB1070000
N-ACETYL-p-BENZOQUINONE IMINE see: AC6960000
3-ACETYL-2-BENZOXAZOLINONE see: DM4907000
N-ACETYLBENZOXAZOLONE see: DM4907000
ACETYL BENZOYL PEROXIDE, SOLID (DOT) see: SD7860000
ACETYL BENZOYL PEROXIDE SOLUTION (DOT) see: SD7861000
2-ACETYL-3,4-BENZPHENANTHRENE see: DI8300000
N-ACETYLBENZYLAMINE see: AB4546300
N-ACETYL-4-BENZYLPIPERIDINE see: TM4015000
N-ACETYL-4-BIPHENYLHYDROXYLAMINE see: AK8425000
1-ACETYL-3,3-BIS(4-(ACETYLOXY)PHENYL)-1,3-DIHYDRO-2H-INDOL-2-ONE see: NM3250000
1-ACETYL-3,3-BIS(p-HYDROXYPHENYL)OXINDOLE DIACETATE see: NM3250000

AO5955000 ACETYL BROMIDE
UPDT 8308 CAS: 506-96-7 MW: 122.96 MOLFM: C2-H3-Br-O
SYN: ACETYL BROMIDE (DOT) * UN 1716 (DOT)

TOXICITY DATA AND REFERENCES:
* ihl-mam LC50:48 gm/m3 GTPZAB 18(4),55,74
* ipr-mam LD50:250 mg/kg GTPZAB 18(4),55,74
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL, LABEL:CORROSIVE CFRGBR 49.172.101.82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AO5956000 ACETYL BROMIDE, BROMO-
UPDT 8401 CAS: 598-21-0 MW: 201.86 MOLFM: C2-H2-Br2-O
SYN: BROMOACETYL BROMIDE * BROMOACETYL BROMIDE (DOT) * UN 2513 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49.172.102.83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAIL

ACETYL BROMIDE (DOT) see: AO5955000
ACETYLBROMODIETHYLACETYLCARBAMIDE see: YR6475000
N-ACETYL-N-BROMODIETHYLACETYLCARBAMIDE see: YR6475000
N-ACETYL-N-BROMODIETHYLACETYLUREA see: YR6475000
N-ACETYL-N'-alpha-BROMO-alpha-ETHYLBUTYRYLCARBAMIDE see: YR6475000
1-ACETYL-3-(alpha-BROMO-alpha-ETHYLBUTYRYL)UREA see: YR6475000
1-ACETYL-3-(2-BROMO-2-ETHYLBUTYRYL)UREA see: YR6475000
3-(3-ACETYL-4-(3-tert-BUTYLAMINO-2-HYDROXYPROPOXY)PHENYL)-1,1-DIETHYLHARNSTOFF HCl (German) see: YR6560000
3-(3-ACETYL-4-(3-tert-BUTYLAMINO-2-HYDROXYPROPOXY)PHENYL)-1,1-DIETHYLUREA HYDROCHLORIDE see: YR6560000
O-ACETYL-2-sec-BUTYL-4,6-DINITROPHENOL see: AF7140000
1-(2-ACETYL-4-n-BUTYRAMIDOPHENOXY)-2-HYDROXY-3-ISOPROPYLAMINOPROPANE see: EJ3500500
dl-1-(2-ACETYL 4-BUTYRAMIDOPHENOXY)-2-HYDROXY-3-ISOPROPYLAMINOPROPANE HYDROCHLORIDE see: ES5235000
ACETYLBUTYRYL see: MO3140000
O-ACETYL-N-CARBOXY-N-PHENYL-HYDROXYLAMINE ISOPROPYL ESTER see: FD7430000
CARBANILIC ACID, NACETOXY-, ISOPROPYL ESTER
ACETYLCARBROMAL see: YR6475000

A06250000 ACETYL CARENE

DEF Mixture of isomers having the general formula O-C12 H19 (FCTXAV 13,681,75)
UPDT 8305 MW: 179.31 MOLFM: C12-H19-O
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3100 mg/kg FCTXAV 13,691,75
N-ACETYLCARMINOMYCIN see: QI9291500

A06270000 ACETYL CEDREME

DEF By acetylation of the hydrocarbon portion of cedarwood oil in the presence of an acidcatalyst (FCTXAV 16,637,78)
UPDT 8305
SYN: VERTOFIX COEUR
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,639,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5200 mg/kg FCTXAV 16,639,78
N-ACETYL-gamma-(m-CHLORANILINO)-BUTTERSAEURE (German) see: ES8395000 BUTYRIC ACID, 4-(N-(m-CHLOROPHENYL)ACETAMIDO)-

A06390000 ACETYL CHLORIDE

UPDT 8406 CAS: 75-36-5 MW: 78.50 MOLFM: C2-H3-Cl-O
SYN: ACETIC ACID, CHLORIDE * ACETIC CHLORIDE * ACETYL CHLORIDE (DOT) * ETHANOYL CHLORIDE * RCRA WASTE NUMBER U006 * UN 1717 (DOT)
TOXICITY DATA AND REFERENCES:
2D07J30 ihl-hmn TCLo:2 ppm/1M TGNCDL 2,28,61
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

A06475000 ACETYL CHLORIDE, CHLORO-

UPDT 8308 CAS: 79-04-9 MW: 112.94 MOLFM: C2-H2-Cl2-O
SYN: CHLORACETYL CHLORIDE * CHLOROACETIC ACID CHLORIDE * CHLOROACETIC CHLORIDE * CHLOROACETYL CHLORIDE * CHLOROACETYL CHLORIDE (DOT) * CHLORURE DE CHLORACETYLE (French) * MONOCHLOROACETYL CHLORIDE * UN 1752 (DOT)
TOXICITY DATA AND REFERENCES:
3J21R03D21 orl-rat LD50:120 mg/kg DTLVS* 4,84,80
ihl-rat LCLo:1000 ppm/4H JIHTAB 31,343,49
* ivn-mus LD50:32 mg/kg CSLNX* NX#04538
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppb (skin) DTLVS* 4,84,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

A06650000 ACETYL CHLORIDE, DICHLORO-

UPDT 8412 CAS: 79-36-7 MW: 147.38 MOLFM: C2-H-Cl3-O
SYN: CHLORURE DE DICHLORACETYLE (French) * DICHLORACETYL CHLORIDE * DICHLOROACETYL CHLORIDE * alpha alpha-DICHLOROACETYL CHLORIDE * 2,2-DICHLOROACETYL CHLORIDE * DICHLOROACETYL CHLORIDE (DOT) * DICHLOROETHANOYL CHLORIDE * UN 1765 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MOD AMIHBC 4,119,51
eye-rbt 50 ug open SEV AMIHBC 4,119,51
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 scu-mus TDLo:2 mg/kg/80W-I CNREAB 43,159,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2460 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:2000 ppm/4H AMIHBC 4,119,51
* skn-rbt LD50:650 mg/kg AMIHBC 4,119,51
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACETYL CHLORIDE (DOT) see: AO6390000

A07000000 ACETYL CHLORIDE, PHENYL-

UPDT 8401 CAS: 103-80-0 MW: 154.60 MOLFM: C8-H7-Cl-O
SYN: BENZENEACETYL CHLORIDE (9CI) * PHENACETYL CHLORIDE * PHENYLACETIC ACID CHLORIDE * PHENYLACETYL CHLORIDE * alpha-PHENYLACETYL CHLORIDE * PHENYLACETYL CHLORIDE (DOT) * UN 2577 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

A07140000 ACETYL CHLORIDE, TRICHLORO-

UPDT 8408 CAS: 76-02-8 MW: 181.82 MOLFM: C2-Cl4-O
SYN: TRICHLOROACETIC ACID CHLORIDE * TRICHLOROACETOCHLORIDE * TRICHLOROACETYL CHLORIDE * TRICHLOROACETYL CHLORIDE (DOT) * UN 2442 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:600 mg/kg 85GMAT -,113 82
* ihl-rat LC50:475 mg/m3/4H 85GMAT -,113,82
* ihl-mus LC50:445 mg/m3 85GMAT -,113,82
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

A07200000 ACETYL CHLORIDE, TRIMETHYL-

UPDT 8308 CAS: 3282-30-2 MW: 120.59 MOLFM: C5-H9-Cl-O
SYN: 2,2 DIMETHYLPROPANOYL CHLORIDE * 2,2 DIMETHYLPROPIONYL CHLORIDE * NEOPANTANOYL CHLORIDE * PIVALIC ACID CHLORIDE * PIVALOYL CHLORIDE * PIVALOYL CHLORIDE (8CI) * PIVALOYL CHLORIDE (DOT) * PIVALYL CHLORIDE * PROPANOYL CHLORIDE 2,2-DIMETHYL (9CI) * TRIMETHYL ACETYL CHLORIDE (DOT) * UN 2438 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
trans-4-ACETYL-5-(2-CHLORO-6-FLUOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520030
trans-4-ACETYL-5-(m-CHLOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520050
trans-4-ACETYL-5-(o-CHLOROPHENYL)-4,5-DIHYDRO-2(3H)FURANONE see: LU3520060
trans-4-ACETYL-5-(p-CHLOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520070
3-(1-ACETYL-2-(p-CHLOROPHENYL)ETHYL)-4-HYDROXYCOUMARIN see: GN4830000
4-ACETYL-4-(3-CHLOROPHENYL)-1-(3-(4-METHYLPIPERAZINO)-PROPYL)PIPERIDINE TRIHYDROCHLORIDE see: TK7912030
1-(3-(3-ACETYL-4-(p-CHLOROPHENYL)PIPERIDINO)PROPYL)-4-METHYLPIPERAZINE TRIHYDROCHLORIDE see: TK7912030
ACETYLCHOLINE see: FZ9700000
ACETYLCHOLINE CHLORIDE see: FZ9800000
O-ACETYLCHOLINE CHLORIDE see: FZ9800000
ACETYLCHOLINE HYDROCHLORIDE see: FZv800000
ACETYL CHOLINE ION see: FZ9700000
ACETYLCHOLINIUM CHLORIDE see: FZ9800000
ACETYLCOLAMINE see: AC312L 00
N-ACETYLCOLCHICINOL see: GH1000000
O-ACETYLCOLCHIFOLINE see: AC4011000
N-ACETYL COLCHINOL see: GH1000000
2-ACETYLCOUMARONE see: OB1203000
ACETYL CYCLOHEXANEPERSULFONATE see: SD7864200
ACETYL CYCLOHEXANESULFONYL PEROXIDE (DOT) see: SD7864000
ACETYL CYCLOHEXANESULFONYL PEROXIDE, not more than 32% in solution (DOT) see: SD7864100
trans-4-ACETYL-5-CYCLOHEXYL-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520090
ACETYL CYCLOHEXYLSULFONYL PEROXIDE see: SD7864200
ACETYL CYCLOHEXYLSULFONYL PEROXIDE, more than 82% wetted with less than 12% water (DOT) see: SD7864200
ACETYLCYSTEINE see: HA1660000
N-ACETYLCYSTEINE see: HA1660000
N-ACETYL-L-CYSTEINE see: HA1660000
N-ACETYL-n-CYSTEINE see: HA1660000
N-ACETYLDIANISIDINE see: AB4334000
N-ACETYL-DAUNORUBICIN see: QI9297000
2-ACETYL-2-DECARBOXAMIDOOXYTETRACYCLINE see: QI9296100
3-ACETYL-N-DEMETHYLMAYTANSINOL see: OQ2292400
3-ACETYLDEOXYNIVALENOL see: YD0150000
trans-4-ACETYL-5-(2,6-DICHLOROPHENYL)-4,5 DIHYDRO-2(3H)-FURANONE see: LU3520100
trans-4-ACETYL-5-(3,4-DICHLOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520110
16-ACETYLDIGITALINUM VERUM see: IH2650000
ACETYL-DIGOXIN-alpha see: IH6300000
ACETYL-DIGOXIN-beta see: IH6330000
alpha-ACETYLDIGOXIN see: IH6300000
beta-ACETYLDIGOXIN see: IH6330000
N-ACETYL-3,5-DIIODOANTHRANILIC ACID see: CB2456000
trans-4-ACETYL-5-(3,4-DIMETHOXYPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520120
6-ACETYL-1-(3-(DIMETHYLAMINO)PROPYL)-3-METHYL-2(1H)-QUINOXALINONE see: VD3638000
2-ACETYL-10-(3-DIMETHYLAMINOPROPYL)PHENOTHIAZINE see: OB2275000
2-ACETYL-10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE, MALEATE see: OB245000u
4-ACETYL-alpha,5-DIMETHYL-2-NITROIMIDAZOLEETHANOL see: NI5431700
5-ACETYL-3,3-DIPHENYL-1-(MORPHOLINOMETHYL)-2-INDOLINONE see: NM2080900
ACETYLEN see: AO9600000

A09600000 ACETYLENE

UPDT 8405 CAS: 74-86-2 MW: 26.04 MOLFM: C2-H2
SYN: ACETYLEN * ACETYLENE (liquid) * ACETYLENE (DOT) * ACETYLENE dissolved (DOT) * ETHINE * ETHYNE * NARCYLEN * UN 1001 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-mam LCLo:500000 ppm/5M AEPPAE 138,65,28
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air CL 2500 ppm FEREAC 39,22001,74
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.101,82
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ACETYLENE recm std-air:TWA no exposure 2500 ppm
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACETYLENE (liquid) see: AO9600000

A09840000 ACETYLENE, DIBROMO-

UPDT 8308 CAS: 624-61-3 MW: 183.84 MOLFM: C2-Br2
SYN: DIBROMOACETYLENE (DOT) * DIBROMOETHYLENE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

A09860000 ACETYLENEDICARBONITRILE

UPDT 8408 CAS: 1071-93-3 MW: 76.06 MOLFM: C4-N2
SYN: 2-BUTYNEDINITRILE (9CI) * DICYANOACETYLENE * DICYANOETHYNE * SOUS-AZOTE de CARBONE (French)
TOXICITY DATA AND REFERENCES:
3F12J22J26 ivn-rbt LDLo:73 mg/kg COREAF 152,1707,11
3F12J22J26 scu-gpg LDLo:195 mg/kg COREAF 152,1707,11

AP0700000 ACETYLENEDICARBOXYLIC ACID, MONOPOTASSIUM SALT

UPDT 8306 CAS: 920-04-1 MW: 152.15 MOLFM: C4-H-O4-K
SYN: MONOPOTASSIUM SALT of ACETYLENEDICARBOXYLIC ACID * U-4783
TOXICITY DATA AND REFERENCES:
orl-mus LD50:63 mg/kg TXAPA9 17,733,70
ipr-mus LD50:32 mg/kg TXAPA9 17,733,70
ivn-mus LD50:89 mg/kg TXAPA9 17,733,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1278-0263
ACETYLENE DICHLORIDE see: KV9360000
trans-ACETYLENE DICHLORIDE see: KV9400000

AP1080000 ACETYLENE, DICHLORO-

UPDT 8311 CAS: 7572-29-4 MW: 94.92 MOLFM: C2-Cl2
SYN: DICHLOROACETYLENE * DICHLOROETHYNE * ETHYNE DICHLORO- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 4000 ppm MUREAV 117,21,83
mma-sat 4000 ppm MUREAV 117,21,83
TOXICITY DATA AND REFERENCES:
3F17J22R21 ihl-mus LC50:19 ppm/6H FCTXAV 15,511,75
2L03M03 ihl-rbt LCLo:307 ppm/1H FCTXAV 16,227,78
REVIEW AND REFERENCES:
★ TLV-CL 100 ppb DTLVS* 4,125,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

AP1135000 ACETYLENE, DIIODO-

UPDT 8308 CAS: 624-74-8 MW: 277.82 MOLFM: C2-I2
SYN: DIIODACETYLENE * DIIODOACETYLENE (DOT) * ETHYNE DIIODO-
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

BEST COPY AVAILABLE

ACETYLENE (DOT) see: AO9600000
ACETYLENE, dissolved (DOT) see: AO9600000
ACETYLENE, METHYL- see: UK4250000

AP1200000 ACETYLENE SILVER NITRATE (DOT)
UPDT 8308
STANDARDS & REGULATIONS: HAZARD
★ DOT-HAZARD-FORBIDDEN CFRGBR 49,172 101.82

ACETYLENE TETRABROMIDE see: KI8225000
ACETYLENE TETRABROMIDE (DOT) see: KI8225000
ACETYLENE TETRACHLORIDE see: KI8575000
ACETYLENE TRICHLORIDE see: KX4550000
ACETYL ENHEPTIN see: XJ1570000
N-ACETYL ETHANOLAMINE see: AC3120000
ACETYL ETHER see: AK1925000
N-ACETYL ETHYL CARBAMATE see: EY3290000
ACETYL ETHYLENE see: EM9800000
ACETYLETHYLENEIMINE see: CM6300000
1-ACETYL-5-ETHYLIDENE-3-HEXANOYL-4-HYDROXYL-3-PYRROLIN-2-ONE see: UY7530000
1-ACETYL-5-ETHYLIDENE-6-HYDROXY-3-OCTANOYL-3-PYRROLIN-2-ONE see: UY7530100
N'-ACETYL ETHYLNITROSOUREA see: YR6825000
7-ACETYL-6-ETHYL-1,1,4,4-TETRAMETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE see: AL3031000
ACETYLETHYLTETRAMETHYLTETRALIN see: AL3031000
ACETYLEUGENOL see: SJ4550000
N-ACETYL-p-FENYLENDIAMIN (Czech) see: AD8225000
2-ACETYLFLUORENE see: QB3600000
N-ACETYL-2-FLUORENYLACETAMIDE see: HI4000600
21-ACETYL-6-alpha-FLUORO-16-alpha-METHYLPREDNISOLONE see: TU4025000
trans-4-ACETYL-5-(o-FLUOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520130
trans-4-ACETYL-5-(p-FLUOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520140
ACETYLFORMALDEHYDE see: UZ0700000
ACETYLFORMYL see: UZ0700000
ACETYLFURATRIZINE see: AC6725000
trans-4-ACETYL-5-(2-FURYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520150
16-ACETYLGITOXIN see: LZ0875000
ACETYL-GLAUCARUBULONE see: KD0240000
N-ACETYL GLUTAMATE de L-LYSINE (French) see: LZ9830000
N-ACETYL-L-GLUTAMIC ACID compd. with 2-(DIMETHYLAMINO)ETHANOL (1:1) see: LZ9800000
L-N-ACETYLGLUTAMIC ACID compd. with L-LYSINE see: LZ9830000
N-ACETYL-L-GLUTAMINE ALUMINUM SALT see: BD1280000
5-ACETYL-1,1,2,3,3,6-HEXAMETHYLINDAN see: OB4105000
N-ACETYLHOMOCYSTEINE THIOLACTONE see: AC8680000
N-ACETYLHOMOCYSTEINTHIOLAETON (German) see: AC8680000
ACETYL HYDRAZIDE see: AI1225000
ACETYL HYDRAZINE see: AI1225000
N-ACETYLHYDRAZINE see: AI1225000
20-(N-ACETYLHYDRAZINO)-5-alpha-PREGNAN-3-beta-OL see: TU4195000
ACETYL HYDROPEROXIDE see: SD8750000
ACETYL HYDROPEROXIDE see: SD8927100
3-ACETYL-5-(HYDROPEROXYACETYL)BENZOFURAN see: DF6428000
ACETYLHYDROXAMIC ACID see: AK8157000
N-ACETYL-4-HYDROXY-m-ARSANILIC ACID see: CF8400000
N-ACETYL-4-HYDROXY-M-ARSANILIC ACID DIETHYLAMINE SALT see: CF8600000
2-ACETYL-4-(3-HYDROXY-3-tert-BUTYLAMINOPROPOXY)BENZOFURAN see: OB1296000 KETONE, 4-(3-(tertBUTYLAMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL METHYL
2-ACETYL-7-(2-HYDROXY-3-sec-BUTYLAMINOPROPOXY)BENZOFURAN see: OB1295000 KETONE, 7-(3-(sec-BUTYLAMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL METHYL
2-ACETYL-7-(2-HYDROXY-3-tert-BUTYLAMINOPROPOXY)BENZOFURAN see: OB1297000 KETONE, 7-(3-(tertBUTYLAMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL METHYL
2-ACETYL-10-(3-(4-(beta-HYDROXYETHYL)PIPERAZIINYL)PROPYL)PHENOTHIAZINE see: OB4180000
2-ACETYL-10-(3-(4-(beta-HYDROXYETHYL)PIPERIDINO)PROPYL)PHENOTHIAZINE see: OB4200000
3-ACETYL-7-HYDROXY-5-(HYDROXYMETHYL)-2H-1-BENZOPYRAN-2-ONE see: DJ2976500
2-ACETYL-7-(2-HYROXY-3-ISOPROPYLAMINOPROPOXY)BENZOFURAN see: OB4310000 KETONE, 7-(2-HYDROXY3-(ISOPROPYLAMINO)PROPOXY)-2-BENZOFURANYL METHYL
2-ACETYL-7-((2-HYDROXY-3-ISOPROPYLAMINO)PROPOXY)BENZOFURAN HYDROCHLORIDE see: KM5780130
3'-ACETYL-4'-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)BUTYRANILIDE HYDROCHLORIDE see: ES5235000
3'-ACETYL-4'-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)BUTYRANILIDE see: EJ3500500
(+-)-N-(3-ACETYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)BUTANAMIDE see: EJ3500500
3-ACETYL-5-HYDROXYMETHYL-7-HYDROXYCOUMARIN see: DJ2976500
N-ACETYL-N'-(p-HYDROXYMETHYL)PHENYLHYDRAZINE see: MU7395000
N'-ACETYL-4-(HYDROXYMETHYL)PHENYLHYDRAZINE see: MU7395000
3-ACETYL-4-HYDROXY-6-METHYL-2H-PYRAN-2-ONE see: UP8050000
N-ACETYLIMIDAZOLE see: NI3400000
2-ACETYLIMINO-3-METHYL-delta(sup 4)-1,3,4-THIADIAZOLINE-5-SULFONAMIDE see: AC6350000
5-ACETYLIMINO-4-METHYL-delta(sup 2)-1,3,4-THIADIAZOLINE-2-SULFONAMIDE see: AC6350000
ACETYLIN see: VO0700000
1-ACETYL-INDOLE-2,3-DIONE see: NL7873800
1-ACETYLINDOLE-2,3-DIONE 3-O-ACETYLOXIME see: NL7873900

AP4670000 ACETYL IODIDE
UPDT 8308 CAS: 507-02-8 MW: 169.95 MOLFM: C2-H3-I-O
SYN: ACETYL IODIDE (DOT) * UN 1898 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-CORROSIVE MATERIAL; LABEL-CORROSIVE CFRGBR 49,172 101.82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACETYL IODIDE (DOT) see: AP4670000
ACETYLISATIN see: NL7873800
N-ACETYLISATIN see: NL7873800
1-ACETYLISATIN see: NL7873800
ACETYLISOEUGENOL see: SL7940000
ACETYL ISONIAZID see: MU7400000
N-ACETYLISONIAZID see: MU7400000
1-ACETYL-2-ISONICOTINOYLHYDRAZINE see: MU7400000
N-ACETYLISONICOTINYLHYDRAZIDE see: MU7400000
ACETYLISOPENTANOYL see: MO3200000
ACETYL ISOVALERYL see: MO3200000
N-ACETYLKARMINOMYCIN see: QI9291500
ACETYLKIDAMYCIN see: CB4584000
ACETYLLACTOYLCHOLINE 1,5-NAPHTHALENEDISULFONATE see: KH2570000
(2-ACETYLLACTOYLOXYETHYL)TRIMETHYLAMMONIUM HEMI-1,5-NAPHTHALENEDISULFONATE see: KH2570000
(2-ACETYLLACTOYLOXYETHYL)TRIMETHYLAMMONIUM 1,5-NAPHTHALENEDISULFONATE see: KH2570000
ACETYLLANDROMEDOL see: PB9195000
4''-ACETYLMEGALOMICIN A see: OR8746830
ACETYL MERCAPTAN see: AJ5600000
N-ACETYL-3-MERCAPTOALANINE see: HA1660000
S-ACETYL-2-MERCAPTOETHYLAMINE HYDROCHLORIDE see: AJ5778000
N-ACETYL-3-MERCAPTOVALINE see: YV9380000
alpha-l-ACETYLMETHADOL see: MJ3650000
l-alpha-ACETYLMETHADOL see: MJ3650000
levo-alpha-ACETYLMETHADOL see: MJ3650000
l-alpha-ACETYLMETHADOL HYDROCHLORIDE see: MJ3680000 3-HEPTANOL, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, ACETATE (ester), HYDROCHLORIDE, (3S,6S)-(-)-
ACETYL-METHANESULFONIC ACID see: PB1200000
ACETYL-DL-METHIONINE see: PD0[illegible]000
DL-N-ACETYLMETHIONINE see: [illegible]000
4-ACETYL-alpha-METHOXYMETHYL-[illegible]-METHYL-2-NITROIMIDAZOLEETHANOL see: NI5431800
trans-4-ACETYL-5-(p-METHOXYPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520160
N-ACETYL-5-METHOXYTRYPTAMINE see: AC5955000
ACETYL METHYL CARBINOL see: EL8790000
ACETYL METHYLCARBINOL (DOT) see: EL8790000
ACETYLMETHYLCHOLINE see: BR5200000
ACETYL-beta-METHYLCHOLINE see: BR5200000
alpha-ACETYL-6-METHYLERGOLINE-8-beta-PROPIONAMIDE see: KE6345010
3-ACETYL-10-(3'N-METHYL-PIPERAZINO-N'-PROPYL)PHENOTHIAZINE see: OB4960000
3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE, enol form see: UP8050000
N-ACETYL-N-(2-METHYL-4-((2-METHYLPHENYL)AZO)PHENYL)ACETAMIDE see: AB4230000
ACETYL-METHYL-NITROSO-HARNSTOFF (German) see: YR7000000
ACETYLMETHYLNITROSOUREA see: YR7000000
N'-ACETYL-METHYLNITROSOUREA see: YR7000000
3-ACETYL-6-METHYLPYRANDIONE-2,4 see: UP8050000
3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE see: UP8050000
3-ACETYL-6-METHYL-2,4-PYRANDIONE see: UP8050000
3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE, SODIUM SALT, MONOHYDRATE see: UP8400000
N'-ACETYL-N'-MONOMETHYL-4'-AMINO-N-ACETYL-N-MONOMETHYL-4-AMINOAZOBENZENE see: AE2295000
N'-ACETYL-N'-MONOMETHYL-4'-AMINO-N-MONOMETHYL-4-AMINOAZOBENZENE see: AE4950000
N-ACETYLMORPHOLINE see: QD7000000
4-ACETYLMORPHOLINE see: QD7000000
3-ACETYL-10-(3'-MORPHOLINOPROPYL)PHENOTHIAZIN see: OB4975000
N-ACETYL-N-MYRISTOYLOXY-2-AMINOFLUORENE see: AL0300000
beta-ACETYLNAPHTHALENE see: AL2988000
1-ACETYLNAPHTHALENE see: AL2982800
2-ACETYLNAPHTHALENE see: AL2988000
p-ACETYLNITROBENZENE see: AM9627000
alpha-ACETYL-5-NITRO-2-FURANACRYLIC ACID ETHYL ESTER see: LT8560500
trans-4-ACETYL-5-(m-NITROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520170
trans-4-ACETYL-5-(o-NITROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520180
trans-4-ACETYL-5-(p-NITROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520190
2-ACETYL-4-NITROPYRROLE see: OB5030000
2-ACETYL-5-NITROPYRROLE see: OB5035000
2-ACETYL-5-NITROTHIOPHENE see: OB5040000
ACETYLON FAST BLUE G see: CB0540000
ACETYL OXIDE see: AK1925000
2-(ACETYLOXY)-2-((((4-(ACETYLAMINO)BENZOYL)HYDRAZONO)METHYL)PHENYL ESTER of BENZOIC ACID see: DG0928000
2-(ACETYLOXY)BENZOIC ACID see: VO0700000
2-(ACETYLOXY)BENZOIC ACID 2-(4-(ACETYLAMINO)PHENOXY)ETHYL ESTER see: DG0929000
BENZOICACID, 2-(ACETYLOXY)-, 2-(4-(ACETYLAMINO)PHENOXY)ETHYL ESTER
2-(ACETYLOXY)BENZOIC ACID 4-(ACETYLAMINO)PHENYL ESTER see: VO0720000 SALICYLIC ACID,ACETATE, ESTER with 4'-HYDROXYACETANILIDE
N-ACETYLOXY-N-(1,1'-BIPHENYL)-4-YLACETAMIDE see: NC3411500
5-(ACETYLOXY)-3-CHLORO-2-PENTANONE see: SA8146500 2-PENTANONE, 3-CHLORO-5-HYDROXY-, ACETATE
2-(ACETYLOXY)-N-(4-CHLOROPHENYL)-3,5-DIIODOBENZAMIDE see: VN7885000
17-(ACETYLOXY)-6-CHLOROPREGNA-4,6-DIENE-3,20-DIONE see: TU3750000
ACETYLOXYCYCLOHEXIMIDE see: MA5075000
3-(ACETYLOXY-3,7-DIHYDRO)-1H-PURINS-2,6-DIONE see: ZD8110000
4-ACETYLOXY-12,13-EPOXY-3,7,15-TRIHYDROXY-(3-alpha,4-beta,7-beta)-TRICHOTHEC-9-EN-8-ONE see: YD0160000
(17-alpha)-17-(ACETYLOXY)-13-ETHYL-18,19-DINORPREGN-4-EN-20-YN-3-ONE 3-OXIME see: JF7976000
6-beta-(ACETYLOXY)-3-beta-(beta-D-GLUCOPYRANOSYLOXY)-8,14-DIHYDROXYBUFA-4,20,22-TRIENOLIDE see: VR3520000
3-beta,6-beta-6-ACETYLOXY-3-(beta-D-GLUCOPYRANOSYLOXY)-8,14-DIHYDROXYBUFA-4,20,22-TRIENOLIDE see: VR3520000
21-(ACETYLOXY)-11-beta-HYDROXY-17-((1-OXOPENTYL)OXY)PREGNA-1,4-DIENE-3,20-DIONE see: TU3687000
4-(ACETYLOXY)-7-METHOXY-2H-1,4-BENZOXAZIN-3(4H)-ONE see: DM3300200
6-ACETYLOXYMETHYLBENZO(a)PYRENE see: DJ4800000
S-((ACETYLOXY)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE4420000
(6-alpha)-17-(ACETYLOXY)-6-METHYLPREG-4-ENE-3,20-DIONE see: TU5010000
(17-alpha)-17-(ACETYLOXY)-19-NORPREGN-4-EN-20-YN-3-ONE see: RC8965000
17-ACETYLOXY(17-alpha)-19-NORPREGN-4-ESTREN-17-beta-OL-ACETATE-3-ONE see: RC8965000
2-(2-(ACETYLOXY)-1-OXOPROPOXY)-N,N,N-TRIMETHYLETHANAMINIUM 1,5-NAPHTHALENEDISULFONATE (2:1) see: KH7570000
(ACETYLOXY)PHENYL-CARBAMIC ACID see: FD7430000 CARBANILIC ACID, N-ACETOXY-, ISOPROPYL ESTER
4-((4-(ACETYLOXY)PHENYL))3,4-DIHYDRO-1(2H)-NAPHTHALENYLIDENE)METHYL)PHENOL ACETATE see: SJ3665000
beta-ACETYLOXY-beta-PHENYLETHYL DIMETHYLAMINE see: SG9152000
4-((4-(ACETYLOXY)PHENYL)(2-METHYLCYCLOHEXYLIDENE)METHYL)PHENOL ACETATE see: GP1339000
4-((4-(ACETYLOXY)PHENYL)(2-METHYL-4-METHYLENECYCLOHEXYLIDENE)METHYL)PHENOL ACETATE see: SJ3680000
5-(1-ACETYLOXY-2-PROPENYL)-1,3-BENZODIOXOLE see: DF4921000
2-(ACETYLOXY)-N,N,N-TRIMETHYLETHANAMINIUM CHLORIDE see: FZ9800000
ACETYL-PAS-SAEURE (German) see: VO1405000
ACETYL-PAS-NATRIUM (German) see: VO1408000
N-ACETYL-D,L-PENICILLAMINE see: YV9380000

AP8500000 ACETYL PEROXIDE
UPDT 8401 CAS: 110-22-5 MW: 118.10 MOLFM: C4-H6-O4
SYN: DIACETYL PEROXIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 60 mg/1M rns SEV ZAARAM 8,25.58
TUMORIGENIC DATA AND REFERENCES:
3V03J60P62 unk-mus TDLo:283 mg/kg RARSAM 3,193,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AP8510000 ACETYL PEROXIDE, solid (contains more than 25% PEROXIDE in solution)
UPDT 8308
SYN: ACETYL PEROXIDE, solid (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN CFRGBR 49,172 101.82

BEST COPY AVAILABLE

AP8550000 ACETYL PEROXIDE (solution)
DEF:Solution contains not over 25% ACETYL PEROXIDE (FEREAC 41,15972,76)
UPDT:8308
SYN: ACETYL PEROXIDE SOLUTION (DOT) * DIACETYL PEROXIDE (solution) * UN 2084 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,127.101,82
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82
ACETYL PEROXIDE, solid (DOT) see: AP8510000
ACETYL PEROXIDE SOLUTION (DOT) see: AP8550000
ACETYLPHENETIDIN see: AM4375000
N-ACETYL-p-PHENETIDINE see: AM4375000
ACETYLPHENETURIDE see: YR7175000
1-((p-ACETYLPHENOXY)ACETYL)PIPERIDINE p-OXIME see: AM9700000
N-(N-ACETYL-D-PHENYLALANYL)-D-TRYPTOPHAN see: YN6460000
N(sup alpha)-(N-ACETYL-D-PHENYLALANYL)-D-TRYPTOPHANAMIDE see: YN6470000
N-(N-ACETYL-D-PHENYLALANYL)-D-TRYPTOPHAN METHYL ESTER see: YN6465000
trans-4-ACETYL-4-PHENYL-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520193
ACETYL-p-PHENYLENEDIAMINE see: AD8225000
1-ACETYL-3-PHENYLETHYLACETYLUREA see: YR7175000
N-(4-ACETYL-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYLCYCLOPROPANECARBOXAMIDE see: GZ1013000
N-(4-ACETYL-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYLPROPANAMIDE see: TX1404200
5-(4'-ACETYLPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: AM5350000
ACETYLPHENYLHYDRAZINE see: AJ2900000
beta-ACETYLPHENYLHYDRAZINE see: AJ2900000
1-ACETYL-2-PHENYLHYDRAZINE see: AJ2900000
4-((p-ACETYLPHENYLIMINO)-2,6-DICHLORO-2,5-CYCLOHEXADIEN-1-ONE see: GU5425700
1-(p-ACETYLPHENYL)-3-METHYL-3-NITROSOUREA see: YR7250000
1-((p-ACETYLPHENYLSULFONYL)-3-CYCLOHEXYLUREA see: YR7250000
12-O-ACETYL-PHORBOL-13-DECA-(DELTA-2)-ENOATE see: GZ0616000
12-O-ACETYL-PHORBOL-13-DECANOATE see: GZ0617000
ACETYLPHOSPHORAMIDOTHOIC ACID 0,S-DIMETHYL ESTER see: TB4760000
1-ACETYL-2-PICOLINOLHYDRAZINE see: MU7700000
1-ACETYL-2-PICOLINOYLHYDRAZINE see: MU7700000
N-ACETYLPIPERIDIN (German) see: TM3975000
1-ACETYLPIPERIDINE see: TM3975000
1-ACETYL-3-PIPERIDINOMETHYLUREA HYDROCHLORIDE see: YR7550000
trans-4-ACETYL-5-PIPERONYL-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520196
N-ACETYLPROCAINAMIDE see: AE1974350
ACETYLPROMAZIN see: OB2275000
3-ACETYL-PROMAZIN see: OB2275000
ACETYLPROMAZINE see: OB2275000
ACETYLPROMAZINE MALEATE (1:1) see: OB2450000
beta-ACETYLPROPIONIC ACID see: CH1575000
ACETYLPROPIONYL see: SA1850000
gamma-ACETYLPROPYL ACETATE see: SA9090000 2-PENTANONE, 5-HYDROXY-, ACETATE
5-ACETYLPROPYL ACETATE see: SA9090000 2-PENTANONE, 5-HYDROXY-, ACETATE
ACETYLPYRIDINE see: OB5310000
2-ACETYLPYRIDINE see: OB5310000
N-ACETYL-p-QUINONIMINE see: AC6960000
ACETYL RED G see: QJ6030000
ACETYL RED J see: QJ6030000
ACETYLRESORCINOL see: VH2750000
ACETYL ROSE 2GL see: QJ6030000
ACETYLROTTLERIN see: VL1959000
ACETYLSAL see: VO0700000
5-ACETYLSALICYL GENTISIC ACID see: LY3856000
ACETYLSALICYLIC ACID see: VO0700000
ACETYLSALICYLIC ACID ANHYDRIDE see: VO0710000
ACETYLSALICYLIC ANHYDRIDE see: VO0710000
ACETYLSALICYLSAURE (German) see: VO0700000
ACETYLSELENO-2 BENZOIC ACID see: DG0939000
2-(ACETYLSELENO)BENZOIC ACID see: DG0939000
O-ACETYLSTERIGMATOCYSTIN see: LV1735000
N-ACETYLSULFANILAMIDE see: AC8450000
N'-ACETYLSULFANILAMIDE see: AC8450000
N(sup 1)-ACETYLSULFANILAMIDE see: AC8450000
N-ACETYLSULFANILAMINE see: AC8450000
N-ACETYL-N-TETRADECANOYLOXY-2-AMINOFLUORENE see: AL0300000
6-ACETYL-1,1,4,4-TETRAMETHYL-7-ETHYL-1,2,3,4-TETRALIN see: AL3031000
trans-4-ACETYL-5-(2-THIENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520300
7-alpha-ACETYLTHIO-3-OXO-17-alpha-PREGN-4-ENE-21,17-beta-CARBOLACTONE see: TU4725000
7-alpha-ACETYLTHIO-3-OXO-17-beta-PREGN-4-ENE-21,17-beta-CARBOLACTONE see: TU4725000
ACETYLTHIOSALICYLIC ACID see: DH3350000
ACETYL THIOUREA see: YR7700000
1-ACETYL-2-THIOUREA see: YR7700000
p ACETYLTOLUENE see: AM9463000
N-ACETYL-m-TOLUIDINE see: AN2875000
ACETYL-o-TOLUIDINE see: AN2900000
trans-4-ACETYL-5-(p-TOLYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520350
N-ACETYL-gamma-(m-TRIFLUOROMETHYLANILINO)-BUTTERSAEURE (German) see: ET6720000
BUTYRIC ACID,4-(N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ACETAMIDO)-
trans-4-ACETYL-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520400
N-ACETYL-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)NORLEUCINE see: RC6308500 NORLEUCINE, N-ACETYL-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
N-ACETYL-N-(2,4,6-TRIIODO-3-AMINOPHENYL)-beta-AMINOISOBUTYRIC ACID see: UE6050000
N-ACETYL-N-(2,4,6-TRIIODO-3-AMINOPHENYL)-beta-AMINOISOBUTYRIC ACID METHYLGLUCAMINE SALT see: UE6100000
trans-4-ACETYL-5-(2,4,5-TRIMETHOXYPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520430
trans-4-ACETYL-5-(3,4,5-TRIMETHOXYPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE see: LU3520440
N-ACETYL TRIMETHYLCOLCHICINIC ACID see: GH0520000
N-ACETYL TRIMETHYLCOLCHICINIC ACID METHYLETHER see: GH0700000
ACETYL-L-TRP see: YN6160000
ACETYLTRYPTOPHAN see: YN6160000
ACETYL-L-TRYPTOPHAN see: YN6160000
N-ACETYLTRYPTOPHAN see: YN6160000
N-ACETYL-L-TRYPTOPHAN see: YN6160000
(S)-N-ACETYLTRYPTOPHAN see: YN6160000
ACETYLURETHANE see: EY8290000
N-ACETYLURETHANE see: EY8290000
ACETYLUREUM see: YU0875000
ACEXAMIC ACID see: MO5800000
(N-AC-D-p-F-PHE(sup 1)-D-p-Cl-PHE(sup 2)-D-TRP(sup 3,6)-D-ALA(sup 10))-LHRH see: OK6376200
AC GA see: TQ3325000
ACH see: FZ9700000
ACHANIA, flower extract see: QO5430000 MALVAVISCUS CONZATTI Greenm., flower extract
ACH CHLORIDE see: FZ9800000
ACHILLEIC ACID see: UD2380000
ACHLESS see: CB4375000
ACHLETIN see: DK8925000
AQ2770000 ACHRAS SAPOTA, leaf and stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg — CPBTAL 13 882,65
AQ2771000 ACHRAS SAPOTA L., seed extract
DEF:Plant is found in the Americas and the tropics (TOXIA6 22,145,84)
UPDT:8406
SYN: SAPODILLA SEED, extract
TOXICITY DATA AND REFERENCES:
3F12J22J30 ipr-rat LD50:50 mg/kg — TOXIA6 22,145,84
3F12J22J30 ipr-mus LD50:30 mg/kg — TOXIA6 22,145,84
ACHRO see: QI9100000
ACHROCID-M see: AM4375000
ACHROMYCIN see: AU7350000
ACHROMYCIN see: QI8750000
ACHROMYCIN see: QI9100000
ACHROMYCIN HYDROCHLORIDE see: QI9100000
ACHROMYCIN (PURINE derivative) see: AU7350000
ACHROMYCIN V see: QI9100000
ACHTL see: AC8680000
(AC-HYP(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-TRP(sup 6))-LHRH see: OK6376400
(AC-HYP(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6376400
AQ2998000 ACHYRANTHES ASPERA Linn., stem bark extract
DEF:Indian plant belonging to the family AMARANTHACEAE (IJMRAQ 63,378,75)
UPDT:8305
SYN: APANG STEM BARK EXTRACT * LATJIRA STEM BARK EXTRACT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-mus TDLo:300 mg/kg (1-6D preg) — IJMRAQ 63,378,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AQ3010000 ACHYRANTHES BIDENTATA Bl., extract
DEF:Indian plant belonging to the family AMARANTHACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:1000 mg/kg — IJEBA6 7,250,69
AQ3013000 ACHYRANTHES INDICA Mill., leaf and stem extract
DEF:Jamaican plant belonging to the family AMARANTHACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:20 gm/kg — JPPMAB 14,556,62
AQ3020000 ACHYROSPERMUM WALLICHIANUM Benth., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg — IJEBA6 12,512,74
ACI see: FE0200000
ACICLOVIR see: UO7504000
ACID see: KE4100000
ACIDAL BRIGHT PONCEAU 3R see: QJ6530000
ACIDAL BRILLIANT RED 2G see: QJ6030000
ACIDAL FAST ORANGE see: QJ6500000
ACIDAL GREEN G see: BQ4375000
ACIDAL LIGHT GREEN SF see: BQ4900000
ACIDAL PONCEAU G see: QJ6825000
ACIDAL WOOL GREEN BS see: BQ1150000
ACID AMARANTH see: QJ6550000
ACID AMARANTH I see: QJ6550000
ACID AMARANTH N see: QJ6550000
ACID AMIDE see: QS3675000
ACID AMMONIUM CARBONATE see: BO8600000
ACID AMMONIUM FLUORIDE see: BQ9200000
ACID ANTHRACENE YELLOW GR see: DV3910000
ACID BLUE 1 see: BP6830000
ACID BLUE 9 see: BQ4550000
ACID BLUE 92 see: QJ6300000
ACID BLUE A see: QJ6300000
ACID BLUE V see: BP6830000
ACID BLUE W see: DU3000000
ACID BRIGHT AZURE 2 see: BP6830000
ACID BRIGHT RED see: QJ6730000
ACID BRILLIANT RED see: QJ6030000
ACID BRILLANT SKY BLUE 2 see: BP6830000
ACID BRILLIANT BLUE VF see: BP6830000
ACID BRILLIANT BLUE 2 see: BP6830000
ACID BRILLIANT GREEN BS see: BQ1150000
ACID BRILLIANT GREEN SF see: BQ4900000
ACID BRILLIANT PINK B see: BP3675000
ACID BRILLIANT RUBINE A2G CONC. see: QK1925000
ACID BRILLIANT RUBINE 2G see: QK1925000
ACID BRILLIANT RUBINE 2GT see: QK1925000
ACID BRILLIANT SCARLET 3R see: QJ6530000
ACID BRILLIANT SKY BLUE 2 see: BP6830000
ACID BUTYL PHOSPHATE (DOT) see: TB8490000
ACID CHROME BLUE BA see: QK1925000
ACID CHROME BLUE BA-CF see: QK1925000
ACID CHROME BLUE FBS see: QK1925000
ACID CHROME BLUE 2R see: QK1925000
ACID COPPER ARSENITE see: CG3385000
ACIDE ACETIQUE (French) see: AF1225000
ACIDE ACETYLSALICYLIQUE (French) see: VO0700000
ACIDE ACETYL SELENO-2 BENZOIQUE (French) see: DG0939000
ACIDE ANISIQUE (French) see: VO4725000
ACIDE ARSENIEUX (French) see: CG3325000
ACIDE ARSENIQUE LIQUIDE (French) see: CG0700000
ACIDE L-AZETIDINE-2-CARBOXYLIC (French) see: CM4310500
ACIDE BENZOIQUE (French) see: DG0875000
ACIDE BROMACETIQUE (French) see: AF5950000
ACIDE BROMHYDRIQUE (French) see: MW3850000
ACIDE BROMO-5-METHOXY-2-CINNAMIQUE (French) see: GD8421500
ACIDE CACODYLIQUE (French) see: CH7525000
ACIDE CALVATIQUE (French) see: DG5644600
ACIDE CARBOLIQUE (French) see: SJ3325000
ACIDE CHLORACETIQUE (French) see: AF8575000
ACIDE CHLORHYDRIQUE (French) see: MW4025000
ACIDE CHLORO-6 CHROMONE CARBOXYLIQUE-2 (French) see: DJ2260650

BEST COPY AVAILABLE

ACIDE 2-(4-CHLORO-2-METHYL-PHENOXY)PROPIONIQUE (French) see: UE9750000
ACIDE (CHLORO-6 METHYL-4 PHENYL-4 (4H) BENZODIOXINE (1,3)) CARBOXYLIQUE-2 trans (French) see: DF3509390
ACIDE (CHLORO-6 METHYL-4 PHENYL-4 (4H) BENZODIOXINE-(1,3)) CARBOXYLIQUE-2 cis (French) see: DF3509420
ACIDE p-CHLOROPHENYL-2 METHYL-4-THIAZOLE-ACETIQUE-5 (French) see: XJ1888000
ACIDE p-CHLOROPHENYL-2 THIAZOLE-ACETIQUE-4 (French) see: XJ1800000
ACIDE CHROMIQUE (French) see: GB2450000
ACIDE CINNAMYLIDENE PHENYLACETIQUE (French) see: RZ2474300
ACIDE CYANHYDRIQUE (French) see: MW6825000
ACIDE 2,4-DICHLORO PHENOXYACETIQUE (French) see: AG6825000
ACIDE 2-(2,4-DICHLORO-PHENOXY) PROPIONIQUE (French) see: UF1050000
ACIDE DIMETHYLARSINIQUE (French) see: CH7525000
ACIDE DIMETHYL-ETHYL-ALLENOLIQUE ETHER METHYLIQUE (French) see: UF2005000
ACIDE DISELINO SALICYLIQUE (French) see: DG9600000
ACIDE 5-ETHYLE 5'-(4-METHYLPIPERIDINO) BARBITURIQUE (French) see: CQ6653D00
ACIDE ETHYLENEDIAMINETETRACETIQUE (French) see: AH4025000
ACIDE 5-ETHYLE 5'-PIPERIDINO BARBITURIQUE (French) see: CQ7024500
ACIDE 5-ETHYLE 5'-PYRROLIDINO BARBITURIQUE (French) see: CQ7062500
ACIDE 1-ETIL-7-METIL-1,8-NAFTIRIDIN-4-ONE-3-CARBOSSILICO (Italian) see: QN2885000
ACIDE FLUORHYDRIQUE (French) see: MW7875000
ACIDE FLUOROSILICIQUE (French) see: VV8225000
ACIDE FLUOSILICIQUE (French) see: VV8225000
ACIDE FORMIQUE (French) see: LQ4900000
ACIDE (ISOBUTYL-4 PHENYL)-2 PROPIONIQUE (French) see: MU8640000
ACIDE ISO-NICOTINIQUE (French) see: NS1103000
ACIDE ISOPHTALIQUE (French) see: NT2607000
ACIDE KAURENIQUE see: NZ8174000
ACIDE (METHALLYLAMINO-4 PHENYL)-2 PROPIONIQUE (French) see: UF5552000
ACIDE ortho-METHOXYCINNAMIQUE (French) see: GD9720000
ACIDE METHYL-o-BENZOIQUE (French) see: VO4725000
ACIDE METHYL-5-2-BENZOIQUE (French) see: DH4390000
ACIDE METHYL-Te-2-BENZOIQUE (French) see: DH4300000
ACIDE x-METHYLFOLIQUE (French) see: LP5650000
ACIDE (METHYL-4 PHENYL-4 (4H) BENZODIOXINE (1,3)) CARBOXYLIQUE-2 trans (French) see: DF3515500
ACIDE (METHYL-4 PHENYL-4 (4H) BENZODIOXINE (1,3)) CARBOXYLIQUE-2 cis (French) see: DF3516500
ACIDE METHYL SELENO-2-BENZOIQUE (French) see: DH4195000
ACIDE METHYL-4 THIAZOLE-ACETIQUE-5 (French) see: XJ1921500
ACIDE METIAZINIQUE (French) see: SN5100000
ACIDE MONOCHLORACETIQUE (French) see: AF8575000
ACIDE-MONOFLUORACETIQUE (French) see: AH5950000
ACIDE NALIDIXICO (Italian) see: QN2885000
ACIDE NALIDIXIQUE (French) see: QN2885000
ACIDE NICOTINIQUE (French) see: QT0525000
ACIDE NITRIQUE (French) see: QU5775000
ACIDE OXALIQUE (French) see: RO2450000
ACIDE PERACETIQUE (French) see: SD8750000
ACIDE alpha PHENYL-ortho-METHOXYCINNAMIQUE (French) see: AT2290000
ACIDE PHOSPHORIQUE (French) see: TB6300000
ACIDE PHTALIQUE (French) see: TM9625000
ACIDE PICOLIQUE (French) see: TJ7344000
ACIDE PICRIQUE (French) see: TJ7875000
ACIDE PROPIONIQUE (French) see: UE5950000
ACIDE SULFHYDRIQUE (French) see: MX1225000
ACIDE SULFURIQUE (French) see: WS5600000
ACIDE TEREPHTALIQUE (French) see: WZ0875000
ACIDE THIOGLYCOLIQUE (French) see: AI5950000
ACIDE TRICHLORACETIQUE (French) see: AJ7875000
ACIDE 2,4,5-TRICHLORO PHENOXYACETIQUE (French) see: AJ8400000
ACIDE 2-(2,4,5-TRICHLORO-PHENOXY) PROPIONIQUE (French) see: UF8225000
ACID FAST ORANGE EGG see: QJ6500000
ACID FAST ORANGE G see: QJ6500000
ACID FAST RED EGG see: QJ6030000
ACID FAST RED FB see: QK1925000
ACID FAST RED 3G see: QJ6030000
ACID FAST VIOLET 5BN see: BQ1140000
ACID FAST YELLOW AG see: DB5042500
ACID FAST YELLOW E5R see: DB5042500
ACID FAST YELLOW MR see: DV3910000
ACID GREEN see: BQ4375000
ACID GREEN 3 see: BQ4375000
ACID GREEN 5 see: BQ4900000
ACID GREEN 50 see: BQ1150000
ACID GREEN A see: BQ4900000
ACID GREEN B see: BQ4375000
ACID GREEN G see: BQ4375000
ACID GREEN 2G see: BQ4375000
ACID GREEN L see: BQ4375000
ACID GREEN S see: BQ4375000
ACIDIC METANIL YELLOW see: DB7329500
ACIDINE RED G see: QJ6030000
ACIDINE RED RD see: QJ6478000
ACID LEAD ARSENATE see: CG0980000
ACID LEAD ORTHOARSENATE see: CG0980000
ACID LEATHER BLUE IC see: DU3000000
ACID LEATHER BLUE R see: QJ6300000
ACID LEATHER BLUE V see: BP6830000
ACID LEATHER BROWN 2G see: ZE8575000
ACID LEATHER GREEN F see: BQ4375000
ACID LEATHER GREEN 3G see: BQ4375000
ACID LEATHER GREEN S see: BQ1150000
ACID LEATHER LIGHT BROWN G see: DB5042500
ACID LEATHER ORANGE EXTRA see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
ACID LEATHER ORANGE EXTRA G see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
ACID LEATHER ORANGE EXTRA PRW see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
ACID LEATHER ORANGE I see: DB7085000
ACID LEATHER ORANGE KG see: QJ6500000
ACID LEATHER ORANGE PGW see: QJ6500000
ACID LEATHER RED BG see: QJ6475500
ACID LEATHER RED 2BG see: QJ6478000
ACID LEATHER RED 12BW see: QJ6550000
ACID LEATHER RED KG see: QJ6030000
ACID LEATHER RED KPR see: QJ6825000
ACID LEATHER RED P2R see: QJ6825000
ACID LEATHER RUBINE S see: QJ6550000
ACID LEATHER SCARLET HRW see: QJ6825000
ACID LEATHER YELLOW CBS see: DV3910000
ACID LEATHER YELLOW PRW see: DB7329500
ACID LEATHER YELLOW R see: DB7329500
ACID LEATHER YELLOW T see: UQ6400000
ACID LIGHT ORANGE G see: QJ6500000
ACID LIGHT ORANGE J see: QJ6500000
ACID LIGHT ORANGE JA EXPORT see: QJ6500000
ACID LIGHT ORANGE SX see: QJ6500000
ACID METANIL YELLOW see: DB7329500
ACID NAFTOL RED G see: QJ6030000
ACIDO ACETICO (Italian) see: AF1225000
ACIDO 3-ACETILAMINO-2,4,6-TRIIODOBENZOICO (Italian) see: DG0887000
ACIDO O-ACETIL-BENZOICO (Italian) see: VO0700000
ACIDO ACETILSALICILICO (Italian) see: VO0700000
ACIDO 3-AMINO-2,4,6-TRIIODOBENZOICO (Italian) see: DG3349000
ACIDO BROMIDRICO (Italian) see: MW3650000
ACIDO CIANIDRICO (Italian) see: MW6825000
ACIDO CLORIDRICO (Italian) see: MW4025000
ACIDO 1-(p-CLOROBENZOIL)-5-METOSSI-2-METIL-3-INDOLILACETOIDROSSAMICO (Italian) see: NL3668500
ACIDO 2-(4-CLORO-2-METIL-FENOSSI)-PROPIONICO (Italian) see: UE9750000
ACIDO (2,4-DICLORO-FENOSSI)-ACETICO (Italian) see: AG6825000
ACIDO 2-(2,4-DICLORO-FENOSSI)-PROPIONICO (Italian) see: UF1050000
ACIDO (3,6-DICLORO-2-METOSSI)-BENZOICO (Italian) see: DG7525000
L'ACIDO alpha,alpha-DIETIL-1-NAFTILACETICO (Italian) see: QJ0930900
ACIDO DIFENILIDRACRILICO (Italian) see: AS8990000
ACIDO DIIDROFLUMETIAZIDICO (Italian) see: DK8181000
ACIDO DOISYNOLICO (Spanish) see: VS3150000
ACIDO 1,3,5(10)ESTRATRIENE-17-ON-3-OSSO-alpha-ISOBUTIRRICO (Italian) see: UF6080000
ACIDO 5-FENIL-5-ETILBARBITURICO (Italian) see: CQ6825000
ACIDO FLUFENAMICO (Italian) see: CB4375000
ACIDO FLUORIDRICO (Italian) see: MW7875000
ACIDO FLUOSILICICO (Italian) see: VV8225000
ACIDO FORMICO (Italian) see: LQ4900000
ACIDO FOSFORICO (Italian) see: TB6300000
ACIDOGEN NITRATE see: YT9675000
ACIDO m-IDROSSIBENZOICO (Italian) see: DH1924900
ACIDO alpha-(1-IDROSSI-4-FENILCICLOESIL)BUTTIRICO (Italian) see: GU6555300
ACIDO alpha-(1-IDROSSI-4-(4-IDROSSIFENIL)CICLOESIL)BUTTIRICO (Italian) see: GU5850000
ACIDO (4-(2K-IMIDAZOL-2-IL)FENIL)ACETICO (Italian) see: AI3120000
ACIDO INDOXAMICO (Italian) see: NL3668500
ACIDO IPPURICO (Italian) see: MR8150000
ACIDO 4-(ISONICOTINIL-IDRAZONE)PIMELICO (Italian) see: MI9800000
ACIDO 1-METIL-IMIDAZOLO-2-alpha-TIOISOBUTIRRICO (Italian) see: UF5993000
ACIDO 1-METIL-5-(p-TOLUIL)-PIRROL-2-ACETICO (Spanish) see: UX9287000
ACIDOMONOCLOROACETICO (Italian) see: AF8575000
ACIDO MONOFLUOROACETICO (Italian) see: AH5950000
ACIDOMYCIN ETHYL ESTER see: XJ6001100
ACIDO NITRICO (Italian) see: QU5775000
ACIDO OSSALICO (Italian) see: RO2450000
ACIDO PICRICO (Italian) see: TJ7875000
ACID ORANGE see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
ACID ORANGE A see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
ACID ORANGE 7 see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
ACID ORANGE 10 see: QJ6500000
ACID ORANGE 24 see: ZE8575000
ACID ORANGE G see: QJ6500000
ACID ORANGE 2G see: QJ6500000
ACID ORANGE GG see: QJ6500000
ACID ORANGE I see: DB7085000
ACID ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
ACID ORANGE NO. 3 see: DB5042500
ACIDO 4-(1-PIRRIL)FENILACETAMIDOACETICO (Italian) see: MC1089000
ACIDO 4-(1-PIRRIL)FENILACETICO (Italian) see: AJ3855000
ACIDO SALICILICO (Italian) see: VO0525000
ACIDO SALICILICO con METILGLUCAMINA (Italian) see: VO2330000
ACIDO SOLFORICO (Italian) see: WS5600000
ACIDO TRICLOROACETICO (Italian) see: AJ7875000
ACIDO 2,4,5-TRICLORO-FENOSSI-ACETICO (Italian) see: AJ8400000
ACIDO 2-(2,4,5-TRICLORO-FENOSSI)-PROPIONICO (Italian) see: UF8225000
ACID PHLOXINE GA see: QJ6030000
ACID PHOSPHINE CL see: DB7085000
ACID PONCEAU R see: QJ6825000
ACID PONCEAU 4R see: QJ6530000
ACID PONCEAU 2RL see: QJ6825000
ACID PONCEAU SPECIAL see: QJ6825000
ACID POTASSIUM SULFATE see: TS7200000
ACID QUININE HYDROCHLORIDE see: VA6478000
ACID RED 1 see: QJ6030000
ACID RED 14 see: QK1925000
ACID RED 18 see: QJ6530000
ACID RED 26 see: QJ6825000
ACID RED 37 see: QJ6550000
ACID RED 92 see: LM5700000
ACID RED 97 see: GC5787480
ACID RED 99 see: QJ6478000
ACID RED 114 see: QJ6475500
ACID RED 388 see: KH2737000
ACID RED 2C see: QK1925000
ACID RED 2G see: QJ6030000
ACID RED GA see: QJ6030000
ACID ROSE 2GL see: QJ6030000
ACID RUBINE see: QK1925000
ACID RUBINE EXTRA see: QK1925000
ACID SCARLET see: QJ6825000
ACID SCARLET 2B see: QJ6825000
ACID SCARLET 2BN see: QJ6825000
ACID SCARLET 2R see: QJ6825000
ACID SCARLET 3R see: QJ6530000
ACID SCARLET 4R see: QJ6530000
ACID SCARLET 2R FOR LAKES see: QJ6625100
ACID SCARLET 2R FOR LAKES BLUISH see: QJ6825000
ACID SCARLET 2RL see: QJ6825000

BEST COPY AVAILABLE

ACID SCARLET 2RN see: QJ6825000
ACID SCARLET 3RZ see: QJ6530000
ACID SKY BLUE A see: BQ4725000

AR2310000 ACID, SLUDGE (DOT)
UPDT.8308
SYN: SLUDGE ACID (DOT) * UN 1906 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

ACID-SPAR see: EW1760000
ACID, TANNIC see: WW5075000
ACIDUM ACETYLSALICYLICUM see: VO0700000
ACIDUM FENCLOZICUM see: XJ1800000
ACIDUM NICOTINICUM see: QT0525000
ACID VIOLET see: BQ1140000
ACID VIOLET 49 see: BQ1140000
ACID VIOLET 5B see: BQ1140000
ACID VIOLET 6B see: BQ1140000
ACID VIOLET 5BN see: BQ1140000
ACID VIOLET 48MS see: BQ1140000
ACID VIOLET 5 see: BQ1140000
ACID WOOL BLUE BL see: QJ6300000
ACID YELLOW 23 see: UQ6400000
ACID YELLOW 36 see: DB7329500
ACID YELLOW 42 see: DV3910000
ACID YELLOW E see: DB5042500
ACID YELLOW K see: DV3910000
ACID YELLOW T see: UQ6400000
ACID YELLOW TBA see: QK2450000
ACID ZINC PHOSPHATE see: TD0600900 PHOSPHORIC ACID, ZINC SALT
ACIFLOCTIN see: AU8400000
ACIGEMA see: SM0700000
ACILAN FAST NAVY BLUE R see: QJ6300000
ACILAN GREEN B see: BQ4375000
ACILAN GREEN BS see: BQ1150000
ACILAN GREEN SFG see: BQ4900000
ACILAN NAPHTHOL RED G see: QJ6030000
ACILAN NAPHTOL RED G see: QJ6030000
ACILAN ORANGE GX see: QJ6500000
ACILAN ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-[(2-HYDROXY-1-NAPHTHALENYL)AZO]-, MONOSODIUM SALT
ACILAN PONCEAU BRS see: QJ6825000
ACILAN RED SE see: QJ6550000
ACILAN SCARLET V3R see: QJ6530000
ACILAN TURQUOISE BLUE AE see: BQ4550000
ACILAN VIOLET 5GBN see: BQ1140000
ACILAN YELLOW GG see: UQ6425000
ACILUN see: XH8350000
ACILUN see: XH8425000
ACIMETHOM see: PD0456000
ACIMETTEM see: VO0700000
ACINETTEN see: AU8400000
ACINITRAZOL see: XJ1570000
ACINITRAZOLE see: XJ1570000
ACINTENE A see: DT7000000
ACINTENE DP see: OS8100000
ACINTENE DP DIPENTENE see: OS8100000
ACINTENE O see: BZ8925000
ACISAL see: VO0700000
AC 220J see: TI3325000
ACKET see: VN6475000
ACL-59 see: XZ1845000
ACL-59 see: XZ1900010
ACL 60 see: XZ1900000
ACL 70 see: XZ1845000
ACL 85 see: XZ1925000
ACLACINOMYCIN A see: QH9279300
ACLACINOMYCIN A see: QH9284080
ACLACINON see: QH9279300
ACLARUBEIN see: QH9279300
ACLARUBICIN see: QH9284080
ACLATONIUM NAPADISILATE see: KM2570000
ACM see: NL3521400
ACM see: QH9279300
(N-AC-DL-5-AM-TRP(sup 1)-D-p-Cl-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6)-B-ALA(sup 10))-LHRH see: OK6376600
ACN see: QL7350000
ACNA BLACK DF BASE see: ST3150000
(AC-D-NAL(2)(sup 1)-4-F-D-PHE(sup 2)-D-TRP(sup 3)-D-ARG(sup 6))-GnRH see: OK6376700
(AC-D-NAL(2)(sup 1)-4-F-D-PHE(sup 2)-D-TRP(sup 3)-D-ARG(sup 6))-LHRH see: OK6376700
ACNESTROL see: WJ5600000
ACNO see: QL7350000
ACNOU see: YR8450000
ACOCANTHERIN see: RN3675000
ACODAZOLE HYDROCHLORIDE see: AC6148300
ACODEEN see: ET5960000
ACOIN see: MF2000000
ACOINE see: MF2000000
ACOLONGIFLOROSIDE K see: FH4919000
ACOLONGIFLUOROSIDE K see: FH4919000
ACOM see: VM6750000
ACOMCEN see: TU3775000
ACONITANE see: AR5960000
ACONITIC ACID see: UD2380000
ACONITIN CRISTALLISAT (German) see: AR5960000

AR5960000 ACONITINE (Crystalline)
UPDT.8405 CAS: 302-27-2 MW: 645.82 MOLFM: C34-H47-N-O11
SYN: ACONITANE * ACONITIN CRISTALLISAT (German)
TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:125 ug/kg	PSEBAA 26,221,28
	ivn-rat LD50:80 ug/kg	ARZNAD 5,324,55
*	orl-mus LD50:1 mg/kg	85GDA2 8(1),159,82
*	ipr-mus LD50:270 ug/kg	CYLPDN 2,170,81
	ivn-mus LD50:166 ug/kg	85GDA2 8(1),159,82
	ivn-dog LDLo:350 ug/kg	HBAMAK 4,1291,35
	scu-cat LDLo:400 ug/kg	HBAMAK 4,1291,35
	ivn-cat LD50:70 ug/kg	ARZNAD 5,324,55
	scu-rbt LDLo:131 ug/kg	HBAMAK 4,1291,35
	scu-gpg LDLo:50 ug/kg	JPHAA3 12,957,23
	ivn-gpg LD50:60 ug/kg	ARZNAD 5,324,55
	scu-pgn LDLo:66 ug/kg	HBAMAK 4,1291,35
	scu-frg LDLo:586 ug/kg	HBAMAK 4,1291,35

AR6005200 ACONITUM LYCOTONUM, root extract
DEF:Indian plant belonging to the family RANUNCULACEAE (UEBA6 16,228,78)
UPDT.8411
TOXICITY DATA AND REFERENCES:

IMI0	ipr-rat LD50:500 mg/kg	UEBA6 16,228,78

A. CONTORTRIX MOKASEN VENOM see: YX4256000
ACORTAN see: GM7900000
ACORTO see: GM7900000

AR6007500 ACORUS CALAMUS Linn., oil extract
DEF:Oil extracted from the Indian plant belonging to the family ARACEAE and having eremurene content of nearly 88% (ANTCAO 7,378,57)
UPDT.8411
SYN: ACORUS CALAMUS OIL * ESSENTIAL OIL of ACORUS CALAMUS Linn. * OIL of ACORUS CALAMUS Linn.
TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:299 mg/kg	AFQSAZ 19,252,79
*	ipr-mus LD50:177 mg/kg	JPPMAB 11,163,59
3F12F22J26	ipr-gpg LD50:297 mg/kg	ANTCAO 7,378,57

ACORUS CALAMUS OIL see: AR6007500
ACO SER CNU see: VT9607000
ACOVENOSIDE B see: XZ1912000
ACOVENOSIGENIN see: FH5333000
ACOVENOSIGENIN A see: FH5335000
ACP 6 see: TQ3325000
ACP 322 see: TK7350000
ACP 322 see: TH7351000
ACP GRASS KILLER see: AJ9100000
(N-AC-D-PHE(sup 1)-D-p-Cl-PHE(sup 2)-D-TRP(sup 3,6)-D-ALA(sup 10))-LHRH see: OK6376800
(AC-D-PHE(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LHRH see: OK6377000
(AC-D-PHE(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6377000
ACP-M-720 see: DG1925000
AC 8 (POLYMER) see: TQ3325000
(AC-delta(sup 3)-PRO(sup 1)-p-Cl-D-PHE(sup 2)-D-T2P(sup 3,6)-N(sup alpha)-MeLEU(sup 7))-GnRH see: OK6380000
(AC-delta(sup 3)-PRO(sup 1)-4-Cl-D-PHE(sup 2)-D-TRP(sup 3,6))-GnRH see: OK6377200
(AC-delta(sup 3)-PRO(sup 1)-p-F-D-PHE(sup 2)-D-TRP(sup 3,6))-GnRH see: OK6390000
(AC-delta(sup 3)-PRO(sup 1)-4-Cl-D-PHE(sup 2)-D-TRP(sup 3,6))-GONADOTROPIN RELEASING HORMONE see: OK6377200
(AC-delta(sup 3)-PRO(sup 1)-p-F-D-PHE(sup 2)-D-TRP(sup 3,6))-GONADOTROPIN RELEASING HORMONE see: OK6390000
(AC-delta(sup 3)-PRO(sup 1)-4-Cl-D-PHE(sup 2)-D-TRP(sup 3,6))-LHRH see: OK6377200
(AC-D-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LHRH see: OK6391000
(AC-D-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6391000
(AC-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-TRP(sup 6))-LHRH see: OK6391080
(AC-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6391000
ACRAMIN see: PB4300000
AC-R-11 see: HP5075000
ACRALDEHYDE see: AS1050000
ACRAMINE YELLOW see: AR7350000
ACRANIL see: UA9120000
ACRANIL DIHYDROCHLORIDE see: UA9120000
ACRANIL HYDROCHLORIDE see: UA9120000
ACREX see: FF9100000
ACRIDIC, combustion products see: AT6975000
ACRICHINE see: AR7700000
ACRICHINE see: AR7875000
ACRICID see: GQ5600000

AR6972000 ACRIDAN, 2-CHLORO-9-(3-(DIMETHYLAMINO)PROPYL)-
UPDT.8403 CAS: 5318-55-4 MW: 300.88 MOLFM: C18-H21-Cl-N2
SYN: 9-ACRIDINEPROPANAMINE, 9',9'-DIHYDRO-2'-CHLORO-N,N-DIMETHYL- (9CI) * 2-CHLORO-9,10-DIHYDRO-N,N-DIMETHYL-9,4'-[1H]PROPANAMINE * CLOMACRAN * SKF 14336 * SKF 14336-B
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:379 mg/kg	TXAPA9 18,185,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR6972100 ACRIDAN, 2-CHLORO-9-(3-(DIMETHYLAMINO)PROPYL)-, PHOSPHATE (1:1)
UPDT.8403 CAS: 22199-66-8 MW: 398.80 MOLFM: C18-H21-Cl-N2-HO-O4-P
SYN: 9-ACRIDINEPROPANAMINE, 2-CHLORO-9',10-DIHYDRO-N,N-DIMETHYL-, PHOSPHATE (1:1) (9CI) * 2-CHLORO-9-(3-(DIMETHYLAMINO)PROPYL)ACRIDAN PHOSPHATE * CLOMACRAN PHOSPHATE * DEVRYL * OLAXIN * SKF 14336
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:350 mg/kg	ARZNAD 27,866,77
*	orl-mus LD50:222 mg/kg	ARZNAD 27,866,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACRIDAN, 10-(3-(DIMETHYLAMINO)PROPYL)-9,9-DIMETHYL-, TARTRATE (1:1) (9CI) see: AR9275000

AR6973200 ACRIDAN, 9,9-DIMETHYL-10-(3-(DIMETHYLAMINO)PROPYL)-
UPDT.8406 CAS: 6757-55-5 MW: 296.48 MOLFM: C20-H28-N2
SYN: DIMETACRINE * DIMETHACIN * DIMETHACINE * 9,9-DIMETHYL-10-(3-(DIMETHYLAMINO)PROPYL)ACRIDAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	ipr-rat TDLo:91 mg/kg (91D male)	OYYAA2 8,949,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1850 mg/kg	IYKEDH 6,530,75
*	ipr-rat LD50:181 mg/kg	IYKEDH 6,530,75
*	scu-rat LD50:.076 mg/kg	IYKEDH 6,530,75
*	orl-mus LD50:1293 mg/kg	IYKEDH 6,530,75
*	ipr-mus LD50:206 mg/kg	IYKEDH 6,530,75
*	scu-mus LD50:676 mg/kg	IYKEDH 6,530,75
*	ivn-mus LD50:3*600 ug/kg	IYKEDH 6,530,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
3-ACRIDINAMINE (9CI) see: AR7250000
9-ACRIDINAMINE (9CI) see: AR7300000
9-ACRIDINAMINE, MONOHYDROCHLORIDE (9CI) see: AR7350000

AR7175000 ACRIDINE
UPDT.8312 CAS: 260-94-6 MW: 179.23 MOLFM: C13-H9-N
SYN: ACRIDINE (DOT) * 9-AZAANTHRACENE * 10-AZAANTHRACENE * BENZO(b)QUINOLINE * 2,3-BENZOQUINOLINE * DIBENZO(b,e)PYRIDINE * UN 2713 (DOT)
MUTATION DATA AND REFERENCES:

	mma-sat 230 nmol/L	ENMUDM 3,11,81
	dnd-man-lym 100 umol/L	JMOBAK 3,18,61
	dnd-ckn-lou 100 umol/L	JMOBAK 3,18,61

TOXICITY DATA AND REFERENCES:

	scu-mus LD50:400 mg/kg	BJEPA5 28,1,47

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

ivn-rbt LD50:100 mg/kg BJEPA5 28,1,47

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AR7195000 ACRIDINE, 9-ALLYLIDENEAMINO-
UPDT:8408 MW: 233.31 MOLFM: C16-H13-N2
SYN: 9-ALLYLIDENEAMINOACRIDINE

MUTATION DATA AND REFERENCES:
mma-sat 50 uL/well MUREAV 116,289,83

AR7250000 ACRIDINE, 3-AMINO-
UPDT:8403 CAS: 581-29-3 MW: 194.25 MOLFM: C13-H10-N2
SYN: 3-ACRIDINAMINE (9CI) * 2-AMINOACRIDINE (European) * 3-AMINOACRIDINE

MUTATION DATA AND REFERENCES:
mma-sat 50 uL/well MUREAV 116,289,83
mma-omi 80 mg/L JMOBAK 3,762,61

TOXICITY DATA AND REFERENCES:
scu-mus LD50:170 mg/kg BJEPA5 28,1,47

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AR7300000 ACRIDINE, 9-AMINO-
UPDT:8408 CAS: 90-45-9 MW: 194.25 MOLFM: C13-H10-N2
SYN: 9AA * 9-ACRIDINAMINE (9CI) * AMINACRIN * AMINACRINE * 3-AMINOACRIDINE * 9-AMINOACRIDINE * UZACRIDINA * MONACRIN

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate MUREAV 31,347 75
mma-sat 150 ug/plate PNASA6 72,5135,75
mma-esc 300 mg/L MUREAV 130,97,84
dnr-esc 8 ug/well ENMUDM 3,429,81
mma-omi 10 mg/L MUREAV 74,113,80
mma-omi 4 mg/L JMOBAK 3,762,61
oms-omi 24 umol/L MGGEAE 138,333,75
dnd-omi 24 umol/L MGGEAE 138,333,75
slt-dmg-unk 5000 ppm/6M MUREAV 120,233,83
sln-dmg-orl 200 ppm MUREAV 5,147,68
mma-smc 2 mg/L MUREAV 1,227,64
dnr-smc 100 nmol/L CNJGA8 24,771,82
mma-asn 10 mg/L MUREAV 97,293,82
cyt-afr:ath 1 mg/L/24H ENMUDM 4,181,82
dni-hmn:hla 13 umol/L MUREAV 92,427,82
msc-mus:lym 2 umol/L MUREAV 110,147,83
dns-ham:lvr 1 umol/L ENMUDM 6,1,84
sce-ham:ovr 1 umol/L MUREAV 118,103,83
sce-ham:lng 1 umol/L MUREAV 118,103,83
dnd-mam:lym 10 mmol/L CBINA8 44,53,83

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:70 mg/kg JPETAB 80,217,44
scu-mus LD50:80 mg/kg BJEPA5 28,1,47

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AR7307100 ACRIDINE, 9-(o-ANINOANILINO)-
UPDT:8312 CAS: 75776-03-3 MW: 283.37 MOLFM: C19-H15-N3
SYN: 9-(o-AMINOANILINO)ACRIDINE

MUTATION DATA AND REFERENCES:
dnd-mam:lym 13 umol/L JMCMAR 24,170,81

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD10:85 mg/kg JMCMAR 24,170,81

AR7350000 ACRIDINE, 9-AMINO-, HYDROCHLORIDE
UPDT:8412 CAS: 134-50-6 MW: 230.71 MOLFM: C13-H10-N2 Cl-H
SYN: ACRAMINE YELLOW * 9-ACRIDINAMINE, MONOHYDROCHLORIDE (9CI) * AMINACRINE HYDROCHLORIDE * AMINOACRIDINE HYDROCHLORIDE * 3-AMINOACRIDINE HYDROCHLORIDE * 9-AMINOACRIDINE HYDROCHLORIDE * 3-AMINOACRIDINE MONOHYDROCHLORIDE * MONACRIN * MONACRIN HYDROCHLORIDE * NSC-7521

MUTATION DATA AND REFERENCES:
dnr-esc 20 uL/disc MUREAV 97,1,82
dnr-bcs 20 uL/disc MUREAV 97,1,82
cyt-ham:lng 600 ug/L GMCRDC 27,95,81
dnd-mam:lym 10 ppb BIPMAA 11,2537,72

TOXICITY DATA AND REFERENCES:
orl-mus LD50:78 mg/kg 29ZVAB -,7,69
ipr-mus LD50:70 mg/kg JAPMA8 38,498,49
scu-mus LD50:95 mg/kg JAPMA8 38,498,49

STATUS:
NTP CARCINOGENESIS STUDIES; ON LIST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AR7525000 ACRIDINE, 9-(2-(BIS(2-CHLOROETHYL)AMINO)ETHYLAMINO)-6-CHLORO-2-METHOXY-, DIHYDROCHLORIDE HYDRATE
UPDT:8401 CAS: 10072-25-0 MW: 517.74 MOLFM: C20-H22-Cl3-N3-O 2Cl-H H2-O
SYN: 9-(2-(BIS(2-CHLOROETHYL)AMINO)ETHYLAMINO)-6-CHLORO-2-METHOXY-ACRIDINE * ICR-486 * NSC-3-372 * QUINACRINE ETHYL MUSTARD

TUMORIGENIC DATA AND REFERENCES:
2V01J60 ipr-mus TDLo:16 mg/kg/4W JNCIAM 36,915,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR7570000 ACRIDINE, 9-(4-(BIS(2-CHLOROETHYL)AMINO)-1-METHYLBUTYLAMINO)-6-CHLORO-2-METHOXY-
UPDT:8303 CAS: 64046-79-3 MW: 468.89 MOLFM: C23-H28-Cl3-N3-O
SYN: 9-(4-(BIS-beta-CHLOROETHYLAMINO)-1-METHYLBUTYLAMINO)-6-CHLORO-2-METHOXYACRIDINE * NSC-3426 * QUINACRINE MUSTARD

MUTATION DATA AND REFERENCES:
mma-esc 10 ug/plate MUREAV 25,187,74
dnd-hmn:leu 230 mg/L NATUAS 226,80,70
cyt-hmn:lym 1 ug/L/72H ARTODN 46,37,80
sce-hmn:lym 200 ug/L MUREAV 68,295,79
mnt-mus-ipr 50 umol/kg MUREAV 26,553,74
otr-mus:fbr 100 ug/L CRNGDP 3,1235,82
sce-ham:ovr 1 umol/L NATUAS 258,121,75

TOXICITY DATA AND REFERENCES:
ipr-rat LD10:970 ug/kg CNCRA6 17,1,62
ivn-dog LDLo:910 ug/kg CCSUBJ 2,202,65
ivn-mky LDLo:910 ug/kg CCSUBJ 2,202,65

AR7580000 ACRIDINE, 9-(4-BIS(2-CHLOROETHYL)AMINO-1-METHYLBUTYLAMINO)-6-CHLORO-2-METHOXY-, DIHYDROCHLORIDE
UPDT:8401 CAS: 4213-45-0 MW: 541.81 MOLFM: C23-H28-Cl3-N3-O 2Cl-H
SYN: 9-(4-(BIS(-CHLOROETHYL)AMINO-1-METHYLBUTYLAMINO)-6-CHLORO-2-METHOXYACRIDINE DIHYDROCHLORIDE * ICR-10 * 2-METHOXY-6-CHLORO-9-(4-BIS(2-CHLOROETHYL)AMINO-1-METHYLBUTYLAMINO)ACRIDINE DIHYDROCHLORIDE * 2-METHOXY-6-CHLORO-9-(3-(ETHYL-2-CHLOROETHYL)AMINOPROPYLAMINO)ACRIDINE DIHYDROCHLORIDE * QUINACRINE MUSTARD * QUINACRINE MUSTARD DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate PNASA6 72,5135,75
dnr-esc 20 uL/disc MUREAV 97,1,82
dnr-bcs 20 uL/disc MUREAV 97,1,82
slt-dmg-par 2 mmol/L MUREAV 1,437,64
sln-dmg-par 2 mmol/L MUREAV 1,437,64
sce-ham:ovr 468 ug/L/2H-C ENMUDM 4,647,82
cyt-mam:lng 50 mg/L HEREAY 69,217,71

TUMORIGENIC DATA AND REFERENCES:
2V02J60 ivn-mus TDLo:2700 ug/kg CNREA8 36,2423,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR7600000 ACRIDINE, 3,6-BIS(DIMETHYLAMINO)-
UPDT:8411 CAS: 494-38-2 MW: 265.39 MOLFM: C17-H19-N3
SYN: ACRIDINEDIAMINE, N,N,N(sup 1),N(sup 1)-TETRAMETHYL- (9CI) * ACRIDINE ORANGE * ACRIDINE ORANGE BASE * ACRIDINE ORANGE FREE BASE * ACRIDINE ORANGE NO * ACRIDINORANGE * BASIC ORANGE 3m * 2,8-BISDIMETHYLAMINOACRIDINE * 3,6-BIS(DIMETHYLAMINO)ACRIDINE * BRILLIANT ACRIDINE ORANGE E * C.I. BASIC ORANGE 14 * C.I. 46005 * C.I. 46005:1 * C.I. SOLVENT ORANGE 15 * 3,6-DIHDIMETHYLAMINO)ACRIDINE * EUCHRYSINE * RHODULINE ORANGE * RHODULINE ORANGE N * RHODULINE ORANGE NO * SOLVENT ORANGE 15 * N,N,N',N'-TETRAMETHYL-3,6-ACRIDINEDIAMINE * WAXOLINE ORANGE A

MUTATION DATA AND REFERENCES:
mma-sat 100 umol/L AMACCQ 9,77,76
mma-tgt 20 ug/plate BICMBE 60,1011,78
mma-sbr 5 ug/plate JJIND8 62,893,79
dnr-sat 5000 ppm AGACBH 4,286,74
mma-esc 2 umol/L MUREAV 51,279,78
dnr-esc 20 mg/L JJIND8 62,873,79
dnd-esc 5 umol/L MUREAV 89,95,81
pic-esc 25 mg/L CNREA8 41,532,81
mma-omi 10 ug/L MIBLAO 49,223,80
mma-omi 2 mg/L MUREAV 35,65,76
mma-omi 16 mg/L JMOBAK 3,762,61
mma-omi 400 mg/L JDREAF 55,266,76
mma-omi 40 umol/L GENTAE 90,1,78
dnd-omi 10 umol/L BBACAQ 652,55,81
dni-omi 10 mg/L MGGEAE 150,301,77
dni-omi 1 mg/L NNBYA7 232,143,71
sln-dmg-orl 1000 ppm AMNTA4 87,295,53
mrc-smc 50 ppm JJIND8 62,901,79
slt-slw-par 500 ug MUREAV 20,67,73
spm-slw-par 500 ug IDZAAW 47,331,72
dnd-sal:spr 10 umol/L ANYAA9 153,744,68
dnd-hmn:fbr 100 mg/L TXCYAC 21,151,81
dni-hmn:hla 10 umol/L MUREAV 93,447,82
cyt-hmn:hla 10 umol/L TXCYAC 9,21,78
sce-hmn:lym 500 ug/L MUREAV 68,295,79
dns-rat:lvr 1 mmol/L ENMUDM 3,11,81
dnd-mus:ast 20 umol/L BBACAQ 374,96,74
dni-mus-ipr 200 mg/kg MUREAV 46,305,77
msc-mus:lym 2500 ug/L MUREAV 125,291,84
otr-ham:emb 1 ug/L MCIMAV 58,243,81
cyt-ham:lng 1 mg/L JNCIAM 59,289,77
cyt-ham:ovr 20 umol/L/5H-C ENMUDM 1,27,79
sce-ham:lng 1 mg/L JNCIAM 59,289,77
msc-ham:ovr 1 mg/L MUREAV 94,449,82
dns-dom:kdy 1 umol/L CBINA8 43,243,74
dnd-mam:lym 10 ppb BIPMAA 11,2537,72
dns-mam:lym 1 umol/L CBINA8 8,113,74

TUMORIGENIC DATA AND REFERENCES:
2V03L60 skn-mus TDLo:6630 mg/kg BJCAAI 23,587,69
3V03P62V10 scu-mus TDLo:657 mg/kg/63W-I BJCAAI 23,587,69

TOXICITY DATA AND REFERENCES:
scu-mus LD50:250 mg/kg BJEPA5 28,1,47

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARCCH 16,145,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR7623700 ACRIDINE-9-CARBOXAMIDE, N-(4-METHYL-1-PIPERAZINYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 393.33 MOLFM: C19-H20-N4-O 2Cl-H
SYN: N-(4-METHYL-1-PIPERAZINYL)-ACRIDINE 9-CARBOXAMIDE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:450 mg/kg JAPMA8 46,279,57

AR7678000 ACRIDINE, 6-CHLORO-9-(3-((2-CHLOROETHYL)AMINO)PROPYL)AMINO-2-METHOXY-, DIHYDROCHLORIDE
UPDT:8412 CAS: 17070-45-0 MW: 451.25 MOLFM: C19-H21-Cl2-N3-O 2Cl-H
SYN: ICR-191 * ICR-191A * ICR DIHYDROCHLORIDE * 2-METHOXY-6-CHLORO-9-(3-(2-CHLOROETHYL)AMINOPROPYLAMINO) ACRIDINE, DIHYDROCHLORIDE * 1,3-PROPANEDIAMINE, N-(2-CHLOROETHYL)-N'-(6-CHLORO-2-METHOXY-9-ACRIDINYL)-, DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:
mma-sat 500 ng/plate MUREAV 136,185,84
mma-sat 500 ng/plate PNASA6 72,5135,75
mma-esc 93 umol/L MGGEAE 195,418,84
pic-esc 300 ng/plate CNREA8 43,2819,83
mma-bcs 10 mg/L MUREAV 38,271,76
dnd-bcs 1 mmol/L MUREAV 42,175,77
mma-orm 1 gm/L ATXKA8 28,93,71
mma-hmi 90900 ug/L MUREAV 80,239,81
dni-hmi 250 umol/L MUREAV 80,249,81
mma-omi 25 mg/L GENRA8 13,57,69
mrc-smc 10 uL/L AGACBH 3,99,73
dns-hmn:fbr 1 umol/L/5H IJCNAW 16,284,75
msc-hmn:lym 4 mg/L/24H IMNGBA 4,437,77
msc-hmn:fbr 300 nmol/L MUREAV 125,95,84
dns-rat:lvr 10 umol/L ENMUDM 3,11,81
mma-mus:lmr 250 mg/L MUREAV 81,215,81
mma-mus:lym 2 umol/L MUREAV 95,297,82
dns-mus:tes 500 nmol/L/5H ARTODN 37,195,77
msc-mus:lvr 500 ug/L SCGTDW 7,373,81
msc-mus:leu 2200 nmol/L CNREA8 41,956,82
msc-mus:lym 2200 nmol/L CNREA8 42,956,82
hma-mus/smc 500 umol/L/kg AGACBH 3,99,73
msc-ham:ovr 500 ug/L MUREAV 139,95,84
msc-ham:lng 1 umol/L CNREA8 42,817,82
cyt-frg:emb 1 umol/L JCLLAX 94,187,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AR7680000 ACRIDINE, 6-CHLORO-9-(3-(N-(2-CHLOROETHYL)-N-ETHYLAMINO)PROPYLAMINO)-2-METHOXY-, DIHYDROCHLORIDE
UPDT:8411 CAS: 146-59-8 MW: 479.31 MOLFM: C21-H25-Cl2-N3-O 2Cl-H

BEST COPY AVAILABLE

SYN: ACRIDINE MUSTARD * 6-CHLORO-9-(3-(ETHYL-2-CHLOROETHYL)AMINOPROPYLAMINO)-2-METHOXYACRIDINE DIHYDROCHLORIDE * 9-(3-(ETHYL(2-CHLOROETHYL)AMINO)PROPYLAMINO)-6-CHLORO-2-METHOXYACRIDINE DIHYDROCHLORIDE * ICR 170 * 2-METHOXY-6-CHLORO-9-(3-(ETHYL-2-CHLOROETHYL)AMINOPROPYLAMINO)ACRIDINE DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:

mmo-sat	500 ng/plate	MUREAV 136,185.84
mma-sat	10 ug/plate	PNASA6 72,5135.75
mma-esc	5 mg/L	JMOBAK 46,1.69
pic-esc	60 ng/plate	CNREA8 43,2819.83
dni-hrc	1600 mg/L	EVSRBT 24,19.81
mma-omi	25 mg/L	GENRA8 13,57.69
mma-omi	10 mg/L	GENRA8 29,65.77
mma-omi	3700 nmol/L	GENTAE 90,1.78
dnd-dmg-par	2100 umol/L	CNREA8 30,195.70
sln-dmg-par	2400 umol/L	MUREAV 25,337.74
sln-dmg-unk	200 mg/L	EXPEAM 23,266.67
mma-nsc	12 ug/plate	MUREAV 53,297.78
mma-smc	5 mg/L	MUREAV 10,11.70
mrc-smc	500 umol/L	SOGEBZ 17,915.81
mma-asn	270 mg/L	MUREAV 8,255.69
mma-sup	1 mg/L	MUREAV 9,199.70
dnr-hmn-fbr	1 umol/L/1H-C	36YFAG 483.77
dns-hmn-fbr	1 umol/L/1H	33AQAA 103.76
dni-hmn-hla	50 nmol/L/30M-C	JEPTDQ 2(1),65.78
msc-hmn-fbr	800 ug/L	PNASA6 75,3337.78
dns-rat-lvr	10 umol/L	ENMUDM 3,11.81
msc-ham-ovr	1 umol/L	CNREA8 38,506.78
dns-mam-lym	1 umol/L	CBINA8 8,113.74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T26	ipr-mus TDLo:4 mg/kg (1D pre)	MUREAV 13,171.71

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ivn-mus TDLo:4800 ug/kg/28D-I	CNREA8 36,2423.76

TOXICITY DATA AND REFERENCES:

	ipr-mus LDLo:6 mg/kg	MUREAV 5,417.68
	ivn-mus LDLo:3 mg/kg	CNREA8 36,2423.76

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR7690000 ACRIDINE, 6-CHLORO-9-(3-((2-CHLOROETHYL)THIO)PROPYLAMINO)-2-METHOXY-, HYDROCHLORIDE

UPDT:8401 CAS: 83-09-6 MW: 431.83 MOLFM: C19-H20-Cl2-N2-O-S, Cl-H

SYN: 6-CHLORO-9-(3-(2-CHLOROETHYL)MERCAPTOPROPYLAMINO)-2-METHOXYACRIDINE HYDROCHLORIDE * ICR 342 * 2-METHOXY-6-CHLORO-9-(3-(2-CHLOROETHYL)MERCAPTOPROPYLAMINO)ACRIDINE HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ivn-mus TDLo:6500 ug/kg	CNREA8 36,2423.76

TOXICITY DATA AND REFERENCES:

	ivn-mus LDLo:12 mg/kg	CNREA8 36,2423.76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR7700000 ACRIDINE, 6-CHLORO-9-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-2-METHOXY-

UPDT:8406 CAS: 83-89-6 MW: 400.01 MOLFM: C23-H30-Cl-N3-O

SYN: ACRICHINE * ACRIMARINE * ACRIQUINE * ARICH * ANTIMALARINA * ATABRINE * ATEBRIN * ATEBRINE * 6-CHLORO-9-(4-(DIETHYLAMINO)-1-METHYLBUTYLAMINO)-2-METHOXYACRIDINE * 3-CHLORO-7-METHOXY-9-(1-METHYL-4-DIETHYLAMINOBUTYLAMINO)ACRIDINE * ERION * MAFFENIDE * MEPACRINE * 2-METHOXY-6-CHLORO-9-DIETHYLAMINOPENTYLAMINOACRIDINE * QUINACRINE * QUINACRINE

MUTATION DATA AND REFERENCES:

mma-sat	200 mg/L	JOBAAY 122,549.75
mma-sat	500 ug/plate	TXAPA9 52,237.80
mma-omi	50 mg/L	GENTAE 90,1.78
dnd-rml	1 mol	BBACAQ 561,77.79
dni-hmn-lym	40 umol/L	STBIBN 50,97.75
mnt-mus-ipr	280 umol/kg	MUREAV 26,553.74
otr-mus-emb	10 umol/L	MOPMA3 21,739.82
dni-mus-emb	1 umol/L	MOPMA3 21,739.82
oms-mus-emb	1 umol/L	MOPMA3 21,739.82
cyt-mus-fbr	15 mg/L	CNREA8 29,918.69
dnd-mam-lym	492 umol/L	BBACAQ 561,77.79
dns-mam-lym	1 umol/L	CBINA8 8,113.74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	iut-wmn TDLo:13600 ug/kg (1D pre)	CCPTAY 7,333.73

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:1320 mg/kg	FAZMAE 17,108.73
	scu-mus LD50:239 mg/kg	JPETAB 119,444.57
	orl-ckn LD50:714 mg/kg	AEPPAE 201,402.43

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 32XPAD 49,75; ARVPAX 5,447.65

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR7875000 ACRIDINE, 6-CHLORO-9-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-2-METHOXY-, DIHYDROCHLORIDE

UPDT:8411 CAS: 69-05-6 MW: 472.93 MOLFM: C23-H30-Cl-N3-O, 2Cl-H

SYN: ACRICHINE * ACRIQUINE * ARICHIN * ATABRINE * ATABRINE DIHYDROCHLORIDE * ATABRINE HYDROCHLORIDE * ATEBRIN * ATEBRINE * ATEBRIN HYDROCHLORIDE * CHEMOCHIN * CHINACRIN * CHINACRIN HYDROCHLORIDE * 2-CHLORO-5-(omega-DIETHYLAMINO, alpha-METHYLBUTYLAMINO)-7-METHOXYACRIDINE DIHYDROCHLORIDE * 3-CHLORO-9-(4-DIETHYLAMINO-1-METHYLBUTYLAMINO)-7-METHOXYACRIDINE DIHYDROCHLORIDE * 6-CHLORO-9-(4-DIETHYLAMINO-1-METHYLBUTYLAMINO)-2-METHOXYACRIDINE DIHYDROCHLORIDE * 3-CHLORO-7-METHOXY-9-(1-METHYL-4-DIETHYLAMINOBUTYLAMINO)ACRIDINE DIHYDROCHLORIDE * CRINODORA * DAC * ERION * ITALCHIN * MALARICIDA * QUYL * MEPACRINE DIHYDROCHLORIDE * MEPACRINE HYDROCHLORIDE * METHOQUINE * 2-METHOXY-6-CHLORO-9-(4-DIETHYLAMINO-1-METHYLBUTYLAMINO)ACRIDINE DIHYDROCHLORIDE * METOCHIN * METOQUIN * METOQUINE * PALACRIN * PALUDAN * PENTABEN * QUINACRINE DIHYDROCHLORIDE * QUINACRINE HYDROCHLORIDE * Sno-KP * SN 390 * S. N. 390

MUTATION DATA AND REFERENCES:

mma-sat	1 mg/plate	CNIGA8 21,319.79
dnr-esc	530 ng/well	ENMUDM 3,429.81
dnd-esc	30 umol/L	MUREAV 89,95.81
dnd-lec	1 mmol/L	MUREAV 42,175.77
dnd-omi	1 mmol/L	CHROAU 49,17.74
dnd-omi	1 mmol/L	CHROAU 49,17.74
otr-slv-par	500 ug	MUREAV 22,295.74
mnt-mus-ipr	150 mg/kg	MUREAV 120,127.83
dnd-mam-lym	1 mmol/L	CHROAU 49,17.74
cyt-mam-lng	5000 ppm	NEREAY 69,217.71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	iut-wmn TDLo:15 mg/kg (3D pre)	PESTAS 21,581.70
1T22	ivn-wmn TDLo:20 mg/kg (1D pre)	CCPTAY 14,75.76
1T19	iut-rat TDLo:50 mg/kg (1D pre)	IJEBA6 16,107.78
1T25	iut-rat TDLo:2 mg/kg (8D preg)	49VWAG 71,83
2T13T24	iut-mus TDLo:80 mg/kg (1D preg)	CCPTAY 17,231.78
1T01	itt-mky TDLo:20 mg/kg (1D male)	FESTAS 39(Suppl),441.83
3T12T13T14	unk-grb TDLo:375 mg/kg (25D pre)	IJEBA6 16,984.76

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:900 mg/kg	JPETAB 80,144.44
	iut-rat LD50:100 mg/kg	IJEBA6 16,1074.78
	orl-mus LDLo:1000 mg/kg	AEPPAE 170,328.33
	ipr-mus LDLo:70 mg/kg	CCPTAY 17,231.78
1J25	scu-mus LD50:212 mg/kg	ABEMAV 1,317.41
	ivn-mus LDLo:37 mg/kg	TXAPA9 44,225.78
3C08H30J30	ivn-dog LDLo:20 mg/kg	JAPMA8 34,20.45
3F07J25S15	ivn-mky LDLo:15 mg/kg	CCPTAY 24,269.81
	orl-cat LDLo:200 mg/kg	AEPPAE 170,328.33
	scu-cat LDLo:100 mg/kg	AEPPAE 170,328.33
	ivn-cat LDLo:10 mg/kg	AEPPAE 170,328.33
	orl-rbt LDLo:400 mg/kg	AEPPAE 170,328.33
"	ipr-ham LDLo:80 mg/kg	CCPTAY 17,231.78
"	orl-ckn LDLo:714 mg/kg	MEIFDQ 10,1161.83
"	ipr-grb LDLo:70 mg/kg	CCPTAY 17,231.78

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR7876000 ACRIDINE, 6-CHLORO-9-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-2-METHOXY-, DIHYDROCHLORIDE, DIHYDRATE

UPDT:8401 CAS: 6151-30-0 MW: 506.97 MOLFM: C23-H30-Cl-N3-O, 2Cl-H, 2H2-O

SYN: ATABRINE HYDROCHLORIDE DIHYDRATE * 6-CHLORO-9-(4-(DIETHYLAMINO)-1-METHYLBUTYLAMINO)-2-METHOXYACRIDINE DIHYDROCHLORIDE 2H2-O * MEPACRINE HYDROCHLORIDE DIHYDRATE * QUINACRINE DIHYDROCHLORIDE DIHYDRATE * QUINACRINE HYDROCHLORIDE DIHYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	itt-rat TDLo:4 mg/kg (1D male)	CCPTAY 6,379.72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR8050000 ACRIDINE, 9-(2-((2-CHLOROETHYL)AMINO)ETHYLAMINO)-6-CHLORO-2-METHOXY-, DIHYDROCHLORIDE, HYDRATE

UPDT:8401 CAS: 10072-24-9 MW: 455.24 MOLFM: C18-H19-Cl2-N3-O, 2Cl-H, H2-O

SYN: 9-(2-((2-CHLOROETHYL)AMINO)ETHYLAMINO)-6-CHLORO-2-METHOXYACRIDINE DIHYDROCHLORIDE * ICR 125 * QUINACRINE ETHYL M 2

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ipr-mus TDLo:570 mg/kg/4W-I	JNCIAM 36,915.66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRIDINE, 9-((3-((2-CHLOROETHYL)ETHYLAMINO)PROPYL)AMINO)-, DIHYDROCHLORIDE see: TX6880000

AR8200000 ACRIDINE, 9-(3-(N-(2-CHLOROETHYL)-N-ETHYLAMINO)PROPYLAMINO)-4-METHOXY-, DIHYDROCHLORIDE

UPDT:8411 CAS: 38915-14-9 MW: 444.87 MOLFM: C21-H26-Cl-N3-O, 2Cl-H

SYN: 9-(3-(ETHYL-2-CHLOROETHYL)AMINOPROPYLAMINO)-4-METHOXYACRIDINE DIHYDROCHLORIDE * ICR 377 * 4-METHOXY-9-(3-(ETHYL-2-CHLOROETHYL)AMINOPROPYLAMINO)ACRIDINE DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:

mma-sat	500 ng/plate	MUREAV 136,185.84

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ivn-mus TDLo:2200 ug/kg	CNREA8 36,2423.76

TOXICITY DATA AND REFERENCES:

	ivn-mus LDLo:2 mg/kg	CNREA8 36,2423.76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR8300000 ACRIDINE, 9-CYCLOHEXYLAMINO-

UPDT:8402 CAS: 6404-83-9 MW: 276.41 MOLFM: C19-H20-N2

SYN: 9-CYCLOHEXYLAMINOACRIDINE (European) * 9-(CYCLOHEXYLAMINO)ACRIDINE

MUTATION DATA AND REFERENCES:

mmo-sat	50 uL/well	MUREAV 116,289.83

TOXICITY DATA AND REFERENCES:

scu-mus	LD50:25 mg/kg	BJEPA5 28,1.47

3,6-ACRIDINEDIAMINE (9CI) see: AR8670000

3,6-ACRIDINEDIAMINE, DIHYDROCHLORIDE (9CI) see: AR8700000

6,9-ACRIDINEDIAMINE, 2-ETHOXY-, 2-HYDROXYPROPANOATE (1:1) see: OD4725000

3,6-ACRIDINEDIAMINE, MONOHYDROCHLORIDE (9CI) see: AR9064000

3,6-ACRIDINEDIAMINE SULFATE see: AR9065000

3,6-ACRIDINEDIAMINE, SULFATE (1:1) (9CI) see: AR9065000

3,6-ACRIDINEDIAMINE, SULFATE (2:1) see: AR9065000

3,6-ACRIDINEDIAMINE SULPHATE see: AR9065000

ACRIDINEDIAMINE, N,N,N(sup 1),N(sup 1)-TETRAMETHYL- (9CI) see: AR7600000

AR8670000 ACRIDINE, 3,6-DIAMINO-

UPDT:8309 CAS: 92-62-6 MW: 209.27 MOLFM: C13-H11-N3

SYN: 3,6-ACRIDINEDIAMINE (9CI) * 2,5-DIAMINOACRIDINE (European) * 3,6-DIAMINOACRIDINE * 2,8-DIAMINOACRIDINIUM * 3,6-DIAMINOACRIDINIUM * 3,7-DIAMINO-5-AZAANTHRACENE * ISOFLAVINE BASE * PROFLAVIN * PROFLAVINE * PROFOLIOL * PROFOLIOL B * PROFORMIDEN * PROFUNDOL * PROFUNOL * PROGARMED * PRO GEN * PROGESIC

MUTATION DATA AND REFERENCES:

mmo-sat	500 mg/L	MUREAV 53,289.78
mma-sat	5 ug/plate	PNASA6 72,5135.75
mmo-esc	10 ug/plate	MUREAV 25,187.74
dnr-esc	1 mg/plate	MURPAV 54,101.76
dnd-esc	10 mg/L	MUREAV 107,1.83
mmo-omi	4 mg/L	JMOBAK 3,762.61
mmo-omi	4 mg/L	PNASA6 58,254.67
mmo-omi	7500 ug/L	ROVIAM 16,1000.75
mmo-omi	10 umol/L	GENTAE 90,1.78
mmo-omi	5 mg/L	VIRLAX 37,335.69
mma-smc	25 umol/L	MUREAV 82,87.81
msc-smc	1 umol/L	MGOEAE 144,131.76
slt-slw-ipr	50 mg	MUREAV 22,295.74
dnd-sal-ipr	15 mmol	ABBIA4 123,292.67
cyt-hmn-hla	1 mg/L/1H	ECREAL 39,296.65
sce-hmn-lym	200 ug/L	MUREAV 68,295.79
otr-rat-emb	370 ng/plate	JJATDK 1,190.81
dns-rat-lvr	1 umol/L	ENMUDM 3,11.81
otr-mus-emb	1 umol/L	MOPMA3 21,739.82
dnd-mus-ast	48 umol/L	BBACAQ 374,96.74
dni-mus-ipr	100 mg/kg	MUREAV 46,303.77
dni-mus-emb	1 umol/L	MOPMA3 21,739.82
oms-mus-emb	1 umol/L	MOPMA3 21,739.82
cyt-ham-lng	1 mg/L	JNCIAM 59,289.77
cyt-ham-fbr	4 umol/L	ECREAL 65,239.74
sce-ham-lng	1 mg/L	JNCIAM 59,289.77
sce-ham-ovr	20 ug/L	ENMUDM 4,55.82

sce-ham-fbr 1 umol/L ECREAL 85,239,74
dnd-mam:lym 13500 nmol/L ZEKBAI 61,127,65
dns-mam:lym 1 umol/L CBINA8 8,113,74

TOXICITY DATA AND REFERENCES:
scu-mus LD50:140 mg/kg BJEPA5 78,1,47
ivn-cat LDLo:11111 ug/kg LANCAO 196,838,19

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 24,195,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AR8700000 ACRIDINE, 3,6-DIAMINO-, DIHYDROCHLORIDE
UPDT:8112 CAS: 531-75-7 MW: 282.19 MOLFM: C13-H11-N3 2Cl-H
SYN: 3,6 ACRIDINEDIAMINE, DIHYDROCHLORIDE (9CI) * 3,6-DIAMINOACRIDINE DIHYDROCHLORIDE * 2,8-DIAMINOACRIDINIUM CHLORIDE HYDROCHLORIDE * 3,6-DIAMINOACRIDINIUM CHLORIDE HYDROCHLORIDE * PROFLAVINE DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:
dnd-esc 20 umol/L MUREAV 89,95,81
dnd-mus:ast 20 umol/L MUREAV 89,95,81

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:INDEFINITE IARC** 24,195,80

ACRIDINE, 6,9-DIAMINO-2-ETHOXY-, LACTATE see: OD4725000
ACRIDINE, 6,9-DIAMINO-2-ETHOXY-, MONOLACTATE see: OD4725000

AR9063000 ACRIDINE, 3,6-DIAMINO-, HYDROCHLORIDE, HEMIHYDRATE
UPDT:8401 CAS: 952-23-8 MW: 254.74 MOLFM: C13-H11-N3 Cl-H 1/2H2-O
SYN: 3,6-DIAMINOACRIDINE HYDROCHLORIDE HEMIHYDRATE * NCI-C04137 * PROFLAVINE MONOHYDROCHLORIDE HEMIHYDRATE

TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:27 gm/kg/109W-C NCITR* NCI-CG-TR-5,77
2V03L6(orl-mus TDLo:35 gm/kg/104W-C NCITR* NCI-CG-TR-5,77

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 24,195,80

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS INDEFINITE:MOUSE, RAT (NCITR* NCI-CG-TR-5,77)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR9064000 ACRIDINE, 3,6-DIAMINO-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 952-23-8 MW: 245.73 MOLFM: C13-H11-N3 Cl-H
SYN: 3,6 ACRIDINEDIAMINE, MONOHYDROCHLORIDE (9CI) * 3,6-DIAMINOACRIDINE MONOHYDROCHLORIDE * 3,6 DIAMINOACRIDINIUM CHLORIDE * 3,6-DIAMINOACRIDINIUM CHLORIDE HYDROCHLORIDE * 2,8 DIAMINOACRIDINIUM CHLORIDE MONOHYDROCHLORIDE * PROFLAVINE, HYDROCHLORIDE * PROFLAVINE MONOHYDROCHLORIDE

MUTATION DATA AND REFERENCES:
mmo-sat 300 ng/plate IAPUDO 27,283,80
mma-sat 3 ug/plate IAPUDO 27,283,80

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:INDEFINITE IARC** 24,195,80

AR9065000 ACRIDINE, 3,6-DIAMINO-, SULFATE (1:1)
UPDT:8211 CAS: 353-30-0 MW: 307.35 MOLFM: C13-H11-N3 H2-O4-S
SYN: 3,6-ACRIDINEDIAMINE SULFATE * 3,6 ACRIDINEDIAMINE, SULFATE (2:1) * 3,6 ACRIDINEDIAMINE, SULFATE (1:1) (9CI) * 3,6-ACRIDINEDIAMINE SULPHATE * 3,6-DIAMINOACRIDINE BISULPHATE * 3,6 DIAMINOACRIDINE SULPHATE (1:1) * 3,6-DIAMINOACRIDINIUM MONOHYDROGEN SULPHATE * 2,8 DIAMINOACRIDINIUM SULPHATE * FLAVINE * FLAVIN SULPHATE * ISOFLAV * NEUTRAL PROFLAVINE SULPHATE * PANCRIDINE * PROFLAVINE HEMISULFATE * PROFLAVINE (SULFATE) * PROFLAVINE SULPHATE * PROFLAVIN HEMISULPHATE * PROFLAVIN SULFATE * SANOFLAVIN

MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate ANYAA9 76,475,58
mmo-esc 500 ug/disc APMBAY 6,23,58
dnd-omi 100 pph ZNCBDA 29,128,74
dni-omi 5 mg/L MGGEAE 150,301,77
dnd-sal:spr 2 pph ZNCBDA 29,128,74
msc-mus:lym 500 ug/L/2H MUREAV 59,61,79
dnd-mam:lym 14 umol/L JMOBAK 13,138,65

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 24,195,80

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AR9069000 ACRIDINE, 9-((2-(DIETHYLAMINO)ETHYL)AMINO)-1-NITRO-, DIHYDROCHLORIDE
UPDT:8411 CAS: 17074-42-9 MW: 411.37 MOLFM: C19-H22-N4-O2 2Cl-H
SYN: C-516 * 1,2-ETHANEDIAMINE, N,N-DIETHYL-N'-(1-NITRO-9-ACRIDINYL)-, DIHYDROCHLORIDE (9CI) * 1-NITRO-9-(DIETHYLAMINOETHYLAMINE)-ACRIDINE DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:
dnd-hmn:hla 2500 nmol/L CBINA8 49,311,84
dns-hmn:hla 1 umol/L CBINA8 49,311,84

TOXICITY DATA AND REFERENCES:
1F17 orl-rat LD50:42200 ug/kg MMDPA6 8,252,76
1F17 ivn-rat LD50:3400 ug/kg MMDPA6 8,252,76
1F17 orl-mus LD50:56400 ug/kg MMDPA6 8,252,76
1F17 ivn-mus LD50:4900 ug/kg MMDPA6 8,252,76
ivn-pgn LD50:4920 mg/kg AITEAT 28,777,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR9100000 ACRIDINE, 9-(p-DIMETHYLAMINOANILINO)-
UPDT:8310 CAS: 13365-38-3 MW: 313.43 MOLFM: C21-H19-N3
SYN: 9-(p-DIMETHYLAMINOANILINO)ACRIDINE * NSC 13002

MUTATION DATA AND REFERENCES:
dnd-mam:lym 2 umol/L JMCMAP 24,170,81

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:15 mg/kg NCIAL* -,326,67
1V30 ipr-mus LD10:80 mg/kg JMCMAR 24,170,81
ivn-dog LDLo:5 mg/kg NCIAL* -,326,67
ivn-mky LDLo:5 mg/kg NCIAL* -,326,67

AR9240000 ACRIDINE, 9-(3-(DIMETHYLAMINO)PROPYLAMINO)-1-NITRO-
UPDT:8411 CAS: 4533-39-5 MW: 324.42 MOLFM: C18-H20-N4-O2
SYN: C 286 * LEDAKRIN * 1-NITRO-9-(3 DIMETHYLAMINOPROPYLAMINO)-ACRIDINE * 1,3 PROPANEDIAMINE, N,N-DIMETHYL-N'-(1-NITRO-9-ACRIDINYL)- (9CI)

MUTATION DATA AND REFERENCES:
mmo-sat 1 pmol/plate MUREAV 78,7,80
dni-eug 1 mg/L MMDPA6 28,258,76
dnd-hmn:hla 130 nmol/L CBINA8 49,311,84
dns-hmn:hla 250 nmol/L CBINA8 49,311,84
dni-hmn:hla 1 ug/L MMDPA6 28,258,76
dnd-mus-ipr 12 mg/kg CBINA8 13,99,76

TOXICITY DATA AND REFERENCES:
1F17 orl-rat LD50:25700 ug/kg MMDPA6 8,252,76
1F17 ivn-rat LD50:700 ug/kg MMDPA6 8,252,76
1F17 orl-mus LD50:34 mg/kg MMDPA6 8,252,76
1F17 ivn-mus LD50:1 mg/kg MMDPA6 8,252,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR9275000 ACRIDINE, 9,9-DIMETHYL-10-(3-(N,N-DIMETHYLAMINO)PROPYL)-, TARTRATE
UPDT:8305 CAS: 3759-07-7 MW: 442.56 MOLFM: C20-H26-N2 C4-H4-O6
SYN: ACRIDAN, 10-(3-(DIMETHYLAMINO)PROPYL)-9,9-DIMETHYL-, TARTRATE (1:1) (8CI) * 10(9H)-ACRIDINEPROPANAMINE, N,N,9,9-TETRAMETHYL-, (R-(R* R*))-2,3-DIHYDROXYBUTANEDIOATE (1:1) * DIMETACRINE BITARTRATE * DIMETACRINE TARTRATE * DIMETACRINE HYDROGEN TARTRATE * DIMETHACRINE TARTRATE * 9,9-DIMETHYL-10-(3-DIMETHYLAMINO)PROPYLACRIDINE TARTRATE * DIMETHRACINE TARTRATE * 10-(3-(DIMETHYLAMINO)PROPYL)-9,9-DIMETHYLACRIDAN TARTRATE (1:1) * 9,9-DIMETHYL-10-DIMETHYLAMINOPROPYLACRIDAN HYDROGEN TARTRATE * ISTONIL * MIROISTONIL * MO 709 * SD 709

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:450 mg/kg (9-14D preg) OYYAA2 4,855,70
1T46 orl-rat TDLo:300 mg/kg (9-14D preg) OYYAA2 4,855,70
2T25T35 ipr-rat TDLo:315 mg/kg (6-12D preg) OYYAA2 5,129,71
1T34 ipr-rat TDLo:210 mg/kg (6-12D preg) OYYAA2 5,129,71
1T81 orl-mus TDLo:175 mg/kg (7-13D preg) OYYAA2 4,855,70
1T34 ipr-mus TDLo:630 mg/kg (6-12D preg) OYYAA2 5,129,71

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1680 mg/kg WKWOAO 78,21,66
* ipr-rat LD50:203 mg/kg NIIRDN 6,342,82
* scu-rat LD50:1214 mg/kg WKWOAO 78,21,66
ivn-rat LD50:38 mg/kg WKWOAO 78,21,66
orl-mus LD50:860 mg/kg WKWOAO 78,21,66
ipr-mus LD50:175 mg/kg WKWOAO 78,21,66
* scu-mus LD50:798 mg/kg NIIRDN 6,342,82
* ivn-mus LD50:40900 ug/kg NIIRDN 6,342,82
orl-cat LD50:150 mg/kg WKWOAO 78,21,66
ivn-cat LD50:4(mg/kg WKWOAO 78,21,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRIDINE (DOT) see: AR7175000
ACRIDINE, 9-((3-(HEXYLAMINO)PROPYL)AMINO)-1-NITRO-, DIHYDROCHLORIDE see: TX8040000
ACRIDINE, 9-((3-(ISOPROPYLAMINO)PROPYL)AMINO)-1-NITRO-, DIHYDROCHLORIDE see: TX8257000

AR9480100 ACRIDINE, 9-(p-(METHYLAMINO)ANILINO)-, HYDROBROMIDE
UPDT:8310 MW: 380.27 MOLFM: C20-H17-N3 Br-H
SYN: 9-(p-(METHYLAMINO)ANILINO)ACRIDINE HYDROBROMIDE

MUTATION DATA AND REFERENCES:
mma-sat 82 umol/L JMCMAR 22,251,79

TOXICITY DATA AND REFERENCES:
ipr-mus LD10:70 mg/kg JMCMAR 22,251,79

AR9483200 ACRIDINE, 9-((2-MORPHOLINOETHYL)AMINO)-
UPDT:8402 CAS: 20273-42-1 MW: 307.43 MOLFM: C19-H21-N3-O
SYN: 9-((2-MORPHOLINOETHYL)AMINO)ACRIDINE

MUTATION DATA AND REFERENCES:
mmo-sat 50 uL/well MUREAV 116,289,83

ACRIDINE MUSTARD see: AR7680000
ACRIDINE ORANGE see: AR7600000
ACRIDINE ORANGE BASE see: AR7600000
ACRIDINE ORANGE FREE BASE see: AR7600000
ACRIDINE ORANGE NO see: AR7600000
9-ACRIDINEPROPANAMINE, 2-CHLORO-9,10-DIHYDRO-N,N-DIMETHYL-, PHOSPHATE (1:1) (9CI) see: AR6972100
9-ACRIDINEPROPANAMINE, 9,10-DIHYDRO-2-CHLORO-N,N-DIMETHYL (9CI) see: AR6972000
10(9H)-ACRIDINEPROPANAMINE, N,N,9,9-TETRAMETHYL-, (R-(R* R*))-2,3-DIHYDROXYBUTANEDIOATE (1:1) see: AR9275000
ACRIDINE RED see: ZD5500000
ACRIDINE RED 3B see: ZD5500000
ACRIDINE RED, HYDROCHLORIDE see: ZD5500000

AR9532200 ACRIDINE, 1,2,3,4-TETRAHYDRO-9-AMINO-, HYDROCHLORIDE, HYDRATE
UPDT:8310 MW: 252.77 MOLFM: C13-H14-N2 Cl-H H2-O
SYN: 9-AMINE 1,2,3,4-TETRAHYDROACRIDINE HYDROCHLORIDE HYDRATE * 1,2,3,4-TETRAHYDROAMINACRINE HYDROCHLORIDE HYDRATE * THA

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5600 ug/kg CSLNX* NX#07602

AR9534020 ACRIDINE, 1,2,3,4-TETRAHYDRO-4-(N-BUTYLAMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: B2636-28-0 MW: 495.02 MOLFM: C17-H22-N2-xCl-H
SYN: 4-(N-BUTYLAMINO)-1,2,3,4-TETRAHYDROACRIDINE HYDROCHLORIDE * CENTBUCRIDINE HYDROCHLORIDE * 1,2,3,4-TETRAHYDRO-4-(N-BUTYLAMINO)ACRIDINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 scu-mus TDLo:400 mg/kg (6-15D preg) IJEBA6 20,337,82
2T25T34 scu-rbt TDLo:180 mg/kg (8-16D preg) IJEBA6 20,337,82

TOXICITY DATA AND REFERENCES:
* scu-rat LD50:45 mg/kg IJEBA6 20,330,82
2F12J30 ipr-mus LD50:36 mg/kg IJEBA6 20,330,82
* scu-mus LD50:26 mg/kg IJEBA6 20,330,82
* scu-mky LD50:10500 ug/kg IJEBA6 20,330,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR9625000 ACRIDINIUM, 3,6-DIAMINO-10-METHYL-, CHLORIDE
UPDT:8412 CAS: 86-40-8 MW: 259.76 MOLFM: C14-H14-N3 Cl
SYN: ACRIFLAVINE * ACRIFLAVINE NEUTRAL * ACRIFLAVON * AF * AVELON * BURNOL * CHROMOFLAVINE * C.I. 46000 * 2,8-DIAMINO-10-METHYLACRIDINIUM CHLORIDE * 3,6-DIAMINO-10-METHYLACRIDINIUM CHLORIDE * EUFLAVINE * FLAVIN * FLAVINE * FLAVOSAN * GONACRINE * GONOCRIN * NEUTRAL ACRIFLAVINE * NEUTROFLAVINE * PANFLAVIN * TRYPAFLAVIN * XANTHACRIDINE

MUTATION DATA AND REFERENCES:
mma-sat 2000 ppm AGACBH 4,286,74
mma-sat 50 ug/plate MUREAV 40,203,76
dnr-sat 2000 ppm AGACBH 4,286,74
mma-esc 15 ppm/3H AMNTA4 85,119,51
mma-esc 10 mg/L MUREAV 140,13,84
dnr-esc 2000 ppm AGACBH 4,286,74
dnd-esc 5 mg/L MGGEAE 122,89,73
mma-bcs 6 mg/L/2H-C CJMIAZ 14,61,68
mma-srm 1 gm/L ATXKA8 28,93,71
mma-omi 15 mg/L GENRA8 13,57,69
mma-omi 20 ppm APMBAY 6,45,58
mma-omi 2 mg/L MUREAV 35,65,76
mma-omi 100 mg/L/2D JULRA7 25,37,68
mma-omi 6 mg/L MIBLAO 36,773,67
mma-omi 6 mg/L MIBLAO 36,773,67
mma-omi 107 mg/L MIBLAO 42,442,73
mma-omi 20 mg/plate EJMBA2 16,133,81
mma-omi 4 mg/L MUREAV 43,37,77
sln-dmg-orl 10 pph MUREAV 121,199,83
mma-smc 2000 ppm AGACBH 4,286,74
mrc-smc 2000 ppm AGACBH 4,286,74
dnd-smc 50 ppm SCIEAS 163,1331,69
mma-asr 10 mg/L GENRA8 7,207,65
dnd-hmn:fbr 110 ng ECREAL 53,101,68
dnd-hmn:hla 110 ng ECREAL 53,101,68
dni-hmn:hla 10 umol/L RAREAE 37,334,69
dnd-mus:mmr 100 nmol/L JOBCAO 84,145,78
dlt-mus-orl 50 mg/kg HUGEDQ 40,87,77

BEST COPY AVAILABLE

spm-mus-orl 100 mg/kg 50D-I HUGEDQ 40,87,77
dnd-ham:oth 11 ug/L ECREAL 53,101,68
dnd-mam:lym 10 pph BIPMAA 11,2537,72

TOXICITY DATA AND REFERENCES:
ivn-hmn LDLo:1500 ug/kg JPETAB 38,145,30
ipr-mus LDLo:11 mg/kg TXAPA9 23,288,72
scu-mus LD50:14 mg/kg BJEPA5 28,1,47
ivn-mus LD50:40 mg/kg BJEPA5 28,1,47
ivn-dog LDLo:25 mg/kg JPETAB 38,145,30
ivn-cat LDLo:7353 ug/kg LANCAO 196,838,19
ivn-rbt LDLo:25 mg/kg JPETAB 38,145,30
ipr-gpg LDLo:250 mg/kg HBAMAK 4,1292,35
scu-gpg LDLo:250 mg/kg HBAMAK 4,1292,35
ivn-gpg LDLo:40 mg/kg HBAMAK 4,1292,35
scu-frg LDLo:800 mg/kg ZGEMAZ 12,195,21
ipr-mam LD50:65 mg/kg JPETAB 80,217,44

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -49,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR9660000 ACRIDINIUM, 3,6-DIAMINO-10-METHYL-, CHLORIDE mixed with 3,6-ACRIDINEDIAMINE
UPDT:8406 CAS: 8048-52-0 MW: 469.03 MOLFM: C14-H14-Cl-N3 C13-H11-N3
SYN: ACRIFLAVIN * ACRIFLAVINE * ACRIFLAVINE mixture with PROFLAVINE * ACRIFLAVINE CHLORIDUM * ACRIFLAVINIUM CHLORIDE * ACRIFLAVON * ANGUFLAN * ASSIFLAVINE * AVLON * BIALFLAVINA * BIOACRIDIN * BOVOFLAVIN * B*BNOL * BUROFLAVIN * CHOUIFLAVIN * CHROMOFLAVINE * DIACRID * 3,6-DIAMINOACRIDINE mixture with 3,6-DIAMINO-10-METHYLACRIDINIUM CHLORIDE * 3,6-DIAMINO-10-METHYLACRIDINIUM CHLORIDE mixture with 3,6-ACRIDINEDIAMINE * 2,8-DIAMINO-10-METHYLACRIDINIUM CHLORIDE mixture with 2,8-DIAMINOACRIDINE * EUFLAVIN * EUFLAVINE * FLAVACRIDINUM HYDROCHLORICUM * FLAVINE * FLAVINETTEN * FLAVIOFORM * FLAVIPIN * FLAVISEPT * GLYCO-FLAVINE * GONACIN * GONACRINE * ISRAVIN * MEDIFLAVIN * NEUTRAL ACRIFLAVINE * NEUTROFLAVIN * NEUTROFLAVINE * PANFLAVIN * PANTONSILETTEN * TOLIVALIN * TRACHOSEPT * TRIPLA-ETILO * TRYPAFLAVIN * TRYPAFLAVINE * TRYPAFLAVINE NEUTRAL * TRYPAFLAVINUM * VETAFLAVIN * XANTHACRIDINUM * ZORIFLAVIN

MUTATION DATA AND REFERENCES:
mmo-sat 40 umol/L ENMUDM 3,11,81
mma-sat 100 uL/plate JTEHD6 2,1183,77
mmo-esc 100 ppm/4H CSHSAZ 12,256,47
mmo-bcs 6 mg/L/2H-C CJMIAZ 14,61,68
mmo-omi 100 mg/L/2D JULRA7 25,37,68
mmo-omi 2300 nmol/L GENTAE 90,1,78
mmo-smc 25 umol/L JSPMAW 1,449,73
dni-hmn-hla 10 umol/L RAREAE 37,334,69
dns-rat-lvr 5 umol/L ENMUDM 3,11,81
dnd-mus-mmc 100 nmol/L JOBIAO 84,145,78
cyt-mus-ipr 50 mg/kg HUMAA7 4,112,67
dlt-mus-ipr 50 mg/kg DMWOAX 92,2315,67
dlt-mus-orl 50 mg/kg HUGEDQ 40,87,77
msc-mus-lym 500 ug/L MUREAV 125,291,84
otr-ham:kdy 25 mg/L TXCYAC 19,55,81

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:160 mg/kg/60W-I SEMEAS 159,778,52

TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:250 mg/kg 85ESA3 9,16,76

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 13,31,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR9820000 ACRIDINO(2,1,9,8-klmna)ACRIDINE
UPDT:8401 CAS: 191-27-5 MW: 278.32 MOLFM: C23-H10-N2
SYN: 6,12-DIAZAANTHANTHRENE

TUMORIGENIC DATA AND REFERENCES:
2V03R6? imp-rat TDLo:600 mg/kg NEOLA4 18,591,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AR9830000 ACRIDINO(2,1,9,8-klmna)ACRIDINE SULFATE
UPDT:8401 CAS: 36494-09-2 MW: 376.40 MOLFM: C26-H10-N2-H2-O4-S
SYN: 6,12-DIAZAANTHANTHRENE SULFATE * 6,12-DIAZAANTHANTHRENE SULPHATE

TUMORIGENIC DATA AND REFERENCES:
2V03R6? imp-rat TDLo:600 mg/kg NEOLA4 18,591,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRIDINORANGE see: AR7600000
N'-(9-ACRIDINYLAMINO)-2'-AMINOMETHANESULFONANILIDE see: PB0503000
4'-(9-ACRIDINYLAMINO)-3'-AMINOMETHANESULFONANILIDE see: PB0504000
p-(9-ACRIDINYLAMINO)BENZAMIDE see: CU8703000
o-(9-ACRIDINYLAMINO)BENZAMIDE HYDROCHLORIDE see: CU8703200
p-(9-ACRIDINYLAMINO)BENZOIC ACID METHYL ESTER see: DG0945000
N-(o-(9-ACRIDINYLAMINO)BENZYL)METHANESULFONAMIDE HYDROCHLORIDE see: PB0390300
4'-(9-ACRIDINYLAMINO)-2'-CHLOROMETHANESULFONANILIDE see: PB0504100
2-(9-ACRIDINYLAMINO)ETHANOL ACETATE (ester) see: KJ5124000
4'-(9-ACRIDINYLAMINO)METHANESULFON-m-ANISIDE MONOHYDROCHLORIDE see: PB1081000
4'-(9-ACRIDINYLAMINO)METHANESULFON-m-ANISIDINE see: PB1080000
4'-(9-ACRIDINYLAMINO)METHANESULFON-o-ANISIDINE see: PB0505000
4'-(9-ACRIDINYLAMINO)METHANESULPHON-m-ANISIDIDE see: PB1080000
4'-(9-ACRIDINYLAMINO)-2'-METHOXYMETHANESULFONANILIDE see: PB0505000
4'-(9-ACRIDINYLAMINO)-3'-METHOXYMETHANESULFONANILIDE METHANESULFONATE see: PB0506000
N-(4-(9-ACRIDINYLAMINO)-3-METHOXYPHENYL)METHANESULFONAMIDE see: PB0505000
2'-(9-ACRIDINYLAMINO)-N-METHYLMETHANESULFONANILIDE HYDROCHLORIDE see: PB0506650
4'-(9-ACRIDINYLAMINO)-METHYLSULFONYL-m-ANISIDINE see: CB1080000
4'-(9-ACRIDINYLAMINO)-2'-NITROMETHANESULFONANILIDE see: PB0506700
o-(9-ACRIDINYLAMINO)PHENOL see: SJ3710000
N-((2-(9-ACRIDINYLAMINO)PHENYL)METHYL)METHANESULFONAMIDE MONOHYDROCHLORIDE see: PB0390300
N-(9-ACRIDINYL)-N'-(2-CHLOROETHYL)-1,3-PROPANEDIAMINE see: TX6865000
ACRIFLAVIN see: AR9660000
ACRIFLAVINE see: AR9625000
ACRIFLAVINE see: AR9660000
ACRIFLAVINE NEUTRAL see: AR9625000
ACRIFLAVINE mixture with PROFLAVINE see: AR9660000
ACRIFLAVINII CHLORIDUM see: AR9660000
ACRIFLAVINIUM CHLORIDE see: AR9660000
ACRIFLAVON see: AR9660000
ACRIFLAVON see: AR9625000
ACRILAFIL see: AT6978000
ACRILAN, combustion products see: AT6975000
ACRINAMINE see: AR7700000
ACRINOL see: OD4725000
ACRIQUINE see: AR7700000
ACRIQUINE see: AR7875000
ACRISIN FS 017 see: YU1610000
ACRITET see: AT5250000
ACROART see: TQ3325000

AS0839000 ACROCEPHALUS INDICUS (Burm. f.) O. Kuntze, extract
DEF: Indian plant belonging to the family ABIATAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:31250 ug/kg IJEBA6 18,594,80

ACROFOL see: AS6475000
ACROLACTINE see: OD4725000
ACROLEIC ACID see: AS4375000

AS1050000 ACROLEIN
UPDT:8407 CAS: 107-02-8 MW: 56.07 MOLFM: C3-H4-O
SYN: ACRALDEHYDE * ACROLEINA (Italian) * ACROLEINE (Dutch, French) * ACROLEIN, inhibited (DOT) * 2-PROPENAL * ACRYLALDEHYD (German) * ACRYLALDEHYDE * ACRYLIC ALDEHYDE * AKROLEIN (Czech) * AKROLEINA (Polish) * ALDEHYDE ACRYLIQUE (French) * ALDEIDE ACRILICA (Italian) * ALLYL ALDEHYDE * AQUALIN * AQUALINE * BIOCIDE * ETHYLENE ALDEHYDE * NSC 8818 * PROPENAL * PROPENAL (Czech) * 2-PROPENAL * PROP-2-EN-1-AL * 2-PROPEN-1-ONE * RCRA WASTE NUMBER P003 * SLIMICIDE * UN 1092 (DOT)

IRRITATION DATA AND REFERENCES:
eye-hmn 500 ppb/12M IAPWAR 4,79,61
skn-rbt 5 mg open SEV UCDS** 6/18/71
skn-rbt 500 mg/24H SEV 28ZPAK -,41,72
eye-rbt 1 mg SEV UCDS** 6/18/71
eye-rbt 50 ug/24H SEV 28ZPAK -,41,72

MUTATION DATA AND REFERENCES:
mmo-sat 20 nL/plate TCMUD8 1,259,80
mma-sat 50 ug/plate NTPTB* JAN 82
dnd-esc 9 umol/L MUREAV 39,317,77
dni-rat-ipr 500 ug/kg BICMBE 53,243,71
oms-rat-ipr 500 ug/kg BICMBE 53,243,71
sce-ham-ovr 10 umol/L CGCGBR 26,108,80
dnd-mam:lym 5800 mg/L/3H CNREA8 44,990,84
dni-mam:lym 80 umol/L FEBLAL 30,286,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ivn-rbt TDLo:6 mg/kg (9D preg) ARZNAD 30,2080,80

TOXICITY DATA AND REFERENCES:
2D17518 ihl-man TCLo:1 ppm BMJOAE 2,913,56
ihl-hmn LCLo:153 ppm/10M NTIS** PB214-270
3J02J20J30 ihl-chd TCLo:300 ppb/2H NPMDAD 8,2469,79
orl-rat LD50:46 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:8 ppm/4H JIHTAB 31,343,49
* ipr-rat LD50:4 mg/kg TXAPA9 71,84,83
2F01L03 scu-rat LD50:50 mg/kg APTOA6 6,299,50
orl-mus LD50:40 mg/kg BIJOAK 34,1196,40
ihl-mus LC50:66 ppm/6H IAANBS 26,281,70
ipr-mus LDLo:2 mg/kg TXAPA9 23,288,72
2F01L03 scu-mus LD50:30 mg/kg APTOA6 6,299,50
* ihl-cat LCLo:1570 mg/m3/8H APTOA6 6,299,50
orl-rbt LD50:7 mg/kg PCOC** -,1,66
ihl-rbt LCLo:24 mg/m3/6H BMJOAE 2,913,56
skn-rbt LD50:562 mg/kg WRPCA2 9,119,70
scu-rbt LDLo:150 mg/kg AEXPBL 43,351,1900
ihl-gpg LCLo:24 mg/m3/6H BMJOAE 2,913,56
scu-gpg LDLo:150 ug/kg AEXPBL 43,351,1900
orl-mam LDLo:10 mg/kg AJHYA2 29,32,39
idr-mam LDLo:250 mg/kg AEXPBL 43,351,1900
unk-mam LD50:45 mg/kg 30ZDA9 -,111,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,163,75; CMTVAS 10(3),49,73; MUREAV 47,115,77
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 19,479,79
★ TLV-TWA 100 ppb; STEL 300 ppb DTLVS* 4,P,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.1 ppm (SCP-C) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 2501
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACROLEINA (Italian) see: AS1050000

AS1106000 ACROLEIN, 3-BENZOYLOXY-
UPDT:8309 MW: 176.18 MOLFM: C10-H8-O3
SYN: beta-BENZOYLOXYACROLEIN * 3-BENZOYLOXYACROLEIN

MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate PAACA3 24,91,83

AS1130000 ACROLEIN, 3-CHLORO-
UPDT:8309 CAS: 20604-68-0 MW: 90.51 MOLFM: C3-H3-Cl-O
SYN: beta-CHLOROACROLEIN * 3-CHLOROACROLEIN * 2-PROPENAL 3-CHLORO- (9CI)

MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate PAACA3 24,91,83

ACROLEIN, CYANOHYDRIN see: EMB225000
ACROLEIN DIACETATE see: UC9625000

AS1370000 ACROLEIN, DIETHYLACETAL
UPDT:8312 CAS: 3054-95-3 MW: 130.21 MOLFM: C7-H14-O2
SYN: 3,3-DIETHOXY-PROPENE (DOT) * UN 2374 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate TCMUD8 1,259,80

STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

ACROLEIN DIMER see: UP6825000
ACROLEIN, inhibited (DOT) see: AS1050000
ACROLEIN DIMER, stabilized (DOT) see: UP6825000
ACROLEINE (Dutch, French) see: AS1050000

AS1700000 ACROLEIN, 3-ETHOXY-
UPDT:8309 CAS: 19060-08-3 MW: 100.16 MOLFM: C5-H8-O2
SYN: beta-ETHOXYACROLEIN * 3-ETHOXYACROLEIN * 2-PROPENAL 3-ETHOXY-

MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate PAACA3 24,91,83

AS1750000 ACROLEIN, 3-ETHOXY-, DIETHYL ACETAL
UPDT:8407 CAS: 5444-80-4 MW: 174.27 MOLFM: C9-H18-O2
SYN: PROPENE 1,3,3-TRIETHOXY- * 1,3,3-TRIETHOXY PROPENE * 1,3,3-TRIETHOXY-1-PROPENE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 20 mg open SEV AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2460 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:250 ppm/4H JIHTAB 31,343,49

BEST COPY AVAILABLE

skn-rbt LD50:370 mg/kg AMIHBC 4,119,51

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACROLEIN, 2-ETHYL-3-PROPYL- see: MP6300000

AS2060000 ACROLEIN, 3-ISOBUTOXY-
UPDT:8309 MW: 128.19 MOLFM: C7-H12-O2
SYN: beta-ISOBUTOXYACROLEIN * 3-ISOBUTOXYACROLEIN

MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate PAACA3 24,91,83

ACROLEIN, 2-METHYL- see: OZ2625000

AS2110000 ACROLEIN, 3-(p-NITROPHENOXY)-
UPDT:8309 MW: 193.17 MOLFM: C9-H7-N-O4
SYN: beta-(p-NITROPHENOXY)ACROLEIN * 3-(p-NITROPHENOXY)ACROLEIN

MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate PAACA3 24,91,83

ACROLEIN, 3-PHENYL- see: GD6475000
ACROMONA see: NI5600000
ACRONAL S 320 D see: TR0400000
ACRONIME see: UQ0330000
ACRONIZE see: QI7750000
ACRONYCINE see: UQ0330000
ACROPOR see: AT6976000
ACROPOR AN see: AT6976000
ACROPOR AN 200 see: AT6976000
ACROPOR AN 450 see: AT6976000
ACROPORE see: AT6976000

AS2770000 ACROSTICHUM AUREUM Linn., extract
DEP:Indian plant belonging to the family PTERIDIACEAE (IJEBA6 15,208,77)
UPDT:8408

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rat TDLo:150 mg/kg (12-14D preg) IJEBA6 15,208,77

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYL, combustion products see: AT6975000
ACRYLALDEHYD (German) see: AS1050000
ACRYLALDEHYDE see: AS1050000

AS3325000 ACRYLAMIDE
UPDT:8408 CAS: 79-06-1 MW: 71.09 MOLFM: C3-H5-N-O
SYN: ACRYLAMIDE (DOT) * ACRYLIC AMIDE * AKRYLAMID (Czech) * ETHYLENECARBOXYLAMIDE * PROPENAMIDE * 2-PROPENAMIDE (9CI) * RCRA WASTE NUMBER U007 * UN 2074 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/3D MLD TXAPA9 6,172,64
eye-rbt 10 mg/30S rns MLD TXAPA9 6,172,64
eye-rbt 100 mg/24H SEV 28ZPAK -,54,72

MUTATION DATA AND REFERENCES:
cyt-mus-orl 500 ppm/2W-I MUREAV 57,313,78
spm-mus-ipr 100 mg/kg MUREAV 57,313,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 orl-rat TDLo:200 mg/kg (7-16D preg) TOLEDS 7,233,81
1T02 orl-mus TDLo:571 mg/kg (16D male) ARTODN 47,179,81

TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:24 mg/kg/8W-I CNREA8 44,107,84
2V02J60 ipr-mus TD :72 mg/kg/8W-I CNREA8 44,107,84

TOXICITY DATA AND REFERENCES:
orl-rat LD50:170 mg/kg 28ZPAK -,54,72
3P30Y15Y17 skn-rat LDLo:400 mg/kg GISAAA 44(10),73,79
ipr-rat LD50:90 mg/kg AMPMAR 36,58,75
3F11F12F17 unk-rat LD50:208 mg/kg GISAAA 43(9),38,78
" orl-mus LD50:107 mg/kg ARTODN 47,179,81
ipr-mus LD50:170 mg/kg TXAPA9 33,142,75
3F11F12F17 unk-mus LD50:156 mg/kg GISAAA 43(9),38,78
3F12F19K13 ivn-cat LDLo:75 mg/kg JPETAB 123,180,58
orl-rbt LDLo:126 mg/kg TXAPA9 6,172,64
skn-rbt LDLo:1000 mg/kg TXAPA9 6,172,64
3F11F12F17 unk-rbt LD50:240 mg/kg GISAAA 43(9),38,78
orl-gpg LDLo:252 mg/kg TXAPA9 6,172,64
3F11F12F17 unk-gpg LD50:173 mg/kg GISAAA 43(9),38,78
3C08F05F17 orl-qal LD50:186 mg/kg JTEHD6 7,935,81
" orl-mam LD50:100 mg/kg KASEAA 17,495,79

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,129,75; CRTXB2 2,365,73; CMTVAS 10(3),49,73; CJNSA2 1,143,74; CJNSA2 1,152,74
★ TLV-TWA 300 ug/m3 (skin) DTLVS* 4,8,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 300 ug/m3 (skin) (SCP-K) FEREAC 39,23540,74
★ DOT-IMO-POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ACRYLAMIDE recm std-air:TWA 0.3 mg/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0783-0488
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AS3475000 ACRYLAMIDE, N-(1,1-DIMETHYL-3-OXOBUTYL)-
UPDT:8403 CAS: 2873-97-4 MW: 169.25 MOLFM: C9-H15-N-O2
SYN: DIACETONE ACRYLAMIDE * N-(1,1 DIMETHYL-3-OXOBUTYL)ACRYLAMIDE * N-(1,1-DIMETHYL-3-OXOBUTYL)-2-PROPENAMIDE * N-(2-(2-METHYL-4-OXOPENTYL))ACRYLAMIDE * 2-PROPENAMIDE, N-(1,1-DIMETHYL-3-OXOBUTYL)-

TOXICITY DATA AND REFERENCES:
" orl-rat LD50:2 gm/kg MEIEDD 10,428,83
" orl-mus LD50:1303 mg/kg ARTODN 47,179,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACRYLAMIDE (DOT) see: AS3325000

AS3500000 ACRYLAMIDE, 2-(2-FURYL)-3-(5-NITRO-2-FURYL)-
UPDT:8408 CAS: 3688-53-7 MW: 248.21 MOLFM: C11-H8-N2-O5
SYN: AF-2 * AF 2 (PRESERVATIVE) * FF * 2-FURANACETAMIDE, alpha-((5-NITRO-2-FURANYL)METHYLENE)- (9CI) * 2-FURANACRYLAMIDE, alpha-2-FURYL-5-NITRO- (8CI) * FURYLAMIDE * FURYLFURAMIDE * alpha-2-FURYL-5-NITRO-2-FURANACRYLAMIDE * 2-(2-FURYL)-3-(5-NITRO-2-FURYL)ACRYLAMIDE * 2-(2-FURYL)-3-(5-NITRO-2-FURYL)ACRYLIC ACID AMIDE * alpha-(FURYL)-beta-(5-NITRO-2-FURYL)ACRYLIC AMIDE * TOFURON

MUTATION DATA AND REFERENCES:
mma-sat 60 ng/plate ABCHA6 47,2461,83
mma-sat 20 ng/plate PNASA6 72,5135,75
dnr-sat 500 nmol/well CNREA8 34,2266,74
pic-sat 3 pmol/plate PPTCBY -,337,79
mma-esc 300 nmol/well CNREA8 34,2266,74
mma-esc 25 mg/L MUREAV 31,262,75
dnr-esc 700 nmol/L MUREAV 67,133,79
mrc-esc 500 nmol/well CNREA8 34,2266,74
dnd-esc 2 umol/L CBINAB 31,133,80
mmo-bcs 100 nmol/L MUREAV 42,19,77
dnr-bcs 50 ppm HOEKAN 25,146,75
mmo-ami 25 mg/L MUREAV 31,308,75
mrc-ami 25 mg/L MUREAV 31,308,75
slt-dmg-orl 50 ppm IDZAAW 57,569,82
sln-dmg-tcl 500 umol/L/3D MUREAV 56,95,77
mmo-nsc 30 umol/L MUREAV 56,13,77
mmo-smc 330 umol/L/30M MUREAV 58,99,78
mrc-smc 330 umol/L/30M MUREAV 54,23,78
mma-oug 50 mg/L MUREAV 31,262,75
dns-hmn:fbr 4 umol/L IDZAAW 48,291,73
cyt-hmn:emb 3 mg/L/2H MUREAV 32,55,75
cyt-hmn:lym 30 umol/L IDZAAW 48,291,73
sce-hmn:lym 500 ug/L CNREA8 40,4775,80
spm-ats-mul 5 mg/L/10D-C MUREAV 31,265,75
mnt-rat-ipr 60 mg/kg/24H MUREAV 48,295,77
dns-rat:oth 10 mmol/L SHKKAN 22,300,80
bfa-rat/sat 1200 mg/kg/6D-C CBINAB 15,69,76
cyt-rat-ipr 80 mg/kg MUREAV 32,55,75
dnd-mus:mmr 1 mmol/L JJEMAG 45,161,75
cyt-mus:mmr 10 umol/L JJEMAG 45,161,75
msc-mus:mmr 1 umol/L JJEMAG 45,161,75
otr-ham-ipr 20 mg/kg MUREAV 58,331,78
otr-ham:emb 5 umol/L IJCNAW 20,607,77
dni-ham:lng 10 umol/L/6D-C BJCAAI 40,94,79
cyt-ham-ipr 20 mg/kg MUREAV 57,69,78
cyt-ham:fbr 10 mg/L/6H MUREAV 48,337,77
cyt-ham:lng 6 mg/L GMCRDC 27,95,81
cyt-ham-unk 20 mg/kg IDZAAW 53,59,78
msc-ham-ipr 20 mg/kg MUREAV 41,351,76
msc-ham:emb 100 umol/L/3H MUREAV 41,351,76
msc-ham:lng 100 nmol/L/2H MUREAV 31,197,75
hma-ham/fbr 50 mg/kg GMCRDC 27,73,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 orl-rat TDLo:6 gm/kg (1-20D preg) JTSCDR 2,149,77
1T76 orl-rat TDLo:600 mg/kg (1-20D preg) JTSCDR 2,149,77
1T46 orl-mus TDLo:720 mg/kg (7-18D preg) SKEZAP 16,301,75
3T34T83T86 orl-mus TDLo:5750 mg/kg (5W male/3W pre-3W post) SKEZAP 18,455,77
3T13T22T26 orl-mus TDLo:28750 mg/kg (MGN) SKEZAP 18,455,77
1T25 orl-mus TDLo:150 mg/kg (8D preg) SEIJBO 15,41,75
1T72 scu-mus TDLo:150 mg/kg (13-17D preg) NATUAS 258,610,75
1T33 par-ham TDLo:50 mg/kg (12D preg) IDZAAW 53,59,78

TUMORIGENIC DATA AND REFERENCES:
2V01R60 orl-rat TDLo:52 gm/kg/40W-C CALEDQ 3,115,77
3V01J60K60 orl-mus TDLo:156 gm/kg/44W-C ZKKOBW 89,61,77
3V02T65J60 scu-mus TDLo:150 mg/kg (13-17D preg) NATUAS 258,610,75
2V01K60 orl-ham TDLo:63 gm/kg/94W-C FCTXAV 17,339,79
3V02K60K60 orl-rat TD :25 gm/kg/78W-C TOLEDS 1,11,77
3V01K60P61 orl-mus TD :211 gm/kg/63W-C GANNA2 68,825,77
3V01K60L60 orl-mus TD :158 gm/kg/47W-C CALEDQ 3,115,77
3V02K60P61 orl-mus TD :42 gm/kg/63W-C GANNA2 68,825,77
2V01K60 orl-ham TD :127 gm/kg/94W-C FCTXAV 17,339,79
3V01K60L60 orl-ham TD :116 gm/kg/80W-C ZKKOBW 89,61,77

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1534 mg/kg TJEMAO 103,331,71
" orl-mus LD50:340 mg/kg SKEZAP 16,301,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 31,47,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AS3510000 ACRYLAMIDE, 2-(2-FURYL)-3-(5-NITRO-2-FURYL)- (E)-
UPDT:8405 MW: 248.21 MOLFM: C11-H8-N2-O5
SYN: AF2 * FF * FURYLFURAMIDE * trans-2-(2-FURYL) 3 (5-NITRO 2-FURYL)ACRYLAMIDE

MUTATION DATA AND REFERENCES:
mma-sat 1 ng/plate ENMUDM 5(Suppl 1),3,83
mma-sat 10 ng/plate ENMUDM 5(Suppl 1),3,83
dnr-hmn:fbr 10 mg/L CBINAB 21,89,78
msc-hum:lng 1 mg/L/2H MUREAV 30,229,75
msc-ham:lng 3 mg/L CBINAB 21,89,78

AS3600000 ACRYLAMIDE, N-(HYDROXYMETHYL)-
UPDT:8412 CAS: 924-42-5 MW: 101.12 MOLFM: C4-H7-N-O2
SYN: N-(HYDROXYMETHYL)ACRYLAMIDE * N-(HYDROXYMETHYL)-2-PROPENAMIDE * N-METHANOLACRYLAMIDE * N-METHYLOLACRYLAMIDE * MONOMETHYLOLACRYLAMIDE * NCI-C60333 * 2-PROPENAMIDE, N-(HYDROXYMETHYL)- * URAMINE T 80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-mus TDLo:4608 mg/kg (16D male) ARTODN 47,179,81

TOXICITY DATA AND REFERENCES:
orl-mus LD50:420 mg/kg 37ASAA 1,306,78

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AS3678000 ACRYLAMIDE, N,N'-METHYLENEBIS-
UPDT:8306 CAS: 110-26-9 MW: 154.19 MOLFM: C7-H10-N2-O2
SYN: METHYLENEBISACRYLAMIDE * N,N METHYLENEBIS(ACRYLAMIDE) * N,N METHYLENEDIACRYLAMIDE * N,N METHYLIDENEBISACRYLAMIDE * 2-PROPENAMIDE N,N METHYLENEBIS-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-mus TDLo:3208 mg/kg (16D male) ARTODN 47,179,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:390 mg/kg 37ASAA 1,306,78
" orl-mus LD50:401 mg/kg ARTODN 47,179,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0880-0357
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLAMIDE, 3-(5-NITRO-2-FURYL)- see: LT8540000

AS4025000 ACRYLANILIDE, 3',4'-DICHLORO-2-METHYL-
UPDT:8408 CAS: 2164-09-2 MW: 230.10 MOLFM: C10-H9-Cl2-N-O
SYN: CHLORANOCRYL * DCM * DCMA * 3',4'-DICHLORO-2-METHACRYLANILIDE * 3',4'-DICHLORO-2-METHYLACRYLAMIDE * N-(3,4-DICHLOROPHENYL)METHACRYLAMIDE * N-(3,4-DICHLOROPHENYL)-2-METHYL-2-PROPENAMIDE * DICRYL * METHACRYLIC ACID, 3,4-DICHLOROANILIDE * alpha-METHYLACRYLIC ACID, 3,4-DICHLOROANILIDE * N 4,556 * NIA 45,6 * NIAGARA 4556 * 2-PROPENAMIDE, N-(3,4-DICHLOROPHENYL)-2-METHYL- (9CI)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1800 mg/kg WRPCA2 9,119,70

BEST COPY AVAILABLE

skn-rat LD50:1780 mg/kg — 31ZOAD 1,155.68
* orl-mus LD50:410 mg/kg — GTPZAB 21(12),30.77
ipr-mus LD50:3000 mg/kg — ARZNAD 14,668.64
skn-rbt LD50:10 gm/kg — PCOC** -.375.66

ACRYLATE DE METHYLE (French) see: AT2800000

ACRYLATE D'ETHYLE (French) see: AT0700000

AS4375000 ACRYLIC ACID
UPDT:8408 CAS: 79-10-7 MW: 72.07 MOLFM: C3-H4-O2
SYN: ACROLEIC ACID * ACRYLIC ACID (DOT) * ACRYLIC ACID, inhibited (DOT) * ACRYLIC ACID, GLACIAL * ETHYLENECARBOXYLIC ACID * PROPENE ACID * PROPENOIC ACID * 2-PROPENOIC ACID (9CI) * RCRA WASTE NUMBER U008 * UN 2218 (DOT) * VINYLFORMIC ACID

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open SEV — UCDS** 2/2/65
eye-rbt 1 mg SEV — UCDS** 2/2/65

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T86 orl-rat TDLo:100 gm/kg (13W pre-3W post) — DCTODJ 6,1,83
1T59 ipr-rat TDLo:14340 ug/kg (5-15D preg) — JDREAF 51,1632,72
2T34T46 ipr-rat TDLo:7329 ug/kg (5-15D preg) — JDREAF 51,1632,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:340 mg/kg — TXAPA9 28,313,74
* ihl-rat LCLo:4000 ppm/4H — TXAPA9 28,313,74
ipr-rat LD50:22 mg/kg — JDREAF 51,1632,72
orl-mus LD50:2400 mg/kg — BIJOAK 34,1196,40
* ihl-mus LC50:5300 mg/m3/2H — 83GMAT -.16,82
ipr-mus LDLo:128 mg/kg — CBCCT* 3,51,51
* skn-rbt LD50:280 mg/kg — TXAPA9 28,313,74

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE — IARC** 19,47,79
★ TLV-TWA 10 ppm — DTLVS* 4,9,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AS4750000 ACRYLIC ACID, 3-p-ANISOYL-3-BROMO-, SODIUM SALT, (E)-
CAS: 21739-91-3 MW: 308.10 MOLFM: C11-H9-Br-O4-Na
SYN: CYTEMBENA * NCI-C50737 * NSC-104801

TUMORIGENIC DATA AND REFERENCES:
3V01R60T69 ipr-rat TDLo:7 mg/kg/2Y-I — NTPTR* NTP-TR-207,81
3V01R60T69 ipr-rat TD :14 mg/kg/2Y-I — NTPTR* NTP-TR-207,81

STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED:RESULTS POSITIVE:RAT (NTPTR* NTP-TR-207,81)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED:RESULTS NEGATIVE:MOUSE (NTPTR* NTP-TR-207,81)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AS4800000 ACRYLIC ACID, 3-p-ANISOYL-3-BROMO-, SODIUM SALT, (Z)-
UPDT:8401 CAS: 2126-70-7 MW: 307.09 MOLFM: C11-H8-Br-O4-Na
SYN: ACRYLIC ACID, 3-BROMO-3-(4-METHOXYBENZOYL)-, SODIUM SALT, (Z)- * 3-BROMO-3-(4-METHOXYBENZOYL)ACRYLIC ACID SODIUM SALT * 2-BUTENOIC ACID, 3-BROMO-4-(4-METHOXYPHENYL)-4-OXO-, SODIUM SALT (Z)- * CYTEMBENA * SODIUM BROMEBRATE * SODIUM beta-4-METHOXYBENZOYL-beta-BROMOACRYLATE * SODIUM SALT of beta-4-METHOXYBENZOYL-beta-BROMOACRYLIC ACID

MUTATION DATA AND REFERENCES:
dnr-mus-ipr 350 mg/kg/14D-I — NEOLA4 25,523,78

TOXICITY DATA AND REFERENCES:
3F08F17K13 ivn-hmn TDLo:60 mg/kg/5D — JNCIAM 59,1619,77
ivn-dog LDLo:1200 mg/kg — CCROBU 59,1071,75

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLIC ACID, 3-BROMO-3-(4-METHOXYBENZOYL)-, SODIUM SALT, (Z)- see: AS4800000

AS5250000 ACRYLIC ACID, 1,3-BUTYLENE GLYCOL DIESTER
UPDT:8307 CAS: 19485-03-1 MW: 198.24 MOLFM: C10-H14-O4
SYN: ACRYLIC ACID, 1-METHYLTRIMETHYLENE ESTER (8CI) * 1,3-BUTANEDIOL DIACRYLATE * 1,3-BUTYLENE DIACRYLATE * 1,3-BUTYLENE GLYCOL DIACRYLATE * 2-PROPENOIC ACID, 1-METHYL-1,3-PROPANEDIYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3540 mg/kg — TXAPA9 28,313,74
* skn-rbt LD50:430 mg/kg — TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLIC ACID, BUTYL ESTER see: UD3150000
ACRYLIC ACID n-BUTYL ESTER see: UD3150000
ACRYLIC ACID, CALCIUM SALT see: UD3325000
ACRYLIC ACID, CHLORIDE see: AT7350000
ACRYLIC ACID beta-CHLOROETHYL ESTER see: AS6300000

AS6300000 ACRYLIC ACID, 2-CHLOROETHYL ESTER
UPDT:8407 CAS: 2206-89-5 MW: 134.57 MOLFM: C5-H7-Cl-O2
SYN: ACRYLIC ACID beta-CHLOROETHYL ESTER * CHLOROETHYL ACRYLATE * beta-CHLOROETHYL ACRYLATE * 2-CHLOROETHYL ACRYLATE * ETHANOL 2-CHLORO-, ACRYLATE * 2-PROPENOIC ACID, 2-CHLOROETHYL ESTER (9CI)

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV — AMIHBC 4,119,51
eye-rbt 50 ug open SEV — AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:
orl-rat LD50:180 mg/kg — AMIHBC 4,119,51
ihl-rat LCLo:250 ppm/4H — AMIHBC 4,119,51
ipr-mus LDLo:64 mg/kg — CBCCT* 3,360,51

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AS6340000 ACRYLIC ACID, 2-CHLORO-, ETHYL ESTER
UPDT:8409 CAS: 687-46-7 MW: 134.57 MOLFM: C5-H7-Cl-O2
SYN: 2-CHLOROACRYLIC ACID ETHYL ESTER * ETHYL alpha-CHLOROACRYLATE * ETHYL 2-CHLOROACRYLATE * 2-PROPENOIC ACID, 2-CHLORO-, ETHYL ESTER

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg — CSLNX* NX#02176

AS6475000 ACRYLIC ACID, 3-CHLORO-, SODIUM SALT, (Z)-
UPDT:8310 CAS: 4312-97-4 MW: 128.49 MOLFM: C3-H2-Cl-O2-Na
SYN: ACROFOL * AKROFOL * cis-beta-CHLOROACRYLIC ACID SODIUM SALT * cis-3-CHLOROPROPENOIC ACID SODIUM SALT * PREP * PREP DEFOLIANT * 2-PROPENOIC ACID, 3-CHLORO-, SODIUM SALT, (Z)- (9CI) * SODIUM cis-beta-CHLOROACRYLATE * SODIUM cis-3-CHLOROACRYLATE * UC 20 299 * UNION CARBIDE 20299

TOXICITY DATA AND REFERENCES:
orl-rat LD50:320 mg/kg — SCIEAS 141,1192,63
orl-mus LD50:750 mg/kg — 31ZOAD 1,386,68
skn-rbt LD50:400 mg/kg — PCOC** -.1017,66
orl-ckn LD50:600 mg/kg — 31ZOAD 1,386,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AS6530000 ACRYLIC ACID, 2-CYANO-
UPDT:8303 CAS: 15802-18-3 MW: 97.08 MOLFM: C4-H3-N-O2
SYN: ARDN ALPHA A * alpha-CYANOACRYLATE MONOMER * CYANO ACRYLIC ACID * alpha-CYANOACRYLIC ACID * 2-CYANOACRYLIC ACID * 2-PROPENOIC ACID, 2-CYANO- (9CI)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:6760 mg/kg — NIIRDN 6,54,82

AS6920000 ACRYLIC ACID, 2-CYANO-, ISOPENTYL ESTER
UPDT:8312 CAS: 19475-26-4 MW: 167.23 MOLFM: C9-H13-N-O2
SYN: ISOAMYL 2-CYANOACRYLATE * 2-PROPENOIC ACID, 2-CYANO-, 3-METHYLBUTYL ESTER

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — JBMRBG 6,201,72

AS7000000 ACRYLIC ACID, 2-CYANO-, METHYL ESTER
UPDT:8411 CAS: 137-05-3 MW: 111.11 MOLFM: C5-H5-N-O2
SYN: ADHERE * COAPT * alpha-CYANOACRYLIC ACID METHYL ESTER * 2-CYANOACRYLIC ACID, METHYL ESTER * CYANOLIT * EASTMAN 910 * EASTMAN 910 ADHESIVE * EASTMAN 910 MONOMER * MECRILAT * MECRYLATE * METHYL CYANOACRYLATE * METHYL alpha-CYANOACRYLATE * METHYL 2-CYANOACRYLATE

IRRITATION DATA AND REFERENCES:
eye-hmn 4 ppm — AIHAAP 29,558,68

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 itt-mky TDLo:100 mg/kg (1D male) — FESTAS 39(Suppl),441,83

REVIEW AND REFERENCES:
★ TLV-TWA 2 ppm; STEL 4 ppm — DTLVS* 4,270,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AS7350000 ACRYLIC ACID, CYCLOHEXYL ESTER
UPDT:8307 CAS: 3066-71-5 MW: 154.23 MOLFM: C9-H14-O2
SYN: CYCLOHEXYL ACRYLATE * 2-PROPENOIC ACID, CYCLOHEXYL ESTER (9CI) * SARTOMER SR 220 * SR 220

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8980 mg/kg — TXAPA9 28,313,74
* skn-rbt LD50:2520 mg/kg — TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AS7700000 ACRYLIC ACID, 2,3-DICHLORO-3-FORMYL-
UPDT:8408 CAS: 87-56-9 MW: 168.96 MOLFM: C4-H2-Cl2-O3
SYN: 2-BUTENOIC ACID, 2,3-DICHLOR-4-OXO-, (Z)- (9CI) * alpha,beta-DICHLORO-beta-FORMYL ACRYLIC ACID * DICHLOROMALEALDEHYDIC ACID * 2,3-DICHLOROMALEIC ALDEHYDE ACID * 2,3-DICHORO-4-OXO-2-BUTENOIC ACID * RYSELINA MUROCHLOROVA (Czech) * MALEALDEHYDIC ACID, DICHLORO-4-OXO-, (Z)- (9CI) * MUCOCHLORIC ACID

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — 28ZPAK -.85,72
eye-rbt 50 ug/24H SEV — 28ZPAK -.85,72

MUTATION DATA AND REFERENCES:
mmo-sat 100 ng/plate — BECTA6 24,590,80

TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 orl-mus TDLo:6100 mg/kg/78W-I — NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
orl-rat LD50:294 mg/kg — 28ZPAK -.85,72
* orl-mus LD50:84 mg/kg — 85GMAT -.46,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLIC ACID, DICYCLOPENTADIENYL ESTER see: AT4755000

AS8150000 ACRYLIC ACID, DIESTER with TRIETHYLENE GLYCOL
UPDT:8408 CAS: 1680-21-3 MW: 256.30 MOLFM: C12-H18-O6
SYN: 2-PROPENOIC ACID, 1,2-ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER (9CI) * TRIETHYLENE GLYCOL DIACRYLATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg — 85GMAT -.115,82
* orl-mus LD50:700 mg/kg — 85GMAT -.115,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLIC ACID, N,N-DIETHYLAMINOETHYL ESTER see: AS8225000

AS8225000 ACRYLIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER
UPDT:8305 CAS: 2426-54-2 MW: 171.27 MOLFM: C9-H17-N-O2
SYN: ACRYLIC ACID, N,N-DIETHYLAMINOETHYL ESTER * AGEFLEX FA 2 * DIETHYLAMINOETHYL ACRYLATE * N,N-DIETHYLAMINOETHYL ACRYLATE * beta-DIETHYLAMINOETHYL ACRYLATE * 2-(DIETHYLAMINO)ETHYL ACRYLATE * 2-PROPENOIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER (9CI)

IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open — AIHAAP 23,95,62
eye-rbt 1 mg MLD — UCDS** 12/30/71

TOXICITY DATA AND REFERENCES:
orl-rat LD50:770 mg/kg — UCDS** 9/15/64
ipr-mus LDLo:31 mg/kg — CBCCT* 4,226,52
skn-rbt LD50:200 mg/kg — UCDS** 12/30/71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AS8575000 ACRYLIC ACID, 3,3-DIFLUORO-2-(TRIFLUOROMETHYL)-, METHYL ESTER
UPDT:8405 CAS: 685-09-6 MW: 190.08 MOLFM: C5-H3-F5-O2
SYN: METHYL PERFLUOROMETHACRYLATE * 2-PROPENOIC ACID, 3,3-DIFLUORO-2-(TRIFLUOROMETHYL)-, METHYL ESTER(9CI)

TOXICITY DATA AND REFERENCES:
3F11J25U26 orl-mus LD50:220 mg/kg — TXAPA9 14,114,69
3F11J25U26 ipr-mus LD50:17 mg/kg — TXAPA9 14,114,69
3F11J25U26 ivn-mus LD50:20 mg/kg — TXAPA9 14,114,69

ACRYLIC ACID, 2,2-DIMETHYL-1,3-PROPANEDIOL DIESTER see: AS8925000

AS8925000 ACRYLIC ACID, 2,2-DIMETHYLTRIMETHYLENE ESTER
UPDT:8404 CAS: 2223-82-7 MW: 212.27 MOLFM: C11-H16-O4
SYN: ACRYLIC ACID, 2,2-DIMETHYL-1,3-PROPANEDIOL DIESTER * DIMETHYLOLPROPANE DIACRYLATE * 2,2-DIMETHYLTRIMETHYLENE ACRYLATE * NEOPENTYL GLYCOL DIACRYLATE * 1,3-PROPANEDIOL, 2,2-DIMETHYL-, DIACRYLATE * 2-PROPENOIC ACID, 2,2-DIMETHYL-1,3-PROPANEDIYL ESTER (9CI) * SR 247

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open SEV — UCDS** 11/30/71

TOXICITY DATA AND REFERENCES:
orl-rat LD50:6730 mg/kg — UCDS** 11/30/71
* skn-rbt LD50:400 mg/kg — TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1179-0028 & 8EHQ-0178-0028
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AS8990000 ACRYLIC ACID, 3,3-DIPHENYL-
UPDT:8303 CAS: 606-84-8 MW: 224.27 MOLFM: C15-H12-O2
SYN: ACIDO DIFENILILACRILICO (Italian) * 3,3-DIPHENYLACRYLIC ACID * M.G. 1779 * beta-PHENYLCINNAMIC ACID * 2-PROPENOIC ACID, 3,3-DIPHENYL- (9CI)

TOXICITY DATA AND REFERENCES:
2G30J30 ipr-mus LD50:4600 mg/kg — FRPSAX 14,714,59
2G30J30 ivn-mus LD50:120 mg/kg — FRPSAX 14,714,59

BEST COPY AVAILABLE

AS9080000 ACRYLIC ACID, 3,3-DIPHENYL-, 2-DIETHYLAMINOETHYL ESTER
UPDT:8303 MW: 323.47 MOLFM: C21-H25-N-O2
SYN: 3,3-DIPHENYLACRYLIC ACID 2-DIETHYLAMINOETHYL ESTER * ESTERE DIETILAMMINOETILICO DELL ACIDO DIFENILLACRILICO (Italian) * M.G. 5068

TOXICITY DATA AND REFERENCES:
3F12G30J30 ipr-mus LD50:2100 mg/kg FRPSAX 14,714,59
3F12G30J30 ivn-mus LD50:129 mg/kg FRPSAX 14,714,59

ACRYLIC ACID (DOT) see: AS4375000

ACRYLIC ACID, inhibited (DOT) see: AS4375000

AS9275000 ACRYLIC ACID, 2,3-EPOXYPROPYL ESTER
UPDT:8306 CAS: 106-90-1 MW: 128.14 MOLFM: C6-H8-O3
SYN: 2,3-EPOXYPROPYL ACRYLATE * GLYCIDYL ACRYLATE * GLYCIDYL PROPENATE * 1-PROPANOL, 2,3-EPOXY-, ACRYLATE * 2-PROPENOIC ACID, OXIRANYLMETHYL ESTER (9CI)

IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
eye-rbt 1 mg SEV UCDS** 4/10/68

MUTATION DATA AND REFERENCES:
cyt-rat-ipr 50 ug/kg 6JPCAL 6,235,51

TOXICITY DATA AND REFERENCES:
orl-rat LD50:210 mg/kg AIHAAP 23,95,62
* ihl-rat LCLo:125 ppm/4H AIHAAP 23,95,62
skn-rbt LD50:400 mg/kg UCDS** 4/10/68

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0179-0270
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AS9300000 ACRYLIC ACID, ESTER with ETHYL GLYCOLATE
UPDT:8408 MW: 158.17 MOLFM: C7-H10-O4
SYN: CARBOETHOXYMETHYL ACRYLATE * GLYCOLIC ACID, ETHYL ESTER, ESTER with ACRYLIC ACID

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:215 mg/kg 85GMAT -,32,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AS9450000 ACRYLIC ACID, 2-ETHOXYETHANOL DIESTER
UPDT:8408 CAS: 4074-88-8 MW: 214.24 MOLFM: C10-H14-O5
SYN: ACRYLIC ACID OXYDIETHYLENE ESTER (8CI) * DIETHYLENE GLYCOL DIACRYLATE * OXYDIETHYLENE ACRYLATE * OXYDIETHYLENE DIACRYLATE * 2-PROPENOIC ACID, OXYDI-2,1-ETHANEDIYL ESTER (9CI) * TGA 2

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:770 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:180 mg/kg TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLIC ACID, 2-ETHOXYETHANOL ESTER see: AS9800000

AS9800000 ACRYLIC ACID, 2-ETHOXYETHYL ESTER
UPDT:8407 CAS: 106-74-1 MW: 144.17 MOLFM: C7-H12-O3
SYN: ACRYLIC ACID 2-ETHOXYETHANOL ESTER * CELLOSOLVE ACRYLATE * ETHANOL, 2-ETHOXY-, ACRYLATE * ETHOXYETHYL ACRYLATE * 2-ETHOXYETHYL ACRYLATE * 2-ETHOXYETHYL-2-PROPENOATE * ETHYLENE GLYCOL MONOETHYL ETHER ACRYLATE * ETHYLENE GLYCOL MONOETHYL ETHER PROPENOATE * 2-PROPENOIC ACID, 2-ETHOXYETHYL ESTER

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
skn-rbt 500 mg open MLD UCDS** 6/6/69
eye-rbt 20 mg open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1070 mg/kg UCDS** 9/15/64
* ihl-rat LCLo:500 ppm/4H AMIHBC 10,61,54
skn-rbt LD50:1010 mg/kg AMIHBC 10,61,54

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

AT0175000 ACRYLIC ACID, ETHOXYPROPYL ESTER
UPDT:8407 CAS: 64050-15-3 MW: 158.2 MOLFM: C8-H14-O3
SYN: ETHOXYPROPYLACRYLATE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 100 mg open AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:
orl-rat LD50:820 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:250 ppm/4H AMIHBC 4,119,51
skn-rbt LD50:1410 mg/kg AMIHBC 4,119,51

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

AT0300000 ACRYLIC ACID, 2-ETHYLBUTYL ESTER
UPDT:8407 CAS: 3953-10-4 MW: 156.23 MOLFM: C9-H16-O2
SYN: 2-ETHYLBUTYLACRYLATE * 2-PROPENOIC ACID, 2-ETHYLBUTYL ESTER (9CI)

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 500 mg open AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:
orl-rat LD50:6490 mg/kg AMIHBC 4,119,51
skn-rbt LD50:5500 mg/kg AMIHBC 4,119,51

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

AT0350000 ACRYLIC ACID, ETHYLENE ESTER
UPDT:8405 CAS: 2274-11-5 MW: 170.18 MOLFM: C8-H10-O4
SYN: ACRYLIC ACID, ETHYLENE GLYCOL DIESTER * ETHYLDIOL ACRILATE (Russian) * ETHYLENE ACRYLATE * ETHYLENE DIACRYLATE * ETHYLENE GLYCOL DIACRYLATE * 2-PROPENOIC ACID, 1,2-ETHANEDIYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1470 mg/kg TXAPA9 28,313,74
3D35F13F23 orl-mus LD50:300 mg/kg GTPZAB 24(4),58,80
3D35F13F23 ihl-mus LC50:350 mg/kg GTPZAB 24(4),58,80
* skn-rbt LD50:570 mg/kg TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLIC ACID, ETHYLENE GLYCOL DIESTER see: AT0350000

AT0700000 ACRYLIC ACID, ETHYL ESTER
UPDT:8412 CAS: 140-88-5 MW: 100.12 MOLFM: C5-H8-O2
SYN: ACRYLATE D'ETHYLE (French) * ACRYLSAEUREAETHYLESTER (German) * AETHYLACRYLAT (German) * ETHOXYCARBONYLETHYLENE * ETHYLACRYLAAT (Dutch) * ETHYL ACRYLATE * ETHYL ACRYLATE, inhibited (DOT) * ETHYLAKRYLAT (Czech) * ETHYL PROPENOATE * ETHYL 2-PROPENOATE * ETIL ACRILATO (Italian) * ETILACRILATULUI (Romanian) * NCI-C50384 * 2-PROPENOIC ACID, ETHYL ESTER * RCRA WASTE NUMBER U113 * UN 1917 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rat 1204 ppm/14H-I JIHTAB 31,317,49
eye-mky 1204 ppm/15H-I JIHTAB 31,317,49
skn-rbt 500 mg open MLD UCDS** 12/14/71
skn-rbt 10 mg/24H MLD JIHTAB 31,311,49
eye-rbt 45 mg MLD UCDS** 12/14/71
eye-rbt 1204 ppm/7H JIHTAB 31,317,49
eye-gpg 1204 ppm/7H JIHTAB 31,317,49

MUTATION DATA AND REFERENCES:
mnt-mus-ipr 225 mg/kg MUREAV 135,189,84
cyt-ham:lng 9800 ug/L GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:
3D07D35J30 ihl-hmn TCLo:50 ppm 34ZIAG -,75,69
orl-rat LD50:1020 mg/kg UCDS** 9/15/64
ihl-rat LCLo:1000 ppm/4H 14CYAT 2,1879,63
* skn-rat LDLo:1800 mg/kg PJPPAA 32,223,80
ipr-rat LD50:450 mg/kg AMPMAR 36,58,75
* orl-mus LD50:1799 mg/kg TOLED5 11,125,82
ihl-mus LCLo:25 mg/m3/2H IGIBAS 11,27,62
* ipr-mus LD50:599 mg/kg JDREAF 51,526,72
orl-rbt LD50:400 mg/kg 14CYAT 2,1879,63
ihl-rbt LCLo:1204 ppm/7H JIHTAB 31,317,49
ihl-gpg LCLo:1204 ppm/7H JIHTAB 31,317,49

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 19,47,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 19,47,79
★ TLV-TWA 5 ppm; STEL 25 ppm (skin) DTLVS* 4,173,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 25 ppm (skin) SCP:D) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID, LABEL:FLAMMABLE LIQUID CFRGBR 49,172,101,82

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed. see: METHOD 1450
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1282-0167,8EHQ-0879-0250,8EHQ-1078-0250
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AT0710000 ACRYLIC ACID, ETHYL ESTER (inhibited)
UPDT:8409 CAS: 140-88-5 MW: 100.13 MOLFM: C5-H8-O2
SYN: RCRA WASTE NUMBER U113

STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed. see: METHOD 1450
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

AT0855000 ACRYLIC ACID, 2-ETHYLHEXYL ESTER
UPDT:8407 CAS: 103-11-7 MW: 184.31 MOLFM: C11-H20-O2
SYN: 2-ETHYLHEXYL ACRYLATE * 2-ETHYLHEXYL 2-PROPENOATE * 1-HEXANOL, 2-ETHYL-, ACRYLATE * OCTYL ACRYLATE * 2-PROPENOIC ACID, 2-ETHYLHEXYL ESTER (9CI)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 11/3/71
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 5 mg SEV AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5660 mg/kg UCDS** 9/15/64
ipr-rat LD50:1670 mg/kg AMPMAR 36,58,75
1F13 orl-mus LD50:4400 mg/kg GTPZAB 26(9),52,82
1F13 ihl-mus LCLo:600 mg/m3 GTPZAB 26(9),52,82
* ipr-mus LD50:1326 mg/kg JDREAF 51,526,72
* skn-rbt LD50:8480 mg/kg AMIHBC 4,119,51

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1079-0262,8EHQ-1278-0262

ACRYLIC ACID ETHYLTHIOETHYL ESTER see: AT1260000 ACRYLIC ACID, 2-(ETHYLTHIO)ETHYL ESTER

AT1260000 ACRYLIC ACID, 2-(ETHYLTHIO)ETHYL ESTER
UPDT:8408 CAS: 15205-68-2 MW: 160.25 MOLFM: C7-H12-O2-S
SYN: ACRYLIC ACID ETHYLTHIOETHYL ESTER * ETHYLTHIOETHYL ACRYLATE * beta (ETHYLTHIO)ETHYL ACRYLATE * 2-(ETHYLTHIO)ETHYL ACRYLATE * 2-PROPENOIC ACID, 2-(ETHYLTHIO)ETHYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg 85GMAT -,69,82
* orl-mus LD50:1100 mg/kg 85GMAT -,69,82

ACRYLIC ACID, GLACIAL see: AS4375000

AT1412000 ACRYLIC ACID, HEPTYL ESTER
UPDT:8401 CAS: 2499-58-3 MW: 170.28 MOLFM: C10-H18-O2
SYN: ENT 15768 * HEPTYL ACRYLATE * 2-PROPENOIC ACID, HEPTYL ESTER

TOXICITY DATA AND REFERENCES:
1F13 orl-rat LD50:4500 mg/kg GTPZAB 26(9),52,82
1F13 orl-mus LD50:3300 mg/kg GTPZAB 26(9),52,82
1F13 ihl-mus LC50:1000 mg/kg GTPZAB 26(9),52,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AT1450000 ACRYLIC ACID, HEXYL ESTER
UPDT:8303 CAS: 2499-95-8 MW: 156.25 MOLFM: C9-H16-O2
SYN: AGEFLEX n-HA * HEXYL ACRYLATE * n-HEXYL ACRYLATE * HEXYL 2-PROPENOATE * 2-PROPENOIC ACID, HEXYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:26 gm/kg AIHAAP 30,470,69
skn-rbt LD50:5660 mg/kg AIHAAP 30,470,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

ACRYLIC ACID HOMOPOLYMER see: AT4680000

AT1750000 ACRYLIC ACID, 2-HYDROXYETHYL ESTER
UPDT:8407 CAS: 818-61-1 MW: 116.13 MOLFM: C5-H8-O3
SYN: 2-(ACRYLOYLOXY)ETHANOL * BISOMER 2HEA * ETHYLENE GLYCOL ACRYLATE * ETHYLENE GLYCOL MONOACRYLATE * HYDROXYETHYL ACRYLATE * beta-HYDROXYETHYL ACRYLATE * 2-HYDROXYETHYL ACRYLATE * 2-PROPENOIC ACID, 2-HYDROXYETHYL ESTER (9CI)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MOD UCDS** 3/23/73
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 1 mg SEV UCDS** 3/23/73

TOXICITY DATA AND REFERENCES:
orl-rat LD50:450 mg/kg UCDS** 3/23/73
ihl-rat LCLo:500 ppm/4H AMIHBC 4,119,51
* orl-mus LD50:601 mg/kg TOLED5 11,125,82
skn-rbt LD50:1010 mg/kg AMIHBC 4,119,51

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA B(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION B(e) STATUS REPORT BEHQ-0880-0356

AT1925000 ACRYLIC ACID, 2-HYDROXYPROPYL ESTER
UPDT 8207 CAS: 999-61-1 MW: 130.16 MOLFM: C6-H10-O3
SYN: HPA * beta-HYDROXYPROPYL ACRYLATE * 2-HYDROXYPROPYL ACRYLATE * 1,2-PROPANEDIOL 1-ACRYLATE * 2-PROPENOIC ACID, 2-HYDROXYPROPYL ESTER (9CI) * PROPYLENE GLYCOL MONOACRYLATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg DTLVS* 4,227.80
* orl-mus LD50:1056 mg/kg TOLED5 11,125.82
scu-rbt LD50:160 mg/kg AIHAAP 30,470.69

REVIEW AND REFERENCES:
★ TLV-TWA 500 ppb (skin) DTLVS* 4,227.80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AT2100000 ACRYLIC ACID, ISOBUTYL ESTER
UPDT 8312 CAS: 106-63-8 MW: 128.19 MOLFM: C7-H12-O2
SYN: ISOBUTYL ACRYLATE * ISOBUTYL ACRYLATE, inhibited (DOT) * ISOBUTYL PROPENOATE * ISOBUTYL 2-PROPENOATE * 2-METHYLPROPYL ACRYLATE * 2-PROPENOIC ACID, 2-METHYLPROPYL ESTER (9CI) * UN 2527 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 3/28/68

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7070 mg/kg TXAPA9 28,313,74
ihl-rat LCLo:2000 ppm/4H UCDS** 3/28/68
ipr-rat LD50:654 mg/kg AMPMAR 36,58,75
* orl-mus LD50:6106 mg/kg TOLED5 11,125,82
* ipr-mus LD50:760 mg/kg JDREAF 51,526,72
skn-rbt LD50:890 mg/kg UCDS** 3/28/68

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, EVHPAZ 11,141,75

STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE or COMBUSTIBLE LIQUID, LABEL-FLAMMABLE LIQUID CFRGBR 49,172.102.83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA B(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AT2190000 ACRYLIC ACID, ISODECYL ESTER
UPDT 8305 CAS: 1330-61-6 MW: 212.37 MOLFM: C13-H24-O2
SYN: AGEFLEX FA 10 * ISODECYL ACRYLATE * ISODECYL ALCOHOL ACRYLATE * ISODECYL PROPENOATE * 2-PROPENOIC ACID, ISODECYL ESTER (9CI)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 7/20/62

TOXICITY DATA AND REFERENCES:
orl-rat LD50:12 gm/kg UCDS** 7/20/62
skn-rbt LD50:3540 mg/kg UCDS** 7/20/62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA B(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

AT2250000 ACRYLIC ACID, 3-(p-METHOXYBENZOYL)-
UPDT 8408 MW: 206.21 MOLFM: C11-H10-O4
SYN: 3-(p-METHOXYBENOZYL)ACRYLIC ACID * 4-(4-METHOXYPHENYL)-4-OXO-2-BUTENOIC ACID * 4-(4-METHOXYPHENYL)-4-OXO-BUTEN-2-SAEURE (German)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg GWXXBX #3239220

AT2290000 ACRYLIC ACID, 3-(o-METHOXYPHENYL)-2-PHENYL-, (E)-
UPDT 8305 CAS: 21140-85-2 MW: 254.30 MOLFM: C16-H14-O3
SYN: ACIDE alpha PHENYL ortho METHOXYCINNAMIQUE (French) * CINNAMIC ACID, o-METHOXY-alpha-PHENYL-, (E)- * trans-3-(o-METHOXYPHENYL)-2-PHENYLACRYLIC ACID * SUBSTANCE H 20

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1100 mg/kg AIPTAK 119,443,59
* ipr-mus LD50:400 mg/kg AIPTAK 119,443,59
* scu-mus LD50:440 mg/kg AIPTAK 119,443,59
* orl-gpg LD50:1000 mg/kg AIPTAK 119,443,59

ACRYLIC ACID, 2-METHYL- see: OZ2975000
ACRYLIC ACID, 3-METHYL- see: GQ2800000

AT2700000 ACRYLIC ACID, METHYLCARBAMYLETHYL ESTER
UPDT 8307 CAS: 59163-97-2 MW: 157.19 MOLFM: C7-H11-N-O3
SYN: METHYLCARBAMYLETHYL ACRYLATE * METHYLCARBAMOYLETHYL ACRYLATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 3/23/73
eye-rbt 5 mg SEV UCDS** 3/23/73

TOXICITY DATA AND REFERENCES:
orl-rat LD50:840 mg/kg UCDS** 3/23/73
* skn-rbt LD50:200 mg/kg TXAPA9 28,313,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLIC ACID, 2-METHYL-, DODECYL ESTER see: OZ4300000

AT2800000 ACRYLIC ACID, METHYL ESTER
UPDT 8407 CAS: 96-33-3 MW: 86.10 MOLFM: C4-H6-O2
SYN: ACRYLATE DE METHYLE (French) * ACRYLSAEUREMETHYLESTER (German) * CURITHANE 103 * METHOXYCARBONYLETHYLENE * METHYLACRYLAAT (Dutch) * METHYL ACRYLAT (German) * METHYL ACRYLATE * METHYL ACRYLATE, inhibited (DOT) * METHYL PROPENATE * METHYL PROPENOATE * METHYL 2-PROPENOATE * METHACRILATO (Italian) * PROPENOIC ACID METHYL ESTER (9CI) * 2-PROPENOIC ACID, METHYL ESTER (9CI) * UN 1919 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rat 578 ppm/49H-I JIHTAB 31,317.49
skn-rbt 100%/1M imm JIHTAB 31,317.49
skn-rbt 10 mg/24H open JIHTAB 30,63.48
eye-rbt 19 mg AJOPAA 29,1363.46

MUTATION DATA AND REFERENCES:
mnt-mus-ipr 32500 ug/kg MUREAV 135,189,84
cyt-ham-lng 6500 ug/L GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:
3D07D35J30 ihl-hmn TCLo:75 ppm 34?IAG ,75,69
orl-rat LD50:300 mg/kg JIHTAB 30,63,48
ihl-rat LCLo:1000 ppm/4H JIHTAB 31,343,49
ipr-rat LD50:325 mg/kg AMPMAR 36,58,75
* orl-mus LD50:827 mg/kg TOLED5 11,125,82
ihl-mus LCLo:9300 mg/m3 GISAAA 20(8),19,55
* ipr-mus LD50:234 mg/kg JDREAF 51,526,72
orl-rbt LDLo:280 mg/kg JIHTAB 31,317,49
ihl-rbt LCLo:2522 ppm/1H JIHTAB 31,317,49
* skn-rbt LD50:1243 mg/kg JIHTAB 30,63,48

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, EVHPAZ 11,141,75; CMTVAS 10(3),49,73
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 19,47,79
★ TLV-TWA 10 ppm (skin) DTLVS* 4,261,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 10 ppm (skin) (SCP-D) FEREAC 39,23540,74
★ DOT-HAZARD-FLAMMABLE LIQUID, LABEL-FLAMMABLE LIQUID CFRGBR 49,172.101.82

STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS, VOL 2, S38
NIOSH MANUAL OF ANALYTICAL METHODS, TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA B(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLIC ACID METHYLTHIOETHYL ESTER see: AT3500000

AT3500000 ACRYLIC ACID, 2-(METHYLTHIO)ETHYL ESTER
UPDT 8408 CAS: 4836-09-3 MW: 146.22 MOLFM: C6-H10-O2-S
SYN: ACRYLIC ACID METHYLTHIOETHYL ESTER * ETHANOL, 2-(METHYLTHIO)-, ACRYLATE * 2-METHYLTHIOETHYL ACRYLATE * 2-PROPENOIC ACID, 2-(METHYLTHIO)ETHYL ESTER (9CI)

IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1230 mg/kg AIHAAP 23,95,62
* orl-mus LD50:3730 mg/kg BSGMAT ,87,82
1R10 skn-rbt LD50:1490 mg/kg AIHAAP 23,95,62

ACRYLIC ACID, 1-METHYLTRIMETHYLENE ESTER (8CI) see: AS5250000
ACRYLIC ACID, 5-NORBORNEN-2-METHYL ESTER see: AT3850000

AT3850000 ACRYLIC ACID, 5-NORBORNEN-2-YLMETHYL ESTER
UPDT 8307 CAS: 95-39-6 MW: 178.25 MOLFM: C11-H14-O2
SYN: ALRYLIC ACID, 5-NORBORNEN-2-METHYL ESTER * BICYCLO(2.2.1)HEPT-5-ENE-2-METHYLOL ACRYLATE * CYCLOL ACRYLATE * 2,5-endo-METHYLENE dehydrosp.3)-TETRAHYDROBENZYL ACRYLATE * 5-NORBORNENE-2-METHANOL ACRYLATE * 5-NORBORNENE-2-METHYLOLACRYLATE * 2-PROPENOIC ACID, BICYCLO(2.2.1)HEPT-5-EN-2-YLMETHYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1410 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:2830 mg/kg TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA B(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

AT4025000 ACRYLIC ACID, 2-NORBORNYL ESTER
UPDT 8307 CAS: 10027-06-2 MW: 154.23 MOLFM: C9-H14-O2
SYN: 2-NORBORNYL ACRYLATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5660 mg/kg AIHAAP 30,470,69
skn-rbt LD50:880 mg/kg AIHAAP 30,470,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLIC ACID, OXYDIETHYLENE ESTER (8CI) see: AS9450000
ACRYLIC ACID, PENTAERITHRITOL TRIESTER see: UD3370000
ACRYLIC ACID POLYMER see: AT4680000

AT4680000 ACRYLIC ACID, POLYMERS
UPDT 8403 CAS: 9003-01-4 MW: 168.0o MOLFM: (C3-H4-O2)n
SYN: ACRYLIC ACID HOMOPOLYMER * ACRYLIC ACID POLYMER * ACRYLIC ACID RESIN * ACRYLIC POLYMER * ACRYLIC RESIN * ACRYSOL A-1 * ACRYSOL A-3 * ACRYSOL A-3 * ACRYSOL AC-5 * ACRYSOL ASE-75 * ACRYSOL WS-24 * ALCOGUM * ANTIPREX A * AROLON * ARON * ARON A-10H * ATACTIC POLY(ACRYLIC ACID) * CARBOMER 940 * CARBOMER 934P * CARBOPOL 934 * CARBOPOL 940 * CARBOPOL 941 * CARBOPOL 960 * CARBOPOL 961 * CARBOPOL 934P * CARBOSET * CARBOSET 515 * CARBOSET RESIN NO. 515 * CARPOLENE * DISPEX C40 * G-CURE * GOOD-RITE K 37 * GOOD-RITE K-700 * GOOD-RITE K 702 * GOOD-RITE K727 * GOOD-RITE WS 801 * HALOFLEX 202 * HALOFLEX 208 * JUNLON 110 * JURIMER AC 10H * JURIMER AC 10P * NALFLOC 636 * OLD G1 * PAA-25 * PA 11M * P 11H * POLYACRYLATE * POLY(ACRYLIC ACID) * POLYTEX 973 * PRIMAL ASE 60 * 2-PROPENOIC ACID HOMOPOLYMER (9CI) * R968 * RACRYL * 76 RES * REVACRYL A 191 * ROHAGIT SD 15 * SYNTHEMUL 90-588 * TECPOL * TERCRYL * VERSICOL E 7 * VERSICOL E9 * VERSICOL E15 * VERSICOL S 25 * VISCALEX HV 30 * VISCON 132 * WS 24 * WS 801 * XPA * ZINPOL

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 19,47,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION B(e) STATUS REPORT BEHQ-0382-0438 S
ACRYLIC ACID POLYMER, ZINC SALT see: UD3360000
ACRYLIC ACID RESIN see: AT4680000

AT4720000 ACRYLIC ACID, 3-SALICYLOYL-
UPDT 8408 CAS: 86416-55-5 MW: 192.18 MOLFM: C10-H8-O4
SYN: 4-(2-HYDROXYPHENYL)-4-OXO-2-BUTENOIC ACID * 4-(2-HYDROXYPHENYL)-4-OXO-BUTEN-2-SAEURE (German) * 3-SALICYLOYLACRYLIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:350 mg/kg GWXXBX #3239220

AT4744000 ACRYLIC ACID, TELOMER with TRICHLOROACETALDEHYDE
UPDT 8307 MW: 1228.31 MOLFM: C2-H-Cl3-O 15C3-H4-O2

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:178 mg/kg EJMCAS 1a,119,79

AT4755000 ACRYLIC ACID, ((3a,4,7,7a-TETRAHYDRO)4,7-METHANOINDENYL) ESTER
UPDT 8310 CAS: 50976-02-8 MW: 202.27 MOLFM: C13-H14-O2
SYN: ACRYLIC ACID, DICYCLOPENTADIENYL ESTER * DCPA * DICYCLOPENTADIENYL ACRYLATE * DICYCLOPENTENYL ACRYLATE * 2-PROPENOIC ACID, 3a,4,7,7a-TETRAHYDRO-4,7-METHANO-1H-INDENYL ESTER

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MOD UCDS** 3/28/72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:11 gm/kg UCDS** 3/28/72
* skn-rbt LD50:45200 mg/kg TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AT4790000 ACRYLIC ACID, 2,2,3,3,4,4,5,5,6,6,7,7,7-TRIDECAFLUOROHEPTYL ESTER
UPDT 8402 CAS: 559-11-5 MW: 404.15 MOLFM: C10-H5-F13-O2
SYN: 1,1-DIHYDROPERFLUOROHEPTYL ACRYLATE * GF * 2-PROPENOIC ACID, 2,2,3,3,4,4,5,5,6,6,7,7,7-TRIDECAFLUOROHEPTYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:
2F07513 orl-mus LD50:17 mg/kg GISAAA 47(8),90,82

AT4810000 ACRYLIC ACID, TRIESTER with 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL
UPDT 8401 CAS: 15625-89-5 MW: 296.35 MOLFM: C15-H20-O6
SYN: ACRYLIC ACID, 1,1,1-(TRIHYDROXYMETHYL)PROPANE TRIESTER * 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL TRIACRYLATE * 4EA * MFM * 4E ESTER A-TMPT * 1,3-PROPANEDIOL, 2-ETHYL-2-(HYDROXYMETHYL)-, TriACRYLATE * 2-PROPENOIC ACID, 2-ETHYL-2-(((1-OXO-2-PROPENYL)OXY)METHYL)-1,3-PROPANEDIYL ESTER (9CI) * SARTOMER SR 351 * SR 351 * TMPTA * TRIMETHYLOLPROPANE TRIACRYLATE

IRRITATION DATA AND REFERENCES:
skn-hmn 1% AIHAAP 42,8-53,81

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5190 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:5170 mg/kg AIHAAP 42,8-53,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACRYLIC ACID, 1,1,1-(TRIHYDROXYMETHYL)PROPANE TRIESTER see: AT4810000

AT4900000 ACRYLIC ACID, 3-(2,3,4-TRIMETHOXYBENZOYL)-, (E)-
UPDT 8411 MW: 265.26 MOLFM: C13-H13-O6

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg GWXXBX #3214081

BEST COPY AVAILABLE

ACRYLIC ALDEHYDE see: AS1050000
ACRYLIC AMIDE see: AS3325000
ACRYLIC POLYMER see: AT4680000
ACRYLIC RESIN see: AT4680000
ACRYLITE see: TR0400000
ACRYLNITRIL (German, Dutch) see: AT5250000
ACRYLOID A-15 see: TR0400000
ACRYLON see: AT5250000

AT5243000 1',1'-ACRYLONAPHTHONE, 3-CHLORO-
UPDT 8405 CAS: 25872-02-0 MW: 216.67 MOLFM: C13-H9-Cl-O
SYN: 3-CHLORO-1-ACRYLONAPHTHONE * 3-CHLORO 1,1 ACRYLONAPHTHONE

TOXICITY DATA AND REFERENCES:
3F11F23J30 ipr-mus LD50:48 mg/kg ARTODN (Suppl 4),421,80

AT5250000 ACRYLONITRILE
UPDT 8412 CAS: 107-13-1 MW: 53.07 MOLFM: C3-H3-N
SYN: ACRITET * ACRYLNITRIL (German, Dutch) * ACRYLON * ACRYLONITRILE (DOT) * ACRYLONITRILE MONOMER * AKRYLONITRYL (Polish) * CARBACRYL * CIANURO DI VINILE (Italian) * CYANOETHYLENE * CYANURE DE VINYLE (French) * ENT 54 * FUMIGRAIN * MILLER'S FUMIGRAIN * NITRILE ACRILICO (Italian) * NITRILE ACRYLIQUE (French) * PROPENENITRILE * 2-PROPENENITRILE * RCRA WASTE NUMBER U009 * TL 514 * UN 1093 (DOT) * VCN * VENTOX * VINYL CYANIDE

IRRITATION DATA AND REFERENCES:
skn-hmn 500 mg mse INMEAF 17,199,48
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 20 mg open SEV JIHTAB 30,63,48

MUTATION DATA AND REFERENCES:
mma-sat 25 uL/plate NIOSH* SAUG77
mma-sat 2 uL/plate MUREAV 48,271,77
dnd-rat-orl 46500 ug/kg CBINAB 47,363,83
oms-rat-orl 46500 ug/kg CBINAB 47,363,83
bfa-rat-sat 30 mg/kg TXCYAC 16,67,80
bfa-mus/sal 30 mg/kg TXCYAC 16,67,80
atr-ham:emb 50 mg/L JJINDB 62,1025,79
Jnd-ham:emb 200 mg/L JJINDB 62,1025,79
cyt-ham:lng 10 mg/L ARTODN (Suppl 4),41,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T22T34T46 orl-rat TDLo:650 mg/kg (6-15D preg) DOWCC* 03NOV76
2T46T47 orl-rat TDLo:650 mg/kg (6-15D preg) TJADAB 17,50A,78
2T19U01 ihl-rat TCLo:40 ppm/6H (6-15D preg) FCTXAV 16,547,78
1T46 ihl-rat TCLo:80 ppm/6H (6-15D preg) FCTXAV 16,547,78
1T25 ipr-mus TDLo:32 mg/kg (5D preg) ZHYGAM 26,564,80
2T25T41 ipr-ham TDLo:641 mg/kg (8D preg) TJADAB 23,317,81
3T31T33T34 ipr-ham TDLo:641 mg/kg (8D preg) TJADAB 23,325,81
2T41T46 ipr-ham TDLo:641 mg/kg (8D preg) TJADAB 23,325,81

TUMORIGENIC DATA AND REFERENCES:
3V02D45K60 orl-rat TDLo:3640 mg/kg 52W-C DOWCC* Mar77
2V03B60 ihl-rat TCLo:5 ppm/32W-I MELAAD 68,401,77
2V03A60 ihl-rat TC :20 ppm/4H/52W-I ANYAA9 381,216,82
2V03A60 ihl-rat TC :40 ppm/4H/52W-I ANYAA9 381,216,82

TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-hmn TCLo:16 ppm/20M INMEAF 17,199,48
3F07K12K13 ihl-man LCLo:1 gm/m3/1H ZAARAM 16,1,66
3F01J24K13 skn-chd LDLo:2015 ug/kg DMWOAX 75,1087,50
orl-rat LD50:82 mg/kg ZHYGAM 16,316,70
ihl-rat LCLo:500 ppm/4H JIHTAB 31,343,49
skn-rat LD50:148 mg/kg GISAAA 41(10),103,76
ipr-rat LD50:65 mg/kg AMPMAR 36,58,75
scu-rat LD50:96 mg/kg BJIMAG 19,283,62
par-rat LDLo:200 mg/kg TXAPA9 37,133,76
orl-mus LD50:27 mg/kg JHEMA2 3,106,59
ihl-mus LCLo:900 mg/m3/60M JIHTAB 31,113,49
3D26F19J22 ipr-mus LD50:46 mg/kg TXAPA9 59,589,81
scu-mus LD50:35 mg/kg JHEMA2 3,106,59
ihl-dog LCLo:110 gm/m3/4H JIHTAB 24,27,42
ihl-cat LCLo:600 ppm/4H JIHTAB 24,27,42
orl-rbt LD50:93 mg/kg 29ZWAE -,324,68
ihl-rbt LCLo:258 ppm/4H JIHTAB 24,27,42
skn-rbt LD50:250 mg/kg SPEADM 74-1,-,74
ivn-rbt LD50:69 mg/kg NTIS** PB280-478
orl-gpg LD50:50 mg/kg ZHYGAM 16,316,70
ihl-gpg LC50:576 ppm/4H JIHTAB 24,27,42
skn-gpg LD50:202 mg/kg JIHTAB 30,63,48
scu-gpg LD50:35 mg/kg NTIS** PB280-478

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CMTVAS 10(3),49,73; SAIGBL 22,327,80
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 19.73.79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19.73.79
★ TLV-TWA 2 ppm DTLVS* 4.9.80
★ TLV-SUSPECTED CARCINOGEN DTLWS* 4.10.87

STANDARDS & REGULATIONS:
★ OSHA-cancer hazard CFRGBR 29 1910.1045.81
★ OSHA STANDARD-air:TWA 2 ppm;CL 10 ppm/15M FEREAC 43,45809,78
★ DOT-HAZARD-FLAMMABLE LIQUID, LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.101.82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ACRYLONITRILE recm std-air:4 ppm/4H by recm method

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1604
★ NIOSH CURRENT INTELLIGENCE BULLETIN 18, 1977
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0879-0300
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ACRYLONITRILE-BUTADIENE-STYRENE (pyrolysis products) see: AT6975000
ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER see: AT6970000
ACRYLONITRILE-1,3-BUTADIENE-STYRENE COPOLYMER see: AT6970000
ACRYLONITRILE-BUTADIENE-STYRENE POLYMER see: AT6970000
ACRYLONITRILE-1,3-BUTADIENE-STYRENE POLYMER see: AT6970000
ACRYLONITRILE-BUTADIENE-STYRENE RESIN see: AT6970000
ACRYLONITRILE-BUTADIENE-STYRENE TERPOLYMER see: AT6970000
ACRYLONITRILE (DOT) see: AT5250000

AT6900000 ACRYLONITRILE, 2-(p-METHOXYPHENYL)-3,3-DIPHENYL-
UPDT 8401 CAS: 16143-89-8 MW: 311.40 MOLFM: C22-H17-N-O
SYN: alpha-(p-METHOXYPHENYL)-beta,beta-DIPHENYLACRYLONITRILE * 2-(p-METHOXYPHENYL)-3,3-DIPHENYLACRYLONITRILE

TUMORIGENIC DATA AND REFERENCES:
2V01P62 scu-mus TDLo:94 mg/kg 26W-I MMJJAI 11,95,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLONITRILE MONOMER see: AT5250000

AT6970000 ACRYLONITRILE, POLYMER with 1,3-BUTADIENE AND STYRENE
UPDT 8305 CAS: 9003-56-9 MW: 845.17 MOLFM: (C8-H8-C4-H6-C3-H3-N)4
SYN: ABS * ABS (polymer) * ABS 60 * ABSAFIL * ABSAGLAS * ABSASAR * ABS COPOLYMER * ABSINOL * ABSON * ABSON 821 * ABSON 69163 * ABSON 89110 * ABSON 89131 * ABSON 89140 * ABSON 89151 * ABSON 89163 * ABSON 89171 * ABSON 820514 * ABS PLASTIC * ABS (POLYMER) * ABS RESIN * ABSROM * ABS TERPOLYMER * ACRYLONITRILE BUTADIENE STYRENE COPOLYMER * ACRYLONITRILE 1,3 BUTADIENE STYRENE COPOLYMER * ACRYLONITRILE-BUTADIENE STYRENE POLYMER * ACRYLONITRILE-1,3-BUTADIENE STYRENE POLYMER * ACRYLONITRILE-BUTADIENE-STYRENE RESIN * ACRYLONITRILE BUTADIENE STYRENE TERPOLYMER * ACRYLONITRILE-STYRENE-BUTADIENE RESIN * AFCORYL * AMERIPOL 1013 * ARRADUR * B 32 * BAKELITE * BLENDEX * BLENDEX 101 * BLENDEX 131 * BLENDEX 201 * BLENDEX 211 * BLENDEX 301 * BLENDEX 311 * BLENDEX 401 * BLENDEX 425 * BLENDEX 435 * BLENDEX 101ABS * BUTADIENE ACRYLONITRILE-STYRENE COPOLYMER * BUTADIENE ACRYLONITRILE STYRENE TERPOLYMER * BUTADIENE-STYRENE-ACRYLONITRILE COPOLYMER * BW Z 44 * CEVIAN V * CEVIAN V 120 * CEVIAN V 200 * CEVIAN V 610 * CHEMICUM CYCOLAC X 27 * CYCOLAC * CYCOLAC AM 1000 * CYCOLAC CIT 31330 * CYCOLAC DH 1000 * CYCOLAC E * CYCOLAC EP 3510 * CYCOLAC EPB * CYCOLAC GSE 1000 * CYCOLAC GSM * CYCOLAC GT 4502 * CYCOLAC H * CYCOLAC HE * CYCOLAC HM * CYCOLAC KA * CYCOLAC L * CYCOLAC L 1000 * CYCOLAC LL * CYCOLAC T * 1000 * CYCOLAC MS * CYCOLAC R 10 * CYCOLAC T * CYCOLAC T 1100 * CYCOLAC T 2098 * CYCOLAC TD * CYCOLAC TD 1001 * CYCOLAC X 27 * CYCOLOY * CYCOPAC * CYCOVIN * DENKA ABS GR 2000 * DENKA ABS GY * DOW 213 * DOW 300 * DOW 440 * DOW 500 * DP 35 * DRALASTIC * DYLEL 702 * DYLGL * E 1000 * E 1000 (copolymer) * EPA 3530 * EPB 3570 * ESTYRENE * FORMID * FORSAN * FORSAN 048 * FORTILENE * FORTYLENE * HIBLEN B 202 * HYCAR 1577 * HYCAR 1877B * JBS ABS * ISR-ABS 100 * JOLK * KANEACE S 10 * KANEACE SE 60 * KIT * KRALASTIC * KRALASTIC 2997 * KRALASTIC 3100 * KRALASTIC 3273 * KRALASTIC K 2540 * KRALASTIC K 3141 * KRALASTIC K 3170 * KRALASTIC K 3262 * KRALASTIC MH * KRALASTIC MHB * KRALASTIC MM 1801 * KRALASTIC MV * KRALASTIC SP 1801 * KRALASTIC SRB * KRALASTIC SRS * KRALASTIC W * KRALON * KRYNAC 900-I * KURARASUTIKU K 3119 * LACQRAN * LASTILAC * LITAC * LORKARIL J-* * LORKARIL JCA * LORKARIL JTE * LORKARIL JTF * LUSTRAN * LUSTRAN 220 * LUSTRAN 240 * LUSTRAN 400 * LUSTRAN 420 * LUSTRAN 461 * LUSTRAN 610 * LUSTRAN 640 * LUSTRAN 710 * LUSTRAN 740 * LUSTRAN 762 * LUSTRAN 1762 * LUSTRAN ABS 262 * LUSTRAN ABS 640 * LUSTRAN 440AS * LUSTRAN I 710 * LUSTRAN I 780 * LUSTRAN LK 153 * LUSTRAN Q 714 * LUSTROPACK * LUSTRUM * MARBON 301 * MARBON 401 * MARBON E 1000 * MARBON EPA 3530 * MARBON TP 2098 * MARMIX 16123 * MONSANTO 299 * MONSANTO 440 * NAUGATUCK 3168 * NEOCARIL * NORSORAN * NOVODUR * NOVODUR H 7004 * NOVODUR KI 1 5129 * NOVODUR P 25 * NOVODUR PH-AT * NOVODUR PH GV * NOVODUR PK * NOVODUR PM * NOVODUR P 20M * NOVODUR PM 2C * NOVODUR P 2T 038 * NOVODUR PVH 002 * NOVODUR PVM * NOVODUR PX * NOVODUR PX 8 * NOVODUR PX 792 * OvODUR * PG 299 * PG 911 * POLYACRYLONITRILE with 1,3-BUTADIENE and ETHENYLBENZENE * POLYSAR * 2-PROPENENITRILE POLYMER with 1,3 BUTADIENE and ETHENYLBENZENE (9CI) * RAVIKRAL * RESTIRAN * REXENE * RONAFIL DSM * RONFALIN * ROYALITE 20 * SCONATER * SCONATER 442MA * SHINKOLAC * SICOFLEX * SICOFLEX 85 * SICOFLEX S 160 * SNK * SR 1594 * STERNITE * STYLAC * STYLAC 100 * STYLAC 200 * STYLAC 301 * STYLAC XA 6705 * STYRENE-ACRYLONITRILE BUTADIENE COPOLYMER * STYRENE ACRYLONITRILE BUTADIENE POLYMER * STYRENE-ACRYLONITRILE BUTADIENE RESIN * STYRENE ACRYLONITRILE BUTADIENE TERPOLYMER * STYRENE-BUTADIENE ACRYLONITRILE COPOLYMER * SUMIROI-I * SZ NP * T 2908 * TE 4500 * TD 1001 * TERLURAN * TERLURAN 877 * TERLURAN 877 T * TOYOLAC * TOYOLAC 100 * TOYOLAC 400 * TOYOLAC 600 * TOYOLAC 9000 * TOYOLAC T 100 * TP 2098 * TUFREX * TUFREX 761 * TUFREX 810 * TYRBENE * TYRBENE 27 * TYRBENE 217 * TYRBENE 500 * UGIKRAL * UGIKRAL BB * URTAL * URTAL 1223 * VALLADE OB * VOLKARIL * VULKIDE A * XP 7150-1

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:NO DATA IARC** 19.91.79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AT6975000 ACRYLONITRILE, POLYMER with 1,3-BUTADIENE, and STYRENE, combustion products
UPDT 8007 MOLFM: (C3-H3-N)x
SYN: ABS (pyrolysis products) * ACELAN combustion products * ACRIBEL combustion products * ACRILAN combustion products * ACRYL combustion products * ACRYLONITRILE BUTADIENE STYRENE (pyrolysis products) * AKSA combustion products * ANILANA combustion products * BESLON combustion products * BI-LOFT combustion products * BULANA combustion products * CASHMILON combustion products * COURTELLE combustion products * CRESLAN combustion products * CRILENKA combustion products * CRUMERON combustion products * LYRLON combustion products * CRYSEL combustion products * DOLAN combustion products * DRALON combustion products * EURPACRIL combustion products * EXLAN combustion products * FINA combustion products * FISISA combustion products * JEKRILON combustion products * LEACRIL combustion products * MAKROLAN combustion products * MALON combustion products * MELANA combustion products * NITRON combustion products * ORLON combustion products * PEWLON combustion products * REDUCRIL combustion products * REDON combustion products * SAFACRIL combustion products * SILPALON combustion products * SIRACRIL combustion products * TAIRYLAN combustion products * TERCRYL combustion products * TORAYLON combustion products * TOWN FLOWER combustion products * TRIANA combustion products * VELICREN combustion products * VONNEL combustion products * WOLPRYLA combustion products * YALOVA combustion products * ZEFRAN combustion products

TOXICITY DATA AND REFERENCES:
ihl-mus LC50:10 gm/m3/30M PWPSAB 21,167,78

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:NO DATA IARC** 19.86.79

AT6976000 ACRYLONITRILE, POLYMER with CHLOROETHYLENE
UPDT 8401 CAS: 9003-00-3 MOLFM: (C3-H3-N-C2-H3-Cl)x
SYN: ACROPOR * ACROPOR AN * ACROPOR AN 200 * ACROPOR AN 450 * ACROPORE * DYNEL * DYNEL NYGL * KANEKALON * 2-PROPENENITRILE, POLYMER with CHLOROETHENE (9CI) * SEKNIT * VINYON N

TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-mus TDLo:18 mg/kg CNREAB 15,333,55

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AT6978000 ACRYLONITRILE, POLYMER with STYRENE
UPDT 8305 CAS: 9003-54-7 MOLFM: (C8-H8-C3-H3-N)x
SYN: ACRILAFIL * ACRYLONITRILE STYRENE COPOLYMER * ACRYLONITRILE STYRENE POLYMER * ACRYLONITRILE STYRENE RESIN * ACS * AFCOLENE * AS 61CL * BAKELITE RMD 4513 * CEVIAN HL * CEVIAN N * CEVIAN NF * DENKA AS-CT * DIALUX * DIKARIL * ESTYGENE AS * FN 20 * FN 25 * KOSTIL * KOSTIL 235 * KOSTIL AN (ATX) 2010 * KRALAC 1155 * LITAC * LITAC C 100F * LNA 21-1000 * LORKARIL * LURAN * LURAN 378P * LUR-LN 368R * LUSTRAN * LUSTRAN 28 * LUSTRAN A * LUSTRAN A 21 * LUSTRAN A 2121 * LUSTRAN LNA 21 * LUSTRAN SAN * PICCOFLEX * POLYSAN * POLYSTYRENE ACRYLONITRILE * 1-PROPENENITRILE POLYMER with ETHENYLBENZENE (9CI) * REXENE 106 * RMD 4500 * RONFALIN S * SANKEIKUSU * SAN-C * SANREX * SANREX C * SANREX SANC * SANREX SAN-H * SEPIAN N 050 * SEPIAN N 6000HL * SN 20 * SN 25 * SN 20A * SNP 2 * SN 20P * STYRENE ACRYLONITRILE POLYMER * STYRENE-ACRYLONITRILE COPOLYMER * TERULAN KP 2540 * TERULAN KR 2540 * THERMOCOMP B9 * TROLITUL AN * TROLITUL EN * TYRIL * TYRIL 760 * TYRIL 767 * TYRIL 780 * TYRIL 783 * TYRIL 790 * TYRIL 860 * TYRIL 867 * TYRILFOAM

TOXICITY DATA AND REFERENCES:
1L30 orl-rat LD50:1800 mg/kg CEHYAN 25,22,80
1L30 orl-mus LD50:1000 mg/kg CEHYAN 25,22,80

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:NO DATA IARC** 19.97.79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ACRYLONITRILE-STYRENE-BUTADIENE RESIN see: AT6970000
ACRYLONITRILE-STYRENE COPOLYMER see: AT6978000
ACRYLONITRILE-STYRENE POLYMER see: AT6978000
ACRYLONITRILE-STYRENE RESIN see: AT6978000
ACRYLONITRILE, TRIPHENYL- (8CI) see: AT7100000

AT7100000 ACRYLONITRILE, 2,3,3-TRIPHENYL-
UPDT 8401 CAS: 6304-33-2 MW: 281.37 MOLFM: C21-H15-N

BEST COPY AVAILABLE

SYN: ACRYLONITRILE, TRIPHENYL (8CI) * BENZENEACETIC ACID, alpha-(DIPHENYLMETHYLENE)-, (9CI) * alpha beta DIPHENYLCINNAMONITRILE * TRIPHENYLETHANOETHYLENE * TRIPHENYLACRYLONITRILE * alpha beta beta-TRIPHENYLACRYLONITRILE * 2,3,3-TRIPHENYLACRYLONITRILE

TUMORIGENIC DATA AND REFERENCES:
2VOIP62 scu-mus TDLo:94 mg/kg/26W-I MMJJAI 11,95,61

TOXICITY DATA AND REFERENCES:
orl-rat LD50:284 mg/kg TXAPA9 14,340,69
* ivn-mus LD50:180 mg/kg CSLNX* NX#04868

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLOPHENONE see: O86410000
ACRYLOPHENONE, 3'-CHLORO-2,3-DIPHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- see: FL7005000
ACRYLOPHENONE, 3-(p-CHLOROPHENYL)-4'-(2-(DIETHYLAMINO)ETHOXY)-2-PHENYL- see: FL7001000
ACRYLOPHENONE, 3-(o-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- see: FL7004000
ACRYLOPHENONE, 3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- see: FL7006000
ACRYLOPHENONE, 3-(p-CHLOROPHENYL)-2-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)- see: FL7007000
ACRYLOPHENONE, 3-(3,4-DICHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- see: FL7008000

AT7209500 ACRYLOPHENONE, 3',6'-DIMETHOXY-2'-HYDROXY-3-(3-PYRIDYL)-

UPDT:8311 MW: 285.32 MOLFM: C16-H15-N-O4
SYN: 3,6-DIMETHOXY-2-HYDROXY-beta-(3-PYRIDYL)ACRYLOPHENONE * 3,6-DIMETHOXY-2-HYDROXY-3-(3-PYRIDYL)ACRYLOPHENONE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:600 mg/kg JPMSAE 53,1329,64
* ivn-mus LD50:52 mg/kg JPMSAE 53,1329,64

ACRYLOPHENONE, 3,4-DIMETHOXY-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- see: FL7025000

AT7210500 ACRYLOPHENONE, 2',5'-DIMETHOXY-3-(3-PYRIDYL)-

UPDT:8311 MW: 269.32 MOLFM: C16-H15-N-O3
SYN: 2',5'-DIMETHOXY-3-(3-PYRIDYL)ACRYLOPHENONE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg JPMSAE 53,1329,64
* ivn-mus LD50:55 mg/kg JPMSAE 53,1329,64

ACRYLOPHENONE, 2'-HYDROXY-4'-METHOXY-3'-(3-METHYL-2-BUTENYL)-3-PHENYL-, (E)- see: UD5579100
ACRYLOPHENONE, 3-(m-METHOXYPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- see: FL7060000
ACRYLOPHENONE, 3-(3,4-(METHYLENEDIOXY)PHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- see: FL7075000
2-ACRYLOXYETHYL DIMETHYLSULFONIUM METHYL SULFATE see: WR7425000

AT7350000 ACRYLOYL CHLORIDE

UPDT:8400 CAS: 814-68-6 MW: 90.51 MOLFM: C3-H3-Cl-O
SYN: ACRYLIC ACID CHLORIDE * ACRYLYL CHLORIDE * PROPENOYL CHLORIDE * 2-PROPENOYL CHLORIDE (9CI)

TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:25 ppm/4H BJIMAG 27,1,70
* ihl-mus LC50:92 mg/m3/2H 85GMAT -,17,82
* ivn-mus LD50:150 mg/kg CSLNX* NX#03367

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AT7785000 ACRYLOYL CHLORIDE, TRICHLORO-

UPDT:8311 CAS: 815-58-7 MW: 193.83 MOLFM: C3-Cl4-O
SYN: 2-PROPENOYL CHLORIDE, 2,3,4-TRICHLORO- (9CI) * TCAT * TRICHLOROACRYLOYL CHLORIDE * 2,3,3-TRICHLOROACRYLOYL CHLORIDE * TRICHLOROACRYLYL CHLORIDE * TRICHLOROACRYLYL CHLORIDE

IRRITATION DATA AND REFERENCES:
skn-rbt 270 ug MLD XEURAQ MDDC-1715
eye-rbt 2560 ug SS MLD XEURAQ MDDC-1715

MUTATION DATA AND REFERENCES:
mmo-sat 1 uL/plate MUREAV 117,21,83
mma-sat 1 uL/plate MUREAV 117,21,83

TOXICITY DATA AND REFERENCES:
ihl-rat LC50:107 ppm/30M XEURAQ MDDC-1715
ipr-rat LD50:750 mg/kg XEURAQ MDDC-1715
scu-rat LDLo:1500 mg/kg XEURAQ MDDC-1715
ihl-mus LCLo:67 ppm/30M XEURAQ MDDC-1715
ihl-rbt LCLo:67 ppm/30M XEURAQ MDDC-1715

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACRYLOYLLUPINE see: OK5804000
2-(ACRYLOYLOXY)ETHANOL see: AT1750000
ACRYLSAEUREAETHYLESTER (German) see: AT0700000
ACRYLSAEUREMETHYLESTER (German) see: AT2800000

AT7820000 ACRYLSULFACRIN

UPDT:0405 CAS: 82114-89-4
SYN: ARRILSULFAKRIN

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg FHFZAN 16(4),438,82

ACRYLYL CHLORIDE see: AT7350000
ACRYPET see: TR0400000
ACRYPET M 001 see: TR0400000
ACRYPET V see: TR0400000
ACRYPET VH see: TR040000U
ACRYSOL A 1 see: AT4680000
ACRYSOL A 3 see: AT4680000
ACRYSOL A 5 see: AT4680000
ACRYSOL AC 5 see: AT4680000
ACRYSOL ASE see: TR0400000
ACRYSOL ASE-75 see: AT4680000
ACRYSOL WS-24 see: AT4680000
ACS see: AT6978000
ACS see: MO6300000
ACT see: AU1575000
ACTAMER see: SN0525000
ACTAMOL see: MV3650000
ACTASAL see: GA6475000
ACTB see: MT0250000
ACT D see: AU1575000
ACTEDRON see: SH9450000
ACTELLIC see: TF1410000
ACTELLIFOG see: TF1410000
ACTEMIN see: SI0875000
ACTEROL see: QE7400000
ACTH see: GM7900000
ACTHAR see: GM7900000
[AC-D-THI(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6)]-LHRH see: OK6392000
[AC-D-THI(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6)]-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6392000
ACTI-AID see: MA4375000
ACTICARBONE see: FF5250100
ACTICEL see: VV7310000
ACTIDION see: MA4375000
ACTIDIONE see: MA4375000
ACTIDIONE PM see: MA4375000
ACTIDIONE TGF see: MA4375000
ACTIDONE see: MA4375000
ACTINE see: YI2800000
ACTINOBOLIN see: NQ7800000
ACTINOCHRYSIN see: AU1400000

AU0180000 ACTINODAPHNE ANGUSTIFOLIA Nees., leaf extract

DEF: Indian plant belonging to the family LAURACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: PISA LEAF EXTRACT

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:75 mg/kg IJEBA6 6,232,68

AU0350000 ACTINOLEUXIN

UPDT:8308 CAS: 9008-47-3 MOLFM: (C9-H12-N2-O3)n

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1500 ug/kg JAJAAA 7,125,54
* ivn-mus LD50:1 mg/kg 85GDA2 4(2),83,80

ACTINOLITE see: CI6475000

AU0700000 ACTINOMYCIN

UPDT:8411 CAS: 1402-38-6
SYN: AURANTIN * ONCOSTATIN

MUTATION DATA AND REFERENCES:
oms-ami 1250 ug/L SOGEBZ 4,100,68
cyt-hmn:lym 200 ug/L/2H CCPHD7 3,143,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ivn-rat TDLo:150 ug/kg (9D preg) TJADAB 30(1),32A,84
1T47 ivn-rat TDLo:165 ug/kg (9D preg) TJADAB 30(1),32A,84

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1 mg/kg JPETAB 74,25,42
ipr-rat LDLo:1 mg/kg JPETAB 74,25,42
scu-rat LDLo:1 mg/kg JPETAB 74,25,42
ivn-rat LDLo:1 mg/kg JPETAB 74,25,42
orl-mus LDLo:10 mg/kg JPETAB 74,25,42
ipr-mus LDLo:1 mg/kg TDKNAF 14,60,55
scu-mus LDLo:250 ug/kg JPETAB 74,25,42
ivn-mus LDLo:250 ug/kg JPETAB 74,25,42
orl-rbt LDLo:1 mg/kg JPETAB 74,25,42
ipr-rbt LDLo:1 mg/kg JPETAB 74,25,42
scu-rbt LDLo:1 mg/kg JPETAB 74,25,42
ivn-rbt LDLo:1 mg/kg JPETAB 74,25,42

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACTINOMYCIN 1 see: AU1575000
ACTINOMYCIN II see: AU1620000

AU0830000 ACTINOMYCIN III

UPDT:8308 CAS: 60649-11-8 MW: 1229.56 MOLFM: C60-H84-N12-O16
SYN: NSC 236661

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 ug/kg 85FZAT -,101,87
* ivn-mus LD50:750 ug/kg 85GDA2 4(2),46,80

ACTINOMYCIN IV see: AU1575000
ACTINOMYCIN A II see: AU1620000
ACTINOMYCIN A IV see: AU1575000
ACTINOMYCIN 1048A see: AU1925000

AU1080000 ACTINOMYCIN D, 7-AMINO-

UPDT:8308 CAS: 7240-37-1 MW: 1270.62 MOLFM: C62-H87-N13-O16
SYN: 7-AMINOACTINOMYCIN D

MUTATION DATA AND REFERENCES:
dnd-mam:lym 3 umol/L JMCMAR 26,448,83

AU1400000 ACTINOMYCIN C

UPDT:8310 CAS: 8052-16-2 MW: 1260.62 MOLFM: C62-H89-N11-O17
SYN: ACTINOCHRYSIN * CACTINOMYCIN * mixture of DACTINOMYCIN (10%), ACTINOMYCIN C2 (45%), and ACTINOMYCIN C3 (45%) * HBF 386 * NSC 18 268 * SANAMICIA * SANAMYCIN * SANDAMYCIN

MUTATION DATA AND REFERENCES:
esc-esc 120 mg/L ZAPOAK 8,139,68
dni-hmn:oth 475 ug/L 26QZAP 2,395,72
oms-hmn:oth 47 ug/L 26QZAP 2,395,72
dni-hmn:oth 475 ug/L 26QZAP 2,395,72
oms-hmn:oth 47 ug/L 26QZAP 2,395,72
cyt-mam:oth 500 ug/L PHMCAA 12,280,70

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T26T34T35 scu-rat TDLo:350 ug/kg (6-10D preg) OSDIAF 14,107,65
2T42T53 scu-rat TDLo:350 ug/kg (6-10D preg) OSDIAF 14,107,65

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:100 mg/kg ARZNAD 20,1461,70
par-rat LD50:100 mg/kg RRCRBU 52,76,75
unk-rat LD10:90 ug/kg CNCRA6 50,219,66
ipr-mus LDLo:5 mg/kg TDKNAF 14,60,55
* ivn-mus LD50,1 mg/kg 85GDA2 4(2),53,80
unk-mus LD10:90 ug/kg CNCRA6 50,219,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, ARVPAX 5,447,65
★ CARCINOGENIC REVIEW:ANIMAL NEGATIVE IARC** 10,29,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACTINOMYCIN C1 see: AU1575000
ACTINOMYCIN I1 COSMEGEN see: AU1575000

AU1575000 ACTINOMYCIN D

UPDT:8412 CAS: 50-76-0 MW: 1255.60 MOLFM: C62-H86-N12-O16
SYN: ACT * ACT D * ACTINOMYCIN I * ACTINOMYCIN IV * ACTINOMYCIN A IV * ACTINOMYCIN C1 * ACTINOMYCIN I1 COSMEGEN * ACTINOMYCIN (thr-) VAL-PRO-SAR-MEVAL * ACTINOMYCIN X 1 * AD * COSMEGEN * DACTINOMYCIN * DACTINOMYCIN D * DILACTONE ACTINOMYCIN D ACID * DILACTONE ACTINOMYCINDIOIC D ACID * MERACTINOMYCIN * NSC-04682 * NSC 3054 * ONCOSTATIN K

IRRITATION DATA AND REFERENCES:
skn-rbt 5 mg 24H rns TXCYAC 14,117,79

MUTATION DATA AND REFERENCES:
dnd-sat 250 ug ABBIA4 120,292,67
dnd-sat 20 ng ECEBDI 50,271,82
dnd-esc 8 umol/L 88ACAQ 166,722,68
mma-bcs 12 mg/L MUREAV 95,191,82
dnr-bcs 20 uL/disc MUREAV 97,1,82
dnd-ami 8 umol/L 88ACAQ 166,722,68

dnd-omi 8 umol/L
oms-omi 500 ug/L
dni-omi 1 mg/L
dni-omi 1250 ug/L
mmo-nsc 5 mg/L
mrc-smc 62500 ug/L
mmo-asn 8 umol/L
oms-asn 5 mg/L
sln-asn 24 umol/L
dnd-sal:spr 100 mmol
dnd-nml:tes 16 umol/L
oms-nml:lng 50 mg/L
cyt-nml-par 12500 ug/L
dnd-hmn:hla 400 ug/L/15M
dnd-hmn:oth 10 ug/L
oms-hmn:oth 40 ug/L
dni-hmn:oth 300 pmol/L
dni-hmn:oth 10 ug/L/2H-C
dni-hmn:hla 700 nmol/L
dni-hmn:oth 40 mg/L
oms-hmn:hla 5 mg/L
cyt-hmn:lym 200 ug/L/2H
cyt-hmn:leu 200 ug/L/24H
cyt-hmn:hla 250 ug/L/1H
msc-hmn:fbr 1 mg/L
dnd-rat-ipr 100 ug/kg
dnd-rat:lvr 100 mg/L
dnd-rat:lym 16 umol/L
oms-rat-ivn 20 ug/kg
oms-rat-ipr 2 mg/kg
dni-rat:ast 5 mg/L
oms-rat:oth 150 mg/L
oms-ckn:emb 5 ug/L
oms-rat-par 50 ug/kg
cyt-rat-ivn 250 mg/kg
cyt-rat-ipr 1250 ug/kg
spm-rat-par 100 ug/kg
mnt-mus-ipr 1 mg/kg
dns-mus:lvr 500 nmol/L
otr-mus:emb 100 ug/L
otr-mus:fbr 100 ng/L
oms-mus:mmr 2 mg/L
dns-mus:mmr 2 mg/L
dnd-mus:ast 40 umol/L
dnd-mus/ast 800 ug/kg
dnd-mus:mmr 20 mg/L
dnd-mus:leu 1500 ug/L
oms-mus:oth 2 mg/L
dni-mus:oth 50 mg/L
dni-mus:leu 800 mg/L
dni-mus-ivn 750 ug/kg
dni-mus-ipr 20 gm/kg
dni-mus:lym 40 ug/L
dni-mus:emb 10 ug/L
oms mus:lym 40 ug/L
oms-mus:leu 800 mg/L
oms-mus:ast 1 umol/L
oms-mus:fbr 200 ug/L
oms-mus-scu 3 mg/kg 3D-I
oms-mus-spr 1330 ug/kg
cyt-mus-par 1 mg/kg
cyt-mus:fbr 100 ug/L
cyt-mus:lym 40 ug/L
cyt-mus:oth 200 ug/L/4H-C
spm-mus-ipr 1 mg/kg/5D
spm-mus-ivn 1 mg/kg
dnd-ham:lng 2500 ug/L
dnd-ham:ovr 5 mg/L
dni-ham:oth 80 ug/L
oms-ham:oth 2400 ug/L
dni-ham:ovr 5 mg/L
oms-ham:ovr 250 ug/L
oms-ham:oth 2400 ug/L
cyt-ham:lng 20 ug/L
cyt-ham-par 16 ug/kg
cyt-ham:emb 50 ug/L
cyt-ham:ovr 100 ug/L
cyt-ham-fbr 1 mg/L
cyt-ham:oth 100 ug/L
sce-ham-fbr 1 mg/L
sce-ham:ovr 10 ug/L
msc-ham:lng 10 ug/L
msc-ham:ovr 40 ug/L
spm-ham-par 16 ug/kg
dnd-mky:kdy 5 mg/L
dnd-brd:leu 1 mmol/L
dnd-brd:lvr 1 mmol/L
dnd-brd:kdy 1 mmol/L
dnd-brd:oth 1 mmol/L
dni-mky:kdy 10 ug/L
oms-ckn-fbr 25 ug/L
dni-ckn-fbr 25 ug/L
oms-ckn-fbr 25 ug/L
cyt-ckn-emb 28 mg/L
cyt-ckn-fbr 25 ug/L
dnd-mam:lym 8 umol/L
dnd-mam:spr 1 mg/L
oms-rbt:kdy 330 ug/L
dni-ckn:emb 100 ug/L
cyt-mam:oth 1 mg/L

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1I25 orl-rat TDLo:250 ug/kg (13D preg)
3I26T34T39 ipr-rat TDLo:70 ng/kg (12D preg)
2I46T59 ipr-rat TDLo:70 ng/kg (8D preg)
1I85 ipr-rat TDLo:100 ug/kg (18-19D preg)
3I25T34T35 ipr-rat TDLo:150 ug/kg (8D preg)
3I41T42T43 ipr-rat TDLo:150 ug/kg (8D preg)
2I46T35 scu-rat TDLo:200 ug/kg (12D preg)
1I26 unk-rat TDLo:200 ug/kg (10D preg)

BBACAQ 166,722.68
VIRLAX 37,335.69
NNBYA7 232,143.71
AMACCQ 4,376,73
MUREAV 33,187.75
MUREAV 89,229.81
PHYTAJ 66,217.76
MCBIA7 35,197.82
EVHPAZ 31,81.79
ABBIA4 120,292.67
JULRA7 47,179.74
CARYAB 28,201.75
CARYAB 27,339.74
ECREAL 103,175.76
NATUAS 250,786.74
BBRCA9 52,928.73
CNREAB 44,2421.84
NATUAS 250,786.74
RASSAE 37,334.69
EXPEAM 29,1390.73
JANTAJ 29,1334.76
CCPHD2 3,143.79
ECREAL 39,296.65
ECREAL 29,296.65
CNJGAB 21,435.79
CNREAB 36,4647.76
ABBIA4 138,272.70
JULRA7 47,179.74
ECREAL 51,423.68
BBACAQ 782,262.84
JANTAJ 26,369.73
CNREAB 29,318.69
CNREAB 29,1707.69
JJPHAM 33,129.83
JELJA7 22,205.73
ECFLAL 63,117.70
HERAAY 88,75.78
MUREAV 120,127.83
CNREAB 44,2918.84
CNREAB 37,2202.77
CNREAB 36,2065.76
CNREAB 29,391.69
CNREAB 29,391.69
BBACAQ 374,96.74
RCOCB8 10,51.75
JOBIAO 84,145.78
BBACAQ 654,129.81
CNREAB 29,391.69
BBACAQ 425,1.76
BIOJAU 9,1427.69
CNREAB 38,3286.78
ARGEAR 51,605.81
EXPEAM 29,1390.73
EXPEAM 29,1390.73
EXPEAM 29,1390.73
BIOJAU 9,1427.69
CNREAB 35,3054.75
SCIEAS 134,556.61
JCLBA3 42,571.69
ICLBA3 30,13.66
NULSAK 2,161,71
MUREAV 33,417.75
EXPEAM 29,1390.73
JCLBA3 42,571.69
PNASA6 72,4425.75
CNREAB 42,122.82
URBA3 22,313,72
PNASA6 75,6088.78
ECREAL 92,23.75
CBINAB 14,57.76
PNASA6 75,6088.78
JNCIAM 59,1685.77
CBINAB 14,57.76
GMCRDC 27,95.81
JRPFA4 39,41.74
CNREAB 37,2202.77
ENMUDM 2,455.80
CHROAU 50,79.75
SOGEB2 12,304.76
CNREAB 39,797.79
CNREAB 43,577.83
CNREAB 36,2065.76
MUREAV 94,449.82
JRPFA4 39,41.74
BBACAQ 287,330.72
NNBYA7 243,20.73
NNBYA7 243,20.73
NNBYA7 243,20.73
NNBYA7 243,20.73
EXPEAM 29,1390.73
ABILAE 81,165.70
ABILAE 81,165.70
ABILAE 81,165.70
ANREAK 175,504.73
ABILAE 81,165.70
BBACAQ 166,722.68
ECREAL 58,435.69
ECREAL 36,92.84
ARZNAD 25,378.75
CHROAU 50,79.75

CYGEDX 8(6),44.74
AOGLAR 23,219.76
AOGLAR 23,219.76
TJADAB 17,44A,78
SEIJBO 11,5,71
SEIJBO 11,5,71
PSEBAA 157,553.78
TJADAB 19,43A,79

1I29 ipr-mus TDLo:200 ug/kg (2D preg) ARZNAD 28,1733.78
3I25T34T35 ipr-mus TDLo:100 ug/kg (8D preg) SEIJBO 11,5,71
2I42T43 ipr-mus TDLo:150 ug/kg (8D preg) SEIJBO 11,5,71
1I46 ipr-mus TDLo:100 ug/kg (6D preg) DABBBA 39,1624.78
1I45 ipr-mus TDLo:214 ug/kg (5-7D preg) APJAAG 18,267.68
1I01 ivn-mus TDLo:300 ug/kg (1D male) CNREAB 42,122.82
1I29 par-rbt TDLo:5 ug/kg (1D preg) ENDOAO 79,858.66
1I19 iut-rbt TDLo:50 ug/kg (1D preg) BIREBV 11,421.74
1I14 iut-gpg TDLo:40 ug/kg (1D pre) JRPFA4 56,559.79
3I25T45T43 ipr-ham TDLo:100 ug/kg (8D preg) TJADAB 3,33,70
2I41I46 ipr-ham TDLo:100 ug/kg (8D preg) TJADAB 3,33,70
1I29 ipr-ham TDLo:200 ug/kg (7-8D preg) TXCYAC 1,131.73
1I01 itt-ham TDLo:16 ug/kg (1D male) BIREBV 8,335.73

TUMORIGENIC DATA AND REFERENCES:

2V01V10 ipr-rat TDLo:2630 ug/kg/17W-I CNREAB 30,2271.70
2V03V10 scu-mus TDLo:280 ug/kg/18W-I APJAAG 17,495.67
2V02V10 ipr-rat TD :1700 ug/kg/26W-I RRCRBU 52,1.75

TOXICITY DATA AND REFERENCES:

1R03 ivn-hmn TDLo:40 ug/kg/4D-I NEJMAG 281,1094.69
2K30P26 unk-man TDLo:15 ug/kg CNCRA6 50,219.66
2K12P30 orl-rat LD50:7200 ug/kg ANYAA9 89,348.60
" ipr-rat LD50:100 ug/kg AOGLAR 23,219.76
2K12P30 scu-rat LD50:800 ug/kg ANYAA9 89,348.60
2K12P30 ivn-rat LD50:460 ug/kg ANYAA9 89,348.60
2K12P30 orl-mus LD50:13 mg/kg ANYAA9 89,348.60
2P26S05 ipr-mus LD50:750 ug/kg CTRRDO 61,103.77
" scu-mus LD50:500 ug/kg BSERAY 2,1268.78
" ivn-mus LD50:1000 ug/kg BSERAY 2,1268.78

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLPTAT 5,480.64; 32XPAD -,49.75; JPETAB 144,429.64; ARVPAX 5,447.65; ADVPA3 4,263,66; DMCNAW 7,353.65; CRTXB2 2,159.73
★ CARCINOGENIC REVIEW ANIMAL POSITIVE IARC** 10.29.76

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED,RESULTS POSITIVE,RAT (RRCRBU 52,1.75)
★ NCI CARCINOGENESIS STUDY COMPLETED,RESULTS NEGATIVE,MOUSE (RRCRBU 52,1.75)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AU1597000 ACTINOMYCIN D, 7-((3,4-DICHLOROBENZYL)AMINO)-

UPDT:8308 CAS: 84174-12-9 MW: 1429.63 MOLFM: C68 H91 Cl2 N13 O16
SYN: 7-((3,4-DICHLOROBENZYL)AMINO)-ACTINOMYCIN D

MUTATION DATA AND REFERENCES:

dnd-mam:lym 3 umol/L JMCMAR 26,448.83

AU1620000 ACTINOMYCIN D, 3(sup A)-(N-METHYLGLYCINE)-3(sup B)-(N-METHYLGLYCINE)-

UPDT:8308 CAS: 2640-41-5 MW: 1203.52 MOLFM: C58 H82 N12 O16
SYN: ACTINOMYCIN II ; ACTINOMYCIN A-II

TOXICITY DATA AND REFERENCES:

" ipr-mus LD50:6 mg/kg 38KLAC -,427.77

AU1625000 ACTINOMYCIN D, 7-((2-PYRROLYLMETHYL)AMINO)-

UPDT:8308 CAS: 67230-67-5 MW: 1349.13 MOLFM: C67 H92 N14 O16
SYN: 7-((2-PYRROLYLMETHYL)AMINO)-ACTINOMYCIN D

MUTATION DATA AND REFERENCES:

dnd-mam:lym 3 umol/L JMCMAR 26,448.83

AU1660000 ACTINOMYCIN F1

UPDT:8403 CAS: 1402-44-4 MW: 1209.38 MOLFM: C58 H88 N12 O16
SYN: ACTINOMYCIN X54 ; X54

TOXICITY DATA AND REFERENCES:

" ipr-mus LD50:1 mg/kg BSGDA2 4(2),66.80
" ivn-mus LD50:8 mg/kg 38KLAC -,427.77

ACTINOMYCIN X54 see: AU1660000

AU1830000 ACTINOMYCIN L

UPDT:8401
SYN: ACTINOMYCIN 2104 L

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-mus TDLo:4725 ug/kg/35W-I BKNJA5 2,105.59

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW ANIMAL POSITIVE IARC** 10.29.76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ACTINOMYCIN 2104 L see: AU1830000

AU1925000 ACTINOMYCIN S

UPDT:8401 CAS: 12623-78-8
SYN: ACTINOMYCIN 1048A

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-mus TDLo:240 ug/kg/16W-I BKNJA5 2,105.59
2V02V10 scu-mus TD :280 ug/kg/18W-I APJAAG 17,495.67

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW ANIMAL POSITIVE IARC** 10.29.76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AU1925500 ACTINOMYCIN S3

UPDT:8408 CAS: 11097-67-9

MUTATION DATA AND REFERENCES:

oms-rat-par 250 ug/kg JJPHAM 33,129.83
dni-mus-ast 20 umol/L CPBTAL 17,105.69
oms-mus-ast 20 umol/L CPBTAL 17,105.69
dnd-mam:lym 100 umol/L CPBTAL 17,105.69

ACTINOMYCIN thro-VAL-PRO-SAR-MEVAL see: AU1575000
ACTINOMYCIN X 1 see: AU1575000

AU2200000 ACTINOPTERIS DICHOTOMA Bedd. extract

DEF: Indian plant belonging to the family POLYPODIACEAE (JEBA6 15,208.77)
UPDT:8408

TOXICITY DATA AND REFERENCES:

" ipr-mus LD50:750 mg/kg JEBA6 15,208.77

Ac alpha-THIOISOBUTIRRICO (Italian) see: 127230000
ACTISPRAY see: MA4375000
ACTIVATED ALUMINUM OXIDE see: BD1200000
ACTIVATED CARBON see: FF5250100
ACTIVATED CARBON (DOT) see: FF5250100
ACTIVE ACETYL ACETATE see: AK5250000
ACTIVE DICUMYL PEROXIDE see: SD8150000
ACTIVOL see: SJ5075000
ACTOMOL see: MV5650000
ACTON see: GM7900000
ACTONAR see: GM7900000
ACTOR Q see: DK4900000
ACTOZINE see: DD2800000
ACTOZINE see: UB9275000
ACTRAPID see: NN4889000
ACTRIN see: DI4025000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

(N-AC-D-TRP(sup 1,3)-D-p-Cl-PHE(sup 2)-D-ARG(sup 6)-D-ALA(sup 10))-LHRH see: OK6393000LUTEINIZING HORMONE-RELEASING HORMONE, (N-AC-D-TRP(sup 1,3)-D-p-Cl-PHE(sup 2)-D-ARG(sup 6)- DALA(sup 10))-
(N-AC-DL-TRP(sup 1)-D-p-Cl-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6)-D-ALA(sup 10))-LHRH see: OK6390000
(AC-D-TRP(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LHRH see: OK6397000
(AC-D-TRP(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6397000
AC-TRY see: YN6160000
ACTYBARYTE see: CR0600000
ACTYLOL see: OD5075000
ACUCURBIT see: UK9596000
ACUPAN see: DM4200000
ACYCLOGUANOSINE see: UO7504000
ACYCLOVIR see: UO7504000

AU3230000 ACYLAMIDE, N,N-DIMETHYL-
UPDT.6311 CAS: 2680-03-7 MW: 99.15 MOLFM: C5-H9-N-O
SYN: N,N-DIMETHYLACRYLAMIDE * 2-PROPENAMIDE, N,N-DIMETHYL- (9CI)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:700 mg/kg 14CYAT 2,1833.63
orl-mus LD50:677 mg/kg ARTODN 47,179,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ACYLATE see: FD7430000
ACYLATE-1 see: FD7430000 CARBANILIC ACID, N-ACETOXY-, ISOPROPYL ESTER
ACYLPYRIN see: VO0700000
ACYTOL see: OD5075000
AD see: AU1575000
AD 1 see: BD0330000
A-200 see: MG0185000
AD 32 see: AV9850000
AD 41 see: QI9428000
AD-106 see: GU6940000
AD 123 see: CK2820000 ATROPINIUM, N-OCTYL-, BROMIDE
AB 123 see: UU4725100
AD 126 see: UU3880000
AD 128 see: UU2740000
AD 136 see: UU4025300
AD 138 see: UU4170000
AD-205 see: BQ2050200
AD-1590 see: HQ4083000
AD 108a see: UU4722000
AD 112a see: UU3865500
AD 126a see: UU3879900
AD 128a see: UU2739900
AD 116a see: UU4150000
ADAB see: BX5020000
ADAKANE 13 see: JR2125000
ADALAT see: US7975000
ADALIN see: YS2975000
1-ADAMANTAMINE see: YD1725000
1-ADAMANTANAMINE see: YD1925000
ADAMANTANAMINE HYDROCHLORIDE see: AU4375000

AU4375000 1-ADAMANTANAMINE, HYDROCHLORIDE
UPDT.8403 CAS: 665-66-7 MW: 187.74 MOLFM: C10-H17-N-Cl-H
SYN: ADAMANTANAMINE HYDROCHLORIDE * ADAMANTINE * ADAMANTINE HYDROCHLORIDE * ADAMANTYLAMINE HYDROCHLORIDE * 1-ADAMANTYLAMINE HYDROCHLORIDE * AMANTADINE HYDROCHLORIDE * AMAZOLON * AMINOADAMANTANE HYDROCHLORIDE * 1-AMINOADAMANTENE HYDROCHLORIDE * ESP 100-1 * MANTADAN * MANTADIX * MIDANTANE * MYDANTANE * NSC 83653 * SYMMETREL * TRICYCLO(3.3.1.1(sup 3,7))DECAN-1-AMINE, HYDROCHLORIDE (9CI) * VIROFRAL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2I24T25 orl-rat TDLo:1100 mg/kg (5D pre/1-6D preg) TXAPA9 17,272.70

TOXICITY DATA AND REFERENCES:
orl-rat LD50:890 mg/kg TXAPA9 15,642.69
ipr-rat LD50:150 mg/kg TXAPA9 15,642.69
orl-mus LD50:700 mg/kg TXAPA9 15,642.69
ipr-mus LD50:205 mg/kg TXAPA9 15,642.69
ivn-mus LD50:97 mg/kg T APAZ 15,642.69
orl-gpg LD50:360 mg/kg TXAPA9 15,642.69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AU4375200 1-ADAMANTANAMINE, N-ISOBUTYL-, HYDROCHLORIDE
UPDT.8405 CAS: 23479-44-9 MW: 243.86 MOLFM: C14-H25-N-Cl-H
SYN: N-ISOBUTYL-1-ADAMANTANAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:95 mg/kg LZAVAL (9),126.69

AU4375300 1-ADAMANTANAMINE, N-ISOPROPYL-, HYDROCHLORIDE
UPDT.8405 CAS: 3667-91-2 MW: 229.83 MOLFM: C13-H23-N-Cl-H
SYN: N-ISOPROPYL-1-ADAMANTANAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:90 mg/kg LZAVAL (9),126.69
(+)-1-ADAMANTANECARBOXYLIC ACID 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER see: YM4010000

AU4717000 1-ADAMANTANEMETHYLAMINE, alpha-METHYL-, HYDROCHLORIDE
UPDT.8407 CAS: 1501-84-4 MW: 215.80 MOLFM: C12-H21-N-Cl-H
SYN: EAF 126 * JF 61 * MERADAN * MERADANE * alpha-METHYL-1-ADAMANTANEMETHYLAMINE HYDROCHLORIDE * alpha-METHYLTRICYCLO(3.3.1.1(sup 3,7))DECANE-1-METHANAMINE HYDROCHLORIDE * REMANTADIN * RIMANTADINE HYDROCHLORIDE * TRICYCLO(3.3.1.1(sup 3,7))DECANE-1-METHANAMINE, alpha-METHYL-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:640 mg/kg YOONAW 28(9),23.82
3F17F29U26 ipr-rat LD50:135 mg/kg KHFZAN 11(6),73.77

ADAMANTINE see: AU4375000
ADAMANTINE HYDROCHLORIDE see: AU4375000
ADAMANTYLAMINE HYDROCHLORIDE see: AU4375000
1-ADAMANTYLAMINE HYDROCHLORIDE see: AU4375000
2-(2-ADAMANTYLAMINO)ETHANOL HYDROCHLORIDE see: KJ5137000
N-1-ADAMANTYL-N-(2-(DIMETHYLAMINO)ETHOXY)ACETAMIDE HYDROCHLORIDE see: AB4310000
1-ADAMANTYL (4-(o-METHOXYPHENYL)-1-PIPERAZINYL)METHYL KETONE MONOHYDROCHLORIDE see: OB1078400
5-(1-ADAMANTYL)-3-METHOXY-as-TRIAZINE see: XY2967000
1-(1-ADAMANTYL)-3-METHYL-3-NITROSOUREA see: YR7780000
1-(2-ADAMANTYL)-3-METHYL-3-NITROSOUREA see: YR7785000
5-(1-ADAMANTYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY2967500
1-(1-ADAMANTYL)PIPERAZINE see: TK7918070
alpha-1-ADAMANTYL-1-PIPERIDINEETHANOL HYDROCHLORIDE see: TM8058000
1-ADAMANTYL PIPERIDINOMETHYL KETONE HYDROCHLORIDE see: OB1078630
N-(2-ADAMANTYL)-2-PYRROLIDIMONE see: UY5718000
N-(2-ADAMANTYL)-2-PYRROLIDONE see: UY5718000
ADAMSITE see: SG0680000
ADANON see: MJ5950000
ADANON HYDROCHLORIDE see: MJ6130000
ADANON HYDROCHLORIDE see: MJ6300000
ADANTON HYDROCHLORIDE see: UU8568000
ADAPIN see: HQ4375000
ADAPTOL see: CB0770000 delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL
AD 116c see: UU4148000
AD 126C see: UU3879800
ADC AURAMINE O see: BY3675000
ADC BRILLIANT GREEN CRYSTALS see: BP6825000
ADCHNON S see: NL7935000
S-ADCHNONE see: NL7935000
ADC PERMANENT RED TONER R see: QL3436000
ADC RHODAMINE B see: BP3675000
ADC TOLUIDINE RED B see: QK4247000
ADDEX-THAM see: TY2900000
ADDISOMNOL see: YS2975000
ADDITIN 30 see: QM4500000
ADE see: AU6125000
ADELFAN see: ZG0350000

AU6072000 ADELOCARYUM COELESTINUM (Lindl.) Brund., extract
DEF: Indian plant belonging to the family BORAGINACEAE (IJEBA6 12,512.74)
UPDT.8302

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:80 mg/kg IJEBA6 12,512.74

ADELPHANE see: ZG0350000
ADELPHIN see: ZG0350000
ADELPHIN-ESIDREX-K see: ZG0350000
ADEMINE see: UO3470000

AU6090000 ADENANTHERA PAVONINA Linn., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208.77)
UPDT.8408
SYN: MANJADI, extract

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:750 mg/kg IJEBA6 15,208.77

ADENEX see: CI7650000

AU6125000 ADENINE
UPDT.8303 CAS: 73-24-5 MW: 135.15 MOLFM: C5-H5-N5
SYN: ADE * ADENINIMINE * 6-AMINOPURINE * 6-AMINO-1H-PURINE * 6-AMINO-3H-PURINE * 6-AMINO-9H-PURINE * 1,6-DIHYDRO-6-IMINOPURINE * 3,6-DIHYDRO-6-IMINOPURINE * LEUCO-4 * 1H-PURIN-6-AMINE * PURINE, 6-AMINO- * 1H-PURINE, 6-AMINO- * 9H-PURINE, 1,6-DIHYDRO-6-IMINO- * USAF CB-18 * VITAMIN B4

MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583.72
mrc-ch 200 mg/L MUREAV 4,147.67
cyt-mus-ipr 10 mmol/L NULSAK 17,199.74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T42 ipr-rat TDLo:300 mg/kg (10D preg) OFAJAE 49,47.72
1T53 ipr-rat TDLo:300 mg/kg (12D preg) OFAJAE 49,47.72
3T25T31T35 ipr-mus TDLo:200 mg/kg (10D preg) OFAJAE 49,75.72
3T41T43T46 ipr-mus TDLo:200 mg/kg (10D preg) OFAJAE 49,75.72
1T50 ipr-mus TDLo:200 mg/kg (9D preg) SEIJBO 11,120,71

TOXICITY DATA AND REFERENCES:
orl-rat LD50:745 mg/kg BSESA3 9,20,76
ipr-rat LD50:198 mg/kg JPETAB 104,20,52
orl-mus LD50:783 mg/kg NIIRDN 6,19,82
ipr-mus LD50:100 mg/kg NTIS** AD277-689

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AU6200000 ADENINE, 9-beta-D-ARABINOFURANOSYL-
UPDT.8403 CAS: 5536-17-4 MW: 267.28 MOLFM: C10-H13-N5-O4
SYN: ADENINE ARABINOSIDE * ARA-A * 9-beta-D-ARABINOFURANOSYLADENINE * ARABINOSYLADENINE * beta-D-ARABINOSYLADENINE * 9-ARABINOSYLADENINE * CI-673 * VIDARABIN * VIDARABINE

IRRITATION DATA AND REFERENCES:
eye-rbt 1% IYKEDH 13,561,82
skn-gpg 1% MLD IYKLDH 13,561,82

MUTATION DATA AND REFERENCES:
dni-hmn:lym 400 nmol/L CNREAB 40,1405,80
dni-hmn:oth 1 mmol/L BBACAQ 696,15,82
dni-hmn:oth 500 umol/L CNREAB 41,2483,81
oms-hmn:leu 100 umol/L CNREAB 24,1302,64
cyt-hmn-ivn 2500 ug/L DABBBA 35,4518,75
cyt-hmn:leu 5 mg/L DABBBA 35,4518,75
dnd-mus:leu 100 nmol/L CNREAB 43,2000,83
oms-mus:leu 100 nmol/L CNREAB 43,2000,83
dni-mus:leu 12 mg/L CNREAB 37,2282,77
dni-mam:oth 10 umol/L MUREAV 120,139,83
cyt-mam:oth 1 mmol/L MUREAV 120,139,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T43T53T46 ims-rat TDLo:2 gm/kg (6-15D preg) TJADAB 15,231,77
2T25T34 ims-rat TDLo:2 gm/kg (6-15D preg) TJADAB 15,231,77
3T41T42T45 ims-rat TDLo:2500 mg/kg (6-15D preg) TJADAB 15,231,77
2T26T24 ims-rat TDLo:2500 mg/kg (6-15D preg) TJADAB 15,231,77
1T26 ivg-rat TDLo:1316 mg/kg (15-21D preg) TJADAB 15,231,77
3T34T26T46 skn-rbt TDLo:2613 mg/kg (6-18D preg) TJADAB 15,231,77
2T49T43 skn-rbt TDLo:2613 mg/kg (6-18D preg) TJADAB 15,231,77
3T25 skn-rbt TDLo:260 mg/kg (6-18D preg) TJADAB 15,231,77
1T46 ims-rbt TDLo:13 mg/kg (6-18D preg) TJADAB 15,231,77

TOXICITY DATA AND REFERENCES:
3F14K12U01 ivn-hmn TDLo:300 ug/kg JIDIAQ 133,A192,79
3A10F10F19 ivn-hmn TDLo:2 mg/kg JIDIAQ 134,75,76
1L30 ipr-rat LD50:2300 mg/kg ANYAA9 284,6,77
ipr-mus LD50:4460 mg/kg JMCMAR 16,290,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AU6207000 ADENINE, 9-beta-D-ARABINOFURANOSYL-2-FLUORO-
UPDT.8306 MW: 285.27 MOLFM: C10-H12-F-N5-O4
SYN: 9-beta-D-ARABINOFURANOSYL-2-FLUOROADENINE * F-ARA-A

MUTATION DATA AND REFERENCES:
dni-hmn:lym 1500 nmol/L CNREAB 40,1405,80
dni-mus-ipr 41 mg/kg CNREAB 42,2587,82

AU6210000 ADENINE, 9-beta-D-ARABINOFURANOSYL-, MONOHYDRATE
UPDT.8312 CAS: 24356-66-9 MW: 285.30 MOLFM: C10-H13-N5-O4-H2-O
SYN: ADENINE ARABINOSIDE * ARA-A * 9-beta-D-ARABINOFURANOSYLADENINE MONOHYDRATE * 9-beta-D-ARABINOFURANOSYL 9H-PURINE-6-AMINE MONOHYDRATE * CI-673 * 9H-PURIN-6-AMINE, 9-beta-D-ARABINOFURANOSYL- MONOHYDRATE * SPONGOADENOSINE * VIDARABINE * VIRA-A

TOXICITY DATA AND REFERENCES:
orl-mus LD50:7950 mg/kg BSESA3 9,APP-3,76

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

ipr-mus LD50:4677 mg/kg B5ESA3 9,APP-3,76

ADENINE ARABINOSIDE see: AU6200000

ADENINE ARABINOSIDE see: AU6210000

AU6256000 ADENINE, 9-(6-DEOXY-beta-D-erythro-HEX-5-ENULOFURANOSYL)-

UPDT:8309 CAS: 2004-04-8 MW: 279.29 MOLFM: C11 H13 N5 O4

SYN: A 16 * ANGUSTMYCIN A * ANTIBIOTIC A 16 * DECOYININ * DECOYININE * 9-(6-DEOXY-beta-D-erythro-HEX-5-ENULOFURANOSYL)ADENINE * 9H-PURIN-6-AMINE, 9-(6-DEOXY-beta-D-erythro-HEX-5-EN-2 ULOFURANOSYL)-

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:2500 mg/kg 85GDA2 5,294,81

ADENINE DEOXYRIBONUCLEOSIDE see: AU7358600

ADENINE DEOXYRIBOSE see: AU7358600

AU6260400 ADENINE, 7,8-DIHYDRO-N-BENZYL-

UPDT:8303 MW: 227.30 MOLFM: C12 H13 N5

SYN: 7,8-DIHYDRO-N-BENZYLADENINE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2100 mg/kg SHBOAO 32,530,78

* scu-rat LD50:480 mg/kg SHBOAO 32,530,78

* orl-mus LD50:2000 mg/kg SHBOAO 32,530,78

* scu-mus LD50:1100 mg/kg SHBOAO 32,530,78

AU6300000 ADENINE, N-HYDROXY-

UPDT:8403 CAS: 5667-20-9 MW: 151.15 MOLFM: C5 H5 N5 O

SYN: NAP * 6-HYDROXYAMINOPURINE * 6-HYDROXYLAMINOPURINE * 6-N-HYDROXYLAMINOPURINE * 1H-PURIN-6-AMINE, N-HYDROXY- (9CI)

MUTATION DATA AND REFERENCES:

mma-nsc 600 mg/L MUREAV 124,61,83

otr-ham.emb 5 mg/L PNASA6 78,5685,81

Jnd-ham.lng 5 mg/L MUREAV 87,355,81

msc-ham.emb 5 mg/L PNASA6 78,5685,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T43T46T53 ipr-rat TDLo:400 mg/kg (11D preg) ARPAAQ 86,395,68

1T35 ipr-rat TDLo:400 mg/kg (11D preg) ARPAAQ 86,395,68

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:800 mg/kg ARPAAQ 86,395,68

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AU6560000 ADENINE, N-METHYL-N-NITROSO-

UPDT:8405 CAS: 21928-82-5 MW: 178.18 MOLFM: C6 H6 N6 O

SYN: 6-(METHYLNITROSAMINO)PURINE * N-METHYL-N-NITROSOADENINE * N-METHYL-N-NITROSO-1H-PURIN-6-AMINE * 6-MNA * 1H-PURIN-6-AMINE, N-METHYL-N-NITROSO- * 1H-PURIN-6-AMINE, N(1)-NITROSO-N(1)-METHYL- (9CI)

TUMORIGENIC DATA AND REFERENCES:

3V01J60L60 orl-mus TDLo:10263 mg/kg/72W-I IJCNAW 24,319,79

2V02J60 orl-mus TD:485 gm/kg/34W-I PAACA3 18,79,77

3V02J60R60 orl-mus TD:15 gm/kg/2Y-I IAPUDO 31,787,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AU6650000 ADENINE 1-OXIDE

UPDT:8401 CAS: 700-02-7 MW: 151.15 MOLFM: C5 H5 N5 O

SYN: ADENINE 1-N-OXIDE

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-rat TDLo:1300 mg/kg/26W-I CNREA8 30,1184,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ADENINE 1-N-OXIDE see: AU6650000

ADENINE RIBOSIDE see: AU7175000

ADENINIMINE see: AU6125000

ADENOCK see: UR0785000

ADENOHYPOPHYSEAL GROWTH HORMONE see: TO7385000

ADENOHYPOPHYSEAL LUTEOTROPIN see: TW2895000

ADENOSIN (German) see: AU7175000

AU7175000 ADENOSINE

UPDT:8403 CAS: 58-61-7 MW: 267.28 MOLFM: C10 H13 N5 O4

SYN: ADENINE RIBOSIDE * ADENOSIN (German) * beta-ADENOSINE * beta-D-ADENOSINE * 6-AMINO-9-beta-D-RIBOFURANOSYL-9H-PURINE * BONITON * MYOCOL * NUCLEOCARDYL * 9-beta-D-RIBOFURANOSIDOADENINE * 9-beta-D-RIBOFURANOSYL-9H-PURIN-6-AMINE * SANDESIN * USAF CB-10

MUTATION DATA AND REFERENCES:

pic-esc 1 gm/L ZAPOAK 12,583,72

oms-hmn.oth 100 umol/L JIDEAE 65,52,75

cyt-mus-ipr 20 mmol/kg NULSAK 17,199,74

dnd-mam.lym 60 mmol/L PNASA6 48,686,62

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:2500 mg/kg ARZNAD 7,24,57

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARZNAD 7,24,57

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

beta-ADENOSINE see: AU7175000

beta-D-ADENOSINE see: AU7175000

AU7337000 ADENOSINE, 3'-AMINO-3'-DEOXY-N,N-DIMETHYL-

UPDT:8309 CAS: 58-60-6 MW: 294.36 MOLFM: C12 H18 N6 O3

SYN: AMINONUCLEOSIDE * AMINONUCLEOSIDE PUROMYCIN * SAN * STYLOMYCIN AMINONUCLEOSIDE

MUTATION DATA AND REFERENCES:

dni-hmn.lng 6 mg/L JCLLAX 81,71,73

oms-hmn.lng 6 mg/L JCLLAX 81,71,73

oms-hmn.lng 6 mg/L JCLLAX 81,71,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27 scu-rat TDLo:105 ug/kg (5-11D preg) NATUAS 195,1209,62

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AU7350000 ADENOSINE, 3'-(alpha-AMINO-p-METHOXYHYDROCINNAMAMIDO)-3'-DEOXY-N,N-DIMETHYL

UPDT:8407 CAS: 53-79-2 MW: 471.58 MOLFM: C22 H29 N7 O5

SYN: ACHROMYCIN * ACHROMYCIN (PURINE deriv.-ative) * 3'-(L-alpha-AMINO-p-METHOXYHYDROCINNAMAMIDO)-3'-DEOXY-N,N-DIMETHYLADENOSINE * (S)-3'-((2-AMINO-3-(4-METHOXYPHENYL)-1-OXOPROPYL)AMINO)-3'-DEOXY-N,N-DIMETHYL-ADENOSINE * CL 13900 * CL 13900 * CL 16536 * 6-DIMETHYLAMINO 9-(3'-(p-METHOXY-L-PHENYLALANYLAMINO)-beta-D-RIBOFURANOSYL)-PURINE * 3123L * 1-MM * NSC 3055 * P-638 * PUROMYCIN * STILLOMYCIN * STYLOMYCIN

MUTATION DATA AND REFERENCES:

dnr-esc 100 ug/disc CNREA8 34,1656,74

cyt-dmg.oth 100 mg/L CLDFAT 2,97,73

dni-hmn.hla 500 ug/L JCLLAX 98,427,79

oms-hmn-hla 100 umol/L BCPCA6 14,205,65

dni-mus.fbr 420 umol/L JCLBA3 58,410,73

spm-mus-ipr 100 mg/kg FOBLAN 21,60,75

oms-ham.oth 50 mg/L CBINA8 14,57,76

oms-h.sm.oth 50 mg/L CBINA8 14,57,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:500 ug/kg (1D preg) CYGEDX 8(6),44,74

1T34 unk-rat TDLo:100 mg/kg (7D preg) BSDJA5 -,95,71

1T29 par-rbt TDLo:5 ug/kg (1D preg) ENDOAO 79,858,66

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:20 mg/kg 85GDA2 5,302,81

* ipr-mus LD50:25 mg/kg 85GDA2 5,302,81

* ivn-mus LD50:15 mg/kg 85GDA2 5,302,81

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AU7352000 ADENOSINE, 3'-(alpha-AMINO-p-METHOXYHYDROCINNAMAMIDO)-3'-DEOXY-N,N-DIMETHYL-, DIHYDROCHLORIDE

UPDT:8312 CAS: 58-58-2 MW: 544.50 MOLFM: C22 H29 N7 O5 2Cl H

SYN: 3'-(alpha-AMINO-p-METHOXYHYDROCINNAMAMIDO)-3'-DEOXY-N,N-DIMETHYLADENOSINE DIHYDROCHLORIDE * CL 16536 * PDM * PUROMYCIN DIHYDROCHLORIDE * PUROMYCIN HYDROCHLORIDE

MUTATION DATA AND REFERENCES:

dns-mus.mmr 5 mg/L CNREA8 29,391,69

dns-mus.oth 5 mg/L CNREA8 29,391,69

oms-mus.oth 5 mg/L CNREA8 29,391,69

oms-mus.mmr 5 mg/L CNREA8 29,391,69

AU7355000 ADENOSINE, 3'-(alpha-AMINO-p-METHOXYHYDROCINNAMAMIDO)-3'-DEOXY-N,N-DIMETHYL-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 3506-22-8 MW: 508.06 MOLFM: C22 H29 N7 O5 Cl H

SYN: PUROMYCIN CHLORHYDRATE * PUROMYCIN HYDROCHLORIDE * STYLOMYCIN

MUTATION DATA AND REFERENCES:

dni-mus-ipr 333 mg/kg JCLBA3 30,13,66

oms-mus-ipr 333 mg/kg JCLBA3 30,13,66

TOXICITY DATA AND REFERENCES:

3U01J25K12 orl-mus LD50:720 mg/kg ABANAE 2,757,54-55

3U01J25K12 ipr-mus LD50:580 mg/kg ABANAE 2,757,54-55

3U01J25K12 ivn-mus LD50:335 mg/kg ABANAE 2,757,54-55

2U01F18 orl-gpg LD50:600 mg/kg ABANAE 2,757,54-55

2U01F18 ipr-gpg LD50:287 mg/kg ABANAE 2,757,54-55

2U01F18 ims-gpg LD50:202 mg/kg ABANAE 2,757,54-55

AU7357550 ADENOSINE, 2-CHLORO-

UPDT:8401 CAS: 146-77-0 MW: 301.72 MOLFM: C10 H12 Cl N5 O4

SYN: CLADO * 2-CHLOROADENOSINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35 ivn-mus TDLo:603 ug/kg (11-12D preg) TJADAB 25(2),354,82

TOXICITY DATA AND REFERENCES:

1F07 ivn-mus LDLo:50 mg/kg AIPTAK 118,95,59

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AU7357570 ADENOSINE, 2-CHLORO-, 5'-SULFAMATE (ester)

DEP-isolated from a subspecies of STREPTOMYCES RISHIRIENSIS (JANTAJ 35,939,82)

UPDT:8305 MW: 380.80 MOLFM: C10 H13 Cl N6 O6 S

SYN: AT 265 * 2-CHLOROADENOSINE 5'-SULFAMATE * 5'-SULFAMOYL-2-CHLOROADENOSINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:3400 ug/kg JANTAJ 35,939,82

* ipr-mus LD50:200 ug/kg JANTAJ 35,939,82

AU7357600 ADENOSINE, CYCLIC 3',5'-(HYDROGENPHOSPHATE)-

UPDT:8407 CAS: 60-92-4 MW: 329.24 MOLFM: C10 H12 N5 O6 P

SYN: ADENOSINE CYCLIC MONOPHOSPHATE * ADENOSINE 3',5'-CYCLIC MONOPHOSPHATE * ADENOSINE CYCLIC 3',5'-PHOSPHATE * ADENOSINE 3',5'-CYCLOPHOSPHATE * ADENOSINE 3',5'-MONOPHOSPHATE * ADENOSINE 3',5'-PHOSPHATE * 3',5'-AMP * CAMP * CYCLIC ADENOSINE 3',5'-PHOSPHATE * CYCLIC 3',5'-ADENYLIC ACID * CYCLIC AMP * CYCLIC 3',5'-AMP

MUTATION DATA AND REFERENCES:

oms-hmn.oth 100 umol/L JIDEAE 65,52,75

oms-mus.fbr 1 mmol/L IJCNAW 13,404,74

dns-ham.oth 130 mmol/L CNREA8 42,3669,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

AU7357600 ADENOSINE, CYCLIC 3',5'-(HYDROGENPHOSPHATE), MONO(1-OXOBUTYL) deriv.

UPDT:8305 CAS: 34675-98-4 MW: 382.33 MOLFM: C14 H17 N5 O6 P

SYN: BUTYRYL CYCLIC AMP * MONOBUTYRYL CYCLIC AMP

MUTATION DATA AND REFERENCES:

oms-rat.oth 1 mmol/L INOPAD 13,210,74

oms-mus.oth 50 umol/L JIDEAE 66,313,76

ADENOSINE CYCLIC 3',5'-MONOPHOSPHATE see: AU7357600

ADENOSINE 3',5'-CYCLIC MONOPHOSPHATE see: AU7357600

ADENOSINE CYCLIC 3',5'-PHOSPHATE see: AU7357600

ADENOSINE 3',5'-CYCLOPHOSPHATE see: AU7357600

AU7358600 ADENOSINE, 2'-DEOXY-

UPDT:8405 CAS: 958-09-8 MW: 251.28 MOLFM: C10 H13 N5 O3

SYN: ADENINE DEOXYRIBONUCLEOSIDE * ADENINE DEOXYRIBOSE * ADENYLDEOXYRIBOSIDE * DEOXYADENOSINE * 2'-DEOXYADENOSINE * DESOXYADENOSINE

MUTATION DATA AND REFERENCES:

pic-esc 1 gm/L ZAPOAK 12,583,72

mrc-clr 5 gm/L MUREAV 4,147,67

dni-hmn.hla 100 umol/L BCPCA6 14,205,65

cyt-hmn.leu 3 mmol/L HEREAY 50,139,63

dni-rat-ivr 10 mmol/L BIORAK 37,787,72

c t-mus-ipr 80 mmol/L NULSAK 17,199,74

dn-ham.lng 1 mmol/L BICMBE 64,809,82

msc-ham.lng 1 mmol/L BICMBE 64,809,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AU7358610 ADENOSINE, 3'-DEOXY-

UPDT:8411 CAS: 73-03-0 MW: 251.28 MOLFM: C10 H13 N5 O3

SYN: CORDYCEPIN * CORDYCEPINE * 9-CORDYCEPOSIDOADENINE * 3'-DEOXYADENOSINE

MUTATION DATA AND REFERENCES:

oms-omi 25 mg/L UBBBQ 19,285,82

oms-nml.lng 100 umol/L CARYAB 28,201,75

oms-hmn.oth 300 umol/L CNREA8 44,2421,84

dni-mus.mmr 50 mg/L CNREA8 35,3146,75

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

ADENOSINE DIPHOSPHATE see: AU7467000

ADENOSINE 5'-DIPHOSPHATE see: AU7467000

ADENOSINE DIPHOSPHORIC ACID see: AU7467000

ADENOSINE 5'-DIPHOSPHORIC ACID see: AU7467000

AU7400000 ADENOSINE, 4'-C-FLUORO-, 5'-SULFAMATE

UPDT:8309 CAS: 24751-68-7 MW: 364.35 MOLFM: C10 H13 F N6 O6 S

SYN: ANTIBIOTIC T-3018 * 4'-C-FLUOROADENOSINE 5'-SULFAMATE * 4'-FLUORO-5'-O-SULFAMOYLADENOSINE * 9-(4-FLUORO-5-O-SULFAMOYLPENTOFURANOSYL)ADENINE * NUCLEOCIDIN * T-3018

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2 gm/kg 85GDA2 5,297,81

BEST COPY AVAILABLE

ipr-mus LD50:200 ug/kg — BSESA3 9,874,76

AU7404930 ADENOSINE, N-(1-METHYL-2-PHENYLETHYL)-, (R)-
UPDT 8401 CAS: 38594-96-0 MW: 385.47 MOLFM: C19-H23-N5-O4
SYN: L-PHENYLISOPROPYLADENOSINE * L-N(sup 6)-PHENYLISOPROPYLADENOSINE * N(sup 6)-(L-PHENYLISOPROPYL)ADENOSINE * L-PIA * Th 162

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T33 ipr-mus TDLo:770 ug/kg (11-12D preg) — TJADAB 25(2),35A,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AU7404940 ADENOSINE, N-METHYL-, mixed with SODIUM NITRITE (1:4)
UPDT 8405 MW: 359.31 MOLFM: C11-H15-N5-O4 .4N-Na-O2
SYN: N-METHYLADENOSINE mixed with SODIUM NITRITE (1:4) * N(sup 6)-METHYLADENOSINE mixed with SODIUM NITRITE (1:4) * SODIUM NITRITE mixed with N-METHYLADENOSINE (4:1)

TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-mus TDLo:33918 mg/kg/34W-I — UCNAW 24,319,79
2V02J60 orl-mus TD :34 gm/kg/34W-I — I\PUDO 21,787,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ADENOSINE 3',5'-MONOPHOSPHATE see: AU7357600
ADENOSINE 5'-MONOPHOSPHATE see: AU7480500
ADENOSINE-5-MONOPHOSPHORIC ACID see: AU7480500
ADENOSINE-5'-MONOPHOSPHORIC ACID see: AU7480500
ADENOSINE, N-(1-OXOBUTYL)-, cyclic 3',5'-(HYDROGENPHOSPHATE) 2'-BUTANOATE (9CI) see: ES5055000
ADENOSINE PHOSPHATE see: AU7480500
ADENOSINE 3',5'-PHOSPHATE see: AU7357600
ADENOSINE 5'-PHOSPHATE see: AU7480500
ADENOSINE 5'-PHOSPHORIC ACID see: AU7480500
ADENOSINE PYROPHOSPHATE see: AU7467000
ADENOSINE 5'-PYROPHOSPHATE see: AU7467000
ADENOSINE 5'-PYROPHOSPHORIC ACID see: AU7467000

AU7416000 ADENOSINE 5'-(TETRAHYDROGEN TRIPHOSPHATE)
UPDT 8307 CAS: 56-65-5 MW: 507.22 MOLFM: C10-H16-N5-O13-P3
SYN: ADENOSINE TRIPHOSPHATE * ADENOSINE 5'-TRIPHOSPHATE * ADENOSINE 5'-TRIPHOSPHORIC ACID * ADENYLPYROPHOSPHORIC ACID * ADEPHOS * ADETOL * ADYNOL * ARA-ATP * 9-beta-D-ARABINOFURANOSYLADENINE 5'-TRIPHOSPHATE * ATSP * ATP * 5'-ATP * ATP (NUCLEOTIDE) * ATRIPHOS * GLUCOBASIN * MYOTRIPHOS * STRIADYNE * TRIADENYL * TRIPHOSADEN * TRIPHOSPHADEN * TRIPHOSPHORIC ACID ADENOSINE ESTER

MUTATION DATA AND REFERENCES:
dni-hmn:lym 10 umol/L — CNREAB 42,2092,82
oms-hmn:oth 10 umol/L — JIDEAE 65,52,75

TOXICITY DATA AND REFERENCES:
3F01F23J30 ipr-rat LD50:200 mg/kg — BJANAD 53,305,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AU7417000 ADENOSINE 5'-(TETRAHYDROGEN TRIPHOSPHATE), DISODIUM SALT
UPDT 8310 CAS: 987-65-5 MW: 551.18 MOLFM: C10-H14-N5-O13-P3 .2Na
SYN: ADENOSINE TRIPHOSPHATE DISODIUM * ADETPHOS * ATP DISODIUM * ATP DISODIUM SALT * DISODIUM ADENOSINE TRIPHOSPHATE * DISODIUM ADENOSINE 5'-TRIPHOSPHATE * DISODIUM ATP * DISODIUM DIHYDROGEN ATP * SODIUM ATP

TOXICITY DATA AND REFERENCES:
" ivn-rat LD50:380 mg/kg — NIIRDN 6,20,82
" ivn-mus LD50:266 mg/kg — NIIRDN 6,20,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AU7460000 ADENOSINE 5'-(TETRAHYDROGEN TRIPHOSPHATE), SODIUM SALT
UPDT 8310 CAS: 13237-66-2 MW: 668.15 MOLFM: C10-H10-N5-O13-P3 .4Na
SYN: ATP Na SALT * NaATP * SODIUM ADENOSINE TRIPHOSPHATE * SODIUM ADENOSINE 5'-TRIPHOSPHATE * SODIUM ATP

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1379 mg/kg — OYYAA2 4,689,70
ipr-mus LD50:1000 mg/kg — ARZNAD 7,24,57

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARZNAD 7,24,57
ADENOSINE, 5'-(TRIHYDROGEN DIPHOSPHATE) (9CI) see: AU7467000

AU7467000 ADENOSINE, 5'-(TRIHYDROGEN PYROPHOSPHATE)
UPDT 8403 CAS: 58-64-0 MW: 427.24 MOLFM: C10-H15-N5-O10-P2
SYN: ADENOSINE DIPHOSPHATE * ADENOSINE 5'-DIPHOSPHATE * ADENOSINE DIPHOSPHORIC ACID * ADENOSINE 5'-DIPHOSPHORIC ACID * ADENOSINE PYROPHOSPHATE * ADENOSINE 5'-PYROPHOSPHATE * ADENOSINE 5'-PYROPHOSPHORIC ACID * ADENOSINE, 5'-(TRIHYDROGEN DIPHOSPHATE) (9CI) * 5'-ADENYLPHOSPHORIC ACID * ADP * 5'-ADP * ADP (NUCLEOTIDE)

MUTATION DATA AND REFERENCES:
oms-hmn:oth 100 umol/L — JIDEAE 65,52,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ADENOSINE TRIPHOSPHATE see: AU7416000
ADENOSINE 5'-TRIPHOSPHATE see: AU7416000
ADENOSINE TRIPHOSPHATE DISODIUM see: AU7417000
ADENOSINE 5'-TRIPHOSPHORIC ACID see: AU7416000

AU7480220 ADENOSTEMMA LAVENIA (Linn.) O. Ktze., extract
DEFINITION: plant belonging to the family COMPOSITAE (IJEBA6 15,208,77)
UPDT 8408
SYN: ADENOSTEMMA VISCOSUM Forst., extract

TOXICITY DATA AND REFERENCES:
2H30A610 ipr-mus LD50:750 mg/kg — IJEBA6 15,208,77

ADENOSTEMMA VISCOSUM Forst., extract see: AU7480220 ADENOSTEMMA LAVENIA (Linn.) O. Ktze.,extract
ADENOVITE see: AU7480500
ADENYL see: AU7480500
ADENYLDEOXYRIBOSIDE see: AU7358600
ADENYLIC ACID see: AU7480500
tert-ADENYLIC ACID see: AU7480500

AU7480500 5'-ADENYLIC ACID
UPDT 8402 CAS: 61-19-8 MW: 347.16 MOLFM: C10-H14-N5-O7-P
SYN: ADENOSINE 5'-MONOPHOSPHATE * ADENOSINE-5-MONOPHOSPHORIC ACID * ADENOSINE 5'-MOPHOSPHORIC ACID * ADENOSINE PHOSPHATE * ADENOSINE 5'-PHOSPHATE * ADENOSINE 5'-PHOSPHORIC ACID * ADENOVITE * ADENYL * ADENYLIC ACID * tert-ADENYLIC ACID * AMP * ASMP * 5-AMP * 5'-AMP * AMP (NUCLEOTIDE) * CARDIOMONE * ERGADENYLIC ACID * LYCEDAN * MUSCLE ADENYLIC ACID * MY-B-DEN * MYOSTON * NSL-2026 * PHOSADEN * PHOSPHADEN * PHOSPHENTASIDE

MUTATION DATA AND REFERENCES:
oms-hmn:oth 100 umol/L — JIDEAE 65,52,75
oms-mus:oth 50 umol/L — JIDEAE 66,313,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ipr-rat TDLo:2500 mg/kg (7-13D preg) — OYYAA2 4,625,70
1T34 ipr-mus TDLo:2800 mg/kg (7-13D preg) — OYYAA2 4,575,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ADENYLIC ACID DISODIUM SALT see: AU7481600

AU7481600 5'-ADENYLIC ACID, DISODIUM SALT
UPDT 8309 CAS: 4578-31-8 MW: 393.24 MOLFM: C10-H14-N5-O7-P .2Na
5'-N. ADENYLIC ACID DISODIUM SALT * AMP DISODIUM SALT * 5'-AMP DISODIUM SALT * DISODIUM AMP * DISODIUM 5'-AMP

TOXICITY DATA AND REFERENCES:
2J25J30 ivn-mus LD50:830 mg/kg — TAKHAA 33,24,74

AU7481800 5'-ADENYLIC ACID, compd. with 1-((3,4-DIMETHOXY-9-HENYL)METHYL)-6,7-DIMETHOXYISOQUINOLINE (1:1)
UPDT 8308 CAS: 39024-96-9 MW: 686.68 MOLFM: C30-H31-N-O4 .C10-H14-N5-O7-P
SYN: DICERTOLE * MONOPHOSADENINE de PAPAVERINE (French) * PAPAVERINE ADENOSINE 5'-MONOPHOSPHATE * PAPAVERINE ADENYLATE * PAPAVERINE MONOPHOSADENINE

TOXICITY DATA AND REFERENCES:
3D28F25J22 orl-rat LD50:3910 mg/kg — THERAP 30,863,75
3E12F25J22 orl-mus LD50:2450 mg/kg — THERAP 30,863,75

5'-ADENYLPHOSPHORIC ACID see: AU7467000
ADENYLPYROPHOSPHORIC ACID see: AU7416000
ADEPHOS see: AU7416000
ADEPSINE OIL see: PY8030000
ADERGON see: BO9000000
ADERMINE see: UV1300000
ADERMINE HYDROCHLORIDE see: UV1350000
ADETOL see: AU7416000
ADETPHOS see: AU7417000
ADHERE see: AS7000000
ADIABEN see: YS6650000
ADIAZINE see: WP1925000
ADIFENIN HYDROCHLORIDE see: AM2625000
ADILACTETTEN see: AU8400000
ADINOL T see: WX0500000

AU7802000 ADIPAMIDE, 4-AMINO-2,3-DIHYDROXY-N-(1-(8-HYDROXY-1-OXO-3,4-DIHYDRO-1H-2-BENZOPYRAN-3-YL)-3-METHYLBUTYL)-
UPDT 8303 MW: 423.52 MOLFM: C20-H29-N3-O7
SYN: AMICOUMACIN A

TOXICITY DATA AND REFERENCES:
orl-mus LD50:132 mg/kg — JANTAJ 34,611,81

ADIPAN see: HP4500000
ADIPAN see: SI1750000
ADIPARTHROL see: SI1750000
ADIPEX see: SH5425000
ADIPHEN HYDROCHLORIDE see: AM2625000
ADIPHENIN see: AM2624000
ADIPHENINE see: AM2624000
ADIPHENINE CHLORIDE see: AM2625000
ADIPHENINE H HYDROCHLORIDE see: GU6825000
ADIPHENINE HYDROCHLORIDE see: AM2625000

AU8400000 ADIPIC ACID
UPDT 8412 CAS: 124-04-9 MW: 146.16 MOLFM: C6-H10-O4
SYN: ACIFLOCTIN * ACINETTEN * ADILACTETTEN * ADIPIC ACID (DOT) * ADIPINIC ACID * 1,4-BUTANEDICARBOXYLIC ACID * HEXANEDIOIC ACID * 1,6-HEXANEDIOIC ACID * KYSELINA ADIPOVA (Czech) * MOLTEN ADIPIC ACID * NA 9077 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 20 mg/24H SEV — 28ZPAK -51,72

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:3600 mg/kg — 28ZPAK -51,72
ipr-rat LD50:275 mg/kg — JAFCAU 5,759,57
orl-mus LD50:1900 mg/kg — JAFCAU 5,759,57
ipr-mus LD50:275 mg/kg — TXAPA9 32,566,75
ivn-mus LD50:680 mg/kg — JAFCAU 5,759,57

STANDARDS & REGULATIONS:
★ DOT-HAZARD-ORM-E, LABEL-NONE — CFRGBR 49,172 101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AU8925000 ADIPIC ACID, BIS(3-CYCLOHEXENYLMETHYL) ESTER
UPDT 8307 CAS: 63905-29-3 MW: 334.50 MOLFM: C20-H30-O4
SYN: ADIPIC ACID, 3-CYCLOHEXENYLMETHANOL DIESTER

TOXICITY DATA AND REFERENCES:
" orl-rat LD50:3730 mg/kg — TXAPA9 28,313,74
" skn-rbt LD50:7070 mg/kg — TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AU9625000 ADIPIC ACID, BIS(2-(2-ETHYLBUTOXY)ETHYL) ESTER
UPDT 8407 CAS: 7790-09-0 MW: 402.64 MOLFM: C22-H42-O6
SYN: ADIPIC ACID, DI(2-(2-ETHYLBUTOXY)ETHYL) ESTER * DI-2-(2-ETHYLBUTOXY)ETHYL ADIPATE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AMIHBC 10,61,54
eye-rbt 500 mg open — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
" orl-rat LD50:3250 mg/kg — AMIHBC 10,61,54
" skn-rbt LD50:4240 mg/kg — AMIHBC 10,61,54

AU9650000 ADIPIC ACID, BIS(2-ETHYLBUTYL) ESTER
UPDT 8407 CAS: 3022-60-3 MW: 314.52 MOLFM: C18-H34-O4
SYN: ADIPIC ACID, DI(2-ETHYLBUTYL) ESTER * DI(2-ETHYLBUTYL) ADIPATE

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
" orl-rat LD50:5620 mg/kg — AMIHBC 10,61,54
" skn-rbt LD50:17 gm/kg — AMIHBC 10,61,54

AU9700000 ADIPIC ACID, BIS(2-ETHYLHEXYL) ESTER
UPDT 8412 CAS: 103-23-1 MW: 370.64 MOLFM: C22-H42-O4
SYN: ADIPOL 2EH * BEHA * BIS(2-ETHYLHEXYL) ADIPATE * BISOFLEX DOA * DEHA * DI-2-ETHYLHEXYL ADIPATE * DIOCTYL ADIPATE * DOA * EPPEMOLL DOA * EPPOMOLL DOA * ERGOPLAST AdDO * FLEXOL A 26 * HEXANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER (9CI) * HEXANEDIOIC ACID, DIOCTYL ESTER * KEMLATE 3652 * KODAFLEX DOA * MOLLAN S * MONOPLEX DOA * NCI-C54386 * OCTYL ADIPATE * PLASTHALL DOA * PX-238 * REOMOL DOA * RUCOFLEX PLASTICIZER DOA * SICOL 250 * STAFLEX DOA * TRUFLEX DOA * UNIFLEX DOA * VESTINOL OA * WICKENOL 158 * WITAMOL 320

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open — AMIHBC 4,119,51

MUTATION DATA AND REFERENCES:
dlt-mus-ipr 1000 mg/kg — TXAPA9 32,566,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ipr-rat TDLo:15 gm/kg (5-15D preg) — JPMSAE 62,1596,73
1T59 ipr-rat TDLo:30 gm/kg (5-15D preg) — JPMSAE 62,1596,73

TUMORIGENIC DATA AND REFERENCES:
2V01160 orl-mus TDLo:1038 gm/kg/2Y-C — NTPTR* NTP-TR-212,82
2V01160 orl-mus TD :2163 gm/kg/2Y-C — NTPTR* NTP-TR-212,82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:9110 mg/kg — AMIHBC 4,119,51
ivn-rat LD50:900 mg/kg — MRLR** No.256,54
skn-rbt LD50:16300 mg/kg — AMIHBC 4,119,51
ivn-rbt LD50:540 mg/kg — MRLR** No.256,54

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 29,257,82

BEST COPY AVAILABLE

STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE;MOUSE (NTPTR* NTP-TR-212;82)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;RAT (NTPTR* NTP-TR-212;82)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1904
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AV1800000 ADIPIC ACID, BIS(2-(HEXYLOXY)ETHYL) ESTER
UPDT:8407 CAS: 110-32-7 MW: 402.64 MOLFM: C22-H42-O6
SYN: ADIPIC ACID, BIS(2-HEXYLOXYETHYL) ESTER * BIS(2-HEXYLOXY-ETHYL)ADIPATE * DIHEXYLOXYETHYL ADIPATE * HEXANEDIOIC ACID, BIS(2-(HEXYLOXY)ETHYL)ESTER (9CI)

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AMIHBC 10,61,54
	eye-rbt 500 mg open	AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:4290 mg/kg	AMIHBC 10,61,54
*	skn-rbt LD50:12310 mg/kg	AMIHBC 10,61,54

ADIPIC ACID, 3-CYCLOHEXENYLMETHANOL DIESTER see: AU0925000
ADIPIC ACID compd. with (1,3-DIAMINOPROPANE-1,1,3,3-TETRAETHYLTETRAPHOSPHONIC ACID see: SZ7963000

AV0900000 ADIPIC ACID, DIBUTYL ESTER
UPDT:8407 CAS: 105-99-7 MW: 258.40 MOLFM: C14-H26-O4
SYN: BUTYL ADIPATE * DIBUTYL ADIPATE * DI-n-BUTYL ADIPATE * DIBUTYL ADIPINATE * DIBUTYL HEXANEDIOATE * EXPERIMENTAL TICK REPELLENT 3 * EXPERIMENTAL TICK REPELLENT 3PS * HEXANEDIOIC ACID, DIBUTYL ESTER * 3PS

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AMIHBC 4,119,51
	eye-rbt 500 mg open	AMIHBC 4,119,51

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1134	ipr-rat TDLo:1049 mg/kg (5-15D preg)	JPMSAE 62,1596,73
1159	ipr-rat TDLo:1748 mg/kg (5-15D preg)	JPMSAE 62,1596,73

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:12900 mg/kg	28ZEAL 5,72,76
*	ipr-rat LD50:5244 mg/kg	JPMSAE 62,1596,73
	skn-rbt LD50:20000 mg/kg	AMIHBC 4,119,51

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ADIPIC ACID, DI-(3-CARBOXY-3,4,6-TRINODOANILIDE) DISODIUM see: DH6836000
ADIPIC ACID, DIESTER with 6-METHYL-3-CYCLOHEXENE-1-METHANOL see: MO1875620
ADIPIC ACID, DI(2-(2-ETHYLBUTOXY)ETHYL) ESTER see: AU9625000
ADIPIC ACID, DI(2-ETHYLBUTYL) ESTER see: AU9630000
ADIPIC ACID, DI(2-HEXYLOXYETHYL) ESTER see: AU9800000

AV1480000 ADIPIC ACID, DIISOBUTYL ESTER
UPDT:8407 CAS: 141-04-8 MW: 258.40 MOLFM: C14-H26-O4
SYN: DIBA * DIISOBUTYL ADIPATE * FTARTER DIBA * HEXANEDIOIC ACID, BIS(2-METHYLPROPYL) ESTER (9CI) * ISOBUTYL ADIPATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1134	ipr-rat TDLo:1190 mg/kg (5-15D preg)	JPMSAE 62,1596,73
1159	ipr-rat TDLo:595 mg/kg (5-15D preg)	JPMSAE 62,1596,73

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:5930 mg/kg	JPMSAE 62,1596,73
*	orl-gpg LD50:12300 mg/kg	GWXRBR 8,2703360

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AV1500000 ADIPIC ACID, DIISOPENTYL ESTER
UPDT:8407 CAS: 6624-70-0 MW: 286.41 MOLFM: C16-H30-O4
SYN: BIS(3-METHYLBUTYL) ADIPATE * DIISOAMYL ADIPATE * DI(3-METHYLBUTYL)ADIPATE * HEXANEDIOIC ACID, BIS(3-METHYLBUTYL) ESTER (9CI)

TOXICITY DATA AND REFERENCES:

	ivn-rbt LD50:640 mg/kg	MBLB** No.256,56
	ivn-rbt LD50:640 mg/kg	MBLB** No.256,56
*	orl-gpg LD50:25 gm/kg	GWXRBR 8,2703360

ADIPIC ACID DINITRILE see: AV2625000
ADIPIC ACID (DOT) see: AU8400000
ADIPIC ACID ESTER of FORMOCHOLINE see: BO2450000

AV1930000 ADIPIC ACID, mixt. with GLUTARIC and SUCCINIC ACID, ISOOCTYL ISODECYL ESTER
UPDT:8411
TOXICITY DATA AND REFERENCES:

	85078-12-1 orl-mus LD50:8 gm/kg	FCTXAV 7,1115,69

ADIPIC ACID, 6-METHYL-3-CYCLOHEXENYL-METHANOL DIESTER see: MO1875620
ADIPIC ACID, NITRILE see: AV2625000
ADIPIC ACID, UREA mixed with CARBOXYMETHYLCELLULOSE ACIDS see: YB7800000
ADIPIC KETONE see: GY6725000

AV2310000 ADIPIMIDE
UPDT:8308 CAS: 4736-93-6 MW: 127.16 MOLFM: C6-H9-N-O2
SYN: 1H-AZEPINE-2,7-DIONE, TETRAHYDRO- * HEXANIMIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:23600 mg/kg	TEAPAP 28,313,74

AV2320000 ADIPIMIDIC ACID, DIMETHYL ESTER
UPDT:8408 CAS: 13139-70-3 MW: 173.26 MOLFM: C8-H15-N1-O2
SYN: DIMETHYL ADIPIMIDATE * DIMETHYL ADIPIMIMIDATE * HEXANEDIMIDIC ACID, DIMETHYL ESTER (9CI)

MUTATION DATA AND REFERENCES:

	dsi-hmn-lym 1 mmol/l	CNREAS 39,345,79
	dsi-rgn-lym 1 mmol/l	CNREAS 39,345,79

ADIPINIC ACID see: AU8400000
ADIPINSAEURE DI-(3-CARBOXY-3,4,6-TRIJOD-ANILID)-DINATRIUM (German) see: DH6836000
ADIPIODONE MEGLUMINE see: LZ4297000
ADIPLON see: DA9025000
ADIPODINITRILE see: AV2625000
ADIPOL 2EH see: AU9700000

AV2625000 ADIPONITRILE
UPDT:8408 CAS: 111-69-3 MW: 108.14 MOLFM: C6-H8-N2
SYN: ADIPIC ACID DINITRILE * ADIPIC ACID NITRILE * ADIPODINITRILE * ADIPONITRILE (DOT) * 1,4-DICYANOBUTANE * HEXANEDINITRILE * HEXANEDIOIC ACID, DINITRILE * NITRILE ADIPICO (Italian) * TETRAMETHYLENE CYANIDE * UN 2205 (DOT)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:300 mg/kg	WQCHM* 3,,74
2D40J39	ihl-rat LC50:1710 mg/m3/4H	TOXID9 1,76,81
	ipr-mus LD50:60 mg/kg	NTIS** AD691,490
	scu-gpg LD50:50 mg/kg	MELAAD 46,221,55

STANDARDS & REGULATIONS:
★ DOT-IMO-POISON B, LABEL:ST. ANDREWS CROSS CFRGBB 49,172,102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITRILES recm std-air:TWA 18 mg/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ADIPONITRILE (DOT) see: AV2625000

AV2800000 ADIPONITRILE, PERFLUORO
UPDT:8408 CAS: 376-73-4 MW: 252.08 MOLFM: C6-F8-N2
SYN: HEXANEDINITRILE, OCTAFLUORO- (8CI,9CI) * OCTAFLUOROADIPONITRILE * PERFLUOROADIPIC ACID DINITRILE * PERFLUOROADIPONITRILE * PERFLUOROADIPONITRILE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2917 mg/kg	BSGMAT -,97,82
*	ihl-rat LC50:62 mg/m3/4H	BSGMAT -,97,82
*	orl-mus LD50:1955 mg/kg	BSGMAT -,97,82
*	ihl-mus LC50:160 mg/m3/4H	BSGMAT -,97,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ADIPOSETTIN see: RC9275000
ADIPOYLBIS(IMINOETHYLENE(BIS(TRIETHYLAMMONIUM IODIDE)) see: BO2430000
ADIPOYLBIS(IMINOETHYLENE(BIS(TRIMETHYLAMMONIUM IODIDE)) see: BO2432000
5,5'-(ADIPOYLDIIMINO)BIS(2,4,6-TRIIODO-N-METHYLISOPHTHALAMIC ACID) see: LZ4365000
ADIPOYLETHYLENEIMINE see: CM4340000
ADIPRAZINE see: MO1955000
ADITYL see: YR6475000
ADJUDETS see: SI1400000
ADM see: AV9800000
AD1M see: BD0330000
ADMA 2 see: JB6600000
ADMER PE 02 see: UD1842000
ADMEX 741 see: LH8024000
ADMEX 746 see: LH8024000
ADMUL see: RG1925000
ADNEPHRINE see: DO2e25000
ADO see: BD0330000
2-ADO see: HP4550000
ADOBACELLIN see: XH8350000
ADOBHOL see: UA8500000
ADOGEN 471 see: BT2670000
ADOL see: MM0225000
ADOL see: RG2010000
ADOL see: RG4120000
ADOL 34 see: RG4120000
ADOL 52 see: MM0225000
ADOL 54 see: MM0225000
ADOL 68 see: RG2010000
ADOL 80 see: RG4120000
ADOL 85 see: RG4120000
ADOL 90 see: RG4120000
ADOL 320 see: RG4120000
ADOL 330 see: RG4120000
ADOL 340 see: RG4120000
ADOL 520 see: MM0225000
ADONAL see: CQ6825000

AV3750000 ADONIDIS VERNALIS L. HERB
DEF:Plant contains active cardiac principles (8SESA3 9,22,76)
UPDT:8307
SYN: ADONIGEN * ADONILEN * ADONISID * ADONIVAL * ADOVERN * BIRD'S EYE * FALSE HELLEBORE * HERB of ADONIS VERNALIS L. * VERNAL PHEASANT'S EYE

TOXICITY DATA AND REFERENCES:

	unk-pgn LDLo:87 mg/kg	ARZNAD 13,999,63

ADONIGEN see: AV3750000
ADONILEN see: AV3750000
ADONISID see: AV3750000

AV3800000 ADONITOXIN
UPDT:8403 CAS: 17651-61-5 MW: 550.71 MOLFM: C29-H42-O10
SYN: 3-(16-DEOXY-alpha-L-RHAMNOPYRANOSYL)-OXY)-14,16-DIHYDROXY-19-OXOCARD-20(22)-ENOLIDE

TOXICITY DATA AND REFERENCES:

	ivn-cat LDLo:191 ug/kg	JPETAB 90,271,47

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BSELD: -,107,83
ADONIVAL see: AV3750000
ADOPON see: MB9625000
ADOPRON see: BO7744000
ADORM see: CQ2975000
ADOT see: QH9796100
ADOT 7478 see: QH9796100
ADOUATINE 2 AMMONIUM SULFONATE (French) see: FW3577000
ADOVERN see: AV3750000
ADP see: AU7467000
5'-ADP see: AU7467000
ADPHEN see: QE7450000
ADP (NUCLEOTIDE) see: AU7467000
ADRAN see: MU6640000
ADRAZONE see: HM1925000
ADRENAL see: DO7625000
ADRENAL CORTEX HORMONE see: GM7900000
ADRENALES see: GM9030000
ADRENALIN see: DO3625000
l-ADRENALIN see: DO3625000
ADRENALIN BITARTRATE see: DO3500000
ADRENALIN CHLORIDE see: DO3150000
ADRENALINE see: DO3625000
(-)-ADRENALINE see: DO3625000
l-ADRENALINE see: DO3625000
ADRENALINE ACID TARTRATE see: DO3500000
(-)-ADRENALINE ACID TARTRATE see: DO3500000
ADRENALINE BITARTRATE see: DO3500000
(-)-ADRENALINE BITARTRATE see: DO3500000
l-ADRENALINE BITARTRATE see: DO3500000
l-ADRENALINE d-BITARTRATE see: DO3500000
ADRENALINE CHLORIDE see: DO3150000
l-ADRENALINE CHLORIDE see: DO3150000
ADRENALINE HYDROCHLORIDE see: DO3150000
ADRENALINE HYDROCHLORIDE, (-)- see: DO3150000
(-)-ADRENALINE HYDROCHLORIDE see: DO3150000
(-)-ADRENALINE HYDROCHLORIDE see: DO3330000
dl-ADRENALINE HYDROCHLORIDE see: DO3330000
l-ADRENALINE HYDROCHLORIDE see: DO3150000
ADRENALINE HYDROGEN TARTRATE see: DO3500000
(-)-ADRENALINE HYDROGEN TARTRATE see: DO3500000
l-ADRENALINE HYDROGEN TARTRATE see: DO3500000
ADRENALINE TARTRATE see: DO3500000
(-)-ADRENALINE TARTRATE see: DO3500000
L-ADRENALINE TARTRATE see: DO3500000

BEST COPY AVAILABLE

l-ADRENALINE TARTRATE see: DO2500000
ADRENALIN HYDROCHLORIDE see: DO2330000
ADRENALIN IN OIL see: DO2625000
ADRENALIN-MED-NALER see: DO2625000
ADRENALONE HYDROCHLORIDE see: AM8225000
ADRENAMINE see: DO2625000
ADRENAN see: DO2625000
ADRENAPAX see: DO2625000
ADRENASOL see: DO2625000
ADRENATRATE see: DO3500000
ADRENATRATE see: DO2625000
ADRENINE see: DO2625000
ADRENOCHROME see: NM1925000
ADRENOCHROME GUANYLHYDRAZONE MESILATE see: NL7935000
ADRENOCORTICOTROPHIC HORMONE see: GM7900000
ADRENOCORTICOTROPHIN see: GM7900000
ADRENOCORTICOTROPIC HORMONE see: GM7900000
ADRENOCORTICOTROPIN see: GM7900000
ADRENORHS see: DO2625000
ADRENOHORMA see: DO2625000
ADRENOLUTIN see: NM1890200
ADRENOMONE see: GM7900000
ADRENONE HYDROCHLORIDE see: AM8225000
ADRYHOR see: DN5950000
ADRENOSAN see: DO2625000
ADRENOTROPHIN see: GM7900000
ADRENUTOL see: DO2625000
ADRESON see: GM9140000
ADREVIL see: RO0685000
ADRIACIN see: QH9295900
ADRIAMICINA see: QH9276000

AV9800000 ADRIAMYCIN
UPDT:8412 CAS: 23214-92-8 MW: 543.57 MOLFM: C27-H29-N-O11
SYN: ADM * ADRIAMYC™ SEMIQUINONE * ADRIBLASTIN * ADRIBLASTINA * DOXORUBICIN * FI 106 * 14-HYDROXYDAUNOMYCIN * 14-HYDROXYDAUNOMYCIN * 14-HYDROXYDAUNORUBICINE * KW-123 * NCI-C01514 * NDC 38242-874 * NSC-123127

IRRITATION DATA AND REFERENCES:
skn-rbt 15 mg/24H mls — TXCYAC 14,117,79

MUTATION DATA AND REFERENCES:
mma-sat 2560 ng/plate — EJCAAH 19,641,83
mma-sat 2560 ng/plate — EJCAAH 19,641,83
dnr-sat 6 ug/plate — EXPEAM 31,787,75
mma-esc 50 mg/L — MUREAV 107,1,83
dnd-esc 10 umol/L — MUREAV 89,95,81
pic-esc 1 ug/plate — MUREAV 88,325,81
dnd-omi 5 umol/L — CNREA8 40,387,80
oms-omi 1 gm/L — CBINA8 30,67,80
sln-dmg-par 250 mg/L — MUREAV 135,175,84
mma-smc 184 umol/L — MGGEAE 174,39,79
mma-asn 100 mg/L — MUREAV 97,293,82
oms-grh.oth 250 nmol/L — ENMUDM 4,279,82
cyt-grh.oth 125 nmol/L — ENMUDM 4,279,82
dnd-ofs.spr 500 ug/L — EJCAAH 14,741,78
dni-sal.spr 100 umol/L — JBCHA3 252,2670,77
mnt-hsn.lym 20 ug/L — SBJODP 4,1,78
dnd-hsn.lym 50 ug/L — CJBIAE 58,720,80
dnd-hsn.oth 700 nmol/L — CNREA8 42,117,52
dnd-hsn.fbr 100 umol/L — MUREAV 111,171,83
dni-hsn.fbr 500 ug/L — CBNGDP 6,1317,83
dns-hsn.lym 100 ug/L — CNREA8 36,143,76
oms-hsn.lym 1 mg/L — CNREA8 41,2745,81
oms-hsn.lym 10 umol/L — CALEDQ 18,305,83
dni-hsn.leu 10 umol/L — CALEDQ 18,305,83
dni-hsn.hla 1 umol/L — CNREA8 38,4445,78
dni-hsn.lym 50 ug/L — JCLBA3 59,1796,73
dni-hsn.oth 10 nmol/L/2H — CNREA8 42,117,82
oms-hsn.oth 10 umol/L/2H — CNREA8 42,117,82
oms-hsn.lym 500 ug/L — EJCAAH 14,741,78
dni-hsn.oth 30 umol/L — CNREA8 43,1606,83
dni-hsn.oth 100 ug/L — CCPHDZ 2,31,79
oms-hsn.oth 100 ug/L — CCPHDZ 2,31,79
oms-hsn.oth 50 nmol/L — CNREA8 42,1044,83
cyt-hsn.leu 20 ug/L — CNREA8 31,32,71
cyt-hsn.lym 20 ug/L — SBJODP 4,1,78
cyt-hsn.fbr 10 ug/L/1H — CCPHDZ 3,143,79
sce-hsn.lym 5 ng/L/48H — ARTODN 66,61,80
mnt-rat-ipr 5 mg/kg — MUREAV 113,278,83
mnt-rat-par 1250 ug/kg/20-I — CNREA8 43,5293,83
dnd-rat-ivr 6100 nmol/L — MOPMA3 16,390,78
dni-rat-oth 1 mg/L — CNREA8 39,1321,79
oms-rat-ivn 5 mg/kg/8H-I — CNREA8 42,79,82
dni-rat-ivr 50 nmol — MAGDA3 8,363,78
oms-rat-ivr 3910 pmol/L — CNREA8 40,387,80
dns-rat-mmo 100 nmol/L — DIMDB 20,535,83
oms-rat-mmo 10 umol/L — DIMDB 20,535,83
bfa-rat/sat 200 mg/kg — UBLBA5 7,119,79
mma-mus.lym 100 ug/L — DCTODJ 1,277,78
otr-mus.fbr 100 ng/L — CNREA8 36,3063,76
dnd-mus-ipr 5 mg/kg — JIMDB 67,1259,81
dnd-mus.leu 2800 nmol/L/1H — BBACAQ 519,23,78
dnd-mus/ort 600 ug/kg — BCOC88 10,51,75
dnd-mus.oth 4 umol/L — AHBCA2 120,91,82
dns-mus-ipr 5 mg/kg — CNREA8 37,22,77
dni-mus.lym 20 ug/L — CNREA8 37,815,77
dni-mus-ivn 10 mg/kg — CNREA8 38,3286,78
dni-mus.leu 80 ug/L — JCLBA3 59,1796,73
oms-mus.leu 2800 nmol/L — CNREA8 42,440,82
dni-mus-ipr 5 mg/kg — CNREA8 37,22,77
oms-mus-ipr 10 mg/kg — CNREA8 37,22,77
cyt-mus-ipr 500 ug/kg — ENMUDM 3,251,80
cyt-mus-fbr 50 ug/L — MUREAV 33,417,75
cyt-mus-ivn 500 ug/kg — ENMUDM 3,251,80
sce-mus-par 5 mg/kg — ENMUDM 1,178,79
sce-mus-ipr 250 ug/kg — MUREAV 108,373,83
sce-mus-ivn 12 mg/kg — CGCGBR 27,82,80
sce-mus/ost 5 mg/kg — ENMUDM 1,177,79
sce-mus/lym 3 mg/kg — MUREAV 106,85,82
sce-mus.lym 5 gm/L — MUREAV 106,85,82
msc-mus-lym 100 ug/L — DCTODJ 1,277,78
hma-mus-oth 1 mg/kg — CNREA8 33,2954,73
mnt-ham-ipr 2 mg/kg/24H — MUREAV 40,325,76
dni-ham-ovr 1 mg/L — MUREAV 52,199,78
dni-ham-oth 5 mg/L — CNREA8 36,2891,76
oms-ham-oth 5 mg/L — CNREA8 36,2891,76
cyt-ham-ovr 400 ug/L — MUREAV 52,199,78
cyt-ham-lng 300 ug/L/2H — ENMUDM 2,249,80
sce-ham-ovr 1 umol/L — NATUAS 258,121,75
sce-ham-lng 300 ug/L/2H — ENMUDM 2,249,80
msc-ham-lng 10 ug/L — CNREA8 36,2065,76
msc-ham-ovr 160 ug/L — CNREA8 43,577,83
dnd-mam-lym 4290 nmol/L — CBINA8 20,97,78
dnd-chn-oth 5 umol/L — BICHBX 9,441,78
dns-rbt-ivn 1 mg/kg — ARTODN 46,139,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T47T53 — ipr-rat TDLo:4 mg/kg (6-9D preg) — TJADAB 17,151,78
3T76T81T86 — ipr-rat TDLo:5500 ug/kg (7-17D preg) — OYYAA2 19,791,80
2T46T86 — ipr-rat TDLo:4200 ug/kg (7-13D preg) — YKRYAH 6,1152,73
1T50 — ipr-rat TDLo:6 mg/kg (6-9D preg) — TJADAB 17,151,78
1T01 — par-rat TDLo:61336 ug/kg (56D male) — ANREAK 205,63A,83
1T01 — ivn-mus TDLo:2 mg/kg (1D male) — CNREA8 39,3575,79
2T35T46 — ivn-mus TDLo:7 mg/kg (7-13D preg) — YKRYAH 6,1152,73
1T86 — ivn-mus TDLo:700 ug/kg (7-13D preg) — YKRYAH 6,1152,73
1T34 — ivn-mus TDLo:4200 ug/kg (7-13D preg) — YKRYAH 6,1152,73
1T27 — ivn-rbt TDLo:7800 ug/kg (6-18D preg) — TJADAB 17,151,78

TUMORIGENIC DATA AND REFERENCES:
2V01R60 — ivn-rat TDLo:5 mg/kg — CNREA8 43,5248,83
2V03J60 — ipr-mus TDLo:7 mg/kg/8W-I — CNREA8 33,3069,73
2V02R60 — ivn-rat TD :8 mg/kg — EXPEAM 27,1209,71
3V01J60R60 — ivn-rat TD :10 mg/kg — JJINDS 66,81,81
2V03R60 — ivn-rat TD :5 mg/kg — PAACA3 21,309,80
2V01R60 — ivn-rat TD :8 mg/kg — CNREA8 38,1444,78

TOXICITY DATA AND REFERENCES:
3G01K13R21 — ivn-hmn TDLo:15 mg/kg/D — CANCAR 34,518,74
ivn-hmn LDLo:400 ug/kg — CCYPBY 3,33,72
3G01K13R21 — ivn-hmn TDLo:380 mg/kg/31W — CANCAR 34,518,74
° — ipr-rat LD50:16 mg/kg — OYYAA2 6,1075,72
° — scu-ra: LD50:21900 ug/kg — OYYAA2 6,1075,72
° — ivn-rat LD50:12 mg/kg — ANTBAL 28,298,83
° — orl-mus LD50:570 mg/kg — ANTBAL 28,298,83
° — ipr-mus LD50:12 mg/kg — OYYAA2 6,1075,72
scu-mus LD50:16 mg/kg — ANTBAL 21,1030,76
2P05U01 — ivn-mus LD50:9 mg/kg — OYYAA2 6,1075,72
° — ivn-dog LD50:2400 ug/kg — DCTODJ 6,21,83
° — ivn-rbt LD50:6 mg/kg — OYYAA2 6,1075,72
1V30 — par-ham LD10:3300 ug/kg — JSONAU 15,355,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCYPBY 6,159,75; AIMEAS 80(2),249,74; BUFSBY 24,129,83
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 10,43,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ADRIAMYCIN see: QH9295900

AV9860000 ADRIAMYCIN, 4-DEMETHOXY-
UPDT:8211 MW: 513.54 MOLFM: C26-H27-N-O10
SYN: 4-DEMETHOXYADRIAMYCIN

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — ENMUDM 5,473,83
dnd-mus.fbr 1800 nmol/L — CNREA8 37,4523,77

ADRIAMYCIN-14-GLYCOLATE see: QH9339000
ADRIAMYCIN HYDROCHLORIDE see: QH9295900
ADRIAMYCIN-9-OCTANOATE see: QH9296600
ADRIAMYCIN-14-OCTANOATE HYDROCHLORIDE see: BH0367000
ADRIAMYCIN SEMIQUINONE see: AV9800000

AV9850000 ADRIAMYCIN, TRIFLUOROACETYL-, 14-VALERATE
UPDT:8405 CAS: 56124-62-0 MW: 723.71 MOLFM: C34-H36-F3-N-O13
SYN: AD 32 * NSC-268552 * TRIFLUOROACETYLADRIAMYCIN-14-VALERATE

MUTATION DATA AND REFERENCES:
mma-sat 400 ug/plate — EJCAAH 19,641,83
mma-sat 1 mg/plate — EJCAAH 19,641,83
dnd-hsn.lym 3 mg/L — CJBIAE 58,720,80
dni-hsn.lym 10 mg/L — CNREA8 39,448,79
oms-hsn.lym 1 mg/L — CNREA8 41,2745,81
oms-hsn.lym 100 mg/L — CNREA8 41,2745,81
cyt-hsn.lym 500 ug/L — CNREA8 41,2745,81
dnd-mus.leu 13800 nmol/L — CNREA8 41,1006,81
oms-mus.leu 14 umol/L — CBINA8 32,331,80

TOXICITY DATA AND REFERENCES:
ipr-mus LD1o:15 mg/kg — CTBBDO 62(1),119,78

ADRIANOL see: DO7525000
ADRIBLASTIN see: AV9800000
ADRIBLASTINA see: AV9800009
ADRIBLASTINA see: QH9295900
ADRIN see: DO3625000
ADRINE see: DO2625000
ADRIZINE see: SI1400000
ADROHIN see: RV8060000
ADRONAL see: GV7875000
ADROYD see: RV8060000
ADRUCIL see: YR0350000
ADS see: DU0200000
ADULIN see: FI5950000
ADUMBRAN see: OF1400000
ADVANTAGE see: EZ3815000
ADVENTAN see: LQ0750000
ADVASTAB 401 see: GO7675000
ADVASTAB 405 see: PA3500000
ADVASTAB 800 see: UR6000000
ADVASTAB 17 MD see: WH6723000
ADVAWAX 140 see: RG1925000
ADYNOL see: AU7416000
AE see: BD0330000
AEA see: MJ1770000
AEGE see: ME8420000

AW1095000 AEGICEROS CORNICULATUM (Linn.) Blanco., extract excluding roots
OES Indian plant belong to the family MYRSINACEAE (IJEBA6 15,208,77)
UPDT:8611

TOXICITY DATA AND REFERENCES:
1H30 — ipr-mus LD50:250 mg/kg — IJEBA6 15,208,77

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

AENH (German) see: YT3150000
AEPHENAL see: CQ6825000
AERBON see: RQ6689000
AERO see: OS0700000
AERO-CYANAMID see: GS6000000
AERO CYANAMID GRANULAR see: GS6000000
AERO CYANAMID SPECIAL GRADE see: GS6000000
AERO CYANATE see: GS6825000
AERO CYANATE WEEDKILLER see: GS6825000
AEROL 1 see: TA0700000
AEROLIN see: ZE4400000
AERO LIQUID HCN see: MW6825000
AEROLITE 300 see: YU1610000
AEROLITE A 300 see: YU1610000
AEROLITE FFD see: YU1610000
AEROL 1 (PESTICIDE) see: TA0700000
AERO PROMOTER 845 see: CY9172000
AEROSEB-DEX see: TU3980000
AEROSEB-HC see: GM8925000
AEROSIL see: VV7310000
AEROSOL 22 see: CI9172000
AEROSOL GPG see: WN0525000
AEROSOL OT see: WN0525000
AEROSOL OT 75 see: WN0525000
AEROSOL OT-B see: WN0525000

AW1980000 AEROSOL of THERMOVACUUM CADMIUM
UPDT:8407 MW: 112.40 MOLFM: Cd
SYN: CADMIUM, THERMOVACUUM AEROSOL
TOXICITY DATA AND REFERENCES:
unk-rat LD50:1365 mg/kg GTPZAB 22(5),6,78
unk-mus LD50:815 mg/kg GTPZAB 22(5),6,78
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3;STEL 200 ug(Cd)/m3 DTLVS* 4,59,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**
AEROTEX GLYOXAL 40 see: MD2700000
AEROTHENE MM see: PA8050000
AEROTHENE TT see: KJ2975000
AEROXANTHATE see: FG1581900

AW2202000 AERVA SANGUINOLENTA (L.) Blume, extract
DEF:Indian plant belonging to the family AMARANTHACEAE (IJEBA6 6,232,68)
UPDT:8302
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:400 mg/kg IJEBA6 6,232,68

AW2203000 AESCHYNOMENE INDICA Linn., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
SYN: SHOLA, extract
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:45 mg/kg IJEBA6 15,208,77
AESCIN (German) see: KF6296000
AESCULETIN DIMETHYL ETHER see: GN6550000

AW2221600 AESCULUS INDICA Colebr., fruit extract
DEF:Indian plant belonging to the family HIPPOCASTENACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: PANGAB FRUIT EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:187 mg/kg IJEBA6 12,512,74

AW2221610 AESCULUS INDICA Colebr., stem bark extract
DEF:Indian plant belonging to the family HIPPOCASTANACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: PANGAB STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:50 mg/kg IJEBA6 6,232,68

AW2221700 AESCULUS PUNDUANA Wall., extract excluding roots
DEF:Indian plant belonging to th family HIPPOCASTANACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30/30M10 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71
AESCULAN see: KF6296000
AESTOCIN see: AH2790000
AET see: UM0175000
AET BROMIDE see: UM0175000
AET DICHLORIDE see: UM0190000
AET DIHYDROBROMIDE see: UM0175000
AETHALDIAMIN (German) see: RH8575000
AETHANETHIOL (German) see: KI9625000
AETHANOL (German) see: RQ6300000
AETHANOLAMIN (German) see: KJ5775000
AET-THDB see: UM0175000
AETHER see: KI5775000
AETHIMONIUM see: UV7065000
2-AETHINYLBUTANOL see: SC4900000
AETHISTERON see: TU5570250
AETHOBROMID des alpha,alpha-DICYCLOPENTYLESSIGSAEURE beta'-DIAETHYLAMINOAETHYLESTER (German) see: BR1210000
AETHON see: RM6475000
AETHOPROPOPAZIN see: SQ4900000
AETHOSUXIMIDE (German) see: WN7800000
2-(2-AETHOXY-AETHOXY)-AETHYL-3,6,9-TRIOXA-UNDECAN (German) see: AB7831000
2-AETHOXY-AETHYLACETAT (German) see: BB8775000
3-(AETHOXYCARBONYLAMINOPHENYL)-N-PHENYL-CARBAMAT (German) see: FD0425000
2-AETHOXY-6,9-DIAMINOACRIDINLACTAT (German) see: OB4775000
p-AETHOXYPHENYLHARNSTOFF (German) see: YT3275000
5-AETHOXY-3-TRICHLORMETHYL-1,2,4-THIADIAZOL (German) see: XI3875000
AETHYLACETAT (German) see: AH5475000
AETHYL ACETOXYMETHYLNITROSAMIN (German) see: AH5601500
1-AETHYL-2-ACETYLHYDRAZID (German) see: AH5600500
AETHYLACRYLAT (German) see: AT0700000
AETHYL-AETHANOL-NITROSOAMIN (German) see: KL0350000
AETHYLALKOHOL (German) see: KQ6300000
AETHYLAMINE (German) see: KH2100000
4-AETHYLAMINO-2-tert-BUTYLAMINO-6-METHYLTHIO-s-TRIAZIN (German) see: XY4725000
2-AETHYLAMINO-5-BUTYL-4-YL-DIMETHYLSULFAMAT (German) see: WO5970000
2-AETHYLAMINO-4-CHLOR-6-ISOPROPYLAMINO-1,3,5-TRIAZIN (German) see: XY5600000
2-AETHYLAMINO-6-CHLOR-4-METHYL-4-PHENYL-4H-3,1-BENZOXAZIN (German) see: DM3028000
2-AETHYLAMINO-3-PHENYL-NOR-CAMPHAN (German) see: RB6825000
AETHYLANILIN (German) see: BX9780000
AETHYLBENZOL (German) see: DA0700000
AETHYLBENZYLKETONMELVETHLOSID (German) see: FH4945000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-PHENYLMETHYL)PROPYLIDENE)-beta-D- ribo-HEXOPYRANOSYL)-5,14-DIHYDROXY-19-OXO-
AETHYLBUTYLKETON (German) see: MJ5250000
AETHYL-n-BUTYL-NITROSOAMIN (German) see: EO5075000
AETHYL-t-BUTYL-NITROSOAMIN (German) see: EO5100000
AETHYLCARBAMAT (German) see: FA8400000
S-AETHYL-N-(3-CHLOR-4-BROM-PHENYL)-DITHIOCARBAMAT (German) see: FD7560000
AETHYLCHLORID (German) see: KH7525000
S-AETHYL-N-(2-CHLOR-PHENYL)-DITHIOCARBAMAT (German) see: FD7750000
S-AETHYL-N-(3-CHLOR-PHENYL)-DITHIOCARBAMAT (German) see: FD7745000
S-AETHYL-N-(4-CHLOR-PHENYL)-DITHIOCARBAMAT (German) see: FD7755000
AETHYL-CHLORVYNOL see: SB4725000
1-AETHYL-CYCLOHEXANOL-(1) (German) see: GV9040000
S-AETHYL-N-(3,4-DICHLOR-PHENYL)-DITHIOCARBAMAT (German) see: FD8691000
O-AETHYL-S,S-DIPHENYL-DITHIOPHOSPHAT (German) see: TE3850000
S-AETHYL-N,N-DIPROPYLTHIOLCARBAMAT (German) see: FA4550000
AETHYLEN-BIS-THIURAMMONOSULFID (German) see: NX8580000
AETHYLENBROMID (German) see: KH9275000
AETHYLENCHLORID (German) see: KI0525000
AETHYLENECHLORHYDRIN (German) see: KK0875000
AETHYLENEDIAMIN (German) see: KH8575000
AETHYLENGLYKOLAETHERACETAT (German) see: KK8225000
AETHYLENGLYKOLMETHYLAETHERACETAT (German) see: KL5950000
AETHYLENGLYKOL-MONOMETHYLAETHER (German) see: KL5775000
AETHYLENIMIN (German) see: KX5075000
2-AETHYLEN[IMINO-5,6,7,8-TETRAHYDRO-NAPHTHOCHINON-1 4 (German) see: QL7355000
AETHYLENOXID (German) see: KX2450000
AETHYLENSULFID (German) see: KX3500000
AETHYLFORMIAT (German) see: LQ8400000
AETHYLHARNSTOFF UND NATRIUMNITRIT (German) see: YT3650000
AETHYLHARNSTOFF UND NITRIT (German) see: YT3650000
S-AETHYL-N-HEXAHYDRO-1H-AZEPINTHIOLCARBAMAT (German) see: CM2625000
AETHYLIDENCHLORID (German) see: KI0175000
AETHYLIS see: KH7525000
AETHYLIS CHLORIDUM see: KH7525000
2-(O-AETHYL-N-ISOPROPYLAMIDOTHIOPHOSPHORYLOXY)-BENZOLSAEURE-ISOPROPYLESTER (German) see: VO4395500
AETHYL-ISOPROPYL-NITROSOAMIN (German) see: IA3400000
AETHYLMERCAPTAN (German) see: KI9625000
AETHYLMETHYLKETON (German) see: EL6475000
2-AETHYL-6-METHYL-N-(1-METHYL-2-METHOXYAETHYL)-CHLORACETANILID (German) see: AN3430000
O-AETHYL-O-(3-METHYL-4-METNYLTHIOPHENYL)-ISOPROPYLAMIDO-PHOSPHORSAEUREESTER (German) see: TB3675000
N-AETHYL-N'-NITRO-N-NITROSOGUANIDIN (German) see: MF2465000
S-AETHYL-N-(4-NITRO-PHENYL)-DITHIOCARBAMAT (German) see: FD8892300
O-AETHYL-O-(4-NITRO-PHENYL)-PHENYL-MONOTHIOPHOSPHONAT (German) see: TB1925000
AETHYLNITROSO-HARNSTOFF (German) see: YT3150000
AETHYLNITROSOURETHAN (German) see: FB0350000
AETHYLOCTYLKETONMELVETICOSID (German) see: FH4919300 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-ETHYLNONYLIDENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO
Z-(3-AETHYL-4-OXO-5-PIPERIDINO-THIAZOLIDIN-2-YLIDEN)-ESSIGSAURE-AETHYLESTER (German) see: XJ5131750
3-AETHYL-PENTANOL-(3) (German) see: SA6780000
3-AETHYL-PENTIN-(1)-OL-(3) (German) see: SC4857000
O-AETHYL-S-PHENYL-AETHYL-DITHIOPHOSPHONAT (German) see: TA5900000
S-AETHYL-N-PHENYL-DITHIOCARBAMAT (German) see: FD8892150
AETHYL-4-PICOLYLNITROSAMIN (German) see: UT3675000
N-AETHYLPIPERIDIN (German) see: TM0250000
N-(1-AETHYLPROPYL)-3,4-DIMETHYL-2,6-DINITROANILIN (German) see: BX5470000
N-(1-AETHYLPROPYL)-2,6-DINITRO-3,4-XYLIDIN (German) see: BX5470000
AETHYLRHODANID (German) see: XK9900000
AETHYLSENFOEL (German) see: NX8580000
S-2-AETHYLSULFINYL-1-METHYL AETHYL-O,O DIMETHYL-MONOTHIOPHOSPHAT (German) see: TG1575000
N-AETHYL-N-(2,4,6-TRIJOD-3-AMINOPHENYL)-GLUTARAMIDSAEURE (German) see: MA3060000
N-AETHYL-N-(2,4,6-TRIJOD-3-AMINOPHENYL)-SUCCINAMIDSAEURE (German) see: WM4220000
alpha-AETHYL-beta-(3,4,6-TRIJOD-3-HYDROXYPHENYL)-ACRYLSAEURE (German) see: GD9030000
N-AETHYL-N-(2,4,6-TRIJOD-3-METHOXYPHENYL)-SUCCINAMIDSAEURE (German) see: WM4500000
AETHYLURETHAN (German) see: FA8400000
AETHYL-VINYL-NITROSOAMIN (German) see: YZ0700000
AETHYLZINNTRICHLORID (German) see: WH8270000
AETINA see: MS0350000
AETIVA see: MS0350000
AETM (German) see: NX8580000
AETT see: AL3031000
AF see: AB9625000
AF 1 see: AZ9371000 ALKYL FERROCENE I
AF2 see: AS3510000
AF-2 see: AS3500000
AF-2 see: AZ9371100 ALKYL FERROCENE II
AF 64 see: KK1370000
AF 101 see: YS8925000
AF 263 see: BO0940000
AF 434 see: WM5530000
AF-634 see: BO0689000
AF 864 see: NK7875000
AF 983 see: AF5085000
AF 1161 see: YM1431000
AF 1890 see: NK7886000
AF 66A see: CM9620000
AFALON see: YS9100000
AFALON INURON see: YS9100000
AFASTOGEN BLUE 5040 see: NB3500000
AFATIN see: SI1400000
A-FAX see: UD1842000
AFAXIN see: VH6750000
AFB1 see: GY1925000
AFBI see: GY1925000
A.F. BLUE NO. 1 see: BQ4550000
A.F. BLUE No. 2 see: DU3000000
AFCOLAC B 101 see: WL6478000
AFCOLENE see: AT6978000
AFCOLENE see: WL6475000

BEST COPY AVAILABLE

AFCOLENE 666 see: WL6475000
AFCOLENE S 100 see: WL6475000
AFCORYL see: AT6970000
AFERONTANY see: QA4280000
AFESIN see: YS6425000
A.F. GREEN NO. 1 see: BQ4375000
A.F. GREEN NO. 2 see: BQ4900000
AFIBRIN see: MO6300000
AFICIDA see: EZ9100000
AFICIDE see: GV4900000
A-FIL CREAM see: XR2275000
AFILINE see: EL9215000
AFI-PHYLLIN see: XM5100000
AFI-TIAZIN see: SN5075000
AFKO-MIST see: UT0875000
AFKO-SAL see: VM6475000
AFL 1081 see: AC1225000
AFL 1082 see: AE2975000

AW5941000 AFLATOXICOL M1
UPDT:8408 CAS: 64330-03-6 MW: 330.31 MOLFM: C17-H14-O7
MUTATION DATA AND REFERENCES:
mma-sat 2 ug/plate FCTOD7 21,557,83

AW5950000 AFLATOXIN
UPDT:8412 CAS: 1402-68-2
MUTATION DATA AND REFERENCES:
dlt-mus-ipr 68 mg/kg NATUAS 219,385,68
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T26T34T46 par-hom TDLo:4 mg/kg (8D preg) DABBBA 34,5251,73
1T53 par-hom TDLo:6 mg/kg (8D preg) DABBBA 34,5251,73
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:7788 ug/kg/13W-C NATUAS 202,1016,64
3V03T65L60 orl-rat TDLo:2250 ug/kg (10-21D preg) CNREA8 33,262,73
3V03L12Y15 mul-mky TDLo:71 mg/kg/6Y-I FCTXAV 10,519,72
3V03L60M61 orl-rat TD :62 mg/kg/37W-C IJCNAW 4,422,69
3V03L60K60 orl-rat TD :87 mg/kg/52W-C NATUAS 209,90,66
3V03K60L60 orl-rat TD :66 mg/kg/52W-C NATUAS 209,90,66
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:229 ug/kg/8W LANCAO 1,1061,75
2L02Y55 orl-mky LD50:1750 ug/kg FCTXAV 14,227,76
2L02Y55 ims-mky LD50:2020 mg/kg FCTXAV 14,227,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LLOYA2 38(1),21,75; JAVMA4 164(3),277,74; 32XPAD -,49,75; IJNDAN 8(2),85,71; FCTXAV 6,80,68; ZKKOBW 78,99,72
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 10,51,76
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AFLATOXIN B see: GY1925000
AFLATOXIN B1 see: GY1925000
AFLATOXIN B2 see: GY1722000
AFLATOXIN B1 mixed with AFLATOXIN G1 see: AW6825000
AFLATOXIN B1-2,3-DICHLORIDE see: GY1700000
AFLATOXIN G1 see: LV1720000
AFLATOXIN G2 see: LV1700000

AW6825000 AFLATOXIN G1 mixed with AFLATOXIN B1
DEF:AFLATOXIN G1, 36.4%, AFLATOXIN B1, 37.7% (BJCAAI 17,691,63)
UPDT:8431
SYN: AFLATOXIN B1 mixed with AFLATOXIN G1
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-mus TDLo:68 mg/kg (1D male) TXAPA9 23,288,72
TUMORIGENIC DATA AND REFERENCES:
3V03L60N60 orl-rat TDLo:66 mg/kg/66W-C BJCAAI 20,134,66
2V02V10 scu-rat TDLo:1760 ug/kg/44W-I BJCAAI 19,392,65
3V01J60L60 itr-rat TDLo:72 mg/kg/30W-I BJCAAI 20,134,66
2V02V10 scu-mus TDLo:18 mg/kg/23W-I BJCAAI 19,392,65
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:68 mg/kg TXAPA9 23,288,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IJNDAN 8(2),85,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AFLATOXIN M1 see: GY1880000
AFLATOXIN M2 see: GY1720000
AFLATOXIN P1 see: GY1775000
AFLIX see: TE1050000
AFLON see: KK4025000
AFLOQUALONE see: VA2350000
AFLOXAN see: HL3520500
AFLUON see: QM3325000
AFNOR see: MK5335000
A.F. ORANGE NO. 1 see: DB7085000
A.F. ORANGE NO. 2 see: GL9425000
AFOS see: PB3850000
AF 2 (PRESERVATIVE) see: AS3500000
AFRAZINE see: SR1225000
A.F. RED NO. 1 see: GJ6650000
A.F. RED NO. 5 see: GL5850000
AFRIN see: SR1225000
AFRIN HYDROCHLORIDE see: SR1225000
AFSILIN see: RH9450000
AF 1919/75 see: NK7885000
AFUGAN see: TF2035000
AFV 3 see: DU8333500
AFV 5 see: DU8341100
AF-V33 see: UE8862000
A.F. VIOLET No 1 see: BQ1160000
A.F. YELLOW NO. 3 see: GM4725000
A.F. YELLOW NO. 3 see: GM5400000
A.F. YELLOW NO. 4 see: UG6400000
A.F. YELLOW NO. 5 see: GK2450000
3A6 see: MF8752000
AG 3 see: FF5250100
AG 5 see: FF5250100
AG 3 see: AG9500000
8 AG see: RZ6157000
AG 30 see: UR8442000
AG 35 see: UR8520000
AG 39 see: UR8464830
AG 41 see: UR8449800
AG 42 see: UR8464820
AG 43 see: UR8464800
AG 44 see: UR8459000
AG 45 see: UR8464810
AG 48 see: VX9295000
AG 53 see: UR8448000
AG 54 see: UR8530000
AG 55 see: UR8442100
AG 61 see: UR8416000
AG 52 see: UR8464700
AG 233 see: UR8360000
AG 5895 see: LZ4296200
A.G. 33-187 see: UR8925000
AG 58107 see: LZ4296300
AG 3 (ADSORBENT) see: FF5250100
AG 5 (ADSORBENT) see: FF5250100
AGAI EXTRACT (Indian) see: IN5443000
AGALDOG see: SL0580000
AGALITE see: WW2710000
AGALLOL see: OW0875000
AGALLOLAT see: OW0875000
AGALOL see: OW0875000

AW7900000 AGAPETES SIKKIMENSIS Airyshow, extract excluding roots
DEF:Indian plant belonging to the family ERICACEAE (UEBA6 18,594,80)
UPDT:8311
TOXICITY DATA AND REFERENCES:
1M72 ipr-mus LD50:750 mg/kg UEBA6 18,594,80

AW7950000 AGAR
UPDT:8412 CAS: 9002-18-0
SYN: AGAR AGAR * AGAR AGAR FLAKE * AGAR AGAR GUM * BENGAL * BENGAL GELATIN * BENGAL ISINGLASS * CEYLON * CEYLON ISINGLASS * CHINESE ISINGLASS * DIGENEA SIMPLEX MUCILAGE * GELOSE * JAPAN AGAR * JAPAN ISINGLASS * LAYOR CABANG * NCI-C50475
TOXICITY DATA AND REFERENCES:
orl-rat LD50:11 gm/kg FDRLI* 124,-,76
orl-mus LD50:16 gm/kg FDRLI* 124,-,76
orl-rbt LD50:5800 mg/kg FDRLI* 124,-,76
orl-hom LD50:6100 mg/kg FDRLI* 124,-,76
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED.RESULTS NEGATIVE.MOUSE, RAT (NTPTR* NTP-TR-230,82)
REPORTED IN EPA TSCA INVENTORY, 1983

AGAR-AGAR see: AW7950000
AGAR AGAR FLAKE see: AW7950000
AGAR-AGAR GUM see: AW7950000
AGARIN see: NY3325000
AGARITINE see: MA1384000
AGAROSE-NEOCARZINOSTATIN see: QO6785000
AGASTEN see: UY0704600
AGATE see: VV7330000

AWB510600 AGAVE ANGUSTIFOLIA Haworth, leaf and stem extract
DEF:Jamaican plant belonging to the family AGAVACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

AGC see: FM9450000
AGE see: RR0875000
AGEDAL see: HP1150000
AGEFLEX AMA see: UE3463000
AGEFLEX BGE see: TX4200000
AGEFLEX CGE see: TZ1225000
AGEFLEX EGDM see: OZ4400000
AGEFLEX FA-2 see: AS8225000
AGEFLEX FA-10 see: AT2190000
AGEFLEX FM-1 see: OZ4200000
AGEFLEX FM-4 see: OZ3500000
AGEFLEX F-4-10 see: OZ5000000
AGEFLEX FM 246 see: OZ4300000
AGEFLEX o-MA see: AT1450000
AGEFLEX PGE see: TZ3675000
AGELIN see: TU3601000
AGEL TG 37 see: PB6325000
AGEL TG 67 see: PB6325000
AGENAP see: QK8750000
AGENE see: QW9740000
AGENT 504 see: ME4375000
AGENT AT 717 see: TR8370000
AGENT BLUE see: CH7525000
AGENT ORANGE see: AG8100000
AGERITE see: SJ7700000
AGERITE see: ST2275000
AGERITE 150 see: JJ9500000
AGERITE ALBA see: SJ7700000
AGERITE DPPD see: ST2275000
AGERITE I50 see: JJ9500000
AGERITE POWDER see: QM4550000
AGERITE WHITE see: ST2100000
AGEROPLAS see: KK7400000
AGGLUTININ see: AA5250000
AGIDOL see: GO7875000
AGIDOL 1 see: GO7875000
AGILENE see: TQ3325000
AGIOLAN see: VM6750000
AGI TALC, BC 1615 see: WW2710000
AGKISTRODON BILINEATUS TAYLORI VENOM see: YX4182130
AGKISTRODON BILINEATUS TAYLORI VENOM see: YX4251000
AGKISTRODON CONTORTRIX MOKASEN VENOM see: YX4256000
AGKISTRODON PISCIVORUS PISCIVORUS VENOM see: YX4256700

AW9597200 AGLAIA ROXBURGHIANA Miq. var. COURTALLENSIS Gamble, extract excluding roots
DEF:Indian plant belonging to the family MELIACEAE (UEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:280 mg/kg UEBA6 12,512,74

AGNICID see: YS4550000
AGLIBAL see: VS7800000
AGLUMIN see: DB6145000
AgM see: LU3483000
AGOFOLLIN see: KO4725000

TOXICITY DATA
OMISSION OF A SUBSTANCE OR NOTATION DOES HAVE NOT BEEN EVALUATED
S NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

AGOJODO see: UB1950000
AGOSTILBEN see: WJ5600000
AGOVIRIN see: XA3115000
AGP see: MA4027000

AX0247000 AGRAL 90
UPDT:8309 CAS: 39453-05-9 MW: 572.87 MOLFM: C31-H36-O9
SYN: LISSAPOL NX * SYNPERONIC NX
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4000 mg/kg FMCHA2 -,C7,83

AGRAZINE see: SN5075000
AGREFLAN see: XU9275000
AGRESTIN see: KG7744000
AGRIA 1050 see: TG0350000
AGRIBON see: WO9030000
AGRICIDE MAGGOT KILLER (F) see: XW3250000
AGRICULTURAL LIMESTONE see: EV9580000
AGRIDIP see: GN6300000
AGRIFLAN 24 see: XU9275000
AGRI-MYCIN see: WK4990000
AGRIMYCIN 17 see: WK4375000
AGRION see: AG8925000
AGRISIL see: TB0700000
AGRISOL G-20 see: GV4900000
AGRISTREP see: WK4990000
AGRITAN see: KJ3325000
AGRITOX see: AG1575000
AGRITOX see: TB0700000
AGRIYA 1050 see: TG0350000
AGRIZAN see: GL7020000
A-GRO see: TG0175000
AGROCERES see: PC0700000
AGROCIDE see: GV4900000
AGROCIDE 2 see: GV4900000
AGROCIDE III see: GV4900000
AGROCIDE 7 see: GV4900000
AGROCIDE 6G see: GV4900000
AGROCIDE WP see: GV4900000
AGROCLAVINE see: KE6325000
AGROCYBIN see: RH2100000
AGROFORM see: YU1610000
AGROFOROTOX see: TA0700000
AGROMICINA see: QI8750000
AGRONAA see: QJ0875000
AGRONAL see: OV7430000
AGRONEXIT see: GV4900000
AGROSAN see: OV6475000
AGROSAN GN 5 see: OV6475000
AGROSOL see: OW1750000
AGROSOL S see: GW5075000
AGROTECT see: AG6825000
AGROTHION see: TG0350000
AGROXON see: AG1575000
AGROXONE see: AG1575000
AGROXONE 3 see: AG2625000
AGROX 2-WAY AND 3-WAY see: GW5075000
AGRYPNAL see: CQ6825000
AGSTONE see: EV9580000
AGUATHOL see: RM8225000
AH see: UT1225000
AH-42 see: UT1400000
AH 289 see: TL2100000
AH 501 see: DW2275000
AH-2250 see: YK6125000
AH 3232 see: DE8750000
AH 3365 see: ZE4400000
AH 5183 see: GW0759950
AH 8165 see: NJ5830100
AHy see: UH4429200
AHA see: AK8157000
AH 5158A see: CV5376000
AHANON see: TH9200000
AHCOCID CARMINE 2G see: QJ6030000
AHCOCID FAST SCARLET R see: QJ6825000
AHCO DIRECT BLACK GX see: QJ6160000
AHCOVAT PRINTING GOLDEN YELLOW see: HO7030000
AHCTL see: AC8680000
AH 8165D see: NJ5830100
AH-289 HYDROCHLORIDE see: TL2200000
AHISTAN see: SO9240000
AHR 233 see: RQ3500000
AHR 504 see: UY4337630
AHR-619 see: UY5770000
AHR-3018 see: UQ9835000
AHR-3053 see: AY4341000
AHR 3219 see: XZ6158300
AHYDOL (Russian) see: DC3750000
A 66 HYDROCHLORIDE see: QE6650000
A 446 HYDROCHLORIDE see: QE3020000
A-HYDROCORT see: GM9015000
AHYGROSCOPIN-B see: UY9100000
AHYPNON see: MA4550000

AX4986000 AI3-9768
UPDT:8307 CAS: 79303-42-7
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A096-397

AX4993000 AI3-14145
UPDT:8307 CAS: 79303-43-8
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A096-397

AX5040000 AI3-20351
UPDT:8303
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A114-595
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:4311 mg/kg NTIS** AD-A114-595

AI3-20871 see: AB2831000
AI 3-22542 see: XS3675000
AI 3-27985 see: GZ1231000
AI 3-29024 see: GZ1472000
AI3-29158 see: GZ1255000

AX5220300 AI3-30105
UPDT:8307 CAS: 79303-44-9
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A096-397

AI3-36016 see: LV2018000
AI3-36028 see: UQ1355000
AI3-36368 see: VC2982000
AI3-36404 see: QE6239900
AI3-36420 see: NX5110000
AI3-36536 see: TM6537500
AI3-36537 see: TM6537600
AI3-36538 see: TM6537700
AI3-36539 see: TM6537200
AI3-36540 see: TM6537000
AI3-36543 see: TN1275800
AI3-36558 see: TN1276000
AI3-36559 see: TN1277000
AI3-36560 see: TN0352000
AI3-36561 see: TM7294000
AI3-36563 see: UT8356500
AI3-36564 see: TN1275620
AI3-36565 see: TN1275630
AI3-36566 see: TN1275640

AX5229260 AI3-36567
UPDT:8401 CAS: 76050-33-4
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A084-861

AI3-36570 see: UT8356000

AX5230400 AI3-37135
UPDT:8307 CAS: 77251-49-1 MW: 181.31 MOLFM: C11-H19-N-O
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A087-648

AX5230450 AI3-37156
UPDT:8307 CAS: 77251-50-4 MW: 245.40 MOLFM: C16-H23-N-O
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A087-648

AX5230460 AI3-37157
UPDT:8307 CAS: 77251-48-0 MW: 245.40 MOLFM: C16-H23-N-O
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A087-648
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:3300 mg/kg NTIS** AD-A087-648

AX5230600 AI3-37220
UPDT:8307 CAS: 77251-47-9 MW: 207.35 MOLFM: C13-H21-N-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A087-646
eye-rbt 100 mg/24H MLD NTIS** AD-A087-646
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:1270 mg/kg NTIS** AD-A087-646

AX5230610 AI3-37221
UPDT:8307 CAS: 69462-44-8 MW: 207.35 MOLFM: C13-H21-N-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A087-811
eye-rbt 100 mg/24H MOD NTIS** AD-A087-811

AX5230620 AI3-37224
UPDT:8307 CAS: 77251-46-8 MW: 191.30 MOLFM: C12-H17-N-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A087-646
eye-rbt 100 mg/24H MLD NTIS** AD-A087-646
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:4300 mg/kg NTIS** AD-A087-646

AX5230630 AI3-37225
UPDT:8307 CAS: 69462-46-0 MW: 208.34 MOLFM: C12-H20-N2-O
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MOD NTIS** AD-A087-811

AX5231000 AI3-37545
UPDT:8307 CAS: 79303-46-1
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:2900 mg/kg NTIS** AD-A096-233

AX5231075 AI3-37560
UPDT:8306
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A104-452
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:4300 mg/kg NTIS** AD-A104-452

AX5231080 AI3-37561
UPDT:8306
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A104-452
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:9700 mg/kg NTIS** AD-A104-452

AX5231085 AI3-37562
UPDT:8306
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A104-452
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:4300 mg/kg NTIS** AD-A104-452

AX5231090 AI3-37563
UPDT:8306
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A104-452
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:6500 mg/kg NTIS** AD-A104-452

AX5231095 AI3-37564
UPDT:8306
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:6500 mg/kg NTIS** AD-A104-452

AX5231210 AI3-37685
UPDT:8307 CAS: 79303-49-4
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A096-397

AX5231230 AI3-37916
UPDT:8307 CAS: 79303-50-7
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV NTIS** AD-A096-397

AX5231270 AI3-38011
UPDT:8403
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A113-905

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:9700 mg/kg NTIS** AD-A113-905

AX5231290 AI3-38012
UPDT:8402
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A113-905
eye-rbt 100 mg/24H MLD NTIS** AD-A113-905
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:9700 mg/kg NTIS** AD-A113-905

AX5231320 AI3-38013
UPDT:8402
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A113-905
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:9700 mg/kg NTIS** AD-A113-905

AX5231350 AI3-38193
UPDT:8407
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD AEHA** 75-51-0291-82
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:6460 mg/kg AEHA** 75-51-0291-82

AX5231400 AI3-38266
UPDT:8402
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD AEHA** 75-51-0291-82
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:4311 mg/kg AEHA** 75-51-0291-82

AI3-50172 see: CM6766000
AI3-61969 see: SZ5990100

AX5231500 AI3-382709
UPDT:8307
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD AEHA** 75-51-0291-82
eye-rbt 100 mg/24H MLD AEHA** 75-51-0291-82

AX5231581 AI3-20816-a
UPDT:8307 CAS: 78809-80-8
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD AEHA** 75-51-0148-81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6500 mg/kg AEHA** 75-51-0148-81

AI3-33515-a see: CM3341000
AI3-36540-a see: TM6537000

AX5231630 AI3-36747-a
UPDT:8307 CAS: 76415-83-3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A086-187
eye-rbt 100 mg/24H MLD NTIS** AD-A086-187
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:4900 mg/kg NTIS** AD-A086-187

AX5231640 AI3-36976-a
UPDT:8403 CAS: 87003-09-6
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A125-408
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:4300 mg/kg NTIS** AD-A125-408

AX5231650 AI3-36977-a
UPDT:8403 CAS: 87003-10-9
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A125-408

AX5231670 AI3-37013-a
UPDT:8403 CAS: 87003-11-0
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A125-408

AX5231680 AI3-37014-a
UPDT:8403 CAS: 87003-12-1
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A125-408

AX5231690 AI3-37015-a
UPDT:8403 CAS: 87003-13-2
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A125-408

AX5233200 AI3-37330-a
UPDT:8307 CAS: 80146-99-2
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:1272 mg/kg NTIS** AD-A100-411

AX5233205 AI3-373331-a
UPDT:8312 CAS: 79920-28-8
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:4300 mg/kg NTIS** AD-A096-269

AX5233210 AI3-37332-a
UPDT:8307 CAS: 80147-00-8
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A100-411
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:1270 mg/kg NTIS** AD-A100-411

AX5233245 AI3-37339-a
UPDT:8307 CAS: 80147-01-9
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:1916 mg/kg NTIS** AD-A100-411

AX5233265 AI3-37343-a
UPDT:8307 CAS: 80147-02-0
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A100-411
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:851 mg/kg NTIS** AD-A100-411

AX5233280 AI3-37346-a
UPDT:8307 CAS: 80147-03-1
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A100-411
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:1900 mg/kg NTIS** AD-A100-411

AX5233285 AI3-37347-a
UPDT:8306
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A104-452
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:4300 mg/kg NTIS** AD-A104-452

AX5233295 AI3-37349-a
UPDT:8307 CAS: 80147-04-2
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A100-411
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:851 mg/kg NTIS** AD-A100-411

AX5233310 AI3-37351-a
UPDT:8306
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:4300 mg/kg NTIS** AD-A104-452

AX5233320 AI3-37352-a
UPDT:8306
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:9700 mg/kg NTIS** AD-A104-452

AX5233330 AI3-37353-a
UPDT:8306
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A104-452
eye-rbt 100 mg/24H MLD NTIS** AD-A104-452
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:9700 mg/kg NTIS** AD-A104-452

AX5235000 AI3-37406-a
UPDT:8401 CAS: 73666-90-7
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-A072-425

AX5235005 AI3-37407-a
UPDT:8401 CAS: 73666-89-4
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-A072-425

AX5235195 AI3-37445-a
UPDT:8307 CAS: 78809-82-2
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD AEHA** 75-51-0146-81
eye-rbt 100 mg/24H MLD AEHA** 75-51-0146-81

AX5236000 AI3-37489-a
UPDT:8307 CAS: 79303-51-8
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV NTIS** AD-A100-411

AX5236200 AI3-37490-a
UPDT:8307 CAS: 79303-52-9
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV NTIS** AD-A096-397

AX5236500 AI3-37499-a
UPDT:8307 CAS: 79303-53-0
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV NTIS** AD-A096-397

AX5236700 AI3-37506-a
UPDT:8307 CAS: 79303-54-1
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV NTIS** AD-A096-397

AX5237500 AI3-37568-a
UPDT:8307 CAS: 79303-55-2
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A096-397

AX5237550 AI3-37577-a
UPDT:8307 CAS: 79303-56-3
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A096-397

AX5237575 AI3-37582-a
UPDT:8307 CAS: 79303-57-4
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV NTIS** AD-A096-397

AX5237900 AI3-37686-a
UPDT:8307 CAS: 79303-58-5
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A096-397

AX5239005 AI3-38098-a
UPDT:8307 CAS: 79303-59-6
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A096-397

AX5239010 AI3-38099-a
UPDT:8307 CAS: 79303-60-9
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A096-397

AX5239020 AI3-38100-a
UPDT:8403
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A115-748

AX5239030 AI3-38101-a
UPDT:8403
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A115-748

AX5239040 AI3-38102-a
UPDT:8403
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A115-748
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:1908 mg/kg NTIS** AD-A115-748

AX5239100 AI3-38191-a
UPDT:8403
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A131-588

AX5239120 AI3-38222-a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A130-068
eye-rbt 100 mg/24H NTIS** AD-A130-068

AX5239130 AI3-38223-a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A130-068

AX5239140 AI3-38226-a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A130-068
eye-rbt 100 mg/24H NTIS** AD-A130-068

AX5239150 AI3-38230-a
UPDT:8403
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD NTIS** AD-A130-068
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:1914 mg/kg NTIS** AD-A130-068

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

AX5239205 AI3-38265a
UPDT:8307 CAS: 79303-61-0
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A096-397
AX5239220 AI3-38268a
UPDT:8307 CAS: 79303-62-1
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A096-397
AX5239225 AI3-38269a
UPDT:8307 CAS: 79303-63-2
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A096-397
AX5239230 AI3-38270a
UPDT:8402
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A117-453
eye-rbt 100 mg/24H MLD NTIS** AD-A117-453
AX5239281 AI3-38272a
UPDT:8402
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD AEHA** 75-51-0291-82
eye-rbt 100 mg/24H MLD AEHA** 75-51-0291-82
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:1272 mg/kg AEHA** 75-51-0291-82
AX5239290 AI3-38293a
UPDT:8402
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD AEHA** 75-51-0291-82
AX5239293 AI3-38296a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD AEHA** 75-51-0291-82
AX5239296 AI3-38299a
UPDT:8402
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD AEHA** 75-51-0291-82
eye-rbt 100 mg/24H MLD AEHA** 75-51-0291-82
AX5239310 AI3-38305a
UPDT:8403
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV NTIS** AD-A131-515
AX5239320 AI3-38306a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A131-515
eye-rbt 100 mg/24H MOD NTIS** AD-A131-515
AX5239330 AI3-38313a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A131-515
eye-rbt 100 mg/24H MOD NTIS** AD-A131-515
AX5239340 AI3-38314a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A131-515
eye-rbt 100 mg/24H MOD NTIS** AD-A131-515
AX5239350 AI3-38315a
UPDT:8403
IRRITATION DATA AND REFERENCES
skn-rbt 500 mg/24H MLD NTIS** AD-A131-515
eye-rbt 100 mg/24H MOD NTIS** AD-A131-515
AX5239370 AI3-38321a
UPDT:8403
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MOD NTIS** AD-A114-594
AX5239380 AI3-38323a
UPDT:8405
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MOD NTIS** AD-A115-749
eye-rbt 100 mg/25S rns MOD NTIS** AD-A115-749
AX5239390 AI3-38324a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A115-749
eye-rbt 100 mg/24H MOD NTIS** AD-A115-749
AX5239410 AI3-38325a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-A114-594
AX5239420 AI3-38326a
UPDT:8403
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MOD AEHA** 75-51-0313-82
AX5239430 AI3-38348a
UPDT:8403
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MOD AEHA** 75-51-0313-82
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:567 mg/kg AEHA** 75-51-0313-82
AX5239500 AI3-38350a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A131-588
eye-rbt 100 mg/24H MLD NTIS** AD-A131-588
AX5239600 AI3-38420a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-A131-225
AX5239700 AI3-38421a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-A131-225
AX5239800 AI3-38422a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-A131-225
AX5239900 AI3-38423a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-A131-225

AX5240100 AI3-38424a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-A131-225
AX5240200 AI3-38425a
UPDT:8403
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MOD NTIS** AD-A131-587
eye-rbt 100 mg/25S rns MOD NTIS** AD-A131-587
AX5240210 AI3-38426a
UPDT:8410
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MOD NTIS** AD-A132-671
eye-rbt 100 mg/25S rns MOD NTIS** AD-A132-671
AX5240300 AI3-38509a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-A131-225
AX5240500 AI3-38870a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-A131-225
AX5240600 AI3-38871a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-A131-225
AX5240700 AI3-38872a
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-A131-225
AX5240800 AI3-26881b
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A131-587
eye-rbt 100 mg/24H MOD NTIS** AD-A131-587
eye-rbt 100 mg/25S rns MOD NTIS** AD-A131-587
AX5240900 AI3-30807b
UPDT:8403
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MOD AEHA** 75-51-0303-82
AX5241000 AI3-36318-b
UPDT:8403 CAS: 67015-82-1
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD NTIS** AD-A049-072
AIA see: AI5010000
AIB see: AY7000000
AI-77-B see: MP5150000
AIBN see: UG0800000
AI3-36536-Ga see: TM6537700
AX5252900 AI3-70897Ga
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV NTIS** AD-A132-205
eye-rbt 100 mg/24H MOD NTIS** AD-A132-205
eye-rbt 100 mg/25S rns MOD NTIS** AD-A132-205
AX5264200 AI3-70307Gd
UPDT:8403
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV NTIS** AD-A129-769
AIGLONYL see: BZ3400000
AX5264685 AILANTHUS ALTISSIMA (Mill.) Swingle, extract excluding roots
DEF:Indian plant belonging to the family SIMARUBACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2F07U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77
AX5264690 AILANTHUS EXCELSA Roxb., stem bark extract
DEF:Indian plant belonging to the family SIMARUBACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: AKASHNEEM STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:166 mg/kg IJEBA6 7,250,69
AIMAX see: EC1490000
AIMSAN see: AI7875000
AX5264720 AINSLIAEA APTERA DC., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:375 mg/kg IJEBA6 11,43,73
AX5264740 AINSLIAEA PTEROPODA DC., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 6,232,68)
UPDT:8303
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 6,232,68
AIP see: BD1400000
AIPTASIA PALLIDA VENOM see: YX4183780
AIPYSURUS DUBOISII VENOM see: YX4183830
AIPYSURUS LAEVIS VENOM (AUSTRALIA) see: YX4183840
AX5271000 AIR, refrigerated liquid
UPDT:8403
SYN: UN 1003 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS, OXIDIZER CFRGBR 49,172.102,83
AIRBRON see: HA1660000
AX5275000 AIR, (compressed) (DOT)
UPDT:8308
SYN: UN 1002 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82
AIREDALE BLACK ED see: QJ6160000
AIREDALE BLUE 2BD see: QJ6400000
AIREDALE BLUE D see: QJ6420000
AIREDALE BLUE FFD see: QJ6430000
AIREDALE BLUE IN see: DU3000000
AIREDALE BLUE RL see: QJ6300000
AIREDALE CARMOISINE see: QK1925000
AIREDALE GREEN BWD see: QJ6195050
AIREDALE ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

AIREDALE RED RM see: QJ6478000
AIREDALE SCARLET 3BD see: QJ6476000
AIREDALE VIOLET ND see: QK1420000
AIREDALE YELLOW E see: DB5042500
AIREDALE YELLOW 3GM see: DV3910000
AIREDALE YELLOW T see: UQ6400000
AIR-FLO GREEN see: CG3385000
AIRONE see: ZM4950000
AISELAZINE see: TH9000000
AISEMIDE see: CB2625000
AITC see: NX8225000
AIZEN ACID VIOLET 5BH see: BQ1140000
AIZEN AMARANTH see: QJ6550000
AIZEN AURAMINE see: BY3675000
AIZEN AURAMINE CONC. SPA see: BY3675000
AIZEN AURAMINE OH see: BY3675000
AIZEN BRILLIANT ACID PURE BLUE VH see: BP6830000
AIZEN BRILLIANT BLUE FCF see: BQ4550000
AIZEN BRILLIANT SCARLET 3RH see: QJ6530000
AIZEN CRYSTAL VIOLET see: BO9000000
AIZEN CRYSTAL VIOLET EXTRA PURE see: BO9000000
AIZEN DIAMOND GREEN GH see: BP6825000
AIZEN DIRECT BLUE 2BH see: QJ6400000
AIZEN DIRECT DARK GREEN BH see: QJ6195050
AIZEN DIRECT DEEP BLACK EH see: QJ6160000
AIZEN DIRECT DEEP BLACK GH see: QJ6160000
AIZEN DIRECT DEEP BLACK RH see: QJ6160000
AIZEN DIRECT SKY BLUE 5BH see: QJ6420000
AIZEN EOSINE GH see: LM5850000
AIZEN ERYTHROSINE see: LM5950000
AIZEN FOOD BLUE NO. 2 see: BQ4725000
AIZEN FOOD GREEN NO. 3 see: BQ4425000
AIZEN FOOD ORANGE NO. 1 see: DB7085000
AIZEN FOOD ORANGE NO. 2 see: QL5425000
AIZEN FOOD RED NO. 5 see: QL5850000
AIZEN FOOD VIOLET NO. 1 see: BQ1140000
AIZEN FOOD YELLOW NO. 5 see: QK2450000
AIZEN MAGENTA see: CX9855000
AIZEN METANIL YELLOW see: DB7329500
AIZEN METHYLENE BLUE BH see: SO5600000
AIZEN METHYLENE BLUE FZ see: SO5500000
AIZEN METHYLENE BLUE FZ see: SO5600000
AIZEN NAPHTHOL ORANGE I see: DB7085000
AIZEN ORANGE I see: DB7085000
AIZEN PONCEAU RH see: QJ6825000
AIZEN PRIMULA BROWN BRLH see: GL7375000
AIZEN PRIMULA BROWN PLH see: GL7375000
AIZEN RHODAMINE BH see: BP3675000
AIZEN RHODAMINE BHC see: BP3675000
AIZEN TARTRAZINE see: UQ6400000
AIZEN URANINE see: LM5425000
AJAN see: DM4200000

AX7660000 AJAX, LEMON (SCOURING POWDER)
UPDT:8311
SYN: LEMON AJAX
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD — FCTOD7 20,563,82
eye-rbt 100 mg MOD — FCTOD7 20,573,82
eye-rbt 100 mg/45 rns MLD — FCTOD7 20,573,82

AJINOMOTO see: MA1575000
AJMALAN-17,21-DIOL, (17R,21-alpha)- (9CI) see: AX8050000

AX7750000 AJMALANIUM, 17R,21-alpha-DIHYDROXY-4-PROPYL-, HYDROGEN TARTRATE
UPDT:8403 CAS: 2589-47-1 MW: 518.67 MOLFM: C22-H32-N2-O2 C4-H6-O6
SYN: 17R,21-alpha-DIHYDROXY-4-PROPYLAJMALANIUM HYDROGEN TARTRATE * GT-1012 * NEO-GILURYTMAL * NPA * NPAB * PRAJMALINE BITARTRATE * PRAJMALINE HYDROGEN TARTRATE * N-PROPYLAJMALINE BITARTRATE * N-PROPYLAJMALINE HYDROGEN TARTRATE * N-PROPYLAJMALINIUM BITARTRATE * N-PROPYLAJMALINIUMHYDROGENTARTRAT (German) * N-PROPYLAJMALINIUM HYDROGEN TARTRATE * N(sup 4)-PROPYLAJMALINIUM HYDROGEN TARTRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:120 mg/kg (6-15D preg) — ARZNAD 22,2085,72
2T31T34 orl-rbt TDLo:65 mg/kg (6-18D preg) — ARZNAD 22,2085,72
TOXICITY DATA AND REFERENCES:
orl-wmn LDLo:22 mg/kg — ARTODN 37,135,77
1F08 orl-man TDLo:1400 ug/kg — BMJOAE 2,675,77
" orl-rat LD50:54 mg/kg — ARZNAD 22,2085,72
" ivn-rat LD50:3400 ug/kg — ARZNAD 22,2085,72
" orl-mus LD50:43 mg/kg — MEIEDD 10,1107,83
" ivn-mus LD50:1700 mg/kg — MEIEDD 10,1107,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJMALICIN see: AX7875000

AX7875000 AJMALICINE
UPDT:8403 CAS: 483-04-5 MW: 352.47 MOLFM: C21-H24-N2-O3
SYN: AJMALICIN * ALKALOID II * ALKALOID C * ALKALOID F * 16,17-DIDEHYDRO-19-METHYLOXAYOHIMBAN-16-CARBOXYLIC ACID METHYL ESTER * HYDROSARPAN * LAMURAN * OXAYOHIMBAN-16-CARBOXYLIC ACID, 16,17-DIDEHYDRO-19-METHYL-, METHYL ESTER, (19-alpha)- (9CI) * RANITOL * RAUBASERP * RAUBASIL * RAUBASIN * RAUBASINE * RAUMALINA * RAUVASAN * SARPAN * SUBSTANCE II * TENSYL * TETRAHYDROSERPENTINE * py-TETRAHYDROSERPENTINE * VINCAIN * VINCEIN * VINCEINE * delta-YOHIMBINE
TOXICITY DATA AND REFERENCES:
3F01F12J30 orl-chd TDLo:12500 ug/kg — CHETBF 76,97,79
ipr-rat LD50:200 mg/kg — 27ZQAG -,117,72
ivn-rat LD50:24 mg/kg — 27ZQAG -,117,72
orl-mus LD50:400 mg/kg — 27ZQAG -,117,72
ipr-mus LD50:165 mg/kg — 27ZQAG -,117-72
ivn-mus LD50:26 mg/kg — 27ZQAG -,117,72
orl-rbt LD50:500 mg/kg — 27ZQAG -,117,72
ivn-rbt LD50:20 mg/kg — 27ZQAG -,117,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AJMALIN see: AX8050000

AX8050000 AJMALINE
UPDT:8403 CAS: 4360-12-7 MW: 326.48 MOLFM: C20-H26-N2-O2
SYN: AJMALAN-17,21-DIOL (17R,21-alpha)- (9CI) * AJMALIN * (-)-AJMALINE * CARDIORYTHMINE * GILURYTMAL * IGNAZIN * MERABITOL * RAUGALLINE * RAUWOLFIN * RAUWOLFINE * RHYTMATON * RITMOS * RYTMALIN * SIDDIQUI * TACHMALIN * TAJMALIN * TAKYCOR
TOXICITY DATA AND REFERENCES:
1G10 scu-rat LD50:216 mg/kg — FRPSAX 19,865,64
1G30 ivn-rat LD50:26 mg/kg — PHARAT 31,36,76
1G10 orl-mus LD50:255 mg/kg — FRPSAX 19,865,64
ipr-mus LD50:75 mg/kg — NTIS** AD691-490
1G10 scu-mus LD50:180 mg/kg — FRPSAX 19,865,64
ivn-mus LD50:21 mg/kg — EJTXAZ 8,188,75
1G10 ivn-gpg LDLo:28 mg/kg — FRPSAX 19,865,64

(+)-AJMALINE see: AX8050000

AX8100000 AJMALINE, HYDROCHLORIDE
UPDT:8402 CAS: 4410-48-4 MOLFM: C20-H26-N2-O2 .(Cl-H)x
SYN: CHLORHYDRATE de RAUGALLINE (French)
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:440 mg/kg — AIPTAK 127,163,60
1F12 ipr-mus LD50:105 mg/kg — AIPTAK 127,163,60
1F12 ivn-mus LD50:26 mg/kg — AIPTAK 127,163,60
ivn-cat LDLo:2 mg/kg — AIPTAK 216,63,75

AX8154000 AJMALANIUM, 4-(3-BUTOXY-2-HYDROXYPROPYL)-17,21-DIHYDROXY-, (17R,21-alpha)-
UPDT:8306 CAS: 58892-92-5 MW: 457.70 MOLFM: C27-H41-N2-O4
SYN: (17R,21-alpha)-4-(3-BUTOXY-2-HYDROXYPROPYL)-17,21-DIHYDROXYAJMALANIUM
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:5600 ug/kg — PHARAT 31,36,76

AX8154500 AJMALANIUM, 4-(2-(DIETHYLAMINO)ETHYL)-17,21-DIHYDROXY-, (17R,21-alpha)-
UPDT:8306 CAS: 58912-78-0 MW: 426.69 MOLFM: C26-H40-N3-O2
SYN: (17R,21-alpha)-4-(2-(DIETHYLAMINO)ETHYL)-17,21-DIHYDROXYAJMALANIUM
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:8000 ug/kg — PHARAT 31,36,76

AX8154600 AJMALANIUM, 4-(3-(DIETHYLAMINO)-2-HYDROXYPROPYL)-17,21-DIHYDROXY-, (17R,21-alpha)-
UPDT:8306 CAS: 47719-70-0 MW: 456.72 MOLFM: C27-H42-N3-O3
SYN: (17R,21-alpha)-4-(3-(DIETHYLAMINO)-2-HYDROXYPROPYL)-17,21-DIHYDROXYAJMALANIUM
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:6000 ug/kg — PHARAT 31,36,76

AX8154900 AJMALANIUM, 17,21-DIHYDROXY-4-(3-ETHOXY-2-HYDROXYPROPYL)-, (17R,21-alpha)-
UPDT:8306 CAS: 58892-90-3 MW: 429.64 MOLFM: C25-H37-N2-O4
SYN: (17R,21-alpha)-17,21-DIHYDROXY-4-(3-ETHOXY-2-HYDROXYPROPYL)AJMALANIUM
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:2900 ug/kg — PHARAT 31,36,76

AX8155000 AJMALANIUM, 17,21-DIHYDROXY-4-(2-HYDROXY-3-METHOXYPROPYL)-, (17R,21-alpha)-
UPDT:8306 CAS: 58892-89-0 MW: 415.61 MOLFM: C24-H35-N2-O4
SYN: (17R,21-alpha)-17,21-DIHYDROXY-4-(2-HYDROXY-3-METHOXYPROPYL)AJMALANIUM
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:3300 ug/kg — PHARAT 31,36,76

AX8155100 AJMALANIUM, 17,21-DIHYDROXY-4-(2-HYDROXY-3-(m-METHYLPHENOXY)PROPYL)-, (17R,21-alpha)-
UPDT:8306 CAS: 58892-94-7 MW: 491.71 MOLFM: C30-H39-N2-O4
SYN: (17R,21-alpha)-17,21-DIHYDROXY-4-(2-HYDROXY-3-(m-METHYLPHENOXY)PROPYL)AJMALANIUM
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:11200 ug/kg — PHARAT 31,36,76

AX8155200 AJMALANIUM, 17,21-DIHYDROXY-4-(2-HYDROXY-3-MORPHOLINOPROPYL)-, (17R,21-alpha)-
UPDT:8306 CAS: 47739-42-4 MW: 470.70 MOLFM: C27-H40-N3-O4
SYN: (17R,21-alpha)-17,21-DIHYDROXY-4-(2-HYDROXY-3-MORPHOLINOPROPYL)AJMALANIUM
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:4600 ug/kg — PHARAT 31,36,76

AX8155300 AJMALANIUM, 17,21-DIHYDROXY-4-(2-HYDROXY-3-PIPERIDINOPROPYL)-, (17R,21-alpha)-
UPDT:8306 CAS: 47739-41-3 MW: 468.73 MOLFM: C28-H42-N3-O3
SYN: (17R,21-alpha)-17,21-DIHYDROXY-4-(2-HYDROXY-3-PIPERIDINOPROPYL)AJMALANIUM
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:9000 ug/kg — PHARAT 31,36,76

AX8155400 AJMALANIUM, 17,21-DIHYDROXY-4-(2-HYDROXY-3-PROPOXYPROPYL)-, (17R,21-alpha)-
UPDT:8306 CAS: 58892-91-4 MW: 443.67 MOLFM: C26-H39-N2-O4
SYN: (17R,21-alpha)-17,21-DIHYDROXY-4-(2-HYDROXY-3-PROPOXYPROPYL)AJMALANIUM
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:2900 ug/kg — PHARAT 31,36,76

AX8155500 AJMALANIUM, 17,21-DIHYDROXY-4-(2-HYDROXY-3-PYRROLIDINOPROPYL)-, (17R,21-alpha)-
UPDT:8306 CAS: 47719-73-2 MW: 454.70 MOLFM: C27-H40-N3-O3
SYN: (17R,21-alpha)-17,21-DIHYDROXY-4-(2-HYDROXY-3-PYRROLIDINOPROPYL)AJMALANIUM
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:4400 ug/kg — PHARAT 31,36,76

AX8155700 AJMALANIUM, 17,21-DIHYDROXY-4-(2-PIPERIDINOETHYL)-, (17R,21-alpha)-
UPDT:8306 CAS: 58894-62-5 MW: 438.70 MOLFM: C27-H40-N3-O2
SYN: (17R,21-alpha)-17,21-DIHYDROXY-4-(2-PIPERIDINOETHYL)AJMALANIUM
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:6800 ug/kg — PHARAT 31,36,76

AX8155800 AJMALANIUM, 17,21-DIHYDROXY-4-PROPYL-, (17R,21-alpha)-
UPDT:8306 CAS: 35080-11-6 MW: 389.58 MOLFM: C23-H33-N2-O2
SYN: (17R,21-alpha)-17,21-DIHYDROXY-4-PROPYLAJMALANIUM * PRAJMALINE * PRAJMALIUM * N-PROPYLAJMALINE * N-PROPYLAJMALINIUM * N(sup 4)-PROPYLAJMALINIUM
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:1400 ug/kg — PHARAT 31,36,76

AK (ABSORBENT) see: FF5250100
AK, flower extract see: EWB895000 CALOTROPIS PROCERA (Ait.) R.Br., flower extract
AKAR see: DD2275000
AKAR 50 see: DD2275000
AKAR 338 see: DD2275000
AKARITHION see: TD5250000
AKARITOX see: WR5850000
AKASHNEEM STEM BARK EXTRACT (Indian) see: AX5264690
AKETDRIN see: SI1750000

AX8700000 AKFEZINE
UPDT:8408 CAS: 5512o-27-7
TOXICITY DATA AND REFERENCES:
" ipr-rat LD50:53 mg/kg — EKFMA7 11,79,82
" ipr-mus LD50:74 mg/kg — EKFMA7 11,79,82

AKHNOT see: QJ5775000
AKHROTE LEAF EXTRACT (Indian) see: NY9500000
AKHROT STEM BARK EXTRACT (Indian) see: NY9501000
AKINETON see: TN3675000
AKINETON HYDROCHLORIDE see: TN3700000
AKINOPHYL see: TN3675000
AKINOPHYL see: TN3709000
AKIRIKU RHODAMINE B see: BP3675000
AKLAVIN see: QI9279400

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

AKLOMIX-3 see: CY5250000
AKLONIN (German) see: MC0840000
AKLONINE see: MC0840000
AKNADI EXTRACT (Indian) see: WI8900000
AKOTIN see: QT0525000
AKRICHIN see: AR7700000
AKRILSULFAKRIN see: AT7820000
AKROFOL see: AS6475000
AKROLEIN (Czech) see: AS1050000
AKROLEINA (Polish) see: AS1050000
AKRO-MAG see: OM3850000
AKRO-ZINC BAR 85 see: ZH4810000
AKRO-ZINC BAR 90 see: ZH4810000
AKRYLAMID (Czech) see: AS3325000
AKRYLONITRYL (Polish) see: AT5250000
AKSA, combustion products see: AT6975000
AKTAMIN see: DN5950000
AKTAMIN HYDROCHLORIDE see: DN6475000
AKTEDRIN see: SI1750000
AKTEDRON see: SI0875000

AY0370000 AKTELIK
DEF-Organophosphorus insecticide (VAMNAQ (8),55,80)
UPDT-8306

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1350 mg/kg VAMNAQ (8),55,80

AKTIKON see: XY5600000
AKTIKON PK see: XY5600000
AKTINIT A see: XY5600000
AKTINIT PK see: XY5600000
AKTINIT S see: XY5250000
AKTIVAN see: AE3850000
AKTIVEX see: UU4900000
AKTON see: TE7525000
AKTOZIN see: DD2800000
AKUAMMILAN-17-OIC ACID, METHYL ESTER see: WK7150000 STRICTAMINE
AKULON see: TQ9800000
AKULON M 2W see: TQ9800000
AKURIPETTO VH see: TR0400000
AKU-W 515 see: FJ5950000
AK-33X see: OP1450000
AKYPOROX O 50 see: MD0880000
AKYPOSAL TLS see: WT1000000
AKZO CHEMIE MANEB see: OP0700000
AL 30 see: KV0350000
AL 31 see: KV0350000
AL-50 see: BX2975000
AL-100 see: UR0785000
AL-0361 see: EK2450000
AL 1076 see: KI2625000
ALABASTER see: EW4150000
ALABASTER NO. 3 see: QK2450000
ALACHLOR see: AE1225000
ALACIL see: YQ8665000
ALACINE see: MV8750000
(D-ALA(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE see: OK6410000
(D-ALA(sup 6)-DES-GLY(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE see: OK6410000
(D-ALA(sup 6)-DES-GLY-NH2(sup 10))LHRH ETHYLAMIDE see: OK6420000
(D-ALA(sup 6)-DES-GLY-NH2(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE see: OK6420000
D-ALA(sup 6)-DES-GLY(sup 10)-PRO(sup 9)-LHRH ETHYLAMIDE see: OK6430000
D-ALA(sup 6)-DES-GLY(sup 10)-PRO(sup 9)-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE see: OK6430000
Al-ALCHILI (Italian) see: BD0710000
ALA-LEU CNU see: OH2940000
(D-ALA(sup 6))-LHRH see: OK6400000
(D-ALA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6400000
ALAMINE 308 see: RG8225000
ALAMINE 336 see: RG8225000
D-ALA(sup 6)-(N)ME-LEU(sup 7)-DES-GLY(sup 10)-PRO(sup 9)-LHRH-ETHYLAMIDE see: OK6440000
ALAMINE 6 see: ML9100000
ALAMINE 11 see: RG4130000
beta-ALAMINENITRILE see: UG0350000
ALAMON see: KK2280000
ALAMOS see: TE8100000
ALANAP see: TH7350000
ALANAP 1 see: TH7350000
ALANAP-3 see: TH7351000
ALANAPE see: TH7350000
ALANAP 10G AT see: TH7350000
ALANE see: BD0930000
ALANEX see: AE1225000

AY2960000 ALANGIUM CHINENSE (LOUR) HARMS, extract
DEF-Aqueous boiled extract of ALANGIUM CHINENSE which contains dl-ANABASINE as its singleactive component (CYTPDT 6(5),34,81)
UPDT-8303

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:14720 ug/kg CYTPDT 6(5),34,81
* ivn-mus LD50:4280 ug/kg CYTPDT 6(5),34,81

AY2962000 ALANINAMIDE, N(sup 2)-BENZOYL-3-(p-(3-(DIETHYLAMINO)-1,2-DIMETHYLPROPOXYPHENYL)-N,N- DIPROPYL-, OXALATE, (+-)-
UPDT-8412 MW: 600.86 MOLFM: C31-H48-N3-O3 .C2-H2-O4

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:19300 ug/kg USXXAM #4004008

AY2963000 ALANINAMIDE, N(sup 2)-BENZOYL-3-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-N-(1-PYRROLIDINYL)-, OXALATE, (+-)-
UPDT-8410 MW: 542.70 MOLFM: C26-H36-N4-O3 .C2-H2-O4

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:58700 ug/kg USXXAM #4004008

AY2964000 ALANINAMIDE, N(sup 2)-BENZOYL-3-(p-(2-(DIMETHYLAMINO)ETHOXY)PHENYL)-N-MORPHOLINO-, HYDROCHLORIDE, (+-)-
UPDT-8410 MW: 477.06 MOLFM: C24-H32-N4-O4 Cl-H

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:108 mg/kg USXXAM #4004008

AY2975000 ALANINAMIDE, N-METHYL-N-(alpha-METHYLPHENETHYL)-3-PHENYL-, L-
UPDT-8308 MW: 296.43 MOLFM: C19-H24-N2-O
SYN: L-N-METHYL-N-(alpha-METHYLPHENETHYL)-3-PHENYLALANINAMIDE

TOXICITY DATA AND REFERENCES:
3C17E04E08 ipr-mus LD50:169 mg/kg ARZNAD 33,404,83

AY2976000 ALANINAMIDE, N-(alpha-METHYLPHENETHYL)-3-PHENYL-, L-
UPDT-8308 MW: 282.42 MOLFM: C18-H22-N2-O
SYN: L-N-(alpha-METHYLPHENETHYL)-3-PHENYLALANINAMIDE * N-L-PHENYLALANYL L-2-AMINO-1-PHENYLPROPANE

TOXICITY DATA AND REFERENCES:
3C17E04E08 ipr-mus LD50:110 mg/kg ARZNAD 33,404,83

DL-ALANINA, N-(2,6-DIMETHYLPHENYL)-N-(PHENYLACETYL)-METHYL ESTERE see: AY7561000

AY3095000 ALANINE, N-(N-(3-AMINO-3,3-DIPHOSPHONOPROPYL)GLYCYL)-, DIHYDRATE
UPDT-8306 CAS: 69436-23-3 MW: 399.28 MOLFM: C5-H19-N3-O9-P2 2H2-O
SYN: N-(N-(3-AMINO-3,3-DIPHOSPHONOPROPYL)GLYCYL)ALANINE DIHYDRATE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg KHFZAN 12(11),35,78

AY3155000 ALANINE, 3-(((3-AMINO-4-HYDROXYPHENYL)PHENYLARSINO)THIO)-
UPDT-8208 MW: 380.32 MOLFM: C15-H17-As-N2-O3-S
SYN: 3-(((3-AMINO-4-HYDROXYPHENYL)PHENYLARSINO)THIO)ALANINE

TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:40 mg/kg CPBTAL 2,19,54

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

AY3170000 beta-ALANINE, N-(3-AMINO-2,4,6-TRIIODOBENZOYL)-N-PHENYL-
UPDT-8403 CAS: 3115-05-7 MW: 662.01 MOLFM: C16-H13-I3-N2-O3
SYN: N-(3-AMINO-2,4,6-TRIIODOBENZOYL)-N-(2-CARBOXYETHYL)ANILINE * beta-(N-(3-AMINO-2,4,6-TRIIODOBENZOYL)PHENYLAMINO)PROPIONIC ACID * 3-((3-AMINO-2,4,6-TRIIODOBENZOYL)PHENYLAMINO)PROPIONIC ACID * N-(3-AMINO-2,4,6-TRIJODBENZOYL)-N-PHENYL-beta-AMINOPROPIONSAEURE (German) * BILIBYK * IOBENZAMIC ACID * ISOBENZAMIC ACID * ORBIL * OSBIL * OSBILAND * RAZEBIL * ST-5066 * ST 5066/S (Germar) * TRACEBIL * TRACEBYL * U-12,031

TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:2800 mg/kg TXAPA9 14,232,69
1F12 ivn-rat LD50:500 mg/kg TXAPA9 14,232,69
orl-mus LD50:2870 mg/kg ARZNAD 11,384,61
ivn-mus LD50:530 mg/kg JMCMAR 13,997,70

AY3255000 ALANINE, 3-AZIDO-
UPDT-8403 MW: 130.13 MOLFM: C3-H6-N4-O2
SYN: 3-AZIDOALANINE

MUTATION DATA AND REFERENCES:
mmo-sat 500 umol/L MUREAV 118,229,83

L-ALANINE, N-BENZOYL-N-(3-CHLORO-4-FLUOROPHENYL)-, 1-METHYLETHYL ESTER (9CI) see: UE8880000

L-ALANINE, N-BENZOYL-N-(3,4-DICHLOROPHENYL)-, ETHYL ESTER see: UE7550000

AY3277100 ALANINE, N-BENZYLOXYCARBONYL-3-PHENYL-, 1,2-DIBROMOETHYL ESTER, L-
UPDT-8303 CAS: 64187-43-5 MW: 485.21 MOLFM: C19-H19-Br2-N-O4
SYN: L-N-BENZYLOXYCARBONYL-3-PHENYLALANINE 1,2-DIBROMOETHYL ESTER * N-CARBOBENZOXY-L-PHENYLALANINE 1,2-DIBROMOETHYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ivg-mus TDLo:280 mg/kg (28D pre) JPMSAE 68,696,79

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:73 mg/kg JMCMAR 20,1578,77
* ivg-mus LD50:74 mg/kg JPMSAE 68,696,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY3293000 ALANINE, N-(3-(BIS(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)-3-(p-CHLOROPHENYL)-, DL-
UPDT-8303 CAS: 55327-79-2 MW: 457.81 MOLFM: C21-H23-Cl3-N2-O3
SYN: DL-N-(3-(BIS(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)-3-(p-CHLOROPHENYL)ALANINE * N-(3-DI-(2-CHLOROETHYL)AMINO-4-METHYLBENZOYL)-DL-p-CHLOROPHENYLALANINE * DL-PHENYLALANINE, N-(3-(BIS(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)-4-CHLORO- (9CI)

TOXICITY DATA AND REFERENCES:
1V30 unk-rat LDLo:70 mg/kg PCJOAU 8,663,74

ALANINE, N-(3-(BIS(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)-, SODIUM SALT DL- see: AY3300000

AY3300000 DL-ALANINE, N-(3-BIS(2-CHLOROETHYL)AMINO-4-METHYLBENZOYL)-, SODIUM SALT
UPDT-8310 CAS: 52616-27-0 MW: 369.25 MOLFM: C15-H19-Cl2-N2-O3 .Na
SYN: ALANINE, N-(3-(BIS(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)-, SODIUM SALT DL- * DL-N-(3-(BIS(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)ALANINE SODIUM SALT * N(super alpha)-(3-(DI-(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)-DL-ALANINE SODIUM SALT * SODIUM SALT of N(super alpha)-(3-DI(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)-DL-ALANINE

TOXICITY DATA AND REFERENCES:
unk-rat LDLo:50 mg/kg PCJOAU 8,17,74

AY3310000 ALANINE, 3-(o-((BIS(2-CHLOROETHYL)AMINO)METHYL)PHENYL)-, DIHYDROCHLORIDE
UPDT-8306 CAS: 2185-98-0 MW: 392.18 MOLFM: C14-H20-Cl2-N2-O2 .2Cl-H
SYN: ALANINE, 3-(alpha-(BIS(2-CHLOROETHYL)AMINO)-o-TOLYL)-, DIHYDROCHLORIDE (BCI) * AT-581 * o-BIS(2-CHLOROETHYL)AMINOMETHYLPHENYLALANINE HYDROCHLORIDE * o-(BIS-(2-CHLOROETHYL)AMINOMETHYL)PHENYLALANINE DIHYDROCHLORIDE * 3-(o-((BIS(2-CHLOROETHYL)AMINO)METHYL)PHENYL)ALANINE DIHYDROCHLORIDE * OCAPHANE * PHENYLALANINE, 2-((BIS(2-CHLOROETHYL)AMINO)METHYL)-, DIHYDROCHLORIDE (9CI)

TOXICITY DATA AND REFERENCES:
1V30 orl-mus LD50:32 mg/kg YHTPAD 15(8),41,80
1V30 ipr-mus LD50:4900 ug/kg CYLPDN 2,121,81

AY3360000 ALANINE, 3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-
UPDT-8412 CAS: 531-76-0 MW: 305.23 MOLFM: C13-H18-Cl2-N2-O2
SYN: 3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ALANINE * CB 3007

MUTATION DATA AND REFERENCES:
sln-dmg-unk 10 mmol/L ANYAA9 160,228,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AY3370000 ALANINE, 3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, D-
UPDT-8401 CAS: 13045-94-8 MW: 305.23 MOLFM: C13-H18-Cl2-N2-O2
SYN: 4-(BIS(2-CHLOROETHYL)AMINO)-D-PHENYLALANINE * (+)-3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ALANINE * D-3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ALANINE * 3026 CB * CB-3026 * p-DI-(2-CHLOROETHYL)-AMINO-D-PHENYLALANINE * p-DI(2-CHLOROETHYL)AMINO-d-PHENYLALANINE * MEDFALAN * MEDPHALAN * NSC-35051 * D-PHENYLALANINE, 4-(BIS(2-CHLOROETHYL)AMINO)- (9CI) * D-PHENYLALANINE MUSTARD * D-SARCOLYSINE

MUTATION DATA AND REFERENCES:
cyt-dmg-par 10 mmol/L JOGNAU 54,146,56
sln-dmg-par 8 mmol/L GENRAB 1,173,60

TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 skn-mus TDLo:120 mg/kg/9W-I BJCAAI 10,363,56

TOXICITY DATA AND REFERENCES:
ice-rat LD50:90 ug/kg JPPMAB 18,760,66

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:INDEFINITE IARC** 9,167,75

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY3600000 ALANINE, 3-(p-BIS(2-CHLOROETHYL)AMINO)PHENYL)-, DL-
UPDT-8309 MW: 305.23 MOLFM: C13-H18-Cl2-N2-O2

BEST COPY AVAILABLE

SYN: 3-(p-(BIS(2 CHLOROETHYL)AMINO)PHENYL)ALANINE * DL 3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ALANINE * 4-(BIS(2-CHLOROETHYL)AMINO)-DL-PHENYLALANINE * CB-3307 * p-DI-(2-CHLORAETHYL)-AMINO-DL-PHENYL ALANIN (German) * p-DI(2 CHLOROETHYL)AMINO-DL PHENYLALANINE * MERFALAN * MERPHALAN * O-MERPHALAN * NCI-C04944 * NSC 14210 * DL PHENYLALANINE 4-(BIS(2-CHLOROETHYL)AMINO)- * DL PHENYLALANINE MUSTARD * PHENYLALANIN-LOST (German) * SARKOLYSIN (German) * SARCOCLORIN * SARCOLYSIN * DL-SARCOLYSIN * SARCOLYSINE * DL-SARCOLYSINE

MUTATION DATA AND REFERENCES:

	pic-esc 200 mg/L	ARMKA7 51,9,65
	mma-omi 10 mmol/L	MUREAV 23,5,74
	pic-omi 5 mmol/L	MUREAV 1,355,64
	sln-dmg-par 4500 umol/L	GENRA8 1,173,60

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T42T43	ipr-rat TDLo:8 mg/kg (6D preg)	DKBSAS 171,801,66
1T46	ipr-rat TDLo:8 mg/kg (9D preg)	DKBSAS 171,801,66
1T25	ipr-rat TDLo:8 mg/kg (4D preg)	DKBSAS 171,801,66
1T35	ipr-rat TDLo:5 mg/kg (6D preg)	DKBSAS 171,801,66

TUMORIGENIC DATA AND REFERENCES:

3V03J60P62	ipr-mus TDLo:98 mg/kg/26W-I	CANCAR 40(Suppl 4),1935,77

TOXICITY DATA AND REFERENCES:

3K12U01V30	orl-rat LD50:105 mg/kg	AICCA6 20,144,64
*	ipr-rat LD50:18 mg/kg	DKBSAS 171,801,66
	ivn-rat LD50:25 mg/kg	ARZNAD 8,340,58
	ice-rat LD50:200 ug/kg	JPPMAB 18,760,66
	orl-mus LD50:35 mg/kg	XPHPAW 441,165,74
1V30	ipr-mus LD50:520 ug/kg	ARZNAD 16,634,66

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,167,75

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED:RESULTS INDEFINITE:MOUSE (CANCAR 40(Suppl 4),1935,77)

★ NCI CARCINOGENESIS STUDY COMPLETED:RESULTS NEGATIVE:RAT (CANCAR 40(Suppl 4),1935,77)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY3675000 ALANINE, 3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, L-

UPDT:8412 CAS: 148-82-3 MW: 305.23 MOLFM: C13-H18-Cl2-N2-O2

SYN: ALANINE NITROGEN MUSTARD * ALKERAN * AT-290 * L-3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ALANINE * p-N-BIS(2-CHLOROETHYL)AMINO-L-PHENYLALANINE * 3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-L-ALANINE * 4-(BIS(2-CHLOROETHYL)AMINO)-L-PHENYLALANINE * CB 3025 * 3025 C.B. * p-DI-(2-CHLOROETHYL)AMINO-L-PHENYLALANINE * p-N-DI(CHLOROETHYL)AMINOPHENYLALANINE * 3-p-(D'(2-CHLOROETHYL)AMINO)-PHENYL-L-ALANINE * MELFALAN * MELPHALAN * MEPHALAN * NCI-C04853 * NSC-8806 * L-PAM * L-PHENYLALANINE, 4-(BIS(2-CHLOROETHYL)AMINO)- * PHENYLALANINE MUSTARD * L-PHENYLALANINE MUSTARD * PHENYLALANINE NITROGEN MUSTARD * RCRA WASTE NUMBER U150 * SARCOLORIN * L-SARCOLYSIN * p-L-SARCOLYSIN * SARCOLYSINE * L-SARCOLYSINE * SARKOLYSIN * L-SARKOLYSIN * SK-13673

IRRITATION DATA AND REFERENCES:

	skn-rbt 5 mg/24H mls	TXCYAC 14,117,79
	skn-rbt 1%/24H MLD	NTIS** PB-270-483

MUTATION DATA AND REFERENCES:

	mmo-sat 400 ug/plate	CNREA8 37,2209,77
	mma-sat 200 ug/plate	PNASA6 72,5135,75
	dnr-esc 100 ug/disc	CNREA8 34,1658,74
	pic-omi 5 mmol/L	MUREAV 1,355,64
	sln-dmg-par 8 mmol/L	GENRA8 1,173,60
	sln-dmg-par 15 mmol/L	ANYAA9 68,731,58
	sln-dmg-unk 10 mmol/L	ANYAA9 160,228,69
	dlt-dmg-par 5 mmol/L	ANYAA9 68,731,58
	dnd-hmn:lym 1 mg/L/1H-C	CNREA8 40,1169,80
	dnd-hmn:ath 16 umol/L/1H-C	CNREA8 44,2773,84
	dns-hmn:fbr 800 ug/L	TXCYAC 21,151,81
	dns-hmn:oth 10 umol/L	CNREA8 42,84,82
	dns-hmn:leu 10 umol/L	CNREA8 42,84,82
	dns-hmn:bmr 10 umol/L	CNREA8 42,84,82
	dni-hmn:oth 4 mg/L	IJCNAW 21,438,78
	oms-hmn:leu 10 umol/L	EJCODS 17,991,81
	oms-hmn:lym 2500 ug/L	EJCAAH 14,741,78
	cyt-hmn:oth 1 mg/L	IJCNAW 21,438,78
	cyt-hmn:lym 500 ug/L	MUREAV 19,225,73
	sce-hmn:fbr 1 umol/L	EJCODS 17,991,81
	dns-rat:oth 160 nmol/L/1H	CBINA8 39,191,82
	dni-rat:oth 160 nmol/L/1H	CBINA8 39,191,82
	mma-mus:lym 100 ug/L	DCTODJ 1,277,78
	otr-mus:emb 100 ug/L	CNREA8 37,2202,77
	dnd-mus-unk 2 mg/kg	PAACA3 24,246,83
	dns-mus-unk 37600 nmol/kg	PAACA3 24,248,83
	dni-mus:lym 2 mg/L	ARZNAD 25,378,75
	msc-mus:lym 100 ug/L	DCTODJ 1,277,78
	dnd-ham:ovr 3 mg/L	CNREA8 43,3175,83
	cyt-ham:emb 1 mg/L	CNREA8 37,2202,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-wmn TDLo:3750 ug/kg (25D pre)	LANCAO 1,1174,77

TUMORIGENIC DATA AND REFERENCES:

3V01P30P62	orl-wmn TDLo:80 ug/kg/D-C	BLOOAW 41,17,73
3V01P30P62	orl-man TDLo:57 ug/kg/D-C	BLOOAW 41,17,73
2V01P60	unk-wmn TDLo:26 mg/kg/2Y-C	JCPAAK 26,649,73
2V02V10	ipr-rat TDLo:70 mg/kg/26W-I	RRCRBU 52,1,75
3V03J60R60	skn-mus TDLo:58 mg/kg/9W-I	BJCAAI 10,363,56
3V01J60P62	ipr-mus TDLo:60 mg/kg/26W-I	RRCRBU 52,1,75
2V02R60	ipr-mus TD :15 mg/kg/6W-I	CNREA8 37,317,77
2V01P61	orl-man TD :66 mg/kg/4Y-I	BLOOAW 44,333,74
2V01P61	orl-man TD :34 mg/kg/2Y-I	SJHAAQ 8,375,71
2V01P61	orl-wmn TD :12 mg/kg/3Y-I	ONCOBS 40,268,83
2V01P61	orl-wmn TD :23 mg/kg/2Y-I	AMSVAZ 211,203,82
2V01P61	orl-man TD :17 mg/kg/4Y-I	AMSVAZ 211,203,82

TOXICITY DATA AND REFERENCES:

1K13	orl-hmn TDLo:1200 ug/kg/5D-I	CCROBU 57,369,73
*	orl-rat LD50:11200 ug/kg	IYKEDH 10,710,79
	ipr-rat LD50:4484 ug/kg	BCPCA6 13,969,64
*	ivn-rat LD50:4100 ug/kg	IYKEDH 10,710,79
	ice-rat LD50:160 ug/kg	JPPMAB 18,760,66
	ipr-mus LD50:4 mg/kg	XPHPAW 441,73,74
	scu-mus LD10:32 mg/kg	EJCAAH 10,667,74

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 9,167,75

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,167,75

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED:RESULTS POSITIVE:MOUSE, RAT (RRCRBU 52,1,75)

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY3700500 ALANINE, N-((4-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETYL)-3-(p-CHLOROPHENYL)-, DL-

UPDT:8303 CAS: 55327-81-6 MW: 457.81 MOLFM: C21-H23-Cl3-N2-O3

SYN: DL-N-((4-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETYL)-3-(p-CHLOROPHENYL)ALANINE * N-(4-DI-(2-CHLOROETHYL)AMINOPHENYLACETYL) DL-p-CHLOROPHENYLALANINE * DL-PHENYLALANINE, N-((4-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETYL)-4-CHLORO- (9CI)

TOXICITY DATA AND REFERENCES:

1V30	unk-rat LDLo:200 mg/kg	PCJOAU 8,663,74

AY4025000 ALANINE, 3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, MONOHYDROCHLORIDE, L-

UPDT:8401 CAS: 13469-52-8 MW: 341.69 MOLFM: C13-H18-Cl2-N2-O2 Cl-H

SYN: L-3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ALANINE MONOHYDROCHLORIDE * NSC-8806 * L-PHENYLALANINE MUSTARD HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:

2V01J60	ipr-mus TDLo:1300 ug/kg/4W	JNCIAM 36,915,66

TOXICITY DATA AND REFERENCES:

1K13	orl-hmn TDLo:1200 ug/kg/5D-I	CCROBU 57,369,73
	ivn-dog LDLo:430 ug/kg	CCSUBJ 2,201,65
	ivn-mky LDLo:430 ug/kg	CCSUBJ 2,201,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ALANINE, 3-(alpha-(BIS(2-CHLOROETHYL)AMINO)-o-TOLYL)-, DIHYDROCHLORIDE (8CI) see: AY3310000

AY4160000 ALANINE, 2,2-BIS(2-CHLOROETHYL)HYDRAZIDE, HYDROBROMIDE

UPDT:8303 MW: 309.07 MOLFM: C7-H15-Cl2-N3-O Br-H

TOXICITY DATA AND REFERENCES:

1V30	ipr-rat LD50:75 mg/kg	CPBTAL 10,979,62

AY4199000 ALANINE, N,N-BIS(2-CHLOROETHYL)-, HYDROCHLORIDE

UPDT:8309 MW: 250.57 MOLFM: C7-H13-Cl2-N-O2 Cl-H

SYN: N,N-BIS(2-CHLOROETHYL)ALANINE HYDROCHLORIDE

MUTATION DATA AND REFERENCES:

	cyt-slw-par 250 uL	ZEVBA5 89,216,58

TOXICITY DATA AND REFERENCES:

2P14V30	ipr-rat LD50:13 mg/kg	CPBTAL 8,89,60

AY4251400 ALANINE, N-(3-BROMO-1-OXOPROPYL)-3-(p-CHLOROPHENYL)-, DL-

UPDT:8303 CAS: 55327-84-9 MW: 334.62 MOLFM: C12-H13-Br-Cl-N-O3

SYN: DL-N-(3-BROMO-1-OXOPROPYL)-3-(p-CHLOROPHENYL)ALANINE * DL-PHENYLALANINE, N-(3-BROMO-1-OXOPROPYL)-4-CHLORO- (9CI)

TOXICITY DATA AND REFERENCES:

1V30	unk-rat LDLo:1700 mg/kg	PCJOAU 8,663,74

ALANINE, N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)-, p-METHYL ESTER, D- see: FD7685200

ALANINE, N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)-, p-METHYL ESTER, DL- see: FD7685500

AY4290000 ALANINE, N-CARBOXY-N-(CHLOROACETYL)-, N-BENZYL ESTER

UPDT:8303 MW: 299.73 MOLFM: C13-H14-Cl-N-O5

SYN: CARBOBENZOXY-L-PHENYLALANINE CHLOROMETHYL KETONE * N-CARBOBENZOXY-L-PHENYLALANINE CHLOROMETHYL KETONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	ivg-mus TDLo:280 mg/kg (28D pre)	JPMSAE 70,60,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY4300000 ALANINE, 3-((2-CARBOXYETHYL)THIO)-

UPDT:8401 CAS: 4033-46-9 MW: 193.24 MOLFM: C6-H11-N-O4-S

SYN: ALANINE, 3-((2-CARBOXYETHYL)THIO)-, L- (8CI) * S-2-CARBOXYETHYL-L-CYSTEINE * 3-((2-CARBOXYETHYL)THIO)ALANINE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:520 mg/kg/52W-I	BJCAAI 15,85,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ALANINE, 3-((2-CARBOXYETHYL)THIO)-, L- (8CI) see: AY4300000

AY4341000 ALANINE, 3-((CARBOXYMETHYL)THIO)-

UPDT:8406 CAS: 2387-59-9 MW: 179.21 MOLFM: C5-H9-N-O4-S

SYN: AHR-3053 * S-CARBOXYMETHYLCYSTEINE * 3-((CARBOXYMETHYL)THIO)ALANINE * S-CMC * CYSTEINE, S-(CARBOXYMETHYL)- (9CI) * LJ 206

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:7800 mg/kg	OYYAA2 14,567,77
*	scu-rat LD50:10300 mg/kg	OYYAA2 14,567,77
*	ipr-mus LD50:2980 mg/kg	IYKEDH 12,668,81
*	scu-mus LD50:9000 mg/kg	IYKEDH 12,668,81

AY4343000 ALANINE, N-CARBOXY-3-PHENYL-, N-BENZYL ESTER, L-

UPDT:8305 CAS: 1161-13-3 MW: 299.35 MOLFM: C17-H17-N-O4

SYN: (BENZYLOXYCARBONYL)PHENYLALANINE * CARBOBENZOXYPHENYLALANINE * CARBOBENZOXY-L-PHENYLALANINE * N-CARBOBENZOXY-L-PHENYLALANINE * L-N-CARBOXY-3-PHENYLALANINE N-BENZYL ESTER * L-PHENYLALANINE, N-((PHENYLMETHOXY)CARBONYL)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	ipr-mus TDLo:280 mg/kg (28D pre)	JPMSAE 68,696,79
1T22	ivg-mus TDLo:280 mg/kg (28D pre)	JPMSAE 68,696,79

TOXICITY DATA AND REFERENCES:

*	ivg-mus LD50:250 mg/kg	JPMSAE 68,696,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY4344000 ALANINE, N-CARBOXY-3-PHENYL-, N-BENZYL 1-VINYL ESTER, L-

UPDT:8305 MW: 325.39 MOLFM: C19-H19-N-O4

SYN: N-CARBOBENZOXY-L-PHENYLALANINE VINYL ESTER * L-N-CARBOXY-3-PHENYLALANINE N-BENZYL 1-VINYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	ivg-mus TDLo:280 mg/kg (28D pre)	JPMSAE 68,696,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY4345000 ALANINE, N-(CHLOROACETYL)-3-PHENYL-N-(p-TOLYLSULFONYL)-

UPDT:8303 MW: 395.88 MOLFM: C18-H18-Cl-N-O5-S

SYN: N-(CHLOROACETYL)-3-PHENYL-N-(p-TOLYLSULFONYL)ALANINE * TOSYL-L-PHENYLALANYLCHLOROMETHYL KETONE * N-TOSYL-L-PHENYLALANINE CHLOROMETHYL KETONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	ipr-mus TDLo:280 mg/kg (28D pre)	JPMSAE 70,60,81
1T22	ivg-mus TDLo:280 mg/kg (28D pre)	JPMSAE 70,60,81

TOXICITY DATA AND REFERENCES:

*	ivg-mus LD50:75 mg/kg	JPMSAE 68,696,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY4346000 beta-ALANINE, N-(p-CHLOROBENZOYL)-N-2,6-XYLYL-

UPDT:8408 CAS: 30544-73-1 MW: 331.82 MOLFM: C18-H18-Cl-N-O3

SYN: B 66356 * N-(p-CHLOROBENZOYL)-N-2,6-XYLYL beta-ALANINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:330 mg/kg	GWXXBX #1917036

AY4375000 ALANINE, N-((5-CHLORO-8-HYDROXY-3-METHYL-1-OXO-7-ISOCHROMANYL)CARBONYL)-3-PHENYL-, (-)-

UPDT:8412 CAS: 303-47-9 MW: 403.84 MOLFM: C20-H18-Cl-N-O6

SYN: (R)N-((5-CHLORO-3,4-DIHYDRO-8-HYDROXY-3-METHYL-1-OXO-1H-2-BENZOPYRAN-7-YL)PHENYLALANINE * N-(((3R)-5-CHLORO-8-HYDROXY-3-METHYL-1-OXO-7-ISOCHROMANYL)CARBONYL)-3-PHENYL-L-ALANINE * (-)-N-((5-CHLORO-8-HYDROXY-3-METHYL-1-OXO-7-ISOCHROMANYL)CARBONYL)-3-PHENYLALANINE * NCI-C56586 * OCHRATOXIN A

MUTATION DATA AND REFERENCES:

	dns-mus:lvr 10 umol/L	CNREA8 44,2918,84

BEST COPY AVAILABLE

cyt-mky:kdy 20 mg/L — TXAPA9 32,198,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T35T46 orl-rat TDLo:8 mg/kg (7-10D preg) — TJADAB 28,37A,83
2T72T75 orl-rat TDLo:5 mg/kg (8-9D preg) — ARCVBP 6,379,75
3T25T34T53 orl-rat TDLo:7500 ug/kg (6-15D preg) — TXAPA9 37,331,76
1T85 orl-rat TDLo:1 mg/kg (11-14D preg) — TJADAB 28,16A,83
2T42T47 orl-rat TDLo:10 mg/kg (6-15D preg) — TXAPA9 37,331,76
2T55T46 orl-rat TDLo:5 mg/kg (6-15D preg) — TXAPA9 37,331,76
2T31T34 orl-rat TDLo:8 mg/kg (11-14D preg) — TJADAB 28,37A,83
2T12T25 ipr-rat TDLo:35 mg/kg (6-12D preg) — ENDKAC 77,152,81
2T02T03 ipr-rat TDLo:40 mg/kg (8D male) — IJEBA6 17,121,79
3T41T47T50 scu-rat TDLo:1750 ug/kg (7D preg) — TXCYAC 25,175,82
2T25T34 scu-rat TDLo:1750 ug/kg (7D preg) — TXCYAC 25,175,82
2T46T53 scu-rat TDLo:1750 ug/kg (6D preg) — TXCYAC 25,175,82
1T42 scu-rat TDLo:1750 ug/kg (5D preg) — TXCYAC 25,175,82
2T81T85 orl-mus TDLo:3750 ug/kg (15-17D preg) — TJADAB 27,293,83
2T33T41 orl-mus TDLo:3 mg/kg (15D preg) — TXAPA9 57,127,81
1T45 orl-mus TDLo:8 mg/kg (9D preg) — AVSCA7 22,524,81
3T35T43T46 orl-mus TDLo:4 mg/kg (9D preg) — AVSCA7 22,535,81
2T41T42 orl-mus TDLo:1 mg/kg (9D preg) — AVSCA7 22,535,81
2T43T72 orl-mus TDLo:3 mg/kg (8D preg) — TJADAB 29(2),58A,84
3T41T75T81 ipr-mus TDLo:2 mg/kg (10D preg) — TJADAB 28,15A,83
3T34T46T43 ipr-mus TDLo:5 mg/kg (8D preg) — TJADAB 9,93,74
2T42T41 ipr-mus TDLo:5 mg/kg (8D preg) — TJADAB 9,93,74
3T34T41T43 ipr-mus TDLo:2 mg/kg (8D preg) — TJADAB 17,25,78
1T25 ipr-mus TDLo:4 mg/kg (8D preg) — TJADAB 17,25,78
3T43T46T35 ipr-ham TDLo:5 mg/kg (7D preg) — TJADAB 13,11,76
1T41 ipr-ham TDLo:7500 ug/kg (8D preg) — TJADAB 13,11,76
1T34 ipr-ham TDLo:20 mg/kg (9D preg) — TJADAB 13,11,76

TUMORIGENIC DATA AND REFERENCES:

3V01L60M61 orl-mus TDLo:2216 mg/kg/44W-C — GANNA2 69,599,78

TOXICITY DATA AND REFERENCES:

2J16U01 orl-rat LD50:20 mg/kg — FCTXAV 6,479,68
ipr-rat LD50:12600 ug/kg — ARCVBP 5,233,74
ivn-rat LD50:12750 ug/kg — ARCVBP 5,233,74
orl-mus LD50:58340 ug/kg — ARCVBP 5,233,74
ipr-mus LD50:22 mg/kg — APTOA6 2,109,46
ivn-mus LD50:25710 ug/kg — ARCVBP 5,233,74
orl-dog LD50:200 ug/kg — CRTXB2 2,499,74
orl-pig LD50:1 mg/kg — CRTXB2 2,499,74
orl-ckn LD50:3300 ug/kg — APMBAY 21,492,71
1L02 scu-ckn LDLo:11 mg/kg — APMBAY 21,492,71
ivn-dom LD50:1 mg/kg — CRTXB2 2,499,74

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JAVMA4 163(11),1269,73; PMDCAY 10,85,74
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 31,191,83
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 10,191,76
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE — IARC** 31,191,83

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY4390000 ALANINE, 3-(p-CHLOROPHENYL)-

UPDT:8405 CAS: 1991-78-2 MW: 199.65 MOLFM: C9-H10-Cl-N-O2
SYN: p-CHLORO-DL-PHENYLALANINE * p-CHLOROPHENYLALANINE * 3-(p-CHLOROPHENYL)ALANINE * 4-CHLOROPHENYLALANINE * PCPA * PHENYLALANINE, 4-CHLORO- (9CI) * DL-PHENYLALANINE, 4-CHLORO- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T13T17T31 orl-rat TDLo:1896 mg/kg (15-20D preg) — BIREBV 11,280,74
2T49T72 orl-rat TDLo:2528 mg/kg (2-21D preg) — BIREBV 11,280,74
1T34 orl-rat TDLo:1896 mg/kg (15-20D preg) — BIREBV 11,280,74
1T25 orl-rat TDLo:3160 mg/kg (2-21D preg) — BIREBV 11,280,74
2T13T14 ipr-rat TDLo:516 mg/kg (3D pre) — JRPFA4 22,379,70
1T83 scu-rat TDLo:300 mg/kg (18-21D preg) — FEPRA7 36,1034,77
1T17 scu-rat TDLo:399 mg/kg (14-17D preg) — PBBHAU 8,263,78
1T03 scu-rat TDLo:500 mg/kg (5D male) — JRPFA4 28,177,72
1T75 par-rat TDLo:1100 mg/kg (8-16D preg) — TJADAB 27,68A,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY4400000 ALANINE, 3-(p-CHLOROPHENYL)-, HYDROCHLORIDE, DL-

UPDT:8303 CAS: 51274-82-9 MW: 236.11 MOLFM: C9-H10-Cl-N-O2 Cl-H
SYN: DL-p-CHLOROPHENYLALANINE HYDROCHLORIDE * DL-3-(p-CHLOROPHENYL)ALANINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LDLo:400 mg/kg — PCJOAU 8,663,74

AY4452100 ALANINE, 3-(p-CHLOROPHENYL)-, METHYL ESTER, HYDROCHLORIDE, DL-

UPDT:8305 MW: 250.14 MOLFM: C10-H12-Cl-N-O2 Cl-H
SYN: DL-p-CHLOROPHENYLALANINE METHYL ESTER HYDROCHLORIDE * DL-3-(p-CHLOROPHENYL)ALANINE METHYL ESTER HYDROCHLORIDE * DL-PCPA METHYL ESTER HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T21 ipr-rat TDLo:400 mg/kg (4D male) — SCIEAS 166,1433,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY4455000 ALANINE, 3-(p-CHLOROPHENYL)-N-((2-METHYLPROPOXY)CARBONYL)-, MONOSODIUM SALT, DL-

UPDT:8303 CAS: 55327-78-1 MW: 322.77 MOLFM: C14-H18-Cl-N-O4 Na
SYN: DL-3-(p-CHLOROPHENYL)-N-((2-METHYLPROPOXY)CARBONYL)ALANINE SODIUM SALT * DL-PHENYLALANINE, 4-CHLORO-N-((2-METHYLPROPOXY)CARBONYL)-, MONOSODIUM SALT (9CI)

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LDLo:700 mg/kg — PCJOAU 8,663,74

AY4460000 ALANINE, 3-(p-CHLOROPHENYL)-N-(PHENYLACETYL)-, MONOSODIUM SALT, DL-

UPDT:8303 CAS: 55327-77-0 MW: 340.78 MOLFM: C17-H16-Cl-N-O3 Na
SYN: DL-3-(p-CHLOROPHENYL)-N-(PHENYLACETYL)ALANINE SODIUM SALT * DL-PHENYLALANINE, 4-CHLORO-N-(PHENYLACETYL)-, MONOSODIUM SALT (9CI)

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LDLo:1000 mg/kg — PCJOAU 8,663,74

AY4463000 ALANINE, 3-(p-CHLOROPHENYL)-N-((PHENYLMETHOXY)CARBONYL)-, MONOSODIUM SALT, DL-

UPDT:8303 CAS: 55327-80-5 MW: 333.79 MOLFM: C17-H16-Cl-N-O4
SYN: DL-3-(p-CHLOROPHENYL)-N-((PHENYLMETHOXY)CARBONYL)ALANINE SODIUM SALT * DL-PHENYLALANINE, 4-CHLORO-N-((PHENYLMETHOXY)CARBONYL)-, MONOSODIUM SALT (9CI)

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LDLo:400 mg/kg — PCJOAU 8,663,74

AY4560000 ALANINE, N-(3,4-DIACETOXY-L-PHENYLALANYL)-3-(3,4-DIACETOXYPHENYL)-, BENZYL ESTER, HYDROCHLORIDE, L-

UPDT:8310 CAS: 63983-43-7 MW: 671.15 MOLFM: C33-H34-N2-O11 Cl-H
SYN: 3,4-DIACETYLOXY-L-PHENYLALANYL-3,4-DIACETYLOXY-L-PHENYLALANINE BENZYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

orl-mus LD50:5500 mg/kg — JMCMAR 20,1435,77

AY4730000 beta-ALANINE, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-

UPDT:8310 MW: 396.46 MOLFM: C18-H20-N8-O3
SYN: N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-beta-ALANINE * 6-MAB-beta-ALA

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:230 mg/kg — NEOLA4 29,43,82

AY4730100 ALANINE, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, DL-

UPDT:8308 MW: 396.46 MOLFM: C18-H20-N8-O3
SYN: N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-DL-ALANINE * 6-MAB-DL-ALA

TOXICITY DATA AND REFERENCES:

* unk-rat LD50:321 mg/kg — NEOLA4 29,43,82

AY4730150 ALANINE, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-3-PHENYL-, L-

UPDT:8308 MW: 472.56 MOLFM: C24-H24-N8-O3
SYN: N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-3-PHENYL-L-ALANINE * 6-MAB-L-PHE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:482 mg/kg — NEOLA4 29,43,82

AY4850000 ALANINE, N-(4,5-DICHLORO-2-NITROPHENYL)-3-PHENYL-, DL-

UPDT:8405 MW: 355.19 MOLFM: C15-H12-Cl2-N2-O4
SYN: N-(4,5-DICHLORO-2-NITROPHENYL)-DL-PHENYLALANINE

TOXICITY DATA AND REFERENCES:

* ipr-mus LDLo:200 mg/kg — JPMSAE 51,783,62

AY4851000 ALANINE, N-(4,5-DICHLORO-2-NITROPHENYL)-3-PHENYL-, ETHYL ESTER, DL-

UPDT:8405 MW: 383.25 MOLFM: C17-H16-Cl2-N2-O4
SYN: N-(4,5-DICHLORO-2-NITROPHENYL)-DL-PHENYLALANINE ETHYL ESTER

TOXICITY DATA AND REFERENCES:

* ipr-mus LDLo:400 mg/kg — JPMSAE 51,783,62

AY5075000 ALANINE, 3-((1,2-DICHLOROVINYL)THIO)-, L-

UPDT:8303 CAS: 627-72-5 MW: 216.09 MOLFM: C5-H7-Cl2-N-O2-S
SYN: L-CYSTEINE, S-(1,2-DICHLOROETHYLENEYL)- (9CI) * DCVC * S-DICHLOROVINYL-L-CYSTEINE

TOXICITY DATA AND REFERENCES:

2L02L03 ipr-rat LDLo:50 mg/kg — FCTXAV 3,67,65
2K30M03 ipr-mus LD50:45 mg/kg — FCTXAV 3,67,65
2M03M30 ivn-rbt LDLo:10 mg/kg — FCTXAV 3,67,65
1M03 ipr-gpg LDLo:20 mg/kg — FCTXAV 3,67,65

AY5078000 beta-ALANINE, N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)-, ETHYL ESTER

UPDT:8402 CAS: 19476-81-4 MW: 343.43 MOLFM: C11-H22-N-O5-P-S2
SYN: N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)-beta-ALANINE ETHYL ESTER

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2000 mg/kg — IANBAM (2),242,82

AY5079000 beta-ALANINE, N-(((DIETHOXYPHOSPHINYL)THIO)ACETYL)-, ETHYL ESTER

UPDT:8402 CAS: 21472-77-5 MW: 327.37 MOLFM: C11-H22-N-O6-P-S
SYN: N-(((DIETHOXYPHOSPHINYL)THIO)ACETYL)-beta-ALANINE ETHYL ESTER

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:250 mg/kg — IANBAM (2),242,82

AY5090000 beta-ALANINE, N-(2,3-DIHYDROPHENALEN-2-YL)-N-METHYL-, METHYL ESTER, HYDROCHLORIDE

UPDT:8411 CAS: 33448-28-1 MW: 319.86 MOLFM: C18-H21-N-O2 Cl-H

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:141 mg/kg — CHTPBA 6,196,71

beta-ALANINE, N-(2,4-DIHYDROXY-3,3-DIMETHYL-1-OXOBUTYL)-, (R)- (9CI) see: RU4729000

ALANINE, 3-(3,4-DIHYDROXYPHENYL)-, (-)- see: AY5600000

AY5600000 ALANINE, 3-(3,4-DIHYDROXYPHENYL)-, L-

UPDT:8411 CAS: 59-92-7 MW: 197.21 MOLFM: C9-H11-N-O4
SYN: ALANINE, 3-(3,4-DIHYDROXYPHENYL)-, (-)- * 2-AMINO-3-(3,4-DIHYDROXYPHENYL)PROPANOIC ACID * BENDOPA * BIODOPA * BROCADOPA * CEREFAP * CIDANDOPA * DA * DEADOPA * DIHYDROXY-L-PHENYLALANINE * L-DIHYDROXYPHENYLALANINE * (-)-3-(3,4-DIHYDROXYPHENYL)-L-ALANINE * beta-(3,4-DIHYDROXYPHENYL)-alpha-ALANINE * L-alpha-DIHYDROXYPHENYLALANINE * L-beta-(3,4-DIHYDROXYPHENYL)ALANINE * L-3,4-DIHYDROXYPHENYLALANINE * L-3,4-DIHYDROXYPHENYL-alpha-ALANINE * beta-(3,4-DIHYDROXYPHENYL)-L-ALANINE * 3-(3,4-DIHYDROXYPHENYL)-L-ALANINE * 3,4-DIHYDROXYPHENYLALANINE * (-)-3,4-DIHYDROXYPHENYLALANINE * 3,4-DIHYDROXYPHENYL-L-ALANINE * 3,4-DIHYDROXY-L-PHENYLALANINE * (-)-DOPA * DOPA * L-DOPA * DOPAFLEX * DOPAL * DOPAIDAN * DOPAL-FHER * DOPALINA * DOPAR * DOPARKINE * DOPARL * DOPASOL * DOPASTON * DOPASTRAL * DOPRIN * ELDOPAL * ELDOPAR * ELDOPATEC * EURODOPA * MELFO DOPA * L-α-HYDROXYTYROSINE * 3-HYDROXY-L-TYROSINE * INSULAMINA * LARADOPA * LARODOPA * LEDOPA * LEVODOPA * LEVOPA * MAIPEDOPA * PARDA * PARDOPA * RO 4-6316 * SOBIODOPA * L-TYROSINE, 3-HYDROXY- (9CI) * VELDOPA

MUTATION DATA AND REFERENCES:

dnr-bcs 500 ug/disc — MUREAV 137,17,84
dnd-hmn:fbr 3 mmol/L — CNREA8 42,3783,82
dnd-hmn:oth 3 mmol/L — CNREA8 42,3783,82
dni-hmn:fbr 3 mmol/L — CNREA8 42,3783,82
dni-hmn:oth 3 mmol/L — CNREA8 42,3783,82
oms-hmn:fbr 3 mmol/L — CNREA8 42,3783,82
oms-hmn:oth 3 mmol/L — CNREA8 42,3783,82
dnd-rat:lng 25 umol/L — ABCHA6 39,795,75
dni-rat:lng 25 umol/L — ABCHA6 39,795,75
dni-mus:oth 3800 nmol/L — CNREA8 40,1414,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T59 orl-rat TDLo:500 mg/kg (1-5D preg) — TXAPA9 38,251,76
1T75 orl-rat TDLo:22 gm/kg (1-22D preg) — NATUAS 239,285,72
1T02 orl-rat TDLo:15 gm/kg (30D male) — IYKEDH 3,186,72
1T12 orl-rat TDLo:30 gm/kg (30D pre) — IYKEDH 3,186,72
1T59 ipr-rat TDLo:700 mg/kg (1-7D preg) — TXAPA9 38,251,76
1T25 ipr-rat TDLo:480 mg/kg (9-14D preg) — SKKNAJ 22,165,70
2T01T02 ipr-rat TDLo:4500 mg/kg (13D male) — IJMRAQ 71,46,80
1T12 scu-rat TDLo:5 mg/kg (1D pre) — ENDOAO 57,466,55
1T35 orl-mus TDLo:4800 mg/kg (7-12D preg) — IYKEDH 3,53,72
2T34T86 orl-mus TDLo:900 mg/kg (7-12D preg) — SKKNAJ 22,165,70
1T29 orl-mus TDLo:5 gm/kg (6-15D preg) — AUCMBJ 61,251,73
1T76 orl-mus TDLo:2400 mg/kg (7-12D preg) — IYKEDH 3,53,72
1T46 orl-mus TDLo:1200 mg/kg (7-12D preg) — IYKEDH 3,53,72
2T25T34 ipr-mus TDLo:600 mg/kg (7-12D preg) — SKKNAJ 22,165,70
1T46 ipr-mus TDLo:1200 mg/kg (7-12D preg) — SKKNAJ 22,165,70
1T47 orl-rbt TDLo:2250 mg/kg (7-15D preg) — AUCMBJ 61,251,73

TOXICITY DATA AND REFERENCES:

3F07F08F10 orl-hmn TDLo:156 gm/kg/10Y — JNNPAU 34,502,71
3F17F19J22 orl-hmn TDLo:13 gm/kg/1Y — JNNPAU 34,668,71
orl-rat LD50:1780 mg/kg — TXAPA9 28,1,74
ipr-rat LD50:624 mg/kg — TXAPA9 28,1,74
orl-mus LD50:2363 mg/kg — TXAPA9 28,1,74
ipr-mus LD50:588 mg/kg — TXAPA9 28,1,74
3C17F12K01 scu-mus LD50:4449 mg/kg — IYKEDH 3,186,72
ivn-mus LD50:450 mg/kg — TXAPA9 28,1,74
* unk-mus LDLo:3500 mg/kg — AEPPAE 153,161,30
orl-rbt LD50:609 mg/kg — TXAPA9 28,1,74

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY5950000 ALANINE, 3-(3,4-DIHYDROXYPHENYL)-2-METHYL-, L-(-)-
UPDT:8412 CAS: 555-30-6 MW: 211.24 MOLFM: C10-H13-N-O4
SYN: ALDOMET * ALDOMETIL * ALDOMIN * ALPHA MEDOPA * AMD * BAYER 1440 L * BAYPRESOL * L(-)-beta-(3,4-DIHYDROXYPHENYL)-alpha-METHYLALANINE * L-(-)-3-(3,4-DIHYDROXYPHENYL)-2-METHYLALANINE * L-3-(3,4-DIHYDROXYPHENYL)-2-METHYLALANINE * DOPAMET * DOPATEC * DOPEGYT * HYPERPAX * L-(alpha-MD) * MEDOMET * MEDOPREN * METHOPLAIN * alpha-METHYL-L-3,4-DIHYDROXYPHENYLALANINE * L-alpha-METHYL-3,4-DIHYDROXYPHENYLALANINE * alpha-METHYL-beta-(3,4-DIHYDROXYPHENYL)-L-ALANINE * L-(-)-alpha-METHYL-beta-(3,4-DIHYDROXYPHENYL)ALANINE * METHYLDOPA * (-)-METHYLDOPA * L-METHYLDOPA * L-alpha-METHYLDOPA * alpha-METHYL DOPA * alpha-METHYLDOPA, L- * alpha-METHYL-L-DOPA * MK 851 * MK 351 * NCI-C55721 * NR-C 2294 * PRESINOL * PRESOLISIN * SEDOMETIL * SEMBRINA * L-TYROSINE, 3-HYDROXY-alpha-METHYL- (9CI)
MUTATION DATA AND REFERENCES:
cyt-ham:lng 37 mg/L GMCRDC 27,95,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T14T15 unk-wmn TDLo:10950 mg/kg (2Y pre/1-12W preg) BMJOAE 283,194,81
1T14 unk-wmn TDLo:58 gm/kg (2Y pre) BMJOAE 283,194,81
3T77T81T83 unk-wmn TDLo:1680 mg/kg (28-36W preg) LANCAO 2,498,82
1T59 orl-rat TDLo:2100 mg/kg (1-21D preg) TXAPA9 38,251,76
1T29 scu-rat TDLo:300 mg/kg (1D pre) ENDOAO 78,225,66
1T29 scu-mus TDLo:80 mg/kg (1D pre) JOENAK 35,161,66
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5000 mg/kg 27ZQAG -,348,72
ipr-rat LD50:300 mg/kg 27ZQAG -,348,72
ipr-mus LD50:150 mg/kg JMCMAR 20,1378,77
ivn-mus LD50:1900 mg/kg 27ZIAQ -,162,73
orl-rbt LD50:713 mg/kg 27ZIAQ -,162,73
ivn-rbt LD50:713 mg/kg 27ZQAG -,348,72

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY5960000 ALANINE, 3-(3,4-DIHYDROXYPHENYL)-, METHYL ESTER, L-
UPDT:8311 CAS: 7101-51-1 MW: 211.24 MOLFM: C10-H13-N-O4
SYN: L-3-(3,4-DIHYDROXYPHENYL)ALANINE METHYL ESTER * L-DOPA METHYL ESTER * LEVODOPA METHYL ESTER * L-TYROSINE, 3-HYDROXY-, METHYL ESTER (9CI)
MUTATION DATA AND REFERENCES:
dni-hmn:oth 3300 nmol/L CNREA8 40,1414,80
dni-mus:oth 3300 nmol/L CNREA8 40,1414,80
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1000 mg/kg CTRRDO 63,991,79

AY5993300 ALANINE, N-(o-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)-
UPDT:8405 MW: 264.32 MOLFM: C12-H16-N4-O3
SYN: N-o-((3,3-DIMETHYL-1-TRIAZENO)BENZOYL)ALANIN (German) * N-(o-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)ALANINE * N-o-((DIMETHYL-3,3 TRIAZENO-1)BENZOYL)ALANINE (French)
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:760 mg/kg EJMCA5 18,401,83

AY5993320 ALANINE, N-(p-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)-
UPDT:8405 MW: 264.32 MOLFM: C12-H16-N4-O3
SYN: N-p-((3,3-DIMETHYL-1-TRIAZENO)BENZOYL)ALANIN (German) * N-p-((DIMETHYL-3,3 TRIAZENO-1)BENZOYL)ALANINE (French) * N-(p-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)ALANINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:1200 mg/kg EJMCA5 18,401,83

AY5993400 beta-ALANINE, N-(p-(3,3-DIMETHYLTRIAZENO)BENZOYL)-, ETHYL ESTER
UPDT:8402 MW: 292.38 MOLFM: C14-H20-N4-O3
SYN: N-(p-(3,3-DIMETHYLTRIAZENO)BENZOYL)-beta-ALANINE ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:1105 mg/kg NEOLA4 28,19,81

AY5993700 ALANINE, N-(p-(3,3-DIMETHYLTRIAZENO)BENZOYL)-, ETHYL ESTER, DL-
UPDT:8402 MW: 292.38 MOLFM: C14-H20-N4-O3
SYN: DL-N-(p-(3,3-DIMETHYLTRIAZENO)BENZOYL)ALANINE ETHYL ESTER
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:798 mg/kg NEOLA4 28,19,81

AY5993800 ALANINE, N-(o-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)-3-PHENYL-DL-ALANINE, N-(2,6-DIMETHYLPHENYL)-N-(METHOXYACETYL)-, METHYL ESTER (9CI) see: AY6910000
UPDT:8402 MW: 340.42 MOLFM: C18-H20-N4-O3
SYN: N-o-((3,3-DIMETHYL-1-TRIAZENO)BENZOYL)PHENYLALANIN (German) * N-(o-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)-3-PHENYLALANINE * N-o-((DIMETHYL-3,3-TRIAZENO-1) BENZOYL) PHENYLALANINE (French)
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:290 mg/kg EJMCA5 18,401,83

AY5993900 ALANINE, N-(p-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)-3-PHENYL-
UPDT:8402 MW: 340.42 MOLFM: C18-H20-N4-O3
SYN: N-p-((3,3-DIMETHYL-1-TRIAZENO)BENZOYL)PHENYLALANIN (German) * N-(p-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)-3-PHENYLALANINE * N-p-((DIMETHYL-3,3 TRIAZENO-1) BENZOYL) PHENYLALANINE (French)
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:290 mg/kg EJMCA5 18,401,83

AY5994700 ALANINE, N-(2,4-DINITROPHENYL)-3-PHENYL-, DL-
UPDT:8405 MW: 331.31 MOLFM: C15-H13-N3-O6
SYN: N-(2,4-DINITROPHENYL)-DL-PHENYLALANINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg JPMSAE 51,783,62

ALANINE, 3,3'-DISELENOBIS- (9CI) see: AY6030000

AY6030000 ALANINE, 3,3'-DISELENODI-
UPDT:8110 CAS: 1464-43-3 MW: 334.12 MOLFM: C6-H12-N2-O4-Se2
SYN: ALANINE, 3,3'-DISELENOBIS- (9CI) * 3,3-DISELENODIALANINE * SELENIUM CYSTINE * SELENOCYSTINE
MUTATION DATA AND REFERENCES:
slt-dmg-orl 10 umol/L CNJGA8 17,55,75
sln-dmg-orl 2 umol/L CNJGA8 11,677,69
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

AY6031000 ALANINE, 3,3'-DISELENODI-, DL-
UPDT:8106 CAS: 2897-21-4 MW: 334.12 MOLFM: C6-H12-N2-O4-Se2
SYN: SELENOCYSTINE * D,L-SELENOCYSTINE * SELENO-DL-CYSTINE
TOXICITY DATA AND REFERENCES:
1D35 scu-rat LDLo:13 mg/kg ARTODN 45,207,80
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

AY6040000 ALANINE, N-(DITHIOCARBOXY)-, DISODIUM SALT
UPDT:8408 CAS: 75808-41-2 MW: 209.20 MOLFM: C4-H5-N-O2-S2 2Na
SYN: N-(DITHIOCARBOXY)ALANINE DISODIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1046 mg/kg PRLFAG 32(2),55,80

AY6042000 ALANINE, N-(DITHIOCARBOXY)-3-PHENYL-, L-, DISODIUM SALT
UPDT:8408 CAS: 54872-77-4 MW: 285.30 MOLFM: C10-H9-N-O2-S2 2Na
SYN: L-N-(DITHIOCARBOXY)-3-PHENYLALANINE DISODIUM SALT * L-PHENYLALANINE, N-(DITHIOCARBOXY)-, DISODIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1130 mg/kg PRLFAG 32(2),55,80

AY6044000 ALANINE, N-(DITHIOCARBOXY)-, L-, ZINC SALT, DIHYDRATE
UPDT:8408 MW: 264.63 MOLFM: C4-H5-N-O2-S2 Zn 2H2-O
SYN: L-N-(DITHIOCARBOXY)ALANINE ZINC SALT DIHYDRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:16 mg/kg PRLFAG 32(2),55,80

AY6046000 ALANINE, N-(3,4-EPOXYBUTYL)-
UPDT:8408 MW: 159.21 MOLFM: C7-H13-N-O3
SYN: GLYCIDYLMETHYLANILINE
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 135,159,84

6-D-ALANINE-9-(N-ETHYL-L-PROLINAMIDE)-10-DEGLYCINAMIDE-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6420000

AY6307000 ALANINE, 3-(o-FLUOROPHENYL)-
UPDT:8405 CAS: 325-69-9 MW: 183.20 MOLFM: C9-H10-F-N-O2
SYN: o-FLUOROPHENYLALANINE * 2-FLUOROPHENYLALANINE * PHENYLALANINE, 2-FLUORO- (9CI)
MUTATION DATA AND REFERENCES:
sln-asn 36 mg/L EVHPAZ 31,81,79
dnd-hmn:hla 200 umol/L ECREAL 107,191,77

AY6310000 ALANINE, 3-(p-FLUGROPHENYL)-
UPDT:8405 CAS: 60-17-3 MW: 183.20 MOLFM: C9-H10-F-N-O2
SYN: p-FLUOROPHENYLALANINE * para-FLUORPHENYLALANINE * 4-FLUOROPHENYLALANINE * p-FPHE * PFPA * PHENYLALANINE, 4-FLUORO- (9CI)
MUTATION DATA AND REFERENCES:
dnd-esc 1 mmol/L JOBAAY 96,939,68
dni-esc 1 mmol/L JOBAAY 96,939,68
mmo-omi 10 mg/L MUREAV 12,349,71
mmo-omi 50 umol/L GENRA8 23,47,74
mmo-msc 1 mg/L MUREAV 46,345,77
mrc-smc 500 mg/L MUREAV 53,248,78
sln-smc 300 mg/L EVHPAZ 31,97,79
dnd-hmn:hla 200 umol/L ECREAL 107,191,77
oms-hmn:hla 200 umol/L ECREAL 89,431,74
oms-hmn:hla 200 umol/L ECREAL 92,211,75
cyt-hmn:lym 50 umol/L HEREAY 88,197,78
oms-ham:ovr 5 mmol/L ECREAL 89,431,74
cyt-ham:lng 550 umol/L HEREAY 95,25,81

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AY6320000 ALANINE, N-(2-FUROYLMETHYL)-N-(2,6-XYLYL)-, METHYL ESTER
UPDT:8309 MW: 303.39 MOLFM: C17-H21-N-O4
SYN: CGA 38140 * FONGARID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:940 mg/kg FMCHA2 -,C109,83

AY6330000 ALANINE, N-L-gamma-GLUTAMYL-3-(METHYLENECYCLOPROPYL)-
UPDT:8408 CAS: 502-37-4 MW: 270.32 MOLFM: C12-H18-N2-O5
SYN: HYPOGLYCIN B * HYPOGLYCINE B
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T43T46 iut-rat TDLo:500 ug/kg (14D preg) TJADAB 4,246,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY6475000 ALANINE, 3-(3-HYDROXYANTHRANILOYL)-
UPDT:8401 CAS: 484-78-6 MW: 224.24 MOLFM: C10-H12-N2-O4
SYN: BENZENEBUTANOIC ACID, alpha,2-DIAMINO-3-HYDROXY-gamma-OXO- (9CI) * 3-(3-HYDROXYANTHRANILOYL)ALANINE * HYDROXYKYNURENINE * 3-HYDROXYKYNURENINE * KYNURENINE, 3-HYDROXY-
MUTATION DATA AND REFERENCES:
cyt-hmn:emb 50 mg/L BEXBAN 67,200,69
cyt-mus-scu 10 mg/L NATUAS 222,484,69
TUMORIGENIC DATA AND REFERENCES:
2V02M60 imp-mus TDLo:80 mg/kg BJCAAI 11,212,57
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY6710000 ALANINE, N-(4-HYDROXY-3,5-DIIODOPHENETHYL)-N-METHYL-, beta-
UPDT:8405 MW: 475.08 MOLFM: C12-H15-I2-N-O3
SYN: N-(4-HYDROXY-3,5-DIIODOPHENETHYL)-N-METHYL-beta-ALANINE * N-METHYL N-(4-HYDROXY-3,5-DIIODOPHENETHYL)-beta-ALANINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:580 mg/kg JAPMA8 43,495,54

AY6750000 ALANINE, 3-(4-(4-HYDROXY-3-IODOPHENOXY)-3,5-DIIODOPHENYL)-, L-
UPDT:8405 CAS: 6893-02-3 MW: 650.98 MOLFM: C15-H12-I3-N-O4
SYN: L-3-(4-(4-HYDROXY-3-IODOPHENOXY)-3,5-DIIODOPHENYL)ALANINE * O-(4-HYDROXY-3-IODOPHENYL)-3,5-DIIODO-L-TYROSINE * 4-(3-IODO-4-HYDROXYPHENOXY)-3,5-DIIODOPHENYLALANINE * LIOTHYRONIN * LIOTHYRONINE * L-LIOTHYRONINE * T3 * T(sub 3) * L-T3 * TRESITOPE * TRIIODOTHYRONINE * TRIIODO-L-THYRONINE * L-TRIIODOTHYRONINE * 3,3',5-TRIIODOTHYRONINE * 3,5,3'-TRIIODOTHYRONINE * TRIOTHYRONE * L-TYROSINE, O-(4-HYDROXY-3-IODOPHENYL)-3,5-DIIODO- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T39 scu-rat TDLo:1400 ug/kg (16-22D preg) HMMRA2 10,425,78
1T29 unk-rat TDLo:75 ug/kg (3D pre) BIREBV 11,529,74
1T46 unk-mus TDLo:900 ug/kg (11-19D preg) TJADAB 25(2),65A,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ALANINE, 3-INDOL-3-YL- see: YN6130000

AY6908000 ALANINE, N-(2-MERCAPTOPROPIONYL)-, S-ESTER with SODIUM THIOSULFATE
UPDT:8306 MW: 265.25 MOLFM: C5-H8-N-O6-S2 Na
SYN: N-(2-MERCAPTOPROPIONYL)ALANINE S-ESTER with SODIUM THIOSULFATE * TSPG
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:7500 mg/kg RPTOAN 44,126,81

AY6910000 ALANINE, N-(METHOXYACETYL)-N-(2,6-XYLYL)-, METHYL ESTER, DL-
UPDT:8401 CAS: 57837-19-1 MW: 279.37 MOLFM: C15-H21-N-O4
SYN: DL-ALANINE N-(2,6-DIMETHYLPHENYL)-N-(METHOXYACETYL)-, METHYL ESTER (9CI) * APRON * APRON 2E * CG 117 * CGA 48988 * N-(2,6-DIMETHYLPHENYL) N-(METHOXYACETYL) ALANINE METHYL ESTER * N-(2,6-DIMETHYLPHENYL)-N-(METHOXYACETYL)-DL-ALANINE METHYL ESTER * METALAXIL * METALAXYL * RIDOMIL * RIDOMIL 2E * SUBDUE * SUBDUE 2E * SUBDUE 5SP
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:669 mg/kg FMCHA2 -,C151,83

AY7000000 ALANINE, 2-METHYL-
UPDT:8403 CAS: 62-57-7 MW: 103.14 MOLFM: C4-H9-N-O2
SYN: AIB * alpha AMINOISOBUTANOIC ACID * alpha-AMINOISOBUTYRIC ACID * 2-AMINOISOBUTYRIC ACID * 2-AMINO-2-METHYLPROPANOIC ACID * alpha,alpha-DIMETHYLGLEYCINE * alpha-METHYLALANINE * 2-METHYLALANINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:750 mg/kg NTIS** AD691-490
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

ALANINE NITROGEN MUSTARD see: AY3675000
beta-ALANINE, N-(((4-NITROPHENYL)AMINO)CARBONYL)-, MONOSODIUM SALT (9CI) see: AY7515000

AY7515000 beta-ALANINE, N-((p-NITROPHENYL)CARBAMOYL)-, SODIUM SALT
UPDT:8406 CAS: 140-46-5 MW: 275.22 MOLFM: C10-H10-N3-O5 Na
SYN: beta-ALANINE, N-(((4-NITROPHENYL)AMINO)CARBONYL)-, MONOSODIUM SALT (9CI) * 1-(2-CARBOXYETHYL)-3-(p-NITROPHENYL)UREA SODIUM SALT * N-(((4-NITROPHENYL)AMINO)CARBONYL)-beta-ALANINE MONOSODIUM SALT * p-NITROPHENYLCARBAMIDOPROPIONIC ACID SODIUM SALT * N-(p-NITROPHENYLCARBAMOYL)-beta-ALANINE SODIUM SALT * N-(p-NITROPHENYL)-N'-(beta-CARBOXYETHYL)UREA SODIUM SALT * SUOSAN
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1000 mg/kg AEPPAE 208,178,49

AY7518000 L-ALANINE, N-(N-NITROSO-L-ALANYL)-
UPDT:8402 CAS: 85514-00-7 MW: 189.20 MOLFM: C6-H11-N3-O4
SYN: NITROSOALANYLALANINE * N-(N-NITROSO-L-ALANYL)-L-ALANINE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug BANRDU 12,445,82

ALANINE, PHENYL- see: AY7535000

AY7533000 ALANINE, PHENYL-, D-
UPDT:8412 CAS: 673-06-3 MW: 165.21 MOLFM: C9-H11-N-O2
SYN: NCI-C60195 * D-PHENYLALANINE * D-beta-PHENYLALANINE
TOXICITY DATA AND REFERENCES:
2K12K13 orl-hmn TDLo:300 mg/kg/5W-I JACTDZ 1(3),124,82
ipr-rat LD50:5452 mg/kg ABBIA4 64,319,56
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY7535000 ALANINE, PHENYL-, L-
UPDT:8411 CAS: 63-91-2 MW: 165.21 MOLFM: C9-H11-N-O2
SYN: ALANINE, PHENYL- * ALANINE, 3-PHENYL- * L-ALANINE, PHENYL- * (S)-alpha-AMINOBENZENEPROPANOIC ACID * alpha-AMINOHYDROCINNAMIC ACID * alpha-AMINO-beta-PHENYLPROPIONIC ACID * ANTIBIOTIC FN 1636 * HYDROCINNAMIC ACID, alpha-AMINO- * PAL * PHENYLALANINE * PHENYL-alpha-ALANINE * beta-PHENYLALANINE * beta-PHENYL-alpha-ALANINE, L- * L-PHENYLALANINE * L-beta-PHENYLALANINE * (S)-PHENYLALANINE * 3-PHENYLALANINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2I76T81 orl-rat TDLo:220 gm/kg (2W male/2W pre-3W post) NETOD7 1,79,79
1T85 orl-rat TDLo:160 gm/kg (2W male/2W pre-8D post) NETOD7 1,79,79
1T86 orl-rat TDLo:192 gm/kg (2W male/2W pre-15D post) NETOD7 1,79,79
1T13 scu-mus TDLo:30 mg/kg (3D pre) BIRSB5 20(Suppl 1),133A,79
1T85 orl-mky TDLo:33600 mg/kg (1-24W preg) PEDIAU 42,27,68
TOXICITY DATA AND REFERENCES:
1P26 unk-man TDLo:200 ug/kg CNCRA6 50,219,66
ipr-rat LD50:5287 mg/kg ABBIA4 58,253,55
unk-rat LD10:2300 ug/kg CNCRA6 50,219,66
unk-mus LD10:5100 ug/kg CNCRA6 50,219,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ALANINE, 3-PHENYL- see: AY7535000
L-ALANINE, PHENYL- see: AY7535000

AY7561000 ALANINE, N-(PHENYLACETYL)-N-(2,6-XYLYL)-, METHYL ESTER, DL-
UPDT:8309 MW: 326.65 MOLFM: C20-H24-N-O3
SYN: DL-ALANINE, N-(2,6-DIMETHYLPHENYL)-N-(PHENYLACETYL)-METHYL ESTER * BENALAXYL * GALBEN * M 9834 * DL-N-(PHENYLACETYL)-N-(2,6-XYLYL)ALANINE METHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4200 mg/kg FMCHA2 -,C113,83

AY7561100 beta-ALANINE, 3-PHENYL-, 3,3-DIMETHYLBUTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 285.85 MOLFM: C15-H23-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:146 mg/kg PHARAT 38,310,83

AY7561200 beta-ALANINE, 3-PHENYL-, 6,6-DIMETHYLHEPTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 327.94 MOLFM: C18-H29-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:48 mg/kg PHARAT 38,310,83

AY7561300 beta-ALANINE, 3-PHENYL-, 5,5-DIMETHYLHEXYL ESTER, HYDROCHLORIDE, DL-
UPDT:8412 MW: 313.91 MOLFM: C17-H27-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg PHARAT 38,310,83

AY7561400 beta-ALANINE, 3-PHENYL-, 4,4-DIMETHYLPENTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 299.88 MOLFM: C16-H25-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:80 mg/kg PHARAT 38,310,83

AY7561500 ALANINE, 3-PHENYL-, HEPTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 299.88 MOLFM: C16-H25-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:154 mg/kg PHARAT 38,310,83

AY7561600 beta-ALANINE, 3-PHENYL-, HEPTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8412 MW: 299.88 MOLFM: C16-H25-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:61800 ug/kg PHARAT 38,310,83

AY7561700 beta-ALANINE, 3-PHENYL-, HEXYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 285.85 MOLFM: C15-H23-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:112 mg/kg PHARAT 38,310,83

AY7565000 beta-ALANINE, 3-PHENYL-, ISOBUTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 257.79 MOLFM: C13-H19-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:430 mg/kg PHARAT 38,310,83

AY7565100 beta-ALANINE, 3-PHENYL-, ISOHEPTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 299.88 MOLFM: C16-H25-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:69 mg/kg PHARAT 38,310,83

AY7565200 beta-ALANINE, 3-PHENYL-, ISOHEXYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 285.85 MOLFM: C15-H23-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:151 mg/kg PHARAT 38,310,83

AY7565300 beta-ALANINE, 3-PHENYL-, ISOPENTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 271.82 MOLFM: C14-H21-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:245 mg/kg PHARAT 38,310,83

AY7565400 beta-ALANINE, 3-PHENYL-, NONYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 327.94 MOLFM: C18-H29-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:71500 ug/kg PHARAT 38,310,83

AY7565500 ALANINE, 3-PHENYL-, OCTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 313.91 MOLFM: C17-H27-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:238 mg/kg PHARAT 38,310,83

AY7565600 beta-ALANINE, 3-PHENYL-, OCTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 313.91 MOLFM: C17-H27-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:76 mg/kg PHARAT 38,310,83

AY7565700 beta-ALANINE, 3-PHENYL-, PENTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 271.82 MOLFM: C14-H21-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:249 mg/kg PHARAT 38,310,83

DL-ALANINE, 3-SELENYL- (9CI) see: AY7600000

AY7600000 ALANINE, 3-SELENYL-, (+-)-
UPDT:8010 CAS: 18312-66-8 MW: 168.07 MOLFM: C3-H7-N-O2 Se
SYN: ALANINE, 3-SELENYL-, DL (8CI) * DL-ALANINE, 3-SELENYL (9CI) * SELENIUM-CYSTINE * d,l-SELENOCYSTEINE * SELENO-DL-CYSTEINE
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:4 mg/kg PSDAA2 28,117,49
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

ALANINE, 3-SELENYL-, DL (8CI) see: AY7600000
ALANOSER see: VT9630000
L-ALANOSINE see: UE6490000
N-(beta-ALANYL)AMPHOTERICIN B METHYL ESTER see: BU2640000
N-L-ALANYLCARMINOMYCIN see: QI9293170
N-L-ALANYLKARMINOMYCIN see: QI9293170
N-L-ALANYL-3-(5-OXO-7-OXABICYCLO(4.1.0)HEPT-2-YL)-L-ALANINE see: RN8763000
(AC-D-ALA(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LHRH see: OK6373000
(AC-D-ALA(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6373000
(D-ALA(sup 6)-PRO-NHEt(sup 9))-LHRH see: OK6440500
(D-ALA(sup 6)-PRO-NHEt(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6440500
ALAR see: WM9625000
ALAR-85 see: WM9625000
ALA TET see: QI9100000
ALATHON see: TR2725000
ALATHON see: TQ3325000
ALATHON 14 see: TQ3325000
ALATHON 15 see: TQ3325000
ALATHON 1560 see: TQ3325000
ALATHON 6600 see: TQ3325000
ALATHON 7026 see: TQ3325000
ALATHON 7040 see: TQ3325000
ALATHON 7050 see: TQ3325000
ALATHON 7140 see: TQ3325000
ALATHON 7511 see: TQ3325000
ALATHON 5B see: TQ3325000
ALATHON 71XHN see: TQ3325000
ALAUN (German) see: BD0330000
ALAZIN see: MV8750000
ALAZINE see: MV8750000

AY7937000 ALAZOPEPTIN
UPDT:8403 CAS: 1397-84-8 MW: 364.41 MOLFM: C15-H20-N6-O5
SYN: AA223 LEDERLE * L-ALLYL-(6-DIAZO-5-OXO)-L-NORLEUCYL-(6-DIAZO-5-OXO)-L-NORLEUCINE * AMBOMYCIN * LEDERLE AA223
MUTATION DATA AND REFERENCES:
mmo-omi 1 mg/plate JGAMA9 11,129,65
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-rat TDLo:600 ug/kg (7-8D preg) PSEBAA 97,888,58
TOXICITY DATA AND REFERENCES:
3K12U01U03 ipr-rat LD50:150 mg/kg PSEBAA 97,888,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY7940000 ALAZOPEPTIN, MONOHYDRATE
UPDT:8407 CAS: 1397-85-9 MW: 382.43 MOLFM: C15-H20-N6-O5 H2-O
SYN: L-ALLYL-(6-DIAZO-5-OXO)-L-NORLEUCYL-(6-DIAZO-5-OXO)-L-NORLEUCINE MONOHYDRATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:150 mg/kg 85ESA3 9,29,76
* unk-rat LD50:150 mg/kg 85FZAT -,112,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ALBA-DOME see: SJ7700000
ALBAGEL PREMIUM USP 4444 see: CT9450000
ALBALON LIQUIFILM see: NJ4375000
ALBAMINE see: AC8450000
ALBAMIX see: CU9080000
ALBAMYCIN see: CU9080000
ALBAMYCIN see: RD5425000
ALBAMYCIN SODIUM see: RD5425000
ALBASIL see: WP3870000

AY8510000 ALBASPIDIN
UPDT:8402 CAS: 58409-52-2
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:27700 ug/kg JPMSAE 54,1362,65

ALBEGO see: EZ9033500
ALBEMAP see: SI1400000
ALBENDAZOLE see: FD1100000
ALBEXAN see: WO8400000
ALBIGEN A see: TR8370000

AY8925000 ALBITOCIN
UPDT:8405 CAS: 39301-00-3
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 iut-gpg TDLo:250 ug/kg (1D pre) JPPMAB 16,369,64
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:800 ug/kg JPPMAB 19,760,67
2F07U01 ipr-mus LD50:5900 ug/kg JPPMAB 19,792,67
2F07U01 ivn-mus LD50:6 mg/kg JPPMAB 19,792,67
2F07U01 ivn-mky LD50:2500 ug/kg JPPMAB 19,792,67
2F07U01 ivn-rbt LD50:1800 ug/kg JPPMAB 19,792,67
orl-gpg LD50:19 mg/kg JPPMAB 19,760,67
2F07U01 ipr-gpg LD50:1 mg/kg JPPMAB 19,792,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AY8932100 ALBIZZIA AMARA Boiv., extract excluding roots
DEF Indian plant belonging to the family LEGUMINOSAE (IIJEBA6 12,512,74)
UPDT:8305

BEST COPY AVAILABLE

SYN: NARLINGA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

AY8932120 ALBIZZIA LATHAMII Hole, extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:188 mg/kg IJEBA6 15,208,77

AY8932150 ALBIZZIA LEBBECK Benth., leaf and stem extract
DEF: Jamaican plant belonging to the family MIMOSACEAE (JPPMAB 16,115,64)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 16,115,64

AY8932200 ALBIZZIA LUCIDA Benth., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8305
SYN: MAZZ EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg IJEBA6 11,43,73

AY8932250 ALBIZZIA ODORATISSIMA Benth., stem bark extract
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
SYN: KALI-SIRIS, stem bark extract
TOXICITY DATA AND REFERENCES:
3H30J30M10 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

AY8932300 ALBIZZIA PROCERA Benth., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,97,71)
UPDT:8305
SYN: SAFED SERISH EXTRACT
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:400 mg/kg IJEBA6 9,91,71

AY8932400 ALBIZZIA STIPULATA Boiv., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8305
SYN: SIRAN EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:40 mg/kg IJEBA6 12,512,74

ALBOFUNGIN see: ZD5706000
ALBOLINE see: PY8030000
ALBOMYCIN A1 see: ME3629000
ALBON see: WO9030000
ALBONE see: MX0900000
ALBONE 35 see: MX0899000
ALBONE 50 see: MX0899000
ALBONE 70 see: MX0899000
ALBONE 35CG see: MX0899000
ALBONE 50CG see: MX0899000
ALBONE 70CG see: MX0899000
ALBORAL see: DF1575000

AY9195000 ALBORIXIN
DEF: Produced by STREPTOMYCES Sp. 3840 (JANTAJ 29,692,76)
UPDT:8403 MW: 885.32 MOLFM: C48-H84-O14
SYN: ANTIBIOTIC S 14750A
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:150 mg/kg JANTAJ 29,692,76

ALBOSAL see: WO8400000
AL BROMOHYDRATE see: BD0360000
ALBUCID see: AC8450000
ALBUMIN MACRO AGGREGATES see: OL9324000
ALBUTEROL see: ZE4400000
ALCA see: BD0580000
ALCALASE see: CO9550000
ALCANFOR see: EX1260000
ALCHLOQUIN see: VC5075000
ALCLOFENAC see: AF2100000
ALCLOPHENAC see: AF2100000
ALCLOXA see: BD0580000
ALCOA 331 see: BD0940000
ALCOA C 308F see: BD0940000
ALCOA F 1 see: BD1200000
ALCOA SODIUM FLUORIDE see: WB0350000
ALCOBAM NM see: FD3500000
ALCOBAM ZM see: ZH0525000
ALCOBON see: HA6040000
ALCOGUM see: AT4680000
ALCOHOL see: KQ6300000
ALCOHOL, ANHYDROUS see: KQ6300000
ALCOHOL C-8 see: PM6550000
ALCOHOL C-9 see: RB1575000
ALCOHOL C-10 see: HE4375000
ALCOHOL C-11 see: YQ2985000
ALCOHOL C-11 see: YQ3155000
ALCOHOL C-12 see: JR5775000
ALCOHOL C-16 see: MM0225000
ALCOHOL DEHYDRATED see: KQ6300000
ALCOHOL (DOT) see: AZ0880000

AZ0880000 ALCOHOLIC BEVERAGE (DOT)
UPDT:8308
SYN: ALCOHOL (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82

ALCOHOLS, C7-9 see: TI0585000
ALCOHOL SULFATE see: AZ0890000

AZ0890000 ALCOHOL SULPHATE
UPDT:8411 CAS: 61711-25-9
SYN: ALCOHOL SULFATE " AS " AS (SURFACTANT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-mus TDLo:2 mg/kg (6-15D preg) TXCYAC 3,91,75
2T29T39 skn-mus TDLo:1600 mg/kg (1-4D preg) LIFSAK 26,49,80
2T24T34 skn-mus TDLo:8 gm/kg (1-10D preg) LIFSAK 26,49,80
1T24 skn-mus TDLo:1600 mg/kg (1D preg) TJADAB 24(1),17A,81
1T46 orl-rbt TDLo:26 mg/kg (6-18D preg) TXCYAC 3,91,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ALCON-EFRIN see: DO7525000
ALCOOL ALLILCO (Italian) see: BA5075000
ALCOOL ALLYLIQUE (French) see: BA5075000
ALCOOL AMILICO (Italian) see: EL5425000
ALCOOL AMYLIQUE (French) see: SB9800000
ALCOOL BUTYLIQUE (French) see: EO1400000
ALCOOL BUTYLIQUE SECONDAIRE (French) see: EC1750000
ALCOOL BUTYLIQUE TERTIAIRE (French) see: EO1925000
ALCOOL ETHYLIQUE (French) see: KQ6300000
ALCOOL ETILICO (Italian) see: KQ6300000
ALCOOL ISOAMYLIQUE (French) see: EL5425000
ALCOOL ISOBUTYLIQUE (French) see: MP9625000
ALCOOL ISOPROPILICO (Italian) see: NT8050000
ALCOOL ISOPROPYLIQUE (French) see: NT8050000
ALCOOL METHYL AMYLIQUE (French) see: SA7350000
ALCOOL METHYLIQUE (French) see: PC1400000
ALCOOL METILICO (Italian) see: PC1400000
ALCOOL DL-PANTOTENILICO (Italian) see: ES4316500
ALCOOL PROPILICO (Italian) see: UH8225000
ALCOOL PROPYLIQUE (French) see: UH8225000
ALCOPHOBIN see: JO1225000
ALCOPOL FL see: CI9172000
ALCOPOL O see: WN0525000
ALCOPOL R 540 see: CI9172000
ALCOTEX 88/05 see: TR8100000
ALCOTEX 88/10 see: TR8100000
ALCOWAX 6 see: TQ3325000
ALDABAN see: TM4969000
ALDACOL Q see: TR8370000
ALDACTAZIDE see: TU4725000
ALDACTIDE see: TU4725000
ALDACTONE see: TU4725000
ALDACTONE A see: TU4725000
ALDAMIL see: PB0380000
ALDECARB see: UE2275000
ALDECIN see: TU3805000
ALDEHYDE ACETIQUE (French) see: AB1925000
ALDEHYDE ACRYLIQUE (French) see: AS1050000
ALDEHYDE AMMONIA see: AB1950000
ALDEHYDE B see: MW4900000
ALDEHYDE BUTYRIQUE (French) see: ES2275000
ALDEHYDE C-6 see: MN7175000
ALDEHYDE C-8 see: RG7780000
ALDEHYDE C-9 see: RA5700000
ALDEHYDE C10 see: HD6000000
ALDEHYDE C-14 see: YQ2485000
ALDEHYDE C-18 see: LU3675000
ALDEHYDE C-10 DIMETHYLACETA. see: HD6200000
ALDEHYDE C-12, LAURIC see: JR1910000
ALDEHYDE C-14, MYRISTIC see: XB7900000
ALDEHYDECOLLIDINE see: TJ6825000
ALDEHYDE C-14 PEACH see: YQ2485000
ALDEHYDE CROTONIQUE (French) see: GP9625000
ALDEHYDE C-11, UNDECYLENIC see: YQ2835000
ALDEHYDE C-11, UNDECYLIC see: YQ1500000
ALDEHYDE DIIODO-3,5 ACETYLSALICYLIQUE (French) see: VN4906000
ALDEHYDE DIIODO-3,5 SALICYLIQUE SODIQUE (French) see: VN4907000
ALDEHYDE 2-ETHYLBUTYRIQUE (French) see: ES2625000
ALDEHYDE FORMIQUE (French) see: LP8925000
ALDEHYDE HYDROXY-4 METHOXY-3 ISOPHTHALIQUE (French) see: NT2005000
ALDEHYDE PROPIONIQUE (French) see: UE0350000
ALDEHYDINE see: TJ6825000
ALDEIDE ACETICA (Italian) see: AB1925000
ALDEIDE ACRILICA (Italian) see: AS1050000
ALDEIDE BUTIRRICA (Italian) see: ES2275000
ALDEIDE FORMICA (Italian) see: LP8925000
ALDERLIN see: QJ9100000
ALDERLIN HYDROCHLORIDE see: QJ9275000
ALDICARB see: UE2275000
ALDICARBE (French) see: UE2275000
ALDICARB SULFONE see: UE2080000
ALDIFEN see: SL2800000
AI-DIISOBUTYL see: BD0710000
ALDINAMID see: UQ2275000
ALDINAMIDE see: UQ2275000
ALDO see: EU1575000
ALDO-28 see: RG1925000
ALDO-72 see: RG1925000
ALDOCORTEN see: TU4523000
ALDOCORTEN see: TU5023000
ALDOCORTENE see: TU4523000
ALDOCORTIN see: TU4523000
ALDOCORTIN see: TU5023000
ALDO HMS see: RG1925000
ALDOL see: ES3150000
ALDOL (DOT) see: ES3150000
ALDOMET see: AY5950000
ALDOMETIL see: AY5950000
ALDOMIN see: AY5950000
ALDO MS see: RG1925000
ALDO MSA see: RG1925000
ALDO MSLG see: RG1925000
ALDOMYCIN see: LT7700000
ALDOSPERSE L 9 see: MD08750C0
ALDOSTERONE see: TU5023000
ALDOSTERONE (BCI) see: TU4523000
(+)-ALDOSTERONE see: TU4523000
d-ALDOSTERONE see: TU4523000
ALDOXIME see: AB2975000
ALDOXYCARB see: UE2080000
ALDREX see: IO2100000
ALDREX 30 see: IO2100000
ALDRIN see: IO2100000
ALDRIN, cast solid (DOT) see: IO2100000
ALDRIN (DOT) see: IO2100000
ALDRINE (French) see: IO2100000
ALDRIN mixture, dry (DOT) see: IO2100000
ALDRIN mixture, liquid (DOT) see: IO2100000
ALDRITE see: IO2100000
ALDROSOL see: IO2100000
ALDYL A see: TQ3325000
ALENTIN see: YS4200000
ALENTISAN see: XK8150000
ALENTOL see: SI1750000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

AZ4250000 ALE OIL
DEF By-product of tall oil from the wood-pulp industry (FCTXAV 17,695,79)
UPDT 8303

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 17,701,79

ALEPOL see: GY6440000 2-CYCLOPENTENE-1-UNDECANOIC ACID, SODIUM SALT, (+)-
ALEPSIN see: MU1400000
ALERMINE see: VB2450000
ALERYL see: KR6825000
ALESTEN see: AC8450000
ALEUDRIN see: DO1750000
ALEUDRIN see: DO2273000
ALEUDRINE see: DO1750000
ALEUDRINE SULFATE see: DO2100000

AZ4650000 ALEURITES FORDII Hemsl., stem extract
DEF Indian plant belonging to the family EUPHORBIACEAE (UEBAG 9,91,71)
UPDT 8302

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg UEBAG 9,91,71

AZ4660000 ALEURITES MONTANA E.H. Wils., extract excluding roots
DEF Indian plant belonging to the family EUPHORBIACEAE (UEBAG 11,43,73)
UPDT 8302
SYN: TUNG OIL TREE EXTRACT

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:375 mg/kg UEBAG 11,43,73

ALEURITIC ACID, tech. see: ML9850000
ALEVAIRE see: SM9750000
ALEVIATIN see: MU1050000
ALEXAN see: HA5425000
ALEXAN see: LV2615000
ALF see: XJ2700000
ALFA-1081 see: BC8420000
ALFACALCIDOL see: VZ4650000
ALFACALCIDOL see: VS2851000
ALFACOL see: GP8558000
ALFACRON see: TF0175000
ALFADIONE see: TU4157230
ALFADOLONE see: TU4157175
ALFADRYL see: XH9802000
ALFAMAT see: FM9450000
ALFANAFTILAMINA (Italian) see: QJ1400000
ALFA-NAFTYLOAMINA (Polish) see: QM1400000
ALFATESINE (French) see: TU4157230
ALFA-TOX see: KH3900000
ALFA-TOX see: TF3325000
ALFATROFIN see: GM7900000
ALFAXALONE see: TU4157190
ALFENOL 3 see: MD0907700
ALFENOL V see: MD0907700
ALFENTANIL HYDROCHLORIDE see: TX1452500
ALFEPROL see: UA5425000
ALFEPROL (Russian) see: UA5350000
ALFIBRATE see: BD0348000
ALFICETYN see: AB6825000
ALFIMID see: MA4725000
ALFLOROME see: TU5025000
ALFOL 6 see: RH6550000
ALFOL-10 see: RH6560000
ALFOL 12 see: JR5775000
ALFUCIN see: LI7700000
ALGAFAN see: EL3C90000
ALGAMON see: VN6475000
ALGARROBA see: OJ8690000
ALGERIL see: UE4526000
ALGESTONE ACETOPHENIDE see: TU5011700
ALGIAMIDA see: VN6475000
ALGICINA see: VO0780000
ALGIDON see: MJ61300000
ALGIL see: NS3950000
L'-ALGILINE see: AZ5820000
ALGIMYCIN see: OV6475000
ALGIN see: AZ5820000
ALGIN (polysaccharide) see: AZ5820000
ALGINATE EMF see: AZ5820000
ALGIN GUM see: FI0705000

AZ5775000 ALGINIC ACID
UPDT 8403 CAS: 9005-32-7
SYN: KELACID * LANDALGINE * NORGINE * POLYMANNURONIC ACID * SAZZIO

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1600 mg/kg AIPTAK 111,167,57
ipr-mus LDLo:1000 mg/kg TXAPA9 23,268,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AZ5820000 ALGINIC ACID, SODIUM SALT
UPDT 8403 CAS: 9005-38-3
SYN: ALGIN * ALGIN (polysaccharide) * ALGINATE EMF * ALGIPON L-1168 * AMNUCOL * ANTIMIGRANT * AS * CECALGINE TBV * COHASALIM * DARID QH * DARILOID QH * DUCRALGIN * HALLTER * KELCO GEL LV * KELCOSOL * KELGIN * KELGIN F * KELGIN HV * KELGIN LV * KELGIN RL * KELGUM * KELSET * KELSIZE * KELTEX * KELTONE * L-ALGILINE * LAMITEX * MANUCOL * MANUCOL DM * MANUCOL EMF * MANUCOL SS-LD2 * MANUGEL F 331 * MANUTEX * MANUTEX F * MANUTEX RS * MANUTEX RS 1 * MANUTEX RS-5 * MANUTEX SA-KP * MANUTEX SH-LM * MEYPRALGIN R-LV * MINUS * MOSANON * NOURALGINE * OG 1 * PECTALGINE * PROCTIN * PROTACELL B * PROTANAL * PROTATEX * SNOW ALGIN M * SNOW ALGIN L * SNOW ALGIN M * SODIUM ALGINATE * SODIUM POLYMANNURONATE * STIPINE * TAGAT * TRAGAYA

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:1000 mg/kg FAONAU 53A,382,74
ivn-mus LD50:200 mg/kg FAONAU 53A,382,74
ipr-cat LD50:250 mg/kg FAONAU 53A,382,74
ivn-rbt LD50:100 mg/kg FAONAU 53A,382,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ALGINIDIA see: PB1380000
ALGIPON L-1168 see: AZ5820000
ALGISTAT see: QL7525000
ALGLOFLON see: KX4025000
ALGOCALMIN see: PB1300000
ALGOCOR see: OB1835000
ALGO-DEX see: SI1400000
ALGOFLON SV see: KX4025000
ALGOFRENE TYPE 1 see: PB6125000
ALGOFRENE TYPE 2 see: PA8200000
ALGOFRENE TYPE 5 see: PA8400000
ALGOFRENE TYPE 6 see: PA6390000
ALGOFRENE TYPE 67 see: KI1410000
ALGOLYSIN see: MJ6130000
ALGOSEDIV see: TI4375000
ALGOTROPYL see: AE4200000
ALGRAIN see: KQ6300000
ALGYLEN see: KX4550000

AZ6480000 ALHAGI MAURORUM Baker, extract
DEF Indian plant belonging to the family LEGUMINOSAE (UEBAG 16,228,78)
UPDT 8411

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:750 mg/kg UEBAG 16,228,78

ALICEP see: UR6135000
ALICIDON see: CB2687000
ALICYANATE see: GS6825000
ALIDASE see: MT7260000
ALIDINE see: NS5250000
ALIDOCHLOR see: AB5250000
ALIETTE see: SZ9640000
ALIMEMAZINE see: SO5700000
ALIMEMAZINE S,S-DIOXIDE see: SO5775000
ALIMEZINE see: SO5700000
ALINAMIN see: LQ0699000
ALINAMIN F see: LQ0750000
ALINDOR see: UQ8225000

AZ6794000 ALIPAL CO-433
DEF Sulfated ALKYLPHENOXYPOLY-(ETHYLENEOXY)ETHANOL, SODIUM or AMMONIUM salts (FMCHA2 -,C10,83)
UPDT 8309

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10 gm/kg FMCHA2 -,C10,83

AZ6795000 ALIPAL CO-436
DEF Sulfated ALKYLPHENOXYPOLY-(ETHYLENEOXY)ETHANOL, SODIUM or AMMONIUM salts (FMCHA2 -,C10,83)
UPDT 8309

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8 gm/kg FMCHA2 -,C10,83

ALIPORINA see: UU3675000
ALIPUR see: YS7890000
ALIQUAT 336 see: BR8575000
ALIQUAT 336N see: BR8575000
ALIQUAT 336-PTC see: BR8575000
ALISSEUM see: DF1575000
ALITHON 7050 see: TQ3325000
ALITINAL see: CQ5250000
ALITON see: LQ0699000
ALIVAL see: NX4912800
ALIVAL (ANTIDEPRESSANT) see: NX4912800
ALIZARIN see: CB6580000
ALIZARINA see: CB6580000
ALIZARIN B see: CB6580000
ALIZARIN COMPLEXON see: AM0585000
ALIZARIN COMPLEXONE see: AM0585000
ALIZARINE see: CB6580000
ALIZARINE 6 see: CB6580000
ALIZARINE 3B see: CB6580000
ALIZARINE BLUE BLACK OCBN see: QK2195000
ALIZARINE BLUE BLACK OCGN see: QK2195000
ALIZARINE BLUE BLACK OCGP see: QK2195000
ALIZARINE BLUE OCB see: QK2195000
ALIZARINE CHROME ORANGE G see: VO5310000
ALIZARINE COMPLEXON see: AM0585000
ALIZARINE COMPLEXONE see: AM0585000
ALIZARINE FLUORINE BLUE see: AM0585000
ALIZARINE INDICATOR see: CB6580000
ALIZARINE LAKE RED IPX see: CB6580000
ALIZARINE LAKE RED 2P see: CB6580000
ALIZARINE LAKE RED 3P see: CB6580000
ALIZARINE L PASTE see: CB6580000
ALIZARINE NAC see: CB6580000
ALIZARINE ORANGE see: VO5310000
ALIZARINE ORANGE 2GN see: VO5310000
ALIZARINE ORANGE R see: VO5310000
ALIZARINE ORANGE RD see: VO5310000
ALIZARINE PASTE 20% BLUISH see: CB6580000
ALIZARINE RED see: CB6580000
ALIZARINE RED B see: CB6580000
ALIZARINE RED B2 see: CB6580000
ALIZARINE RED IP see: CB6580000
ALIZARINE RED IPP see: CB6580000
ALIZARINE RED L see: CB6580000
ALIZARINE YELLOW see: DJ7620000
ALIZARINE YELLOW P see: VO5310000
ALIZARINE YELLOW R see: VO5310000
ALIZARINE YELLOW R-CF see: VO5310000
ALIZARINE YELLOW R (INDICATOR) see: VO5310000
ALIZARINE YELLOW RW see: VO5310000
ALIZARIN FLUORINE BLUE see: AM0585000
ALIZARINKOMPLEXON see: AM0585000
ALIZARIN RED see: CB6580000
ALIZAROL ORANGE R see: VO5310000
ALKABUTAZONA see: UQ8225000
ALKALI RESISTANT RED DARK see: QJ1897000
ALKALOID C see: AX7875000
ALKALOID F see: AX7875000
ALKALOID H see: AX7875000

AZ7741400 ALKALOIDS, STRYCHNOS POTATORUM SEEDS
DEF Plants grow in India and are used in the clearing of muddy water (PLMEAA 38,133,80)
UPDT 8406
SYN: STRYCHNOS POTATORUM SEED ALKALOIDS

TOXICITY DATA AND REFERENCES:
3F05F11F12 ipr-mus LD50:80 mg/kg PLMEAA 38,133,80

ALKALOIDS, VERATRUM see: YX7875000
ALKALOID V see: GY0750000
ALKAMID see: TQ9800000
ALKARAU see: ZG0350000
ALKARSODYL see: CM7700000
ALKASERP see: ZG0350000

BEST COPY AVAILABLE

ALKATHENE see: TQ3325000
ALKATHENE 200 see: TQ3325000
ALKATHENE 22 300 see: TQ3325000
ALKATHENE 17/04/00 see: TQ3325000
ALKATHENE ARN 60 see: TQ3325000
ALKATHENE RXDG33 see: KX4025000
ALKATHENE WJG 11 see: TQ3325000
ALKATHENE WNG 14 see: TQ3325000
ALKATHENE XDG 33 see: TQ3325000
ALKATHENE XJK 25 see: TQ3325000
ALK-AUBS see: JO1225000
ALKAVERVIR see: YX7875000
ALK-ENZYME see: CO9550000
ALKERAN see: AY3675000
ALKIRON see: YR0875000
ALKOFEN BP see: GO7875000
ALKOHOL (German) see: KQ6300000
ALKOTEX see: TR8100000
ALKOVERT see: NM7525000
ALKRON see: TF4550000

AZ8400000 ALKYL ARYL SULFONATE
DEF:It is synthetic anionic detergent, containing a minimum of 40 % SODIUM ALKYL ARYL SULFONATE,approximately 2 % MOISTURE, 1 % UNSULFONATED Oil, and the balance SODIUM SULFATE(JPHAA3 42,489,53)
UPDT.8403
SYN: D-40 * WITCONATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2320 mg/kg JAPMA8 42,489,53
orl-mus LD50:2010 mg/kg JAPMA8 42,489,53
orl-rbt LD50:1730 mg/kg JAPMA8 42,489,53
orl-ham LD50:1131 mg/kg JAPMA8 42,489,53

ALKYLBENZENESULFONATE see: DB4370000
linear ALKYLBENZENESULFONATE, SODIUM SALT see: DB4550000
ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE see: BO3150000
ALKYLDIMETHYLETHYLBENZYL AMMONIUM CHLORIDE see: BO3375000
ALKYLDIMETHYL(PHENYLMETHYL)QUATERNARY AMMONIUM CHLORIDES see: BO3150000
ALKYL((ETHYLPHENYL)METHYL)DIMETHYL QUATERNARY AMMONIUM CHLORIDES see: BO3325000

AZ9371000 ALKYL FERROCENE I
DEF:Composed of 5% FERROCENE, 65% MONO-tert-BUTYLFERROCENE and 30% DI-tert-BUTYLFERROCENE(85GMAT -,17,82)
UPDT.8408
SYN: AF 1
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:3958 mg/kg 85GMAT -,17,82
° orl-mus LD50:2390 mg/kg 85GMAT -,17,82

AZ9371100 ALKYL FERROCENE II
DEF:Composed of 5% FERROCENE, 65% DI-tert-BUTYLFERROCENE and 20% DISOOCTYL FERROCENE(85GMAT -,17,82)
UPDT.8408
SYN: AF-2
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:12229 mg/kg 85GMAT -,17,82
° orl-mus LD50:11 gm/kg 85GMAT -,17,82

ALKYLPOLYETHOXYPHENOXYETHANOL see: TR4908000
ALKYLSEVIN see: FC4740000 CARBAMIC ACID, METHYL-, 2-METHYL-1-NAPHTHYL ESTER
ALKYLSEVIN 67 see: FC4740000 CARBAMIC ACID, METHYL-, 2-METHYL-1-NAPHTHYL ESTER
ALKYL(C9-15)TOLYL METHYLTRIMETHYL AMMONIUM CHLORIDE see: BO3675000
ALKYROM see: XU1594000
ALLACYL see: YQ8665000

BA0130000 ALLAMANDA CATHARTICA Linn., extract excluding roots
DEF:Indian plant belonging to the family APOCYNACEAE (IJEBA6 15,208,77)
UPDT.8408
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:187 mg/kg IJEBA6 15,208,77

ALLBARBITAL see: CQ3325000
ALLBRI ALUMINUM PASTE AND POWDER see: BD0330000
ALLBRI NATURAL COPPER see: GL5325000
ALLEDRYL see: KR6825000
(+)-ALLELRETHONYL (+)-cis,trans-CHRYSANTHEMATE see: GZ1925000

BA0400000 ALLENE
CAS: 463-49-0 MW: 40.07 MOLFM: C3-H4
SYN: sym-ALLYLENE * DIMETHYLENEMETHANE * PROPADIENE * 1,2-PROPADIENE (9CI) * PROPADIENE (DOT) * UN 2200 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE GAS; LABEL-FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 S85
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

ALLEOSIDE A DIHYDRATE see: HY6117000
ALLERCLOR see: US6475000
ALLERCORB see: CI7650000
ALLERCUR see: DD6730000
ALLERGAN 211 see: YU7700000
ALLERGAN 8 see: KR6825000
ALLERGEFON MALEATE see: US6350000
ALLERGEN see: TM7810000
ALLERGEVAL see: KR6825000
ALLERGICAL see: KR6825000
ALLERGICAN see: US6379500
ALLERGIN see: US6475000
ALLERGIN see: KR6825000
ALLERGINA see: KR6825000
ALLERGISAN see: US6379500
ALLERGISAN see: US6475000
ALLERGIVAL see: KR6825000
ALLERON see: TF4550000
ALLETHRIN see: GZ1925000
d-ALLETHRIN see: GZ1925000
d-trans ALLETHRIN see: GZ1950000
trans-(+)-ALLETHRIN see: GZ1472000
ALLETHRIN (DOT) see: GZ1925000
ALLETHRIN I see: GZ1925000
d-ALLETHROLONE CHRYSANTHEMUMATE see: GZ1472000
(+)-ALLETHRONYL (+)-trans-CHRYSANTHEMUMATE see: GZ1472000
ALLICIN see: UD1900000
ALLIDOCHLOR see: AB5250000
ALLIED CHEMICAL GC-10101 see: TF2000000
ALLIED GC-6506 see: TC5075000
ALLIED GC 9160 see: PC8400000
ALLIED PE 617 see: TQ3325000
ALLILE (CLORURO DI) (Italian) see: UC7350000
ALLIL-GLICIDIL-ETERE (Italian) see: RR0875000
1-ALLILOSSI-2,3 EPOSSIPROPANO (Italian) see: RR0875000
ALLILOWY ALKOHOL (Polish) see: BA5075000
ALLIONAL see: CP8925000
ALLISAN see: BX2975000

BA1960000 ALLIUM SATIVUM Linn., powder
UPDT.8411
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-rat TDLo:9 gm/kg (45D male) IJEBA6 20,534,82
1T02 orl-rat TDLo:14 gm/kg (70D male) IJEBA6 20,534,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ALLOBARBITAL see: CQ3325000
ALLOBARBITAL EPOXIDE see: CP8412700
ALLOBARBITONE see: CQ3325000
ALLOCAINE see: DG2100000
ALLOCAINE see: DG2275000
ALLOCLAMIDE see: CU8800000
ALLOCUPREIDE SODIUM see: DG0970000
ALLODENE see: SM9450000

BA2925500 ALLOFURANURONIC ACID, 5-((2-AMINO-5-O-(AMINOCARBONYL)-2-DEOXY-L-XYLONAMINO)-1,5-DIDEOXY- 1-(4-FORMYL-2,3-DIHYDRO-2-OXO-1H-IMIDAZOL-1-YL)-, beta-D-
UPDT.8309 CAS: 37362-29-1 MW: 477.44 MOLFM: C16-H23-N5-O12
SYN: POLYOXIN N
TOXICITY DATA AND REFERENCES:
° unk-mus LD50:500 mg/kg 85GDA2 5,252,81

BA2926500 ALLOFURANURONIC ACID, 5-(2-AMINO-2-DEOXY-L-XYLONAMIDO)-1,5-DIDEOXY-1-(3,4-DIHYDRO-2,4-DIOXO- 1(2H)-PYRIMIDINYL)-, 5'-CARBAMATE, beta-D-
UPDT.8309 CAS: 22976-90-5 MW: 477.44 MOLFM: C16-H23-N5-O12
SYN: POLYOXIN L
TOXICITY DATA AND REFERENCES:
° orl-mus LD50:15 gm/kg 85GDA2 5,251,81
° ivn-mus LD50:500 mg/kg 85GDA2 5,251,81

BA2927000 ALLOFURANURONIC ACID, 5-(2-AMINO-2-DEOXY-L-XYLONAMIDO)-1,5-DIDEOXY-1-(3,4-DIHYDRO-5- (HYDROXYMETHYL)-2,4-DIOXO-1(2H)-PYRIMIDINYL)-, MONOCARBAMATE (ester), beta-D-
UPDT.8309 CAS: 19396-06-6 MW: 507.47 MOLFM: C17-H25-N5-O13
SYN: POLYOXIN AL * POLYOXIN B
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:14665 mg/kg FMCHA2 -,C192,83
° orl-mus LD50:15638 mg/kg FMCHA2 -,C192,83
° ivn-mus LD50:200 mg/kg 85GDA2 5,245,81

BA2927400 ALLOFURANURONIC ACID, 5-(2-AMINO-2,3-DIDEOXY-L-erythro-PENTONAMIDO)-1,5-DIDEOXY-1-(3,4- DIHYDRO-5-(HYDROXYMETHYL)-2,4-DIOXO-1(2H)-PYRIMIDINYL)-, MONOCARBAMATE (ester), beta-D-
UPDT.8309 CAS: 22976-88-1 MW: 491.47 MOLFM: C17-H25-N5-O12
SYN: POLYOXIN G
TOXICITY DATA AND REFERENCES:
° ivn-mus LD50:100 mg/kg 85GDA2 5,248,81

ALLOMALEIC ACID see: LS9625000
ALLOMALEIC ACID DIMETHYL ESTER see: EM6125000
ALLOMYCIN see: BE5950000
ALLONAL see: CP8925000
ALLO-OCIMENOL see: RG5775000

BA3640000 ALLOPHANIC ACID, 4,4'-o-PHENYLENEBIS(3-THIO-
UPDT.8309 MW: 314.36 MOLFM: C10-H10-N4-O4-S2
SYN: CHIPCC SPOT KLEEN * 4,4'-o-PHENYLENEBIS(3-THIOALLOPHANATE)
TOXICITY DATA AND REFERENCES:
° orl-man LD50:6600 mg/kg FMCHA2 -,C50,83
° skn-man LD50:10000 mg/kg FMCHA2 -,C50,83

BA3650000 ALLOPHANIC ACID, 4,4'-o-PHENYLENEBIS(3-THIO-, DIETHYL ESTER
UPDT.8406 CAS: 23564-06-9 MW: 370.48 MOLFM: C14-H18-N4-O4-S2
SYN: BAS 3220 * 1,2-BIS-(3-ETHOXYCARBONYL-THIOUREIDO)-BENZENE * 1,2-BIS(3-ETHOXYCARBONYL-2-THIOUREIDO) BENZENE * CARBAMIC ACID, (1,2-PHENYLENEBIS(IMINOCARBONOTHIOYL))BIS-, DIETHYL ESTER (9CI) * CERCOBIN * CLEARY 3336 * DIETHYL 4,4'-o-PHENYLENEBIS(3-THIOALLOPHANATE) * ENOVIT * ETHYL THIOPHANATE * NF 35 * NF 35 (fungicide) * PELT * PELT 50L * THIOFANATE * THIOPHANAT (German) * THIOPHANATE * THIOPHANATE ETHYL * TIOFANATE ETILE (Italian) * THIOPHENITE * TOPSIN * TOPSIN E * TOPSIN NF 35 * 3336 TURF FUNGICIDE
MUTATION DATA AND REFERENCES:
mmo-smc 5 ppm RSTUDV 6,161,76
sln-asn 100 mg/L EVHPAZ 31,81,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T26 orl-mus TDLo:15 gm/kg (1-15 preg) OYYAA2 4,23,70
1T81 orl-mus TDLo:336 gm/kg (MGN) OYYAA2 4,23,70
1T26 orl-mus TDLo:13440 mg/kg (MGN) OYYAA2 4,23,70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1500 mg/kg 85ARAE 4,126,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 32(2),151,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BA3675000 ALLOPHANIC ACID, 4,4'-o-PHENYLENEBIS(3-THIO-, DIMETHYL ESTER
UPDT.8406 CAS: 23564-05-8 MW: 342.42 MOLFM: C12-H14-N4-O4-S2
SYN: BAS 32500F * o-BIS(3-METHOXYCARBONYL-2-THIOUREIDO)BENZENE * 1,2-BIS(METHOXYCARBONYLTHIOUREIDO)BENZENE * 1,2-BIS(3-(METHOXYCARBONYL)-2-THIOUREIDO)BENZENE * CARBAMIC ACID, (1,2-PHENYLENEBIS(IMINOCARBONOTHIOYL))BIS-, DIMETHYL ESTER * CERCOBIN M * CERCOBIN METHYL * DIMETHYL ((1,2-PHENYLENE)BIS-(IMINOCARBONOTHIOYL))BIS(CARBAMATE) * DIMETHYL 4,4'-o-PHENYLENE-BIS-(3-THIOALLOPHANATE) * ENOVIT M * ENOVIT METHYL * ENOVIT SUPPER * FRUMIDOR * FUNGITOR * FUNGO * FUNGO 50 * LABILITE * METHYLTHIOFANATE * METHYL THIOPHANATE * METHYL TOPSIN * MILDOTHANE * NEOTOPSIN * NF 44 * PELT 14 * PELT 44 * SIGMA * SIPCAPLANT * SIPCASAN * SIPCAVIT * TD 1773 * THIOPHANATE M * THIOPHANATE METHYL * TIOFANATE METILE (Italian) * TOPSIN M * TOPSIN NF-44 * TOPSIN WP METHYL * TREVIN * ZYBAN
MUTATION DATA AND REFERENCES:
mmo-smc 5 ppm RSTUDV 6,161,76
sln-asn 14 umol/L EVHPAZ 31,81,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:86400 mg/kg (25W male) OYYAA2 7,929,73
1T13 orl-rat TDLo:2880 mg/kg (25W pre) OYYAA2 7,929,73
1T03 orl-mus TDLo:960 mg/kg (5D male) TXAPA9 30,129,74
1T26 orl-mus TDLo:15 gm/kg (1-15D preg) TXAPA9 24,206,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6640 mg/kg TXAPA9 23,606,72
ipr-rat LD50:1140 mg/kg TXAPA9 23,606,72
orl-mus LD50:3400 mg/kg TXAPA9 23,606,72

BEST COPY AVAILABLE

ipr-mus LD50:790 mg/kg TXAPA9 23,606,72
orl-dog LDLo:4000 mg/kg TXAPA9 23,606,72
orl-rbt LD50:2270 mg/kg TXAPA9 23,606,72
orl-gpg LD50:3640 mg/kg TXAPA9 23,606,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 32(2),151,75; RREVAH 63,1,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BA3695000 ALLOPHYLLUS RHEEDII Radlk., extract excluding roots
DEF: Indian plant belonging to the family SAPINDACEAE (IJEBA6 12,512,74)
UPDT:8302

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:45 mg/kg IJEBA6 12,512,74

BA3696000 ALLOPHYLLUS SERRATUS (Roxb.) Radlk., extract excluding roots
DEF: Indian plant belonging to the family SAPINDACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: TEEUTI EXTRACT

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:187 mg/kg IJEBA6 11,43,73

ALLOPREGNAN-3-beta,17-alpha-DIOL-20-ONE see: TU4379500
ALLOPREGNAN-3-beta-OL-20-N-ACETYLHYDRAZINE see: TU4195000
ALLOPREGNAN-3-beta-OL-20-ISONICOTINYLHYDRAZONE see: TU4384200
ALLOPREGNAN-3-beta-OL-20-NICOTINYLHYDRAZINE see: TU4330000
ALLOPREGNAN-3-beta-OL-20-NICOTINYLHYDRAZONE see: TU4386000
delta(sup 1)-ALLOPREGNENE-17-alpha-OL-3,20-DIONE see: TU5073000
ALLOPURINOL see: UR0785000
ALLOPYDIN see: AF2100000
ALLORPHINE see: QC7700000
ALLOTROPAL see: SC4900000

BA4200000 ALLOXAN
UPDT:8408 CAS: 50-71-5 MW: 142.08 MOLFM: C4-H2-N2-O4
SYN: ALLOXANE * BARBITURIC ACID, 5-OXO- * MESOXALYLCARBAMIDE * MESOXALYLUREA * 2,4,5,6(1H,3H)-PYRIMIDINETETRONE * 2,4,5,6-PYRIMIDINTETRON (Czech) * 2,4,5,6-TETRAOXOHEXAHYDROPYRIMIDINE * UREA, MESOXALYL-

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,150,72

MUTATION DATA AND REFERENCES:
cyt-mus-ipr 50 mg/kg JOHEAB 65,345,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 ipr-rat TDLo:150 mg/kg (MGN) METAAJ 20,401,71
3T41T42T43 ipr-rat TDLo:160 mg/kg (7D preg) ANREAK 158,303,67
2T46T53 ipr-rat TDLo:160 mg/kg (7D preg) ANREAK 158,303,67
1T44 ipr-rat TDLo:155 mg/kg (15-21D preg) JDREAF 32,246,53
3T16T71T72 scu-rat TDLo:80 mg/kg (14D preg) DIAEAZ 8,45,59
2T71T75 scu-rat TDLo:400 mg/kg (2D pre) LANCAO 2,841,50
1T16 ivn-rat TDLo:30 mg/kg (1D pre) ANREAK 139,273,61
2T41T42 par-rat TDLo:150 mg/kg (7D preg) ANREAK 154,431,66
2T17T81 par-rat TDLo:60 mg/kg (1D post) IJEBA6 10,389,72
2T41T42 ipr-mus TDLo:200 mg/kg (1D preg) ANREAK 154,431,66
3T34T35T46 ipr-mus TDLo:200 mg/kg (8D preg) JEEMAF 14,63,65
2T41T43 scu-mus TDLo:200 mg/kg (1D preg) ANREAK 158,303,67
3T25T35T42 scu-mus TDLo:200 mg/kg (1D preg) ANREAK 154,431,66
3T41T43T46 ivn-mus TDLo:50 mg/kg (1D pre) AEHLAU 12,492,66
2T26T34 ivn-mus TDLo:50 mg/kg (1D pre) AEHLAU 12,492,66

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:4470 mg/kg 28ZPAK -,150,72
ivn-rat LD50:300 mg/kg CRSBAW 142,1335,48
ipr-mus LDLo:300 mg/kg PSEBAA 67,154,48
scu-mus LDLo:400 mg/kg PSEBAA 67,154,48
ivn-mus LDLo:200 mg/kg PSEBAA 67,154,48
ivn-rbt LDLo:300 mg/kg AJCPAI 16,257,46
rec-rbt LDLo:180 mg/kg AJCPAI 16,257,46
ivn-pgn LDLo:150 mg/kg PSEBAA 58,31,45
ivn-dck LDLo:250 mg/kg HBTXAC 5,6,59
ivn-dom LDLo:200 mg/kg HBTXAC 5,6,59

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 5,447,65

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ALLOXANE see: BA4200000
ALLOXAN MONOHYDRATE see: UW0492000

BA4225000 ALLOXAN, 5-OXIME
UPDT:8403 CAS: 87-39-8 MW: 157.10 MOLFM: C4-H3-N3-O4
SYN: 5-HYDROXYIMINOBARBITURIC ACID * 5-ISONITROSOBARBITURIC ACID * 2,4,5,6(1H,3H)-PYRIMIDINETETRONE 5-OXIME * VIOLURIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#05202

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ALLOXYDIM-SODIUM see: GU8390000
ALLOZYM see: UR0785000
ALLTEX see: XW5250000
ALLTOX see: XW5250000
ALLUMINIO(CLORURO DI) (Italian) see: BD0525000
ALLUMINIO DIISOBUTIL-MONOCLORURO (Italian) see: BD0560000
ALLURAL see: UR0785000
ALLUVAL see: YS3150000
ALLYBARBITURAL see: CQ3325000
ALLYL ACETATE see: AF1750000
ALLYL ACETATE (DOT) see: AF1750000
ALLYLACETIC ACID see: SB2800000
ALLYL AL see: BA5075000

BA5075000 ALLYL ALCOHOL
UPDT:8412 CAS: 107-18-6 MW: 58.09 MOLFM: C3-H6-O
SYN: AA * ALCOOL ALLILICO (Italian) * ALCOOL ALLYLIQUE (French) * ALLILOWY ALKOHOL (Polish) * ALLYL AL * ALLYL ALCOHOL (DOT) * ALLYLALKOHOL (German) * ALLYLIC ALCOHOL * 3-HYDROXYPROPENE * ORVINYLCARBINOL * 2-PROPENE-1-OL * PROPENOL * 1-PROPENOL-3 * PROPEN-1-OL-3 * 1-PROPEN-3-OL * 2-PROPEN-1-OL * PROPENYL ALCOHOL * 2-PROPENYL ALCOHOL * RCRA WASTE NUMBER P005 * SHELL UNKRAUTTED A * UN 1098 (DOT) * VINYLCARBINOL * WEED DRENCH

IRRITATION DATA AND REFERENCES:
eye-hmn 25 ppm SEV AMIHAB 18,303,58
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 4270 ug SEV AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:
mma-sat 100 umol/L MUREAV 93,305,82
mma-sat 50 ug/plate TCMUD8 1,259,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:64 mg/kg JIHTAB 30,63,48
3J15L02K12 ihl-rat LC50:165 ppm/4H AMIHAB 18,303,58
3J15L02K12 ipr-rat LD50:42 mg/kg AMIHAB 18,303,58
2J13F19 orl-mus LD50:96 mg/kg AMIHAB 18,303,58
* ihl-mus LC50:500 mg/m3/2H 85GMAT -,17,82
2J15F19 ipr-mus LD50:42 mg/kg AMIHAB 18,303,58
* ivn-mus LD50:76 mg/kg AIPTAK 135,330,62
orl-dog LDLo:5 mg/kg JPETAB 25,144,25
ihl-mky LCLo:1000 ppm/4H CRTXB2 5,189,77
* orl-rbt LDLo:53 mg/kg CRTXB2 5(3),189,77
ihl-rbt LCLo:1000 ppm JAMAAP 98,2269,32
* skn-rbt LD50:45 mg/kg JIHTAB 30,63,48

REVIEW AND REFERENCES:
★ TLV-TWA 2 ppm; STEL 4 ppm (skin) DTLVS* 4,11,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ppm (skin) (SCP-E) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1402
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0181-0381
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ALLYL ALCOHOL (DOT) see: BA5075000
ALLYL ALDEHYDE see: AS1050000
ALLYLALKOHOL (German) see: BA5075000
N-ALLYL-2-(ALLYLOXY)-5-AMINOBENZAMIDE see: CU8703800
N-ALLYL-2-(ALLYLOXY)-5-AMINO-m-TOLUAMIDE HYDROCHLORIDE see: XS3590700
ALLYL alpha-ALLYLOXYCARBONYLOXYACRYLATE see: UD3670500
1-ALLYLAMIDINO-3-(2,6-DIETHYLPHENYL)UREA HYDROCHLORIDE see: YR7877000
1-ALLYLAMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE see: YR7877500

BA5425000 ALLYLAMINE
UPDT:8411 CAS: 107-11-9 MW: 57.11 MOLFM: C3-H7-N
SYN: ALLYLAMINE (DOT) * 3-AMINOPROPENE * 3-AMINOPROPYLENE * MONOALLYLAMINE * 2-PROPENAMINE * 2-PROPEN-1-AMINE (9CI) * UN 2334 (DOT)

MUTATION DATA AND REFERENCES:
cyt-rat-orl 2500 ng/kg GISAAA 48(1),80,83

TOXICITY DATA AND REFERENCES:
2D17J02 ihl-man TCLo:5 ppm/5M AEHLAU 1,343,60
2J16K30 orl-rat LD50:106 mg/kg AEHLAU 1,343,60
3D17J02J16 ihl-rat LC50:286 ppm/4H AEHLAU 1,343,60
* orl-mus LD50:57 mg/kg AEHLAU 1,343,60
2F07J16 ipr-mus LD50:49 mg/kg AEHLAU 1,343,60
2R10J16 skn-rbt LD50:35 mg/kg AEHLAU 1,343,60
* ihl-mam LC50:320 mg/m3 TPKVAL 14,80,75
* unk-mam LD50:783 mg/kg TPKVAL 14,80,75

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ALLYLAMINE, 3-(p-BROMOPHENYL)-N,N-DIMETHYL-3-(3-PYRIDYL)- see: UC6555000

BA6330000 ALLYLAMINE, N,N-DIETHYL-1-METHYL-3,3-DI-2-THIENYL-, HYDROCHLORIDE
UPDT:8403 CAS: 132-19-4 MW: 327.96 MOLFM: C16-H21-N-S2 Cl-H
SYN: 3-BUTEN-2-AMINE, N,N-DIETHYL-4,4-DI-2-THIENYL-, HYDROCHLORIDE (9CI) * 191C49 HYDROCHLORIDE * DIETHIBUTIN HYDROCHLORIDE * 3-DIETHYLAMINO-1,1-DI(2'-THIENYL)BUT-1-ENE HYDROCHLORIDE * N,N-DIETHYL-1-METHYL-3,3-DI-2-THIENYLALLYLAMINE HYDROCHLORIDE * DIETHYLTHIAMBUTENE HYDROCHLORIDE * NIH-4185 HYDROCHLORIDE * THEMALON HYDROCHLORIDE * THIAMBUTENE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:204 mg/kg MEIEDD 10,1330,83
* scu-mus LD50:101 mg/kg MEIEDD 10,1330,83

ALLYLAMINE (DOT) see: BA5425000

BA7000000 ALLYLAMINE, N-METHYL-N-NITROSO-
UPDT:8401 CAS: 4549-43-3 MW: 100.14 MOLFM: C4-H8-N2-O
SYN: METHYLALLYLNITROSAMIN (German) * METHYLALLYLNITROSAMINE * N-METHYL-N-NITROSOALLYLAMINE * N-NITROSOALLYLMETHYLAMINE * NITROSOMETHYLALLYLAMINE * N-NITROSOMETHYLALLYLAMINE * 2-PROPEN-1-AMINE, N-METHYL-N-NITROSO- (9CI)

MUTATION DATA AND REFERENCES:
mmo-sat 40 umol/L ENMUDM 3,11,81
mmo-esc 40 umol/L ENMUDM 3,11,81
dns-rat:lvr 500 umol/L ENMUDM 3,11,81

TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:800 mg/kg/76W-C ARZNAD 19,1077,69
3V03D09M61 ivn-rat TDLo:380 mg/kg/38W-I ZEKBAI 69,103,67

TOXICITY DATA AND REFERENCES:
orl-rat LD50:340 mg/kg ZEKBAI 69,103,67
ivn-rat LD50:320 mg/kg ZEKBAI 69,103,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BA7005000 ALLYLAMINE, 3,3'-(p-PHENYLENE)DI-
UPDT:8305 MW: 188.30 MOLFM: C12-H16-N2
SYN: 3,3'-(p-PHENYLENE)DIALLYLAMINE * TEREPHTHALIDENEDIETHYLENEDIAMINE

MUTATION DATA AND REFERENCES:
mmo-bcs 10 mmol/L FAVUAI 6,118,74

BA7010000 ALLYLAMINE, TELOMER with CARBON TETRACHLORIDE
UPDT:8307 MW: 1295.67 MOLFM: C-Cl4 2DC3-H7-N

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:400 mg/kg EJMCA5 14,119,79

BA7350000 ALLYLAMINE, 2,3,3-TRIS(p-METHOXYPHENYL)-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8404 CAS: 568-69-4 MW: 440.02 MOLFM: C26-H29-N-O3 Cl-H
SYN: AMINOOXYTRIPHENE HYDROCHLORIDE * AMOTRIPHENE HYDROCHLORIDE * BENZENEETHANAMINE, 4-METHOXY-alpha-[BIS(4-METHOXYPHENYL)METHYLENE]-N,N-DIMETHYL-, HCl (9CI) * 3-DIMETHYLAMINO-1,1,2-TRIS(4-METHOXYPHENYL)-1-PROPENE HYDROCHLORIDE * MYORDIL

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:385 mg/kg MEIEDD 10,83,83
* ivn-mus LD50:30 mg/kg MEIEDD 10,83,83

1-ALLYL-6-AMINO-3-ETHYL-2,4(1H,3H)-PYRIMIDINEDIONE see: YQ8665000
1-ALLYL-6-AMINO-3-ETHYLURACIL see: YQ8665000
N-((ALLYLAMINO)IMINOMETHYL)-N'-(2,6-DIETHYLPHENYL)UREA HYDROCHLORIDE see: YR7877000
N-((ALLYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YR7877500
m-(((ALLYLAMINO)MERCAPTOMETHYL)AMINO)BENZOIC ACID S-COPPER deriv. SODIUM SALT see: DG0970000
3-(ALLYLAMINO)-1,2-PROPANEDIOL see: TY2280000
p-ALLYLANISOLE see: BZ8225000
2-ALLYL-2-AZASPIRO(4.5)DECANE-1,3-DIONE see: CL9908000
2-ALLYL-2-AZASPIRO(4.4)NONANE HYDROCHLORIDE see: CM0167000

BEST COPY AVAILABLE

2-ALLYL-2-AZASPIRO(4.6)UNDECANE-1,3-DIONE see: CM0232000
3-ALLYL-3-AZASPIRO(5.5)UNDECANE-2,4-DIONE see: CM0232100
ALLYLBENZENE see: CY2275000
5-ALLYL-1,3-BENZODIOXOLE see: CY2800000
3-ALLYL-2-BENZOXAZOLINONE see: DM4917000
N-ALLYLBENZOXAZOLONE see: DM4917000
5-ALLYL-2-(BENZYLAMINO)-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9002700
2-ALLYL-2-BENZYL-N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)MALONAMIDE DIHYDROCHLORIDE see: ON9130000
2-ALLYL-N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-ETHYLMALONAMIDE DIHYDROCHLORIDE see: ON9130200
2-ALLYL-N,N'-BIS-(4-AMINO-2-METHYL-6-QUINOLYL)-2-METHYLMALONAMIDE DIHYDROCHLORIDE see: ON9130400
2-ALLYL-N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-PROPYLMALONAMIDE DIHYDROCHLORIDE see: ON9130600
2-ALLYL-N,N'-BIS-(4-AMINO-2-METHYL-6-QUINOLYL)-2-(2-THENYL)MALONAMIDE DIHYDROCHLORIDE see: ON9130800
ALLYL BROMIDE see: UC7090000
ALLYL BROMIDE (DOT) see: UC7090000
3-ALLYL-6-BROMO-5-CHLORO-2-BENZOXAZOLINONE see: DM4919000
ALLYL BUTANOATE see: ES5775000
5-ALLYL-5-sec-BUTYLBARBITURIC ACID see: CP8225000
O-ALLYL BUTYLPHENYLPHOSPHINATE see: SZ4550000
O-ALLYL(P-BUTYL-P-PHENYL)PHOSPHINATE see: SZ4550000
ALLYL BUTYRATE see: ES5775000
ALLYL CAPROATE see: MO6125000
ALLYL CAPRYLATE see: RH0365000
ALLYL CARBAMATE see: EY8512000
ALLYLCARBAMIDE see: YR7875000
2-((ALLYLCARBAMOYL)METHYL)-2-(HYDROXYMETHOXY)SUCCINIC ACID gamma-LACTONE see: WM4950000
ALLYLCATECHOL METHYLENE ETHER see: CY2800000
ALLYLCHLORID (German) see: UC7350000
ALLYL CHLORIDE see: UC7350000
ALLYL CHLORIDE (DOT) see: UC7350000
ALLYL CHLOROCARBONATE see: LQ5775000
ALLYL CHLOROCARBONATE (DOT) see: LQ5775000
ALLYL CHLOROFORMATE see: LQ5775000
ALLYL CHLOROFORMATE (DOT) see: LQ5775000
ALLYL(3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYLAMMONIUM CHLORIDE see: BO3725000
ALLYL CINERIN see: GZ1925000
ALLYL CINNAMATE see: GD8050000
3-(1-(3-ALLYL-5-CUPROPSEUDOTHIOUREIDO)BENZOIC ACID SODIUM SALT see: DG0970000
ALLYL CYANIDE see: EM8050000
6-ALLYL-alpha-CYANOERGOLINE-8-PROPIONAMIDE see: KE6345020
ALLYL CYCLOHEXANEACETATE see: GU6495000
ALLYL CYCLOHEXANEPROPIONATE see: GV6735000
5-ALLYL-5-(2-CYCLOHEXEN-1-YL)-2-THIOBARBITURIC ACID see: CP8400000
ALLYL CYCLOHEXYLACETATE see: GU6495000
1-(1-ALLYLCYCLOHEXYL)-1-METHYLPYRROLIDINIUM IODIDE see: UY2647000
(ALLYL-1 CYCLOHEXYL)-N PIPERIDINE (French) see: TM4050000
1-(1-ALLYLCYCLOHEXYL)PIPERIDINE see: TM4050000
3-ALLYLCYCLOHEXYL PROPIONATE see: GV6735000
(ALLYL-1 CYCLOHEXYL)-N PYRROLIDINE (French) see: UX9687500
1-(1-ALLYLCYCLOHEXYL)PYRROLIDINE see: UX9687500
N-ALLYL-7,8-DEHYDRO-4,5-EPOXY-3,6-DIHYDROXYMORPHINAN see: QC7700000
17-alpha-ALLYL-3-DEOXY-19-NORTESTOSTERONE see: KG7960000
N-ALLYL-N-DESMETHYLMORPHINE see: QC7700000
L-ALLYL-(6-DIAZO-5-OXO)-L-NORLEUCYL-(6-DIAZO-5-OXO)-L-NORLEUCINE see: AY7937000
L-ALLYL-(6-DIAZO-5-OXO)-L-NORLEUCYL-(6-DIAZO-5-OXO)-L-NORLEUCINE MONOHYDRATE see: AY7940000
ALLYLDICHLOROARSINE see: CG6825000
ALLYL DIGLYCOL CARBONATE see: FF8500000
ALLYL DIGLYCOL CARBONATE see: FG2080000
6-ALLYL-6,7-DIHYDRO-5H-DIBENZ(c,e)AZEPINE PHOSPHATE see: HN7525000
I-N-ALLYL-7,8-DIHYDRO-14-HYDROXYNORMORPHINONE see: QD2260000
N-ALLYL-2,12-DIHYDROXY-1,11-EPOXYMORPHINENE-13 HYDROCHLORIDE see: QC7710000
1-ALLYL-3,4-DIMETHOXYBENZENE see: CY2450000
4-ALLYL-1,2-DIMETHOXYBENZENE see: CY2450000
8-ALLYL-1,7-DIMETHYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE see: NJ5095600
ALLYLDIOXYBENZENE METHYLENE ETHER see: CY2800000
4-ALLYL-1,2-DIPHENYL-3,5-DIOXOPYRAZOLIDINE see: UQ8151000
4-ALLYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8151000
ALLYLE (CHLORURE D') (French) see: UC7350000
ALLYL ENANTHATE see: MJ1750000
ALLYLENE see: UK4250000
sym-ALLYLENE see: BA0400000
17-ALLYL-4,5-alpha-EPOXY-3,14-DIHYDROXYMORPHINAN-6-ONE see: QD2260000
17-ALLYL-4,5-alpha-EPOXY-3,14-DIHYDROXYMORPHINAN-6-ONE HYDROCHLORIDE see: QD2275000
5-ALLYL-5-(2,3-EPOXYPROPYL)BARBITURIC ACID see: CP8412700
ALLYL 2,3-EPOXYPROPYL ETHER see: RR0875000
ALLYL-9,10-EPOXYSTEARATE see: WI3325000
ALLYLESTRENOL see: KG7960000
17-ALLYLESTR-4-EN-17-beta-OL see: KG7960000
17-alpha-ALLYLESTR-4-EN-17-beta-OL see: KG7960000
17-alpha-ALLYL-4-ESTREN-17-beta-OL see: KG7960000
ALLYLETHER see: KN7525000
ALLYL ETHER of PROPYLENE GLYCOL see: UA4900000
1-ALLYL-3-ETHYL-6-AMINOTETRAHYDROPYRIMIDINEDIONE see: YQ8665000
1-ALLYL-3-ETHYL-6-AMINO-1,2,3,4-TETRAHYDRO-2,4-PYRIMIDINEDIONE see: YQ8665000
ALLYL ETHYL ETHER (DOT) see: KM9120000
ALLYL FORMATE see: LQ9800000
ALLYL FORMATE (DOT) see: LQ9800000
5-ALLYL-2-(FURFURYLAMINO)-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9008000
alpha-ALLYL GLYCEROL ETHER see: TY2700000
ALLYLGLYCIDAETHER (German) see: RR0875000
ALLYL GLYCIDYL ETHER see: RR0875000
ALLYL GLYCIDYL ETHER (DOT) see: RR0875000
4-ALLYLGUAIACOL see: SJ4375000
ALLYL HEPTANOATE see: MJ1750000
ALLYL HEPTOATE see: MJ1750000
ALLYL HEPTYLATE see: MJ1750000
ALLYL HEXAHYDROPHENYLPROPIONATE see: GV6735000
ALLYL HEXANOATE see: MO6125000
ALLYL HOMOLOG of CINERIN I see: GZ1925000
ALLYL HONOLOG of CINERIN I see: GZ1950000
ALLYLHYDRAZINE HYDROCHLORIDE see: MU7880000
5-ALLYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID see: CP8495000 BARBITURIC ACID, 5-ALLYL-1-(4HYDROXYCYCLOHEXYL)-
6-ALLYL-3-HYDROXY-p-CYMENE-2-CARBOXYLIC ACID see: GZ5980000
17-alpha-ALLYL-17-beta-HYDROXY-delta(sup 4)-ESTREN see: KG7960000
17-alpha-ALLYL-17-beta-HYDROXY-4-ESTRENE see: KG7960000
17-alpha-ALLYL-17-HYDROXYESTR-4-EN-3-ONE see: KG7960400
17-alpha-ALLYL-17-beta-HYDROXYESTR-4-EN-3-ONE see: KG7960400
17-alpha-ALLYL-17-beta-HYDROXYESTR-4-EN-3-ONE see: KG7960500
17-alpha-ALLYL-17-beta-HYDROXYESTR-4-EN-3-ONE see: KG7961900
5-ALLYL-2-HYDROXY-3-ISOPROPYL-6-METHYLBENZOIC ACID see: GZ5980000
4-ALLYL-1-HYDROXY-2-METHOXYBENZENE see: SJ4375000
d,l-2-ALLYL-4-HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE-d,l-CHRYSANTHEMUM MONOCARBOXYLATE see: GZ1925000
N-ALLYL-3-HYDROXYMORPHINAN see: QD0350000
17-alpha-ALLYLHYDROXY-19-NOR-4-ANDROSTENE see: KG7960000
I-N-ALLYL-14-HYDROXYNORDIHYDROMORPHINONE see: QD2260000
I-N-ALLYL-14-HYDROXYNORDIHYDROMORPHINONE HYDROCHLORIDE see: QD2275000
ALLYLHYDROXYPHENYLARSINE OXIDE see: CH7200000
5-ALLYL-5-(2-HYDROXYPROPYL)BARBITURIC ACID see: CP8575000
ALLYLHYDROXYPROPYLHOMOPHTHALIMIDE see: NX0510000
4-ALLYL-4-(2-HYDROXYPROPYL)-1,3(2H,4H)-ISOQUINOLINEDIONE see: NX0510000
5-ALLYL-5-(beta-HYDROXYPRO°YL)MALONYLUREA see: CP8575000
ALLYLIC ALCOHOL see: BA5075000
ALLYLIDENE ACETATE see: UC9625000
9-ALLYLIDENEAMINOACRIDINE see: AR7195000
ALLYLIDENE DIACETATE see: UC9625000
ALLYL IODIDE see: UD0450000
ALLYL IODIDE (DOT) see: UD0450000
ALLYL alpha-IONONE see: MI5550000
ALLYLISOPROPYLACETYLCARBAMIDE see: YT5775000
ALLYLISOPROPYLACETYLUREA see: YT5775000
5-ALLYL-5-ISOPROPYLBARBITURATE see: CP8925000
ALLYLISOPROPYLBARBITURIC ACID see: CP8925000
5-ALLYL-5-ISOPROPYLBARBITURIC ACID see: CP8925000
ALLYLISOPROPYLMALONYLUREA see: CP8925000
ALLYL ISOSULFOCYANATE see: NX8225000
ALLYL ISOTHIOCYANATE see: NX8225000
ALLYL ISOTHIOCYANATE, stabilized (DOT) see: NX8225000
ALLYL ISOVALERATE see: NY1412000
3-ALLYL-4-KETO-2-METHYLCYCLOPENTENYL CHRYSANTHEMUMMONOCARBOXYLATE see: GZ1925000
m-((N-ALLYL-1-MERCAPTOFORMIMIDOYL)AMINO)BENZOIC ACID COPPER deri. SODIUM SALT see: DG0970000
N-ALLYLMESCALINE HYDROCHLORIDE see: SG9295000
ALLYL METHACRYLATE see: UD348300C
ALLYL METHANESULFONATE see: PB1225000
4-ALLYL-1-METHOXYBENZENE see: BZ8225000
5-ALLYL-1-METHOXY-2,3-(METHYLENEDIOXY)BENZENE see: CY2625000
4-ALLYL-2-METHOXYPHENOL see: SJ4375000
4-ALLYL-2-METHOXYPHENOL ACETATE see: SJ4550000
4-ALLYL-2-METHOXYPHENOL FORMATE see: SJ4551000
2-(4-ALLYL-2-METHOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-2-METHYL-PROPIONAMIDE see: UE3000000
2-(4-ALLYL-2-METHOXYPHENOXY)-N-(3-(DIETHYLAMINO)PROPYL)-2-METHYL-PROPIONAMIDE see: UE3010000
2-(4-ALLYL-2-METHOXYPHENOXY)-N-(2-(DIMETHYLAMINO)ETHYL)-2-METHYL-PROPIONAMIDE see: UE3020000
2-(4-ALLYL-2-METHOXYPHENOXY)-N-(3-(DIMETHYLAMINO)PROPYL)-2-METHYL-PROPIONAMIDE see: UE3023000
2-(4-ALLYL-2-METHOXYPHENOXY)-2-METHYL-PROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HCl see: UE6118000
4-ALLYL-2-METHOXYPHENYL ACETATE see: SJ4550000
4-ALLYL-2-METHOXYPHENYL PHENYLACETATE see: AJ2465000
2-ALLYL-2-METHYL-2-AZONIASPIRO(4.4)NONANE IODIDE see: CO1748950
5-ALLYL-5-(1-METHYLBUTYL)BARBITURIC ACID see: CP9450000
(+)-5-ALLYL-5-(1-METHYLBUTYL)-BARBITURIC ACID see: CP9450100
R(+)-5-ALLYL-5-(1-METHYLBUTYL)-BARBITURIC ACID see: CP9450200
S(-)-5-ALLYL-5-(1-METHYLBUTYL)-BARBITURIC ACID see: CP9450300
5-ALLYL-5(1-METHYLBUTYL)BARBITURIC ACID SODIUM DERIVATIVE see: CP9800000
5-ALLYL-5-(1-METHYLBUTYL)BARBITURIC ACID SODIUM SALT see: CP9800000
5-ALLYL-5-(1-METHYLBUTYL)MALONYLUREA see: CP9450000
5-ALLYL-5-(1-METHYLBUTYL)MALONYLUREA SODIUM SALT see: CP9800000
1-ALLYL-3,4-METHYLENEDIOXYBENZENE see: CY2800000
4-ALLYL-1,2-METHYLENEDIOXYBENZENE see: CY2800000
3-ALLYL-2-METHYL-4-OXO-2-CYCLOPENTEN-1-YL CHRYSANTHEMATE see: GZ1925000
dl-3-ALLYL-2-METHYL-4-OXOCYCLOPENT-2-ENYL dl-cis trans CHRYSANTHEMATE see: GZ1925000
(+-)-3-ALLYL-2-METHYL-4-OXO-2-CYCLOPENTENYL 2,2,3,3-TETRAMETHYLCYCLOPROPANECARBOXYLATE see: GZ2093000
3-ALLYL-5-METHYL-3-PHENYLDIHYDRO-2(3H)-FURANONE see: LU3520500
2-ALLYL-7-METHYL-9-PHENYL-8-OXA-2-AZASPIRO(4.5)DECANE-1,3-DIONE see: RN7060220
dl-3-ALLYL-1-METHYL-4-PHENYL-4-PIPERIDINOL PROPIONATE HYDROCHLORIDE see: TN6829750
5-ALLYL-5-(1-METHYLPROPYL) BARBITURIC ACID see: CP8225000
p-(3-ALLYL-3-METHYL-1-TRIAZENO)BENZAMIDE see: CU8765000
ALLYL MONOSULFIDE see: BC4900000
ALLYLMORPHINE HYDROCHLORIDE see: QC7710000
ALLYL MUSTARD OIL see: NX8225000
1-ALLYL-2-NITROIMIDAZOLE see: NI3432000
4-(ALLYLNITROSAMINO)-1-BUTANOL see: EK9300000
4-(ALLYLNITROSOAMINO)BUTRIC ACID see: ES5820000
N-ALLYL-N-NITROSO-3-BUTENYLAMINE see: EN0703000
1-ALLYL-1-NITROSOUREA see: YR7940000
6-ALLYL-MORAPORPHINE-10,11-DIOL DIMER HYDROCHLORIDE see: RB3917500
N-ALLYLNORMORPHINE see: QC7700000
N-ALLYLNORMORPHINE HYDROCHLORIDE see: QC7710000
17-ALLYL-19-NORTESTOSTERONE see: KG7960500
17-alpha-ALLYL-19-NORTESTOSTERONE see: KG7960500
ALLYL OCTANOATE see: RH0365000
17-alpha-ALLYL-4-OESTRENE-17-beta-OL see: KG7960000
ALLYLOESTRENOL see: KG7960000
2-ALLYL-8-OXA-2-AZASPIRO(4.5)DECANE-1,3-DIONE see: RN7060210
2-(ALLYLOXY)-5-AMINO-N-BUTYLBENZAMIDE see: CU8783000
2-(ALLYLOXY)-5-AMINO-N-tert-BUTYLBENZAMIDE see: CU8783020
2-(ALLYLOXY)-5-AMINO-N-sec-BUTYLBENZAMIDE see: CU8783010
2-(1-ALLYLOXYAMINOBUTYLIDENE)-5,5-DIMETHYLMETHOXYCARBONYLCYCLOHEXANE-1,3-DIONE SODIUM SALT see: GU8390000
2-(ALLYLOXY)-5-AMINO-N-CYCLOHEXYLBENZAMIDE see: CU8784000
2-(ALLYLOXY)-5-AMINO-N-CYCLOPROPYLBENZAMIDE see: CU8784100
2-(ALLYLOXY)-5-AMINO-N,N-DIETHYLBENZAMIDE HYDROCHLORIDE see: CU8784200
2-(ALLYLOXY)-5-AMINO-N-ETHYLBENZAMIDE see: CU8784600

BEST COPY AVAILABLE

2-(ALLYLOXY)-5-AMINO-N-ISOBUTYLBENZAMIDE see: CU8787000
2-(ALLYLOXY)-5-AMINO-N-ISOPROPYLBENZAMIDE see: CU8787500
2-(ALLYLOXY)-5-AMINO-N-METHYLBENZAMIDE see: CU8788500
2-(ALLYLOXY)-5-AMINO-N-PENTYLBENZAMIDE see: CU8789000
2-(ALLYLOXY)-5-AMINO-N-PROPYLBENZAMIDE see: CU8789500
2-(ALLYLOXY)-5-AMINO-N-PROPYL-m-TOLUAMIDE HYDROCHLORIDE see: XS3590900
m-(ALLYLOXY)-N-(BIS(1-AZIRIDINYL)PHOSPHINYL)BENZAMIDE see: CU8790000
p-(ALLYLOXY)-N-(BIS(1-AZIRIDINYL)PHOSPHINYL)BENZAMIDE see: CU8792000
2-ALLYLOXY-4-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)BENZAMIDE HYDROCHLORIDE see: CU8805000
2-(ALLYLOXY)-4-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)BENZAMIDE see: CU8800000
(4-ALLYLOXY-3-CHLOROPHENYL)ACETIC ACID see: AF2100000
3-(ALLYLOXY)-5,6-DIMETHYL-as-TRIAZINE see: XY2968000
1-ALLYLOXY-2,3-EPOXY-PROPAAN (Dutch) see: RR0875000
1-ALLYLOXY-2,3-EPOXYPROPAN (German) see: RR0875000
1-(ALLYLOXY)-2,3-EPOXYPROPANE see: RR0875000
p-(7-(ALLYLOXY)-11-ETHYLDIBENZO(b,f)THIEPIN-10-YL)PHENOL see: SJ4580000
p-(3-(ALLYLOXY)-11-ETHYL-6H-DIBENZO(b,f)THIOCIN-12-YL)PHENOL HEMIHYDRATE see: SJ4581000
p-(7-(ALLYLOXY)-11-ETHYLDIBENZ(b,f)OXEPIN-10-YL)PHENOL see: SJ4582000
p-(2-(ALLYLOXY)-6-ETHYL-11,12-DIHYDRODIBENZO(a,e)CYCLOOCTEN-5-YL)PHENOL see: SJ4583000
3-(ALLYLOXY)-10-ETHYL-11-(4-HYDROXYPHENYL)DIBENZO(b,f)OXEPIN see: SJ4582000
3-(ALLYLOXY)-10-ETHYL-11-PHENYLDIBENZ(b,f,)OXEPINE see: HQ4140000
3-(ALLYLOXY)-10-ETHYL-11-PHENYLDIBENZO(b,f)THIEPIN see: HQ2530000
3-(ALLYLOXY)-11-ETHYL-12-PHENYL-6H-DIBENZO(b,f)THIOCIN see: HQ3480000
3-(ALLYLOXY)-11-ETHYL-12-PHENYL-5,6-DIHYDRODIBENZO(a,e)CYCLOOCTENE see: HP1585000
5-(m-ALLYLOXYPHENYL)-3-(o-ETHYLPHENYL)-s-TRIAZOLE MONOHYDROCHLORIDE see: XZ3845000
5-(o-(ALLYLOXY)PHENYL)-3-(o-TOLYL)-s-TRIAZOLE see: XZ3846000
3-(ALLYLOXY)-8-(2-HYDROXYETHYL)-1-METHYL-7-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE see: NJ5095700
2-(ALLYLOXYMETHYL)-8-(2,6-DIAMINO-4-PYRIMIDINYL)-1,4-DIOXA-8-AZASPIRO(4.5)DECANE 1'-OXIDE see: JG6717000
alpha-((ALLYLOXY)METHYL)-2-NITROIMIDAZOLE-1-ETHANOL see: NI5431900
2-(o-ALLYLOXYPHENOXY)-2-HYDROXY-N-ISOPROPYL-1-PROPYLAMINE HYDROCHLORIDE see: UA5277000
1-(o-(ALLYLOXY)PHENOXY)-3-(ISOPROPYLAMINO)-2-PROPANOL see: UA5270000
1-(o-ALLYLOXYPHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE see: UA5277000
2-(m-(ALLYLOXY)PHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3010000
2-(3-ALLYLOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3010000
3-(ALLYLOXY)-5-PHENYL-as-TRIAZINE see: XY2968500
3-ALLYLOXY-1,2-PROPANEDIOL see: TY2700000
3-ALLYLOXYPROPIONITRILE see: UG0175000
2-ALLYLPHENOL see: SJ3850000
ALLYL PHENOXYACETATE see: AJ2240000
1-(o-ALLYLPHENOXY)-3-(ISOPROPYLAMINO)-2-PROPANOL see: UA5350000
1-(o-ALLYLPHENOXY)-3-(ISOPROPYLAMINO)-2-PROPANOL HYDROCHLORIDE see: UA5425000
ALLYL PHENYLACETATE see: AJ2450000
ALLYL 3-PHENYLACRYLATE see: GD8050000
ALLYL PHENYL ARSINIC ACID see: CH7200000
2-ALLYL-2-PHENYL-4-PENTENAMIDE see: SB2127000
alpha-ALLYL-alpha-PHENYL-gamma-VALEROLACTONE (French) see: LU3520500
ALLYLPRODINE HYDROCHLORIDE see: TN6829750
ALLYL PROPYL DISULFIDE see: JO0350000
ALLYLPROPYMAL see: CP8925000
m-ALLYLPYROCATECHIN METHYLENE ETHER see: CY2800000
4-ALLYLPYROCATECHOL FORMALDEHYDE ACETAL see: CY2800000
ALLYLPYROCATECHOL METHYLENE ETHER see: CY2800000
4-(3-ALLYLSALICYLIDENE)-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8152000
ALLYLSEMEVOL see: NX8225000
ALLYLSENFOEL (German) see: NX8225000

BC4900000 ALLYL SULFIDE
UPDT:8403 CAS: 592-88-1 MW: 114.22 MOLFM: C6-H10-S
SYN: ALLYL MONOSULFIDE * DIALLYL MONOSULFIDE * DIALLYL SULFIDE * DIALLYL THIOETHER * OIL GARLIC * 1-PROPENE, 3,3'-THIOBIS- (9CI) * THIOALLYL ETHER * 3,3'-THIOBIS(1-PROPENE)
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:512 mg/kg CBCCT* 1,43,49
ivn-rbt LDLo:330 mg/kg BIJOAK 4,107,09
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

3-ALLYLSYDNONE see: WU7660000
12-ALLYL-7,7a,8,9-TETRAHYDRO-3,7a-DIHYDROXY-4aH-8,9c-IMINOETHANOPHENANTHRO(4,5-bcd)FURANONE see: QD2260000
3-(ALLYL-(TETRAHYDRONAPHTHYL)AMINO)-N,N-DIETHYL-PROPIONAMIDE see: UE3025000
7-ALLYL-2-THIA-7 AZASPIRO(4.4)NONANE-6,8-DIONE see: XI0670000
ALLYLTHIOCARBAMIDE see: YR8050000
ALLYLTHIOSULPHINIC ACID ALLYL ESTER see: UD1900000
ALLYLTHIOUREA see: YR8050000
N-ALLYLTHIOUREA see: YR8050000
1-ALLYLTHIOUREA see: YR8050000
1-ALLYL-2-THIOUREA see: YR8050000
ALLYL TRICHLORIDE see: TZ9275000
ALLYL TRICHLOROSILANE see: VV1530000
ALLYL TRICHLOROSILANE (DOT) see: VV1530000
ALLYL TRICHLOROSILANE, stabilized (DOT) see: VV1530000
N-ALLYL-3,4,5-TRIMETHOXYPHENETHYLAMINE HYDROCHLORIDE see: SG9295000
ALLYL TRIMETHYLHEXANOATE see: MO8444000
ALLYL 3,5,5-TRIMETHYLHEXANOATE see: MO8444000
ALLYLTRIPHENYLTIN see: WH6705000

BC6168000 ALLYL TRISULFIDE
UPDT:8308 CAS: 2050-87-5 MW: 178.34 MOLFM: C6-H10-S3
SYN: DIALLYL TRISULFIDE * TRISULFIDE DI-2-PROPENYL (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg DCTODJ 3,249,80

ALLYLUREA see: YR7875000
4-ALLYLVERATROLE see: CY2450000
ALLYPROPYMAL see: CP8925000
ALLYXYCARB see: FB8400000

BC6790000 ALMANDIN
DEF: Isolated from ALAMANDA VIOLACEA (85GDA2 8(2),389,82)
UPDT:8308
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:10 mg/kg 85GDA2 8(2),389,82

ALMAZINE see: DF0350000
ALMEDERM see: SM0700000
ALMEFRIN see: DO7525000
ALMEFROL see: DJ2900000
ALMITE see: BD1200000
ALMOCARPINE see: TK1450000
ALMOCARPINE see: TK1400000
ALMOND ARTIFICIAL ESSENTIAL OIL see: CU4375000
ALMOND OIL BITTER see: RI6649000
ALMOND OIL BITTER FFPA see: RI6660000
AL-MORIN see: LK8749000
ALNOVIN see: DG8576200
ALNOX see: CQ3325000
ALNOXIN see: VC3543500

BC7600000 ALNUS NEPALENSIS D. Don., stem bark extract
DEF: Indian plant belonging to the family BETULACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: UDIS STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
1N22 ipr-mus LD50:175 mg/kg IJEBA6 6,232,68

BC7610000 ALNUS NITIDA Endl., stem bark extract
DEF: Indian plant belonging to the family BETULACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: PIYAK STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 11,43,73

ALOBARBITAL see: CQ3325000
ALOCAINE see: DG2275000

BC7880000 ALOCASIA INDICA (Roxb.) Schott., rhizome extract
DEF: Indian plant belonging to the family ARACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

ALOCHLOR see: AE1225000
ALODAN (GEROT) see: NS5950000

BC8058000 ALOE BARBADENSIS Mill., extract
DEF: Indian plant belonging to the family LILIACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: CHIRUKATTALI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD:250 mg/kg IJEBA6 6,232,68

ALOE-EMODIN see: CB6712200
ALOGINAN see: UY0704600
ALOIN see: LZ6520000
ALON see: BD1200000
ALON C see: BD1200000
ALOPERIDIN see: EU1575000
ALOPERIDOLO see: EU1575000
ALOPERIDON see: EU1575000
ALOPEX see: UE9520000

BC8190000 ALOSENN
UPDT:8411
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:5500 mg/kg (7-17D preg) KSRNAM 15,36,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ALOSITOL see: UR0785000
ALOTEC see: DO2275000
ALOXITE see: BD1200000
A 1588LP see: CC3650000
ALPEN see: XH8350000
ALPEN-N see: XH8400000
ALPERIDINE HYDROCHLORIDE see: TN6829750
ALPEROX C see: OF2625000

BC8420000 ALPHA-1081
DEF: Salt of CHOLESTYRAMIDE and PROCETOFENIC ACID with a weight ratio of 45:1(DRFUD4 7,229,82)
UPDT:8311
SYN: ALFA-1081
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2000 mg/kg DRFUD4 7,229,82

ALPHABROCINE see: GD6480000
ALPHA CHYMAR see: GC3050000
ALPHA-CHYMAR OPHTH see: GC3050000
ALPHACILINA see: XH8450000
ALPHACILLIN see: XH8450000
ALPHACROIC ORANGE R see: VO5310000
ALPHADIONE see: TU4157230
ALPHADOLONE see: TU4157175
ALPHALIN see: VH6750000
ALPHA MEDOPA see: AY5950000
ALPHAMIN see: UY0704600
ALPHANAPHTHYL THIOUREA see: YT9275000
ALPHAPRODINE see: TN7000000
ALPHAPRODINE HYDROCHLORIDE see: TN7095000
ALPHASOL OT see: WN0525000
ALPHASONE ACETOPHENIDE see: TU5011700
ALPHASPRA see: QJ0875000
ALPHASTEROL see: VH6750000
ALPHAXALONE see: TU4157190
ALPHAZOLE see: WO9100000
ALPHAZURINE see: BQ4550000
ALPHAZURINE FG see: BQ4550000
ALPHAZURINE FGND see: BQ4550000
ALPHAZURINE 2G see: BP6830000
ALPHAZURINE (INDICATOR) see: BQ4550000
ALPHENAL EPOXIDE see: CQ4377000
ALPHEX FIT 221 see: TQ3325000

BC9458000 ALPHONSEA SCLEROCARPA Thw., extract excluding roots
DEF: Indian plant belonging to the family ANONACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: NEDUNAR EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:280 mg/kg IJEBA6 12,512,74

AL-PHOS see: BD1400000
ALPHOZONE see: UF2031000
ALPINE TALC USP, BC 127 see: WW2710000
ALPINE TALC USP, BC 141 see: WW2710000
ALPINE TALC USP, BC 662 see: WW2710000
ALPINIA GALANGA OIL see: BC9486900

BC9486900 ALPINIA GALANGA Willd., oil extract
DEF: Oil extracted from Indian perennial herb belonging to the family ZINGIBERACEAE andcontaining 48%: METHYL CINNAMATE, 20 to 30% CINEOL and small quantities of CAMPHOR andα-PINENE (ANTCAO 7,378,57)
UPDT:8308
SYN: ALPINIA GALANGA OIL * ESSENTIAL OIL of ALPINIA GALANGA Willd. * OIL of ALPINIA GALANGA Willd.
TOXICITY DATA AND REFERENCES:
3F12F22J26 ipr-gpg LD50:670 mg/kg ANTCAO 7,378,57

BC9487000 ALPINIA GALANGA Willd., rhizome extract
DEF: Indian plant belonging to the family ZINGIBERACEAE (IJEBA6 7,250,69)
UPDT:8408

BEST COPY AVAILABLE

SYN: BARAKULANJAN RHIZOME EXTRACT * KULANJAN, rhizome extract
TOXICITY DATA AND REFFRENCES:
2H30M10 ipr-mus LD50:188 mg/kg IJEBA6 15,208,77
BC9487500 ALPINIA OFFICINARUM Hance, flavonoid extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:140 mg/kg IJEBA6 14,712,76
* ims-mus LD50:300 mg/kg IJEBA6 14,712,76
ALPINYL see: AE4200000
ALPRENOL HYDROCHLORIDE see: UA5425000
ALPRENOLOL see: UA5350000
ALPRENOLOL HYDROCHLORIDE see: UA5425000
ALPROSTADIL see: GY4569800
ALPROSTADIL alpha-CYCLODEXTRIN CLATHRATE see: UK8419000
ALQOVERIN see: UQ8225000
ALRATO see: YT9275000
ALRESTATIN see: DE4080500
ALRHEUMAT see: UE7570000
ALRHEUMUN see: UE7570000
AL-S-1249 see: TK6020200
ALSERIN see: ZG0350000
ALSI SEED EXTRACT (Indian) see: OI9720000
BC9575000 ALSOPHILA AUSTRALIS R.Br., extract excluding roots
DEF:Indian plant belonging to the family CYATHEACEAE (IJEBA6 12,512,74)
UPDT:8303
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:500 mg/kg IJEBA6 12,512,74
ALTABACTINA see: RQ3620000
ALTAFUR see: RQ3620000
ALTAN see: CB6650000
ALTAX see: DL4550000
ALTCO SPERSE FAST YELLOW GFN NEW see: AC3662000
BC9608500 ALTERNANTHERA PARONYCHIOIDES St. Hil., extract
DEF:Indian plant belonging to the family AMARANTHACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 18,594,80
BC9609000 ALTERNANTHERA SESSILIS R.Br., extract
DEF:Indian plant belonging to the family AMARANTHACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71
ALTERNARIA ALTERNATA TOXIN see: XW5793000
ALTERNARIOL-9-METHYL ETHER see: HP8755000
ALTERNARIOL MONOMETHYL ETHER see: HP8755000
ALTERTON see: EK1050000
ALTEZOL see: WP0400000
ALTHESIN see: TU4157230
ALTHOSE HYDROCHLORIDE see: MJ6300000
ALTODEL see: JR1760000
ALTODOR see: DB6145000
ALTOLAT see: VC3543500
ALTOSIDE see: EI3690000
ALTOWHITES see: GF1670500
ALTOX see: IO2100000
ALTOZAR see: JR1700000
ALTRAD see: KG2975000
ALTULOR M 70 see: TR0400000
ALUDRINE see: DO1750000
ALUDROX SA see: BP0694200
ALU EXTRACT (Indian) see: PX9558000
ALUFIBRATE see: BD0348000
ALULINE see: UR0785000
ALUM see: BD1700000
ALUM see: WS5690000
ALUMIGEL see: BD0940000
ALUMINA see: BD1200000
alpha-ALUMINA see: BD1200000
beta-ALUMINA see: BD1600000
beta-ALUMINA see: BD1200000
beta''-ALUMINA see: BD1600000
gamma-ALUMINA see: BD1200000
ALUMINA FIBRE see: BD0330000
ALUMINA HYDRATE see: BD0940000
ALUMINA HYDRATED see: BD0940000
BD0050000 ALUMINATE(3-), HEXAFLUORO-, TRIAMMONIUM
UPDT:8403 CAS: 7784-19-2 MW: 195.13 MOLFM: Al-F6 .3H4-N
SYN: ALUMINATE(3-), HEXAFLUORO-, TRIAMMONIUM, (OC-6-11)- (9CI) * AMMONIUM ALUMINUM FLUORIDE * AMMONIUM CRYOLITE * AMMONIUM FLUOALUMINATE * AMMONIUM HEXAFLUOROALUMINATE * TRIAMMONIUM ALUMINUM HEXAFLUORIDE * TRIAMMONIUM HEXAFLUOROALUMINATE * TRIAMMONIUMHEXAFLUOROALUMINATE(3-)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#00136
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 DTLVS* 4,13,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINATE(3-), HEXAFLUORO-, TRIAMMONIUM, (OC-6-11)- (9CI) see: BD0050000
BD0100000 ALUMINATE (1-), TETRAHYDRO-, LITHIUM
UPDT:8404 CAS: 16853-85-3 MW: 37.96 MOLFM: Al-H4 Li
SYN: ALUMINATE(1-), TETRAHYDRO-, LITHIUM, (T-4)- (9CI) * ALUMINUM LITHIUM HYDRIDE * LITHIUM ALANATE * LITHIUM ALUMINOHYDRIDE * LITHIUM ALUMINUM HYDRIDE * LITHIUM ALUMINUM HYDRIDE (DOT) * LITHIUM ALUMINUM HYDRIDE, ethereal * LITHIUM ALUMINUM TETRAHYDRIDE * LITHIUM TETRAHYDROALUMINATE * LITHIUM TETRAHYDROALUMINATE(1-) * UN 1410 (DOT) * UN 1411 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID, ethereal CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINATE(1-), TETRAHYDRO-, LITHIUM, (T-4)- (9CI) see: BD0100000
BD0180000 ALUMINATE (1-), TETRAHYDRO-, SODIUM
UPDT:8404 CAS: 13770-96-2 MW: 54.01 MOLFM: Al-H4 Na
SYN: ALUMINATE(1-), TETRAHYDRO-, SODIUM (T-4)- (9CI) * ALUMINUM SODIUM HYDRIDE * SAM 22 * SODIUM ALUMINUM HYDRIDE * SODIUM ALUMINUM HYDRIDE (DOT) * SODIUM ALUMINUM TETRAHYDRIDE * SODIUM TETRAHYDROALUMINATE(1-) * UN 2835 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
ALUMINATE(1-), TETRAHYDRO-, SODIUM, (T-4)- (9CI) see: BD0180000
ALUMINA TRIHYDRATE see: BD0940000
alpha-ALUMINA TRIHYDRATE see: BD0940000
ALUMINIC ACID see: BD0940000
ALUMINITE 37 see: BD1200000
ALUMINIUM see: BD0330000
ALUMINUM ACID PHOSPHATE see: TB6450000
ALUMINIUM ALLOY, Al,Be see: DS2200000
ALUMINUM BRONZE see: BD0330000
ALUMINIUMCHLORID (German) see: BD0525000
ALUMINIUM CHLORHYDROXYALLANTOINATE see: BD0580000
ALUMINIUM CLOFIBRATE see: BD0348000
BD0213000 ALUMINIUM FERROSILICON
UPDT:8312
SYN: ALUMINIUM FERROSILICON, powder (DOT) * UN 1395 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET CFRGBR 49,172.102,83
ALUMINIUM FERROSILICON, powder (DOT) see: BD0213000
ALUMINIUM FLAKE see: BD0330000
ALUMINIUM FLUORURE (French) see: BD0725000
ALUMINIUM FOSFIDE (Dutch) see: BD1400000
ALUMINIUM HYDROXIDE see: BD0940000
ALUMINIUMNATRIUMLACTAT (German) see: BD1585000
ALUMINIUM OXIDE see: BD1200000
ALUMINIUM PHOSPHIDE see: BD1400000
ALUMINON see: GU4800000
ALUMINOPHOSPHORIC ACID see: TB6450000
ALUMINOSILCATE see: BD1450000
BD0330000 ALUMINUM
UPDT:8404 CAS: 7429-90-5 MW: 26.98 MOLFM: Al
SYN: A 00 * A 95 * A 99 * A 995 * A 999 * AA 1099 * AA1199 * AD 1 * AD1M * ADO * AE * ALAUN (German) * ALBRI ALUMINUM PASTE AND POWDER * ALUMINA FIBRE * ALUMINIUM * ALUMINIUM BRONZE * ALUMINUM FLAKE * ALUMINUM 27 * ALUMINUM A00 * ALUMINUM DEHYDRATED * ALUMINUM, METALLIC, POWDER (DOT) * ALUMINUM POWDER * ALUMINUM POWDER, coated (DOT) * ALUMINUM, POWDER, PYROPHORIC (DOT) * ALUMINUM, POWDER, UNCOATED, NON-PYROPHORIC (DOT) * AO A1 * AR2 * AV00 * AV000 * C.I. 77000 * EMANAY ATOMIZED ALUMINUM POWDER * JISC 3108 * JISC 3110 * L16 * METANA * METANA ALUMINUM PASTE * NORAL ALUMINUM * NORAL EXTRA FINE LINING GRADE * NORAL INK GRADE ALUMINUM * NORAL NON-LEAFING GRADE * PAP-1 * UN 1309 (DOT) * UN 1383 (DOT) * UN 1396 (DOT)
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FOREAE 7,313,42; PEXTAR 12,102,69; AMTODM 3,209,77
★ TLV-TWA 10 mg/m3 DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7013 and 7300
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM 27 see: BD0330000
ALUMINUM A00 see: BD0330000
ALUMINUM ACEGLUTAMIDE see: BD1280000
ALUMINUM ALLOY, Al,Be (9CI) see: DS2200000
ALUMINUM ALUM see: BD1700000
ALUMINUM BARIUM TITANATE see: BD0345000
BD0345000 ALUMINUM BARIUM TITANIUM OXIDE
UPDT:8408 CAS: 52869-91-7
SYN: ALUMINUM BARIUM TITANATE * BARIUM ALUMINUM TITANATE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:3200 mg/kg GTPZAB 26(9),10,82
2J13M10 ipr-mam LD50:3220 mg/kg GTPZAB 21(6),13,77
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg(Al)/m3 DTLVS* 4,13,80
ALUMINUM BERYLLIUM ALLOY see: DS2200000
BD0348000 ALUMINUM, BIS(2-(p-CHLOROPHENOXY)-2-METHYLPROPIONATO)HYDROXY-
UPDT:8406 CAS: 24818-79-9 MW: 471.29 MOLFM: C20-H21-Al-Cl2-O7
SYN: ALFIBRATE * ALUFIBRATE * ALUMINUM, BIS(2-(4-CHLOROPHENOXY)-2-METHYLPROPANOATO-O(sup 1),O(sup 2))HYDROXY- (9CI) * ALUMINIUM CLOFIBRATE * ATHEROLIP * BIS(2-(p-CHLOROPHENOXY)-2-METHYLPROPIONATO)HYDROXYALUMINUM * HYDROXYBIS(2-(p-CHLOROPHENOXY)ISOBUTYRIC ACID) ALUMINUM
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:3300 mg/kg JJPAAZ 23,281,73
* scu-rat LD50:5100 mg/kg NIIRDN 6,237,82
* ipr-mus LD50:3300 mg/kg NIIRDN 6,237,82
* scu-mus LD50:5850 mg/kg NIIRDN 6,237,82
ALUMINUM, BIS(2-(4-CHLOROPHENOXY)-2-METHYLPROPANOATO-O(sup 1),O(sup 2))HYDROXY- (9CI) see: BD0348000
ALUMINUM BOROHYDRIDE (DOT) see: ED3200000
BD0350000 ALUMINUM BROMIDE
UPDT:8312 CAS: 7727-15-3 MW: 266.71 MOLFM: Al-Br3
SYN: ALUMINUM BROMIDE (anhydrous) * ALUMINUM BROMIDE, ANHYDROUS (DOT) * ALUMINUM BROMIDE SOLUTION (DOT) * ALUMINUM TRIBROMIDE * TRIBROMOALUMINUM * UN 1725 (DOT) * UN 2580 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM BROMIDE (anhydrous) see: BD0350000
ALUMINUM BROMIDE, ANHYDROUS (DOT) see: BD0350000
BD0360000 ALUMINUM BROMIDE HYDROXIDE
UPDT:8004 CAS: 12794-92-2
SYN: AL BROMOHYDRATE * ALUMINUM BROMHYDROXIDE * ALUMINUM BROMOHYDROL * ALUMINUM HYDROXYBROMIDE
IRRITATION DATA AND REFERENCES:
skn-hmn 90 mg/3D-I MLD 85DKA8 -,127,77
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 DTLVS* 4,13,80
ALUMINUM BROMIDE SOLUTION (DOT) see: BD0350000
ALUMINUM BROMHYDROXIDE see: BD0360000

BEST COPY AVAILABLE

ALUMINUM BROMOHYDROL see: BD0360000

BD0390000 ALUMINUM CARBIDE
CAS: 12656-43-8
SYN: ALUMINUM CARBIDE (DOT) * UN 1394 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM CARBIDE (DOT) see: BD0390000
ALUMINUM CHLORHYDRATE see: BD0550000
ALUMINUM CHLORHYDROL see: BD0550000
ALUMINUM CHLORHYDROXIDE see: BD0550000

BD0525000 ALUMINUM CHLORIDE
UPDT:8408 CAS: 7446-70-0 MW: 133.33 MOLFM: Al-Cl3
SYN: ALLUMINIO(CLORURO DI) (Italian) * ALUMINIUMCHLORID (German) * ALUMINUM CHLORIDE (1:3) * ALUMINUM CHLORIDE, ANHYDROUS (DOT) * ALUMINUM CHLORIDE SOLUTION (DOT) * ALUMINUM TRICHLORIDE * CHLORURE D'ALUMINIUM (French) * PEARSALL * TRICHLOROALUMINUM * UN 1726 (DOT) * UN 2581 (DOT)
MUTATION DATA AND REFERENCES:
cyt-mus-ipr 100 mmol/L — NULSAK 15,180,72
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 ipr-rat TDLo:375 mg/kg (9-13D preg) — ANANAU 138,365,75
1T46 ipr-rat TDLo:500 mg/kg (14-18D preg) — ANANAU 138,365,75
1T81 orl-mus TDLo:425 mg/kg (MGN) — BJIMAG 23,305,66
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:770 mg/kg — TJADAB 9,A14,74
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172 102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ALUMINUM CHLORIDE (1:3) see: BD0525000
ALUMINUM CHLORIDE, ANHYDROUS (DOT) see: BD0525000

BD0530000 ALUMINUM CHLORIDE, HEXAHYDRATE
UPDT:8406 CAS: 7784-13-6 MW: 241.45 MOLFM: Al-Cl3 6H2-O
SYN: ALUMINUM(III) CHLORIDE, HEXAHYDRATE * ALUMINUM TRICHLORIDE HEXAHYDRATE
IRRITATION DATA AND REFERENCES:
skn-hmn 7500 ug/3D-I MLD — 85DKAB -,127,77
MUTATION DATA AND REFERENCES:
dnd-mam:lym 40 umol/L — JCHODP 7,411,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T59 ivn-mus TDLo:483 gm/kg (8D preg) — ENVRAL 33,47,84
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ALUMINUM(III) CHLORIDE, HEXAHYDRATE see: BD0530000

BD0550000 ALUMINUM CHLORIDE HYDROXIDE
UPDT:8305 CAS: 12042-91-0 MW: 174.46 MOLFM: Al2-Cl-H5-O5
SYN: ALUMINUM CHLORHYDRATE * ALUMINUM CHLORHYDROL * ALUMINUM CHLORHYDROXIDE * ALUMINUM CHLOROHYDROXIDE * ALUMINUM HYDROXIDE CHLORIDE * ALUMINUM HYDROXYCHLORIDE * ASTRINGEN * BASIC ALUMINUM CHLORATE * CHLORHYDROL * CHLORHYDROL GRANULAR * CHLORHYDROL IMPALPABLE * CHLOROHYDROL * CHLOROPENTAHYDROXYDIALUMINUM * LOCRON EXTRA * LOCRON FLAKES * LOCRON POWDER * LOCRON SOLUTION * MACROSPHERICAL 95 * MICRO DRY * WICKENOL 303 * WICKENOL 321 * WICKENOL 323 * WICKENOL 324
IRRITATION DATA AND REFERENCES:
skn-hmn 150 mg/3D-I MLD — 85DKAB -,127,77
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM CHLORIDE SOLUTION (DOT) see: BD0525000
ALUMINUM, CHLOROBIS(2-METHYLPROPYL)- (9CI) see: BD0560000

BD0558000 ALUMINUM, CHLORODIETHYL-
CAS: 96-10-6 MW: 120.57 MOLFM: C4-H10-Al-Cl
SYN: CHLORODIETHYLALUMINUM * DIETHYLALUMINIUM CHLORIDE (DOT) * DIETHYLALUMINUM CHLORIDE * DIETHYLALUMINUM MONOCHLORIDE * DIETHYLCHLOROALUMINUM * UN 1101 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BD0560000 ALUMINUM, CHLORODIISOBUTYL-
UPDT:8010 CAS: 1779-25-5 MW: 176.69 MOLFM: C8-H18-Al-Cl
SYN: ALLUMINIO DIISOBUTIL-MONOCLORURO (Italian) * ALUMINUM, CHLOROBIS(2-METHYLPROPYL)- (9CI) * BIS(ISOBUTYL)ALUMINUM CHLORIDE * CHLORODIISOBUTYLALUMINUM * DIISOBUTYLALUMINUM CHLORIDE * DIISOBUTYLALUMINUM MONOCHLORIDE * DIISOBUTYLCHLOROALUMINUM
TOXICITY DATA AND REFERENCES:
ihl-mus LDLo:680 gm/kg/15M — MELAAD 58,290,67
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM, CHLORO((2,5-DIOXO-4-IMIDAZOLIDINYL)UREATO)TETRAHYDROXYDI- see: BD0580000
ALUMINUM CHLOROHYDROXIDE see: BD0550000

BD0580000 ALUMINUM, CHLOROTETRAHYDROXY((2-HYDROXY-5-OXO-2-IMIDAZOLIN-4-YL)UREATO)DI-
UPDT:8402 CAS: 1317-25-5 MW: 314.58 MOLFM: C4-H9-Al2-Cl-N4-O7
SYN: ALCA * ALCLOXA * ALUMINUM, CHLORO((2,5-DIOXO-4-IMIDAZOLIDINYL)UREATO)TETRAHYDROXYDI- * ALUMINIUM CHLOROHYDROXYALLANTOINATE * CHLORHYDROXYALUMINUM ALLANTOINATE * CHLOROTETRAHYDROXY((2-HYDROXY-5-OXO-2-IMIDAZOLIN-4-YL)UREATO)DIALUMINUM
IRRITATION DATA AND REFERENCES:
eye-rbt 24% MLD — YKKZAJ 102,89,82
TOXICITY DATA AND REFERENCES:
1J30 unk-mus LD50:15800 mg/kg — AMPMAR 40,63,79
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM CHOLATE see: FZ9370000
ALUMINUM DEHYDRATED see: BD0330000

BD0700000 ALUMINUM DEXTRAN
DEF: A complex containing ALUMINUM and DEXTRAN, a chain of molecular weight 2,500, correspondingto a chain of 15 ANHYDROGLUCOSE units (JNCIAM 24,109,60)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:112 gm/kg/14W-I — JNCIAM 24,109,60
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BD0705000 ALUMINUM, DICHLOROETHYL-
CAS: 563-43-9 MW: 126.95 MOLFM: C2-H5-Al-Cl2
SYN: DICHLOROETHYLALUMINUM * DICHLOROMONOETHYLALUMINUM * ETHYL ALUMINUM DICHLORIDE * ETHYL ALUMINUM DICHLORIDE (DOT) * ETHYLDICHLOROALUMINUM * UN 1924 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BD0710000 ALUMINUM, DIISOBUTYLHYDRO-
UPDT:8401 CAS: 1191-15-7 MW: 142.25 MOLFM: C8-H19-Al
SYN: AI-ALCHILI (Italian) * AI-DIISOBUTYL * ALUMINUM, HYDROBIS(2-METHYLPROPYL)- (9CI) * ALUMINUM, HYDRODIISOBUTYL- (8CI) * BIS(ISOBUTYL)HYDROALUMINUM * DIISOBUTYLALUMINIUM HYDRIDE * DIISOBUTYLALUMINUM * DIISOBUTYLALUMINUM HYDRIDE * DIISOBUTYLHYDROALUMINUM * HYDRODIISOBUTYLALUMINUM
TOXICITY DATA AND REFERENCES:
ihl-gpg LCLo:70 gm/m3/1H — MELAAD 57,188,66
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM EDTA COMPLEX see: AH4050000

BD0725000 ALUMINUM FLUORIDE
UPDT:8011 CAS: 7784-18-1 MW: 83.98 MOLFM: Al-F3
SYN: ALUMINIUM FLUORURE (French) * ALUMINUM TRIFLUORIDE * FLUORID HLINITY (Czech)
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV — 28ZPAK -,20,72
TOXICITY DATA AND REFERENCES:
scu-frg LDLo:1680 mg/kg — CRSBAW 124,133,37
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM FLUOROACETATE see: AH6475000

BD0755000 ALUMINUM FLUOROSULFATE, HYDRATE
UPDT:7901 CAS: 73680-58-7
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg — CSLNX* NX#00137
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**
ALUMINUM HYDRATE see: BD0940000

BD0930000 ALUMINUM HYDRIDE
UPDT:8404 CAS: 7784-21-6 MW: 30.01 MOLFM: Al-H3
SYN: ALANE * ALUMINUM HYDRIDE (DOT) * ALUMINUM TRIHYDRIDE * alpha-ALUMINUM TRIHYDRIDE * UN 2463 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM HYDRIDE (DOT) see: BD0930000
ALUMINUM, HYDROBIS(2-METHYLPROPYL)- (9CI) see: BD0710000
ALUMINUM HYDROBORATE see: ED3200000
ALUMINUM, HYDRODIISOBUTYL- (8CI) see: BD0710000

BD0940000 ALUMINUM HYDROXIDE
UPDT:8403 CAS: 21645-51-2 MW: 78.01 MOLFM: Al-H3-O3
SYN: AF 260 * ALCOA 331 * ALCOA C 30BF * ALUMIGEL * ALUMINA HYDRATE * ALUMINA HYDRATED * ALUMINA TRIHYDRATE * alpha-ALUMINA TRIHYDRATE * ALUMINIC ACID * ALUMINUM HYDROXIDE * ALUMINUM HYDRATE * ALUMINUM(III) HYDROXIDE * ALUMINUM HYDROXIDE GEL * ALUMINUM OXIDE-3H2O * ALUMINUM OXIDE HYDRATE * ALUMINUM OXIDE TRIHYDRATE * ALUMINUM TRIHYDRAT * ALUMINUM TRIHYDRATE * ALUMINUM TRIHYDROXIDE * ALUSAL * AMBEROL ST 140F * AMPHOJEL * BACO AF 260 * BRITISH ALUMINUM AF 260 * C 31 * C 33 * C 31C * C 4D * C 31F * C-31-F * CI 77002 * GHA 331 * GHA 332 * H 46 * HIGILITE * HIGILITE H 32 * HIGILITE H 42 * HIGILITE H 315 * HYCHOL 705 * HYDRAL 705 * HYDRAL 710 * HYDRATED ALUMINA * LIQUIGEL * MARTINAL * P 30BF * PGA * TRIHYDRATED ALUMINA * TRIHYDROXYALUMINUM
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 20 mg/kg — MUREAV 30,407,75
TOXICITY DATA AND REFERENCES:
2K30U25 orl-chd TDLo:122 gm/kg/4D — JOPDAB 92,592,78
ipr-rat LDLo:150 mg/kg — LANCAO 1,564,72
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ALUMINUM(III) HYDROXIDE see: BD0940000
ALUMINUM HYDROXIDE CHLORIDE see: BD0550000
ALUMINUM HYDROXIDE GEL see: BD0940000

BD0950000 ALUMINUM HYDROXIDE OXIDE
UPDT:8010 CAS: 24623-77-6 MW: 59.99 MOLFM: Al-H-O2
SYN: ALUMINUM HYDROXIDE OXIDE (AlO(OH)) (8CI) * ALUMINUM METAHYDROXIDE (AlO(OH)) * ALUMINUM OXIDE HYDROXIDE * HYDRATED ALUMINA
TOXICITY DATA AND REFERENCES:
itr-rat LDLo:90 mg/kg — JPBAA7 69,81,55
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM HYDROXIDE OXIDE (AlO(OH)) (8CI) see: BD0950000
ALUMINUM HYDROXYBROMIDE see: BD0360000
ALUMINUM HYDROXYCHLORIDE see: BD0550000
ALUMINUM ISOPROPOXIDE see: BD0975000

BD0975000 ALUMINUM(II) ISOPROPYLATE
UPDT:8403 CAS: 555-31-7 MW: 204.28 MOLFM: C9-H21-Al-O3

BEST COPY AVAILABLE

SYN: ALUMINUM ISOPROPOXIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:11300 mg/kg — AIHAAP 30,470,69
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM LITHIUM HYDRIDE see: BD0100000

BD1000000 ALUMINUM MAGNESIUM PHOSPHIDE
UPDT:8404
SYN: MAGNESIUM ALUMINUM PHOSPHIDE (DOT) * UN 1419 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET — CFRGBR 49,172.101,82
ALUMINUM METAHYDROXIDE (AlO(OH)) see: BD0950000
ALUMINUM, METALLIC, POWDER (DOT) see: BD0330000
ALUMINUM MONOPHOSPHATE see: TB6450000
ALUMINUM MONOPHOSPHIDE see: BD1400000
ALUMINUM NITRATE see: BD1040000

BD1040000 ALUMINUM(111) NITRATE (1:3)
UPDT:8308 CAS: 13473-90-0 MW: 213.01 MOLFM: N3-O9 Al
SYN: ALUMINUM NITRATE * ALUMINUM NITRATE (DOT) * ALUMINUM TRINITRATE * NITRIC ACID, ALUMINUM SALT * NITRIC ACID, ALUMINUM(3 +) SALT * UN 1438 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD — FCTOD7 20,563,82
eye-rbt 100 mg SEV — FCTOD7 20,573,82
eye-rbt 100 mg/45 rns MLD — FCTOD7 20,573,82
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM NITRATE (DOT) see: BD1040000
ALUMINUM NITRATE NONAHYDRATE see: BD1050000

BD1050000 ALUMINUM(III) NITRATE, NONAHYDRATE (1:3:9)
UPDT:8010 CAS: 7784-27-2 MW: 375.19 MOLFM: N3-O9 Al 9H2-O
SYN: ALUMINUM NITRATE NONAHYDRATE * ALUMINUM TRINITRATE NONAHYDRATE * NITRIC ACID, ALUMINUM SALT, NONAHYDRATE (8CI,9CI)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:264 mg/kg — HYSAAV 31(8),204,66
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ALUMINUM OXIDE see: GN0231000
ALUMINUM OXIDE see: BD1200000
alpha-ALUMINUM OXIDE see: BD1200000
beta-ALUMINUM OXIDE see: BD1200000
gamma-ALUMINUM OXIDE see: BD1200000

BD1200000 ALUMINUM OXIDE (2:3)
UPDT:8403 CAS: 1344-28-1 MW: 101.96 MOLFM: Al2-O3
SYN: A 1 (SORBENT) * ABRAMANT * ABRAMAX * ABRAREX * ABRASIT * ACTIVATED ALUMINUM OXIDE * ALCOA F 1 * ALMITE * ALON * ALON C * ALOXITE * ALUMINA * alpha-ALUMINA * gamma-ALUMINA * beta-ALUMINA * ALUMINITE 37 * ALUMINUM OXIDE * ALUMINUM OXIDE * alpha-ALUMINUM OXIDE * beta-ALUMINUM OXIDE * gamma-ALUMINUM OXIDE * ALUMINUM SESQUIOXIDE * ALUMITE * ALUMITE (OXIDE) * ALUNDUM * ALUNDUM 600 * BROCKMANN, ALUMINUM OXIDE * CAB-O-GRIP * CATAPAL S * CATAPAL SB ALUMINA * COMPALOX * CONOPAL * DIADUR * DIALUMINUM TRIOXIDE * DISPAL * DISPAL ALUMINA * DISPAL M * DOTMENT 324 * DOTMENT 358 * DURAL * EXOLON * EXOLON XW 60 * F 360 (ALUMINA) * FASERTON * FASERTONERDE * G 8 (OXIDE) * G 2 (OXIDE) * GK (OXIDE) * HYPALOX II * JUBENON R * KA 101 * KETJEN B * KMP 2 * LA 6 * LUCALOX * LUDOX CL * MARTOXIN * MICROGRIT WCA * PORAMINAR * PS 1 * PS 1 (ALUMINA) * Q-LOID A 30 * RC 172DBM
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipl-rat TDLo:90 mg/kg — BJCAAI 28,173,73
2V02V10 imp-rat TDLo:200 mg/kg — JJIND8 67,965,81
2V03V10 imp-rat TD :200 mg/kg — IARCCD 8,289,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 31BYAP -,94,74
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 — DTLVS* 4,14,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ALUMINUM OXIDE-3H20 see: BD0940000
ALUMINUM OXIDE HYDRATE see: BD0940000
ALUMINUM OXIDE HYDROXIDE see: BD0950000
ALUMINUM OXIDE SILICATE see: BD1450000
ALUMINUM OXIDE TRIHYDRATE see: BD0940000

BD1280000 ALUMINUM, PENTAKIS(N(sup 2)-ACETYL-L-GLUTAMINATO)TETRAHYDROXYTRI-
UPDT:8406 CAS: 12607-92-0 MW: 1084.98 MOLFM: C35-H59-Al3-N10-O24
SYN: ACEGLUTAMIDE ALUMINUM * N-ACETYL-L-GLUTAMINE ALUMINUM SALT * ALUMINUM ACEGLUTAMIDE * GLUMAL * KW 110 * PENTAKIS(N(sup 2)-ACETYL-L-GLUTAMINATO)TETRAHYDROXYTRIALUMINUM
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:4200 mg/kg — USXXAM #3787466
* ivn-rat LD50:400 mg/kg — USXXAM #3787466
* orl-mus LD50:14300 mg/kg — NIIRDN 6,14,82
* ipr-mus LD50:5 gm/kg — USXXAM #3787466
* ivn-mus LD50:460 mg/kg — USXXAM #3787466
ALUMINUM PHOSPHATE see: TB6450000
ALUMINUM PHOSPHATE (1:1) see: TB6450000
ALUMINUM PHOSPHATE SOLUTION (DOT) see: TB6450000

BD1400000 ALUMINUM PHOSPHIDE
UPDT:8408 CAS: 20859-73-8 MW: 57.95 MOLFM: Al-P
SYN: AlP * AL-PHOS * ALUMINIUM FOSFIDE (Dutch) * ALUMINIUM PHOSPHIDE * ALUMINUM MONOPHOSPHIDE * ALUMINUM PHOSPHIDE (DOT) * CELPHIDE * CELPHINE * CELPHOS * CELPHOS * DELICIA * DELICIA GASTOXIN * DETIA * DETIA-EX-B * DETIA GAS EX-B * FOSFURI DI ALLUMINIO (Italian) * FUMITOXIN * PHOSPHURES D'ALUMIUM (French) * PHOSTOXIN * QUICKPHOS * RCRA WASTE NUMBER P006 * UN 1397 (DOT)
TOXICITY DATA AND REFERENCES:
orl-hmn LD50:20 mg/kg — 85ARAE 3,38,76
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ALUMINUM PHOSPHIDE (DOT) see: BD1400000
ALUMINUM POTASSIUM SULFATE, DODECAHYDRATE see: WS5690000
ALUMINUM POWDER see: BD0330000
ALUMINUM POWDER, coated (DOT) see: BD0330000
ALUMINUM, POWDER, PYROPHORIC (DOT) see: BD0330000
ALUMINUM, POWDER, UNCOATED, NON-PYROPHORIC (DOT) see: BD0330000

BD1430000 ALUMINUM RESINATE
UPDT:8401 CAS: 61789-65-9
SYN: RESIN ACIDS and ROSIN ACIDS, ALUMINUM SALTS * UN 2715 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM SESQUIOXIDE see: BD1200000

BD1450000 ALUMINUM(III) SILICATE (2:1)
UPDT:8403 CAS: 1302-76-7 MW: 162.05 MOLFM: O5-Si 2Al
SYN: ALUMINOSILCATE * ALUMINUM OXIDE SILICATE * CERAMIC FIBRE * CYANITE * DISTHENE * KAOPOLITE * KYANITE * MULLITE * OK-DRI * SAFE-N-DRI * SILICIC ACID ALUMINUM SALT * SNOW TEX * VALFOR
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipl-rat TDLo:90 mg/kg — BJCAAI 28,173,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 31BYAP -,94,74
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BD1470000 ALUMINUM SILICON
UPDT:8312
SYN: ALUMINUM SILICON, powder, uncoated (DOT) * UN 1398 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET — CFRGBR 49,172.102,83
ALUMINUM SILICON, powder, uncoated (DOT) see: BD1470000
ALUMINUM SODIUM FLUORIDE see: WA9625000
ALUMINUM SODIUM HYDRIDE see: BD0180000

BD1585000 ALUMINUM SODIUM LACTATE
UPDT:7908
SYN: ALUMINIUMNATRIUMLACTAT (German)
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:200 mg/kg — HBAMAK 4,1289,35
scu-dog LDLo:15 mg/kg — HBAMAK 4,1289,35
scu-cat LDLo:150 mg/kg — HBAMAK 4,1289,35
scu-rbt LDLo:750 mg/kg — HBAMAK 4,1289,35
scu-frg LDLo:600 mg/kg — HBAMAK 4,1289,35
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80

BD1600000 ALUMINUM SODIUM OXIDE
UPDT:8308 CAS: 11138-49-1
SYN: beta-ALUMINA * beta''-ALUMINA * J 242 * NALCO 680 * SODIUM ALUMINATE, SOLID (DOT) * SODIUM ALUMINATE, solution (DOT) * SODIUM ALUMINUM OXIDE * SODIUM POLYALUMINATE * UN 1819 (DOT) * UN 2812 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-B; LABEL:NONE, solid — CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution — CFRGBR 49,172.101,82
ALUMINUM SULFATE see: BD1700000
ALUMINUM SULFATE (2:3) see: BD1700000

BD1700000 ALUMINUM SULFATE (3:2)
UPDT:8407 CAS: 10043-01-3 MW: 342.14 MOLFM: O12-S3 2Al
SYN: ALUM * ALUMINUM ALUM * ALUMINUM SULFATE * ALUMINUM SULFATE (2:3) * ALUMINUM SULFATE, solid (DOT) * ALUMINUM SULFATE, solution (DOT) * ALUMINUM SULPHATE * ALUMINUM TRISULFATE * CAKE ALUM * DIALUMINUM SULPHATE * DIALUMINUM TRISULFATE * SULFURIC ACID, ALUMINUM SALT (3:2)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 int-rat TDLo:27371 ug/kg (1D male) — JRPFA4 7,21,64
2T01T02 scu-mus TDLo:27371 ug/kg (30D male) — JRPFA4 7,21,64
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:6207 mg/kg — BJIMAG 23,305,66
ipr-mus LD50:270 mg/kg — COREAF 256,1043,63
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE, solid — CFRGBR 49,172.101,82
★ DOT-HAZARD:ORM-B; LABEL:NONE, solution — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0178-0034
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ALUMINUM SULFATE, solid (DOT) see: BD1700000
ALUMINUM SULFATE, solution (DOT) see: BD1700000
ALUMINUM SULPHATE see: BD1700000
ALUMINUM TETRAHYDROBORATE see: ED3200000
ALUMINUM TRIBROMIDE see: BD0350000

BD1810000 ALUMINUM, TRIBROMOTRIMETHYLDI-
CAS: 12263-85-3 MW: 338.81 MOLFM: C3-H9-Al2-Br3
SYN: METHYL ALUMINUM SESQUIBROMIDE * METHYL ALUMINUM SESQUIBROMIDE (DOT) * TRIBROMOTRIMETHYLDIALUMINUM * UN 1926 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BD1820000 ALUMINUM, TRIBUTYL-
CAS: 1116-70-7 MW: 198.37 MOLFM: C12-H27-Al
SYN: ALUMINUM TRIBUTYL (DOT) * TRIBUTYLALUMINUM * TRI-n-BUTYLALUMINUM * UN 2003 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM TRIBUTYL (DOT) see: BD1820000
ALUMINUM TRICHLORIDE see: BD0525000
ALUMINUM TRICHLORIDE HEXAHYDRATE see: BD0530000

BD1950000 ALUMINUM, TRICHLOROTRIETHYLDI-
CAS: 12075-68-2 MW: 247.52 MOLFM: C6-H15-Al2-Cl3
SYN: ETHYLALUMINUM SESQUICHLORIDE * ETHYL ALUMINUM SESQUICHLORIDE (DOT) * SESQUIETHYLALUMINUM CHLORIDE * TRICHLOROTRIETHYLDIALUMINUM * TRICHLOROTRIETHYLDIALUMINUM * TRIETHYLALUMINUM SESQUICHLORIDE * TRIETHYLDIALUMINUM TRICHLORIDE * TRIETHYLTRICHLORODIALUMINUM * UN 1925 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE — CFRGBR 49,172.102,83

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BD1970000 ALUMINUM, TRICHLOROTRIMETHYLDI-
UPDT:8401 CAS: 12542-85-7 MW: 205.43 MOLFM: C3-H9-Al2-Cl3
SYN: METHYLALUMINUM SESQUICHLORIDE * METHYL ALUMINUM SESQUICHLORIDE (DOT) * TRICHLOROTRIMETHYLDIALUMINUM * UN 1927 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BD2050000 ALUMINUM, TRIETHYL-
UPDT:8312 CAS: 97-93-8 MW: 114.19 MOLFM: C6-H15-Al
SYN: ALUMINUM TRIETHYL (DOT) * TEA * TRIETHYLALUMINIUM * TRIETHYLALUMINUM * UN 1102 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM TRIETHYL (DOT) see: BD2050000
ALUMINUM TRIFLUORIDE see: BD0725000
ALUMINUM TRIHYDRAT see: BD0940000
ALUMINUM TRIHYDRATE see: BD0940000
ALUMINUM TRIHYDRIDE see: BD0930000
alpha-ALUMINUM TRIHYDRIDE see: BD0930000
ALUMINUM TRIHYDROXIDE see: BD0940000
BD2203500 ALUMINUM, TRIISOBUTYL-
CAS: 100-99-2 MW: 198.37 MOLFM: C12-H27-Al
SYN: ALUMINUM, TRIS(2-METHYLPROPYL)- (9CI) * TRIISOBUTYLALANE * TRIISOBUTYLALUMINIUM * TRIISOBUTYLALUMINUM * UN 1930 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BD2204000 ALUMINUM, TRIMETHYL-
UPDT:8401 CAS: 75-24-1 MW: 72.10 MOLFM: C3-H9-Al
SYN: ALUMINUM TRIMETHYL (DOT) * TRIMETHYLALANE * TRIMETHYLALUMINIUM * TRIMETHYLALUMINUM * UN 1103 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM TRIMETHYL (DOT) see: BD2204000
ALUMINUM TRINITRATE see: BD1040000
ALUMINUM TRINITRATE NONAHYDRATE see: BD1050000
BD2208000 ALUMINUM, TRIPROPYL-
UPDT:8401 CAS: 102-67-0 MW: 156.28 MOLFM: C9-H21-Al
SYN: TRIPROPYLALUMINUM * TRIPROPYLALUMINUM (DOT) * UN 2718 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ALUMINUM TRIS(O-ETHYL PHOSPHONATE) see: SZ9640000
ALUMINUM, TRIS(2-METHYLPROPYL)- (9CI) see: BD2203500
ALUMINUM TRISULFATE see: BD1700000
ALUMITE see: BD1200000
ALUMITE (OXIDE) see: BD1200000
ALUNDUM see: BD1200000
ALUNDUM 600 see: BD1200000
ALUNEX see: US6475000
ALUPENT see: DO2275000
ALUPHOS see: TB6450000
ALURAL see: YS3150000
ALURATE see: CP8925000
ALURATE ELIXIR VERDUM see: CP8925000
ALURENE see: DK9450000
ALUSAL see: BD0940000
ALUZINE see: CB2625000
A 21LV see: TR0400000
ALVEDON see: AE4200000
ALVINOL see: SB4725000
ALVIT see: IO1750000
ALVYL see: TR8100000
ALYPIN see: EL2350000
ALYPINE see: EL2350000
ALYSINE see: VO5075000
ALZODEF see: GS6000000
d-AM see: SH9100000
AM 88 see: DG4905200
AM 233 see: RD1592000
AM-715 see: VB2005000
AM-725 see: VB2002000
AM-2282 see: KD5084000
AMA see: BF2810000
AM 2604 A see: CB9376597
AMABEVAN see: CF9275000
AMACEL BLUE GG see: CB0540000
AMACEL DEVELOPED NAVY SD see: DD0875000
AMACEL PURE BLUE B see: CB0540000
AMACEL YELLOW G see: AC3662000
AMACID AMARANTH see: QJ6550000
AMACID BLUE FG CONC see: BQ4550000
AMACID BLUE V see: BP6830000
AMACID BRILLIANT BLUE see: DU3000000
AMACID CARMOISINE B see: QK1925000
AMACID CHROME BLUE R see: QK1925000
AMACID FAST BLUE R see: QJ6300000
AMACID FAST YELLOW RS see: DV3910000
AMACID GREEN B see: BQ4375000
AMACID GREEN G see: BQ4900000
AMACID LAKE SCARLET 2R see: QJ6825000
AMACID ORANGE Y see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
AMACID PHLOXINE see: QJ6030000
AMACID SCARLET 2R see: QJ6825000
AMACID WOOL GREEN S see: BQ1150000
AMACID YELLOW M see: DB7329500
AMACID YELLOW T see: UQ6400000
AMADA RHIZOME EXTRACT (Indian) see: GS3774020
AMADIL see: AE4200000
AMAIZO W 13 see: GM5090000
AMALOX see: ZH4810000
AMANIL BLACK GL see: QJ6160000
AMANIL BLACK WD see: QJ6160000
AMANIL BLUE 2BX see: QJ6400000
AMANIL FAST BROWN BRL see: GL7375000
AMANIL FAST SCARLET 3B see: QJ6476000
AMANIL FAST VIOLET N see: QK1420000
AMANIL GREEN LT see: QJ6195050
AMANIL PURPURINE 4B see: QK1765000
AMANIL SKY BLUE see: QJ6475000
AMANIL SKY BLUE see: QJ6420000
AMANIL SKY BLUE 6B see: QJ6430000
AMANIL SKY BLUE FF see: QJ6430000
AMANIL SKY BLUE R see: QJ6475000
AMANIL SUPRA BLUE 9GL see: GS2169000
AMANIL SUPRA BROWN LBL see: GL7375000
BD6090000 AMANITA VIROSA, extract
DEF:Aqueous extract of the toxic mushroom AMANITA VIROSA (SKEZAP 22,203,81)
UPDT:8311
TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LD50:4100 mg/kg SKEZAP 22,203,81
alpha-AMANITIN (8CI,9CI) see: BD6195000
beta-AMANITIN see: BD6195100
BD6195000 alpha-AMANITINE
UPDT:8412 CAS: 23109-05-9 MW: 919.09 MOLFM: C39-H54-N10-O14-S
SYN: alpha-AMANITIN (8CI,9CI)
MUTATION DATA AND REFERENCES:
oms-oin:oth 10 ug BBACAQ 697,213,82
dnd-mus-ipr 500 ug/kg ECREAL 67,311,71
oms-rat-ipr 1 mg/kg BBACAQ 782,262,84
oms-rat:lvr 1 mg/L BBACAQ 654,31,81
oms-rat:kdy 1 mg/L BBACAQ 654,31,81
dnd-mus-ipr 500 ug/kg ECREAL 67,311,71
oms-mus-ipr 500 ug/kg BIJOAK 105,779,67
oms-mus:ast 2 mg/L JANTAJ 36,155,83
cyt-ckn:fbr 100 mg/L NATWAY 59,368,72
oms-nml:ovr 500 ug/L CHROAU 82,171,81
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 ug/kg NEJMAG 269,223,63
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
BD6195100 beta-AMANITINE
UPDT:8403 CAS: 13567-07-2 MW: 904.07 MOLFM: C39-H53-N9-O14-S
SYN: beta-AMANITIN
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:400 ug/kg NEJMAG 269,223,63
AMANTADINE see: YD1925000
AMANTADINE HYDROCHLORIDE see: AU4375000
AMANTHRENE GOLDEN YELLOW see: HO7030000
AMARANTH see: QJ6550000
AMARANTH A see: QJ6550000
AMARANTH B see: QJ6550000
AMARANTH BPC see: QJ6550000
AMARANTHE see: QJ6550000
AMARANTHE USP (biological stain) see: QJ6550000
AMARANTH EXTRA see: QJ6550000
AMARANTH LAKE see: QJ6550000
AMARANTH S see: QJ6550000
AMARANTH S SPECIALLY PURE see: QJ6550000
BD7130000 AMARANTHUS BLITUM Linn. var. OLERACEAE Hook. f., extract excluding roots
DEF:Indian plant belonging to the family AMARANTHACEAE (IJEBA6 15,208,77)
UPDT:8608
SYN: VAN-NATYA extract
TOXICITY DATA AND REFERENCES:
2J30M10 ipr-mus LD50:188 mg/kg IJEBA6 15,208,77
AMARANTH USP see: QJ6550000
BD7140000 AMARANTHUS SPINOSUS Linn., extract
DEF:Indian plant belonging to the family AMARANTHACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: KATAILI CHAULAI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69
BD7142000 AMARANTHUS VIRIDIS Linn., extract
DEF:Indian plant belonging to the family AMARANTHACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: JANGLI CHAULAI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg IJEBA6 7,250,69
AMARANTH WD see: QJ6550000
AMARA STEM BARK EXTRACT (Indian) see: WH1332060
AMARBEL EXTRACT (Indian) see: GS4316000
AMAREX see: TR6250000
AMARSAN see: CF8400000
AMARTHOL FAST ORANGE R BASE see: BY6825000
AMARTHOL FAST RED TR BASE see: XU5000000
AMARTHOL FAST RED TR BASE see: XU5250000
AMARTHOL FAST RED TR SALT see: XU5250000
AMARTHOL FAST SCARLET G BASE see: XU8225000
AMARTHOL FAST SCARLET G SALT see: XU8225000
AMATIN see: DA2975000
AMAX see: DL5950000
AMAZE see: VO4395500
AMAZOLON see: AU4375000
AMAZON YELLOW X2485 see: AK4580000
AMBACAMP see: XH8490000
AMBATHIZON see: AE3850000
AMBAXIN see: XH8490000
AMBAZON see: MF5550000
AMBAZONE see: MF5550000
AMBEN see: DG1400000
AMBENONIUM CHLORIDE see: BR9808000
AMBENONIUM DICHLORIDE see: BR9808000

BEST COPY AVAILABLE

AMBENYL see: KR7000000
AMBER see: BD8650000

BD8650000 AMBERGRIS TINCTURE
UPDT:8305 CAS: 9000-02-6
SYN: AMBER * AMBRA * GRAY AMBER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,675,76

AMBERI EXTRACT (Indian) see: RD3880000
AMBEROL ST 140F see: BD0940000
AMBESIDE see: WO8400000
AMBESTIGMIN CHLORIDE see: BR9808000
AMBIBEN see: DG1925000
AMBILHAR see: NJ1050000
AMBINON see: MD6953000

BD9115000 AMBISTRIN
UPDT:8305 CAS: 8017-59-2 MW: 1165.38 MOLFM: C21-H41-N7-O12 C21-H39-N7-O12
SYN: DIHYDROSTREPTOMYCIN and STREPTOMYCIN * DUO-STREPTOMYCIN * STREPTOMYCIN and DIHYDROSTREPTOMYCIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T42T77 unk-wmn TDLo:540 mg/kg (27-39W preg) SJRDAH 50,101,69
1T42 unk-wmn TDLo:560 mg/kg (1-10W preg) SJRDAH 50,101,69
1T42 unk-wmn TDLo:540 mg/kg (22-37D preg) SJRDAH 50,61,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AMBIVALON see: HO9550000
AMBLOSIN see: XH8350000
AMBOCHLORIN see: ES7525000
AMBOFEN see: AB6825000
AMBOKE EXTRACT (Indian) see: NY5990000
AMBOMYCIN see: AY7937000
AMBOX see: GQ5600000
AMBRA see: BD8650000
AMBRACYN see: QI9100000
AMBRAMICINA see: QI8750000
AMBRAMYCIN see: QI8750000
AMBRAVEINE see: QI8575000

BD9630000 AMBROSA-2,11(13)-DIEN-12-OIC ACID, 6-alpha,8-beta-DIHYDROXY-4-OXO-, 12,8-LACTONE
UPDT:8405 CAS: 6754-13-8 MW: 262.33 MOLFM: C15-H18-O4
SYN: HELENALIN
MUTATION DATA AND REFERENCES:
dnr-bcs 1 mg/plate RCOCB8 34,161,81
dni-mus-unk 15 mg/kg/3D JMCMAR 20,333,77
dni-mus:ast 2143 umol/L JPMSAE 67,1235,78
TOXICITY DATA AND REFERENCES:
orl-mus LD50:150 mg/kg MEIEDD 10,668,83
ipr-mus LD50:10 mg/kg RCOCB8 28,189,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

10-alpha-H-AMBROSA-11(13)-EN-12-OIC ACID, 6-alpha,8-beta-DIHYDROXY-4-OXO-, 12,8-LACTONE see: CO4830000

BD9638000 AMBROS-2-EN-12-OIC ACID, 6-alpha,8-beta-DIHYDROXY-4-OXO-, 12,8-LATONE, (11S)-
UPDT:8407 CAS: 34257-95-9 MW: 264.35 MOLFM: C15-H20-O4
SYN: DIHYDROHELENALIN * 11,13-DIHYDROHELENALIN * PLENOLIN
MUTATION DATA AND REFERENCES:
dni-mus:ast 2143 umol/L JPMSAE 67,1235,78

BD9640000 AMBROS-2-EN-12-OIC ACID, 6-beta,13-EPOXY-8-alpha,13-DIHYDROXY-11-METHYL-4-OXO-, gamma-LACTONE
UPDT:8405 CAS: 19202-92-7 MW: 306.39 MOLFM: C17-H22-O5
SYN: TENULIN
MUTATION DATA AND REFERENCES:
dni-mus-unk 30 mg/kg/3D JMCMAR 20,333,77
dni-mus:ast 2143 umol/L JPMSAE 67,1235,78
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:185 mg/kg RCOCB8 28,189,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AMBROXOL see: GV8423000
AMBROXOL HYDROCHLORIDE see: GV8425000
AMBRUNATE see: SN5100000
AMBRUTICIN see: UP5990000
AMBUCAIN see: DG1501000
AMBUCAINE see: DG1501000
AMBUCETAMID see: AB6365000
AMBUCETAMIDE see: AB6365000
AMBUPHYLLINE see: XH4375000
AMBUSH see: GZ1255000
AMBUSH see: UE2275000
AMBUTONIUM BROMIDE see: BP0694200
AMBUTOXATE see: DG1501000
AMBUTYROSIN see: EN2246000
AMBYLAN see: WK1970000
AMBYTHENE see: TQ3325000
6-AMC see: GC0500000
AMCAP see: XH8425000
AMCHA see: GU8400000
trans AMCHA see: GU8400000
AMCHEM 68-250 see: SZ7100000
AMCHEM 70-25 see: BW9500000
AMCHEM GRASS KILLER see: AJ7875000
AMCHEM 2,4,5-TP see: UF8225000
AMCHLOR see: BP4550000
AMCIDE see: WO6125000
AMCILL see: XH8350000
AMCILL see: XH8425000
AMCINONIDE see: TU3682500
AMCO see: UD1842000
AMD see: AY5950000
AMDEX see: SI1400000
AMDINOCILLIN see: XI0185000
AMDON GRAZON see: TJ7525000
AMDRAM see: SH5075000
AMDRO see: UW7583000
AME see: HP8755000
AMEBAN see: CF9275000
AMEBARSONE see: CF9275000
AMEBICIDE see: JY5250000
AMEBIL see: VC5075000
AMEDRINE see: SH5075000
AMEISENATOD see: GV4900000
AMEISENMITTEL MERCK see: GV4900000
AMEISENSAEURE (German) see: LQ4900000
A. MELLIFERA VENOM see: YX4179650
AMENORON see: RC8925000
AMENORONE see: RC8925000
AMENORONE FORTE see: TU5570270
AMEPROMAT see: TZ0175000
AMERCIDE see: GW5075000
AMERFIL see: UD1842000
AMERICAN CL-26691 see: TF7525000
AMERICAN CL-26095-2 see: TF2050000
AMERICAN CYANAMID 3422 see: TF4550000
AMERICAN CYANAMID 3,911 see: TD9450000
AMERICAN CYANAMID 4,049 see: WM8400000
AMERICAN CYANAMID 4,124 see: TE7875000
AMERICAN CYANAMID 5223 see: MF1750000
AMERICAN CYANAMID 12,009 see: TD9800000
AMERICAN CYANAMID 12,503 see: TF2275000
AMERICAN CYANAMID 12880 see: TE1750000
AMERICAN CYANAMID 18133 see: TF5775000
AMERICAN CYANAMID 18682 see: TD8225000
AMERICAN CYANAMID 18706 see: TE0960000
AMERICAN CYANIMID 24,055 see: AE2450000
AMERICAN CYANAMID-38023 see: TF7650000
AMERICAN CYANAMID 38,064 see: TF6900000
AMERICAN CYANAMID-43073 see: TF7900000
AMERICAN CYANAMID 43356 see: NJ6450000
AMERICAN CYANAMID 47031 see: NJ6475000
AMERICAN CYANAMID 47,772 see: NJ6650000
AMERICAN CYANAMID AC 43,064 see: NJ6400000
AMERICAN CYANAMID AC 43,356 see: NJ6450000
AMERICAN CYANAMID AC 43,913 see: TG2950000
AMERICAN CYANAMID AC 47,031 see: NJ6475000
AMERICAN CYANAMID AC 47,430 see: NJ6380000
AMERICAN CYANAMID AC 47,826 see: NJ6430000
AMERICAN CYANAMID AC 47,921 see: TD9660000
AMERICAN CYANAMID AC 47,938 see: NJ6410000
AMERICAN CYANAMID AC 52,160 see: TF6890000
AMERICAN CYANAMID CL-23697 see: TC0820000
AMERICAN CYANAMID CL-24055 see: AE2450000
AMERICAN CYANAMID CL-26,691 see: TF7525000
AMERICAN CYANAMID CL-28865 see: TC3150000
AMERICAN CYANAMID CL-35,217 see: TF7700000
AMERICAN CYANAMID CL-38,023 see: TF7650000
AMERICAN CYANAMID CL-38064 see: TF6900000
AMERICAN CYANAMID CL-38106 see: TF7800000
AMERICAN CYANAMID CL-43064 see: NJ6400000
AMERICAN CYANAMID CL-43356 see: NJ6450000
AMERICAN CYANAMID CL-43913 see: TG2950000
AMERICAN CYANAMID CL-47031 see: NJ6475000
AMERICAN CYANAMID CL-47271 see: NJ6470000
AMERICAN CYANAMID CL-47,300 see: TG0350000
AMERICAN CYANAMID CL-47370 see: NJ6455000
AMERICAN CYANAMID CL-47460 see: NJ6660000
AMERICAN CYANAMID CL-47470 see: JP1050000
AMERICAN CYANAMID CL-52069 see: NJ6465000
AMERICAN CYANAMID CL-52107 see: NJ6472000
AMERICAN CYANAMID CL-52160 see: TF6890000
AMERICAN CYANAMID CL-26,095-2 see: TF2050000
AMERICAN CYANAMID EI-38906 see: FG1350000
AMERICAN CYANAMID E.I. 43,913 see: TG2950000
AMERICAN CYANAMID E.I. 52,160 see: TF6890000
AMERICAN CYANAMID EL-47430 see: NJ6380000
AMERICAN CYANAMID EL-47548 see: RP5504000
AMERICAN CYANAMID EL-47826 see: NJ6430000
AMERICAN CYANAMID EL-47921 see: TD9660000
AMERICAN CYANAMID EL-47938 see: NJ6410000
AMERICAN HELLEBORE see: YX7875000
AMERICAN PENICILLIN see: XH9800000
AMERICAN VERATRUM see: YX7875000
AMERICAN VERMILION see: QL3436000
AMERIPOL 1013 see: AT6970000
AMERIZOL see: YO4900000
AMEROL see: XZ3850000
AMEROX OE-20 see: RK2975000
AMET (German) see: DG0895000
AMETHOCAINE see: DG4725000
AMETHOCAINE HYDROCHLORIDE see: DG4900000
AMETHONE see: DF7875000
AMETHOPTERIN see: MA1225000
AMETHOPTERIN, 3',5'-DICHLORO- see: MA1250000
AMETHOPTERINE see: MA1225000
AMETHOPTERIN SODIUM see: MA1232000
AMETHYST see: VV7330000
AMETOTERINA see: XJ1570000
AMETREX see: XY9100000
AMETRIODINIC ACID see: DG0895000
AMETRYN see: XY9100000
AMETRYNE see: XY9100000
AMETYCIN see: CN0700000
AMEX see: BW9500000
AMEX 820 see: BW9500000
AMEZINIUM METILSULFATE see: UR6066500
AMEZINIUMMETILSULFAT (German) see: UR6066500
AMFETAMINA see: SI1750000
AMFETAMINA (Italian) see: SH9000000
AMFETAMINE see: SI1750000
d-AMFETASUL see: SI1400000
AMFH see: AB2946500
AMFIPEN see: XH8350000
AM-FOL see: BO0875000
AMFORMIN HYDROCHLORIDE see: DU2090000
AMIANTHUS see: CI6475000
AMIBEN see: DG1925000
AMIBEN DS see: DG1925000
AMIBIARSON see: CF9275000

AMIBIN see: DG1925000
AMICAR see: MO6300000
AMICARBALIDE DIISETHIONATE see: FE0200000
AMICARDINE see: LV1050000
AMICAZOL see: DL3580000

BE5950000 AMICETIN
UPDT-8412 CAS: 17650-86-1 MW: 618.77 MOLFM: C29-H42-N6-O9
SYN: ALLOMYCIN * AMICETIN-A * D-13 * NSC 5340 * SACROMYCIN * U-4761
MUTATION DATA AND REFERENCES:
mmo-eug 1500 mg/L NEOLA4 19,579,72
dni-eug 1500 mg/L NEOLA4 19,579,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3600 mg/kg UPJOH* 2,-,71
* scu-rat LD50:600 mg/kg ANTCAO 3,718,53
* ivn-rat LD50:200 mg/kg ANTCAO 3,718,53
* orl-mus LD50:2000 mg/kg 85GDA2 5,214,81
* ipr-mus LD50:90 mg/kg ANTCAO 3,718,53
* scu-mus LD50:57 mg/kg 85FZAT -,120,67
* ivn-mus LD50:6800 ug/kg 85FZAT -,120,67
scu-gpg LD50:14 mg/kg UPJOH* 2,-,71

AMICETIN-A see: BE5950000
AMICETIN B see: CV2150000

BE5957000 AMICETIN C
DEF An antibiotic produced by S. VINACEUS-DRAPPUS (85FZAT - 120,67)
UPDT-8309 MW: 1243.86 MOLFM: C56-H94-O19-N10-S
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:33 mg/kg 85GDA2 5,216,81

AMICIDE see: WO6125000
AMICOUMACIN-A see: AU7802000
AMIDANTEL see: AB7880000
AMIDATE see: NI4021500 14-IMIDAZOLE-5-CARBOXYLIC ACID, 1-(alpha-METHYLBENZYL)-, ETHYLESTER, SULFATE
AMIDAZIN see: NS0350000
AMIDAZINE see: NS0350000
AMIDAZOPHEN see: CD2625000
AMIDAZOPHENE see: CD2625000
AMIDE DIMETHYL-2,2 n-VALERIANIQUE (French) see: YV4380000
AMIDEFRINE MESYLATE see: PB0870200
AMIDEPHRINE MESYLATE see: PB0870200
AMIDEPHRINE MONOMETHANESULFONATE see: PB0870200
AMIDE PP see: QS3675000
AMIDES, COCO, N,N-BIS(HYDROXYETHYL) see: GG6200000
AMIDINE BLUE 4B see: QJ6475000
p-AMIDINOBENZOIC ACID BENZYL ESTER see: DG1115000
p-AMIDINOBENZOIC ACID BUTYL ESTER see: DG1116000
p-AMIDINOBENZOIC ACID 2-CHLOROETHYL ESTER see: DG1117000
p-AMIDINOBENZOIC ACID CYCLOHEXYL ESTER see: DG1118000
p-AMIDINOBENZOIC ACID HEXYL ESTER see: DG1127000
p-AMIDINOBENZOIC ACID PENTYL ESTER see: DG1135000
p-AMIDINOBENZOIC ACID PROPYL ESTER see: DG1136000
1-AMIDINO-3-(2-BROMO-6-METHYLPHENYL)-UREA HYDROCHLORIDE see: YR8441000
3-AMIDINO-1-BUTYL-1-(2,6-DIMETHYLPHENYL)-UREA HYDROCHLORIDE see: YR8441500
1-AMIDINO-3-(2-CHLORO-6-FLUOROPHENYL)-UREA HYDROCHLORIDE see: YR8442000
1-AMIDINO-3-(2-CHLORO-6-METHYLPHENYL)-UREA HYDROCHLORIDE see: YR8443000
3-AMIDINO-1-(2-CHLORO-6-METHYLPHENYL)-1-METHYL-UREA HYDROCHLORIDE see: YR8442500
1-AMIDINO-3-(2,6-DIBROMOPHENYL)-UREA HYDROCHLORIDE see: YR8444000
1-AMIDINO-3-(2,6-DICHLOROPHENYL)-UREA HYDROCHLORIDE see: YR8444500
1-AMIDINO-3-(p-(DIETHYLCARBAMOYL)PHENYL)UREA MONOHYDROCHLORIDE see: YR8157420
3-AMIDINO-1-(2,6-DIETHYLPHENYL)-1-ETHYL-UREA HYDROCHLORIDE see: YR8445600
3-AMIDINO-1-(2,6-DIETHYLPHENYL)-1-METHYL-UREA HYDROCHLORIDE see: YR8445700
3-AMIDINO-1-(2,6-DIETHYLPHENYL)-1-PROPYL-UREA HYDROCHLORIDE see: YR8445800
1-AMIDINO-3-(2,6-DIETHYLPHENYL)-UREA see: YR8445000
3-AMIDINO-1-(2,6-DIMETHYLPHENYL)-1-METHYL-UREA HYDROCHLORIDE see: YR8446500
1-AMIDINO-3-(2,6-DIMETHYLPHENYL)-UREA HYDROCHLORIDE see: YR8446600
N-(2-AMIDINOETHYL)-3-AMINOCYCLOPENTANOCARBOXAMIDE see: GY2555000
1-AMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-UREA see: YR8447000
4-(5-AMIDINOFURYL)ACETOPHENONE HYDROCHLORIDE see: AM5350000
p-(3-AMIDINOGUANIDINO)BENZAMIDE MONOHYDROCHLORIDE see: CU8991550
p-(3-AMIDINOGUANIDINO)BENZENESULFONAMIDE MONOHYDROCHLORIDE see: DA9440300
p-(3-AMIDINOGUANIDINO)-N-BUTYLBENZAMIDE MONOHYDROCHLORIDE see: CU8991000
p-(3-AMIDINOGUANIDINO)-N,N-DIALLYLBENZAMIDE MONOHYDROCHLORIDE see: CU8991100
p-(3-AMIDINOGUANIDINO)-N,N-DIBUTYLBENZAMIDE MONOHYDROCHLORIDE see: CU8991120
p-(3-AMIDINOGUANIDINO)-N,N-DIETHYLBENZAMIDE MONOHYDROCHLORIDE see: CU8991140
p-(3-AMIDINOGUANIDINO)-N,N-DIETHYLBENZENESULFONAMIDE MONOHYDROCHLORIDE see: DA9440000
p-(3-AMIDINOGUANIDINO)-N,N-DIETHYLTHIOBENZAMIDE MONOHYDROCHLORIDE see: CU8991160
alpha-(3-AMIDINOGUANIDINO)-N,N-DIETHYL-p-TOLUENESULFONAMIDE MONOHYDROCHLORIDE see: XT5120000
p-(3-AMIDINOGUANIDINO)-N,N-DIISOPROPYLBENZAMIDE MONOHYDROCHLORIDE MONOHYDRATE see: CU8991180
p-(3-AMIDINOGUANIDINO)-N,N-DIMETHYLBENZAMIDE MONOHYDROCHLORIDE see: CU8991200
p-(3-AMIDINOGUANIDINO)-N,N-DIMETHYLBENZENESULFONAMIDE MONOHYDROCHLORIDE see: DA9440100
p-(3-AMIDINOGUANIDINO)-N,N-DIMETHYLTHIOBENZAMIDE MONOHYDROCHLORIDE DIHYDRATE see: CU8991220
alpha-(3-AMIDINOGUANIDINO)-N,N-DIMETHYL-p-TOLUENESULFONAMIDE MONOHYDROCHLORIDE see: XT5122000
p-(3-AMIDINOGUANIDINO)-N-ETHYLBENZAMIDE MONOHYDROCHLORIDE see: CU8991300
p-(3-AMIDINOGUANIDINO)-N-METHYLBENZAMIDE MONOHYDROCHLORIDE see: CU8991520
p-((3-AMIDINOGUANIDINO)METHYL)BENZAMIDE MONOHYDROCHLORIDE see: CU8991500
alpha-(3-AMIDINOGUANIDINO)-p-TOLUENESULFONAMIDE MONOHYDROCHLORIDE see: XT5125000
1-AMIDINOHYDRAZONO-4-THIOSEMICARBAZONO-2,5-CYCLOHEXADIENE see: MF5550000
L-N(sup 6)-AMIDINOLYSINE see: OL5550000
1-AMIDINO-3-(2-METHOXY-6-METHYLPHENYL)-UREA see: YR8447500
1-AMIDINO-3-(2-METHYL-6-NITROPHENYL)-UREA HYDROCHLORIDE see: YR8447600
AMIDINOMYCIN see: GY2555000
4-AMIDINO-1-(NITROSAMINOAMIDINO)-1-TETRAZENE see: XF6900000
N-AMIDINO-4-PHENYL-1-PIPERAZINECARBOXAMIDINE HYDROCHLORIDE see: TL1286100
N-AMIDINOPHOSPHORAMIDIC ACID DIBUTYL ESTER see: TB2639000
N-AMIDINO-1-PIPERIDINECARBOXAMIDINE MONOHYDROCHLORIDE see: TM6113500
4'-(AMIDINOSULFAMOYL)-6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-CARBOXANILIDE see: DJ2260500
N(sup 1)-AMIDINOSULFANILAMIDE see: WO8575000
(2-(AMIDINOTHIO)ETHYL)TRIMETHYLAMMONIUM BROMIDE HYDROBROMIDE see: BO4160000
AMMONIUM, (2-(AMIDINOTHIO)ETHYL)TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE
N-(2-AMIDINOTHIOPROPIONYL)GLYCINE see: MB7634000
N-AMIDINO-4-(o-TOLYL)-1-PIPERAZINECARBOXAMIDINE HYDROCHLORIDE see: TL1286300
N-AMIDINO-4-(p-TOLYL)-1-PIPERAZINECARBOXAMIDINE HYDROCHLORIDE see: TL1286350
AMIDITHION see: TE1575000
AMID KYSELINY STAVELOVE (Czech) see: RO4900000
o-AMIDOAZOTOLUOL (German) see: XU8800000
AMIDOCYANOGEN see: GS5950000
AMIDOFEBRIN see: CD2625000
AMIDOFEN see: CD2625000
AMIDOFOS see: TB3850000 PHOSPHORAMIDIC ACID, METHYL-, 4-tert-BUTYL-2-CHLOROPHENYL METHYLESTER
AMIDO-G-ACID see: QJ6132000
AMIDOL see: SK7600000
AMIDOLINE see: TI5695400
AMIDON see: MJ5950000
AMIDON see: NS1750000
AMIDO NAPHTHOL RED G see: QJ6030000
AMIDO NAPHTHOL RED 2G see: QJ6030000
AMIDO NAPHTHOL RED GA see: QJ6030000
AMIDONE see: MJ5950000
AMIDONE HYDROCHLORIDE see: MJ6300000
AMIDON HYDROCHLORIDE see: MJ6130000
AMIDOPHEN see: CD2625000
AMIDOPHENAZONE see: CD2625000
AMIDOPHOS see: TB3850000 PHOSPHORAMIDIC ACID, METHYL-, 4-tert-BUTYL-2-CHLOROPHENYL METHYLESTER
AMIDOPYRAZOLINE see: CD2625000
AMIDOPYRIN see: CD2625000
AMIDOPYRINE see: CD2625000
AMIDO RED 2G see: QJ6030000
AMIDOSAL see: VN6475000
AMIDOSULFONIC ACID see: WO5950000
AMIDOSULFURIC ACID see: WO5950000
AMIDOTRIZOATE MEGLUMINE see: LZ4315000
AMIDOUREA HYDROCHLORIDE see: VT3500000
AMIDOX see: AG6825000
AMIDOXAL see: WO9100000
AMIDOXIME of 2-METHOXY-6-METHYL-NICOTINIC ACID see: QS5110000
AMIDO YELLOW E see: DB5042500
AMIDO YELLOW EA see: DB5042500
AMIDO YELLOW EA-CF see: DB5042500
AMIDRYL see: KR6825000
AMID-SAL see: VN6475000
AMID-THIN see: QJ0590000
AMID-THIN W see: QJ0590000
AMIFENATSOL HYDROCHLORIDE see: XJ4025000
AMIFENAZOL see: XJ4020000
AMIFUR see: LT7700000
AMIGRIN see: VO0780000
AMIKACIN see: WK1955000
AMIKACIN SULFATE see: WK1961200
AMIKAPRON see: GU8400000
AMIKAR see: MO6300000
AMIKAZOL see: DL3580000
AMIKHELLIN HYDROCHLORIDE see: LV1030000
AMIKIN see: WK1961200
AMIKLIN see: WK1961200
AMIKOL 65 see: YU1610000
AMILAN see: RF5250000
AMILAN CM 1001 see: TQ9800000
AMILAN CM 1011 see: TQ9800000
AMILAN CM 1031 see: TQ9800000
AMILAN CM 1001C see: TQ9800000
AMILAN CM 1001G see: TQ9800000
AMILAR see: TR2725000
4-i,AMIL-1,2-DIFENIL-3,5-DICHETO-PIRAZOLIDINA (Italian) see: UQ8515500
AMILPHENOL see: SM6825000
AMINACRIN see: AR7300000
AMINACRINE see: AR7300000
AMINACRINE HYDROCHLORIDE see: AR7350000
AMINACYL see: VO1470000
AMINARSON see: CF9275000
AMINARSONE see: CF9275000
AMINASINE see: SN8925000
AMINATE BASE see: ME8225000
AMINAZIN see: SN8925000
AMINAZINE see: SN8925000
AMINAZIN MONOHYDROCHLORIDE see: SO1750000
AMINE 220 see: NJ2800000

BF2810000 AMINE METHANEARSONATES
DEF Composed 8% DODECYLAMMONIUM METHANEARSONATE and 8% OCTYLAMMONIUM METHANEARSONATE(FMCHA2 -,C13,83)
UPDT-8309
SYN: AMA * SUPER CRAB-E-RAD * SUPER DAL-E-RAD * SUPER METHAR
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:600 mg/kg FMCHA2 -,C13,83

(+-)-2(α)-AMINE-3(α)-PHENYL-trans-DECALIN METHANESULFONATE see: QJ0352900
NAPHTHALEN-2-equatorial-AMINE, DECAHYDRO-3-equatorial-PHENYL-, METHANESULFONATE, (+-)-
9-AMINE-1,2,3,4-TETRAHYDROACRIDINE HYDROCHLORIDE HYDRATE see: AR9532200
AMINE 2,4,5-T for RICE see: AJ8400000
AMINIC ACID see: LQ4900000
AMINICOTIN see: QS3675000
AMINITROZOL see: XJ1570000
AMINITROZOLE see: XJ1570000
5-AMINOACENAPHTHENE see: AB0900000
5-AMINO-1-ACENAPHTHENOL see: AB1067000
5-AMINO-1-ACENAPHTHENONE see: AB1071000
2-AMINO-4-ACETAMINIFENETOL (Czech) see: AD8575000
4'-AMINOACETANILID (Czech) see: AD8225000
p-AMINOACETANILIDE see: AD8225000
4-AMINOACETANILIDE see: AD8225000
4'-AMINOACETANILIDE see: AD8225000
3-AMINOACETANILIDE-4-SULFONIC ACID see: AE7050000
AMINOACETIC ACID see: MB7600000
AMINOACETONITRILE BISULFATE see: AL7800000
AMINOACETONITRILE BISULFATE see: MC2100000
AMINOACETONITRILE HYDROCHLORIDE see: MC1950000
AMINOACETONITRILE HYDROGEN SULFATE see: AL7800000
AMINOACETONITRILE HYDROSULFATE see: AL7800000
AMINOACETONITRILE SULFATE see: MC2100000
beta-AMINOACETOPHENONE see: AM5800000
m-AMINOACETOPHENONE see: AM5800000
omega-AMINOACETOPHENONE see: AM5775000

2-AMINOACETOPHENONE see: AM5775000
3'-AMINOACETOPHENONE see: AM5800000
2-AMINO-4-ACETYLAMINOTOLUENE see: AD8580000
***m*-AMINOACETYLBENZENE** see: AM58u0000
2-AMINOACRIDINE (European) see: AR7250000
3-AMINOACRIDINE see: AR7250000
5-AMINOACRIDINE see: AR7300000
9-AMINOACRIDINE see: AR7300000
AMINOACRIDINE HYDROCHLORIDE see: AR7350000
5-AMINOACRIDINE HYDROCHLORIDE see: AR7350000
9-AMINOACRIDINE HYDROCHLORIDE see: AR7350000
9-AMINOACRIDINE MONOHYDROCHLORIDE see: AR7350000
4'-(2-AMINO-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0506800
4'-((3-AMINO-9-ACRIDINYL)AMINO)METHANESULFONANILIDE see: PB0506820
4'-(4-AMINO-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0506840
7-AMINOACTINOMYCIN D see: AU1080000
1-AMINOADAMANTANE see: YD1925000
AMINOADAMANTANE HYDROCHLORIDE see: AU4375000
1-AMINOADAMANTENE HYDROCHLORIDE see: AU4375000
1-AMINOADAMATANE see: YD1925000
2-AMINOAETHANOL (German) see: KJ5775000
beta-AMINOAETHYLISOTHIURONIUM-CHLORID-HYDROCHLORID (German) see: UM0190000
beta-AMINOAETHYL-ISOTHIURONIUM DIHYDROBROMID (German) see: UM0175000
beta-AMINOAETHYL-MORPHOLIN (German) see: QD7350000
m-AMINOALINE see: SS7700000
3-alpha-AMINOALLOPREGNAN-20-OL see: TU4200000
4-AMINO-6-((2-AMINO-1,6-DIMETHYL-4-PYRIMIDINYL)AMINO)-1,2-DIMETHYLQUINOLINE DICHLORIDE see: VC3505000
4-AMINO-6-((2-AMINO-1,6-DI-METHYLPYRIMIDIUM-4-YL)AMINO)-1,2-DIMETHYLQUINOLINIUM DICHLORIDE see: VC3505000
4-AMINO-6-(2-AMINO-1,6-DIMETHYLPYRIMIDIUM-4-YLAMINO)-1,2-DIMETHYLQUINOLINIUM DIMETHOSULFATE see: VC3510000
4-AMINO-N-(AMINOIMINOMETHYL)BENZENESULFONAMIDE see: WO8575000
3-AMINO-N-(3-AMINO-3-IMINOPROPYL)CYCLOPENTANECARBOXAMIDE see: GY2555000
4-AMINO-6-((2-AMINO-6-METHYL-4-PYRIMIDINYL)AMINO)-2-METHYLQUINALDINIUM METHOCHLORIDE see: VC3505000
4-AMINO-6-(2-AMINO-6-METHYL-4-PYRIMIDYLAMINO)-2-METHYLQUINALDINE-1,1'-DIMETHOCHLORIDE see: VC3505000
1-AMINO-3-AMINOMETHYL-3,5,5-TRIMETHYL CYCLOHEXANOL see: GV8400000
p-AMINOANILINE see: SS8050000
2-AMINOANILINE see: SS7875000
3-AMINOANILINE see: SS7700000
4-AMINOANILINE see: SS8050000
m-AMINOANILINE DIHYDROCHLORIDE see: SS9800000
p-AMINOANILINE DIHYDROCHLORIDE see: ST0350000
3-AMINOANILINE DIHYDROCHLORIDE see: SS9800000
4-AMINOANILINE DIHYDROCHLORIDE see: ST0350000
9-(o-AMINOANILINO)ACRIDINE see: AR7307100
1-((2-(m-AMINOANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE see: UA5778000
N-AMINO-2-ANILINO-3-PYRIDINECARBOXIMIDAMIDE see: US4675390
o-AMINOANISOLE see: BZ5410000
p-AMINOANISOLE see: BZ5450000
2-AMINOANISOLE see: BZ5410000
4-AMINOANISOLE see: BZ5450000
o-AMINOANISOLE HYDROCHLORIDE see: BZ6500000
p-AMINOANISOLE HYDROCHLORIDE see: BZ6600000
2-AMINOANISOLE HYDROCHLORIDE see: BZ6500000
4-AMINOANISOLE HYDROCHLORIDE see: BZ6600000
alpha-AMINOANTHRACENE see: CA9100000
beta-AMINOANTHRACENE see: CA9275000
1-AMINOANTHRACENE see: CA9100000
2-AMINOANTHRACENE see: CA9275000
5-AMINOANTHRACENE see: CB2279000
9-AMINOANTHRACENE see: CB2279000
1-AMINO-9,10-ANTHRACENEDIONE see: CB5075000
2-AMINO-9,10-ANTHRACENEDIONE see: CB5120000
1-AMINOANTHRACHINON (Czech) see: CB5075000
AMINOANTHRAQUINONE see: CB5120000
alpha-AMINOANTHRAQUINONE see: CB5075000
beta-AMINOANTHRAQUINONE see: CB5120000
1-AMINOANTHRAQUINONE see: CB5075000
1-AMINO-9,10-ANTHRAQUINONE see: CB5075000
2-AMINOANTHRAQUINONE see: CB5120000
2-AMINO-9,10-ANTHRAQUINONE see: CB5120000
4-AMINOANTIPYRENE see: CD2480000
AMINOANTIPYRIN see: CD2480000
AMINOANTIPYRINE see: CD2480000
4-AMINOANTIPYRINE see: CD2480000
AMINOANTIPYRINE mixed with SODIUM NITRITE see: CD2483000
4-AMINOANTIPYRINE mixed with SODIUM NITRITE see: CD2483000
4-AMINO-1-ARABINOFURANOSYL-2-OXO-1,2-DIHYDROPYRIMIDINE see: HA5425000
4-AMINO-7-beta-D-ARABINOFURANOSYL-7H-PYRROLO(3,2-d)PYRIMIDINE see: UY8860000
4-AMINO-1-beta-D-ARABINOFURANOSYL-s-TRIAZIN-3(2H)-ONE see: XZ2854400
2-AMINO-4-ARSENOSOPHENOL HYDROCHLORIDE see: SJ5600000
AMINOARSON see: CF9275000
4-AMINO-N-(2-(3-AZABICYCLO(3.2.2)NON-3-YL)ETHYL)-2,6-DIMETHYLBENZAMIDE see: CU8999000
3-AMINO-8-AZIDO-5-ETHYL-6-PHENYLPHENANTHRIDINIUM BROMIDE see: SF7942000
3(or 8)-AMINO-8(or 3)-AZIDO-5-ETHYL-6-PHENYL PHENANTHRIDINIUM CHLORIDE see: SF7942100
AMINOAZOBENZENE see: BY8225000
AMINOAZOBENZENE (indicator) see: BY8225000
p-AMINOAZOBENZENE see: BY8225000
4-AMINOAZOBENZENE see: BY8225000
4-AMINO-1,1'-AZOBENZENE see: BY8225000
p-AMINOAZOBENZOL see: BY8225000
4-AMINOAZOBENZOL see: BY8225000
AMINOAZOPHENAZONE see: CD2480000
AMINOAZOTOLUENE see: XU8800000
AMINOAZOTOLUENE (indicator) see: XU8800000
o-AMINOAZOTOLUENE see: XU8800000 o-TOLUIDINE, 4-(o-TOLYLAZO)-
2-AMINO-5-AZOTOLUENE see: XU8800000
2'-AMINO-2 ;5'-AZOTOLUENE see: XU9100000
4-AMINO-2':3-AZOTOLUENE see: XU8400000
4'-AMINO-2:3'-AZOTOLUENE see: XU8800000
4'-AMINO-2,3'-AZOTOLUENE see: XU8800000
4'-AMINO-3-2'-AZOTOLUENE see: XU8400000
4'-AMINO-4-2'-AZOTOLUENE see: XU8575000
4'-AMINO-4-3'-AZOTOLUENE see: XU8925000
o-AMINOAZOTOLUENO (Spanish) see: XU8800000
o-AMINOAZOTOLUOL see: XU8800000
10-AMINOBENZ(a)ACRIDINE see: CU3010000
m-AMINOBENZAL rLUORIDE see: XU9180000
m-AMINOBENZAMIDE see: CU8992000
3-AMINOBENZAMIDE see: CU8992000
p-AMINOBENZAMIDINE see: CV6125600
4-AMINOBENZAMIDINE see: CV6125600
5-(p-AMINOBENZAMIDO)-4-(2-BUTOXYETHYL)-3-METHYLISOXAZOLE see: NY2105000 ISOXAZOLE, 5-(p-AMINOBENZAMIDO)-4-(2-BUTOXYETHYL)-3-METHYL-
5-(p-AMINOBENZAMIDO)-4-(2-METHOXYETHYL)-3-METHYLISOXAZOLE see: NY2106000 ISOXAZOLE, 5-(p-AMINOBENZAMIDO)-4-(2-METHOXYETHYL)-3-METHYL-
5-AMINO-1,2-BENZANTHRACENE see: CV9000000
10-AMINO-1,2-BENZANTHRACENE see: CV8990000
AMINOBENZENE see: BW6650000
4-AMINOBENZENEACETIC ACID see: AF3550000
(±)-alpha-AMINOBENZENEACETIC ACID 3-METHYLBUTYL ESTER HYDROCHLORIDE see: MC0840000
P-AMINOBENZENEARSONIC ACID see: CF7875000
4-AMINOBENZENEARSONIC ACID see: CF7875000
p-AMINOBENZENEAZODIMETHYLANILINE see: BX5020000
m-AMINOBENZENEPHOSPHONIC ACID see: SZ6561100
3-AMINOBENZENEPHOSPHONIC ACID see: SZ6561100
2-AMINOBENZENEPHOSPHONIC ACID see: SZ6561200
(S)-alpha-AMINOBENZENEPROPANOIC ACID see: AY7535000
p-AMINOBENZENESTIBONIC ACID see: CJ1330000
4-AMINOBENZENESTIBONIC ACID see: CJ1330000
p-AMINOBENZENESULFAMIDE see: WO8400000
3-(p-AMINOBENZENESULFAMIDO)-6-METHOXYPYRIDAZINE see: WP0400000
2-(p-AMINOBENZENESULFANAMIDE)-3-METHOXYPYRAZINE see: WP0175000
p-AMINOBENZENESULFONACETAMIDE see: AC8450000
p-AMINOBENZENESULFONAMIDE see: WO8400000
4-AMINOBENZENESULFONAMIDE see: WO8400000
6-(4-AMINOBENZENESULFONAMIDO)-4,5-DIMETHOXYPYRIMIDINE see: DA9500000
5-(p-AMINOBENZENESULFONAMIDO)-3,4-DIMETHYLISOXAZOLE see: WO9100000
2-(p-AMINOBENZENESULFONAMIDO)-4,5-DIMETHYLOXAZOLE see: WO9150000
2-(p-AMINOBENZENESULFONAMIDO)-4,6-DIMETHYLPYRIMIDINE see: WO9275000
6-(p-AMINOBENZENESULFONAMIDO)-2,4-DIMETHYLPYRIMIDINE see: WO9270000
6-(4-AMINOBENZENESULFONAMIDO)-2,4-DIMETHYLPYRIMIDINE see: WO9270000
2-(p-AMINOBENZENESULFONAMIDO)-3-METHOXYPYRAZINE see: WP0175000
2-(p-AMINOBENZENESULFONAMIDO)-5-METHOXYPYRIMIDINE SODIUM SALT see: WP0600000
3-(p-AMINOBENZENESULFONAMIDO)-2-PHENYLPYRAZOLE see: DA9520000
2-p-AMINOBENZENESULFONAMIDOQUINOXALINE see: WP2100000
2-(p-AMINOBENZENESULFONAMIDO)THIAZOLE see: WP2360000
p-AMINOBENZENESULFONYL-2-AMINO-4,5-DIMETHYLOXAZOLE see: WO9150000
6-(p-AMINOBENZENESULFONYL)AMINO-2,4-DIMETHYLPYRIMIDINE see: WO9270000
p-AMINOBENZENESULFONYLAMINOMETHANESULFONIC ACID TRIETHANOLAMINE SALT see: PB2690000
N-(4-AMINOBENZENESULFONYL)-N'-BUTYLUREA see: YS4200000
N-(p-AMINOBENZENESULFONYL)-N-DEACETYLCOLCHICINE see: GH0708000
p-AMINOBENZENESULFONYLGUANIDINE see: WO8575000
5-(p-AMINOBENZENESULPHONAMIDE)-3,4-DIMETHYLISOXAZOLE see: WO9100000
2-p-AMINOBENZENESULPHONAMIDO-4,6-DIMETHOXYPYRIMIDINE see: DA9495000
5-(p-AMINOBENZENESULPHONAMIDO)-3,4-DIMETHYLISOXAZOLE see: WO9100000
3-p-AMINOBENZENESULPHONAMIDO-6-METHOXYPYRIDAZINE see: WP0400000
2-p-AMINOBENZENESULPHONAMIDOQUINOXALINE see: WP2100000
2-(p-AMINOBENZENESULPHONAMIDO)THIAZOLE see: WP2360000
N-p-AMINOBENZENESULPHONYLGUANIDINE MONOHYDRATE see: WO8575000
AMINOBENZOIC ACID see: DG1400000
gamma-AMINOBENZOIC ACID see: DG1400000
m-AMINOBENZOIC ACID see: DG1225000
o-AMINOBENZOIC ACID see: CB2450000
p-AMINOBENZOIC ACID see: DG1400000
2-AMINOBENZOIC ACID see: CB2450000
3-AMINOBENZOIC ACID see: DG1225000
4-AMINOBENZOIC ACID see: DG1400000
p-AMINOBENZOIC ACID BUTYL ESTER see: DG1530000
p-AMINOBENZOIC ACID DIETHYLAMINE SALT see: DG1950000
p-AMINOBENZOIC ACID 2-DIETHYLAMINOETHYL ESTER see: DG2100000
4-AMINOBENZOIC ACID DIETHYLAMINOETHYL ESTER see: DG2100000
p-AMINOBENZOIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE see: DG2275000
4-AMINOBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG2275000
p-AMINOBENZOIC ACID-N-1-DIETHYLAMINO-1-ISOBUTYLETHANOL METHANESULFONATE see: SA6475000
p-AMINOBENZOIC ACID beta-DIETHYLAMINOISOHEXYL ESTER METHANESULFONATE see: SA6475000
p-AMINOBENZOIC ACID, 5-(DIETHYLAMINO)-2-PENTYL ESTER, HYDROCHLORIDE see: DG2295000
p-AMINOBENZOIC ACID N,N-DIETHYLLEUCINOL ESTER METHANESULFONATE see: SA6475000
p-AMINOBENZOIC ACID 3-(DIMETHYLAMINO)-1,2-DIMETHYLPROPYL ESTER HYDROCHLORIDE see: EL2625000
p-AMINOBENZOIC ACID ESTER of 2-ISOBUTYLAMINOETHANOL HYDROCHLORIC ACID SALT see: KL4375000
4-AMINOBENZOIC ACID compd. with N-ETHYLETHANAMINE see: DG1950000
p-AMINOBENZOIC ACID 2-(ISOBUTYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG2805000
o-AMINOBENZOIC ACID METHYL ESTER see: CB3325000
2-AMINOBENZOIC ACID METHYL ESTER see: CB3325000
2-AMINOBENZOIC ACID 3-PHENYL-2-PROPENYL ESTER see: CB2725000
p-AMINOBENZOIC DIETHYLAMINOETHYLAMIDE see: CV2275000
m-AMINOBENZOYLCHOLINE IODIDE see: GA4300000
p-AMINOBENZOYLCHOLINE CHLORIDE see: GA0800000
2-(p-AMINOBENZOLSULFONAMIDO)-4,5-DIMETHYLOXAZOL (German) see: WO9150000
6-(4'-AMINOBENZOL-SULFONAMIDO)-2,4-DIMETHYLPYRIMIDIN (German) see: WO9275000
(p-AMINOBENZOLSULFONYL)-2-AMINO-4,6-DIMETHYLPYRIMIDIN (German) see: WO9275000
(p-AMINOBENZOLSULFONYL)-4-AMINO-2,6-DIMETHYLPYRIMIDIN (German) see: WO9270000
(p-AMINOBENZOLSULFONYL)-4-AMINO-2-METHYL-6-METHOXY-PYRIMIDIN (German) see: WP0110000
(p-AMINOBENZOLSULFONYL)-2-AMINO-4-METHYLPYRIMIDIN (German) see: WP0750000
4-AMINO-BENZOLSULFONYL-METHYLCARBAMAT (German) see: FD1190000
m-AMINOBENZONITRILE see: DI2454000
p-AMINOBENZONITRILE see: BX2320000
3-AMINOBENZONITRILE see: DI2454000
4-AMINOBENZONITRILE see: BX2320000
4-AMINOBENZO(a)PYRENE see: DJ3500400
6-AMINOBENZO(a)PYRENE see: DJ3500600
11-AMINOBENZO(a)PYRENE see: DJ3501000
12-AMINOBENZO(a)PYRENE see: DJ3501500
2-AMINOBENZO(h)QUINOLINE see: DK1438000
m-AMINOBENZOTRIFLUORIDE see: XU9180000
o-AMINOBENZOTRIFLUORIDE see: XU9210000
p-AMINOBENZOTRIFLUORIDE see: XU9260000

BEST COPY AVAILABLE

3-AMINOBENZOTRIFLUORIDE see: XU9180000
3-(p-AMINOBENZOXY)-1-DI-n-BUTYLAMINOPROPANE see: UB0875000
3-(p-AMINOBENZOXY)-1-DI-N-BUTYLAMINOPROPANE SULFATE see: UB1050000
p-AMINOBENZOYLDIBUTYLAMINOPROPANOL see: UB0875000
p-AMINOBENZOYLDIBUTYLAMINOPROPANOL SULFATE see: UB1050000
p-AMINOBENZOYLDIETHYLAMINOETHANOL see: DG2100000
p-AMINOBENZOYLDIETHYLAMINOETHANOL HYDROCHLORIDE see: DG2275000
o-AMINOBENZOYL DI(ISOPROPYLAMINO)ETHANOL, HYDROCHLORIDE see: TN3325000
p-AMINOBENZOYLDIMETHYLAMINO-1,2-DIMETHYLPROPANOL HYDROCHLORIDE see: EL2625000
o-AMINOBENZOYLFORMIC ANHYDRIDE see: NL7873000
trans-1-(p-AMINOBENZOYLOXY)-2-DIMETHYLAMINO-1,2,3,4-TETRAHYDRONAPHTHALENE HYDROCHLORIDE see: QL5390000
(4-((4-AMINOBENZOYL)OXY)-1-METHYL-4-PIPERIDINYL)PHENYLMETHANONE conjugate monoacid see: PC4933000 METHANONE, (4-((4-AMINOBENZOYL)OXY)-1-METHYL-4-PIPERIDINYL)PHENYL-, conjugatemonoacid
3-(p-AMINO-BENZOYLOXY)PROPYLGUANIDINE HYDROCHLORIDE see: MF3620550
4-(4-AMINOBENZYL)ANILINE see: BY5425000
2-AMINO-N-(2-(BENZYLETHYLAMINO)ETHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7700200
2-AMINO-6-BENZYLMERCAPTOPURINE see: UO7501000
4-AMINO-N-BENZYL-3-METHYLPYRAZOLE-5-CARBOXAMIDE see: UQ6260200
2-AMINO-6-BENZYL-MP see: UO7501000
AMINOBENZYLPENICILLIN see: XH8350000
D-(-)-alpha-AMINOBENZYLPENICILLIN see: XH8350000
D(-)-alpha-AMINOBENZYLPENICILLIN SODIUM SALT see: XH8400000
AMINOBENZYLPENICILLIN TRIHYDRATE see: XH8425000
alpha-AMINOBENZYLPENICILLIN TRIHYDRATE see: XH8425000
2-AMINO-N-(1-BENZYL-3-PIPERIDYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7700400
2-AMINO-N-(1-BENZYL-4-PIPERIDYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7700600
2-AMINO-N-(1-BENZYL-3-PYRROLIDINYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE OXALATE see: UV7700700
2-AMINO-N-((1-BENZYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7700800
2-AMINO-6-BENZYL-4,5,6,7-TETRAHYDROTHIENO(2,3-c)PYRIDINE-3-CARBOXYLIC ACID ETHYL ESTER see: XJ9088300
2-AMINO-6-(BENZYLTHIO)PURINE see: UO7501000
m-AMINOBIPHENYL see: DU8900000
o-AMINOBIPHENYL see: DU8850000
p-AMINOBIPHENYL see: DU8925000
2-AMINOBIPHENYL see: DU8850000
3-AMINOBIPHENYL see: DU8900000
4-AMINOBIPHENYL see: DU8925000
4-AMINOBIPHENYL ETHER see: BY7930000
4-AMINO-3-BIPHENYLOL see: DV5950000
4-AMINO-3-BIPHENYLOL see: DV6170000
4'-AMINO-4-BIPHENYLOL see: DV6125000
3-AMINO-4-BIPHENYLOL HYDROCHLORIDE see: DV6150000
5-AMINO(3,4'-BIPYRIDIN)-6-(1H)-ONE see: DW2500000
5-AMINO-1-BIS(DIMETHYLAMIDE)PHOSPHORYL-3-PHENYL-1,2,4-TRIAZOLE see: TA1400000
5-AMINO-1-BIS(DIMETHYLAMIDO)PHOSPHORYL-3-PHENYL-1,2,4-TRIAZOLE see: TA1400000
5-AMINO-1-(BIS(DIMETHYLAMINO)PHOSPHINYL)-3-PHENYL-1,2,4-TRIAZOLE see: TA1400000
5-AMINO-4,6-BIS-ETHYLENEIMINO-2-PHENYLPYRIMIDINE see: UV6328700
AMINOBIS(PROPYLAMINE) see: JL9450000
9-AMINO-7-BROMO-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE see: GY5899100
1-AMINO-3-BROMOPROPANE HYDROBROMIDE see: UH9925000
2-AMINO-5-BROMOTHIAZOLE see: XJ2280000
1-AMINO-BUTAAN (Dutch) see: EO2975000
1-AMINOBUTAN (German) see: EO2975000
1-AMINOBUTANE see: EO2975000
2-AMINOBUTANE see: EO3325000
2-AMINOBUTANE BASE see: EO3325000
4-AMINOBUTANOIC ACID see: ES6300000
2-AMINOBUTAN-1-OL see: EK9625000
2-AMINO-1-BUTANOL see: EK9625000
4-AMINO-2-n-BUTOXY-BENZOESAEURE-DIAETHYLAMINOAETHYLESTER (German) see: DG1501000
4-AMINO-2-BUTOXY-BENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG1502700
3-AMINO-4-BUTOXYBENZOIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG1502990
4-AMINO-2-BUTOXYBENZOIC ACID 2-ETHYLAMINOETHYL ESTER see: DG1501000
4-AMINO-2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)BENZAMIDE HYDROCHLORIDE see: CU9057000
4-AMINO-2-BUTOXYTHIOBENZOIC ACID 5-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE see: DG1506000
4-AMINO-2-BUTOXYTHIOBENZOIC ACID 2-(2-METHYLPIPERIDINO)ETHYL ESTER HYDROCHLORIDE see: DG1506500
4-AMINO-2-BUTOXYTHIOBENZOIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE see: DG1506600
2-AMINO-n-BUTYL ALCOHOL see: EK9625000
4-AMINO-N-((BUTYLAMINO)CARBONYL)BENZENESULFONAMIDE see: YS4200000 UREA, 1-BUTYL-3-SULFANILYL-
p-AMINO-alpha-((sec-BUTYLAMINO)METHYL)BENZYL ALCOHOL see: DN3170000
4-AMINO-alpha-((tert-BUTYLAMINO)METHYL)-3,5-DICHLOROBENZYL ALCOHOL HYDROCHLORIDE see: DN3180000
4-AMINO-alpha-((tert-BUTYLAMINO)METHYL)-3,5-DICHLOROBENZYLALKOHOL-HYDROCHLORID (German) see: DN3180000
N1-(3-((4-AMINOBUTYL)AMINO)PROPYL)BLEOMYCINAMIDE see: EC5990500
3-(2-AMINOBUTYL)-2-(p-BROMOPHENYL)INDOLE see: NL3792000
4-AMINO-5-BUTYL-6-CHLORO-2-METHYLPYRIMIDINE see: UV6329200
3-(2-AMINOBUTYL)-2-(p-CHLOROPHENYL)INDOLE see: NL3830000
5-AMINO-N-BUTYL-4-CHLORO-2-(2-PROPYNYLOXY)BENZAMIDE see: CU9058000
3-(2-AMINOBUTYL)-2-(p-METHOXYPHENYL)INDOLE see: NL3845000
6-AMINO-5-BUTYL-2-METHYL-4-PYRIMIDINOL see: UW5994000
4-AMINO-6-tert-BUTYL-3-(METHYLTHIO)-1,2,4-TRIAZIN-5-ON see: XZ2990000
4-AMINO-6-tert-BUTYL-3-METHYLTHIO-as-TRIAZIN-5-ONE see: XZ2990000
3-(2-AMINOBUTYL)-2-PHENYLINDOLE see: NL3880000
5-AMINO-N-BUTYL-2-PROPARGYLOXYBENZAMIDE see: CU9060000
5-AMINO-N-BUTYL-2-(2-PROPYNYLOXY)BENZAMIDE see: CU9060000
5-AMINO-N-tert-BUTYL-2-(2-PROPYNYLOXY)BENZAMIDE see: CU9060010
6-AMINO-5-BUTYL-4-PYRIMIDINOL see: UW5993000
2-AMINO-N-((1-BUTYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7701200
gamma-AMINOBUTYRIC ACID see: ES6300000
gamma-AMINO-n-BUTYRIC ACID see: ES6300000
4-AMINOBUTYRIC ACID see: ES6300000
gamma-AMINOBUTYRIC ACID LACTAM see: UY5715000
4-AMINOBUTYRIC ACID LACTAM see: UY5715000
4-AMINOBUTYRIC ACID METHYL ESTER HYDROCHLORIDE see: ES7065000
gamma-AMINOBUTYRIC LACTAM see: UY5715000
gamma-AMINOBUTYROLACTAM see: UY5715000
N-(DL-4-AMINOBUTYRYL)AMPHOTERICIN B 2-PROPYNYL ESTER see: BU2643000
AMINOCAINE see: DG2275000
AMINOCAPROIC ACID see: MO6300000
alpha-AMINOCAPROIC ACID see: RC6308000
epsilon-AMINOCAPROIC ACID see: MO6300000
omega-AMINOCAPROIC ACID see: MO6300000
2-AMINOCAPROIC ACID see: RC6308000
6-AMINOCAPROIC ACID see: MO6300000
AMINOCAPROIC LACTAM see: CM3675000
AMINOCARB see: FC0175000
(1-AMINO-2-CARBAMOYLETHYLIDENE)DIPHOSPHONIC ACID DIHYDRATE see: SZ6500000
4-AMINO-5-CARBAMYL-3-BENZYLTHIAZOLE-2(3H)-THIONE see: XJ7010300
AMINOCARBE (French) see: FC0175000
AMINO-alpha-CARBOLINE see: UU9351600
2-AMINO-alpha-CARBOLINE see: UU9351600
(3-((AMINOCARBONYL)AMINO)-2-METHOXYPROPYL)CHLOROMERCURY see: OW1050000
(4-((AMINOCARBONYL)AMINO)PHENYL)ARSONIC ACID see: CF9275000
N-(AMINOCARBONYL)BENZENEACETAMIDE see: YU0875000
N-(AMINOCARBONYL)-2-BROMO-2-ETHYLBUTANAMIDE see: YS2975000 UREA, (2-BROMO-ETHYLBUTYRYL)-
N-(AMINOCARBONYL)-2-BROMO-3-METHYLBUTANAMIDE see: YS3150000
3-(AMINOCARBONYL)-O(sup 4)-DEACETYL-3-DE(METHOXYCARBONYL)VINCALEUKOBLASTINE see: YY8080000
(Z)-N-(AMINOCARBONYL)-2-ETHYL-2-BUTENAMIDE see: YT2800000
gamma-(AMINOCARBONYL)-N-ETHYL-N,N-DIMETHYL-gamma-PHENYLBENZENEPROPANAMINIUM BROMIDE see: BP0694200
S-((((AMINOCARBONYL)METHYLAMINO)CARBONYL)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TD8270000
N-(AMINOCARBONYL)-2-(1-METHYLETHYL)-4-PENTENAMIDE see: YT5775000
S-(((2-((AMINOCARBONYL)OXY)ETHYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: FB3950000
2-((AMINOCARBONYL)OXY)-N,N,N-TRIMETHYLETHANAMINIUM CHLORIDE see: GA0875000
5-(2-((AMINOCARBONYL)OXY)ETHYL)-5-BUTYL-2,4,5(1H,3H,5H)-PYRIMIDINETRIONE see: CQ2311000
(((4-(AMINOCARBONYL)PHENYL)ARSINIDINE)BIS(THIO))BIACETIC ACID see: AI6199900
(((4-(AMINOCARBONYL)PYRIDINO)METHOXY)METHYL)-2-((HYDROXYIMINO)METHYL)PYRIDINIUM DICHLORIDE see: UU2990000
3-AMINOCARBORANE see: HS9280000
1-AMINO-2-CARBOXYBENZENE see: CB2450000
1-AMINO-4-CARBOXYBENZENE see: DG1400000
2-(2-AMINO-2-CARBOXYETHYLTHIO)TRYPTOPHAN mixed with SODIUM NITRITE see: YN6480000
2-AMINO-4-CARBOXYMETHYLTHIO-BUTTERSAURE (German) see: MT0250000
DL-2-AMINO-4-CARBOXYMETHYLTHIOBUTYRIC ACID see: MT0250000
3-AMINO-N-(alpha-CARBOXYPHENETHYL)SUCCINAMIC ACID N-METHYL ESTER, stereoisomer see: WM3407000
AMINOCARDOL see: XH5600000
3-AMINO-4-p-CHLORAL-PHENYL-PYRAZOLE see: AM5965100
L-N-(5-AMINO-1-(CHLOROACETYL)PENTYL)-p-TOLUENESULFONAMIDE HYDROCHLORIDE see: XT5160000
2-AMINO-4-CHLOROANILINE see: SS8850000
m-AMINOCHLOROBENZENE see: BX0350000
1-AMINO-2-CHLOROBENZENE see: BX0525000
1-AMINO-3-CHLOROBENZENE see: BX0350000
1-AMINO-4-CHLOROBENZENE see: BX0700000
4-AMINO-2-CHLOROBENZOIC ACID 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER conjugate monoacid see: DG1575050 BENZOIC ACID, 4-AMINO-2-CHLORO-, 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER,conjugate monoacid
2-AMINO-5-CHLOROBENZOXAZOLE see: DM4550000
2-AMINO-p-CHLOROBENZYLIDENE-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID METHYL ESTER see: XJ1798000
4-AMINO-5-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-o-ANISAMIDE DIHYDROCHLORIDE MONOHYDRATE see: BZ3320000
6-AMINO-7-CHLORO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)QUINOLINE DIPHOSPHATE see: VA9629500
4-AMINO-5-CHLORO-N-(4-(DIETHYLAMINO)-1-METHYLBUTYL)-2-METHOXY-BENZENESULFONAMIDE HCl see: DA9465200
4-AMINO-5-CHLORO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-BENZENESULFONAMIDE HYDROCHLORIDE see: DA9465270
4-AMINO-5-CHLORO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-N-METHYL-BENZENESULFONAMIDE HCl see: DA9465250
9-AMINO-5-CHLORO-2,3 DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE see: GY5899200
5-AMINO-4-CHLORO-2,3-DIHYDRO-3-OXO-2-PHENYLPYRIDAZINE see: UR6125000
2-AMINOETHANOL compd. with 6-CYCLOHEXYL-1-HYDROXY-4-METHYL-2(1H)-PYRIDINONE (1:1) see: UU7785500
4-AMINO-5-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)-2-METHOXY-BENZENESULFONAMIDE HYDROCHLORIDE see: DA9465350
4-AMINO-5-CHLORO-N-(3-(DIMETHYLAMINO)PROPYL)-2-METHOXY-BENZENESULFONAMIDE HYDROCHLORIDE see: DA9465400
4-AMINO-6-CHLORO-2,5-DIMETHYLPYRIMIDINE see: UV6329550
6-AMINO-2-(2-CHLOROETHYL)-2,3-DIHYDRO-4H-1,3-BENZOXAZIN-4-ONE HYDROCHLORIDE see: DM3678900
2-AMINO-4-CHLORO-6-ETHYLPHENOL see: SJ5730000
5-AMINO-4-CHLORO-N-ETHYL-2-(2-PROPYNYLOXY)BENZAMIDE see: CU9370000
4-AMINO-3-CHLOROFENYLOMETHYLOSULFON (Polish) see: BX1399000
4-AMINO-6-CHLORO-5-HEXYL-2-METHYLPYRIMIDINE see: UV6329560
4-AMINO-5-CHLORO-2-METHOXY-N-(1-BENZYL-4-PIPERIDYL)BENZAMIDE MALATE see: CU9390000
4-AMINO-5-CHLORO-2-METHOXY-N-(2-(1-PIPERIDINYL)ETHYL)-BENZENESULFONAMIDE HYDROCHLORIDE see: DA9465600
4-AMINO-5-CHLORO-2-METHOXY-N-(3-(1-PIPERIDINYL)PROPYL)-BENZENESULFONAMIDE HYDROCHLORIDE see: DA9465650
4-AMINO-5-CHLORO-2-METHOXY-N-(4-PIPERIDYL)BENZAMIDE see: CU9395000
1-AMINO-3-CHLORO-4-METHYLBENZENE see: XU5111000
1-AMINO-3-CHLORO-6-METHYLBENZENE see: XU5075000
4-AMINO-6-CHLORO-2-METHYL-5-PENTYLPYRIMIDINE see: UV6329900
4-AMINO-6-CHLORO-2-METHYL-5-PROPYLPYRIMIDINE see: UV6340000
2-AMINO-4-CHLORO-8-METHYL-1,3,9-TRIAZAPHENOTHIAZINE see: UV1173050
2-AMINO-3-CHLORO-1,4-NAPHTHOQUINONE see: QL7350000
1-AMINO-2-CHLORO-4-NITROBENZENE see: BX1400000
4-AMINO-6-CHLORO-2-METHYL-6-OCTYLPYRIMIDINE see: UV6329800
2-AMINO-4-CHLOROPHENOL (DOT) see: SJ5700000
gamma-AMINO-beta-(p-CHLOROPHENYL)BUTYRIC ACID see: MW5084200
4'-(4-AMINO-3-CHLOROPHENYL)-2'-CHLOROACETANILIDE see: AD8260000
4-AMINO-3-CHLOROPHENYLMETHYLSULFONE see: BX1399000
4-AMINO-3-CHLOROPHENYLMETHYLSULPHONE see: BX1399000
5-AMINO-4-CHLORO-2-PHENYL-3(2H)-PYRIDAZINONE see: UR6125000
5-AMINO-4-CHLORO-2-PHENYL-3(2H)-PYRIDAZINONE mixed with BUTYNYL-3N-3-CHLOROPHENYLCARBAMATE see: UR6135000
2-AMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID see: XJ1795000
(-)-1-AMINO-3-CHLORO-2-PROPANOL see: UA5782000

BEST COPY AVAILABLE

(- -)-1-AMINO-3-CHLORO-2-PROPANOL see: UA5783000
dl-1-AMINO-3-CHLORO-2-PROPANOL see: UA5783000
l-1-AMINO-3-CHLORO-2-PROPANOL see: UA5782000
(-)-1-AMINO-3-CHLORO-2-PROPANOL HYDROCHLORIDE see: UA5787000
(-)-1-AMINO-3-CHLORO-2-PROPANOL HYDROCHLORIDE see: UA5787500
(+ -)-1-AMINO-3-CHLORO-2-PROPANOL HYDROCHLORIDE see: UA5788000
l-AMINO-3-CHLORO-2-PROPANOL HYDROCHLORIDE see: UA5787000
dl-1-AMINO-3-CHLORO-2-PROPANOL HYDROCHLORIDE see: UA5788000
l-1-AMINO-3-CHLORO-2-PROPANOL HYDROCHLORIDE see: UA5787000
2-(2-AMINO-4-CHLOROPYRIMIDIN-6-YLAMINO)-6-METHYL-1H-PYRIDINIUM-3-THIOLATE see: UT8600000
2-AMINO-5-CHLOROTHIAZOLE see: XJ2300000
2-AMINO-4-CHLOROTOLUENE see: XU5075000
2-AMINO-5-CHLOROTOLUENE see: XU5000000
4-AMINO-2-CHLOROTOLUENE see: XU5111000
2-AMINO-5-CHLOROTOLUENE HYDROCHLORIDE see: XU5250000
AMINOCHLORTHENOXAZINE see: DM3678700
AMINOCHLORTHENOXAZIN HYDROCHLORIDE see: DM3678900
(Z)-3-AMINO-4-CHROMANOL see: GA8735000
6-AMINOCHRYSENE see: GC0500000
m-AMINO-p-CRESOL, METHYL ESTER see: BZ6720000
3-AMINO-p-CRESOL METHYL ETHER see: BZ6720000
4-AMINO-5-CYANO-7-(D-RIBOFURANOSYL)-7H-PYRROLO(2,3-d)PYRIMIDINE see: UY9100000
2-AMINO-2,4,6-CYCLOHEPTATRIEN-1-ONE see: GU3828300
1-AMINO-3-(CYCLOHEPTYLOXY)-2-PROPANOL see: UA5791000 2-PROPANOL, 1-AMINO-3-(CYCLOHEPTYLOXY)
(-)-5-AMINO-1,3-CYCLOHEXADIENE-1-CARBOXYLIC ACID see: GU4760000
7-(D-2-AMINO-2-(1,4-CYCLOHEXADIENYL)ACETAMIDE) 3-METHOXY-3-CEPHEM-4-CARBOXYLIC ACID see: XI0335000
AMINOCYCLOHEXANE see: GX0700000
AMINOCYCLOHEXANE HYDROCHLORIDE see: GX1440000
1-AMINO-3-(CYCLOHEXYLOXY)-2-PROPANOL see: UA5792000 2-PROPANOL, 1-AMINO-3-(CYCLOHEXYLOXY)-
2-AMINO-N-((1-CYCLOHEXYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7701400
1-AMINO-3-(CYCLOOCTYLOXY)-2-PROPANOL see: UA5793000 2-PROPANOL, 1-AMINO-3-(CYCLOOCTYLOXY)-
1-AMINOCYCLOPENTANECARBOXYLIC ACID HYDROCHLORIDE see: GY2625200
1-AMINO-3-(CYCLOPENTYLOXY)-2-PROPANOL see: UA5794000 2-PROPANOL, 1-AMINO-3-(CYCLOPENTYLOXY)
5-AMINO-N-CYCLOPROPYL-2-(2-PROPYNYLOXY)BENZAMIDE see: CV0800000
N(sup 4)-AMINOCYTIDINE see: YU8055000
4'-AMINO-DAB see: BX5020000
AMINODARONE see: OB1360000
23-AMINO-O(sup 4)-DEACETYL-23-DEMETHOXYVINCALEUKOBLASTINE SULFATE see: YY8100000
6-AMINO-5-DECYL-4-PYRIMIDINOL see: UW5997000
9-AMINO-9-DEOXO-ERYTHROMYCIN, stereoisomer see: KF4590000
2-AMINO-2-DEOXY-L-ASCORBIC ACID see: CI7662000
N(4)-AMINO-2'-DEOXYCYTIDINE see: UW7522000
D-2-AMINO-2-DEOXYGALACTOSE see: LW5498000
2-AMINO-2-DEOXY-D-GALACTOSE HYDROCHLORIDE see: LW5500000
2-AMINO-2-DEOXY-D-GLUCOSE see: LZ6664000
2'-AMINO-2'-DEOXYGUANOSINE see: MF8752000
2-AMINO-2-DEOXYMANNOPYRANOSE see: OP4080000
4-AMINO-4-DEOXY-N(sup 10)-METHYLPTEROYLGLUTAMATE see: MA1225000
4-AMINO-4-DEOXY-N(sup 10)-METHYLPTEROYLGLUTAMIC ACID see: MA1225000
4-AMINO-1-(2-DEOXY-beta-D-erythro-PENTOFURANOSYL)-s-TRIAZIN-2(1H)-ONE see: XZ3012000
4-AMINO-4-DEOXYPTEROYLGLUTAMATE see: MA1050000
AMINODIACETIC ACID see: AI2975000
1-AMINODIAMANTANE see: YD1925000
4-AMINO-N-(DIAMINOMETHYLENE)BENZENESULFONAMIDE see: WO8575000
9-AMINO-1,2,5,6-DIBENZANTHRACENE see: HN3250000
3-AMINODIBENZOFURAN see: HP4550000
1-AMINO-2,4-DIBROMANTHRACHINON (Czech) see: CB5500000
1-AMINO-2,4-DIBROMOANTHRAQUINONE see: CB5500000
trans-4-((2-AMINO-3,5-DIBROMOBENCIL)AMINO)CICLOHEXANOL (Spanish) see: GV8423000
trans-4-((2-AMINO-3,5-DIBROMOBENZYL)AMINE)CYCLOHEXANOL see: GV8423000
trans-4-((2-AMINO-3,5-DIBROMOBENZYL)AMINO)CYCLOHEXANOL HYDROCHLORIDE see: GV8425000
N-(2-AMINO-3,4-DIBROMOCICLOHEXIL)-trans-4-AMINOCICLOHEXANOL (Spanish) see: GV8423000
N-(2-AMINO-3,4-DIBROMOCYCLOHEXYL)-trans-4-AMINOCYCLOHEXANOL see: GV8423000
2-AMINO-4,6-DIBROMOPHENOL HYDROCHLORIDE see: SJ5773000
2-AMINO-4-DIBUTYLAMINOETHOXYPYRIMIDINE see: UV6380000
2-AMINO-4-DI-sec-BUTYLAMINOETHOXYPYRIMIDINE see: UV6385000
2-AMINO-4-(2-DIBUTYLAMINOETHOXY)PYRIMIDINE see: UV6380000
6-AMINODICARBAUNDECABORATE POTASSIUM see: HS9834700
2-AMINO-4-DICHLOROARSINOPHENOL HYDROCHLORIDE see: SJ5775000
1-AMINO-3,4-DICHLOROBENZENE see: BX2625000
3-AMINO-2,5-DICHLOROBENZOIC ACID see: DG1925000
3-AMINO-1-(3,4-DICHLORO-alpha-METHYLBENZYL)-2-PYRAZOLIN-5-ONE see: UR0370000
5-AMINO-2-(1-(3,4-DICHLOROPHENYL)-ETHYL)-2,4-DIHYDRO-3H-PYRAZOL-3-ONE see: UR0370000
(1-AMINO-3-(DIETHOXYPHOSPHINYL)PROPYLIDENE)BISPHOSPHONIC ACID HYDRATE see: SZ6510000
1-(4-AMINO-2-DIETHYLAMINOACETAMIDOMETHYLPHENOXY)-n-OCTANE DIHYDROCHLORIDE see: AB4381000
1-(4-AMINO-2-DIETHYLAMINOACETAMIDOMETHYLPHENOXY)-2-PHENYLETHANE DIHYDROCHLORIDE see: AB4387000
2-AMINO-4-DIETHYLAMINOETHOXYPYRIMIDINE see: UV6390000
2-AMINO-4-(2-DIETHYLAMINOETHOXY)PYRIMIDINE see: UV6390000
6-AMINO-4-((2-(DIETHYLAMINO)ETHYL)AMINO)QUINOLINE DIPHOSPHATE see: VA9633000
p-AMINO-n-(2-DIETHYLAMINOETHYL)BENZAMIDE see: CV2275000
p-AMINO-N-(2-(DIETHYLAMINO)ETHYL)BENZAMIDE HYDROCHLORIDE see: CV2295000
4-AMINO-N-(2-(DIETHYLAMINO)ETHYL)-2,6-DIMETHYLBENZAMIDE see: CV2290000
4-AMINO-N-(2-(DIETHYLAMINO)ETHYL)-2-METHOXY-BENZENESULFONAMIDE HYDROCHLORIDE see: DA9491000
2-AMINO-N-(2-(DIETHYLAMINO)ETHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7701600
p-AMINO-N-(o-((DIETHYLAMINO)METHYL)BENZYL)BENZAMIDE see: CV2302100 BENZAMIDE, p-AMINO-N-(o-((DIETHYLAMINO)METHYL)BENZYL)-
p-AMINO-N-(m-((DIETHYLAMINO)METHYL)BENZYL)BENZAMIDE HYDROCHLORIDE see: CV2302200 BENZAMIDE,p-AMINO-N-(m-((DIETHYLAMINO)METHYL)BENZYL)-, HYDROCHLORIDE
p-AMINO-N-(p-((DIETHYLAMINO)METHYL)BENZYL)BENZAMIDE HYDROCHLORIDE see: CV2302300 BENZAMIDE,p-AMINO-N-(p-((DIETHYLAMINO)METHYL)BENZYL)-, HYDROCHLORIDE
6-AMINO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)QUINOLINE DIPHOSPHATE see: VA9633500
2-AMINO-5-DIETHYLAMINOPENTANE (DOT) see: SA0242000
1-AMINO-3-(DIETHYLAMINO)PROPANE see: TX7350000
2-AMINO-4-gamma-DIETHYLAMINOPROPYLAMINO-5,6-DIMETHYLPYRIMIDINE see: UV6400000
4-AMINO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-BENZENESULFONAMIDE see: DA9491200
2-AMINO-N-(2-(DIETHYLAMINO)PROPYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7701800
2-AMINO-N-(3-(DIETHYLAMINO)PROPYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7702000
N-(4-AMINO-2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA DIHYDROCHLORIDE see: YR8434000
3-AMINO-N,N-DIETHYLPHTHALAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: TH7060000
5-AMINO-N,N-DIETHYL-2-(2-PROPYNYLOXY)BENZAMIDE HYDROCHLORIDE see: CV2303000
4-AMINODIFENIL (Spanish) see: DU8925000
p-AMINODIFENYLAMIN (Czech) see: ST3150000
9-AMINO-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE see: GY5899000
2-AMINO-1,9-DIHYDRO-9-((2-HYDROXYETHOXY)METHYL)-6H-PURIN-6-ONE see: UO7504000
6-AMINO-1,2-DIHYDRO-1-HYDROXY-2-IMINO-4-PIPERIDINOPYRIMIDINE see: UV8200000
2-AMINO-1,4-DIHYDRO-3(2H)-ISOQUINOLINONE see: NX6036500
2-AMINO-1,4-DIHYDROISOQUINOLIN-3(2H)-ONE see: NX6036500
alpha-AMINO-2,3-DIHYDRO-3-OXO-5-ISOXAZOLEACETIC ACID see: NY2100000
5-AMINO-1,4-DIHYDRO-7H-1,2,3-TRIAZOLO(4,5-d)PYRIMIDIN-7-ONE see: XZ6157000
5-AMINO-1,6-DIHYDRO-7H-v-TRIAZOLO(4,5-d)PYRIMIDIN-7-ONE see: XZ6157000
l-2-AMINO-1-(3,4-DIHYDROXYPHENYL)ETHANOL see: DN5950000
2-AMINO-3-(3,4-DIHYDROXYPHENYL)PROPANOIC ACID see: AY5600000
2-AMINO-1,4-DIHDROISOCHINOLIN-3(2H)-ÖNE (Italian) see: NX6036500
4-(4-AMINO-3,5-DIIODOBENZAMIDO)BENZOIC ACID see: DG2310500
2-AMINO-3,5-DIIODOBENZOIC ACID see: CB2999300
4-AMINO-3,5-DIIODOBENZOIC ACID see: DG2310000
N-(4-AMINO-3,5-DIIODOBENZOYL)ANTHRANILIC ACID see: CB2535000
3-AMINO-or,or-DIIODO-alpha-ETHYLCINNAMIC ACID see: GD8070000
3'-AMINO-4',6'-DIIODO-N-ETHYL-GLUTARANILIC ACID see: MA3050000
3'-AMINO-4',6'-DIIODO-N-METHYL-GLUTARANILIC ACID see: MA3055000
4-((5-AMINO-2,4-DIIODOPHENYL)AMINO)-4-OXOBUTYRIC ACID see: WM4200000
3'-AMINO-4',6'-DIIODOSUCCINANILIC ACID see: WM4200000
2-AMINO-4-DI-ISOBUTYLAMINOETHOXYPYRIMIDINE see: UV6420000
2-AMINO-4-(2-DIISOBUTYLAMINOETHOXY)PYRIMIDINE see: UV6420000
3-AMINO-4-(3,4-DIMETHOXYPHENETHYLAMINO)PYRIDINE see: US1816000
4-AMINO-N-(3,4-DIMETHOXYPHENETHYL)-3-METHYLPYRAZOLE-5-CARBOXAMIDE see: UQ6260500
2-AMINO-1-(2,5-DIMETHOXYPHENYL)-1-PROPANOL HYDROCHLORIDE see: DN4025000
4-AMINO-N-(2,6-DIMETHOXY-4-PYRIMIDINYL)BENZENESULFONAMIDE see: WO9030000
4-AMINO-N-(4,6-DIMETHOXY-2-PYRIMIDINYL)BENZENESULFONAMIDE see: DA9495000
4-AMINO-N-(5,6-DIMETHOXY-4-PYRIMIDINYL)BENZENESULFONAMIDE see: DA9500000
1-(4-AMINO-6,7-DIMETHOXY-2-QUINAZOLINYL)-4-(2-FURANYLCARBONYL)PIPERAZINE HYDROCHLORIDE see: VA1350000
1-(4-AMINO-6,7-DIMETHOXY-2-QUINAZOLINYL)-4-(2-FUROYL)PIPERAZINE MONOHYDROCHLORIDE see: VA1350000
11-AMINO-12,13-DIMETHOXY-5,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE see: NW6669500
4'-AMINO-N,N-DIMETHYL-4-AMINOAZOBENZENE see: BX5020000
2-AMINO-4-DIMETHYLAMINOETHOXYPYRIMIDINE see: UV6430000
2-AMINO-4-(2-DIMETHYLAMINOETHOXY)PYRIMIDINE see: UV6430000
2-AMINO-N-(2-(DIMETHYLAMINO)ETHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7702200
3-AMINO-7-DIMETHYLAMINO-2-METHYLPHENAZATHIONIUM CHLORIDE see: SG1225000
3-AMINO-7-DIMETHYLAMINO-2-METHYLPHENAZINE HYDROCHLORIDE see: SG1400000
3-AMINO-7-(DIMETHYLAMINO)-2-METHYL-PHENOSELENAZIN-5-IUM CHLORIDE see: SN4910000
3-AMINO-7-(DIMETHYLAMINO)PHENOTHIAZIN-5-IUM CHLORIDE see: SP5660000
p-AMINO-N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)BENZAMIDE HYDROCHLORIDE see: CV2305400
2-AMINO-N-(3-(DIMETHYLAMINO)PROPYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7702400
6-AMINO-2,5-DIMETHYL-4-PYRIMIDINOL see: UW6002000
AMINODIMETHYLAMINOTOLUAMINOZINE HYDROCHLORIDE see: SG1400000
p-AMINODIMETHYLANILINE see: ST0875000
4-AMINO-2',3-DIMETHYLAZOBENZENE see: XU8800000
4'-AMINO-2,3'-DIMETHYLAZOBENZENE see: XU8800000
AMINOFUMETHYLBENZENE see: ZE8575000
1-AMINO-2,4-DIMETHYLBENZENE see: ZE8925000
1-AMINO-2,5-DIMETHYLBENZENE see: ZE9100000
3-AMINO-1,4-DIMETHYLBENZENE see: ZE9100000
4-AMINO-1,3-DIMETHYLBENZENE see: ZE8925000
1-AMINO-2,4-DIMETHYLBENZENE HYDROCHLORIDE see: ZF0175000
1-AMINO-2,5-DIMETHYLBENZENE HYDROCHLORIDE see: ZF0350000
3-AMINO-1,4-DIMETHYLBENZENE HYDROCHLORIDE see: ZF0350000
4-AMINO-1,3-DIMETHYLBENZENE HYDROCHLORIDE see: ZF0175000
5-AMINO-1,4-DIMETHYLBENZENE HYDROCHLORIDE see: ZF0350000
3-AMINO-1,4-DIMETHYL-gamma-CARBOLINE see: UU9351900
2-AMINODIMETHYLETHANOL see: UA5950000
4-AMINO-6-(1,1-DIMETHYLETHYL)-3-(METHYLTHIO)-1,2,4-TRIAZIN-5(4H)-ONE see: XZ2990000
2-AMINO-3,4-DIMETHYLIMIDAZO(4,5-f)QUINOLINE see: NJ5907000
2-AMINO-3,7-DIMETHYLIMIDAZO(4,5-f)QUINOXALINE see: NJ5925400
2-AMINO-3,8-DIMETHYLIMIDAZO(4,5-f)QUINOXALINE see: NJ5925500
2-AMINO-3,8-DIMETHYL-3H-IMIDAZO(4,5-f)QUINOXALINE see: NJ5925500
4-AMINO-N-(3,4-DIMETHYL-5-ISOXAZOLYL)BENZENESULPHONAMIDE see: WO9100000
4-AMINO-2,6-DIMETHYL-N-(2-MORPHOLINOETHYL)BENZAMIDE see: CV2305700
2-AMINO-3,3-DIMETHYLNORBORNANE HYDROCHLORIDE see: RB6945170
4-AMINO-N-(4,5-DIMETHYL-2-OXAZOLYL)BENZENESULFONAMIDE see: WO9150000
2-AMINO-4,5-DIMETHYLPHENOL see: ZE6650000
4-AMINO-2,6-DIMETHYL-N-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)BENZAMIDE see: CV2305800
4-AMINO-2,6-DIMETHYL-N-(2-PIPERIDINOETHYL)BENZAMIDE see: CV2308200
7-AMINO-2,3-DIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0717200 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-2,3-DIMETHYL-
7-AMINO-2,5-DIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0717300 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-2,5-DIMETHYL-
7-AMINO-2,6-DIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0717400 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-2,6-DIMETHYL-
7-AMINO-3,5-DIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0717500 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-3,5-DIMETHYL-
7-AMINO-5,6-DIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0717700 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-5,6-DIMETHYL-
3-AMINO-1,4-DIMETHYL-5H-PYRIDO(4,3-b)INDOLE see: UU9351900
3-AMINO-1,4-DIMETHYL-5H-PYRIDO(4,3-b)INDOLE ACETATE see: UU9352000
4-AMINO-N-(2,6-DIMETHYL-4-PYRIMIDINYL)BENZENESULFONAMIDE (9CI) see: WO9270000
2'-((2-AMINO-4-(DIMETHYLSULFAMOYL)PHENYL)THIO)FORMANILIDE see: LQ4660000
2-AMINO-4-DI-OCTYLAMINOETHOXYPYRIMIDINE see: UV6440000
2-AMINO-4-(2-DIOCTYLAMINOETHOXY)PYRIMIDINE see: UV6440000
o-AMINODIPHENYL see: DU8850000
p-AMINODIPHENYL see: DU8925000
2-AMINODIPHENYL see: DU8850000
4-AMINODIPHENYL see: DU8925000
p-AMINODIPHENYLAMINE see: ST3150000
2-AMINODIPHENYLENE OXIDE see: HP4550000
2-AMINODIPHENYLENOXYD (German) see: HP4650000
2-AMINO-1,2-DIPHENYLETHANOL see: KJ5950000

BEST COPY AVAILABLE

4-AMINODIPHENYL ETHER see: BY7930000
p-AMINODIPHENYLIMIDE see: BY8225000
3-AMINO-1-(DIPHENYLMETHYL)AZETIDINE MONOHYDROCHLORIDE see: CM4300400
3-AMINO-5,6-DIPHENYL-as-TRIAZINE see: XY3177800
N-(N-(3-AMINO-3,3-DIPHOSPHONOPROPYLGLYCYL)ALANINE DIHYDRATE see: AY3095000
N-(N-(3-AMINO-3,3-DIPHOSPHONOPROPYLGLYCYL)GLYCINE DIHYDRATE see: MB7670000
N-(N-(3-AMINO-3,3-DIPHOSPHONOPROPYLGLYCYL)LEUCINE DIHYDRATE see: OH2911000
N-(N-(3-AMINO-3,3-DIPHOSPHONOPROPYLGLYCYL)METHIONINE DIHYDRATE see: PD0510000
2-AMINO-DIPYRIDO(1,2-a:3',2'-d)-IMIDAZOLE see: JM5615000
4-AMINO-1-DODECYL-2-METHYLQUINOLINIUM ACETATE see: VA0350000
4-AMINO-1-DODECYLQUINALDINIUM ACETATE see: VA0350000
AMINODUR see: XH5600000
9-AMINOELLIPTICINE see: UU8816000
AMINOENANTHIC ACID see: MJ1770000 HEPTANOIC ACID, 7-AMINO-
omega-AMINOENANTHIC ACID see: MJ1770000
zeta-AMINOENANTHIC ACID see: MJ1770000
7-AMINOENANTHIC ACID see: MJ1770000
AMINO-ENANTHYLIC ACID see: MJ1770000
2-AMINOETANOLO (Italian) see: KJ5775000
AMINOETHANE see: KH2100000
1-AMINOETHANE see: KH2100000
2-AMINO-ETHANESELENOL HYDROCHLORIDE see: KI7035000
2-AMINOETHANESULFONIC ACID see: WX0175000
2-AMINOETHANESULFONO-p-PHENETIDIDE see: KI8020000
2-AMINOETHANESULFONO-p-PHENETIDIDE HYDROCHLORIDE see: KI8021000
AMINOETHANESULFONYL-p-PHENETIDINE see: KI8020000
2-AMINOETHANETHIOL see: KJ0175000
1-AMINOETHANOL see: AB1950000
2-AMINOETHANOL see: KJ5775000
3-AMINO-4-ETHOXYACETANILIDE see: AD8575000
4-AMINO-2-ETHOXY-BENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROGEN PHOSPHATE see: DG2412900
2-AMINO-3-ETHOXYCARBONYL-6-BENZYL-4,5,6,7-TETRAHYDROTHIENO(2,3-c)PYRIDINE see: KJ9088300
2-AMINOETHOXYETHANOL see: KJ6125000
2-(2-AMINOETHOXY)ETHANOL (DOT) see: KJ6125000
2-AMINO-4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-PYRIMIDINECARBOXAMIDE see: UV7702600
(R)-(+)-2-AMINO-4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-PYRIMIDINECARBOXAMIDE see: UV7702800
(S)-(-)-2-AMINO-4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-PYRIMIDINECARBOXAMIDE see: UV7703000
4-AMINO-5-(ETHOXYMETHYL)-2-METHYLPYRIMIDINE see: UV6450000 PYRIMIDINE, 4-AMINO-5-(ETHOXYMETHYL)-2-METHYL-
(p-(2-AMINOETHOXY)PHENYL)PHOSPHONIC ACID see: SZ6520000
4-AMINO-2-ETHOXYTHIOBENZOIC ACID 3-(DIETHYLAMINO)PROPYL ESTER HYDROCHLORIDE see: DO2347900
alpha-AMINOETHYL ALCOHOL see: AB1950000
beta-AMINOETHYL ALCOHOL see: KJ5775000
8-((2-AMINOETHYL)AMINO)THEOPHYLLINE see: XH3942000
alpha-AMINOETHYLBENZENE see: DP5775000
beta-AMINOETHYLBENZENE see: SG8750000
o-AMINOETHYLBENZENE see: BX9800000
1-AMINO-4-ETHYLBENZENE see: BX9900000
alpha-(1-AMINOETHYL)BENZENEMETHANOL HYDROCHLORIDE see: DN4200000
4-(2-AMINOETHYL)-1,2,3-BENZENETRIOL HYDROCHLORIDE see: DC4650000
alpha-(1-AMINOETHYL)BENZYL ALCOHOL HYDROCHLORIDE see: RC2975000
alpha-(1-AMINOETHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DN4199900
alpha-(1-AMINOETHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DN4200000
3-(2-AMINOETHYL)-1-BENZYL-5-METHOXY-2-METHYLINDOLE HYDROCHLORIDE see: NL4025000
2-AMINOETHYL BROMIDE see: KQ8090000
N-((2-AMINOETHYL)CARBAMOYL)AMPHOTERICIN B METHYL ESTER see: BU2647000
3-AMINO-N-ETHYLCARBAZOLE see: FE3590000
3-AMINO-9-ETHYLCARBAZOLE see: FE3590000
3-AMINO-9-ETHYLCARBAZOLE HYDROCHLORIDE see: FE3675000
10-(2-AMINOETHYL)-8-CHLORO-5-METHYL-5H-DIBENZ(b,f)AZEPINE see: HN7600000
trans-4-AMINOETHYLCYCLOHEXANE-1-CARBOXYLIC ACID see: GU8400000
2-AMINOETHYL-N',N'-DIETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UL8660000
2-(2-AMINOETHYL)-1,3-DIETHYL-2-THIOPSEUDOUREA DIHYDROBROMIDE see: UL8660000
alpha-(1-AMINOETHYL)-2,5-DIMETHOXYBENZYL ALCOHOL HYDROCHLORIDE see: DN4025000
2-AMINOETHYL-N,N''-DIMETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UL8710000
2-(2-AMINOETHYL)-1,3-DIMETHYL-2-THIOPSEUDOUREA DIHYDROBROMIDE see: UL8710000
1-(2-((2-AMINOETHYL)DITHIO)ETHYL)GUANIDINE HYDRIODIDE see: ME8420000
AMINOETHYLENE see: KX5075000
AMINOETHYLETHANOLAMINE see: IE1225000
AMINOETHYL ETHANOLAMINE see: KJ6300000
N-AMINOETHYLETHANOLAMINE see: KJ6300000
beta-AMINOETHYLGLYOXALINE see: MS1050000
2-AMINOETHYL GUANIDINOETHYL DISULFIDE HYDRIODIDE see: ME8420000
1-AMINO-2-ETHYLHEXAN (Czech) see: MQ5250000
3-(beta-AMINOETHYL)-5-HYDROXYINDOLE see: NM2450000
beta-AMINOETHYLIMIDAZOLE see: MS1050000
4-(2-AMINOETHYL)IMIDAZOLE BIS(DIHYDROGEN PHOSPHATE) see: NI5425000
4-(2-AMINOETHYL)IMIDAZOLE BIS(DIHYDROGEN PHOSPHATE) HYDRATE see: NI5430000
4-(2-AMINOETHYL)IMIDAZOLE DI-ACID PHOSPHATE see: NI5425000
(AMINO-2 ETHYL)-3 INDOLE (French) see: NL4020000
3-(2-AMINOETHYL)INDOLE see: NL4020000
3-(2-AMINOETHYL)INDOLE mixed with SODIUM NITRITE see: NL4400000
3-(2-AMINOETHYL)INDOL-5-OL see: NM2450000
3-(2-AMINOETHYL)INDOL-5-OL, CREATININE SULFATE see: NM2550000
3-(2-AMINOETHYL)-5-INDOLOL mixed with SODIUM NITRITE see: NM2578000
3-(2-AMINOETHYL)INDOL-5-YL ESTER of ISONICOTINIC ACID ACETATE see: NS1150000
2-beta-AMINOETHYLISOTHIOUREA see: UM0175000
5-beta-AMINOETHYLISOTHIOURONIC DIHYDROCHLORIDE see: UM0190000
S-2-AMINOETHYLISOTHIOURONIUM BROMIDE HYDROBROMIDE see: UM0175000
2-(beta-AMINOETHYL)ISOTHIOURONIUM BROMIDE HYDROBROMIDE see: UM0175000
2-AMINOETHYLISOTHIOURONIUM DIBROMIDE see: UM0175000
2-AMINOETHYLISOTHIOURONIUM DICHLORIDE see: UM0190000
2-AMINOETHYLISOTHIOURONIUM SULFATE see: UM0265000
AMINOETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UM0175000
beta-AMINOETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UM0175000
S-AMINOETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UM0175000
2-AMINOETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UM0175000
S-(beta-AMINOETHYL)ISOTHIURONIUM BROMIDE HYDROBROMIDE see: UM0175000
S-beta-AMINOETHYLISOTHIURONIUM BROMOHYDRATE see: UM0175000
2-AMINOETHYLISOTHIURONIUM DIHYDROBROMIDE see: UM0175000
2-AMINOETHYL MERCAPTAN see: KJ0175000
2-(2-AMINOETHYLMERCAPTO)BENZIMIDAZOLINE BROMIDE HYDROBROMIDE see: DD6204000
2-(2-AMINOETHYLMERCAPTO)IMIDAZOLINE BROMIDE HYDROBROMIDE see: NJ1555000
3-(2-AMINOETHYL)-6-METHOXYINDOLE see: NL4125000
3-(2-AMINOETHYL)-5-METHOXYINDOLE HYDROCHLORIDE see: NL4110000
alpha-(1-AMINOETHYL)-2-METHOXY-5-METHYLBENZYL ALCOHOL HYDROCHLORIDE see: DN5235000
6-AMINO-5-ETHYL-2-METHYL-4-PYRIMIDINOL see: UW6004000
N-AMINOETHYLMORPHOLINE see: QD7350000
2-AMINOETHYL-N'-alpha-NAPHTHYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UL9905000
2-(2-AMINOETHYL)-1-(1-NAPHTHYL)-2-THIOPSEUDOUREA DIHYDROBROMIDE see: UL9905000
2-AMINO-6-ETHYL-4-NITROPHENOL see: SJ6060000
2-AMINOETHYL-N'-PHENYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UM0050000
2-(2-AMINOETHYL)-1-PHENYL-2-THIOPSEUDOUREA DIHYDROBROMIDE see: UM0050000
AMINOETHYLPIPERAZINE see: TK8050000
N-(beta-AMINOETHYL)PIPERAZINE see: TK8050000
N-(2-AMINOETHYL)PIPERAZINE see: TK8050000
1-(2-AMINOETHYL)PIPERAZINE see: TK8050000
N-AMINOETHYLPIPERAZINE (DOT) see: TK8050000
2-AMINO-N-(1-ETHYL-3-PIPERIDYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7703200
2-AMINO-N-(1-ETHYL-4-PIPERIDYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7703400
2-AMINO-N-((1-ETHYL-2-PIPERIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7703600
N-(2-AMINOETHYL)-1,3-PROPANEDIAMINE mixed with SODIUM NITRITE see: TX6900000
6-AMINO-3-ETHYL-1-(2-PROPENYL)-2,4(1H,3H)-PYRIMIDINEDIONE see: YQ8665000
5-AMINO-N-ETHYL-2-(2-PROPYNYLOXY)BENZAMIDE see: CV2308700
S-(2-AMINOETHYL)PSEUDOTHIOUREA DIHYDROBROMIDE see: UM0175000
6-AMINO-5-ETHYL-4-PYRIMIDINOL see: UW6003000
4-(2-AMINOETHYL)PYROCATECHOL see: UX1088000
4-(2-AMINOETHYL)PYROCATECHOL HYDROCHLORIDE see: UX1092000
2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-ISOPROPOXY-5-PYRIMIDINECARBOXAMIDE see: UV7704000
6-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXYNICOTINAMIDE see: QS4000100
(S)-(-)-2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXYLIC ACID see: UV7704400
2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHYL-5-PYRIMIDINECARBOXAMIDE see: UV7704200
2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-PROPOXY-5-PYRIMIDINECARBOXAMIDE see: UV7704600
2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-PYRIMIDINECARBOXAMIDE see: UV7703800
2-((2-AMINOETHYL)THIO)BENZIMIDAZOLE DIHYDROBROMIDE see: DD6204000
2-AMINO-4-(ETHYLTHIO)BUTYRIC ACID see: ES6825200
L-2-AMINO-4-(ETHYLTHIO)BUTYRIC ACID see: ES6825300
2-((2-AMINOETHYL)THIO)-2-IMIDAZOLINE DIHYDROBROMIDE see: NJ1555000
S-(2-AMINOETHYL) THIOPHOSPHATE MONOSODIUM SALT see: TE6483500
2-AMINOETHYL-2-THIOPSEUDOUREA DICHLORIDE see: UM0190000
2-AMINOETHYLTHIOPSEUDOUREA DIHYDROBROMIDE see: UM0175000
2-(2-AMINOETHYL)-2-THIOPSEUDOUREA DIHYDROBROMIDE see: UM0175000
2-(2-AMINOETHYL)-2-THIOPSEUDOUREA DIHYDROCHLORIDE see: UM0190000
2-(2-AMINOETHYL)-2-THIOPSEUDOUREA HYDROBROMIDE see: UM0175000
3'-AMINO-N-ETHYL-2',4',6'-TRIIODO-GLUTARANILIC ACID see: MA3060000
3-AMINO-alpha-ETHYL-2,4,6-TRIIODOHYDROCINNAMIC ACID see: MW5075000
3'-AMINO-N-ETHYL-2',4',6'-TRIIODOSUCCINANILIC ACID see: WM4220000
AMINOFENAZONE (Italian) see: CD2625000
5-AMINO-3-FENIL-1-BIS(-DIMETILAMINO)-FOSFORIL-1,2,4-TRIAZOLO (Italian) see: TA1400000
m-AMINOFENOL (Czech) see: SJ4900000
p-AMINOFENOL (Czech) see: SJ5075000
5-AMINO-3-FENYL-1-BIS(DIMETHYL-AMINO)-FOSFORYL-1,2,4-TRIAZOOL (Dutch) see: TA1400000
AMINOFILINA (Spanish) see: XH5600000
3-AMINOFLUORANTHENE see: LL4000000
4-AMINOFLUORANTHENE see: LL4000000
AMINOFLUOREN (German) see: LL5075000
2-AMINOFLUORENE see: LL5075000
2-AMINO-N-FLUOREN-2-YLACETAMIDE see: AB4340000
4-AMINO-4'-FLUORODIPHENYL see: DU9625000
alpha-AMINO-alpha-(FLUOROMETHYL)IMIDAZOLE-4-PROPIONIC ACID see: NI8280000
6-AMINO-2-FLUOROMETHYL-3-(o-TOLYL)-4(3H)-QUINAZOLINONE see: VA2350000
4-AMINO-5-FLUORO-2(1H)-PYRIMIDINONE see: HA6040000
4-AMINOFOLIC ACID see: MA1050000
AMINOFORM see: MN4725000
AMINOFORMAMIDINE see: ME7750000
6-AMINO-alpha-(1-FORMYL-2-HYDROXYETHOXY)-9H-PURINE-9-ACETALDEHYDE see: UO7450700
alpha-AMINOGLUTARIC ACID see: LZ9700000
L-2-AMINOGLUTARIC ACID see: LZ9700000
AMINOGLUTETHIMIDE see: MA4026950
AMINOGLUTETHIMIDE PHOSPHATE see: MA4027000
p-AMINOGLUTETHIMIDE see: MA4026950
AMINOGLUTETHIMIDE PHOSPHATE see: MA4027000
AMINOGUANIDINE see: ME8225000
AMINOGUANIDINE HYDROCHLORIDE see: ME8430000
AMINOGUANIDINE SULFATE see: ME8440000
AMINOGUANIDINE SULPHATE see: ME8440000
3-AMINOHARMAN see: UU9353200
dl-2-AMINOHEPTANE see: MQ5425000
2-AMINOHEPTANE SULFATE see: MQ5600000
omega-AMINOHEPTANOIC ACID see: MJ1770000
7-AMINOHEPTANOIC ACID see: MJ1770000
7-AMINOHEPTANOIC ACID ISOPROPYL ESTER see: MJ1925000
7-AMINOHEPTANOIC ACID LACTAM see: CN4810000
AMINOHEXAHYDROBENZENE see: GX0700000
AMINOHEXAHYDROBENZENE HYDROCHLORIDE see: GX1440000
2-AMINO-1,5,6,7,8,8a-HEXAHYDRO-4-METHYLQUINAZOLINE ACETATE see: VA1430000
1-AMINOHEXANE see: MQ4540000
epsilon-AMINOHEXANOIC ACID see: MO6300000
omega-AMINOHEXANOIC ACID see: MO6300000
(S)-2-AMINOHEXANOIC ACID see: RC6308000
2-AMINOHEXANOIC ACID see: RC6308000
6-AMINOHEXANOIC ACID see: MO6300000
6-AMINOHEXANOIC ACID CYCLIC LACTAM see: CM3675000
6-AMINOHEXANOIC ACID HOMOPOLYMER see: TQ9800000
2-AMINO-4-ARSENOSOPHENOL see: SJ5425000
4-AMINO-2-(HEXYLOXY)BENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG2550000
4-AMINO-2-(HEXYLOXY)THIOBENZOIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE see: DG2570000
4-AMINO-6-HEXYLRESORCINOL HYDROCHLORIDE see: VG9820000
alpha-AMINOHYDROCINNAMIC ACID see: AY7535000
2-AMINOHYPOXANTHINE see: MF8260000
2-AMINO-3-HYDROXYACETOPHENONE see: AM5950000
2-AMINO-1-HYDROXYBENZENE see: SJ4950000
3-AMINO-1-HYDROXYBENZENE see: SJ4900000
4-AMINO-1-HYDROXYBENZENE see: SJ5075000
3-AMINO-4-HYDROXYBENZENEARSONIC ACID see: CF9500000
4-AMINO-2-HYDROXYBENZENEARSONIC ACID see: CF9520000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

2-AMINO-3-HYDROXYBENZOIC ACID see: DG2625000
4-AMINO-2-HYDROXYBENZOIC ACID see: VO1225000
5-AMINO-2-HYDROXYBENZOIC ACID see: VO1400000
4-AMINO-2-HYDROXYBENZOIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE (9CI) see: VO1602000
4-AMINO-2-HYDROXYBENZOIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE (9CI) see: VO1620000
4-AMINO-2-HYDROXYBENZOIC ACID HYDRAZIDE see: VO1638000
alpha-AMINO-p-HYDROXYBENZYLPENICILLIN see: XH8300000
beta-AMINO-alpha-HYDROXYBIBENZYL see: KJ5950000
4-AMINO-4'-HYDROXYBIPHENOL see: DV6125000
4-AMINO-3-HYDROXYBIPHENYL see: DV5950000
4-AMINO-3-HYDROXYBIPHENYL SULFATE see: DV6170000
gamma-AMINO-beta-HYDROXYBUTYRIC ACID see: ES7015000
4-AMINO-2-HYDROXYBUTYRIC ACID see: ES7014990
4-AMINO-3-HYDROXYBUTYRIC ACID see: ES7015000
1-N-[L-(-)-4-AMINO-2-HYDROXYBUTYRYL]KANAMYCIN A see: WK1955000
4-AMINO-2-HYDROXY-2,4,6-CYCLOHEPTATRIEN-1-ONE see: GU3829250
5-AMINO-2-HYDROXY-2,4,6-CYCLOHEPTATRIEN-1-ONE see: GU3829500 2,4,6-CYCLOHEPTATRIEN-1-ONE, 5-AMINO-2-HYDROXY-
2-AMINO-3-HYDROXY-1,7-DIHYDRO-7-METHYL-6H-PURIN-6-ONE see: MF8412000
2-AMINO-3-HYDROXY-1,7-DIHYDRO-8-METHYL-6H-PURIN-6-ONE see: MF8414000
3-AMINO-4-HYDROXYDIPHENYL HYDROCHLORIDE see: DV6150000
2-AMINO-6-HYDROXY-9-(2-HYDROXYETHOXYMETHYL)PURINE see: UO7504000
alpha-AMINO-3-HYDROXY-5-ISOXAZOLEACETIC ACID HYDRATE see: NY2100000
alpha-AMINO-3-HYDROXY-5-ISOXAZOLESSIGSAURE HYDRAT (German) see: NY2100000
AMINO-(3-HYDROXY-5-ISOXAZOLYL)ACETIC ACID see: NY2100000
2-AMINO-5-HYDROXYLEVULINIC ACID see: SA3676000
4-AMINO-5-HYDROXYMETHYL-2-METHOXYPYRIMIDINE see: UV9278000
2-AMINO-2-(HYDROXYMETHYL)PROPANE-1,3-DIOL see: TY2900000
2-AMINO-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL see: TY2900000
6-AMINO-2-HYDROXY-5-METHYL-4-PYRIMIDINECARBOXYLIC ACID see: UV7718000
3-AMINO-4-HYDROXYNITROBENZENE see: SJ6300000
4-AMINO-3-HYDROXY-4'-NITRODIPHENYL HYDROCHLORIDE see: DV6250000
L-2-AMINO-3-(HYDROXYNITROSAMINO)PROPIONIC ACID see: UE6490000
2-AMINO-5-HYDROXY-4-OXOPENTANOIC ACID see: SA3676000
2(S),3(R)-2-AMINO-3-HYDROXYPENT-4-YNOIC ACID see: SC4751050
3-AMINO-4-HYDROXY-PHENARSINE HYDROCHLORIDE see: SJ5600000
6-(D-(-)-alpha-AMINO-p-HYDROXYPHENYLACETAMIDO)PENICILLANIC ACID see: XH8300000
((5-(3-AMINO-4-HYDROXYPHENYL)ARSENO)-2-HYDROXYANILINO)METHANOL SULFOXYLATE SODIUM see: WS3680000
(3-AMINO-4-HYDROXYPHENYL)ARSENOUS ACID see: SJ5425000
(3-AMINO-4-HYDROXYPHENYL)ARSONOUS DICHLORIDE MONOHYDROCHLORIDE see: SJ5775000
3-AMINO-4-HYDROXYPHENYLARSINE OXIDE HYDROCHLORIDE see: SJ5600000
3-AMINO-4-HYDROXYPHENYL ARSINOXIDE HYDROCHLORIDE see: SJ5600000
3-AMINO-4-HYDROXYPHENYL DICHLORARSINE HYDROCHLORIDE see: SJ5775000
2-AMINO-3-HYDROXYPHENYL METHYL KETONE see: AM5950000
3-(((3-AMINO-4-HYDROXYPHENYL)PHENYLARSINO)THIO)ALANINE see: AY3155000
4-AMINO-2-HYDROXYTOLUENE see: SJ6090000
5-AMINO-7-HYDROXY-1H-v-TRIAZOLO(d)PYRIMIDINE see: XZ6157000
4-AMINO-5-IMIDAZOLECARBOXAMIDE see: NI3908000
5-AMINOIMIDAZOLE-4-CARBOXAMIDE see: NI7910000
3-(((2-((AMINOIMINOMETHYL)AMINO)-4-THIAZOLYL)METHYL)THIO)-N-(AMINOSULFONYL)PROPANIMIDAMIDE see: UA2300000
N-(AMINOIMINOMETHYL)-N'-(2-BROMO-6-METHYLPHENYL)UREA HYDROCHLORIDE see: YR8441000
N'-(AMINOIMINOMETHYL)-N-BUTYL-N-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YR8441500
N-(AMINOIMINOMETHYL)-N'-(2-CHLORO-6-FLUOROPHENYL)UREA HYDROCHLORIDE see: YR8442000
N'-(AMINOIMINOMETHYL)-N-(2-CHLORO-6-METHYLPHENYL)-N-METHYLUREA HYDROCHLORIDE see: YR8442500
N-(AMINOIMINOMETHYL)-N'-(2-CHLORO-6-METHYLPHENYL)UREA HYDROCHLORIDE see: YR8443000
N-(AMINOIMINOMETHYL)-N'-(4-CYANOPHENYL)UREA HYDROCHLORIDE see: YR8443500
N-(AMINOIMINOMETHYL)-N'-(2,6-DIBROMOPHENYL)UREA HYDROCHLORIDE see: YR8444000
N-(AMINOIMINOMETHYL)-2,6-DICHLOROBENZENEACETAMIDE HYDROCHLORIDE see: CY1481000
N-(AMINOIMINOMETHYL)-N'-(2,6-DICHLOROPHENYL)UREA HYDROCHLORIDE see: YR8444500
N'-(AMINOIMINOMETHYL)-N-(2,6-DIETHYLPHENYL)-N-ETHYLUREA HYDROCHLORIDE see: YR8445600
N'-(AMINOIMINOMETHYL)-N-(2,6-DIETHYLPHENYL)-N-METHYLUREA HYDROCHLORIDE see: YR8445700
N'-(AMINOIMINOMETHYL)-N-(2,6-DIETHYLPHENYL)-N-PROPYLUREA HYDROCHLORIDE see: YR8445800
N-(AMINOIMINOMETHYL)-N'-(2,6-DIETHYLPHENYL)UREA see: YR8445000
N'-(AMINOIMINOMETHYL)-N-(2,6-DIMETHYLPHENYL)-N-ETHYL-UREA HYDROCHLORIDE see: YR8446000
N'-(AMINOIMINOMETHYL)-N-(2,6-DIMETHYLPHENYL)-N-METHYLUREA HYDROCHLORIDE see: YR8446500
N-(AMINOIMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YR8446600
N-(AMINOIMINOMETHYL)-N'-(2-ETHYL-6-METHYLPHENYL)UREA see: YR8447000
N-(AMINOIMINOMETHYL)-N'-(2-METHOXY-6-METHYLPHENYL)UREA see: YR8447500
N-(AMINOIMINOMETHYL)-N'-(2-METHYL-6-NITROPHENYL)UREA HYDROCHLORIDE see: YR8447600
N-(AMINOIMINOMETHYL)-N'-(2-METHYLPHENYL)-UREA HYDROCHLORIDE see: YR8447700
alpha-AMINO-3-INDOLEPROPIONIC ACID see: YN6130000
2-AMINOISOBUTANE see: EO3330000
alpha-AMINOISOBUTANOIC ACID see: AY7000000
beta-AMINOISOBUTANOL see: UA5950000
alpha-AMINOISOBUTYRIC ACID see: AY7000000
alpha-AMINOISOCAPROIC ACID see: OH2850000
AMINOISOMETRADIN see: YQ8800000
AMINOISOMETRADINE see: YQ8800000
3-AMINOISONAPHTHOIC ACID see: QL1400000
5-AMINO-N-ISOPENTYL-2-(2-PROPYNYLOXY)BENZAMIDE see: CV2311000
4-AMINO-2-ISOPROPOXYBENZOIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE see: DG2848000
alpha-AMINOISOPROPYL ALCOHOL see: UA5775000
o-AMINOISOPROPYLBENZENE see: BY4200000
2-AMINOISOPROPYLBENZENE see: BY4200000
5-AMINO-N-ISOPROPYL-2-(2-PROPYNYLOXY)BENZAMIDE see: CV2311500
2-AMINO-N-((1-ISOPROPYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7704800
2-AMINO-ISOQUINOLINIUM PERCHLORATE see: NX5125500
(-)-4-AMINO-3-ISOSSAZOLIDONE (Italian) see: NY2976000
(+)-4-AMINO-3-ISOSSAZOLIDONE (Italian) see: NY2974900
D-4-AMINO-3-ISOSSAZOLIDONE (Italian) see: NY2975000
L(+)-alpha-AMINOISOVALERIC ACID see: YV9361000
(+)-4-AMINO-3-ISOXAZOLIDINONE see: NY2974900
D-4-AMINO-3-ISOXAZOLIDINONE see: NY2975000
L-4-AMINO-3-ISOXAZOLIDINONE see: NY2976000
D-4-AMINO-3-ISOXAZOLIDONE see: NY2975000
AMINOKAPRON see: MO6300000
4-AMINO-2-MERCAPTOBUTYRIC ACID see: ES7017010
2-AMINO-6-((3-MERCAPTO-6-METHYL-2-PYRIDINYL)AMINO)-4-PYRIMIDINOL see: UW6012000
AMINOMERCURIC CHLORIDE see: OV7020000
AMINOMESITYLENE see: BZ0700000
2-AMINOMESITYLENE see: BZ0700000
AMINOMESITYLENE HYDROCHLORIDE see: BZ1050000
2-AMINOMESITYLENE HYDROCHLORIDE see: BZ1050000
6-AMINO-1-METALLYL-3-METHYLPYRIMIDINE-2,4-DIONE see: YQ8800000
AMINOMETHANAMIDINE see: ME7750000
AMINOMETHANE see: PF6300000
1-AMINO-4-METHOXY-9,10-ANTHRAQUINONE see: CB5735100
1-AMINO-2-METHOXYBENZENE see: BZ5410000
1-AMINO-4-METHOXYBENZENE see: BZ5450000
1-AMINO-4-METHOXYBENZENE HYDROCHLORIDE see: BZ6600000
5-(4-AMINO-3-METHOXYBENZYL)-2,4-THIAZOLIDINEDIONE see: XJ5785000
5-(4-AMINO-3-METHOXYBENZYL)THIAZOLIDINE-2,4-DIONE see: XJ5785000
4-AMINO-4'-METHOXY-3-BIPHENYLOL HYDROCHLORIDE see: DV6225000
9-AMINO-7-METHOXY-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE see: GY5899300
2-AMINO-3-METHOXYDIPHENYLENE OXIDE see: HP4725000
2-AMINO-3-METHOXYDIPHENYLENOXYD (German) see: HP4900000
3'-(L-alpha-AMINO-p-METHOXYHYDROCINNAMAMIDO)-3'-DEOXY-N,N-DIMETHYLADENOSINE see: AU7350000
3'-(alpha-AMINO-p-METHOXYHYDROCINNAMAMIDO)-3'-DEOXY-N,N-DIMETHYLADENOSINE DIHYDROCHLORIDE see: AU7352000
1-AMINO-2-METHOXY-5-METHYLBENZENE see: BZ6720000
2-AMINO-4-METHOXY-N-((1-METHYL-2-PIPERIDYL)METHYL)-5-PYRIMIDINECARBOXAMIDE see: UV7705000
4-AMINO-N-(6-METHOXY-2-METHYL-4-PYRIMIDINYL)BENZENESULFONAMIDE see: WP0110000
2-AMINO-4-METHOXY-N-((1-METHYL-2-PYRROLIDINYL)METHYL)-5-PYRIMIDINECARBOXAMIDE see: UV7705200
2-AMINO-1-METHOXYNAPHTHALENE see: QM3250000
2-AMINO-1-METHOXY-4-NITROBENZENE see: BZ7175000
3-AMINO-4-METHOXYNITROBENZENE see: BZ7175000
2-AMINO-4-METHOXY-N-((1-PHENETHYL-2 PYRROLIDINYL)METHYL)-5-PYRROLIDINECARBOXAMIDE see: UV7705400
(S)-3'-((2-AMINO-3-(4-METHOXYPHENYL)-1-OXOPROPYL)AMINO)-3'-DEOXY-N,N-DIMETHYLADENOSINE see: AU7350000
4-AMINO-6-METHOXY-1-PHENYLPYRIDAZINIUM METHYL SULFATE see: UR6066500
4-AMINO-6-METHOXY-1-PHENYLPYRIDAZINIUM-METHYLSULFAT (German) see: UR6066500
2-AMINO-4-METHOXY-N-((1-PROPYL-2-PYRROLIDINYL)METHYL)-5-PYRIMIDINECARBOXAMIDE see: UV7705600
4-AMINO-N-(3-METHOXYPYRAZINYL)BENZENESULFONAMIDE see: WP0175000
4-AMINO-N-(6-METHOXY-3-PYRIDAZINYL)-BENZENESULFONAMIDE (9CI) see: WP0400000
2-(2-AMINO-4-METHOXY-5-PYRIDYL-CARBOXAMIDOMETHYL)-1-ETHYLPYRROLIDINE see: [illegible]
4-AMINO-2-METHOXY-5-PYRIMIDINEMETHANOL see: UV9278000
4-AMINO-N-(5-METHOXY-2-PYRIMIDINYL)BENZENESULFONAMIDE SODIUM SALT see: WP0600000
2-(2-AMINO-4-METHOXY-5-PYRIMIDINYL CARBOXAMIDOMETHYL)-1-ETHYLPYRROLIDINE see: UV7704200
2-AMINO-4-METHOXY-N-(2-(1-PYRROLIDINYL)ETHYL)-5-PYRIMIDINECARBOXAMIDE see: UV7705800
3-AMINO-4-METHOXYTOLUENE see: BZ6720000
3'-AMINO-4'-METHYLACETANILIDE see: AD8580000
3-AMINO-7-METHYLAMINOPHENOTHIAZIN-5-IUM CHLORIDE see: SP5680000
4-AMINO-2-METHYLANILINE see: XS9700000
2-AMINO-4-METHYLANISOLE see: BZ6720000
1-AMINO-2-METHYLANTHRAQUINONE see: CB5740000
1-AMINO-2-METHYLBENZENE see: XU2975000
2-AMINO-1-METHYLBENZENE see: XU2975000
3-AMINO-1-METHYLBENZENE see: XU2800000
4-AMINO-1-METHYLBENZENE see: XU3150000
4-(AMINOMETHYL)-1,2-BENZENEDIOL see: CZ8725000
1-AMINO-2-METHYLBENZENE HYDROCHLORIDE see: XU7350000
2-AMINO-1-METHYLBENZENE HYDROCHLORIDE see: XU7350000
beta-(AMINOMETHYL)BENZENEPROPANOIC ACID see: ES7175000
p-AMINOMETHYLBENZENESULFONAMIDE ACETATE see: XT5250000
2-AMINO-5-METHYLBENZENESULFONIC ACID see: XT6320000
2-AMINO-6-METHYL-BENZOTHIAZOLE see: DL2625000
3-AMINO-alpha-METHYLBENZYL ALCOHOL see: DN5600000
4-AMINO-N-(alpha-METHYLBENZYL)-3-METHYLPYRAZOLE-5-CARBOXAMIDE see: UQ6280700
8-(4-AMINO-1-METHYLBUTYLAMINO)-6-METHOXYQUINOLINE see: VA9650000
3-AMINO-1-METHYL-gamma-CARBOLINE see: UU9354000
2-AMINO-4-METHYL-5-CARBOXANILIDOTHIAZOLE see: XJ2700000
beta-(AMINOMETHYL)-4-CHLOROBENZENEPROPANOIC ACID see: MW5084200
3-AMINOMETHYL-1-(p-CHLOROBENZYL)-3-HYDROXYINDOLIN-2-ONE HYDROCHLORIDE see: NM2081200 2-INDOLINONE, 3-(AMINOMETHYL)-1-(p-CHLOROBENZYL)-3-HYDROXY-, MONOHYDROCHLORIDE
beta-(AMINOMETHYL)-p-CHLOROHYDROCINNAMIC ACID see: MW5084200
trans-p-(AMINOMETHYL)CYCLOHEXANECARBOXYLIC ACID see: GU8400000
trans-1-AMINOMETHYLCYCLOHEXANE-4-CARBOXYLIC ACID see: GU8400000
trans-4-(AMINOMETHYL)CYCLOHEXANECARBOXYLIC ACID see: GU8400000
trans-4-AMINOMETHYLCYCLOHEXANE-1-CARBOXYLIC ACID see: GU8400000
trans-4-AMINOMETHYL-1-CYCLOHEXANECARBOXYLIC ACID see: GU8400000
9-AMINO-5-METHYL-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE see: GY5899400
9-AMINO-7-METHYL-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE see: GY5899450
2-AMINOMETHYL-2,3-DIHYDRO-4H-PYRAN see: UP7750000
2-AMINOMETHYL-3,4-DIHYDRO-2H-PYRAN see: UP7750000
1-alpha-(AMINOMETHYL)-3,4-DIHYDROXYBENZYL ALCOHOL see: DN5950000
2-AMINO-6-METHYLDIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE see: JM5620000
N-AMINOMETHYLDOPA see: MW5298000
2-(2-AMINO-1-METHYLETHYL)HYDROQUINONE HYDROCHLORIDE see: MX3680000
5-(2-AMINO-1-METHYLETHYL)PYROCATECHOL HYDROCHLORIDE see: UX1093000
2-(2-AMINO-1-METHYLETHYL)RESORCINOL HYDROCHLORIDE see: VG9900000
6-(2-AMINO-1-METHYLETHYL)RESORCINOL HYDROCHLORIDE see: VG9901000
4-AMINO-10-METHYLFOLIC ACID see: MA1225000
2-AMINO-4-METHYLHEXANE see: SC0800000
2-AMINO-4-METHYLHEXANE SULFATE see: SC0879200
beta-(AMINOMETHYL)HYDROCINNAMIC ACID see: ES7175000
beta-(AMINOMETHYL)HYDROCINNAMIC ACID BENZYL ESTER see: MW5083000
beta-(AMINOMETHYL)HYDROCINNAMIC ACID ETHYL ESTER see: MW5084500
beta-(AMINOMETHYL)HYDROCINNAMIC ACID HYDROBROMIDE see: ES7185000
beta-(AMINOMETHYL)HYDROCINNAMIC ACID ISOPROPYL ESTER see: MW5086000
beta-(AMINOMETHYL)HYDROCINNAMIC ACID METHYL ESTER see: MW5087000
beta-(AMINOMETHYL)HYDROCINNAMIC ACID PROPYL ESTER see: MW5087100 HYDROCINNAMIC ACID, beta-(AMINOMETHYL)-, PROPYL ESTER
(+)-alpha-(AMINOMETHYL)-m-HYDROXYBENZYL ALCOHOL see: DN7250010
alpha-(AMINOMETHYL)-m-HYDROXYBENZYL ALCOHOL see: DN7250000
alpha-(AMINOMETHYL)-p-HYDROXYBENZYL ALCOHOL see: DN7350000
(+)-alpha-(AMINOMETHYL)-m-HYDROXYBENZYL ALCOHOL HYDROCHLORIDE see: DN7360000
5-AMINOMETHYL-3-HYDROXYISOXAZOLE see: NY3325000

BEST COPY AVAILABLE

2-AMINO-3-METHYLIMIDAZO(4,5-d)QUINOLINE see: NJ5907900
2-AMINO-3-METHYLIMIDAZO(4,5-f)QUINOLINE see: NJ5910000
5-(AMINOMETHYL)-3-ISOXAZOLOL see: NY3325000
5-(AMINOMETHYL)-3(2H)-ISOXAZOLONE see: NY3325000
4-AMINO-N-(5-METHYL-3-ISOXAZOLYL)BENZENESULFONAMIDE see: WP0700000
5-AMINOMETHYL-3-ISOXYZOLE see: NY3325000
L-alpha-AMINO-gamma-METHYLMERCAPTOBUTYRIC ACID see: PD0457000
6-AMINO-3-METHYL-1-(2-METHYLALLYL)-2,4(1H,3H)-PYRIMIDINEDIONE see: YQ8800000
6-AMINO-3-METHYL-1-(2-METHYLALLYL)URACIL see: YQ8800000
alpha-(AMINOMETHYL)-alpha-METHYL-m-CRESOL HYDROCHLORIDE see: GO6829000
alpha-(AMINOMETHYL)-alpha-METHYL-o-CRESOL HYDROCHLORIDE see: GO6829100
alpha-(AMINOMETHYL)-alpha-METHYL-p-CRESOL HYDROCHLORIDE see: GO6829200
6-AMINO-3-METHYL-1-(2-PROPENYL)-2,4(1H,3H)-PYRIMIDINEDIONE see: YQ8800000
4-AMINO-2-METHYL-1-NAPHTHALENOL see: QL3350000
4-AMINO-2-METHYL-1-NAPHTHOL see: QL3350000
3-AMINO-2-METHYL-5-NITROBENZAMIDE see: XS3600000
2-AMINO-6-(1-METHYL-4-NITRO-5-IMIDAZOLYL)MERCAPTOPURINE see: UO7505000
2-AMINO-6-(1"-METHYL-4'-NITRO-5' IMI: AZOLYL)MERCAPTOPURINE see: UO7505000
(E)-2-AMINO-4-(2-(1-METHYL-5-NITROIMIDAZOL-2-YL)VINYL)PYRIMIDINE see: UV6261500
6-AMINO-2-METHYL-5-OCTYL-4-PYRIMIDINOL see: UW6013000
2-AMINO-2-METHYLOL-1,3-PROPANEDIOL see: TY2900000
2-AMINO-4-METHYLPENTANOIC ACID see: OH2850000
6-AMINO-2-METHYL-5-PENTYL-4-PYRIMIDINOL see: UW6014000
5-AMINO-2-METHYLPHENOL see: SJ6090000
4-AMINO-3-METHYL-6-PHENYL-1,2,4-TRIAZIN-5(4H)-ONE see: XZ3015000
1-AMINO-4-METHYLPIPERAZINE DIHYDROCHLORIDE see: TK8062000
1-AMINO-2-METHYLPROPANE see: NP9900000
2-AMINO-2-METHYLPROPANE see: EO3330000
2-AMINO-2-METHYLPROPANOIC ACID see: AY7000000
2-AMINO-2-METHYLPROPANOL see: UA5950000
2-AMINO-2-METHYLPROPAN-1-OL see: UA5950000
2-AMINO-2-METHYL-1-PROPANOL see: UA5950000
2-AMINO-3-(2-METHYLPROPOXY)PROPANE SULFATE see: UI3326000
6-AMINO-2-METHYL-5-PROPYL-4-PYRIMIDINOL see: UW6015000
(-)-alpha-(AMINOMETHYL)PROTOCATECHUYL ALCOHOL see: DN5950000
4-AMINO-N(sup 10)-METHYLPTEROYLGLUTAMIC ACID see: MA1225000
4-AMINO-N(sup 10)-METHYLPTEROYLGLUTAMIC ACID DISODIUM SALT see: MA1232000
5-AMINO-1-METHYLPURINE-6-THIONE see: UP0760000
7-AMINO-2-METHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0718200 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO2-METHYL-
7-AMINO-3-METHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0718300 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO3-METHYL-
7-AMINO-6-METHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0718400 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO6-METHYL-
2-AMINO-4-METHYLPYRIDINE see: TJ5150000
2-AMINO-1-METHYLPYRIDINIUM IODIDE see: UU2150000
2-AMINO-3-METHYL-9H-PYRIDO(2,3-b)INDOLE see: UU9354380
3-AMINO-1-METHYL-5H-PYRIDO(4,3-b)INDOLE see: UU9354000
3-AMINO-1-METHYL-9H-PYRIDO(3,4-b)INDOLE see: UU9353200
3-AMINO-1-METHYL-5H-PYRIDO(4,3-b)INDOLE ACETATE see: UU9355000
2-AMINO-8-METHYL-1H-PYRIDO(3,2-b)PYRIMIDO(4,5-e)(1,4)THIAZIN-4(10H)-ONE see: UV1173250
2-(2-AMINO-4-METHYLPYRIMIDIN-6-YLAMINO)-6-METHYL-1H-PYRIDINIUM-3-THIOLATE see: UT8620000
4-AMINO-N-(4-METHYL-2-PYRIMIDINYL)-BENZENESULFONAMIDE (9CI) see: WP0750000
1-(4-AMINO-2-METHYLPYRIMIDIN-5-YL)METHYL-3-(2-CHLOROETHYL)-3-NITROSOUREA see: YR8450000
N'-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-N-(2-CHLOROETHYL)-N-NITROSOUREA HCl see: YR8450000
3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-1-(2-CHLOROETHYL)-1-NITROSOUREA HYDROCHLORIDE see: YR8450000
3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-5-(2-HYDROXYETHYL)-4-METHYLTHIAZOLIUM CHLORIDE see: XI6550000
(R)-(-)-2-AMINO-N-((1-METHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7706000
2-AMINO-4-(METHYLSELENYL)BUTYRIC ACID see: ES7100000
11-AMINO-2-METHYL-7,8,9,10-TETRAHYDRO-6H-CYCLOHEPTA(b)QUINOLINE see: GU3514700
3-(AMINOMETHYL)-1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHINE DIHYDROCHLORIDE see: CE0195000
2-AMINO-4-METHYLTHIAZOLE see: XJ2620000
L(-)-AMINO-gamma-METHYLTHIOBUTYRIC ACID see: PD0457000
2-(4-AMINO-2-METHYLTHIOPYRIMIDIN-6-YLAMINO)-6-METHYL-1H-PYRIDINIUM-3-THIOLATE see: UT8630000
4-AMINO-3-METHYLTOLUENE see: ZE8925000
2-AMINO-4-METHYLTOLUENE HYDROCHLORIDE see: ZF0350000
4-AMINO-3-METHYLTOLUENE HYDROCHLORIDE see: ZF0175000
4-AMINO-3-METHYL-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)PYRAZOLE-5-CARBOXAMIDE see: UQ6260900
3'-AMINO-3-METHYL-2',4',6'-TRIIODOGLUTARANILIC ACID see: MA3085000
3'-AMINO-N-METHYL-2',4',6'-TRIIODOSUCCINANILIC ACID see: WM4240000
alpha-AMINO-gamma-METHYLVALERIC ACID see: OH2850000
AMINOMETRADINE see: YQ8665000
AMINOMETRAMIDE see: YQ8665000
6-AMINO-3-(MORPHOLINOCARBONYL)COUMARIN see: GN4931750 COUMARIN, 6-AMINO-3-(MORPHOLINOCARBONYL)-
1-AMINONAFTALEN (Czech) see: QM1400000
2-AMINONAFTALEN (Czech) see: QM2100000
1-AMINONAPHTHALENE see: QM1400000
2-AMINONAPHTHALENE see: QM2100000
3-AMINO-2-NAPHTHALENECARBOXYLIC ACID see: QL1400000
7-AMINO-1,3-NAPHTHALENEDISULFONIC ACID see: QJ6132000
1-AMINONAPHTHALENE-4-SULFONIC ACID see: QK1270000
4-AMINO-1-NAPHTHALENESULFONIC ACID see: QK1270000
7-AMINO-1-NAPHTHALENESULFONIC ACID see: QK1271000
AMINONAPHTHALENOL see: QL3000000
3-AMINO-2-NAPHTHOIC ACID see: QL1400000
2-AMINO-1-NAPHTHOL see: QL3000000
1-AMINO-2-NAPHTHOL HYDROCHLORIDE see: QL3335000
1-AMINO-4-NAPHTHOL HYDROCHLORIDE see: QL3342000
2-AMINO-1-NAPHTHOL HYDROCHLORIDE see: QL3340000
4-AMINO-1-NAPHTHOL HYDROCHLORIDE see: QL3342000
AMINO-1,4-NAPHTHOQUINONE see: QL7300000
2-AMINO-1-NAPHTHYLGLUCOSIDURONIC ACID see: LZ7875000
2-AMINO-1-NAPHTHYL HYDROGEN SULFATE see: WS5750000
2-AMINO-1-NAPHTHYL HYDROGEN SULPHATE see: WS5750000
AMINO-NAPHTOCHINON (German) see: QL7300000
6-AMINONICOTINAMIDE see: US4550000
6-AMINONICOTINIC ACID AMIDE see: US4550000
6-AMINO-NICOTINSAEUREAMID (German) see: US4550000
6-AMINONIKOTINSAEUREAMID (German) see: US4550000
2-AMINO-4-NITROANILINE see: ST2975000
4-AMINO-2-NITROANILINE see: ST3000000
2-AMINO-4-NITROANISOLE see: BZ7175000
m-AMINONITROBENZENE see: BY6825000
p-AMINONITROBENZENE see: BY7000000
1-AMINO-2-NITROBENZENE see: BY6650000
1-AMINO-3-NITROBENZENE see: BY6825000
1-AMINO-4-NITROBENZENE see: BY7000000
2-AMINO-4-NITRO-BENZOIC ACID see: CB3675000
2-AMINO-4-NITROBENZYL ALCOHOL see: DN7495200
4-AMINO-2-NITROBENZYL ALCOHOL see: DN7495400
4-AMINO-4'-NITROBIPHENYL see: DV0350000
4-AMINO-4'-NITRO-3-BIPHENYLOL HYDROCHLORIDE see: DV6250000
2-AMINO-5-(5-NITRO-2-FURYL)-1,3,4-OXADIAZOLE see: RO0600000
2-AMINO-5-(5-NITRO-2 FURYL)-1,3,4-THIADIAZOLE see: XI3600000
5-AMINO-2-(5-NITRO-2-FURYL)-1,3,4-THIADIAZOLE see: XI3600000
2-AMINO-4-(5-NITRO-2-FURYL)THIAZOLE see: XJ2850000
trans-5-AMINO-3-(2-(5-NITRO-2-FURYL)-VINYL)-1,2,4-OXADIAZOLE see: RO0610000
2-AMINO-4-(2-(5-NITRO-2-FURYL)VINYL)THIAZOLE see: XJ2854000
3-AMINO-6-(2-(5-NITRO-2-FURYL)VINYL)-as-TRIAZINE, HYDROCHLORIDE see: XY3215000
1-AMINO-4-NITRONAPHTHALENE see: QM4370000
2-AMINO-1-NITRONAPHTHALENE see: QM4374000
2-AMINO-4-NITROPHENOL see: SJ6300000
2-AMINO-5-NITROPHENOL see: SJ6302500
4-AMINO-2-NITROPHENOL see: SJ6303000
2-(4-AMINO-3-NITROPHENOXY)ETHANOL see: KJ6502000 ETHANOL, 2-(4-AMINO-3-NITROPHENOXY)-
2-((4-AMINO-2-NITROPHENYL)AMINO)ETHANOL see: KJ6500000
(1-AMINO-2-(p-NITROPHENYL)ETHYLIDENE)DIPHOSPHINIC ACID DIHYDRATE see: SZ4100000
2-AMINO-5-(p-NITROPHENYLSULFONYL)THIAZOLE see: XJ2870000
2-AMINO-4-(p-NITROPHENYL)THIAZOLE see: XJ2860000
2-AMINO-4-(4-NITRO-2-PYRROLYL)THIAZOLE see: XJ2870020
2-AMINO-4-(5-NITRO-2-PYRROLYL)THIAZOLE see: XJ2870040
L-2-AMINO-3-((N-NITROSO)HYDROXYLAMINO)PROPIONIC ACID see: UE6490000
AMINONITROTHIAZOLE see: XJ2800000
2-AMINO-5-NITROTHIAZOLE see: XJ2800000
AMINONITROTHIAZOLUM see: XJ2800000
2-AMINO-4-(4-NITRO-2-THIENYL)THIAZOLE see: XJ2870060
2-AMINO-4-(5-NITRO-2-THIENYL)THIAZOLE see: XJ2870080
3-AMINO-5-NITRO-o-TOLUAMIDE see: XS3600000
2-AMINO-4-NITROTOLUENE see: XU8225000
3-AMINONORHARMAN see: UU9351650
AMINONUCLEOSIDE see: AU7337000
AMINONUCLEOSIDE PUROMYCIN see: AU7337000
8-AMINOOCTANOIC ACID LACTAM see: CN4830000
N-(5-AMINO-2-(OCTYLOXY)BENZYL)-2-(DIETHYLAMINO)ACETAMIDE DIHYDROCHLORIDE see: AB4381000
6-AMINO-5-OCTYL-4-PYRIMIDINOL see: UW6016000
3-alpha-AMINO-20-OXO-5-alpha-PREGNANE see: TU4375000
alpha-((2-AMINO-1-OXOPROPYL)AMINO)-5-OXO-7-OXABICYCLO(4.1.0)HEPTANE-2-PROPANOIC ACID see: RN8763000
N-(p-(((2-AMINO-4-OXO-6-PTERIDINYL)METHYL)-N-NITROSOAMINO)BENZOYL)-L-GLUTAMIC ACID see: MA0600000
AMINOOXYACETIC ACID see: AF2624000
alpha-(AMINOOXY)-6-BROMO-m-CRESOL see: GO6833000
AMINOOXYTRIPHENE HYDROCHLORIDE see: BA7350000
AMINOPAR see: VO1225000
6-AMINOPENICILLANIC ACID see: XH8225000
D-(-)-alpha-AMINOPENICILLIN see: XH8350000
AMINOPENTAMIDE see: YV4400000
di-AMINOPENTAMIDE HYDROCHLORIDE see: YV4425000
2-AMINOPENTANEDIOIC ACID see: LZ9700000
4-AMINO-2-PENTYLOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG3016000
4-AMINO-2-PENTYLOXYTHIOBENZOIC ACID S-2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG3016500
5-AMINO-N-PENTYL-2-(2-PROPYNYLOXY)BENZAMIDE see: CV2323000
6-AMINO-5-PENTYL-4-PYRIMIDINOL see: UW6017000
4-AMINO-PGA see: MA1050000
AMINOPHEN see: BW6650000
1-AMINOPHENANTHRENE see: SF9450000
2-AMINOPHENANTHRENE see: SF9625000
3-AMINOPHENANTHRENE see: SF9800000
9-AMINOPHENANTHRENE see: SG0175000
AMINOPHENAZONE see: CD2480000
AMINOPHENAZONE see: CD2625000
4-AMINOPHENAZONE see: CD2480000
AMINOPHENAZONE mixed with SODIUM NITRITE (1:1) see: CD2635000
N-(5-AMINO-2-(PHENETHYLOXY)BENZYL)-2-(DIETHYLAMINO)ACETAMIDE DIHYDROCHLORIDE see: AB4387000
1-(p-AMINOPHENETHYL)-4-PHENYLISONIPECOTIC ACID, ETHYL ESTER see: NS5250000
1-(p-AMINOPHENETHYL)-4-PHENYLPIPERIDINE-4-CARBOXYLIC ACID ETHYL ESTER see: NS5250000
2-AMINOPHENETOLE see: SI6465300
p-AMINOPHENETOLE see: SI6465500
4-AMINOPHENETOLE see: SI6465500
m-AMINOPHENOL see: SJ4900000
o-AMINOPHENOL see: SJ4950000
p-AMINOPHENOL see: SJ5075000
2-AMINOPHENOL see: SJ4950000
3-AMINOPHENOL see: SJ4900000
4-AMINOPHENOL see: SJ5075000
m-AMINOPHENOL ANTIMONYL TARTRATE see: SJ6310000
o-AMINOPHENOL ANTIMONYL TARTRATE see: SJ6320000
p-AMINOPHENOL ANTIMONYL TARTRATE see: SJ6330000
2-AMINOPHENOL-4-ARSONIC ACID DIETHYLAMINE SALT see: CF8600000
m-AMINOPHENOL (DOT) see: SJ4900000
o-AMINOPHENOL (DOT) see: SJ4950000
p-AMINOPHENOL (DOT) see: SJ5075000
o-AMINOPHENOL mixed with SODIUM NITRITE (1:1) see: SJ6823000
p-AMINOPHENOL mixed with SODIUM NITRITE see: SJ6823010
2-AMINO-3H-PHENOXAZIN-3-ONE see: SP7695000
2-AMINOPHENOXAZON see: SP7695000
2-AMINOPHENOXAZONE see: SP7695000
1-(p-AMINOPHENOXY)-3-(N(sup 1)-(o-METHOXYPHENYL)-N(sup 4)-PIPERAZINYL)PROPANE 2HCl see: TK8065000 PIPERAZINE, 1-(3-(p-AMINOPHENOXY)PROPYL)-4-(o-METHOXYPHENYL)-, DIHYDROCHLORIDE
4-(p-AMINOPHENOXY)-1-METHYL-4-PHENYLPIPERIDINE see: TM4255000
4-(4-AMINOPHENOXY)-1-METHYL-4-PHENYLPIPERIDINE see: TM4255000
1-(3-(p-AMINOPHENOXY)PROPYL)-4-(o-METHOXYPHENYL)PIPERAZINE DIHYDROCHLORIDE see: TK8065000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

AMINOPHENUROBUTANE see: YS4200000
N-(p-AMINOPHENYL)ACETAMIDE see: AD8225000
N-(4-AMINOPHENYL)ACETAMIDE see: AD8225000
2-AMINO-2-PHENYLACETAMIDE HYDROBROMIDE see: AB4395000
alpha-AMINO-alpha-PHENYLACETAMID HYDROBROMID (German) see: AB4395000
7-(D-alpha-AMINOPHENYL-ACETAMIDO)CEPHALOSPORANIC ACID see: XI0345000
7-(D-alpha-AMINOPHENYLACETAMIDO)DESACETOXYCEPHALOSPORANIC ACID see: XI0350000
7-(D-2-AMINO-2-PHENYLACETAMIDO)-3-METHYL-delta (sup 3)-CEPHEM-4- CARBOXYLIC ACID see: XI0350000
6-(D(-)-alpha-AMINOPHENYLACETAMIDO)PENICILLANIC ACID see: XH8350000
6-(D-alpha-AMINOPHENYLACETAMIDO)PENICILLANIC ACID PIVALOYLOXYMETHYL ESTER HYDROCHLORIDE see: XH8450000
4'-(p-AMINOPHENYL)ACETANILIDE see: AD8585000
(p-AMINOPHENYL)ACETIC ACID see: AF3550000
4-AMINOPHENYLACETIC ACID see: AF3550000
AMINOPHENYLARSINE ACID see: CF7875000
p-AMINOPHENYLARSINE ACID see: CF7875000
p-AMINOPHENYLARSINE OXIDE DIHYDRATE see: CG7250000
p-AMINOPHENYLARSINIC ACID see: CF7875000
p-AMINOPHENYLARSONIC ACID see: CF7875000
4-AMINOPHENYLARSONIC ACID see: CF7875000
(4-AMINOPHENYL)ARSONIC ACID SODIUM SALT see: CF9625000
(4-AMINOPHENYL)ARSONIC ACID SODIUM TETRAHYDRATE see: CF9630000
m-((p-AMINOPHENYL\AZO)BENZYL ALCOHOL see: DN7710000
3-((p-AMINOPHENYL)AZO)BENZYL ALCOHOL see: DN7720000
beta-AMINO-alpha-PHENYLBENZENEETHANOL see: KJ5950000
5-AMINO-3-PHENYL-1-BIS (DIMETHYL-AMINO)-PHOSPHORYLE-1,2,4-TRIAZOLE (French) see: TA1400000
5-AMINO-3-PHENYL-1-BIS(DIMETHYLAMINO)-PHOSPHORYL-1H-1,2,4-TRIAZOL (German) see: TA1400000
4-AMINO-3-PHENYLBUTANOIC ACID see: ES7175000
4-AMINO-3-PHENYLBUTANOIC ACID HYDROBROMIDE see: ES7185000
2-AMINO-1-PHENYL-1-BUTANOL see: DN7870000
beta-AMINO-alpha-PHENYLBUTYL ALCOHOL see: DN7870000
1-p-AMINOPHENYL-2-sec-BUTYLAMINOETHANOL see: DN3170000
2-(p-AMINOPHENYL)-3-(3-BUTYLAMINOPROPYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6176000
4-AMINO-3-PHENYLBUTYRIC ACID see: ES7175000
2-(p-AMINOPHENYL)BUTYRIC ACID see: ES7174970
4-AMINO-3-PHENYLBUTYRIC ACID HYDROBROMIDE see: ES7185000
1-((p-AMINOPHENYL)CARBAMOYL)-4-PHENYL-ISONIPECOTIC ACID ETHYL ESTER see: NS5254000
2-(p-AMINOPHENYL)CYCLOHEXANONE HYDROCHLORIDE see: GW1070000
(- -)-2(a)-AMINO-3(a)-PHENYL-trans-DECALIN METHANESULFONATE see: QJ0352600
NAPHTHALEN-2-axial-AMINE, DECAHYDRO-3-axial-PHENYL-, METHANESULFONATE, (+ -)-
(- -)-2(a)-AMINO-3(e)-PHENYL-trans-DECALIN METHANESULFONATE see: QJ0352700
NAPHTHALEN-2-axial-AMINE, DECAHYDRO-3-equatorial-PHENYL-, METHANESULFONATE, (- -)-
(- -)-2(e)-AMINO-3(a)-PHENYL-trans-DECALIN METHANESULFONATE see: QJ0352800
NAPHTHALEN-2-equatorial-AMINE, DECAHYDRO-3-axial-PHENYL-, METHANESULFONATE, (- -)-
6-(4-AMINOPHENYL)-4,5-DIHYDRO-5-METHYL-3(2H)-PYRIDAZINONE see: UR6330000
1-AMINO-1-PHENYLETHANE see: DP5775000
1-AMINO-2-PHENYLETHANE see: SG8750000
p-AMINOPHENYL ETHER see: BY7900000
4-AMINOPHENYL ETHER see: BY7900000
N-(p-AMINOPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-UREA DIHYDROCHLORIDE see: YR8480000
p-AMINOPHENYL ETHYL ETHER HYDROCHLORIDE see: SI7051000
2-(p-AMINOPHENYL)-2-ETHYLGLUTARIMIDE see: MA4026950
alpha-(p-AMINOPHENYL)-alpha-ETHYLGLUTARIMIDE PHOSPHATE see: MA4027000
2-(p-AMINOPHENYL)-2-ETHYLGLUTARIMIDE PHOSPHATE see: MA4027000
N-beta-(p-AMINOPHENYL)ETHYLNORMEPERIDINE see: NS5250000
N-(beta-(p-AMINOPHENYL)ETHYL)-4-PHENYL-4-CARBETHOXYPIPERIDINE see: NS5250000
1-(2-(4-AMINOPHENYL)ETHYL)-4-PHENYL-4-PIPERIDINECARBOXYLIC ACID ETHYL ESTER see: NS5250000
5-(o-AMINOPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8520200
5-(p-AMINOPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8520400
5-(2'-AMINOPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8520200
5-(4'-AMINOPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8520400
2-AMINO-4-(PHENYLHYDROXYARSINO)PHENOL HYDROCHLORIDE see: SJ6375000
p-AMINOPHENYL p-HYDROXYCARBANILATE see: FD8950000
O-(p-AMINOPHENYL)-N-(p-HYDROXYPHENYL)URETHAN see: FD8950000
4-((4-AMINOPHENYL)(4-IMINO-2,5-CYCLOHEXADIEN-1-YLIDENE)METHYL)-2-METHYLBENZENAMINE see: CX9849000
p-AMINOPHENYL IODIDE see: BY3850000
p-AMINOPHENYLMERCURIC ACETATE see: OV5550000
3-AMINOPHENYLMETHANE see: XU2800000
2-(p-AMINOPHENYL)-6-METHYLBENZOTHIAZOLYL-7-SULFONIC ACID see: DL6420000
3-(p-AMINOPHENYL)-1-METHYL-1H-IMIDAZO(4,5-c)PYRIDIN-2(3H)-ONE see: NJ5830890
2-AMINO-5-PHENYL-4(5H)-OXAZOLONE see: RQ2975000
p-AMINOPHENYL PHENYL ETHER see: BY7930000
4-AMINOPHENYL PHENYL ETHER see: BY7930000
(m-AMINOPHENYL)PHENYLPHOSPHINIC ACID see: SZ4103100
(p-AMINOPHENYL)PHENYLPHOSPHINIC ACID see: SZ4103300
(m-AMINOPHENYL)PHOSPHONIC ACID see: SZ6561100
(o-AMINOPHENYL)PHOSPHONIC ACID see: SZ6561200
(p-AMINOPHEN/L)PHOSPHONIC ACID see: SZ6561300
(3-AMINOPHENYL)PHOSPHONIC ACID see: SZ6561100
(4-AMINOPHENYL)PHOSPHONIC ACID see: SZ6561300
d-2-AMINO-1-PHENYLPROPANE see: SH9100000
(- -)-2-AMINO-1-PHENYLPROPANE SULFATE see: SI1750000
2-AMINO-1-PHENYL-1-PROPANOL see: RC2275000
(- -)-2-AMINO-1-PHENYL-1-PROPANOL HYDROCHLORIDE see: DN4200000
2-AMINO-1-PHENYLPROPANOL HYDROCHLORIDE see: DN4199900
2-AMINO-1-PHENYL-1-PROPANOL HYDROCHLORIDE see: RC2975000
1-(4-AMINOPHENYL)-1-PROPANONE see: UG7350000
alpha-AMINO-beta-PHENYLPROPIONIC ACID see: AY7535000
4-AMINO-N-(1-PHENYL-1H-PYRAZOL-5-YL)BENZENESULFONAMIDE see: DA9520000
1-(3-AMINOPHENYL)-2-(1H)-PYRIDINONE see: UV1146000
AMINOPHENYLPYRIDONE see: UV1146000
1-m-AMINOPHENYL-2-PYRIDONE see: UV1146000
1-(3-AMINOPHENYL)-2-PYRIDONE see: UV1146000
p-AMINOPHENYLSALSOLIDINE see: CX9795000
N-(4-AMINOPHENYL)SALSOLIDINE see: CX9795000
p-AMINOPHENYLSTIBINSAURES NATRIUM (German) see: CY1205000
p-AMINOPHENYLSULFONAMIDE see: WO8400000
4-AMINOPHENYLSULFONAMIDE see: WO8400000
5-(4-AMINOPHENYLSULFONAMIDO)-3,4-DIMETHYLISOXAZOLE see: WO9100000
4-(4'-AMINOPHENYLSULFONAMIDO)PHENYLSULFONDIMETHYLAMIDE see: WP3870000
N-((4-AMINOPHENYL)SULFONYL)ACETAMIDE see: ACB450000
4-(((4-AMINOPHENYL)SULFONYL)AMINO)-N,N-DIMETHYLBENZENESULFONAMIDE see: WP3870000
4-AMINOPHENYLSULFONYLAMINOMETHANESULFONIC ACID TRIETHANOLAMINE SALT see: PB2690000
5-(4-AMINOPHENYLSULPHONAMIDO)-3,4-DIMETHYLISOXAZOLE see: WO9100000
3-(para-AMINOPHENYLSULPHONAMIDO)-5-METHYLISOXAZOLE see: WP0700000
3-AMINO-5-PHENYL-as-TRIAZINE see: XY3217950
5-AMINO-3-PHENYL-1,2,4-TRIAZOLE-1-YL-N,N,N',N'-TETRAMETHYLPHOSPHODIAMIDE see: TA1400000
5-AMINO-3-PHENYL-1,2,4-TRIAZOLYL-1-BIS(DIMETHYLAMIDO)PHEOSPHATE see: TA1400000
5-AMINO-3-PHENYL-1,2,4-TRIAZOLYL-NNN'N'-TETRAMETHYL-PHOSPHONAMIDE see: TA1400000
p-(5-AMINO-3-PHENYL-1H-1,2,4-TRIAZOL-1-YL)-N,N,N'-TETRAMETHYL PHOSPHONIC DIAMIDE see: TA1400000
(p-AMINOPHENYL)TRIMETHYLAMMONIUM IODIDE see: BO4565020
4-AMINOPHENYLTRIMETHYLAMMONIUM IODIDE see: BO4565020
4-AMINOPHTHALIC ACID 1-sec-BUTYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER see: TH9711000
4-AMINOPHTHALIC ACID 1-BUTYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER CITRATE see: TH9713000
3-AMINOPHTHALIC ACID 1-sec-BUTYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER CITRATE see: TH9712000
3-AMINOPHTHALIC ACID 1-BUTYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROBROMIDE see: TH9714000
3-AMINOPHTHALIC ACID 1-(3-(DIBUTYLAMINO)PROPYL) 2-PROPYL ESTER HYDROCHLORIDE see: TH9717000
3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-sec-BUTYL ESTER HYDROBROMIDE see: TH9715000
3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-BUTYL ESTER HYDROCHLORIDE see: TH9716000
3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-DODECYL ESTER CITRATE see: TH9718000
3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-ETHYL ESTER HYDROCHLORIDE see: TH9719000
3-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-ETHYL ESTER HYDROCHLORIDE see: TH9720000
4-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-ETHYL ESTER HYDROCHLORIDE see: TH9721000
3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-HEXYL ESTER HYDROCHLORIDE see: TH9723000
3-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-HEXYL ESTER CITRATE see: TH9722000
3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-ISOBUTYL ESTER HYDROCHLORIDE see: TH9726000
3-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-ISOBUTYL ESTER HYDROBROMIDE see: TH9725000
4-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-ISOBUTYL ESTER CITRATE see: TH9724000
3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-ISOPROPYL ESTER HYDROCHLORIDE see: TH9729000
4-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-ISOPROPYL ESTER CITRATE see: TH9728000
3-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-ISOPROPYL ESTER CITRATE see: TH9727000
3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-METHYL ESTER HYDROCHLORIDE see: TH9730000
4-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-METHYL ESTER HYDROCHLORIDE see: TH9732000
3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-OCTADECYL ESTER see: TH9733000
3-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-PENTYL ESTER CITRATE see: TH9734000
3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-PENTYL ESTER HYDROCHLORIDE see: TH9735000
3-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-PROPYL ESTER HYDROBROMIDE see: TH9736000
4-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-PROPYL ESTER HYDROBROMIDE see: TH9737000
3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-PROPYL ESTER HYDROCHLORIDE see: TH9738000
3-AMINOPHTHALIC ACID 1-(2,2-DIMETHYL-3-(DIMETHYLAMINO)PROPYL) 2-PROPYL ESTER HYDROBROMIDE see: TH9739000
3-AMINOPHTHALIC ACID 2-(2,2-DIMETHYL-3-(DIMETHYLAMINO)PROPYL) 1-PROPYL ESTER HYDROBROMIDE see: TH9740000
4-AMINOPHTHALIC ACID 2-(2-(DIPROPYLAMINO)ETHYL) 1-ETHYL ESTER HYDROCHLORIDE see: TH9741000
4-AMINOPHTHALIC ACID 1-ETHYL 2-(2-MORPHOLINOETHYL) ESTER HYDROCHLORIDE see: TH9780000
4-AMINOPHTHALIC ACID 1-ETHYL 2-(2-PIPERIDINOETHYL) ESTER HYDROCHLORIDE see: TH9790000
3-AMINOPHTHALIC ACID 1-METHYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE see: TH9731000
AMINOPHYLLINE see: XH3850000
AMINOPHYLLINE see: XH5600000
alpha-AMINO-gamma-PICOLINE see: TJ5130000
2-AMINO-4-PICOLINE see: TJ5150000
AMINOPIELIK D see: DG7506100
6-AMINO-3-(PIPERIDINOCARBONYL)COUMARIN see: GN4932000 COUMARIN, 6-AMINO-3-(PIPERIDINOCARBONYL)-
6-AMINO-3-((PIPERIDINOCARBONYL)METHYL)COUMARIN see: GN4932100 COUMARIN, 6-AMINO-3-((PIPERIDINOCARBONYL)METHYL)-
3-alpha-AMINO-5-alpha-PREGNAN-20-alpha-OL see: TU4200000
3-alpha-AMINO-5-alpha-PREGNAN-20-ONE see: TU4375000
2-AMINO-PROPAAN (Dutch) see: NT8400000
2-AMINOPROPAN (German) see: NT8400000
1-AMINOPROPANE see: UH9100000
2-AMINOPROPANE see: NT8400000
1-AMINOPROPANE-1,3-DICARBOXYLIC ACID see: LZ9700000
3-AMINOPROPANENITRILE see: UG0350000
2-AMINO-PROPANO (Italian) see: NT8400000
1-AMINOPROPAN-2-OL see: UA5775000
1-AMINO-2-PROPANOL see: UA5775000
3-AMINOPROPENE see: BA5425000
4-(2-AMINOPROPIONAMIDO)-3,4,4a,5,6,7-HEXAHYDRO-5,6,8-TRIHYDROXY-3-METHYLISOCOUMARIN see: NQ7800000
alpha-(2-AMINOPROPIONAMIDO)-5-OXO-7-OXABICYCLO(4.1.0)HEPTANE-2-PROPIONIC ACID see: RN4863000
beta-AMINOPROPIONITRILE see: UG0350000
3-AMINOPROPIONITRILE see: UG0350000
beta-AMINOPROPIONITRILE, FUMARATE see: UG0700000
p-AMINOPROPIOPHENONE see: UG7350000
3-AMINO-4-PROPOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG3065000
4-AMINO-2-PROPOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG3066000

BEST COPY AVAILABLE

4-AMINO-2-PROPOXYBENZOIC ACID 3-PIPERIDINOPROPYL ESTER DIHYDROCHLORIDE see: DG3067000
4-AMINO-2-PROPOXYTHIOBENZOIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROGEN PHOSPHATE see: DG3067500
4-AMINO-2-PROPOXYTHIOBENZOIC ACID 2-(2-METHYLPIPERIDINO)ETHYL ESTER DIHYDROCHLORIDE see: DG3067600
4-AMINO-2-PROPOXYTHIOBENZOIC ACID S-(2-(PIPERIDINO)ETHYL) ESTER HYDROCHLORIDE see: DG3067700
4-AMINO-2-PROPOXYTHIOBENZOIC ACID 3-PIPERIDINOPROPYL ESTER DIHYDROCHLORIDE see: DG3067800
2-((3-AMINOPROPYL)AMINO)-ETHANETHIOL, DIHYDROGEN PHOSPHATE ESTER (9CI) see: TE6491000
S-omega-(3-AMINOPROPYLAMINO)ETHYL DIHYDROGEN PHOSPHOROTHIOATE see: TE6491000
S,2-(3-AMINOPROPYLAMINO)ETHYL-PHOSPHOROTHIOIC ACID see: TE6491000
AMINOPROPYL AMINOETHYL THIOPHOSPHATE see: TE6491000
N-(3-AMINOPROPYL)AZIRIDINE see: CM6342000
1-(3-AMINOPROPYL)AZIRIDINE see: CM6342000
beta-AMINOPROPYLBENZENE see: SH9000000
alpha-(1-AMINOPROPYL)BENZENEMETHANOL see: DN7870000
alpha-(alpha-AMINOPROPYL)BENZYL ALCOHOL see: DN7870000
3-(2-AMINOPROPYL)-2-(p-BROMOPHENYL)INDOLE see: NL4585000
3-(2-AMINOPROPYL)-2-(p-CHLOROPHENYL)INDOLE see: NL4660500
AMINOPROPYLDIETHANOLAMINE (DOT) see: KJ6630000
3-AMINOPROPYLENE see: BA5425000
1-((3-(N-AMINOPROPYL-N-ETHYLAMINO)PROPYL)AMINO)-9-METHOXY-5-METHYL-6H-PYRIDO(4,3-b)CARBAZOLE see: UU8819000
4-(alpha-(2-AMINOPROPYL)-p-HYDROXYBENZYL)-o-CRESOL see: GO6839000
3-(2-AMINOPROPYL)INDOLE, ACETATE see: NL4575000
3-(2-AMINOPROPYL)INDOLE HYDROCHLORIDE see: NL4709000
3-(2-AMINOPROPYL)-2-(p-METHOXYPHENYL)INDOLE see: NL4706000
4-AMINOPROPYLMORPHOLINE see: QD7700000
4-(3-AMINOPROPYL)MORPHOLINE DIPHENYLDISULFONATE see: QD7720000
n-AMINOPROPYLMORPHOLINE (DOT) see: QD7700000
AMINOPROPYLON see: UE3090300
AMINOPROPYLONE see: UE3090300
(-)-p-(2-AMINOPROPYL)PHENOL HYDROCHLORIDE see: SJ6660000
3-(2-AMINOPROPYL)-2-PHENYLINDOLE see: NL4711000
N-(3-AMINOPROPYL)-1,3-PROPANEDIAMINE mixed with SODIUM NITRITE see: JL9625200
5-AMINO-N-PROPYL-2-(2-PROPYNYLOXY)BENZAMIDE see: CV2338500
6-AMINO-5-PROPYL-4-PYRIMIDINOL see: UW6018000
1-((4-AMINO-2-PROPYL-5-PYRIMIDINYL)METHYL)-2-METHYLPYRIDINIUM CHLORIDE see: TJ7560000
1-((4-AMINO-2-PROPYL-5-PYRIMIDINYL)METHYL)-2-PICOLINIUM CHLORIDE see: TJ7560000
3'-AMINO-N-PROPYL-2',4',6'-TRIIODOSUCCINANILIC ACID see: WM4260000
4-(5-AMINO-2-(2-PROPYNYLOXY)BENZOYL)MORPHOLINE HYDROCHLORIDE see: QD7750000
1-(5-AMINO-2-(2-PROPYNYLOXY)BENZOYL)PIPERIDINE HYDROCHLORIDE see: TM4260000
AMINOPTERIDINE see: MA1050000
AMINOPTERIN see: MA1050000
AMINOPTERIN and SULFANILAMIDE see: MA1243000
4-AMINOPTEROYLGLUTAMIC ACID see: MA1050000
2-AMINOPURINE see: UO7475000
6-AMINOPURINE see: AU6125000
6-AMINO-1H-PURINE see: AU6125000
6-AMINO-3H-PURINE see: AU6125000
6-AMINO-9H-PURINE see: AU6125000
2-AMINOPURINE-6-THIOL see: UP0740000
6-AMINOPURINE-2-THIOL see: UP0150000
2-AMINOPURINE-6-(1H)-THIONE see: UP0740000
(1R,2S,3R,5R)-3-(6-AMINO-9H-PURIN-9-YL)-5-(HYDROXYMETHYL)-1,2-CYCLOPENTANEDIOL see: GY4250000
7-AMINOPYRAZOLO(1,5-a)PYRIMIDINE see: UR0717100 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-
4'-(3-AMINO-4-PYRAZOLYL)-2,2,2-TRICHLOROACETOPHENONE see: AM5965100
1-AMINOPYRENE see: UR2275000
3-AMINOPYRENE see: UR2275000
AMINOPYRIDINE see: US1574000
alpha-AMINOPYRIDINE see: US1575000
beta-AMINOPYRIDINE see: US1650000
gamma-AMINOPYRIDINE see: US1750000
o-AMINOPYRIDINE see: US1575000
p-AMINOPYRIDINE see: US1750000
AMINO-2 PYRIDINE see: US1575000
AMINO-3 PYRIDINE see: US1650000
AMINO-4 PYRIDINE see: US1750000
2-AMINOPYRIDINE see: US1575000
3-AMINOPYRIDINE see: US1650000
4-AMINOPYRIDINE see: US1750000
2-AMINOPYRIDINE (DOT) see: US1575000
3-AMINOPYRIDINE (DOT) see: US1650000
4-AMINOPYRIDINE (DOT) see: US1750000
2-AMINOPYRIDINE HYDROCHLORIDE see: US1819500
4-AMINOPYRIDINE HYDROCHLORIDE see: US1821000
2-AMINOPYRIDINE METHIODIDE see: UU2150000
2-AMINOPYRIDINIUM IODOMETHYLATE see: UU2150000
3-AMINO-5-(4-PYRIDINYL)-2(1H)-PYRIDINONE see: DW2500000
2-AMINO-9H-PYRIDO(2,3-b)INDOLE see: UU9351600
3-AMINO-9H-PYRIDO(3,4-b)INDOLE see: UU9351650
2-AMINO-11H-PYRIDO(2,1-b)QUINAZOLIN-11-ONE see: UV1176500
2-AMINO-N-(2-PYRIDYL)ETHANESULFONAMIDE HYDROCHLORIDE see: KI7213000
3-AMINO-5-(4-PYRIDYL)-1,2,4(H)-TRIAZOLE see: US2210000
AMINOPYRINE see: CD2625000
AMINOPYRINE see: US1574000
AMINOPYRINE-BARBITAL see: UW5969200
AMINOPYRINE mixed with SODIUM NITRITE (1:1) see: CD2635000
AMINOPYRINE SODIUM SULFONATE see: PB1300000
6-AMINO-3-(1-PYRROLIDINYLCARBONYL)COUMARIN see: GN4932800 COUMARIN, 6-AMINO-3-(1-PYRROLIDINYLCARBONYL)-
6-AMINO-3-((1-PYRROLIDINYLCARBONYL)METHYL)COUMARIN see: GN4932900 COUMARIN, 6-AMINO-3-((1-PYRROLIDINYLCARBONYL)METHYL)-
alpha-AMINO-1H-PYRROLO(2,3-b)PYRIDINE-3-PROPIONIC ACID see: UY8810000
AMINOQUINCARBAMIDE DIHYDROCHLORIDE see: YS1950300
5-AMINOQUINOLINE see: VA9625000
4-AMINOQUINOLINE-1-OXIDE see: VA9662000
(3-AMINOQUINUCLIDINIUM)TRICHLOROPLATINUM(II) see: TP2166000
AMINO REDUCTONE see: CI7662000
6-AMINO-9-beta-D-RIBOFURANOSYL-9H-PURINE see: AU7175000
4-AMINO-1-beta-D-RIBOFURANOSYL-2(1H)-PYRIMIDINONE see: UW7370000
4-AMINO-7-(beta-D-RIBOFURANOSYL)-PYRROLO(2,3-d)PYRIMIDINE see: UY8870000
4-AMINO-7-beta-D-RIBOFURANOSYL-7H-PYRROLO(2,3-d)PYRIMIDINE see: UY8870000
4-AMINO-7-beta-D-RIBOFURANOSYL-7H-PYRROLO(2,3-d)PYRIMIDINE-5-CARBONITRILE see: UY9100000
4-AMINO-1-beta-D-RIBOFURANOSYL-D-TRIAZIN-2(1H)-ONE see: XZ3017500
AMINOSALICYLIC ACID see: VO1225000
m-AMINOSALICYLIC ACID see: VO1400000
p-AMINOSALICYLIC ACID see: VO1225000
4-AMINOSALICYLIC ACID see: VO1225000
5-AMINOSALICYLIC ACID see: VO1400000
p-AMINOSALICYLIC ACID CALCIUM SALT see: VO1470000
p-AMINOSALICYLIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: VO1602000
p-AMINOSALICYLIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: VO1620000
p-AMINOSALICYLIC ACID ETHYL ESTER see: VO1625000
p-AMINOSALICYLIC ACID HYDRAZIDE see: VO1638000
p-AMINOSALICYLIC ACID, 1-METHYL-4-PIPERIDYL ESTER HYDROCHLORIDE see: VO1684000
4-AMINO-SALICYLIC ACID 3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE see: VO1690000
p-AMINOSALICYLSAEUREDIAETHYLAMINOAETHYLESTER-CHLORHYDRAT (German) see: VO1602000
p-AMINOSALICYLSAEURE (German) see: VO1400000
4-AMINO-SALICYLSAEURE-(beta-(N-PIPERIDINO)-AETHYL) ESTER CHLORHYDRAT (German) see: VO1685000
2-AMINOSELENOAZOLIN (German) see: VS6552000
2-AMINOSELENOAZOLINE see: VS6552000
AMINOSIDIN see: WK2315000
AMINOSIDINE see: WK2315000
AMINOSIDINE I see: WK2315000
AMINOSIDIN SULFATE see: WK2320000
AMINOSIDINE SULFATE see: WK2320000
AMINOSIDINE SULPHATE see: WK2320000
AMINOSIN see: YR8050000
p-AMINOSTILBENE see: WJ3500000
4-AMINOSTILBENE see: WJ3500000
trans-4-AMINOSTILBENE see: WJ3540000
2-(p-AMINOSTYRYL)-6-(p-ACETYLAMINOBENZOYLAMINO)QUINOLINE METHOACETATE see: VC3500000
4-AMINO-2-SULFAMOYLBENZOIC ACID ISOPROPYL ESTER see: DG3100300
1-AMINO-4-SULFONAPHTHALENE see: QK1270000
AMINOSULFONIC ACID see: WO5950000
3-(AMINOSULFONYL)-5-(BUTYLAMINO)-4-PHENOXYBENZOIC ACID see: DG4910000
3-(AMINOSULFONYL)-4-CHLORO-N-(2,3-DIHYDRO-2-METHYL-1H-INDOL-1-YL)BENZAMIDE see: CV2449850
5-(AMINOSULFONYL)-4-CHLORO-2-((2-FURANYLMETHYL)AMINO)BENZOIC ACID see: CB2625000
5-(AMINOSULFONYL)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-2-METHOXYBENZAMIDE see: BZ3400000
3-(AMINOSULFONYL)-4-PHENOXY-5-(1-PYRROLIDINYL)-BENZOIC ACID see: DG3102000
N-(5-(AMINOSULFONYL)-1,3,4-THIADIAZOL-2-YL)ACETAMIDE see: AC8225000
4-(AMINOSULFONYL)PHENYL DIETHYL PHOSPHATE see: TC0820000
O-(4-(AMINOSULFONYL)PHENYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TF2050000
4-(AMINOSULFONYL)PHENYL DIMETHYL PHOSPHATE see: TC3150000
O-(4-(AMINOSULFONYL)PHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TF7525000
7-AMINO-2,3,5,6-TETRAMETHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0719100 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-2,3,5,6-TETRAMETHYL-
AMINOTHIADIAZOLE see: XI3000000
2-AMINO-1,3,4-THIADIAZOLE see: XI3000000
2-AMINO-1,3,4-THIADIAZOLE HYDROCHLORIDE see: XI3150000
2-AMINO-1,3,4-THIADIAZOLE, MONOHYDROCHLORIDE see: XI3150000
2-AMINO-1,3,4-THIADIAZOLE-5-SULFONAMIDE SODIUM SALT see: XI4400000
AMINOTHIAZOLE see: XJ2100000
2-AMINOTHIAZOLE see: XJ2100000
4-AMINO-N-2-THIAZOLYLBENZENESULFONAMIDE see: WP2360000
1-(2-AMINOTHIAZOLY)-2-(5-NITRO-2-FURYL)ETHYLENE see: XJ2854000
2-((2-(5-AMINO-2-THIENYL)-4-QUINAZOLINYL)AMINO)ETHANOL see: KJ6800000
3-((2-(5-AMINO-2-THIENYL)-4-QUINAZOLINYL)AMINO)-1,2-PROPANEDIOL see: TY3165000
p-AMINOTHIOBENZOIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER DIHYDROCHLORIDE see: DG3328000
p-AMINOTHIOBENZOIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE see: DG3329000
N-AMINOTHIOUREA see: VT4200000
3-AMINOTOLUEN (Czech) see: XU2800000
4-AMINOTOLUEN (Czech) see: XU3150000
m-AMINOTOLUENE see: XU2800000
o-AMINOTOLUENE see: XU2975000
p-AMINOTOLUENE see: XU3150000
2-AMINOTOLUENE see: XU2975000
3-AMINOTOLUENE see: XU2800000
4-AMINOTOLUENE see: XU3150000
o-AMINOTOLUENE HYDROCHLORIDE see: XU7350000
2-AMINOTOLUENE HYDROCHLORIDE see: XU7350000
4-AMINOTOLUENE HYDROCHLORIDE see: XU7525000
4-AMINOTOLUENE-3-SULFONIC ACID see: XT6320000
6-AMINO-m-TOLUENESULFONIC ACID see: XT6320000
p-AMINO-alpha-TOLUIC ACID see: AF3550000
3-AMINO-p-TOLUIDINE see: XS9625000
5-AMINO-o-TOLUIDINE see: XS9625000
o-(4-AMINO-m-TOLYLAZO)PHENOL see: SJ6933000
AMINOTRIACETIC ACID see: AJ0175000
3-AMINO-as-TRIAZINE see: XY2969000
AMINOTRIAZOLE see: XZ3850000
2-AMINOTRIAZOLE see: XZ3850000
2-AMINO-1,3,4-TRIAZOLE see: XZ3850000
3-AMINOTRIAZOLE see: XZ3850000
3-AMINO-s-TRIAZOLE see: XZ3850000
3-AMINO-1,2,4-TRIAZOLE see: XZ3850000
3-AMINO-1H-1,2,4-TRIAZOLE see: XZ3850000
AMINOTRIAZOLE (PLANT REGULATOR) see: XZ3850000
AMINO TRIAZOLE WEEDKILLER 90 see: XZ3850000
5-AMINO-1H-v-TRIAZOLO(d)PYRIMIDIN-7-OL see: XZ6157000
AMINOTRIAZOL-SPRITZPULVER see: XZ3850000
4-AMINO-3,5,6-TRICHLORPICOLINIC ACID see: TJ7525000
4-AMINO-3,5,6-TRICHLORO-2-PICOLINIC ACID see: TJ7525000
4-AMINO-3,5,6-TRICHLORPICOLINSAEURE (German) see: TJ7525000
1-AMINOTRICYCLO(3.3.1.1(sup 3,7))DECANE see: YD1925000
3-AMINO-2,4,6-TRIIODO-BENZOIC ACID see: DG3349000
N-(3-AMINO-2,4,6-TRIIODOBENZOYL)-N-(2-CARBOXYETHYL)ANILINE see: AY3170000
3-((3-AMINO-2,4,6-TRIIODOBENZOYL)PHENYLAMINO)PROPIONIC ACID see: AY3170000
beta-(N-(3-AMINO-2,4,6-TRIIODOBENZOYL)PHENYLAMINO)PROPIONIC ACID see: AY3170000
2-(3-AMINO-2,4,6-TRIIODOBENZYL)BUTYRIC ACID see: MW5075000
3'-AMINO-2',4',6'-TRIIODO-N-METHYLGLUTARANILIC ACID see: SA3678000
3-(3-AMINO-2,4,6-TRIIODOPHENYL)-2-ETHYLPROPANOIC ACID see: MW5075000
beta-(3-AMINO-2,4,6-TRIIODOPHENYL)-alpha-ETHYLPROPIONIC ACID see: MW5075000
5-((3-AMINO-2,4,6-TRIIODOPHENYL)METHYLAMINO)-5-OXOPENTANOIC ACID see: SA3678000
N-(3-AMINO-2,4,6-TRIJODBENZOYL)-N-PHENYL-beta-AMINOPROPIONSAEURE (German) see: AY3170000

BEST COPY AVAILABLE

1-AMINO-2,4,6-TRIMETHYLBENZEN (Czech) see: BZ0700000
1-AMINO-2,4,5-TRIMETHYLBENZENE see: BZ0520000
1-AMINO-2,4,5-TRIMETHYLBENZENE HYDROCHLORIDE see: BZ0875000
2-AMINO-1,3,5-TRIMETHYLBENZENE see: BZ0700000
2-AMINO-1,3,5-TRIMETHYLBENZENE HYDROCHLORIDE see: BZ1050000
4-AMINO-α,α,4-TRIMETHYLCYCLOHEXANEMETHAMINE see: OS8925000
AMINOTRIMETHYLOLMETHANE see: TY2900000
7-AMINO-2,3,5-TRIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0719200 PYRAZOLO(1,5-a)PYRIMIDINE,7-AMINO-2,3,5-TRIMETHYL-
7-AMINO-2,3,6-TRIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0719300 PYRAZOLO(1,5-a)PYRIMIDINE,7-AMINO-2,3,6-TRIMETHYL-
7-AMINO-2,5,6-TRIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0719400 PYRAZOLO(1,5-a)PYRIMIDINE,7-AMINO-2,5,6-TRIMETHYL-
7-AMINO-3,5,6-TRIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE see: UR0719500 PYRAZOLO(1,5-a)PYRIMIDINE,7-AMINO-3,5,6-TRIMETHYL-
2-AMINO-4,4,6-TRIMETHYL-6H-1,3-THIAZINE HYDROBROMIDE see: XJ0751000
5-AMINOTROPOLONE see: GU3829500 2,4,6-CYCLOHEPTATRIEN-1-ONE, 5-AMINO-2-HYDROXY-
AMINOTRIS(HYDROXYMETHYL)METHANE see: TY2900000
4-AMINOTROPOLONE see: GU3829250
2-AMINOTROPONE see: GU3828300
AMINOUNDECANOIC ACID see: YQ2293000
11-AMINOUNDECANOIC ACID see: YQ2293000
5-AMINOURACIL see: YQ8740000
AMINOURACIL MUSTARD see: YQ8925000
AMINOUREA see: VT2975000
AMINOUREA HYDROCHLORIDE see: VT3500000
AMINOX see: VO1225000
2-AMINO-1,4-XYLENE see: ZE9100000
4-AMINO-1,3-XYLENE see: ZE8925000
2-AMINO-1,4-XYLENE HYDROCHLORIDE see: ZF0350000
4-AMINO-1,3-XYLENE HYDROCHLORIDE see: ZF0175000
2-AMINO-4,5-XYLENOL see: ZE6650000
AMINOZIDE see: WM9625000
1,2,-AMINOZOPHENYLENE see: DM1225000
AMINUTRIN see: OL5540000
AMINZOL SOLUBLE see: XJ2800000
AMIODARONE see: OB1360000
AMIOYL see: DD2800000
AMIPAN T see: QD9800000
AMIPAQUE see: LZ6650000
AMIPENIX S see: XH8350000
AMIPHENAZOL see: XJ4020000
AMIPHENAZOLE see: XJ4020000
AMIPHENAZOLE HYDROCHLORIDE see: XJ4025000
AMIPHOS see: TE0350000
AMI-PILO see: TK1450000
AMIP 15M see: KX4025000
AMIPROFOS-METHYL see: TB5100000
AMIPROL see: DF1575000
AMIPTAN see: LV1050000
AMIRAL see: EL7100000
AMISEPAN see: YM3500000
AMISIL see: DD2800000
AMISOMETRADIN see: YQ8800000
AMISOMETRADINE see: YQ8800000
AMISTURA P see: TK1450000
AMISYL see: DD2800000
AMITAKON see: DD2800000
AMITHIOZONE see: AE3850000
AMITID see: HO9450000
AMITIOZON see: AE3850000
AMITOL see: XZ3850000
AMITON see: TF0525000
AMITON OXALATE see: TF1400000
AMITRAZ see: ZF0480000
AMITRAZ ESTRELLA see: ZF0480000
AMITRENE see: SI1400000
AMITRIL see: XZ3850000
AMITRIL see: HO9450000
AMITRIL T.L. see: XZ3850000
AMITRIPTYLIN (German) see: HO9275000
AMITRIPTYLINE see: HO9275000
AMITRIPTYLINE CHLORIDE see: HO9450000
AMITRYPTYLINE, DEMETHYL- see: HO9800000
AMITRIPTYLINE HYDROCHLORIDE see: HO9450000
AMITRIPTYLINE N-OXIDE see: HO9550000
AMITRIPTYLINE and PERPHENAZINE (5:1) see: TL7540000
AMITRIPTYLINOXIDE see: HO9550000
AMITROL see: XZ3850000
AMITROL 90 see: XZ3850000
AMITROLE see: XZ3850000
AMITROLE and SODIUM NITRITE (1:1) see: XZ4065000
AMITROL-T see: XZ3850000
AMITRYPTYLINE see: HO9275000
AMITRYPTYLINE HYDROCHLORIDE see: HO9450000
AMIXICOTYN see: QS3675000
AMIZIL see: DD2800000
AMIZIL HYDROCHLORIDE see: DD2800000
AMIZOL see: XZ3850000
AMIZOL D see: XZ3850000
AMIZOL DP NAU see: XZ3850000
AMIZOL F see: XZ3850000
AMIZYL HYDROCHLORIDE see: DD2800000
AMLA-KUCHI EXTRACT (Indian) see: EV5780000
AMLOK EXTRACT (Indian) see: JG5789700
AMLURE see: DF3518000

BN8650000 AMMANNIA AURICULATA Willd., extract
DEP Indian plant belonging to the family LYTHRACEAE (IJEBA6 9,91,71)
UPDT 8302
SYN: TEURA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

BN8660000 AMMANNIA BACCIFERA Linn., extract
DEP Indian plant belonging to the family LYTHRACEAE (IJEBA6 11,43,73)
UPDT 8302
SYN: DADMARI EXTRACT
TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

AMMAT see: WO6125000
AMMATE see: WO6125000
AMMATE X see: WO6125000
AMMICARDINE see: LV1050000
AMMIDIN see: LV1575000
AMMI-KHELLIN see: LV1050000
AMMINETRICHLOROPLATINATE(1-) POTASSIUM MONOHYDRATE see: TP1380000
AMMINETRICHLOROPLATINUM(1-) see: TP1364000
4-AMMINOANTIPIRINA (Italian) see: CD2480000
AMMINOPIRINA dell'estere DISOLFORICO del 4-METILESCULETOLO (Italian) see: GN6390000
AMMINOSIDIN see: WK2315000
AMMIPURAN see: LV1050000
AMMISPASMIN see: LV1050000
AMMIVIN see: LV1050000
AMMIVISNAGEN see: LV1050000
AMMN see: AI9150000
AMMO see: GZ1250000
AMMOFORM see: MN4725000
AMMOIDIN see: LV1400000
AMMONERIC see: BP4550000

B00875000 AMMONIA
UPDT 8408 CAS: 7664-41-7 MW: 17.04 MOLFM: H3-N
SYN: AM-FOL * AMMONIA ANHYDROUS * AMMONIA, ANHYDROUS (DOT) * AMMONIAC (French) * AMMONIACA (Italian) * AMMONIA GAS * AMMONIAK (German) * AMONIAK (Polish) * ANHYDROUS AMMONIA (DOT) * NITRO-SIL * R 717 * SPIRIT OF HARTSHORN * UN 1005 (DOT)
MUTATION DATA AND REFERENCES:
mmo-esc 1500 ppm/3H AMNTA4 85,119,51
cyt-rat-ihl 19800 ug/m3/16W BZARAZ 27,102,74
TOXICITY DATA AND REFERENCES:
3D02D25J02 ihl-hmn TCLo:20 ppm AGGHAR 13,528,55
unk-man LDLo:132 mg/kg 85DCAI 2,73,70
orl-rat LD50:350 mg/kg CRTXB2 5(3),189,77
ihl-rat LCLo:2000 ppm/4H JIHTAB 31,343,49
3F11F12F19 ihl-mus LC50:4230 ppm/1H FEPRA7 41,1568,82
ihl-cat LCLo:7000 ppm/1H JIHTAB 26,29,44
ihl-rbt LCLo:7000 ppm/1H JIHTAB 26,29,44
ihl-man LCLo:5000 ppm/5M AEPPAE 138,65,28
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; NTIS** AD-A094-501
★ TLV-TWA 25 ppm; STEL 35 ppm DTLVS- 4,16,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm (SCP-V) FEREAC 39,23540,74
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO AMMONIA recm std-air:CL 50 ppm/5M
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 205, VOL 5 S347#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AMMONIA ANHYDROUS see: BO0875000
AMMONIA, ANHYDROUS (DOT) see: BO0875000
AMMONIA AQUEOUS see: BQ9625000
AMMONIAC (French) see: BO0875000
AMMONIACA (Italian) see: BO0875000

B01010000 AMMONIA-CYANOBORANE (1:6), complex with SODIUM IODIDE
UPDT 8406 MW: 400.03 MOLFM: H3-N C6-H12-B6-N6 I-Na
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg USXXAM #4209510
AMMONIA GAS see: BO0875000
AMMONIAK (German) see: BO0875000
AMMONIA SOLUTION (DOT) see: BQ9625000
AMMONIATED MERCURY see: OV7020000
AMMONIO (BICROMATO DI) (Italian) see: HX7650000
AMMONIO (DICROMATO DI) (Italian) see: HX7650000
AMMONIOFORMALDEHYDE see: MN4725000

B01575020 AMMONIUM, (p-ACETAMIDOPHENYL)TRIMETHYL-, IODIDE
UPDT 8312 MW: 320.20 MOLFM: C11-H17-N2-O I
SYN: (p-ACETAMIDOPHENYL)TRIMETHYLAMMONIUM IODIDE * 4-ACETAMIDOPHENYLTRIMETHYLAMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:241 mg/kg JCSOA9 -,182,47
AMMONIUM ACETATE see: AF3675000

B01750100 AMMONIUM ACETATE, pyrolyzate
UPDT 8308
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate ABCHA6 46,1067,82
AMMONIUM ACETATE (DOT) see: AF3675000
AMMONIUM ACID ARSENATE see: CG0850000

B02430000 AMMONIUM, ADIPOYLBIS(IMINOETHYLENE)BIS(TRIETHYL-, DIIODIDE
UPDT 8306 CAS: 62055-20-3 MW: 654.54 MOLFM: C22-H48-N4-O2 2I
SYN: ADIPOYLBIS(IMINOETHYLENE)BIS(TRIETHYLAMMONIUM IODIDE) * ETHANAMINIUM, 2,2'-((1,6-DIOXO-1,6-HEXANEDIYL)DIIMINO)BIS(N,N,N-TRIETHYL-, DIIODIDE * GC 50
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:30 mg/kg APFRAD 34,369,76

B02432000 AMMONIUM, ADIPOYLBIS(IMINOETHYLENE)BIS(TRIMETHYL-, DIIODIDE
UPDT 8306 CAS: 62055-16-7 MW: 570.36 MOLFM: C16-H36-N4-O2 2I
SYN: ADIPOYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) * ETHANAMINIUM, 2,2'-((1,6-DIOXO-1,6-HEXANEDIYL)DIIMINO)BIS(N,N,N-TRIMETHYL-, DIIODIDE * GC 45 * TETRAMETHYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:35 mg/kg APFRAD 34,369,76

B02450000 AMMONIUM, ADIPOYLDIOXYMETHYLBIS(TRIMETHYL-, DIIODIDE
UPDT 8407 CAS: 64048-56-2 MW: 544.26 MOLFM: C14-H30-N2-O4 2I
SYN: ADIPIC ACID ESTER of FORMOCHOLINE
TOXICITY DATA AND REFERENCES:
ivn-dog LDLo:30 mg/kg AIPTAK 88,1,51

B03150000 AMMONIUM, ALKYLDIMETHYLBENZYL-, CHLORIDE
UPDT 8403 CAS: 8001-54-5
SYN: ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE * ALKYLDIMETHYL(PHENYLMETHYL)QUATERNARY AMMONIUM CHLORIDES * AMMONYX * BARQUAT MB-50 * BARQUAT MB-80 * BAYCLEAN * BENIROL * BENZALKONIUM CHLORIDE * BIONOL * BTC * BTC 824 * CATAMIN AB * CATAMINE AB * CEQUARTYL * DIMANIN A * DODIGEN 226 * DRAPOLENE * DRAPOLEX * ENUCLEN * GERMICIN * GERMINOL * GERMITOL * HYAMINE 3500 * INTEXAN LB-50 * KATAMIN AB * KATAMINE AB * MARINOL * NEO GERM-I-TOL * ONYX BTC (ONYX OIL & CHEM CO) * OSVAN * PARALKAN * PHENEENE GERMICIDAL SOLUTION AND TINCTURE * QUATERNARY AMMONIUM COMPOUNDS, ALKYLBENZYLDIMETHYL, CHLORIDES * QUATERNIUM-1 * ROCCAL * RODALON * TRITON K-60 * ZEPHIRAL * ZEPHIRAN CHLORIDE * ZEPHIROL
IRRITATION DATA AND REFERENCES:
skn-hmn 150 ug/3D-I MLD 85DKAB -,127,77

BEST COPY AVAILABLE

eye-hmn 50 ug SEV — AJOPAA 27,1118,44
eye-mky 2 mg/24H SEV — TXAPA9 6,701,64
skn-rbt 50 mg/24H MOD — 33NFA8 -,2,75
eye-rbt 100 ug — AROPAW 34,99,45
eye-rbt 1 mg/24H SEV — TXAPA9 6,701,64

TOXICITY DATA AND REFERENCES:

par-wmn LDLo:12 mg/kg — DZGGAK 41,297,52
3R12R20S15 skn-hmn TDLo:1000 ppm — BMJOAE 283,1297,81
2F07P01 orl-rat LD50:280 mg/kg — PCJOAU 12,1593,78
2F07P01 skn-rat LD50:1560 mg/kg — PCJOAU 12,1593,78
* ipr-rat LD50:100 mg/kg — AEHA** 5177T7-66/67
2F07P01 orl-mus LD50:175 mg/kg — PCJOAU 12,1593,78
ipr-mus LDLo:10 mg/kg — DZGGAK 41,297,52
ivn-mus LD50:10 mg/kg — DZGGAK 41,297,52
ipr-dog LDLo:7 mg/kg — DZGGAK 41,297,52
orl-gpg LD50:200 mg/kg — SSCHAH 25,125,49
ipr-gpg LDLo:10 mg/kg — DZGGAK 41,297,52
* orl-frg LD50:30 mg/kg — 85ESA3 9,137,76
par-frg LDLo:15 mg/kg — DZGGAK 41,297,52

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARTODN 32,245,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

B03325000 AMMONIUM, ALKYLDIMETHYL(ETHYLBENZYL)-, CHLORIDE

DEF: A cationic surfactant (27ZTAP 3,11,69)
UPDT:8412 CAS: 8001-54-5
SYN: ALKYLDIMETHYLETHYLBENZYL AMMONIUM CHLORIDE * ALKYL((ETHYLPHENYL)METHYL)DIMETHYL QUATERNARY AMMONIUM CHLORIDES * BENIROL * BENZALKONIUM CHLORIDE * BTC 471 * CEQUARTYL * DRAPOLEX * ENUCLEN * GERMINOL * GERMITOL * OCTYL-OCTADECYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDES * PARALKAN * ROCCAL * RODALON * ZEPHIRAN CHLORIDE * ZEPHIROL

IRRITATION DATA AND REFERENCES:

eye-rat 2 mg — FCTXAV 15,131,77
eye-mus 2 mg SEV — FCTXAV 15,131,77
eye-dog 2 mg — FCTXAV 15,131,77
eye-rbt 2 mg SEV — FCTXAV 15,131,77
eye-rbt 8 ug SEV — AJOPAA 78,98,74
eye-gpg 2 mg — FCTXAV 15,131,77
eye-ham 2 mg SEV — FCTXAV 15,131,77

TOXICITY DATA AND REFERENCES:

orl-rat LD50:300 mg/kg — 28ZEAL 4,38,69
2F07P01 skn-rat LD50:1420 mg/kg — PCJOAU 12,1593,78
2F07P01 orl-mus LD50:150 mg/kg — PCJOAU 12,1593,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

B03675000 AMMONIUM, N-ALKYL(C9-15)TOLYL METHYLTRIMETHYL-, CHLORIDE

UPDT:8408 CAS: 1399-80-0
SYN: ALKYL(C9-15)TOLYL METHYLTRIMETHYL AMMONIUM CHLORIDE * DODECYL p-TOLYL TRIMETHYL AMMONIUM CHLORIDE * HYAMINE 2389 * METHYL DODECYL BENZYL AMMONIUM CHLORIDE

IRRITATION DATA AND REFERENCES:

skn-man 50 mg/2D MLD — PSTGAW 20,16,53
eye-rbt 100 ug SEV — PSTGAW 20,16,53

TOXICITY DATA AND REFERENCES:

orl-rat LD50:389 mg/kg — PCOC** -,592,66
* ipr-rat LD50:10 mg/kg — AEHA** 5176T6-66/67
* ivn-rat LD50:3060 ug/kg — AEHA** 5176T6-66/67

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: SCHSAV 30,147,54

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

B03720000 AMMONIUM, ALLYL(2-CARBOXYETHYL)DIMETHYL-, BROMIDE, ESTER with ALLYL(2-HYDROXYETHYL)DIMETHYL AMMONIUM BROMIDE

UPDT:8305 MW: 430.29 MOLFM: C15-H30-N2-O2 2Br

TOXICITY DATA AND REFERENCES:

1E08 ivn-mus LDLo:12 mg/kg — AIPTAK 118,210,59

B03725000 AMMONIUM, ALLYL(3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYL-, CHLORIDE

UPDT:8308 MW: 395.42 MOLFM: C20-H24-Cl-N2-S Cl
SYN: ALLYL(3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYLAMMONIUM CHLORIDE * CHLORPROMAZINE ALLYLAMMONIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:50 mg/kg — NEOLA4 29,215,82

AMMONIUM ALUMINUM FLUORIDE see: BD0050000

B04160000 AMMONIUM, (2-(AMIDINOTHIO)ETHYL)TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE

UPDT:8408 CAS: 18129-31-2 MW: 323.14 MOLFM: C6-H16-N3-S Br-H Br
SYN: (2-(AMIDINOTHIO)ETHYL)TRIMETHYLAMMONIUM BROMIDE HYDROBROMIDE * ETHANAMINIUM, 2-((AMINOIMINOMETHYL)THIO)-N,N,N-TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE (9CI) * 2-TRIMETHYLAMINOETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:

2F12J22 ivn-mus LD50:19900 ug/kg — YKKZAJ 88,747,68

AMMONIUM AMIDOSULFONATE see: WO6125000
AMMONIUM AMIDOSULPHATE see: WO6125000
AMMONIUM AMINOFORMATE see: EY8575000

B04565020 AMMONIUM, (p-AMINOPHENYL)TRIMETHYL-, IODIDE

UPDT:8312 CAS: 18953-50-9 MW: 278.16 MOLFM: C9-H15-N2-I
SYN: (p-AMINOPHENYL)TRIMETHYLAMMONIUM IODIDE * 4-AMINOPHENYLTRIMETHYLAMMONIUM IODIDE * BENZENAMINIUM, 4-AMINO-N,N,N-TRIMETHYL-, IODIDE (9CI) * TRIMETHYLAMMONIUMANILINE IODIDE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:231 mg/kg — JCSOA9 -,182,47

AMMONIUM ARSENATE see: CG0850000
AMMONIUM ARSENATE, SOLID (DOT) see: CG0850000
AMMONIUM AURINTRICARBOXYLATE see: GU4800000

B04596150 AMMONIUM AZIDE

UPDT:8308 CAS: 12164-94-2 MW: 60.08 MOLFM: H4-N4
SYN: AMMONIUM AZIDE (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN — CFRGBR 49.172.101,82

AMMONIUM AZIDE (DOT) see: BO4596150
AMMONIUM BENZAMIDOOXYACETATE see: AF4610000
AMMONIUM 2-(BENZAMIDOOXY)ACETATE see: AF4610000

B04720000 AMMONIUM, (2-(2-BENZIMIDAZOLYLTHIO)ETHYL)TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE

UPDT:8408 CAS: 18129-33-4 MW: 397.22 MOLFM: C12-H18-N3-S Br-H Br
SYN: (2-(2-BENZIMIDAZOLYLTHIO)ETHYL)TRIMETHYLAMMONIUM BROMIDE HYDROBROMIDE * 2-(2-TRIMETHYLAMINOETHYLTHIO)BENZIMIDAZOLINE BROMIDE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:

2F12J22 ivn-mus LD50:21600 ug/kg — YKKZAJ 88,747,68

AMMONIUM BENZOATE see: DG3378000
AMMONIUM BENZOATE (DOT) see: DG3378000

B06477000 AMMONIUM, (3-BENZYL-2-BUTENYL)(CARBOXYMETHYL)DIETHYL-, CHLORIDE, DECYL ESTER

UPDT:8302 CAS: 57757-50-3 MW: 452.19 MOLFM: C27-H46-N-O2 Cl
SYN: AMMONIUM, (3-BENZYL-2-BUTENYL)(DECYLOXYCARBONYLMETHYL)DIETHYL-, CHLORIDE * (3-BENZYL-2-BUTENYL)(DECYLOXYCARBONYLMETHYL)DIETHYLAMMONIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:100 mg/kg — RPTOAN 40,69,77
ipr-mus LD50:100 mg/kg — RPTOAN 40,69,77

B06479000 AMMONIUM, (3-BENZYL-2-BUTENYL)(CARBOXYMETHYL)DIMETHYL-, CHLORIDE, HEPTYL ESTER

UPDT:8302 CAS: 73680-64-5 MW: 382.04 MOLFM: C22-H36-N-O2 Cl
SYN: (3-BENZYL-2-BUTENYL)DIMETHYL(HEPTYLOXYCARBONYLMETHYL)AMMONIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:80 mg/kg — RPTOAN 40,69,77
ipr-mus LD50:80 mg/kg — RPTOAN 40,69,77

AMMONIUM, (3-BENZYL-2-BUTENYL)(DECYLOXYCARBONYLMETHYL)DIETHYL-, CHLORIDE see: BO6477000

AMMONIUM, (3-(BENZYLCARBAMOYLOXY)PHENYL)TRIMETHYL-, IODIDE see: BR3700000

B06565000 AMMONIUM, BENZYL(2-CARBOXYETHYL)DIMETHYL-, BROMIDE, ESTER with BENZYL(2-HYDROXYETHYL) DIMETHYLAMMONIUM BROMIDE

UPDT:8305 MW: 530.41 MOLFM: C23-H34-N2-O2 2Br

TOXICITY DATA AND REFERENCES:

* ivn-mus LDLo:12 mg/kg — AIPTAK 118,210,59

B06577000 AMMONIUM, BENZYL(3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYL-, CHLORIDE

UPDT:8306 MW: 445.48 MOLFM: C24-H26-Cl-N2-S Cl
SYN: BENZYL(3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYLAMMONIUM CHLORIDE * CHLORPROMAZINE BENZYLAMMONIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:45 mg/kg — NEOLA4 29,215,82

B06593000 AMMONIUM, BENZYLDIETHYL(2-HYDROXYETHYL)-, BROMIDE, CARBANILATE

UPDT:8310 MW: 407.40 MOLFM: C20-H27-N2-O2 Br
SYN: BENZYLDIETHYL(2-HYDROXYETHYL)AMMONIUM BROMIDE CARBANILATE * 1314 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:11 mg/kg — COREAF 251,3119,60

B06593500 AMMONIUM, BENZYLDIETHYL(2-HYDROXYETHYL)-, BROMIDE, DIBUTYLCARBAMATE

UPDT:8306 MW: 443.54 MOLFM: C22-H39-N2-O2 Br
SYN: BENZYLDIETHYL(2-HYDROXYETHYL)AMMONIUM BROMIDE DIBUTYLCARBAMATE * 1318 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:7300 ug/kg — COREAF 251,3119,60

B06596000 AMMONIUM, BENZYLDIETHYL(beta-HYDROXYPHENETHYL)-, CHLORIDE, BENZOATE (ester)

UPDT:8309 MW: 424.02 MOLFM: C26-H30-N-O2 Cl
SYN: BENZYLDIETHYL(beta-HYDROXYPHENETHYL)AMMONIUM CHLORIDE BENZOATE (ester)

TOXICITY DATA AND REFERENCES:

2C17F02 scu-mus LDLo:50 mg/kg — JACSAT 81,203,59

B07000000 AMMONIUM, BENZYLDIMETHYLOCTADECYL-, CHLORIDE

UPDT:8303 CAS: 122-19-0 MW: 424.23 MOLFM: C27-H50-N Cl
SYN: AMMONYX 4 * AMMONYX 485 * AMMONYX 490 * AMMONYX 4002 * AMMONYX CA SPECIAL * 28 * BARQUAT 5B-25 * BENZENEMETHANAMINIUM, N,N-DIMETHYL-N-OCTADECYL-, CHLORIDE (9CI) * BENZYLDIMETHYLSTEARYLAMMONIUM CHLORIDE * BENZYLSTEARYLDIMETHYLAMMONIUM CHLORIDE * CARSOQUAT SDQ-25 * CARSOQUAT SDQ-85 * DIMETHYLBENZYLOCTADECYLAMMONIUM CHLORIDE * DIMETHYLOCTADECYLBENZYLAMMONIUM CHLORIDE * INTEXAN 5B-85 * INTEXSAN 5B 85 * J SOFT C 4 * KATAMINE AB * N-OCTADECYL-N-BENZYL-N,N-DIMETHYLAMMONIUM CHLORIDE * OCTADECYLDIMETHYLBENZYLAMMONIUM CHLORIDE * ORTHOSAN MB * QUATERNOL 1 * STEARALKONIUM CHLORIDE * STEARYLDIMETHYLBENZYLAMMONIUM CHLORIDE * STEBAC * STEDBAC * TALLOW BENZYL DIMETHYL AMMONIUM CHLORIDE * TRITON X-40 * TRITON X-400 * VARISOFT SDC

IRRITATION DATA AND REFERENCES:

skn-hmn 3 mg/3D-I MLD — 85DKA8 -,127,77
skn-man 125 mg/2D MLD — PSTGAW 20,16,53
skn-rbt 1 mg/24H — OYYAA2 6(2),329,72
eye-rbt 200 ug SEV — PSTGAW 20,16,53

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1250 mg/kg — JACTDZ 1(2),57,82
ipr-rat LD50:280 mg/kg — KHFZAN 12(12),61,78
* orl-mus LD50:760 mg/kg — JACTDZ 1(2),57,82
ipr-mus LD50:175 mg/kg — KHFZAN 12(12),61,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

B07080000 AMMONIUM, BENZYLDIMETHYL(3-(2-OXO-3-OXAZOLIDINYL)PROPYL)-, IODIDE

UPDT:8311 MW: 390.30 MOLFM: C15-H23-N2-O2 I
SYN: BENZYLDIMETHYL(3-(2-OXO-3-OXAZOLIDINYL)PROPYL)AMMONIUM IODIDE * 442 R.D.

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:140 mg/kg — APFRAD 13,565,55

B07110000 AMMONIUM, BENZYLDIMETHYL(2-PHENOXYETHYL)-, CHLORIDE

UPDT:8411 CAS: 13928-81-9 MW: 291.85 MOLFM: C17-H22-N-O Cl

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1 gm/kg — JOPAA2 44,611,68
* ipr-mus LD50:72 mg/kg — JOPAA2 44,611,58

B07150000 AMMONIUM, BENZYLDIMETHYLTETRADECYL-, CHLORIDE

UPDT:8401 CAS: 139-08-2 MW: 368.11 MOLFM: C23-H42-N Cl
SYN: TETRADECYL-DIMETHYL-BENZYLAMMONIUM CHLORIDE

IRRITATION DATA AND REFERENCES:

skn-rbt 1 mg/24H — OYYAA2 6(2),329,72
eye-rbt 1 mg — OYYAA2 6(2),329,72

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

B07175000 AMMONIUM, BENZYLDIMETHYL(2-(2-(p-(1,1,3,3-TETRAMETHYLBUTYL)PHENOXY)ETHOXY)ETHYL)-, CHLORIDE

UPDT:8412 CAS: 121-54-0 MW: 448.15 MOLFM: C27-H42-N-O2 Cl
SYN: ANTI-GERM 77 * ANTISEPTOL * BENZATHONIUM CHLORIDE * BENZETHONIUM CHLORIDE * BENZETHONIUM CHLORIDE 1622 * BENZETONIUM CHLORIDE * BENZYLDIMETHYL-(1,1,3,3-TETRAMETHYLBUTYL)PHENOXYETHOXY ETHYLAMMONIUM CHLORIDE * BENZYLDIMETHYL(2-(2-(p-(1,1,3,3-TETRAMETHYLBUTYL)PHENOXY)ETHOXY)ETHYL)AMMONIUM CHLORIDE * BZT * DIAPP * DIISOBUTYLPHENOXYETHOXYETHYL DIMETHYL BENZYL AMMONIUM CHLORIDE * DISILYN * HYAMINE * HYAMINE 1622 * NCI-C61494 * p-tert-OCTYLPHENOXYETHOXYETHYLDIMETHYLBENZYLAMMONIUM CHLORIDE * PHEMERIDE * PHEMEROL * PHEMEROL CHLORIDE * PHEMERSOL CHLORIDE * PHEMITHYN * POLYMINE D * QUATRACHLOR * SOLAMIN * SOLAMINE

IRRITATION DATA AND REFERENCES:

eye-rbt 30 ug SEV — PSTGAW 20,16,53

TUMORIGENIC DATA AND REFERENCES:

3V02R60V10 scu-rat TDLo:104 mg/kg/1Y-I — CTOXAO 4,185,71

TOXICITY DATA AND REFERENCES:

orl-rat LD50:368 mg/kg — PSEBAA 120,511,65
scu-rat LD50:119 mg/kg — NTIS** PB195-158
ipr-rat LD50:33 mg/kg — SCHSAV 30,147,54

BEST COPY AVAILABLE

ivn-rat LD50:19 mg/kg SCHSAV 30,147,54
unk-rat LD50:420 mg/kg MEIEDD 10,152,83
orl-mus LD50:338 mg/kg PSEBAA 120,511,65
ipr-mus LDLo:8 mg/kg CBCCT* 2,61,50
ivn-mus LD50:30 mg/kg JAPMA8 40,267,51

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

B07380000 AMMONIUM, BENZYLDIMETHYL(2-(2-((4-(1,1,3,3-TETRAMETHYLBUTYL)-m-TOLYL)OXY)ETHOXY)ETHYL)-, CHLORIDE, MONOHYDRATE
UPDT:8408 CAS: 1320-44-1 MW: 480.20 MOLFM: C29-H44-N-O2 . Cl . H2-O
SYN: BACTINE * DELAVAN * DIAPARENE * DIAPARENE CHLORIDE * p-DISOBUTYLCRESOXYETHYLDIMETHYLBENZYLAMMONIUM CHLORIDE MONOHYDRATE * HYAMINE 10X * METHYL BENZETHONIUM CHLORIDE MONOHYDRATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:800 mg/kg PCOC** -,590,66
orl-mus LD50:750 mg/kg PCOC** -,590,66

B07525000 AMMONIUM, BENZYL((DODECYLCARBAMOYL)METHYL)DIMETHYL-, CHLORIDE
UPDT:8403 CAS: 100-95-8 MW: 397.11 MOLFM: C23-H41-N2-O . Cl
SYN: BENZENEMETHANAMINIUM, N-(2-DODECYLAMINO)-2-(OXOETHYL)-N,N-DIMETHYL-, CHLORIDE (9CI) * BENZYL((DODECYLCARBAMOYL)METHYL)DIMETHYLAMMONIUM CHLORIDE * DIMETHYLAMINO ACETIC ACID DODECYLAMIDE CHLOROBENZYLATE * N-DIMETHYL-N-BENZYL-N-CHLORO-N-DODECYLGLYCINAMIDE * DODECARBONIUM CHLORIDE * N-(2-(DODECYLAMINO)-2-OXOETHYL)-N,N-DIMETHYLBENZENEMETHANAMINIUM CHLORIDE * DODECYLCARBAMYLMETHYLBENZYLDIMETHYLAMMONIUM CHLORIDE * N-DODECYL-N,N-DIMETHYLAMINOACETAMIDE BENZOCHLORIDE * HYDRAMON * NOPCOCCIDE * QUARTHOLITE * QUARTOLAN * STRAMINOL * UROLOCIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:100 mg/kg MEIEDD 10,496,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

B08225000 AMMONIUM, BENZYL-, TETRACHLOROIODATE
UPDT:8307 CAS: 64059-29-6 MW: 392.88 MOLFM: C7-H10-N . Cl4-I-O
SYN: BENZYL AMMONIUM TETRACHOROIODATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1230 mg/kg TXAPA9 28,313,74
skn-rbt LD50:840 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

B08600000 AMMONIUM BICARBONATE (1:1)
UPDT:8308 CAS: 1066-33-7 MW: 96.11 MOLFM: C-O3 . 2H4-N
SYN: ACID AMMONIUM CARBONATE * AMMONIUM BICARBONATE (DOT) * AMMONIUM CARBONATE * AMMONIUM HYDROGEN CARBONATE * CARBONIC ACID, MONOAMMONIUM SALT * MONOAMMONIUM CARBONATE * NA 9081 (DOT)
TOXICITY DATA AND REFERENCES:
2J26F12 ivn-mus LD50:245 mg/kg AJVRAH 29,897,68
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
AMMONIUM BICARBONATE (DOT) see: B08600000
AMMONIUMBICHROMAAT (Dutch) see: HX7650000
AMMONIUM BICHROMATE see: HX7650000
AMMONIUM BICHROMATE (DOT) see: HX7650000
AMMONIUM BIFLUORIDE see: BQ9200000
AMMONIUM BIFLUORIDE, solid (DOT) see: BQ9200000
AMMONIUM BIFLUORIDE, solution (DOT) see: BQ9200000
AMMONIUM BIFLUORIDE and HYDROFLUORIC ACID MIXTURE (DOT) see: BP8205000

B08785340 AMMONIUM, (4,4'-BIPHENYLYLENEBIS(2-OXOETHYLENE))BIS(((2-CYANO-2-HYDROXYCYCLOHEXYL)METHYL) DIMETHYL-, DIBROMIDE, DIBENZOATE (ester)
UPDT:8404 CAS: 28003-34-1 MW: 968.92 MOLFM: C50-H56-N4-O6 . 2Br
TOXICITY DATA AND REFERENCES:
3F18J22J30 ipr-mus LD50:4200 ug/kg EJPHAZ 8,127,69

B08785620 AMMONIUM, (4,4'-BIPHENYLYLENEBIS(2-OXOETHYLENE))BIS(((2-CYANO-2-HYDROXYCYCLOHEXYL)METHYL) DIMETHYL-, DIBROMIDE
UPDT:8311 CAS: 25150-69-0 MW: 760.70 MOLFM: C36-H48-N4-O4 . 2Br
TOXICITY DATA AND REFERENCES:
3F18J22J30 ipr-mus LD50:525 ug/kg EJPHAZ 8,127,69

B08785630 AMMONIUM, (4,4'-BIPHENYLYLENEBIS(2-OXOETHYLENE))BIS(((2-CYANO-2-HYDROXYCYCLOHEXYL)METHYL) DIMETHYL-, DIBROMIDE, DIACETATE (ester)
UPDT:8311 CAS: 28003-33-0 MW: 844.78 MOLFM: C40-H52-N4-O6 . 2Br
TOXICITY DATA AND REFERENCES:
3F18J22J30 ipr-mus LD50:10600 ug/kg EJPHAZ 8,127,69

B08785750 AMMONIUM, 4,4'-BIPHENYLENEBIS(2-OXOETHYLENE)BIS(DIMETHYL(2-HYDROXYETHYL)-, DIBROMIDE
UPDT:8405 MW: 574.42 MOLFM: C24-H34-N2-O4 . 2Br
SYN: 4,4'-BIPHENYLENEBIS(2-OXOETHYLENE)BIS(DIMETHYL(2-HYDROXYETHYL)AMMONIUM) DIBROMIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:45 ug/kg JPETAB 115,127,55
ipr-mus LD50:20 ug/kg JPETAB 115,127,55
ivn-dog LDLo:75 ug/kg JPETAB 115,127,55
ivn-rbt LDLo:50 ug/kg JPETAB 115,127,55
ipr-gpg LDLo:30 ug/kg JPETAB 115,127,55

B08785760 AMMONIUM, (4,4'-BIPHENYLYLENEBIS(2-OXOETHYLENE))BIS(((2-HYDROXYCYCLOHEXYL)METHYL)DIMETHYL-, DIBROMIDE
UPDT:8311 CAS: 28979-97-7 MW: 710.68 MOLFM: C34-H50-N2-O4 . 2Br
TOXICITY DATA AND REFERENCES:
3F18J22J30 ipr-mus LD50:6950 ug/kg EJPHAZ 8,127,69

B08785770 AMMONIUM, (4,4'-BIPHENYLYLENEBIS(2-OXOETHYLENE))BIS(((2-HYDROXYCYCLOHEXYL)METHYL)DIMETHYL-, DIBROMIDE, DIACETATE
UPDT:8311 CAS: 28003-35-2 MW: 794.76 MOLFM: C38-H54-N2-O6 . 2Br
TOXICITY DATA AND REFERENCES:
3F18J22J30 ipr-mus LD50:9100 ug/kg EJPHAZ 8,127,69

B08785780 AMMONIUM, (4,4'-BIPHENYLYLENEBIS(2-OXOETHYLENE))BIS(((2-HYDROXYCYCLOHEXYL)METHYL)DIMETHYL-, DIBROMIDE, DIBENZOATE
UPDT:8311 CAS: 28003-36-3 MW: 918.90 MOLFM: C48-H58-N2-O6 . 2Br
TOXICITY DATA AND REFERENCES:
3F18J22J30 ipr-mus LD50:20600 ug/kg EJPHAZ 8,127,69

B08785850 AMMONIUM, 4,4'-BIPHENYLENEBIS(2-OXOETHYLENE)BIS(TRIETHYL-, DIBROMIDE
UPDT:8405 MW: 598.54 MOLFM: C28-H42-N2-O2 . 2Br
SYN: 4,4'-BIPHENYLENEBIS(2-OXOETHYLENE)BIS(TRIETHYLAMMONIUM) DIBROMIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1 mg/kg JPETAB 115,127,55

B08785900 AMMONIUM, 4,4'-BIPHENYLENEBIS(2-OXOETHYLENE)BIS(TRIMETHYL-, DIBROMIDE
UPDT:8405 MW: 514.36 MOLFM: C22-H30-N2-O2 . 2Br
SYN: 4,4'-BIPHENYLENEBIS(2-OXOETHYLENE)BIS(TRIMETHYLAMMONIUM) DIBROMIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:800 ug/kg JPETAB 115,127,55

B08792500 AMMONIUM, (4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(BENZYLDIMETHYL-, DIBROMIDE
UPDT:8405 MW: 666.56 MOLFM: C34-H38-N2-O2 . 2Br
SYN: (4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(BENZYLDIMETHYLAMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:2 mg/kg JAPMA8 43,79,54

AMMONIUM BIS(2,3-DIBROMOPROPYL)PHOSPHATE see: UB0252000

B09000000 AMMONIUM, (4-(BIS(p-(DIMETHYLAMINO)PHENYL)METHYLENE)-2,5-CYCLOHEXADIEN-1-YLIDENE) DIMETHYL-, CHLORIDE
UPDT:8412 CAS: 548-62-9 MW: 408.03 MOLFM: C25-H30-N3 . Cl
SYN: ADERGON * AIZEN CRYSTAL VIOLET * AIZEN CRYSTAL VIOLET EXTRA PURE * ANILINE VIOLET * ANILINE VIOLET PYORTANINE * ATMONAL * AVERMIN * AXURIS * BADIL * BASIC VIOLET 3 * BASIC VIOLET BN * BISMUTH VIOLET * BRILLIANT VIOLET 5B * CALCOZINE VIOLET C * CALCOZINE VIOLET 6BN * C.I. 42555 * C.I. BASIC VIOLET 3 * CRYSTAL VIOLET * CRYSTAL VIOLET O * CRYSTAL VIOLET 5BO * CRYSTAL VIOLET 6B * CRYSTAL VIOLET 6BO * CRYSTAL VIOLET 10B * CRYSTAL VIOLET AO * CRYSTAL VIOLET AON * CRYSTAL VIOLET BASE * CRYSTAL VIOLET BP * CRYSTAL VIOLET BPC * CRYSTAL VIOLET CHLORIDE * CRYSTAL VIOLET EXTRA PURE * CRYSTAL VIOLET EXTRA PURE APN * CRYSTAL VIOLET EXTRA PURE APNX * CRYSTAL VIOLET FN * CRYSTAL VIOLET ML2 * CRYSTAL VIOLET PURE DSC * CRYSTAL VIOLET PURE DSC BRILLIANT * CRYSTAL VIOLET SS * CRYSTAL VIOLET TECHNICAL * CRYSTAL VIOLET USP * GENTERSAL * GENTIAN VIOLET * GENTIAVERM * GENTICID * GENTIOLETTEN * HECTOGRAPH VIOLET 5B * HECTO VIOLET R * HEXAMETHYLPARAROSANILINE CHLORIDE * HEXAMETHYL p-ROSANILINE CHLORIDE * HEXAMETHYL p-ROSANILINE HYDROCHLORIDE * HEXAMETHYL VIOLET * HIDACO BRILLIANT CRYSTAL VIOLET * HIDACO CRYSTAL VIOLET * KRISTALL-VIOLETT (German) * MEROXYL * MEROXYLAN * MEROXYLAN WANDER * MEROXYL WANDER * METHYLROSANILINE CHLORIDE * METHYL VIOLET 5BNO * METHYL VIOLET 5BO * METHYL VIOLET 10B * METHYL VIOLET 10BO * METHYL VIOLET 10BR * METHYL VIOLET 10BN * METHYL VIOLET 10BNS * METHYL VIOLET 10BO * MITSUI CRYSTAL VIOLET * NCI-C55969 * OXIURAN * OXYCOLOR * OXYOZYL * PAPER BLUE R * PARAROSANILINE, N,N,N',N',N''-HEXAMETHYL- CHLORIDE * PLASTORESIN VIOLET 5BO * PYORTANIN * VERMICID * VIANIN * VIOCID * 1241e VIOLET * VIOLET 6BN * VIOLET 5BO * VIOLET CP * VIOLET KRW
IRRITATION DATA AND REFERENCES:
skn-hmn 3 mg/3D-I MLD B5DKA8 -,127,77
skn-hmn 2 mg/2D-I MLD ADVEA4 52,55,72
skn-gpg 6 mg/3D-I ADVEA4 52,55,72
MUTATION DATA AND REFERENCES:
mmo-sat 100 ng/plate MUREAV 89,21,81
mma-sat 16 ug/plate TRENAF 27,153,76
dnr-esc 100 ng/well ENMUDM 3,429,81
dnd-esc 10 umol/L MUREAV 89,95,81
dnr-bcs 2 mg/disc TRENAF 27,153,76
mmo-omi 1ppm POASAD 34,114,53
uni-hmn:hla 10 umol/L RAREAE 37,334,69
cyt-hmn:hla 500 ug/L MUREAV 58,269,78
cyt-hmn:lym 500 ug/L MUREAV 58,269,78
cyt-ham:ovr 500 ug/L MUREAV 58,269,78
dnd-mam:lym 10 pph BIPMAA 11,2537,72
cyt-mam:oth 500 ug/L MUREAV 58,269,78
cyt-nml:oth 500 ug/L MUREAV 58,269,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T53 orl-rat TDLo:100 mg/kg (6-15D preg) NTIS** PB83-155754
1T25 orl-rat TDLo:40 mg/kg (6-15D preg) NTIS** PB83-155754
1T34 orl-rbt TDLo:7 mg/kg (6-19D preg) NTIS** PB83-182519
TOXICITY DATA AND REFERENCES:
orl-rat LD50:420 mg/kg ARZNAD 1,5,51
ipr-rat LD50:8900 ug/kg ARZNAD 1,5,51
orl-mus LD50:96 mg/kg ARZNAD 1,5,51
ipr-mus LD50:5100 ug/kg ARZNAD 1,5,51
ivn-mus LDLo:20 mg/kg PSEBAA 31,825,34
orl-dog LD50:1000 mg/kg TXAPA9 22,1,72
orl-cat LDLo:100 mg/kg TXAPA9 22,1,72
orl-rbt LD50:150 mg/kg ARZNAD 1,5,51
ipr-rbt LD50:5 mg/kg ARZNAD 1,5,51
idu-rbt LD50:160 mg/kg ARZNAD 1,5,51
orl-gpg LDLo:100 mg/kg TXAPA9 22,1,72
ipr-gpg LDLo:10 mg/kg PSEBAA 31,825,34
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

B09086000 AMMONIUM, BIS((MESITYLCARBAMOYL)METHYL)DIETHYL-, CHLORIDE
UPDT:8306 CAS: 79143-74-1 MW: 460.12 MOLFM: C26-H38-N3-O2 . Cl
SYN: BIS((MESITYLCARBAMOYL)METHYL)DIETHYLAMMONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:12500 ug/kg PCJOAU 15,391,81

AMMONIUM BISULFIDE see: B54900000
AMMONIUM BISULFITE see: WT3595000
AMMONIUM BISULFITE, solid (DOT) see: WT3595000
AMMONIUM BISULFITE, solution (DOT) see: WT3595000
AMMONIUM BOROFLUORIDE see: BQ6100000
AMMONIUM BROMATE see: EF8710000
AMMONIUM BROMATE (DOT) see: EF8710000

B09190000 AMMONIUM, (2-BROMOALLYL)TRIETHYL-, BROMIDE
UPDT:8310 MW: 301.11 MOLFM: C9-H19-Br-N . Br
SYN: N-(2-BROMOALLYL)TRIETHYLAMMONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:24 mg/kg CSLNX* NX#09452

B09200000 AMMONIUM, (3-(o-BROMOBENZYL)-2-BUTENYL)(CARBOXYMETHYL)DIETHYL-, CHLORIDE, HEPTYL ESTER
UPDT:8302 CAS: 62988-54-9 MW: 489.00 MOLFM: C24-H39-Br-N-O2 . Cl
SYN: (3-(o-BROMOBENZYL)-2-BUTENYL)DIETHYL(HEPTYLOXYCARBONYLMETHYL)AMMONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:18 mg/kg RPTOAN 40,69,77
ipr-mus LD50:18 mg/kg RPTOAN 40,69,77

B09225000 AMMONIUM, (3-(o-BROMOBENZYL)-2-BUTENYL)(CARBOXYMETHYL)DIETHYL-, CHLORIDE, HEXYL ESTER
UPDT:8302 CAS: 62988-53-8 MW: 474.97 MOLFM: C23-H37-Br-N-O2 . Cl
SYN: (3-(o-BROMOBENZYL)-2-BUTENYL)DIETHYL(HEXYLOXYCARBONYLMETHYL)AMMONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:102 mg/kg RPTOAN 40,69,77
ipr-mus LD50:102 mg/kg RPTOAN 40,69,77

B09450000 AMMONIUM, (o-BROMOBENZYL)ETHYLDIMETHYL-, p-TOLUENESULFONATE
UPDT:8403 CAS: 61-75-6 MW: 414.40 MOLFM: C11-H17-Br-N . C7-H7-O3-S
SYN: ASL-603 * BENZENEMETHANAMINIUM, 2-BROMO-N-ETHYL-N,N-DIMETHYL-, salt with 4-METHYLBENZENESULFONIC ACID * BRETYLAN * BRETYLATE * BRETYLIUM p-TOLUENESULFONATE * BRETYLIUM TOSYLATE * BRETYLOL * (o-BROMOBENZYL)ETHYLDIMETHYLAMMONIUM p-TOLUENESULFONATE * 2-BROMO-N-ETHYL-N,N-DIMETHYLBENZENEMETHANAMINIUM 4-METHYLBENZENESULFONATE * DARENTHIN * DARENTIN * N-ETHYL-N-o-BROMOBENZYL-N,N-DIMETHYLAMMONIUM TOSYLATE * ORNID
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:57 mg/kg PHMGBN 21,23a,80
ims-rat LD50:250 mg/kg TXAPA9 18,185,71

BEST COPY AVAILABLE

orl-mus LD50:400 mg/kg BJPCAL 14,536,59
* ipr-mus LD50:39 mg/kg AIPTAK 155,69,65
scu-mus LD50:72 mg/kg BJPCAL 14,536,59
ivn-mus LD50:20 mg/kg BJPCAL 14,536,59

BP0177000 AMMONIUM, BUTYL(2-CARBOXYETHYL)DIMETHYL-, IODIDE, ESTER with BUTYL(2-HYDROXYETHYL)DIMETHYL AMMONIUM IODIDE
UPDT:8305 MW: 556.37 MOLFM: C17-H38-N2-O2 2I
TOXICITY DATA AND REFERENCES:
1E08 ivn-mus LDLo:25 mg/kg AIPTAK 118,210,59

BP0290000 AMMONIUM, (beta-t-BUTYL-beta-HYDROXY-p-METHYLPHENETHYL)DIETHYLMETHYL-, IODIDE
UPDT:8305 MW: 393.40 MOLFM: C17-H32-N-O I
SYN: (beta-tert-BUTYL-beta-HYDROXY-p-METHYLPHENETHYL)DIETHYLMETHYLAMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
3E15K01K30 ipr-mus LD50:60 mg/kg APFRAD 39,519,81
AMMONIUM CARBAMATE see: EY8575000
AMMONIUM CARBAMATE (DOT) see: EY8575000

BP0640000 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIETHYLISOPROPYL-, BROMIDE
UPDT:8305 MW: 433.49 MOLFM: C23-H33-N2-O Br
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIETHYLISOPROPYLAMMONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:33763 mg/kg AIPTAK 103,100,55

BP0641000 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIETHYLMETHYL-, IODIDE
UPDT:8305 MW: 452.42 MOLFM: C21-H29-N2-O I
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIETHYLMETHYLAMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25784 mg/kg AIPTAK 103,100,55

BP0642000 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIETHYLPROPYL-, CHLORIDE
UPDT:8305 MW: 387.01 MOLFM: C23-H31-N2-O Cl
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIETHYLPROPYLAMMONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:19503 mg/kg AIPTAK 103,100,55

BP0689000 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLETHYL-, BROMIDE
UPDT:8305 MW: 447.52 MOLFM: C24-H35-N2-O Br
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLETHYLAMMONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:41 mg/kg AIPTAK 103,100,55

BP0693000 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYL-, BROMIDE
UPDT:8305 CAS: 16564-41-3 MW: 433.49 MOLFM: C23-H33-N2-O Br
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYLAMMONIUM BROMIDE * ISOPROPAMIDE BROMIDE * NEOPANT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:13 mg/kg AIPTAK 103,100,55

BP0693100 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYL-, CHLORIDE
UPDT:8305 MW: 389.03 MOLFM: C23-H33-N2-O Cl
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYLAMMONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:12 mg/kg AIPTAK 103,100,55

BP0693200 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYL-, IODIDE
UPDT:8308 CAS: 71-81-8 MW: 480.48 MOLFM: C23-H33-N2-O I
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYLAMMONIUM IODIDE * DARBID * 2,2-DIPHENYL-4-DIISOPROPYLAMINOBUTYRAMIDE METHIODIDE * DIPRAMID * DIPRAMIDE * ISAMID * ISOPROPAMIDE IODIDE * MARYGIN-M * 5579 MD * PIACCAMIDE * PRIAMIDE * PRIAZIMIDE * R 79 * SANULCIN * SKF 4740 * TYRIMIDE
TOXICITY DATA AND REFERENCES:
3D16D17E16 orl-mus LD50:1600 mg/kg AIPTAK 103,120,55
3D16D17E16 ipr-mus LD50:120 mg/kg AIPTAK 103,120,55
* ivn-mus LD50:12779 mg/kg AIPTAK 103,100,55

BP0693400 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYL-, METHYL SULFATE
UPDT:8305 MW: 464.68 MOLFM: C23-H33-N2-O C-H3-S-O4
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYLAMMONIUM METHYL SULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:12 mg/kg AIPTAK 103,100,55

BP0694200 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIMETHYLETHYL-, BROMIDE
UPDT:8403 CAS: 115-51-5 MW: 391.40 MOLFM: C20-H27-N2-O Br
SYN: ALUDROX SA * AMBUTONIUM BROMIDE * gamma-(AMINOCARBONYL)-N-ETHYL-N,N-DIMETHYL-gamma-PHENYLBENZENEPROPANAMINIUM BROMIDE * BL 700 * BL 700 B * 3-(CARBAMOYL-3,3-DIPHENYLPROPYL)ETHYLDIMETHYLAMMONIUM BROMIDE * (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIMETHYLETHYLAMMONIUM BROMIDE * 4-DIMETHYLAMINO-2,2-DIPHENYLBUTYRAMIDE ETHYL BROMIDE * R 100
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:24302 ug/kg AIPTAK 103,100,55

BP0695000 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIMETHYLISOPROPYL-, BROMIDE
UPDT:8305 MW: 405.43 MOLFM: C21-H29-N2-O Br
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIMETHYLISOPROPYLAMMONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:22295 mg/kg AIPTAK 103,100,55

BP0701000 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)ETHYLISOPROPYLMETHYL-, BROMIDE
UPDT:8305 MW: 419.46 MOLFM: C22-H31-N2-O Br
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)ETHYLISOPROPYLMETHYLAMMONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:17699 mg/kg AIPTAK 103,100,55

BP0701500 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)TRIETHYL-, BROMIDE
UPDT:8305 MW: 419.46 MOLFM: C22-H31-N2-O Br
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)TRIETHYLAMMONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:19460 mg/kg AIPTAK 103,100,55

BP0701700 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)TRIISOPROPYL-, BROMIDE
UPDT:8305 MW: 461.55 MOLFM: C25-H37-N2-O Br
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)TRIISOPROPYLAMMONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:38 mg/kg AIPTAK 103,100,55

BP0701800 AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)TRIMETHYL-, IODIDE
UPDT:8305 MW: 424.36 MOLFM: C19-H25-N2-O I
SYN: (3-CARBAMOYL-3,3-DIPHENYLPROPYL)TRIMETHYLAMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:33 mg/kg AIPTAK 103,100,55

AMMONIUM, (3-(CARBAMOYLOXY)PHENYL)TRIMETHYL-, IODIDE see: BR4200000

AMMONIUM CARBAZOATE see: BS3855000
AMMONIUMCARBONAT (German) see: BP1925000

BP1925000 AMMONIUM CARBONATE
UPDT:8308 CAS: 506-87-6 MW: 96.11 MOLFM: C-H2-O3 2H3-N
SYN: AMMONIUMCARBONAT (German) * AMMONIUM CARBONATE (DOT) * CARBONIC ACID AMMONIUM SALT * CARBONIC ACID, DIAMMONIUM SALT (8CI,9CI) * DIAMMONIUM CARBONATE * NA 9084 (DOT)
TOXICITY DATA AND REFERENCES:
2J26F12 ivn-mus LD50:96 mg/kg AJVRAH 29,897,68
ivn-dog LDLo:200 mg/kg HBAMAK 4,1289,35
scu-frg LDLo:250 mg/kg HBAMAK 4,1289,35
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
AMMONIUM CARBONATE see: BO8600000
AMMONIUM CARBONATE, mixed with AMMONIUM NITRATE see: BR9060000
AMMONIUM CARBONATE (DOT) see: BP1925000

BP2095000 AMMONIUM, (2-CARBOXY-1,1-DIMETHYLETHYL)TRIMETHYL-, IODIDE, ESTER with CHOLINE IODIDE
UPDT:8305 MW: 500.25 MOLFM: C13-H30-N2-O2 2I
SYN: (2-CARBOXY-1,1-DIMETHYLETHYL)TRIMETHYLAMMONIUM IODIDE ESTER with CHOLINE IODIDE
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LD50:50 mg/kg AIPTAK 118,210,59

BP2098000 AMMONIUM, (2-CARBOXYETHYL)DIETHYLMETHYL-, IODIDE, ESTER with CHOLINE IODIDE
UPDT:8305 MW: 500.25 MOLFM: C13-H30-N2-O2 2I
SYN: (2-CARBOXYETHYL)DIETHYLMETHYLAMMONIUM IODIDE ESTER with CHOLINE IODIDE
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:150 mg/kg AIPTAK 118,210,59

BP2098100 AMMONIUM, (2-CARBOXYETHYL)DIETHYLMETHYL-, IODIDE, ESTER with DIETHYL(2-HYDROXYETHYL)METHYL AMMONIUM IODIDE
UPDT:8305 MW: 528.31 MOLFM: C15-H34-N2-O2 2I
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:37500 ug/kg AIPTAK 118,210,59

BP2098150 AMMONIUM, (2-CARBOXYETHYL)DIMETHYLETHYL-, IODIDE, ESTER with ETHYL(2-HYDROXYETHYL)DIMETHYL AMMONIUM IODIDE
UPDT:8305 MW: 500.25 MOLFM: C13-H30-N2-O2 2I
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:50 mg/kg AIPTAK 118,210,59

BP2098200 AMMONIUM, (2-CARBOXYETHYL)DIETHYLMETHYL-, IODIDE, ESTER with (1-(HYDROXYMETHYL)PROPYL) TRIMETHYLAMMONIUM IODIDE
UPDT:8305 MW: 528.31 MOLFM: C15-H34-N2-O2 2I
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:75 mg/kg AIPTAK 118,210,59

BP2098300 AMMONIUM, (2-CARBOXYETHYL)DIMETHYLETHYL-, IODIDE, ESTER with ETHYL(2-HYDROXY-1-METHYLETHYL) DIMETHYLAMMONIUM IODIDE
UPDT:8305 MW: 514.28 MOLFM: C14-H32-N2-O2 2I
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:50 ug/kg AIPTAK 118,210,59

BP2098400 AMMONIUM, (2-CARBOXYETHYL)DIMETHYLETHYL-, IODIDE, ESTER with ETHYL(2-HYDROXYPROPYL)DIMETHYL AMMONIUM IODIDE
UPDT:8305 MW: 514.28 MOLFM: C14-H32-N2-O2 2I
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:75 mg/kg AIPTAK 118,210,59

BP2277000 AMMONIUM, (2-CARBOXYETHYL)DIMETHYLISOPROPYL-, IODIDE, ESTER with (2-HYDROXYETHYL)ISOPROPYL DIMETHYLAMMONIUM IODIDE
UPDT:8305 MW: 528.31 MOLFM: C15-H34-N2-O2 2I
TOXICITY DATA AND REFERENCES:
1E08 ivn-mus LDLo:10 mg/kg AIPTAK 118,210,59

BP2280000 AMMONIUM, (2-CARBOXYETHYL)DIMETHYLPROPYL-, IODIDE, ESTER with (2-HYDROXYETHYL)DIMETHYLPROPYL AMMONIUM IODIDE
UPDT:8305 MW: 528.31 MOLFM: C15-H34-N2-O2 2I
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:25 mg/kg AIPTAK 118,210,59

BP2295000 AMMONIUM, (2-CARBOXYETHYL)TRIETHYL-, BROMIDE, ESTER with TRIETHYL(2-HYDROXYETHYL)AMMONIUM BROMIDE
UPDT:8405 CAS: 78-25-1 MW: 462.39 MOLFM: C17-H38-N2-O2 2Br
SYN: 1-PROPANAMINIUM, N,N,N-TRIETHYL-3-OXO-3-(2-(TRIETHYLAMMONIO)ETHOXY)-, DIBROMIDE (9CI) * RACET * beta-TRIETHYLAMMONIUM (beta-TRIETHYLAMMONIUMETHYL)PROPIONATE DIBROMIDE
TOXICITY DATA AND REFERENCES:
3[illegible]2J30 ipr-mus LDLo:300 mg/kg JAPMA8 43,98,54

BP2300000 AMMONIUM, (2-CARBOXYETHYL)TRIETHYL-, IODIDE, ESTER with (2-HYDROXYETHYL)TRIETHYLAMMONIUM IODIDE
UPDT:8305 MW: 556.37 MOLFM: C17-H38-N2-O2 2I
TOXICITY DATA AND REFERENCES:
1E08 ivn-mus LDLo:50 mg/kg AIPTAK 118,210,59

BP2500000 AMMONIUM, (2-CARBOXYETHYL)TRIMETHYL-, IODIDE, ESTER with CHOLINE IODIDE
UPDT:8305 MW: 472.19 MOLFM: C11-H26-N2-O2 2I
SYN: (2-CARBOXYETHYL)TRIMETHYLAMMONIUM IODIDE ESTER with CHOLINE IODIDE
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:125 mg/kg AIPTAK 118,210,59

BP2501000 AMMONIUM, (2-CARBOXYETHYL)TRIMETHYL-, IODIDE, ESTER with (2-HYDROXY-1,1-DIMETHYLETHYL) TRIMETHYLAMMONIUM IODIDE
UPDT:8305 MW: 500.25 MOLFM: C13-H30-N2-O2 2I
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:50 mg/kg AIPTAK 118,210,59

BP2502000 AMMONIUM, (2-CARBOXYETHYL)TRIMETHYL-, IODIDE, ESTER with (2-HYDROXY-1-METHYLETHYL)TRIMETHYL AMMONIUM IODIDE
UPDT:8305 MW: 486.22 MOLFM: C12-H28-N2-O2 2I
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:100 mg/kg AIPTAK 118,210,59

BP2503000 AMMONIUM, (2-CARBOXYETHYL)TRIMETHYL-, IODIDE, ESTER with (1-(HYDROXYMETHYL(PROPYL)TRIMETHYL AMMONIUM IODIDE
UPDT:8305 MW: 500.25 MOLFM: C13-H30-N2-O2 2I
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:125 mg/kg AIPTAK 118,210,59

BP2504000 AMMONIUM, (2-CARBOXYETHYL)TRIMETHYL-, IODIDE, ESTER with (2-HYDROXY-2-METHYLPROPYL)TRIMETHYL AMMONIUM IODIDE
UPDT:8305 MW: 500.25 MOLFM: C13-H30-N2-O2 2I
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:150 mg/kg AIPTAK 118,210,59

BP2505000 AMMONIUM, (2-CARBOXYETHYL)TRIMETHYL-, IODIDE, ESTER with (2-HYDROXYPROPYL)TRIMETHYLAMMONIUM IODIDE
UPDT:8305 MW: 486.22 MOLFM: C12-H28-N2-O2 2I
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:175 mg/kg AIPTAK 118,210,59

BEST COPY AVAILABLE

BP2979500 AMMONIUM, (3-CARBOXY-2-HYDROXYPROPYL)TRIMETHYL-, CHLORIDE, 2-MONOESTER with (3-CARBOXY-2- HYDROXYPROPYL)TRIMETHYLAMMONIUM CHLORIDE
UPDT:8305 MW: 377.36 MOLFM: C14-H30-N2-O5 2Cl
SYN: BICARNESINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg AIPTAK 106,184,56

BP2979900 AMMONIUM, (3-CARBOXY-2-HYDROXYPROPYL)TRIMETHYL-, HYDROXIDE, inner salt, DL-
UPDT:8410 CAS: 406-76-8 MW: 161.23 MOLFM: C7-H15-N-O3
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:995 mg/kg BAXXDU #2008578
* ivn-mus LD50:610 mg/kg BAXXDU #2008578

BP2990000 AMMONIUM, (3-CARBOXY-2-HYDROXYPROPYL)TRIMETHYL-, HYDROXIDE, inner salt, ACETATE, L-
UPDT:8412 CAS: 3040-38-8 MW: 203.27 MOLFM: C9-H17-N-O4
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:1265 mg/kg BAXXDU #2008578
* ivn-mus LD50:795 mg/kg BAXXDU #2008578

AMMONIUM CARBOXYMETHYL CELLULOSE see: FJ5775000

BP3040000 AMMONIUM, (CARBOXYMETHYL)DIETHYL(beta-HYDROXYPHENETHYL)-, BROMIDE, ETHYL ESTER, BENZOATE (ester)
UPDT:8309 MW: 464.45 MOLFM: C23-H30-N-O4 Br
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:75 mg/kg JACSAT 81,203,59

BP3042000 AMMONIUM, (CARBOXYMETHYL)DIETHYL(beta-HYDROXYPHENETHYL)-, BROMIDE, ETHYL ESTER, p-CHLOROBENZOATE (ester)
UPDT:8309 MW: 466.89 MOLFM: C23-H29-Cl-N-O2 Br
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:400 mg/kg JACSAT 81,203,59

BP3042200 AMMONIUM, (CARBOXYMETHYL)DIETHYL(beta-HYDROXYPHENETHYL)-, BROMIDE, ETHYL ESTER, PHENOXYACETATE
UPDT:8309 MW: 494.48 MOLFM: C24-H32-N-O5 Br
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

BP3050000 AMMONIUM, (CARBOXYMETHYL)DIETHYL(3-(p-METHYLBENZYL)-2-BUTENYL)-, CHLORIDE, DECYL ESTER
UPDT:8302 CAS: 62988-56-1 MW: 466.22 MOLFM: C28-H48-N-O2 Cl
SYN: (DECYLOXYCARBONYLMETHYL)DIETHYL(3-(p-METHYLBENZYL)-2-BUTENYL)AMMONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:23 mg/kg RPTOAN 40,69,77
ipr-mus LD50:23 mg/kg RPTOAN 40,69,77

BP3130000 AMMONIUM, (2-CARBOXY-1-METHYLETHYL)ETHYLDIMETHYL-, IODIDE, ESTER with ETHYL(2-HYDROXYETHYL) DIMETHYLAMMONIUM IODIDE
UPDT:8305 MW: 514.28 MOLFM: C14-H32-N2-O2 2I
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:25 mg/kg AIPTAK 118,210,59

BP3131000 AMMONIUM, (2-CARBOXY-1-METHYLETHYL)TRIMETHYL-, IODIDE, ESTER with CHOLINE IODIDE
UPDT:8305 MW: 486.22 MOLFM: C12-H28-N2-O2 2I
SYN: (2-CARBOXY-1-METHYLETHYL)TRIMETHYLAMMONIUM IODIDE ESTER with CHOLINE IODIDE
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:75 mg/kg AIPTAK 118,210,59

BP3135000 AMMONIUM, (2-CARBOXY-2-METHYLPROPYL)TRIMETHYL-, IODIDE, ESTER with CHOLINE IODIDE
UPDT:8305 MW: 500.25 MOLFM: C13-H30-N2-O2 2I
SYN: (2-CARBOXY-2-METHYLPROPYL)TRIMETHYLAMMONIUM IODIDE ESTER with CHOLINE IODIDE
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:150 mg/kg AIPTAK 118,210,59

BP3135100 AMMONIUM, (2-CARBOXY-2-METHYLPROPYL)TRIMETHYL-, IODIDE, ESTER with (2-HYDROXY- 2-METHYLPROPYL)TRIMETHYLAMMONIUM IODIDE
UPDT:8305 MW: 528.31 MOLFM: C15-H34-N2-O2 2I
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:50 mg/kg AIPTAK 118,210,59

BP3141200 AMMONIUM, (CARBOXYMETHYL)TRIMETHYL-, CHLORIDE, ESTER with 1-DECANOL
UPDT:8402 MW: 293.93 MOLFM: C15-H32-N-O2 Cl
SYN: (CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ESTER with 1-DECANOL
TOXICITY DATA AND REFERENCES:
3F17F21J22 scu-mus LDLo:250 mg/kg APFRAD 10,435,52
* ivn-dog LDLo:10 mg/kg APFRAD 10,435,52

BP3141300 AMMONIUM, (CARBOXYMETHYL)TRIMETHYL-, CHLORIDE, ESTER with 1-DODECANOL
UPDT:8402 MW: 321.99 MOLFM: C17-H36-N-O2 Cl
SYN: (CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ESTER with 1-DODECANOL
TOXICITY DATA AND REFERENCES:
3F17F21J22 scu-mus LDLo:250 mg/kg APFRAD 10,435,52
* ivn-dog LDLo:20 mg/kg APFRAD 10,435,52

BP3141500 AMMONIUM, (CARBOXYMETHYL)TRIMETHYL-, CHLORIDE, ESTER with 2-ETHYL-1-HEXANOL
UPDT:8402 MW: 265.87 MOLFM: C13-H28-N-O2 Cl
SYN: (CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ESTER with 2-ETHYL-1-HEXANOL
TOXICITY DATA AND REFERENCES:
3F17F21J22 scu-mus LDLo:75 mg/kg APFRAD 10,435,52
* ivn-dog LDLo:10 mg/kg APFRAD 10,435,52

BP3141600 AMMONIUM, (CARBOXYMETHYL)TRIMETHYL-, CHLORIDE, ESTER with 1-HEXADECANOL
UPDT:8402 MW: 378.11 MOLFM: C21-H44-N-O2 Cl
SYN: (CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ESTER with 1-HEXADECANOL
TOXICITY DATA AND REFERENCES:
3F17F21J22 scu-mus LDLo:500 mg/kg APFRAD 10,435,52

BP3145700 AMMONIUM, (CARBOXYMETHYL)TRIMETHYL-, CHLORIDE, ESTER with 1-OCTADECANOL
UPDT:8402 MW: 406.17 MOLFM: C23-H48-N-O2 Cl
SYN: (CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ESTER with 1-OCTADECANOL
TOXICITY DATA AND REFERENCES:
* ivn-dog LDLo:20 mg/kg APFRAD 10,435,52

BP3145800 AMMONIUM, (CARBOXYMETHYL)TRIMETHYL-, CHLORIDE, ESTER with 1-OCTANOL
UPDT:8402 MW: 265.87 MOLFM: C13-H28-N-O2 Cl
SYN: (CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ESTER with 1-OCTANOL
TOXICITY DATA AND REFERENCES:
3F17F21J22 scu-mus LDLo:100 mg/kg APFRAD 10,435,52
* ivn-dog LDLo:10 mg/kg APFRAD 10,435,52

BP3160000 AMMONIUM, (CARBOXYMETHYL)TRIMETHYL-, CHLORIDE, 5-NITROFURFURYLIDENEHYDRAZIDE
UPDT:8406 MW: 290.74 MOLFM: C10-H15-N4-O4 Cl
SYN: (CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE 5-NITROFURFURYLIDENEHYDRAZIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg JAPMA8 39,313,50
3F25J25M16 ipr-mus LD50:440 mg/kg JPPMAB 16,663,64

BP3165000 AMMONIUM, (CARBOXYMETHYL)TRIMETHYL-, CHLORIDE, ((5-NITRO-2-FUROYL)METHYLENE)HYDRAZIDE
UPDT:8406 MW: 318.75 MOLFM: C11-H15-N4-O5 Cl
SYN: (CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ((5-NITRO-2-FUROYL)METHYLENE)HYDRAZIDE
TOXICITY DATA AND REFERENCES:
3F25J25M16 ipr-mus LD50:470 mg/kg JPPMAB 16,663,64

BP3323000 AMMONIUM, (CARBOXYMETHYL)TRIMETHYL-, IODIDE, 4-(DIMETHYLAMINO)-3-ISOPROPYLPHENYL ESTER
UPDT:8312 MW: 392.32 MOLFM: C15-H25-N2-O2 I
SYN: (CARBOXYMETHYL)TRIMETHYLAMMONIUM IODIDE 4-(DIMETHYLAMINO)-3-ISOPROPYLPHENYL ESTER * m-ISOPROPYL p-DIMETHYLAMINO PHENOL DIMETHYL URETHANE METHIODIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:39800 ug/kg FEPRA7 5,184,46
* scu-mus LDLo:1500 ng/kg FEPRA7 5,184,46
3F23K01K09 scu-dog LDLo:153 ug/kg FEPRA7 5,184,46

BP3323500 AMMONIUM, (CARBOXYMETHYL)TRIMETHYL-, IODIDE, 5-(DIMETHYLAMINO)-4-ISOPROPYL-o-TOLYL ESTER
UPDT:8312 MW: 406.35 MOLFM: C16-H27-N2-O2 I
SYN: (CARBOXYMETHYL)TRIMETHYLAMMONIUM IODIDE 5-(DIMETHYLAMINO)-4-ISOPROPYL-o-TOLYL ESTER * p-DIMETHYLAMINO CARVACROL DIMETHYL-URETHANE METHIODIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:95 mg/kg FEPRA7 5,184,46
* scu-mus LDLo:4 ug/kg FEPRA7 5,184,46
3F23K01K09 scu-dog LDLo:345 ug/kg FEPRA7 5,184,46

BP3323510 AMMONIUM, (CARBOXYMETHYL)TRIMETHYL-, IODIDE, 6-(DIMETHYLAMINO)-4-ISOPROPYL-m-TOLYL ESTER
UPDT:8312 MW: 406.35 MOLFM: C16-H27-N2-O2 I
SYN: (CARBOXYMETHYL)TRIMETHYLAMMONIUM IODIDE 6-(DIMETHYLAMINO)-4-ISOPROPYL-m-TOLYL ESTER * p-DIMETHYLAMINO THYMOL DIMETHYL URETHANE METHIODIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:77500 ug/kg FEPRA7 5,184,46
* scu-mus LDLo:15 ug/kg FEPRA7 5,184,46
3F23K01K09 scu-dog LDLo:4600 ug/kg FEPRA7 5,184,46

BP3675000 AMMONIUM, (9-(o-CARBOXYPHENYL)-6-(DIETHYLAMINO)-3H-XANTHEN-3-YLIDENE)DIETHYL-, CHLORIDE
UPDT:8408 CAS: 81-88-9 MW: 479.06 MOLFM: C28-H31-N2-O3 Cl
SYN: ACID BRILLIANT PINK B * ADC RHODAMINE B * AKIRIKU RHODAMINE B * AIZEN RHODAMINE BH * AIZEN RHODAMINE BHC * BASIC VIOLET 10 * BRILLIANT PINK B * CALCOZINE RED BX * CALCOZINE RHODAMINE BL * CALCOZINE RHODAMINE BX * CALCOZINE RHODAMINE BXP * 9-o-CARBOXYPHENYL-6-DIETHYLAMINO-3-ETHYLIMINO-3-ISOXANTHENE 3-ETHOCHLORIDE * (9-(o-CARBOXYPHENYL)-6-(DIETHYLAMINO)-3H-XANTHEN-3-YLIDENE) DIETHYLAMMONIUM CHLORIDE * CERISE TONER X1127 * CERTIQUAL RHODAMINE * C.I. 749 * C.I. 45170 * C.I. BASIC VIOLET 10 * C.I. FOOD RED 15 * COGILOR RED 321 10 * COSMETIC BRILLIANT PINK BLUISH D CONC * D & C RED NO. 19 * DI-BASIC RHODAMINE B * DIETHYL-m-AMINO-PHENOLPHTHALEIN HYDROCHLORIDE * EDICOL SUPRA ROSE B * EDICOL SUPRA ROSE BS * ELCOZINE RHODAMINE B * ERIOSIN RHOL2MINE B * FD AND C RED NO. 19 * FOOD RED 15 * GERANIUM LAKE N * HEXACOL RHODAMINE B EXTRA * IKADA RHODAMINE B * IRAGEN RED L-U * MITSUI RHODAMINE BX * 11411 RED * RED NO. 213 * RHEONINE B * RHODAMINE * RHODAMINE B * RHODAMINE B 20-7470 * RHODAMINE BA * RHODAMINE BA EXPORT * RHODAMINE B CHLORIDE * RHODAMINE B EXTRA * RHODAMINE B EXTRA M 310 * RHODAMINE B EXTRA S * RHODAMINE BF * RHODAMINE B500 * RHODAMINE B500 HYDROCHLORIDE * RHODAMINE BL * RHODAMINE BLUE SHADE * RHODAMINE BN * RHODAMINE BS * RHODAMINE BX * RHODAMINE BXL * RHODAMINE BXP * RHODAMINE FB * RHODAMINE FB CI * RHODAMINE LAKE RED B * RHODAMINE O * RHODAMINE TETRAETHYL * RHODAMINE S (Russian) * SICILIAN CERISE TONER A 7127 * SYMULEX MAGENTA F * SYMULEX PINK F * SYMULEX RHODAMINE B TONER F * TAKAOKA RHODAMINE B * TETRAETHYLDIAMINO-o-CARBOXY-PHENYL-XANTHENYL CHLORIDE * TETRAETHYLRHODAMINE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 66,181,79
sln-dmg-orl 1000 ppm AMNTA4 87,295,53
dnd-ham:ovr 900 umol/plate AMNTA4 87,295,53
cyt-ham:ovr 20 umol/L/5H-C ENMUDM 1,27,79
cyt-ham:lng 10 mg/L ARTODN (Suppl 4),41,80
cyt-mam:fbr 2 mg/L MUREAV 88,211,81
TUMORIGENIC DATA AND REFERENCES:
3V03P62V10 scu-rat TDLo:3600 mg/kg/68W-I GANNA2 47,51,56
2V03V10 scu-rat TD :3870 mg/kg/68W-I GANNA2 46,369,55
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg NCNSA6 5,8,53
ipr-rat LD50:112 mg/kg TOERD9 1,23,78
ivn-rat LD50:89 mg/kg TXAPA9 3,696,61
orl-mus LD50:887 mg/kg TOERD9 1,23,78
ipr-mus LDLo:128 mg/kg CBCCT* 2,62,50
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW,ANIMAL POSITIVE IARC** 16,221,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0282-0434
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BP3700000 AMMONIUM, (2-CARBOXYPROPYL)DIMETHYLETHYL-, IODIDE, ESTER with ETHYL(2-HYDROXYETHYL)DIMETHYL AMMONIUM IODIDE
UPDT:8305 MW: 514.28 MOLFM: C14-H32-N2-O2 2I
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:50 mg/kg AIPTAK 118,210,59

BP3940000 AMMONIUM, (2-CARBOXYPROPYL)TRIMETHYL-, IODIDE, ESTER with CHOLINE IODIDE
UPDT:8305 MW: 486.22 MOLFM: C12-H28-N2-O2 2I
SYN: (2-CARBOXYPROPYL)TRIMETHYLAMMONIUM IODIDE ESTER with CHOLINE IODIDE
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:150 mg/kg AIPTAK 118,210,59

AMMONIUM CHLORATE see: FN9760000
AMMONIUM CHLORATE (DOT) see: FN9760000
AMMONIUMCHLORID (German) see: BP4550000

BP4550000 AMMONIUM CHLORIDE
UPDT:8408 CAS: 12125-02-9 MW: 53.50 MOLFM: H4-N-Cl
SYN: AMCHLOR * AMMONERIC * AMMONIUMCHLORID (German) * AMMONIUM CHLORIDE (DOT) * AMMONIUM MURIATE * CHLORID AMONNY (Czech) * DARAMMON * NA 9085 (DOT) * SAL AMMONIA * SAL AMMONIAC * SALAMMONITE * SALMIAC
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,15,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1650 mg/kg 28ZPAK -,15,72
ims-rat LD50:30 mg/kg EMSUA8 4,223,46
ipr-mus LD50:485 mg/kg COREAF 256,1043,63
scu-mus LDLo:500 mg/kg 27ZIAQ -,39,73
orl-dog LDLo:600 mg/kg HBAMAK 4,1289,35
orl-rbt LDLo:1000 mg/kg HBAMAK 4,1289,35
ivn-rbt LDLo:78 mg/kg HBAMAK 4,1289,35

BEST COPY AVAILABLE

scu-gpg LDLo:72 mg/kg HBAMAK 4,1289,35
ivn-gpg LDLo:240 mg/kg JPETAB 6,595,15
orl-dom LDLo:1500 mg/kg AJVRAH 32,1229,71

REVIEW AND REFERENCES:
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 (vapor) DTLVS* 4,17,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AMMONIUM CHLORIDE (DOT) see: BP4550000

BP4991000 AMMONIUM, (2-CHLOROETHYL)(3-(DIETHYLMETHYLSILYL)PROPYL)DIMETHYL-, IODIDE
UPDT:8402 MW: 377.86 MOLFM: C12-H29-Cl-N-Si-I
SYN: (2-CHLOROETHYL)(3-(DIETHYLMETHYLSILYL)PROPYL)DIMETHYLAMMONIUM IODIDE

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:810 ug/kg PCJOAU 16,764,82

BP4992800 AMMONIUM, (2-CHLOROETHYL)DIMETHYL(TRIETHYLSILYLMETHYL)-, IODIDE
UPDT:8312 MW: 363.83 MOLFM: C11-H27-Cl-N-Si-I
SYN: (2-CHLOROETHYL)DIMETHYL(TRIETHYLSILYLMETHYL)AMMONIUM IODIDE

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:44 mg/kg PCJOAU 16,764,82

BP4992850 AMMONIUM, (2-CHLOROETHYL)DIMETHYL(3-(TRIETHYLSILYL)PROPYL)-, IODIDE
UPDT:8312 MW: 391.89 MOLFM: C13-H31-Cl-N-Si-I
SYN: (2-CHLOROETHYL)DIMETHYL(3-(TRIETHYLSILYL)PROPYL)AMMONIUM IODIDE

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:42 mg/kg PCJOAU 16,764,82

BP5100000 AMMONIUM, (2-CHLOROETHYL)TRIMETHYL- HYDROCHLORIDE
UPDT:8310 CAS: 64048-32-4 MW: 311.72 MOLFM: C10-H24-Cl-N2-O2 Cl Cl-H
SYN: CHLORCHOLINE * (2-CHLOROETHYL)TRIMETHYLAMMONIUM * ETHANAMINIUM, 2-CHLORO-N,N,N-TRIMETHYL-, (9CI) * METHYL-beta-CHLOROETHYL-BIS(beta-HYDROXYETHYL)-METHYLAMMONIUMETHYLAMINE CHLORIDE HCl

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:350 mg/kg NTIS** PB158-507

BP5250000 AMMONIUM, (2-CHLOROETHYL)TRIMETHYL-, CHLORIDE
UPDT:8412 CAS: 999-81-5 MW: 158.09 MOLFM: C5-H13-Cl-N Cl
SYN: AC 38555 * ANTYWYLEGACZ * CCC * CCC PLANT GROWTH REGULANT * CE CE CE * CHLORCHOLINCHLORID (Czech) * CHLORCHLOINCHLORIDE * CHLORCHOLINE CHLORIDE * CHLORMEQUAT * CHLORMEQUAT CHLORIDE * CHLOROCHOLINE CHLORIDE * (2-CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE * 2-CHLORO-N,N,N-TRIMETHYLETHANAMINIUM CHLORIDE * CHOLINE DICHLORIDE * 60-CS-16 * CYCLOCEL * CYCOCEL * CYCOCEL EXTRA * CYCOGAN * CYCOGAN EXTRA * CYOCEL * EI 38 555 * ETHANAMINIUM, 2-CHLORO-N,N,N-TRIMETHYL-, CHLORIDE (9CI) * HICO CCC * HORMOCEL 2CCC * INCRECEL * LIHOCIN * NCI-C02960 * RETACEL * STABILAN * TRIMETHYL beta-CHLORETHYLAMMONIUMCHLORID (Czech) * TUR

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,95,72

MUTATION DATA AND REFERENCES:
mma-esc 500 mmol/L/30M MUREAV 40,229,76
dni-mus-ivg 5 pph JIDEAE 62,378,74

TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-mus TDLo:7100 mg/kg/78W-I NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
2E04J25 orl-hmn LDLo:10 mg/kg AXVMAW 31,527,77
2E04J25 ivn-hmn LDLo:1 mg/kg AXVMAW 31,527,77
* orl-rat LD50:430 mg/kg AXVMAW 24,1049,70
* skn-rat LD50:4000 mg/kg FMCHA2 -,C53,83
2E04J25 ivn-rat LD50:12500 ug/kg AXVMAW 31,527,77
* orl-mus LD50:54 mg/kg ABMGAJ 27,663,71
* ipr-mus LD50:62 mg/kg ABMGAJ 27,663,71
2E04J25 ivn-mus LD50:7 mg/kg AXVMAW 31,527,77
* orl-dog LD50:200 mg/kg AXVMAW 24,1049,70
* orl-cat LD50:7 mg/kg AXVMAW 24,1049,70
2E04J25 ivn-cat LD50:1200 ug/kg AXVMAW 31,527,77
* orl-rbt LD50:50 mg/kg AXVMAW 24,1049,70
skn-rbt LD50:232 mg/kg WRPCA2 9,119,70
2E04J25 ivn-rbt LD50:4 mg/kg AXVMAW 31,527,77
orl-gpg LD50:615 mg/kg 31ZOAD 1,85,68
orl-ckn LD50:920 mg/kg 31ZOAD 1,85,68
skn-mam LD50:440 mg/kg GUCHAZ 6,104,73

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS: NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-158,79)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AMMONIUM CHLOROHEPTENE ARSONATE see: MJ8900000

BP5275000 AMMONIUM, (4-CHLORO-3-HYDROXYPHENYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE (ester)
UPDT:8312 MW: 336.20 MOLFM: C11-H17-N2-O2-I
SYN: (4-CHLORO-3-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) * METHIODIDE of N-METHYLURETHANE of 6-CHLORO-3-DIMETHYLAMINOPHENOL

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:4 mg/kg JCSOA9 -,182,47

BP5405000 AMMONIUM, (3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYLOCTYL-, CHLORIDE
UPDT:8306 MW: 467.59 MOLFM: C25-H36-Cl-N2-S Cl
SYN: (3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYLOCTYLAMMONIUM CHLORIDE * CHLORPROMAZINE OCTYLAMMONIUM CHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg NEOLA4 29,215,82

BP5405100 AMMONIUM, (3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYLPHENACYL-, BROMIDE
UPDT:8306 MW: 517.95 MOLFM: C25-H26-Cl-N2-O-S Br
SYN: (3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYLPHENACYLAMMONIUM BROMIDE * CHLORPROMAZINE PHENACYLAMMONIUM BROMIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:60 mg/kg NEOLA4 29,215,82

BP5405200 AMMONIUM, (3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYL(9-PHENANTHRYLMETHYL)-, BROMIDE
UPDT:8306 MW: 590.06 MOLFM: C32-H30-Cl-N2-S Br
SYN: (3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYL(9-PHENANTHRYLMETHYL)AMMONIUM BROMIDE * CHLORPROMAZINE 9-PHENANTHRYLMETHYLAMMONIUM BROMIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:45 mg/kg NEOLA4 29,215,82

BP5405300 AMMONIUM, (3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)TRIMETHYL-, IODIDE
UPDT:8306 CAS: 362-02-7 MW: 428.77 MOLFM: C18-H22-Cl-N2-I
SYN: (3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)TRIMETHYLAMMONIUM IODIDE * CHLORPROMAZINE METHIODIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg NEOLA4 29,215,82

BP5425000 AMMONIUM CHLOROPLATINATE
UPDT:8110 CAS: 16919-58-7 MW: 443.89 MOLFM: Cl6-Pt-2H4-N
SYN: AMMONIUM HEXACHLOROPLATINATE(IV) * AMMONIUM PLATINIC CHLORIDE * DIAMMONIUM HEXACHLOROPLATINATE(2-) * 1-HEXADECANAMINIUM, N-ETHYL-N,N-DIMETHYL-, BROMIDE (9CI) * PLATINATE(2-), HEXACHLORO-, DIAMMONIUM * PLATINATE(2-), HEXACHLORO-, DIAMMONIUM, (OC-6-11)- (9CI) * PLATINIC AMMONIUM CHLORIDE * QUATERNIUM-17

TOXICITY DATA AND REFERENCES:
3D07J21J24 ihl-hmn TCLo:0.9 ug/m3 BJIMAG 2,92,45
orl-rat LD50:440 ug/kg GTPZAB 23(9),4,79

REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 (SCP-M) FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AMMONIUM CHROMATE see: GB2880000
AMMONIUM CHROMATE (DOT) see: GB2880000
AMMONIUM CHROMATE(VI) see: GB2880000
AMMONIUM CHROME ALUMS see: BS4515000 AMMONIUM SULFATE, and CHROMIC SULFATE,TETRACOSAHYDRATE
AMMONIUM CITRATE DIBASIC (DOT) see: GE7573000
AMMONIUM CRYOLITE see: BD0050000

BP5732000 AMMONIUM, (3-CYANO-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYL-, IODIDE
UPDT:8305 MW: 462.46 MOLFM: C23-H31-N2-I
SYN: (3-CYANO-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYLAMMONIUM IODIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:8878 ug/kg AIPTAK 103,100,55

BP5782000 AMMONIUM, (4-CYCLOHEXYL-3-HYDROXYPHENYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE
UPDT:8312 MW: 418.36 MOLFM: C17-H27-N2-O2-I
SYN: (4-CYCLOHEXYL-3-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE * METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINO-6-CYCLOHEXYLPHENOL

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:175 mg/kg JCSOA9 -,182,47

AMMONIUM 2,4-D see: AG7075000

BP5922000 AMMONIUM, DECAMETHYLENEBIS(ETHYLDI-2-PYRIDYL-, DIIODIDE
UPDT:8308 MW: 792.66 MOLFM: C34-H46-N6-2I
SYN: DECAMETHYLENEBIS(ETHYLDI-2-PYRIDYLAMMONIUM IODIDE)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:170 mg/kg ANTCAO 7,549,57
* ivn-mus LD50:1150 ug/kg ANTCAO 7,549,57

BP5950000 AMMONIUM, DECAMETHYLENEBIS(TRIMETHYL-, DIBROMIDE
UPDT:8407 CAS: 541-22-0 MW: 418.38 MOLFM: C16-H38-N2-2Br
SYN: DECACURAN * DECAMETHONIUM * DECAMETHONIUM BROMIDE * DECAMETHONIUM DIBROMIDE * DECAMETHYLENEBIS(TRIMETHYLAMMONIUM BROMIDE) * DECAMETHYLENE-1,10-BISTRIMETHYLAMMONIUM DIBROMIDE * 1,10-DECANEDIAMINIUM, N,N,N,N',N',N'-HEXAMETHYL-, DIBROMIDE (9CI) * SYNCURINE

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:2900 ug/kg TXAPA9 14,67,69
* ipr-mus LD50:900 ug/kg JAPMAB 45,792,56
* ivn-mus LD50:630 ug/kg AIPTAK 105,221,56

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BP6300000 AMMONIUM, DECAMETHYLENEBIS(TRIMETHYL-, DIIODIDE
UPDT:8406 CAS: 1420-40-2 MW: 512.36 MOLFM: C16-H38-N2-2I
SYN: 1,10-DECANEDIAMINIUM, N,N,N,N(sup 1),N(sup 1),N(sup 1)-HEXAMETHYL-, DIIODIDE (9CI) * DECAMETHIONIUM IODIDE * DECAMETHONIUM DIIODIDE * DECAMETHONIUM IODIDE * EULISSIN A * EULIXINE * PROCURAN

TOXICITY DATA AND REFERENCES:
orl-rat LD50:85 mg/kg PSEBAA 120,511,65
ipr-rat LD50:1550 ug/kg TXAPA9 36,585,76
orl-mus LD50:115 mg/kg PSEBAA 120,511,65
ivn-rbt LD50:200 ug/kg RISSAF 12,158,49
* ivn-ckn LD50:80 ug/kg AIPTAK 122,152,59

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BP6385000 AMMONIUM, 4-((4,6-DIAMINO-m-TOLYL)IMINO)-2,5-CYCLOHEXADIEN-1-YLIDENE)DIMETHYL-, CHLORIDE
UPDT:8401 CAS: 1326-22-3 MW: 290.83 MOLFM: C15-H19-N4-Cl
SYN: CHLORIDE of DIAMINO METHYL PHENYL DIMETHYL p-BENZOQUINONE DIIMINE * C.I. 50411 * C.I. 50435 * (4-((4,6-DIAMINO-m-TOLYL)IMINO)-2,5-CYCLOHEXADIEN-1-YLIDENE)DIMETHYLAMMONIUM CHLORIDE * TOLUYLENE BLUE * TOLUYLENE BLUE (BASIC DYE) (9CI)

TUMORIGENIC DATA AND REFERENCES:
2V03Q60 scu-rat TDLo:1175 mg/kg/46W-I GANNA2 45,447,54

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#04800

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AMMONIUM 2,4-DICHLOROPHENOXYACETATE see: AG7075000
AMMONIUMDICHROMAAT (Dutch) see: HX7650000
AMMONIUMDICHROMAT (German) see: HX7650000
AMMONIUM DICHROMATE see: HX7650000
AMMONIUM DICHROMATE (VI) see: HX7650000
AMMONIUM (DICHROMATE D') (French) see: HX7650000
AMMONIUM DICHROMATE (DOT) see: HX7650000

BP6825000 AMMONIUM, (4-(p-(DIETHYLAMINO)-alpha-PHENYLBENZYLIDENE)-2,5-CYCLOHEXADIEN-1-YLIDENE)- DIETHYL-, SULFATE (1:1)
UPDT:8403 CAS: 633-03-4 MW: 482.69 MOLFM: C27-H33-N2-H-O4-S
SYN: ADC BRILLIANT GREEN CRYSTALS * AIZEN DIAMOND GREEN GH * AIZEN MALACHITE GREEN GH * ANILINE GREEN * ASTRA DIAMOND GREEN GX * AVON GREEN A 4379 * BASIC BRIGHT GREEN * BASIC BRIGHT GREEN SULFATE * BASIC BRILLIANT GREEN * BASIC GREEN 1 * BASIC GREEN V * BENZALDEHYDE GREEN * BRILLIANT GREEN * BRILLIANT GREEN ASEPTIC * BRILLIANT GREEN B * BRILLIANT GREEN B.P. * BRILLIANT GREEN BP CRYSTALS * BRILLIANT GREEN BPC * BRILLIANT GREEN CRYSTALS * BRILLIANT GREEN CRYSTALS H * BRILLIANT GREEN DSC * BRILLIANT GREEN G * BRILLIANT GREEN GX * BRILLIANT GREEN LAKE * BRILLIANT GREEN P * BRILLIANT GREEN SPECIAL * BRILLIANT GREEN SULFATE * BRILLIANT GREEN WP CRYSTALS * BRILLIANT GREEN Y * BRILLIANT GREEN YN * BRILLIANT GREEN YNS * BRILLIANT LAKE GREEN Y * BRILLIANT TUNGSTATE GREEN TONER 61-288 * CALCOZINE BRILLIANT GREEN G * C.I. 42040 * C.I. BASIC GREEN 1 * C.I. BASIC GREEN 1, SULFATE (1:1) * DEORLENE GREEN JJO * DIAMOND GREEN G * EMERALD GREEN * ETHYL GREEN * FAST GREEN J * FAST GREEN JJO * 12415 GREEN * GREEN EN * HIDACO BRILLIANT GREEN * MALACHITE GREEN G * MITSUI BRILLIANT GREEN GX * SOLID GREEN * TERTROPHENE BRILLIANT GREEN G * TOKYO ANILINE BRILLIANT GREEN

IRRITATION DATA AND REFERENCES:
skn-hmn 2 mg/2D-I MLD ADVEA4 52,55,72
skn-gpg 6 mg/3D-I ADVEA4 52,55,72

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:8 mg/kg PSEBAA 31,825,34
orl-mus LDLo:25 mg/kg CRSBAW 138,838,44
ipr-mus LDLo:5 mg/kg PSEBAA 31,825,34

BEST COPY AVAILABLE

ivn-mus LDLo:3 mg/kg — PSEBAA 31,825,34
orl-rbt LDLo:75 mg/kg — CRSBAW 138,838,44
ipr-gpg LDLo:3 mg/kg — PSEBAA 31,825,34

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BP6830000 AMMONIUM, (4-(alpha-(p-(DIETHYLAMINO)PHENYL)-2,4-DISULFOBENZYLIDENE)-2,5-CYCLOHEXADIEN-1- YLIDENE)DIETHYL-, HYDROXIDE, MONOSODIUM SALT
UPDT:8401 CAS: 129-17-9 MW: 566.71 MOLFM: C27-H31-N2-O6-S2 Na
SYN: ACID BLUE 1 * ACID BLUE V * ACID BRIGHT AZURE Z * ACID BRILLIANT BLUE VF * ACID BRILLIANT BLUE Z * ACID BRILLANT SKY BLUE Z * ACID BRILLIANT SKY BLUE Z * ACID LEATHER BLUE V * AIZEN BRILLIANT ACID PURE BLUE VH * ALPHAZURINE 2G * AMACID BLUE V * ANHYDRO-4,4'-BIS(DIETHYLAMINO)TRIPHENYLMETHANOL-2,4'-DISULPHONIC ACID, MONOSODIUM SALT * BLEU PATENTE V * BLUE 1084 * 1085 BLUE * BLUE URS * BLUE VRS * BRILLIANT ACID BLUE A EXPORT * BRILLIANT ACID BLUE V EXTRA * BRILLIANT ACID BLUE VS * BRILLIANT BLUE GS * BUCACID PATENT BLUE VF * CARMIN BLUE VS * CARMINE BLUE VF * C.I. 42045 * C.I. ACID BLUE 1 * C.I. ACID BLUE 3 * C.I. ACID BLUE 1, SODIUM SALT * C.I. FOOD BLUE 3 * COSMETIC GREEN BLUE #25396 * 4,4'-DI(DIETHYLAMINO)-4''-6''-DISULPHOTRIPHENYLMETHANOL ANHYDRIDE, SODIUM SALT * DISULFINE BLUE VN * DISULPHINE VN * DISULPHINE BLUE VN 150 * EDICOL SUPRA BLUE VR * ERIO BRILLIANT BLUE V * ERIOGLAUCINE * ERIOGLAUCINE SUPRA * FENAZO BLUE XF * FENAZO BLUE XV * FOOD BLUE 3 * HEXACO BLUE VRS * HEXACOL BLUE VRS * HIDACID BLUE V * INTRACID PURE BLUE V * KITON PURE BLUE V * KITON PURE BLUE V.FQ * L-BLAU 3 * LEATHER BLUE G * LISSAMINE TURQUOISE VN * MERANTINE BLUE VF * PATENT BLUE * PATENT BLUE V * PATENT BLUE VF * PATENT BLUE VF-CF * PATENT BLUE VF SPECIAL * PATENT BLUE VS * PONTACYL BRILLIANT BLUE * PONTACYL BRILLIANT BLUE V * SODIUM BLUE VRS * SODIUM PATENT BLUE V * SULFACID BRILLIANT BLUE 6J * SULFAN BLUE * SULPHAN BLUE * SUMITOMO PATENT PURE BLUE VX * TETRACID CARMINE BLUE V * XYLENE BLUE VS

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:3000 mg/kg/33W-I — BJCAAI 27,230,73
3V01P62V10 ims-rat TDLo:2070 mg/kg/50W-I — JNCIAM 37,845,66
2V03V10 scu-rat TD :4050 mg/kg/45W-I — FCTXAV 9,463,71

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3000 mg/kg — FCTXAV 5,165,67
ivn-mus LD50:1900 mg/kg — TXAPA9 44,225,78

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 16,163,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BP6845000 AMMONIUM, ((DIETHYLCARBAMOYL)METHYL)DIETHYL((MESITYLCARBAMOYL)METHYL)-, CHLORIDE
UPDT:8306 CAS: 79143-73-0 MW: 398.05 MOLFM: C21-H36-N3-O2 Cl
SYN: ((DIETHYLCARBAMOYL)METHYL)DIETHYL((MESITYLCARBAMOYL)METHYL)AMMONIUM CHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:12500 ug/kg — PCJOAU 15,391,81

BP7100000 AMMONIUM, DIETHYL(2-(3,7-DIMETHYL-2,6-DIOXO-1,2,3,6-TETRAHYDRO-7H-PURIN-1-YL)ETHYL) DIMETHYL-, IODIDE
UPDT:8309 MW: 421.33 MOLFM: C14-H24-N5-O2 I
SYN: IODOMETHYLATE de DIETHYLAMINOETHYLTHEOBROMINE (French)

TOXICITY DATA AND REFERENCES:
3F12J22J24 scu-mus LD50:285 mg/kg — APFRAD 8,709,50

BP7501000 AMMONIUM, ((1,2-DIETHYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE
UPDT:8305 MW: 696.56 MOLFM: C28-H46-N2-O2 2I
SYN: ((1,2-DIETHYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)

TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD70:80 ug/kg — AIPTAK 93,46,53

AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, BUTYLCARBAMATE see: EY9955000
AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, CARBANILATE see: FD8757700
AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, CYCLOHEXANECARBAMATE see: GU7174200
AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, DIBUTYLCARBAMATE see: EZ3823000
AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, DICYCLONEXYLCARBAMATE see: EZ4215400
AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, DIPHENETHYLCARBAMATE see: FA4366000
AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, DIPHENYLCARBAMATE see: FA4375000
AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, DODECYLCARBAMATE see: FA6222000
AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, OCTYLCARBAMATE see: FC9440000
AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, PHENETHYLCARBAMATE see: FD0417000
AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, BROMIDE, BENZILATE see: BP7524000

BP7524000 AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, BROMIDE, BENZILATE (ester)
UPDT:8303 MW: 422.41 MOLFM: C21-H28-N-O3 Br
SYN: AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, BROMIDE, BENZILATE * DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE BENZILATE * DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE, BENZILATE (ester) * METHYL BENACTYZIUM BROMIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:780 mg/kg — NIIRDN 6,358,82
* ipr-mus LD50:52 mg/kg — NIIRDN 6,358,82

BP7525000 AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, BROMIDE, alpha-CYCLOPENTYL-2-THIOPHENEGLYCOLATE
UPDT:8305 CAS: 60-44-6 MW: 420.46 MOLFM: C18-H30-N-O3-S Br
SYN: alpha-CYCLOPENTYL-2-THIOPHENEGLYCOLATE DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE * 2-DIETHYLAMINOETHYL 2-CYCLOPENTYL-2-(2-THIENYL)HYDROXYACETATE METHOBROMIDE * 2-DIETHYLAMINOETHYL alpha-CYCLOPENTYL-2-THIOPHENEGLYCOLATE METHOBROMIDE * DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE, alpha-CYCLOPENTYL-2-THIOPENEGLYCOLATE * ETHANAMINIUM, 2-((CYCLOPENTYLHYDROXY-2-THIENYLACETYL)OXY)-N,N-DIETHYL-N-METHYL- BROMIDE * MONODRAL * MONODRAL BROMIDE * PENTHIENATE * PENTHIENATE BROMIDE * WIN 4369

TOXICITY DATA AND REFERENCES:
orl-mus LD50:2080 mg/kg — JPETAB 110,282,54
scu-mus LD50:350 mg/kg — CLDND*
ivn-mus LD50:16 mg/kg — JPETAB 110,282,54
ivn-gpg LDLo:99 mg/kg — CRSBAW 151,614,57

BP7600000 AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, BROMIDE, 3-METHYL-2-PHENYLVALERATE
UPDT:8405 CAS: 90-22-2 MW: 386.43 MOLFM: C19-H32-N-O2 Br
SYN: 2-DIETHYLAMINOETHYL 3-METHYL-2-PHENYLVALERATE METHYLBROMIDE * 2-DIETHYLAMINOETHYL 2-PHENYL-3-METHYLVALERATE METHYL BROMIDE * DIETHYL(2-HYDROXYETHYL)METHYL AMMONIUM BROMIDE 3-METHYL-2-PHENYLVALERATE * DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM 3-METHYL-2-PHENYLVALERATE BROMIDE * EDIPOSIN * EPIDOSIN * EPIDOZIN * ETHANAMINIUM 2-((3-METHYL-2-PHENYLVALERYL)OXY)-N,N-DIETHYL-N-METHYL- BROMIDE (9CI) * 3-METHYL-2-PHENYLVALERIC ACID 2-DIETHYLAMINOETHYL ESTER METHYL BROMIDE * 3-METHYL-2-PHENYLVALERIC ACID DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE ESTER * MUREL * PHENYLMETHYLVALERIANSAEURE-beta-DIAETHYLAMINOAETHYLESTER-BROMMETHYLAT (German) * RESITAN * VALERIC ACID, 3-METHYL-2-PHENYL-, ester with DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE * VALETHAMATE * VALETHAMATE BROMIDE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1260 mg/kg — NIIRDN 6,352,82
* scu-rat LD50:575 mg/kg — NIIRDN 6,352,82
* ivn-rat LD50:4200 ug/kg — NIIRDN 6,352,82
orl-mus LD50:330 mg/kg — ARZNAD 5,599,55
* scu-mus LD50:105 mg/kg — OYYAA2 8,245,74
* ivn-mus LD50:4200 ug/kg — NIIRDN 6,352,82
ivn-rbt LD50:9500 ug/kg — 29ZVAB -,123,69

BP7610000 AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, BROMIDE, p-(o-(OCTYLOXY)BENZAMIDO)BENZOATE
UPDT:8412 CAS: 26095-59-0 MW: 563.65 MOLFM: C29-H43-N2-O4 Br
SYN: OTILONIUM BROMIDE * OTTILONIO BROMURO (Italian)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3 gm/kg — FRPSAX 39,3,84
* ipr-mus LD50:85 mg/kg — FRPSAX 39,3,84
* scu-mus LD50:1 gm/kg — FRPSAX 39,3,84

BP7625000 AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, BROMIDE, alpha-PHENYLCYCLOHEXANEGLYCOLATE
UPDT:8408 CAS: 50-10-2 MW: 428.47 MOLFM: C21-H34-N-O3 Br
SYN: ANTRENIL * ANTRENYL * ANTRENYL BROMIDE * BA-5473 * DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE alpha-PHENYLCYCLOHEXANEGLYCOLATE * C-5473 * ETHANAMINIUM, 2-((CYCLOHEXYLHYDROXYPHENYLACETYL)OXY)-N,N-DIETHYL-N-METHYL-, BROMIDE (9CI) * METACIN * METATSIN * METHACIN * OXIFENON * OXYFENON * OXYPHENON * OXYPHENONIUM * OXYPHENONIUM BROMIDE * SPASMOPHEN

TOXICITY DATA AND REFERENCES:
orl-mus LD50:400 mg/kg — CLDND*
* ipr-mus LD50:95 mg/kg — FRPSAX 9,73,54
scu-mus LD50:350 mg/kg — CLDND*
ivn-mus LD50:30 mg/kg — CLDND*
scu-rbt LD50:100 mg/kg — CLDND*
ivn-rbt LD50:30 mg/kg — CLDND*
ivn-gpg LDLo:40 mg/kg — CRSBAW 151,614,57

BP7627000 AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, BROMIDE, alpha-PHENYL-2-THIOPHENEGLYCOLATE
UPDT:8303 CAS: 17692-63-6 MW: 428.43 MOLFM: C19-H26-N-O3-S Br
SYN: BROMOMETHYLATE de 2-PHENYL 2-(2 THIENYL) GLYCOLATE de beta-DIETHYLAMINOETHYLE (French) * BROMURE d-OXITEFONIUM (French) * DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE alpha-PHENYL-2-THIOPHENEGLYCOLATE * ETHANAMINIUM, N-N-DIETHYL-2-((HYDROXYPHENYL 2-THIENYLACETYL)OXY)-N-METHYL-, BROMIDE (9CI) * F 70 * NIBITOR * OXITEFONIUM BROMIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:27500 ug/kg — THERAP 23,1261,68

BP7632500 AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, BROMIDE, XANTHENE-9-CARBOXYLATE
UPDT:8305 CAS: 53-46-3 MW: 420.39 MOLFM: C21-H26-N-O3 Br
SYN: ASABAINE * AVAGAL * BANTHIN * BANTHINE * BANTHINE BROMIDE * beta-DIETHYLAMINOETHYL XANTHENE-9-CARBOXYLATE METHOBROMIDE * beta-DIETHYLAMINOETHYL 9-XANTHENECARBOXYLATE METHOBROMIDE * DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUMBROMIDE XANTHENE-9-CARBOXYLATE * DOLADENE * ETHANAMINIUM, N,N-DIETHYL-N-METHYL-2-((9H-XANTHEN-9-YLCARBONYL)OXY)-, BROMIDE (9CI) * FRENOGASTRICO * GASTRON * GASTROSEDAN * MANTHELINE * METANTYL * METAXAN * METHANIDE * METHANTHELINE BROMIDE * METHANTHELINIUM BROMIDE * METHANTHINE BROMIDE * METHELINA * MTB 51 * RESOBANTIN * SC 2910 * ULCINE * ULCUDEXTER * VAGAMIN * VAGANTIN * XANTELINE * XANTHENE-9-CARBOXYLIC ACID, ESTER with DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1660 mg/kg — NIIRDN 6,357,82
* orl-mus LD50:460 mg/kg — NIIRDN 6,357,82
* ipr-mus LD50:75 mg/kg — FRPSAX 9,73,54
scu-mus LDLo:600 mg/kg — ARZNAD 8,107,58
* ivn-mus LD50:4300 ug/kg — AIPTAK 105,221,56
ivn-dog LDLo:23 mg/kg — PSEBAA 78,576,51

BP7645300 AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, IODIDE, p-AMINOBENZOATE (ester)
UPDT:8308 MW: 378.29 MOLFM: C14-H23-N2-O2 I
SYN: DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM IODIDE p-AMINOBENZOATE (ester) * IODOMETHYLATE de PROCAINE (French)

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:15 mg/kg — AIPTAK 84,237,50

BP7646400 AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, IODIDE, BENZOATE (ester)
UPDT:8309 MW: 363.27 MOLFM: C14-H-2-N-O2 I
SYN: DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM IODIDE BENZOATE (ester)

TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:250 mg/kg — JACSAT 81,203,59

BP7647500 AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, IODIDE, 2,2-DIMETHYLVALERATE
UPDT:8408 CAS: 24590-26-9 MW: 376.40 MOLFM: C14-H35-N-O2 I
SYN: DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM IODIDE 2,2-DIMETHYLVALERATE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:70 mg/kg — CHTPBA 4,103,69

BP7654400 AMMONIUM, DIETHYL(alpha-(HYDROXYMETHYL)BENZYL)METHYL-, IODIDE, BENZOATE (ester)
UPDT:8309 MW: 439.37 MOLFM: C20-H26-N-O2 I
SYN: DIETHYL(alpha-(HYDROXYMETHYL)BENZYL)METHYLAMMONIUM IODIDE BENZOATE (ester)

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:150 mg/kg — JACSAT 81,203,59

BP7654500 AMMONIUM, DIETHYL(alpha-(HYDROXYMETHYL)BENZYL)METHYL-, IODIDE, o-METHOXYBENZOATE (ester)
UPDT:8309 MW: 469.40 MOLFM: C21-H28-N-O3 I
SYN: DIETHYL(alpha-(HYDROXYMETHYL)BENZYL)METHYLAMMONIUM IODIDE o-METHOXYBENZOATE (ester)

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:200 mg/kg — JACSAT 81,203,59

BP7658000 AMMONIUM, DIETHYL(beta-HYDROXYPHENETHYL)METHYL-, IODIDE, BENZOATE (ester)
UPDT:8309 MW: 439.37 MOLFM: C20-H26-N-O2 I
SYN: DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE BENZOATE (ester)

TOXICITY DATA AND REFERENCES:
2C17F02 scu-mus LDLo:300 mg/kg — JACSAT 81,203,59

BP7658100 AMMONIUM, DIETHYL(beta-HYDROXYPHENETHYL)METHYL-, IODIDE, p-CHLOROBENZOATE (ester)
UPDT:8309 MW: 473.81 MOLFM: C20-H25-Cl-N-O2 I
SYN: DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE p-CHLOROBENZOATE (ester)

TOXICITY DATA AND REFERENCES:
1F02 scu-mus LDLo:250 mg/kg — JACSAT 81,203,59

BP7658200 AMMONIUM, DIETHYL(p-HYDROXYPHENETHYL)METHYL-, IODIDE, o-CHLOROBENZOATE (ester)
UPDT:8309 MW: 473.81 MOLFM: C20-H25-Cl-N-O2 I
SYN: DIETHYL(p-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE o-CHLOROBENZOATE (ester)

TOXICITY DATA AND REFERENCES:
2C17F02 scu-mus LDLo:250 mg/kg — JACSAT 81,203,59

BP7658300 AMMONIUM, DIETHYL(beta-HYDROXYPHENETHYL)METHYL-, IODIDE, 3,4-DICHLOROBENZOATE (ester)
UPDT:8309 MW: 507.24 MOLFM: C20-H23-Cl2-N-O2 I
SYN: DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE 3,4-DICHLOROBENZOATE (ester)

TOXICITY DATA AND REFERENCES:
1F02 scu-mus LDLo:300 mg/kg — JACSAT 81,203,59

BP7658400 AMMONIUM, DIETHYL(beta-HYDROXYPHENETHYL)METHYL-, IODIDE, 3,5-DIMETHOXYBENZOATE (ester)
UPDT:8309 MW: 499.43 MOLFM: C22-H30-N-O4 I

BEST COPY AVAILABLE

SYN: DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE 3,5-DIMETHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1F02 scu-mus LDLo:200 mg/kg JACSAT 81,203,59

BP7658500 AMMONIUM, DIETHYL(beta-HYDROXYPHENETHYL)METHYL-, IODIDE, o-ETHOXYBENZOATE (ester)
UPDT:8309 MW: 483.43 MOLFM: C22-H30-N-O3 I
SYN: DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE o-ETHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1F02 scu-mus LDLo:130 mg/kg JACSAT 81,203,59

BP7658600 AMMONIUM, DIETHYL(beta-HYDROXYPHENETHYL)METHYL-, IODIDE, o-METHOXYBENZOATE (ester)
UPDT:8309 MW: 469.40 MOLFM: C21-H28-N-O3 I
SYN: DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE o-METHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1F02 scu-mus LDLo:150 mg/kg JACSAT 81,203,59

BP7658700 AMMONIUM, DIETHYL(beta-HYDROXYPHENETHYL)METHYL-, IODIDE, 2-PHENOXYPROPIONATE (ester)
UPDT:8309 MW: 483.43 MOLFM: C22-H30-N-O3 I
SYN: DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE 2-PHENOXYPROPIONATE (ester)
TOXICITY DATA AND REFERENCES:
2C17F02 scu-mus LDLo:350 mg/kg JACSAT 81,203,59

BP7658800 AMMONIUM, DIETHYL(beta-HYDROXYPHENETHYL)METHYL-, IODIDE, 3,4,5-TRIMETHOXYBENZOATE
UPDT:8309 MW: 529.46 MOLFM: C23-H32-N-O5 I
SYN: DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE 3,4,5-TRIMETHOXYBENZOATE
TOXICITY DATA AND REFERENCES:
2C17F02 scu-mus LDLo:200 mg/kg JACSAT 81,203,59

BP7658900 AMMONIUM, DIETHYL(beta-HYDROXYPHENETHYL)(2-PROPYNYL)-, BROMIDE, BENZOATE (ester)
UPDT:8309 MW: 416.40 MOLFM: C22-H26-N-O2 Br
SYN: DIETHYL(beta-HYDROXYPHENETHYL)(2-PROPYNYL)AMMONIUM BROMIDE BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
2C17F02 scu-mus LDLo:50 mg/kg JACSAT 81,203,59

BP8051700 AMMONIUM, DIETHYL(2-HYDROXYPROPYL)METHYL-, IODIDE, PHTHALATE (2:1)
UPDT:8305 MW: 676.48 MOLFM: C24-H42-N2-O4 2I
SYN: DIETHYL(2-HYDROXYPROPYL)METHYLAMMONIUM IODIDE, PHTHALATE (2:1) * Ta 4
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:4800 ug/kg AIPTAK 121,395,59

BP8054300 AMMONIUM, ((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(DIETHYLMETHYL-, DIIODIDE
UPDT:8305 MW: 748.64 MOLFM: C32-H50-N2-O2 2I
SYN: ((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(DIETHYLMETHYLAMMONIUM IODIDE) * DIIODOMETHYLATE de BIS(DIETHYLAMINOETHOXY 4-4')DIPHENYL delta gamma HEXADIENE (French) * 700 HC
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-mus LD50:35 ug/kg AIPTAK 96,462,54

BP8054350 AMMONIUM, ((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIETHYL-, DIIODIDE
UPDT:8305 MW: 776.70 MOLFM: C34-H54-N2-O2 2I
SYN: ((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIETHYLAMMONIUM IODIDE) * 701 HC
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-mus LD50:30 ug/kg AIPTAK 96,462,54

AMMONIUM, (((2-(DIETHYLMETHYLAMMONIO)-1-METHYL)ETHOXY)ETHYL)TRIMETHYL-, DIIODIDE
see: BR8475000

BP8085500 AMMONIUM, DIETHYLMETHYL(3-(2-NORBORNYL)PROPYL)-, IODIDE
UPDT:8308 MW: 351.36 MOLFM: C15-H30-N I
SYN: DIETHYLMETHYL(3-(2-NORBORNYL)PROPYL)AMMONIUM IODIDE * 312 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:17 mg/kg AIPTAK 84,237,50

BP8085600 AMMONIUM, DIETHYLMETHYL(2-(p-(5-(OCTYLCARBAMOYL)-2-(OCTYLOXY)BENZAMIDO)BENZAMIDO)ETHYL)-, IODIDE
UPDT:8408 MW: 764.93 MOLFM: C38-H61-N4-O4 I
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg FRPSAX 39,3,84
* scu-mus LD50:680 mg/kg FRPSAX 39,3,84

BP8135000 AMMONIUM, (3-(DIETHYLMETHYLSILYL)PROPYL)DIMETHYL(2-HYDROXYETHYL)-, IODIDE
UPDT:8312 MW: 359.42 MOLFM: C12-H30-N-O-Si I
SYN: (3-(DIETHYLMETHYLSILYL)PROPYL)DIMETHYL(2-HYDROXYETHYL)AMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:64 mg/kg PCJOAU 16,764,82

BP8135100 AMMONIUM, (3-(DIETHYLMETHYLSILYL)PROPYL)DIMETHYL(2-HYDROXYETHYL)-, IODIDE, ACETATE (ester)
UPDT:8312 MW: 401.46 MOLFM: C14-H32-N-O2-Si I
SYN: (3-(DIETHYLMETHYLSILYL)PROPYL)DIMETHYL(2-HYDROXYETHYL)AMMONIUM IODIDE ACETATE (ester)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:94 mg/kg PCJOAU 16,764,82

BP8140700 AMMONIUM, DIETHYLMETHYL(2-(1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURIN-7-YL)ETHYL)-, IODIDE
UPDT:8306 MW: 421.33 MOLFM: C14-H24-N5-O2 I
SYN: DIETHYLMETHYL(2-(1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURIN-7-YL)ETHYL)AMMONIUM IODIDE * IODOMETHYLATE de DIETHYLAMINOETHYLTHEOPHYLLINE (French)
TOXICITY DATA AND REFERENCES:
3F12G30J26 scu-mus LD50:135 mg/kg THERAP 4,28,49

BP8202000 AMMONIUM, ((DIETHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE, (E)-
UPDT:8305 MW: 694.54 MOLFM: C28-H44-N2-O2 2I
SYN: trans-((DIETHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD70:80 ug/kg AIPTAK 93,46,53

BP8202010 AMMONIUM, ((DIETHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE, (Z)-
UPDT:8305 MW: 694.54 MOLFM: C28-H44-N2-O2 2I
SYN: cis-((DIETHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD70:300 ug/kg AIPTAK 93,46,53

AMMONIUM DIFLUORIDE see: BQ9200000

BP8205000 AMMONIUM DIFLUORIDE, mixed with HYDROCHLORIC ACID
UPDT:8308
SYN: AMMONIUM BIFLUORIDE and HYDROFLUORIC ACID MIXTURE (DOT) * NA 1760 (DOT) * WHITE ACID (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

BP8210500 AMMONIUM, (1,5-DIHYDROBENZO(1,2-b:4,5-b')DIPYRROL-3,7-YLENEDIMETHYLENE)BIS(TRIMETHYL-, DIIODIDE
UPDT:8402 MW: 554.30 MOLFM: C18-H28-N4 2I
SYN: 3,7-BIS(DIMETHYLAMINOMETHYL)-1H,5H-PYRROLO(2,3-f)INDOLE DIMETHIODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:3 mg/kg PCJOAU 16,830,82

BP8210600 AMMONIUM, (1,7-DIHYDROBENZO(1,2-b:5,4-b')DIPYRROL-3,5-YLENEDIMETHYLENE)BIS(TRIMETHYL-, DIIODIDE
UPDT:8402 MW: 554.30 MOLFM: C18-H28-N4 2I
SYN: 3,5-BIS(DIMETHYLAMINOMETHYL)-1H,7H-PYRROLO(3,2-f)INDOLE DIMETHIODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4200 ug/kg PCJOAU 16,830,82

BP8210700 AMMONIUM, (3,6-DIHYDROBENZO(1,2-b:4,3-b')DIPYRROL-1,8-YLENEDIMETHYLENE)BIS(TRIMETHYL-, DIIODIDE
UPDT:8402 MW: 554.30 MOLFM: C18-H28-N4 2I
SYN: 1,8-BIS(DIMETHYLAMINOMETHYL)-3H,6H-PYRROLO(3,2-e)INDOLE DIMETHIODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:17 mg/kg PCJOAU 16,830,82

BP8247200 AMMONIUM, DIISOPROPYL(2-HYDROXYETHYL)METHYL-, BROMIDE, alpha-2-CYCLOHEXEN-1-YL- 2-THIOPHENEACETATE
UPDT:8405 MW: 444.53 MOLFM: C21-H34-N-O2-S Br
SYN: beta-DIISOPROPYLAMINOETHYL alpha-(2-CYCLOHEXENYL)-alpha-(2-THIENYL)ACETATE METHOBROMIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:340 mg/kg JAPMA8 45,578,56
* ivn-mus LD50:4400 ug/kg JAPMA8 45,578,56

BP8249000 AMMONIUM, DIISOPROPYL(2-HYDROXYETHYL)METHYL-, BROMIDE, 4-METHYL-XANTHENE-9-CARBOXYLATE, HYDRATE
UPDT:8306 MW: 479.49 MOLFM: C24-H31-N-O3 Br H2-O
SYN: DIISOPROPYLAMINOETHYL 4-METHYLXANTHENE-9-CARBOXYLATE METHYLBROMIDE HYDRATE DIISOPROPYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE 4-METHYL-XANTHENE-9-CARBOXYLATE HYDRATE
TOXICITY DATA AND REFERENCES:
1D16 ipr-mus LD50:65 mg/kg JMPCAS 3,157,61

BP8249200 AMMONIUM, DIISOPROPYL(2-HYDROXYETHYL)METHYL-, BROMIDE, XANTHENE-9-CARBOXYLATE
UPDT:8412 CAS: 50-34-0 MW: 447.44 MOLFM: C23-H29-N-O3 Br
SYN: DIISOPROPYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE XANTHENE-9-CARBOXYLATE * ERCORAX * ERCOTINA * KETAMAN * KIVATIN * NCI-C56257 * NEOMETANTYL * NEOPEPULSAN * PANTAS * PANTHELINE * PERVAGAL * PRO-BANTHINE * PRODIRAMON * PRO-GASTRON * PROPANTEL * PROPANTHELINE BROMIDE * SC-3171 * XANTHENE-9-CARBOXYLIC ACID ESTER with (2-HYDROXYETHYL)DIISOPROPYLMETHYLAMMONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:370 mg/kg AIPTAK 180,155,69
ipr-rat LD50:25 mg/kg CLDND*
scu-rat LD50:298 mg/kg AIPTAK 180,155,69
idu-rat LD50:125 mg/kg AIPTAK 180,155,69
orl-mus LD50:445 mg/kg RPOBAR 2,319,70
* ipr-mus LD50:73 mg/kg NIIRDN 6,356,82
* ivn-mus LD50:6995 ug/kg AIPTAK 103,100,55
orl-rbt LD50:750 mg/kg GUCHAZ 6,36,73
ivn-gpg LDLo:51 mg/kg CRSBAW 151,614,57
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BQ1000000 AMMONIUM, DIMETHYLALKYLETHYLBENZYL-, CYCLOHEXYLSULFAMATE
UPDT:8309 CAS: 37335-68-5
SYN: ETHYLBENZYL DIMETHYLALKYLAMMONIUM CYCLOHEXYLSULFAMATE * ONYXIDE 172
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:700 mg/kg FMCHA2 ,C173,83

BQ1140000 AMMONIUM, (4-(p-(DIMETHYLAMINO)-alpha-(p-(ETHYL(m-SULFOBENZYL)AMINO)PHENYL)BENZYLIDENE- 2,5-CYCLOHEXADIEN-1-YLIDENE)ETHYL(m-SULFOBENZYL)-, HYDROXIDE, inner salt, SODIUM SALT
UPDT:8401 CAS: 1,94-09-3 MW: 734.94 MOLFM: C39-H41-N3-O6-S2-Na
SYN: ACID FAST VIOLET 5BN * ACID VIOLET * ACID VIOLET 49 * ACID VIOLET 48MS * ACID VIOLET 5B * ACID VIOLET 6B * ACID VIOLET 5BN * ACID VIOLET 5 * ACILAN VIOLET 5MBN * A-F VIOLET No 1 * AIZEN ACID VIOLET 5BH * AIZEN FOOD VIOLET NO. 1 * BENZYL VIOLET * BENZYL VIOLET 3B * BENZYL VIOLET 4B * CALCOCID VIOLET 48MS * C.I. 42640 * C.I. ACID VIOLET 49 * C.I. ACID VIOLET 49 (Sodium Salt) * C.I. FOOD VIOLET 2 * COOMLOR VIOLET 411.12 * COOMASSIE VIOLET * D and C VIOLET NO. 1 * DISPERSED VIOLET 12197 * ERIOSIN VIOLET 3B * FAST ACID VIOLET 5BN * FD and C VIOLET 1 * FD and C VIOLET NO. 1 * FOOD VIOLET 2 * FORMYL VIOLET S4BN * HIDACID WOOL VIOLET 5B * INTRACID VIOLET 48MS * KITON VIOLET 48MS * PERGACID VIOLET 2B * PERGACID VIOLET 3B * POLAXAL VIOLET 6B * SOLAR VIOLET 5BN * TETRACID BRILLIANT VIOLET 6B * VIOLET 2 * 11386 VIOLET * VIOLET 6B * VIOLET 5B * VIOLET 5BN * VIOLET NO. 1 * WOOL VIOLET * WOOL VIOLET 4BN * WOOL VIOLET 5BN
MUTATION DATA AND REFERENCES:
mma-sat 320 ug/plate MUREAV 89,21,81
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:498 gm/kg/28W-C JNCIAM 51,1337,73
2V03V10 scu-rat TDLo:9360 mg/kg/2Y-I FEPRA7 16,367,57
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; ARVPAX 14,127,74
★ CARCINOGENIC REVIEW;ANIMAL POSITIVE IARC** 16,153,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BQ1150000 AMMONIUM, (4-(p-(DIMETHYLAMINO)-alpha-(2-HYDROXY-3,6-DISULFO-1-NAPHTHYL)BENZYLIDENE)-2,5- CYCLOHEXADIEN-1-YLIDENE)DIMETHYL-, HYDROXIDE, INNER SALT, SODIUM SALT
UPDT:8401 CAS: 3087-16-9 MW: 577.66 MOLFM: C27-H26-N2-O7-S2-Na
SYN: ACIDAL WOOL GREEN BS * ACID BRILLIANT GREEN BS * ACID GREEN 50 * ACID LEATHER GREEN S * ACILAN GREEN BS * AMACID WOOL GREEN S * BUCACID WOOL GREEN * CALCOCID GREEN S * CALCOCID GREEN SB * C.I. 44090 * C.I. ACID GREEN 50 * MONOSODIUM SALT * C.I. FOOD GREEN 4 * EDICOL SUPRA GREEN B * ERIO GREEN * GREEN S * 12078 GREEN * GREEN S * HEXACOL GREEN S * HIDACID WOOL GREEN * KITON GREEN S * LISSAMINE GREEN B * LISSAMINE GREEN BN * NAPHTHAZINE GREEN S * PHARMACID GREEN S * SUMITOMO WOOL GREEN S * UNITERTRACID GREEN BS * VERT ACIDE BRILLIANT BS * VONDACID GREEN S * WATER GREEN SX * WOOL GREEN S * WOOL GREEN B * WOOL GREEN BS * WOOL GREEN BSN6 * WOOL GREEN MS * WOOL GREEN S * WOOL GREEN S (BIOLOGICAL STAIN) * WOOL GREEN SG
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate MUREAV 89,21,81
mrc-smc 2840 umol/L FCTXAV 19,419,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AMMONIUM, (6-(DIMETHYLAMINO)-3H-THIOXANTHEN-3-YLIDENE)DIMETHYL-, CHLORIDE (8CI) see: XO1653000

BQ1450000 AMMONIUM, (9-(DIMETHYLAMINO)-3H-XANTEN-3-YLIDENE)DIMETHYL-, CHLORIDE
UPDT:8403 CAS: 92-32-0 MW: 302.83 MOLFM: C17-H19-N2-O-Cl
SYN: C.I. 45005 * METHANAMINIUM, N-(6-(DIMETHYLAMINO)-3H-XANTHEN-3-YLIDENE)-N-METHYL-, CHLORIDE (9CI) * METHYL PYRONIN * PYRONINE * PYRONINE G * PYRONINE Y * PYRONINE 2H * PYRONIN G * PYRONIN Y * PYRONIN YELLOW * SCHULTZ NO.853 * TETRAMETHYL PYRONIN
MUTATION DATA AND REFERENCES:
mma-sat 80 ug/plate TRENAF 27,153,76

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

mmo-esc 100 ppm/ 5H CSHSAZ 12,256,47
dnd-esc 20 umol/ L MUREAV 89,95,81
dnr-bcs 2 mg/disc TRENAF 27,153,76
sln-dmg-orl 1000 ppm AMNTA4 87,295,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

AMMONIUM, (3-(DIMETHYLCARBAMOYLOXY)PHENYL)TRIMETHYL-, METHYLSULFATE see: CY1225000

BQ2034100 AMMONIUM, DIMETHYLETHYL(2-HYDROXYETHYL)-, IODIDE, PHTHALATE (2:1)
UPDT.8305 MW: 620.36 MOLFM: C20-H34-N2-O4 2I
SYN: DIMETHYLETHYL(2-HYDROXYETHYL)AMMONIUM IODIDE PHTHALATE (2:1) * Tx 1
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:15800 ug/kg AIPTAK 121,395,59

BQ2034200 AMMONIUM, DIMETHYLETHYL(beta-HYDROXYPHENETHYL)-, IODIDE, BENZOATE (ester)
UPDT.8309 MW: 425.34 MOLFM: C19-H24-N-O2 I
SYN: DIMETHYLETHYL(beta-HYDROXYPHENETHYL)AMMONIUM IODIDE BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1F02 scu-mus LDLo:100 mg/kg JACSAT 81,203,59

BQ2034240 AMMONIUM, DIMETHYL(beta-HYDROXYPHENETHYL)ISOPROPYL-, IODIDE, BENZOATE (ester)
UPDT.8309 MW: 439.37 MOLFM: C20-H26-N-O2 I
SYN: DIMETHYL(beta-HYDROXYPHENETHYL)ISOPROPYLAMMONIUM IODIDE BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
2C17F02 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

BQ2034280 AMMONIUM, DIMETHYL(beta-HYDROXYPHENETHYL)ISOPROPYL-, IODIDE, p-CHLOROBENZOATE (ester)
UPDT.8309 MW: 473.81 MOLFM: C20-H25-Cl-N-O2 I
SYN: DIMETHYL(beta-HYDROXYPHENETHYL)ISOPROPYLAMMONIUM IODIDE p-CHLOROBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
2C17F02 scu-mus LDLo:400 mg/kg JACSAT 81,203,59

BQ2034700 AMMONIUM, DIMETHYLETHYL(2-HYDROXYPROPYL)-, IODIDE, PHTHALATE (2:1)
UPDT.8305 MW: 648.42 MOLFM: C22-H38-N2-O4 2I
SYN: DIMETHYLETHYL(2-HYDROXYPROPYL)AMMONIUM IODIDE PHTHALATE (2:1) * Tx 3
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:5800 ug/kg AIPTAK 121,395,59

BQ2049000 AMMONIUM, (1-(3,4-DIMETHYL-alpha-HYDROXYBENZYL)ETHYL)TRIMETHYL-, IODIDE
UPDT.8303 MW: 349.29 MOLFM: C14-H24-N-O I
SYN: (1-(3,4-DIMETHYL-alpha-HYDROXYBENZYL)ETHYL)TRIMETHYLAMMONIUM IODIDE * 1-(3,4-DIMETHYLPHENYL)-2-HYDROXYISOPROPYL)TRIMETHYLAMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:81 mg/kg CPBTAL 11,518,63

BQ2050200 AMMONIUM, DIMETHYL(2-HYDROXYETHYL)OCTYL-, BROMIDE, BENZILATE
UPDT.8310 MW: 492.36 MOLFM: C26-H38-N-O3 Br
SYN: AD-205 * BENZILSAEURE DIMETHYL-OCTYL AMMONIUM-AETHYLESTER BROMIDE (German) * (2-BENZILOXYETHYL)DIMETHYLOCTYLAMMONIUM BROMIDE * DIMETHYL(2-HYDROXYETHYL)OCTYLAMMONIUM BROMIDE BENZILATE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1150 mg/kg TXAPA9 5,225,63
ipr-mus LD50:104 mg/kg TXAPA9 5,225,63
scu-mus LD50:850 mg/kg TXAPA9 5,225,63
ivn-mus LD50:17500 ug/kg TXAPA9 5,225,63

BQ2061000 AMMONIUM, DIMETHYL(2-HYDROXYETHYL)(TRIETHYLSILYLMETHYL)-, IODIDE, ACETATE (ester)
UPDT.8312 MW: 393.49 MOLFM: C13-H36-N-O2-Si I
SYN: DIMETHYL(2-HYDROXYETHYL)(TRIETHYLSILYLMETHYL)AMMONIUM IODIDE ACETATE (ester)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:46 mg/kg PCJOAU 16,764,82

BQ2062000 AMMONIUM, DIMETHYL(2-HYDROXYETHYL)(3-(TRIETHYLSILYL)PROPYL)-, IODIDE
UPDT.8312 MW: 373.45 MOLFM: C13-H32-N-O-Si I
SYN: DIMETHYL(2-HYDROXYETHYL)(3-(TRIETHYLSILYL)PROPYL)AMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:37 mg/kg PCJOAU 16,764,82

BQ2062100 AMMONIUM, DIMETHYL(2-HYDROXYETHYL)(3-(TRIETHYLSILYL)PROPYL)-, IODIDE, ACETATE
UPDT.8312 MW: 415.49 MOLFM: C15-H34-N-O2-Si I
SYN: DIMETHYL(2-HYDROXYETHYL)(3-(TRIETHYLSILYL)PROPYL)AMMONIUM IODIDE ACETATE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:40 mg/kg PCJOAU 16,764,82

BQ2062700 AMMONIUM, DIMETHYL(2-HYDROXYETHYL)(3-(TRIETHYLSILYL)PROPYL)-, IODIDE, 3,4,5- TRIMETHOXYBENZOATE
UPDT.8312 MW: 567.65 MOLFM: C23-H42-N-O5-Si I
SYN: DIMETHYL(2-HYDROXYETHYL)(3-(TRIETHYLSILYL)PROPYL)AMMONIUM IODIDE 3,4,5-TRIMETHOXYBENZOATE * TRIETHYL(3-(N-METHYL-N-2-(3,4,5-TRIMETHOXYBENZOYLOXY)ETHYLAMINO)PROPYL)SILANE METHIODIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:91 mg/kg PCJOAU 16,764,82

BQ2067500 AMMONIUM, DIMETHYL(2-HYDROXYETHYL)(3-(TRIMETHYLSILYL)PROPYL)-, IODIDE
UPDT.8312 MW: 331.36 MOLFM: C10-H26-N-O-Si I
SYN: DIMETHYL(2-HYDROXYETHYL)(3-(TRIMETHYLSILYL)PROPYL)AMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:101 mg/kg PCJOAU 16,764,82

BQ2067600 AMMONIUM, DIMETHYL(2-HYDROXYETHYL)(3-(TRIMETHYLSILYL)PROPYL)-, IODIDE, ACETATE (ester)
UPDT.8312 MW: 373.40 MOLFM: C12-H28-N-O2-Si I
SYN: DIMETHYL(2-HYDROXYETHYL)(3-(TRIMETHYLSILYL)PROPYL)AMMONIUM IODIDE ACETATE (ester)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:92 mg/kg PCJOAU 16,764,82

BQ2067800 AMMONIUM, DIMETHYL(2-HYDROXYETHYL)(3-(TRIMETHYLSILYL)PROPYL)-, IODIDE, BENZOATE (ester)
UPDT.8312 MW: 435.47 MOLFM: C17-H30-N-O2-Si I
SYN: DIMETHYL(2-HYDROXYETHYL)(3-(TRIMETHYLSILYL)PROPYL)AMMONIUM IODIDE BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:152 mg/kg PCJOAU 16,764,82

BQ2503000 AMMONIUM, DIMETHYL(5-NITRO-2-FURFURYL)(6-(2,4,6-TRIBROMOPHENOXY)HEXYL)-, BROMIDE
UPDT.8302 CAS: 60724-09-6 MW: 664.09 MOLFM: C19-H24-Br3-N2-O4 Br
SYN: (6-(2,4,6-TRIBROMOPHENOXY)HEXYL)DIMETHYL(5-NITRO-2-FURFURYL)AMMONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg JMCMAR 20,149,77

BQ2680000 AMMONIUM, (m-((1,3,2-DIOXAPHOSPHORIN-2-YL)OXY)PHENYL)TRIMETHYL-, IODIDE, 2-OXIDE
UPDT.8305 CAS: 80521-03-9 MW: 399.19 MOLFM: C12-H19-N-O4-P I
SYN: (m-((1,3,2-DIOXAPHOSPHORIN-2-YL)OXY)PHENYL)TRIMETHYLAMMONIUM IODIDE 2-OXIDE * TDPI * O-(3-(TRIMETHYLAMMONIO)PHENYL)-1,3,2-DIOXAPHOSPHORINANE 2-OXIDE IODIDE
TOXICITY DATA AND REFERENCES:
3F07F12F18 scu-rat LD50:327 mg/kg JMCMAR 26,145,83
3F07F12F18 scu-mus LD50:444 mg/kg JMCMAR 26,145,83

BQ2702020 AMMONIUM, (2-(2,4-DIOXO-1,3,7-TRIMETHYL-1,2,3,6-TETRAHYDROPURIN-8-YL)ETHYL)TRIMETHYL-, IODIDE
UPDT.8405 MW: 422.32 MOLFM: C13-H23-N6-O2 I
SYN: CAFFEINE, 8-((2-DIMETHYLAMINOETHYL)AMINO)- METHIODIDE * 8-((2-DIMETHYLAMINOETHYL)AMINO)CAFFEINE METHIODIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:60 mg/kg JAPMA8 48,190,59

BQ2704200 AMMONIUM, (3,3-DIPHENYL-1-METHYL-4-OXOHEXYL)TRIMETHYL-, IODIDE
UPDT.8312 MW: 451.43 MOLFM: C22-H30-N-O I
SYN: (3,3-DIPHENYL-1-METHYL-4-OXOHEXYL)TRIMETHYLAMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg JCSOA9 -,648,49

AMMONIUM DISULFATONICKELATE(II) see: WS6050000

BQ2975000 AMMONIUM, DODECYLDIMETHYL(2-HYDROXY-3-CHLOROPROPYL)-, CHLORIDE
UPDT.8307 CAS: 41892-01-7 MW: 342.45 MOLFM: C17-H37-Cl-N-O Cl
SYN: N,N-DIMETHYL-n-DODECYL(2-HYDROXY-3-CHLOROPROPYL)AMMONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1070 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:200 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BQ3150000 AMMONIUM, DODECYLDIMETHYL(3-HYDROXYPROPENYL)-, CHLORIDE
UPDT.8307 CAS: 38094-02-9 MW: 304.98 MOLFM: C17-H35-N-O Cl
SYN: N,N-DIMETHYL-n-DODECYL(3-HYDROXYPROPENYL) AMMONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1070 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:89 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BQ3980000 AMMONIUM, (2-(((ETHYLAMINO)IMINOMETHYL)THIO)ETHYL)TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE
UPDT.8401 CAS: 32458-57-4 MW: 351.20 MOLFM: C8-H20-N3-S Br Br H
SYN: ETHANAMINIUM, 2-(((ETHYLAMINO)IMINOMETHYL)THIO)-N,N,N-TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE * (2-(((ETHYLAMINO)IMINOMETHYL)THIO)ETHYL)TRIMETHYL AMMONIUM BROMIDE HYDROBROMIDE * ETMA * S-(2-TRIMETHYLAMINOETHYL)-1-ETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
2F19J30 ipr-mus LD50:95 mg/kg CPBTAL 23,1639,75
2F19J30 scu-mus LD50:102 mg/kg CPBTAL 23,1639,75
2F19J30 ivn-mus LD50:81800 ug/kg CPBTAL 23,1639,75

AMMONIUM ETHYL CARBAMOYLPHOSPHONATE solution see: OC5180000

BQ4313000 AMMONIUM, (ETHYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(DIETHYLMETHYL-, DIIODIDE
UPDT.8303 CAS: 15621-20-2 MW: 628.44 MOLFM: C20-H42-N2-O4 2I
SYN: 1,2-BIS(4-DIETHYLAMINO-1,3-DIOXOLANYL-2)ETHANE DIMETHIODIDE * (ETHYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(DIETHYLMETHYLAMMONIUM) DIIODIDE
TOXICITY DATA AND REFERENCES:
1E15 unk-mus LD50:4400 ug/kg PCJOAU 2,117,68

BQ4313500 AMMONIUM, (ETHYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(TRIMETHYL-, DIIODIDE
UPDT.8303 CAS: 15483-60-0 MW: 572.32 MOLFM: C16-H34-N2-O4 2I
SYN: 1,2-BIS(4-DIMETHYLAMINO-1,3-DIOXOLANYL-2)ETHANE DIMETHIODIDE * 1,3-DIOXOLANE-4-METHANAMINIUM, 2,2'-(1,2-ETHANEDIYL)BIS(N,N,N-TRIMETHYL-, DIIODIDE (9CI) * (ETHYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(TRIMETHYLAMMONIUM) DIIODIDE * P 227
TOXICITY DATA AND REFERENCES:
1E15 unk-mus LD50:7150 ug/kg PCJOAU 2,117,68

BQ4350000 AMMONIUM, (ETHYLENEBIS(OXYETHYLENE))BIS(BENZYLDIETHYL-, DIBROMIDE
UPDT.8305 MW: 602.58 MOLFM: C26-H46-N2-O2 2Br
SYN: (ETHYLENEBIS(OXYETHYLENE))BIS(BENZYLDIETHYLAMMONIUM BROMIDE) * 516 HC
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:8 mg/kg THERAP 9,314,54

BQ4351000 AMMONIUM, (ETHYLENEBIS(OXYETHYLENE))BIS(BENZYLDIETHYL-, DICHLORIDE
UPDT.8305 MW: 513.66 MOLFM: C26-H46-N2-O2 2Cl
SYN: (ETHYLENEBIS(OXYETHYLENE))BIS(BENZYLDIETHYLAMMONIUM CHLORIDE) * 513 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4500 mg/kg AIPTAK 94,1,53

BQ4352000 AMMONIUM, (ETHYLENEBIS(OXYETHYLENE))BIS((2-BROMOETHYL)DIETHYL-, DIBROMIDE
UPDT.8305 MW: 636.24 MOLFM: C18-H40-Br2-N2-O2 2Br
SYN: (ETHYLENEBIS(OXYETHYLENE))BIS((2-BROMOETHYL)DIETHYLAMMONIUM BROMIDE) * 517 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg AIPTAK 94,1,53

BQ4353000 AMMONIUM, (ETHYLENEBIS(OXYETHYLENE))BIS((2-BROMOETHYL)DIMETHYL-, DIBROMIDE
UPDT.8305 MW: 580.12 MOLFM: C14-H32-Br2-N2-O2 2Br
SYN: DIBROMOBROMETHYLATE de N,N-BIS(DIMETHYLAMINOETHOXY)ETHYLENE (French) * (ETHYLENEBIS(OXYETHYLENE))BIS((2-BROMOETHYL)DIMETHYLAMMONIUM BROMIDE) * 516 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:12 mg/kg AIPTAK 94,1,53

BQ4355000 AMMONIUM, (ETHYLENEBIS(OXYETHYLENE))BIS(DIETHYLMETHYL-, DIIODIDE
UPDT.8305 MW: 544.36 MOLFM: C16-H38-N2-O2 2I
SYN: (ETHYLENEBIS(OXYETHYLENE))BIS(DIETHYLMETHYLAMMONIUM IODIDE) * 502 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:17500 ug/kg AIPTAK 94,1,53

BQ4356000 AMMONIUM, (ETHYLENEBIS(OXYETHYLENE))BIS(ETHYLDIMETHYL-, DIIODIDE
UPDT.8305 MW: 516.30 MOLFM: C14-H34-N2-O2 2I
SYN: (ETHYLENEBIS(OXYETHYLENE))BIS(ETHYLDIMETHYLAMMONIUM IODIDE) * 501 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg AIPTAK 94,1,53

BQ4365000 AMMONIUM, (ETHYLENEBIS(OXYETHYLENE))BIS(TRIETHYL-, DIBROMIDE
UPDT.8305 MW: 478.44 MOLFM: C18-H42-N2-O2 2Br
SYN: (ETHYLENEBIS(OXYETHYLENE))BIS(TRIETHYLAMMONIUM BROMIDE) * 515 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg AIPTAK 94,1,53

BQ4365100 AMMONIUM, (ETHYLENEBIS(OXYETHYLENE))BIS(TRIETHYL-, DICHLORIDE
UPDT.8305 MW: 389.52 MOLFM: C18-H42-N2-O2 2Cl
SYN: (ETHYLENEBIS(OXYETHYLENE))BIS(TRIETHYLAMMONIUM CHLORIDE) * 514 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5500 ug/kg AIPTAK 94,1,53

BQ4365200 AMMONIUM, (ETHYLENEBIS(OXYETHYLENE))BIS(TRIETHYL-, DIIODIDE
UPDT.8307 MW: 572.42 MOLFM: C18-H42-N2-O2 2I
SYN: (ETHYLENEBIS(OXYETHYLENE))BIS(TRIETHYLAMMONIUM IODIDE) * 503 HC
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:30 mg/kg THERAP 9,314,54
* ivn-mus LD50:11 mg/kg AIPTAK 94,1,53

BQ4365300 AMMONIUM, (ETHYLENEBIS(OXYETHYLENE))BIS(TRIMETHYL-, DIBENZENESULFONATE
UPDT.8305 MW: 548.78 MOLFM: C12-H30-N2-O2 2C6-H5-S-O3

BEST COPY AVAILABLE

SYN: (ETHYLENEBIS(OXYETHYLENE))BIS(TRIMETHYLAMMONIUM BENZENESULFONATE) * 512 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:42 mg/kg AIPTAK 94,1,53

BQ4365400 AMMONIUM, (ETHYLENEBIS(OXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE

UPDT:8305 MW: 488.24 MOLFM: C12-H30-N2-O2-2I

SYN: (ETHYLENEBIS(OXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) * 500 HC

TOXICITY DATA AND REFERENCES:

3C08J22J30 scu-mus LD50:90 mg/kg THERAP 9,314,54

* ivn-mus LD50:52500 ug/kg AIPTAK 94,1,53

BQ4367000 AMMONIUM, ETHYLENEBIS(p-PHENYLENEDIMETHYLENE)BIS(TRIETHYL-, DIBROMIDE

UPDT:8406 MW: 570.58 MOLFM: C28-H46-N2-2Br

SYN: ETHYLENEBIS(p-PHENYLENEDIMETHYLENE)BIS(TRIETHYLAMMONIUM BROMIDE)

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1500 ug/kg JAPMA8 45,792,56

BQ4370000 AMMONIUM, (ETHYLENEBIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE

UPDT:8305 MW: 640.44 MOLFM: C24-H38-N2-O2-2I

SYN: (ETHYLENEBIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)

TOXICITY DATA AND REFERENCES:

1J30 ivn-mus LD70:1750 mg/kg AIPTAK 93,46,53

BQ4372000 AMMONIUM, (ETHYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE

UPDT:8305 MW: 668.50 MOLFM: C26-H42-N2-O2-2I

SYN: (ETHYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)

TOXICITY DATA AND REFERENCES:

1J30 ivn-mus LD70:350 mg/kg AIPTAK 93,46,53

BQ4375000 AMMONIUM, ETHYL(4-(p-(ETHYL(m-SULFOBENZYL)AMINO)-alpha-PHENYLBENZYLIDENE)- 2,5-CYCLOHEXADIEN-1-YLIDENE)(m-SULFOBENZYL)-, HYDROXIDE, INNER SALT, SODIUM SALT

UPDT:8401 CAS: 4680-78-8 MW: 691.86 MOLFM: C37-H36-N2-O6-S2-Na

SYN: ACIDAL GREEN G * ACID GREEN 3 * ACID GREEN * ACID GREEN B * ACID GREEN 2G * ACID GREEN S * ACID GREEN G * ACID GREEN L * ACID LEATHER GREEN F * ACID LEATHER GREEN 3G * ACRAN GREEN B * A.F. GREEN NO. 1 * AMACID GREEN B * BRILLIANT GREEN JEMBI * BUCACID GUINEA GREEN BA * CALCOCID GREEN G * C.I. 42085 * C.I. ACID GREEN 3 * C.I. ACID GREEN 3, MONOSODIUM SALT * C.I. ACID GREEN 3, SODIUM SALT * C.I. FOOD GREEN 1 * FD AND C GREEN NO. 1 * FDC GREEN 1 * FENAZO GREEN L * FOOD GREEN 1 * GUINEA GREEN * GUINEA GREEN B * GUINEA GREEN BA * HIDACID EMERALD GREEN * HISPACID GREEN GB * INTRACID GREEN F * KITON GREEN F * KITON GREEN FC * LEATHER GREEN B * LISSAMINE GREEN G * MERANTINE GREEN G * NAPHTHALENE GREEN G * NAPHTHALENE LAKE GREEN G * NAPHTHALENE LEATHER GREEN G * NERAN BRILLIANT GREEN G * PONTACYL GREEN BL * SULFACID BRILLIANT GREEN 1B * SULPHO GREEN 2B * VONDACID GREEN L

MUTATION DATA AND REFERENCES:

mma-sat 320 ug/plate MUREAV 89,21,81

TUMORIGENIC DATA AND REFERENCES:

2V03P62 orl-rat TDLo:660 gm/kg/43W-C GASTAB 23,1,53

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARVPAX 14,127,74

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 16,199,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0780-0350

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BQ4425000 AMMONIUM, ETHYL(4-(alpha-(p-(ETHYL(m-SULFOBENZYL)AMINO)PHENYL)-4-HYDROXY- 3-SULFOBENZYLIDENE)-2,5-CYCLOHEXADIEN-1-YLIDENE)(m-SULFOBENZYL)-, HYDROXIDE INNER SALT, DISODIUM SALT

UPDT:8405 CAS: 2353-45-9 MW: 810.91 MOLFM: C37-H36-N2-O10-S3-2Na

SYN: AIZEN FOOD GREEN NO. 3 * C.I. 42053 * C.I. FOOD GREEN 3 * FAST GREEN FCF * FD AND C GREEN NO. 3 * FOOD GREEN 3 * 1724 GREEN * SOLID GREEN FCF

MUTATION DATA AND REFERENCES:

cyt-ham-ovr 20 umol/L/5H-C ENMUDM 1,27,79

cyt-ham-lng 2 gm/L GMCRDC 27,95,81

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-rat TDLo:5925 mg/kg/48W-I JNCIAM 24,769,60

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARVPAX 14,127,74

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 16,187,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BQ4550000 AMMONIUM, ETHYL(4-(p-(ETHYL(m-SULFOBENZYL)AMINO)-alpha-(o-SULFOPHENYL)BENZYLIDENE)- 2,5-CYCLOHEXADIEN-1-YLIDENE)(m-SULFOBENZYL)-, HYDROXIDE, INNER SALT, DIAMMONIUM SALT

UPDT:8401 CAS: 2650-18-2 MW: 783.01 MOLFM: C37-H36-N2-O9-S3-2H3-N

SYN: ACID BLUE 9 * ACRAN TURQUOISE BLUE AE * A.F. BLUE NO. 1 * AIZEN BRILLIANT BLUE FCF * ALPHAZURINE * ALPHAZURINE FG * ALPHAZURINE FOND * ALPHAZURINE (INDICATOR) * AMACID BLUE FG CONC * BLEU BRILLIANT FCF * 11368 BLUE * BRILLIANT BLUE * BUCACID AZURE BLUE * CALCOCID BLUE EG * CALCOCID BLUE 2 G * C.I. 671 * C.I. 42090 * C.I. ACID BLUE 9 * C.I. ACID BLUE 9 DIAMMONIUM SALT * C.I. DIRECT BROWN 78 * C.I. DIRECT BROWN 78, DIAMMONIUM SALT * C.I. FOOD BLUE 2 * D and C BLUE NO. 4 * DISULPHINE LAKE BLUE EG * EDICOL SUPRA BLUE E6 * ERIOGLAUCINE * ERIOGLAUCINE A * ERIOGLAUCINE E * ERIOSKY BLUE * FENAZO BLUE XR * HIDACID AZURE BLUE * H.K. FORMULA NO. K 7137 * KITON BLUE AR * KITON PURE BLUE L * MAPLE BRILLIANT BLUE FCF * NEPTUNE BLUE BRA * NEPTUNE BLUE BRA CONCENTRATION * PATENT BLUE AE * PATENT BLUE ZF * PEACOCK BLUE X 1756 * SCHULTZ NO. 770 * TRIANTINE LIGHT BROWN 3RN * XYLENE BLUE VSG

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-rat TDLo:10 gm/kg/77W-I TXAPA9 8,29,66

3V03K60P62 par-rat TDLo:4580 mg/kg/62W-I FAONAU 38B,22,66

2V03V10 scu-rat TD 2 gm/kg/94W-I FAONAU 38B,29,66

TOXICITY DATA AND REFERENCES:

scu-mus LD50:4600 mg/kg ZEKBAI 64,287,61

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARVPAX 14,127,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BQ4725000 AMMONIUM, ETHYL(4-(p-(ETHYL(m-SULFOBENZYL)AMINO)-alpha-(o-SULFOPHENYL)BENZYLIDENE)- 2,5-CYCLOHEXADIEN-1-YLIDENE)(m-SULFOBENZYL)-, HYDROXIDE, INNER SALT, DISODIUM SALT

UPDT:8405 CAS: 3844-45-9 MW: 794.91 MOLFM: C37-H36-N2-O9-S3-2Na

SYN: ACID SKY BLUE A * AIZEN FOOD BLUE NO. 2 * 1706 BLUE * BLUE 1706 * BRILLIANT BLUE * BRILLIANT BLUE FCD NO. 1 * BRILLIANT BLUE FCF * CANACERT BRILLIANT BLUE FCF * C.I. ACID BLUE 9, DISODIUM SALT * C.I. FOOD BLUE 2 * COOKOR BLUE 512/12 * COSMETIC BLUE LAKE * D and C BLUE NO. 4 * DISPERSED BLUE 12195 * DOLKWAL BRILLIANT BLUE * EDICOL BLUE CL 2 * ERIOGLAUCINE G * FD and C BLUE 1 * FD and C BLUE NO. 1 * FDC BLUE NO. 1 * FENAZO BLUE XI * FOOD BLUE 2 * FOOD BLUE DYE NO. 1 * HISACID BRILLIANT BLUE A * INTRACID PURE BLUE L * MERANTINE BLUE EG * USACERT BLUE NO. 1

MUTATION DATA AND REFERENCES:

cyt-ham-lng 4400 mg/L GMCRDC 27,95,81

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-rat TDLo:5.5 gm/kg/97W-I ZEKBAI 64,287,61

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 16,171,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BQ4900000 AMMONIUM, ETHYL(4-(p-(ETHYL(m-SULFOBENZYL)AMINO-alpha-(p-SULFOPHENYL)BENZYLIDENE)- 2,5-CYCLOHEXADIEN-1-YLIDENE)(m-SULFOBENZYL)-, HYDROXIDE INNER SALT, DISODIUM SALT

UPDT:8401 CAS: 5141-20-8 MW: 794.91 MOLFM: C37-H36-N2-O9-S3-2Na

SYN: ACIDAL LIGHT GREEN SF * ACID BRILLIANT GREEN SF * ACID GREEN 5 * ACID GREEN A * ACILAN GREEN SFG * A.F. GREEN NO. 2 * AMACID GREEN G * C.I. 42093 * C.I. ACID GREEN 5 * C.I. ACID GREEN 5, DISODIUM SALT * C.I. FOOD GREEN 2 * D and C GREEN NO. 4 * FAST ACID GREEN N * FD and C GREEN NO. 2 * FD AND C GREEN NO. 2 ALUMINUM LAKE * FENAZO GREEN ZG * FOOD GREEN 2 * GREEN No. 203 * LEATHER GREEN SF * LICHTGRUEN (German) * LIGHT GREEN CF * LIGHT GREEN FCF YELLOWISH * LIGHT GREEN FS * LIGHT GREEN G * LIGHT GREEN ZGN * LIGHT GREEN LAKE * LIGHT GREEN S * LIGHT GREEN SF * LIGHT GREEN SFA * LIGHT GREEN SFD * LIGHT GREEN SF YELLOWISH * LIGHT GREEN YELLOWISH * LIGHT SF YELLOWISH (BIOLOGICAL STAIN) * LISSAMINE GREEN SF * LISSAMINE LAKE GREEN SF * MERANTINE GREEN SF * MY 68 * PENCIL GREEN SF * SULFO GREEN 2 * SUMITOMO LIGHT GREEN SF YELLOWISH * WOOL BRILLIANT GREEN SF

MUTATION DATA AND REFERENCES:

mma-sat 320 ug/plate MUREAV 89,21,81

TUMORIGENIC DATA AND REFERENCES:

2V01P62 orl-rat TDLo:1300 gm/kg/86W-C GASTAB 23,1,53

2V02V10 scu-rat TDLo:6825 mg/kg/46W-I JNCIAM 24,769,60

TOXICITY DATA AND REFERENCES:

ivn-mus LD50:700 mg/kg TXAPA9 44,225,78

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARVPAX 14,127,74

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 16,209,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BQ5425000 AMMONIUM, ETHYLHEXADECYLDIMETHYL-, BROMIDE

UPDT:8403 CAS: 124-03-8 MW: 378.56 MOLFM: C20-H44-N-Br

SYN: AMMONYX DME * BRETOL * CDA * CETYLCIDE * CETYLDIMETHYLETHYLAMMONIUM BROMIDE * CETYLETHYLDIMETHYLAMMONIUM BROMIDE * DIMETHYLETHYLHEXADECYLAMMONIUM BROMIDE * ETHYL CETAB * N-ETHYL N,N-DIMETHYL 1-HEXADECANAMINIUM BROMIDE * ETHYLHEXADECYLDIMETHYLAMMONIUM BROMIDE * RADIOL GERMICIDAL SOLUTION

TOXICITY DATA AND REFERENCES:

orl-rat LD50:500 mg/kg PCOC** -,206,66

orl-gpg LD50:158 mg/kg PCOC** -,206,66

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BQ5460000 AMMONIUM, ETHYL(2-HYDROXYETHYL)DIMETHYL-

UPDT:8405 CAS: 13205-69-1 MW: 118.23 MOLFM: C6-H16-N-O

SYN: DIMETHYLETHYLCHOLINE * N-DIMETHYLETHYLCHOLINE * ETHANAMINIUM, N-ETHYL 2-HYDROXY N,N-DIMETHYL- * MONOETHYLCHOLINE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:6930 mg/kg TXAPA9 12,486,68

ipr-rat LD50:297 mg/kg TXAPA9 12,486,68

BQ5600000 AMMONIUM, ETHYL(2-HYDROXYETHYL)DIMETHYL-, CHLORIDE, BENZILATE

UPDT:8403 CAS: 1164-38-1 MW: 363.92 MOLFM: C20-H26-N-O3-Cl

SYN: BENZILIC ACID, ester with ETHYL(2-HYDROXYETHYL)DIMETHYLAMMONIUM CHLORIDE * BENZILYLOXYETHYLDIMETHYLETHYLAMMONIUM CHLORIDE * E 3 * ETHANAMINIUM, N-ETHYL 2-((HYDROXYDIPHENYLACETYL)OXY)-N,N-DIMETHYL-, CHLORIDE (9CI) * N-ETHYL 2-((HYDROXYDIPHENYLACETYL)OXY)-N,N-DIMETHYLETHANAMINIUM CHLORIDE * ETHYL(2-HYDROXYETHYL)DIMETHYLAMMONIUM BENZILATE CHLORIDE * ETHYL(2-HYDROXYETHYL)DIMETHYLAMMONIUM CHLORIDE BENZILATE * LACHESIN * LACHESINE * LACHESINE CHLORIDE * LAXESIN

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1000 mg/kg 85ESAJ 9,700,76

* ipr-mus LD50:40 mg/kg 85ESAJ 9,700,76

* scu-mus LD50:160 mg/kg 85ESAJ 9,700,76

BQ5915000 AMMONIUM, (2-ETHYL-5-HYDROXYPHENYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE (ester)

UPDT:8312 MW: 364.26 MOLFM: C13-H21-N2-O2-I

SYN: (2-ETHYL 5-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) * METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINO 4-ETHYLPHENOL

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:400 ug/kg JCSOA9 ,184,*7

BQ5915010 AMMONIUM, (4-ETHYL-3-HYDROXYPHENYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE (ester)

UPDT:8312 MW: 364.26 MOLFM: C13-H21-N2-O2-I

SYN: (4-ETHYL 3-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) * METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINO-6-ETHYLPHENOL

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:750 ug/kg JCSOA9 -,182,47

BQ6050000 AMMONIUM, (ETHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE

UPDT:8305 MW: 666.48 MOLFM: C26-H40-N2-O2-2I

SYN: ((ETHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)

TOXICITY DATA AND REFERENCES:

1J30 ivn-mus LD70:450 ug/kg AIPTAK 93,46,53

AMMONIUM FERRIC CITRATE (DOT) see: GE7540000

AMMONIUM FERRIC OXALATE see: LI8932000

AMMONIUM FERRIOXALATE see: LI8932000

AMMONIUM FERROUS SULFATE see: WS5850000

AMMONIUM FLUOALUMINATE see: BD0050000

BQ6100000 AMMONIUM FLUOBORATE

UPDT:8308 CAS: 13826-83-0 MW: 87.86 MOLFM: B-F-H4-N

SYN: AMMONIUM BOROFLUORIDE * AMMONIUM FLUOBORATE (DOT) * AMMONIUM FLUOROBORATE AMMONIUM TETRAFLUOROBORATE * AMMONIUM TETRAFLUOROBORATE(1-) * BORATE(1-) TETRAFLUORO-, AMMONIUM * NA 9088 (DOT)

REVIEW AND REFERENCES:

★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74

★ DOT-HAZARD-ORM-B, LABEL:NONE CFRGBR 49,172,101,82

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

AMMONIUM FLUOBORATE (DOT) see: BQ6100000

BQ6300000 AMMONIUM FLUORIDE

UPDT:8312 CAS: 12125-01-8 MW: 37.05 MOLFM: H4-N-F

SYN: AMMONIUM FLUORIDE (DOT) * AMMONIUM FLUORURE (French) * NEUTRAL AMMONIUM FLUORIDE * UN 2505 (DOT)

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:32 mg/kg XEURAQ UR-154,1931

BEST COPY AVAILABLE

scu-frg LDLo:280 mg/kg — CRSBAW 124,133,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-B; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AMMONIUM FLUORIDE (DOT) see: BQ6300000
AMMONIUM FLUORIDE comp. with HYDROGEN FLUORIDE (1:1) see: BQ9200000
AMMONIUM FLUOROBORATE see: BQ6100000
AMMONIUM FLUORURE (French) see: BQ6300000
AMMONIUM FLUOSILICATE see: GQ9450000

BQ6825020 AMMONIUM, (p-FORMYLPHENYL)TRIMETHYL-, IODIDE
UPDT:8312 CAS: 7341-76-6 MW: 291.15 MOLFM: C10-H14-N-O-1
SYN: (p-FORMYLPHENYL)TRIMETHYLAMMONIUM IODIDE * 4-FORMYLPHENYLTRIMETHYLAMMONIUM IODIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:111 mg/kg — JCSOA9 -,182,47

AMMONIUM FULMINATE (DOT) see: LS9330000

BQ6896500 AMMONIUM, (3-FURYL)TRIMETHYL-, IODIDE
UPDT:8405 MW: 253.10 MOLFM: C7-H12-N-O-1
SYN: (3-FURYL)TRIMETHYLAMMONIUM IODIDE

TOXICITY DATA AND REFERENCES:
3D28F17F19 ivn-mus LDLo:100 mg/kg — JMCMAR 9,254,66

BQ6905000 AMMONIUM, GLUTARYLBIS(IMINOETHYLENE)BIS(TRIETHYL-, DIIODIDE
UPDT:8306 CAS: 62055-19-0 MW: 640.51 MOLFM: C21-H46-N4-O2-2I
SYN: ETHANAMINIUM, 2,2'-((1,5-DIOXO-1,5-PENTANEDIYL)DIIMINO)BIS(N,N,N-TRIETHYL-, DIIODIDE * GC 49 * GLUTARYLBIS(IMINOETHYLENE)BIS(TRIETHYLAMMONIUM IODIDE)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:55 mg/kg — APFRAD 34,369,76

BQ6906000 AMMONIUM, GLUTARYLBIS(IMINOETHYLENE)BIS(TRIMETHYL-, DIIODIDE
UPDT:8306 CAS: 62055-15-6 MW: 556.33 MOLFM: C15-H34-N4-O2-2I
SYN: ETHANAMINIUM, 2,2'-((1,5-DIOXO-1,5-PENTANEDIYL)DIIMINO)BIS(N,N,N-TRIMETHYL-, DIIODIDE * GC 44 * GLUTARYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) * TRIMETHYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIMETHYLAMMONIUM IODIDE)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:55 mg/kg — APFRAD 34,369,76

AMMONIUM HEXACHLOROPLATINATE(IV) see: BP5425000

BQ7875000 AMMONIUM, HEXADECYLTRIMETHYL-, BROMIDE
UPDT:8403 CAS: 57-09-0 MW: 364.53 MOLFM: C19-H42-N-Br
SYN: ACETOQUAT CTAB * BROMAT * CEE DEE * CENTIMIDE * CETAB * CETAROL * CETAVLON * CETRIMIDE * CETRIMIDE BP * CETRIMONIUM BROMIDE * CETYLAMINE * CETYLTRIMETHYLAMMONIUM BROMIDE * N-CETYLTRIMETHYLAMMONIUM BROMIDE * CIRRASOL OD * CTAB * CTMAB * CYCLOTON V * 1-HEXADECANAMINIUM, N,N,N-TRIMETHYL-, BROMIDE * HEXADECYLTRIMETHYLAMMONIUM BROMIDE * n-HEXADECYLTRIMETHYLAMMONIUM BROMIDE * N-HEXADECYL-N,N,N-TRIMETHYLAMMONIUM BROMIDE * (1-HEXADECYL)TRIMETHYLAMMONIUM BROMIDE * LISSOLAMINE * LISSOLAMINE A * LISSOLAMINE V * LISSOLAMIN V * MICOL * POLLACID * QUAMONIUM * SUTICIDE * TRIMETHYLCETYLAMMONIUM BROMIDE * N,N,N-TRIMETHYL-1-HEXADECANAMINIUM BROMIDE * TRIMETHYLHEXADECYLAMMONIUM BROMIDE

IRRITATION DATA AND REFERENCES:
skn-mus 50 mg/1H open — BJDEAZ 86,361,72
eye-rbt 450 mg SEV — AROPAW 40,668,48

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ipr-mus TDLo:10500 ug/kg (8D preg) — FCTXAV 13,331,75
1T25 ipr-mus TDLo:35 mg/kg (8D preg) — FCTXAV 13,331,75
1T43 ipr-mus TDLo:10500 ug/kg (10D preg) — FCTXAV 13,331,75
1T34 ipr-mus TDLo:35 mg/kg (12D preg) — FCTXAV 13,331,75

TOXICITY DATA AND REFERENCES:
3R12R20S15 skn-hmn TDLo:1000 ppm — BMJOAE 283,1297,81
orl-rat LD50:410 mg/kg — SDSTBT 5R,24,72
1J30 ivn-rat LD50:44 mg/kg — APTOA6 47,17,80
2F12J25 ipr-mus LD50:106 mg/kg — FCTXAV 13,331,75
1J30 ivn-mus LD50:32 mg/kg — APTOA6 47,17,80
ipr-rbt LD50:125 mg/kg — PCOC** -,210,66
scu-rbt LD50:125 mg/kg — PCOC** -,210,66
scu-gpg LD50:100 mg/kg — 28ZEAL 5,40,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AMMONIUM HEXAFLUOROALUMINATE see: BD0050000
AMMONIUM HEXAFLUOROFERRATE see: LJB240000
AMMONIUM HEXAFLUOROSILICATE see: GQ9450000
AMMONIUM HEXAFLUOROTITANATE see: XR1500000
AMMONIUM HEXAFLUOROVANADATE see: YW0750000

BQ8070000 AMMONIUM, HEXAMETHYLENEBIS((2-AMINOETHYL)DIMETHYL-, DIBROMIDE, DIESTER with DI-m-CRESYL PHOSPHORAMIDE
UPDT:8308 CAS: 35231-84-6 MW: 930.82 MOLFM: C42-H60-N4-O6-P2-2Br

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:3700 ug/kg — CHTPBA 6,380,71

BQ8075000 AMMONIUM, HEXAMETHYLENEBIS((2-AMINOETHYL)DIMETHYL-, DIBROMIDE, DIESTER with DI-o-CRESYL PHOSPHORAMIDE
UPDT:8308 CAS: 35231-83-5 MW: 930.82 MOLFM: C42-H60-N4-O6-P2-2Br

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:1000 ug/kg — CHTPBA 6,380,71

BQ8080000 AMMONIUM, HEXAMETHYLENEBIS((2-AMINOETHYL)DIMETHYL-, DIBROMIDE, DIESTER with DI-p-CRESYL PHOSPHORAMIDE
UPDT:8308 CAS: 35231-85-7 MW: 930.82 MOLFM: C42-H60-N4-O6-P2-2Br

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:4900 ug/kg — CHTPBA 6,380,71

BQ8095000 AMMONIUM, HEXAMETHYLENEBIS((2-BROMOETHYL)DIMETHYL-
UPDT:8402 MW: 388.30 MOLFM: C14-H32-Br2-N2
SYN: HEXAMETHYLENEBIS(2-BROMOETHYLDIMETHYLAMMONIUM)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg — USXXAM #4013507
* ipr-mus LD50:10 mg/kg — USXXAM #4013507

BQ8096000 AMMONIUM, HEXAMETHYLENEBIS((BROMOMETHYL)DIMETHYL-
UPDT:8402 MW: 360.24 MOLFM: C12-H28-Br2-N2
SYN: HEXAMETHYLENEBIS(BROMOMETHYLDIMETHYLAMMONIUM)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg — USXXAM #4013507
* ipr-mus LD50:10 mg/kg — USXXAM #4013507

BQ8109000 AMMONIUM, HEXAMETHYLENEBIS(CARBONYLMETHYLENE)BIS(DIMETHYL(2-HYDROXYETHYL)-, DICHLORIDE
UPDT:8309 MW: 417.48 MOLFM: C18-H38-N2-O4-2Cl
SYN: 1,10-BIS(DIMETHYL beta-HYDROXYETHYLAMMONIUM)-n-DECAN-2,9-DIONE DICHLORIDE * HEXAMETHYLENEBIS(CARBONYLMETHYLENE)BIS(DIMETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE) * P.16-A

TOXICITY DATA AND REFERENCES:
3C08H02J30 ipr-mus LD50:500 ug/kg — JPMSAE 51,27,62

BQ8110000 AMMONIUM, HEXAMETHYLENEBIS(CARBONYLMETHYLENE)BIS(TRIMETHYL-, DICHLORIDE
UPDT:8309 MW: 357.42 MOLFM: C16-H34-N2-O2-2Cl
SYN: HEXAMETHYLENEBIS(CARBONYLMETHYLENE)BIS(TRIMETHYLAMMONIUM CHLORIDE) * P.16-C

TOXICITY DATA AND REFERENCES:
3C08H02J30 ipr-mus LD50:6500 mg/kg — JPMSAE 51,27,62

BQ8174000 AMMONIUM, HEXAMETHYLENEBIS((2-ETHYLAMINOETHYL)DIMETHYL-, DIBROMIDE, DIESTER with DI-o- CRESYLPHOSPHORAMIDE
UPDT:8308 CAS: 35231-86-8 MW: 994.94 MOLFM: C46-H68-N4-O6-P2-2Br

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:5400 ug/kg — CHTPBA 6,380,71

BQ8326500 AMMONIUM, HEXAMETHYLENEBIS(METHYLDI-2-PYRIDYL-, DIIODIDE
UPDT:8308 MW: 708.48 MOLFM: C28-H34-N6-2I
SYN: HEXAMETHYLENEBIS(METHYLDI-2-PYRIDYLAMMONIUM IODIDE)

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:800 ug/kg — ANTCAO 7,549,57
* ivn-rbt LD50:300 ug/kg — ANTCAO 7,549,57

BQ8343000 AMMONIUM, HEXAMETHYLENEBIS(1-METHYL-3-(2,2,6-TRIMETHYLCYCLOHEXYL)PROPYL)BIS(DIMETHYL-, DICHLORIDE
UPDT:8308 CAS: 79-90-3 MW: 606.02 MOLFM: C36-H74-N2-2Cl
SYN: RO 5-0810.1 * TRIBURON * TRIBURON CHLORIDE * TRICLOBISONIUM CHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:375 mg/kg — ANTCAO 9,267,59
* ipr-mus LD50:35 mg/kg — ANTCAO 9,267,59
scu-mus LD50:154 mg/kg — JMCMAR 6,780,63
* ivn-mus LD50:12500 ug/kg — ANTCAO 9,267,59
* ivn-dog LDLo:8 mg/kg — ANTCAO 9,267,59

BQ8575000 AMMONIUM, HEXAMETHYLENEBIS(TRIMETHYL-, DIBROMIDE
UPDT:8305 CAS: 55-97-0 MW: 362.26 MOLFM: C12-H30-N2-2Br
SYN: alpha,omega-BIS(TRIMETHYL AMMONIUM)HEXANE DIBROMIDE * C 6 * ESAMETINA * GANGLIOSTAT * HB * HEXAMETHIONIUM BROMIDE * HEXAMETHONIUM BROMIDE * HEXAMETHONIUM DIBROMIDE * HEXAMETHYLENEBIS(TRIMETHYLAMMONIUM) BROMIDE * HEXAMETON * 1,6-HEXANEDIAMINIUM, N,N,N,N',N',N'-HEXAMETHYL- DIBROMIDE (9CI) * HEXONIUM DIBROMIDE * SIMPATOBLOCK * VEGOLYSEN * VEGOLYSIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T50T77 scu-wmn TDLo:46 mg/kg (31-34W preg) — ADCHAK 29,354,54

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:838 mg/kg — NIIRDN 6,356,82
2F19J30 ipr-mus LD50:86 mg/kg — CPBTAL 23,1639,75
* scu-mus LD50:114 mg/kg — NIIRDN 6,356,82
2F19J30 ivn-mus LD50:26300 ug/kg — CPBTAL 23,1639,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BQ8650000 AMMONIUM, HEXAMETHYLENEBIS(TRIMETHYL-, DICHLORIDE
UPDT:8406 CAS: 80-25-3 MW: 273.34 MOLFM: C12-H30-N2-2Cl
SYN: alpha,omega-BIS(TRIMETHYLAMMONIUM)HEXANE DICHLORIDE * BISTRIUM CHLORIDE * CHLOOR HEXAVIET * DEPRESSIN * ESOMID CHLORIDE * HESTRIUM CHLORIDE * HEXAMETHIONIUM CHLORIDE * HEXAMETHONIUM CHLORIDE * HEXAMETHONIUM DICHLORIDE * HEXAMETHYLENE(BISTRIMETHYLAMMONIUM)CHLORIDE * HEXAMETON CHLORIDE * 1,6-HEXANEDIAMINIUM, N,N,N,N',N',N'-HEXAMETHYL- DICHLORIDE (9CI) * HEXON CHLORIDE * HEXONE CHLORIDE * HIOHEX CHLORIDE * METHIUM CHLORIDE * METON

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:100 mg/kg — JAPMA8 46,346,57
1E15 ipr-mus LD50:62 mg/kg — AIPTAK 155,69,65
2F12J30 ivn-mus LD50:26700 ug/kg — AIPTAK 127,1,60
1J25 ivn-dog LD50:35 mg/kg — JAPMA8 46,346,57

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AMMONIUM HYDROFLUORIDE see: BQ9200000
AMMONIUM HYDROGEN BIFLURIDE see: BQ9200000
AMMONIUM HYDROGEN CARBONATE see: BQ8600000
AMMONIUM HYDROGEN DIFLURIDE see: BQ9200000

BQ9200000 AMMONIUM HYDROGEN FLUORIDE
UPDT:8308 CAS: 1341-49-7 MW: 57.06 MOLFM: F2-H5-N
SYN: ACID AMMONIUM FLUORIDE * AMMONIUM BIFLUORIDE * AMMONIUM BIFLUORIDE, solid (DOT) * AMMONIUM DIFLUORIDE * AMMONIUM BIFLUORIDE, solution (DOT) * AMMONIUM FLUORIDE comp. with HYDROGEN FLUORIDE (1:1) * AMMONIUM HYDROFLUORIDE * AMMONIUM HYDROGEN FLUORIDE, SOLID (DOT) * AMMONIUM HYDROGEN FLUORIDE SOLUTION (DOT) * AMMONIUM HYDROGEN BIFLURIDE * AMMONIUM HYDROGEN DIFLUORIDE * UN 1727 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AMMONIUM HYDROGEN FLUORIDE, SOLID (DOT) see: BQ9200000
AMMONIUM HYDROGEN FLUORIDE SOLUTION (DOT) see: BQ9200000
AMMONIUM HYDROGEN SULFATE (DOT) see: BS4500000
AMMONIUM HYDROGEN SULFIDE see: BS4900000
AMMONIUM HYDROSULFIDE see: BS4900000
AMMONIUM HYDROSULFIDE SOLUTION (DOT) see: BS4900000
AMMONIUM HYDROSULFITE see: WT3595000

BQ9625000 AMMONIUM HYDROXIDE
UPDT:8308 CAS: 1336-21-6 MW: 35.06 MOLFM: H4-N-H-O
SYN: AMMONIA AQUEOUS * AMMONIA SOLUTION (DOT) * AMMONIUM HYDROXIDE (DOT) * AQUA AMMONIA * AQUA AMMONIA, solution (DOT) * NA 2672 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 750 ug SEV — AJOPAA 29,1363,46
eye-rbt 44 ug SEV — AROPAW 25,839,41

MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate — ANYAA9 76,475,58
mmo-esc 10 uL/disc — ANYAA9 76,475,58

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:43 mg/kg — 34ZIAG -,95,69
ihl-hmn LCLo:5000 ppm — 34ZIAG -,95,69
2J12J15 ihl-hmn TCLo:408 ppm — JISMAB 61,271,71
orl-rat LD50:350 mg/kg — JIHTAB 23,259,41
orl-cat LDLo:750 mg/kg — HBAMAK 4,1289,35
ivn-rbt LDLo:10 mg/kg — HBAMAK 4,1289,35

STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.101,82
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO AMMONIA recm std-air:Cl 50 ppm — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

AMMONIUM HYDROXIDE (DOT) see: BQ9625000

BR0318000 AMMONIUM, (4-HYDROXY-2-BUTYNYL)TRIMETHYL-, CHLORIDE, m-CHLOROCARBANILATE
UPDT 8408 CAS: 55-65-8 MW: 317.24 MOLFM: C14 H18 Cl N2 O2 Cl
SYN: A 343 * BUTYL 1-AMINIUM, 4-(((3-CHLOROPHENYL)AMINO)CARBONYL)OXY)-N,N,N-TRIMETHYL-, CHLORIDE * CARBANILIC ACID, m-CHLORO-, ESTER with (4-HYDROXY-2-BUTYNYL)TRIMETHYLAMMONIUM CHLORIDE * (4-(m-CHLOROPHENYLCARBAMOYLOXY)-2-BUTYNYL)TRIMETHYLAMMONIUM CHLORIDE * MCN A-343 * MCN-A-343 CHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:3450 mg/kg TXAPA9 13,307.68

BR0785000 AMMONIUM, (2-HYDROXY-3-CHLOROPROPYL)OCTADECYLDIMETHYL-, CHLORIDE
UPDT 8307 CAS: 3001-63-6 MW: 426.63 MOLFM: C23 H49 Cl N O Cl
SYN: N,N-DIMETHYL-n-OCTADECYL(2-HYDROXY-3-CHLOROPROPYL) AMMONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2590 mg/kg TXAPA9 28,313.74

BR0990000 AMMONIUM, (2-HYDROXYETHYL)DIMETHYL(1-METHYL-2-PHENOTHIAZIN-10-YLETHYL)-, CHLORIDE
UPDT 8305 CAS: 2090-54-2 MW: 364.97 MOLFM: C19 H25 N2 O S Cl
SYN: APROBIT * APROBIT-R * (2-HYDROXYETHYL)DIMETHYL(1-METHYL-2-PHENOTHIAZIN-10-YLETHYL)AMMONIUM CHLORIDE * LERGOBIT * 10H-PHENOTHIAZINE-10-ETHANAMINIUM, N-(2-HYDROXYETHYL)-N,N-alpha-TRIMETHYL-, CHLORIDE (9CI) * 1-(10-PHENOTHIAZINYLMETHYL)ETHYL-2-HYDROXYETHYLDIMETHYLAMMONIUM CHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ipr-rat TDLo:35 mg/kg (10-16D preg) JPHYA7 164,138.62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BR1208500 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, BROMIDE, BUTYLCARBAMATE
UPDT 8306 MW: 325.35 MOLFM: C13 H29 N2 O2 Br
SYN: 1310 HC * (2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE BUTYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:38 mg/kg COREAF 251,3119.60

BR1209000 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, BROMIDE, CARBANILATE
UPDT 8306 MW: 345.33 MOLFM: C15 H25 N2 O2 Br
SYN: 1313 HC * (2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE CARBANILATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg COREAF 251,3119.60

BR1209300 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, BROMIDE, CYCLOHEXANECARBAMATE
UPDT 8306 MW: 351.39 MOLFM: C15 H31 N2 O2 Br
SYN: 1325 HC * (2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE CYCLOHEXANECARBAMATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:34 mg/kg COREAF 251,3119.60

BR1209800 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, BROMIDE, DIBUTYLCARBAMATE
UPDT 8306 MW: 381.47 MOLFM: C17 H37 N2 O2 Br
SYN: 1317 HC * (2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE DIBUTYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:8 mg/kg COREAF 251,3119.60

BR1209900 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, BROMIDE, DICYCLOHEXYLCARBAMATE
UPDT 8306 MW: 433.55 MOLFM: C21 H41 N2 O2 Br
SYN: 1326 HC * (2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE DICYCLOHEXYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2200 ug/kg COREAF 251,3119.60

BR1210000 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, BROMIDE, DICYCLOPENTYLACETATE
UPDT 8412 CAS: 2001-81-2 MW: 404.50 MOLFM: C20 H38 N O2 Br
SYN: ACETIC ACID, DICYCLOPENTYL-, DIETHYLAMINOETHYL ESTER, ETHYLBROMIDE * AETHOBROMID (des alpha,alpha-DICYCLOPENTYLESSIGSAEURE-beta-DIAETHYLAMINOAETHYLESTER (German) * AMMONIUM, TRIETHYL(2-HYDROXYETHYL)-, BROMIDE, DICYCLOPENTYLACETATE (8CI) * DICYCLOPENTYLACETIC ACID, beta-DIETHYLAMINOETHYL ESTER, ETHOBROMIDE * (2-((DICYCLOPENTYLACETOXY)ETHYL)TRIETHYLAMMONIUM, BROMIDE * 2-((DICYCLOPENTYLACETYL)OXY)-N,N,N-TRIETHYL ETHANAMINIUM, BROMIDE (9CI) * DIETHYLAMINOETHYL alpha,alpha-DICYCLOPENTYLACETATE ETHOBROMIDE * DIPENINBROMID (German) * DIPENINE BROMIDE * DIPONIUM BROMIDE * ETHANAMINIUM, 2-((DICYCLOPENTYLACETYL)OXY)-N,N,N-TRIETHYL-, BROMIDE * HL 267 * So 267 * SPASTON * TRIETHYL(2-HYDROXYETHYL)-AMMONIUM BROMIDE DICYCLOPENTYLACETATE * UNOSPASTON
TOXICITY DATA AND REFERENCES:
orl-rat LD50:780 mg/kg ARZNAD 15,878.65
* ipr-rat LD50:84400 ug/kg OYYAA2 2,70.68
* scu-rat LD50:299 mg/kg OYYAA2 2,70.68
ivn-rat LD50:6600 ug/kg ARZNAD 15,878.65
* orl-mus LD50:570 mg/kg NIIRDN 6,350.82
ipr-mus LD50:88 mg/kg ARZNAD 10,911.60
* scu-mus LD50:80 mg/kg NIIRDN 6,350.82
* ivn-mus LD50:6200 ug/kg NIIRDN 6,350.82

BR1212000 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, BROMIDE, DIETHYLCARBAMATE
UPDT 8306 MW: 325.35 MOLFM: C13 H29 N2 O2 Br
SYN: 1316 HC * (2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE DIETHYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:26 mg/kg COREAF 251,3119.60

BR1214000 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, BROMIDE, DIPHENETHYLCARBAMATE
UPDT 8306 MW: 477.55 MOLFM: C25 H37 N2 O2 Br
SYN: 1320 HC * (2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE DIPHENETHYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:6500 ug/kg COREAF 251,3119.60

BR1214800 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, BROMIDE, DIPHENYLCARBAMATE
UPDT 8306 MW: 407.42 MOLFM: C21 H29 N2 O2 Br
SYN: 1319 HC * (2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE DIPHENYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:9500 ug/kg COREAF 251,3119.60

BR1215100 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, BROMIDE, DODECYLCARBAMATE
UPDT 8306 MW: 437.59 MOLFM: C21 H45 N2 O2 Br
SYN: 1324 HC * (2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE DODECYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:22 mg/kg COREAF 251,3119.60

BR1215500 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, BROMIDE, OCTYLCARBAMATE
UPDT 8306 MW: 381.47 MOLFM: C17 H37 N2 O2 Br
SYN: 1312 HC * (2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE OCTYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:6800 ug/kg COREAF 251,3119.60

BR1215600 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, BROMIDE, PHENETHYLCARBAMATE
UPDT 8306 MW: 373.39 MOLFM: C17 H29 N2 O2 Br
SYN: 1315 HC * (2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE PHENETHYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg COREAF 251,3119.60

BR1215800 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, CHLORIDE, p-BUTOXYCARBANILATE
UPDT 8406 MW: 372.99 MOLFM: C19 H33 N2 O3 Cl
SYN: (2-HYDROXYETHYL)TRIETHYLAMMONIUM CHLORIDE p-BUTOXYCARBANILATE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:110 mg/kg JAPMA8 48,396.59

BR1215900 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, CHLORIDE, 2-NAPHTHALENECARBAMATE
UPDT 8406 MW: 350.93 MOLFM: C19 H27 N2 O2 Cl
SYN: (2-HYDROXYETHYL)TRIETHYLAMMONIUM CHLORIDE 2-NAPHTHALENECARBAMATE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:110 mg/kg JAPMA8 48,396.59

BR1218100 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, IODIDE, BENZOATE (ester)
UPDT 8309 MW: 377.30 MOLFM: C15 H24 N O2 I
SYN: (2-HYDROXYETHYL)TRIETHYLAMMONIUM IODIDE BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:200 mg/kg JACSAT 81,203.59

BR1219000 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, IODIDE, p-BUTOXYCARBANILATE
UPDT 8407 MW: 464.44 MOLFM: C19 H33 N2 O3 I
SYN: (2-HYDROXYETHYL)TRIETHYLAMMONIUM IODIDE p-BUTOXYCARBANILATE * S 75
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:150 mg/kg JAPMA8 48,396.59

BR1219200 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, IODIDE, CARBANILATE
UPDT 8407 MW: 392.32 MOLFM: C15 H25 N2 O2 I
SYN: (2-HYDROXYETHYL)TRIETHYLAMMONIUM IODIDE CARBANILATE * S 73
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:300 mg/kg AIPTAK 124,336.60

BR1219400 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, IODIDE, DIPHENYLCARBAMATE
UPDT 8407 MW: 468.42 MOLFM: C21 H29 N2 O2 I
SYN: (2-HYDROXYETHYL)TRIETHYLAMMONIUM IODIDE DIPHENYLCARBAMATE * S 76
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:175 mg/kg AIPTAK 124,336.60

BR1220300 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, IODIDE, HEXAMETHYLENEDICARBAMATE (2:1)
UPDT 8306 MW: 714.60 MOLFM: C24 H52 N4 O4 2I
SYN: (2-HYDROXYETHYL)TRIETHYLAMMONIUM IODIDE HEXAMETHYLENEDICARBAMATE (2:1)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2200 ug/kg AIPTAK 98,161.54

BR1220600 AMMONIUM, (2-HYDROXYETHYL)TRIETHYL-, IODIDE, 2-NAPHTHALENECARBMATE
UPDT 8406 MW: 442.38 MOLFM: C19 H27 N2 O2 I
SYN: (2-HYDROXYETHYL)TRIETHYLAMMONIUM IODIDE 2-NAPHTHALENECARBAMATE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:76 mg/kg JAPMA8 48,396.59

BR1223000 AMMONIUM, (2-HYDROXYETHYL)TRIMETHYL-, BROMIDE, ESTER with BIS(2-(1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURIN-7-YL)ETHYL) PHOSPHATE
UPDT 8306 MW: 660.55 MOLFM: C23 H35 N9 O7 P Br
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:97 mg/kg APFRAD 36,341.78

AMMONIUM, (2-HYDROXYETHYL)TRIMETHYL-, CHLORIDE see: KH2975000

BR1270000 AMMONIUM, (2-HYDROXYETHYL)TRIMETHYL-, IODIDE, p-BROMOMETHYLBENZOATE
UPDT 8308 MW: 428.14 MOLFM: C13 H19 Br N O2 I
SYN: p-BROMOMETHYLBENZOYL CHOLINE IODIDE * (2-HYDROXYETHYL)TRIMETHYLAMMONIUM IODIDE p-BROMOMETHYLBENZOATE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 21 mg/L ABBIA4 165,297.74

AMMONIUM, (2-HYDROXYETHYL)TRIMETHYL-, IODIDE, PHTHALATE (2:1) see: GA4880000

BR1349000 AMMONIUM, (3-HYDROXY-4-ISOPROPYLPHENYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE (ester)
UPDT 8312 MW: 378.29 MOLFM: C14 H23 N2 O2 I
SYN: (3-HYDROXY-4-ISOPROPYLPHENYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) * METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINO-6-ISOPROPYLPHENOL
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:125 mg/kg JCSOA9 -,182.47

BR1351200 AMMONIUM, (2-HYDROXY-5-ISOPROPYL-m-TOLYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE (ester)
UPDT 8312 MW: 392.32 MOLFM: C15 H25 N2 O2 I
SYN: (2-HYDROXY-5-ISOPROPYL-m-TOLYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) * METHIODIDE of N-METHYLURETHANE of 6-DIMETHYLAMINO-4-ISOPROPYL-o-CRESOL
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:100 ug/kg JCSOA9 -,182.47

BR1574000 AMMONIUM, (beta-HYDROXYPHENETHYL)TRIETHYL-, BROMIDE, BENZOATE (ester)
UPDT 8309 MW: 326.50 MOLFM: C21 H28 N O2
SYN: (beta-HYDROXYPHENETHYL)TRIETHYLAMMONIUM BROMIDE BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
2C17F02 scu-mus LDLo:75 mg/kg JACSAT 81,203.59

BR1574200 AMMONIUM, (p-HYDROXYPHENETHYL)TRIETHYL-, IODIDE, PHENOXYACETATE (ester)
UPDT 8309 MW: 483.43 MOLFM: C22 H30 N O3 I
SYN: (p-HYDROXYPHENETHYL)TRIETHYLAMMONIUM IODIDE PHENOXYACETATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:350 mg/kg JACSAT 81,203.59

BR1574400 AMMONIUM, (beta-HYDROXYPHENETHYL)TRIETHYL-, IODIDE, 3,4,5-TRIMETHOXYBENZOATE (ester)
UPDT 8309 MW: 543.49 MOLFM: C24 H34 N O5 I
SYN: (beta-HYDROXYPHENETHYL)TRIETHYLAMMONIUM IODIDE 3,4,5-TRIMETHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
2C17F02 scu-mus LDLo:75 mg/kg JACSAT 81,203.59

BR1578010 AMMONIUM, (beta-HYDROXYPHENETHYL)TRIMETHYL-, IODIDE, BENZOATE (ester)
UPDT 8309 MW: 411.31 MOLFM: C18 H22 N O2 I
SYN: (beta-HYDROXYPHENETHYL)TRIMETHYLAMMONIUM IODIDE BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1F02 scu-mus LDLo:250 mg/kg JACSAT 81,203.59

BR1740000 AMMONIUM, (4-HYDROXYPHENYL)(2-(DIETHYLAMINO)ETHYL)DIMETHYL-, IODIDE, METHYLCARBAMATE (ester)
UPDT 8312 MW: 407.36 MOLFM: C16 H28 N2 O2 I
SYN: (4-HYDROXYPHENYL)(2-(DIETHYLAMINO)ETHYL)DIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) * METHIODIDE of N-METHYLURETHANE of N-METHYL-N-beta-DIETHYLAMINOETHYL-4-AMINOPHENOL
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:100 mg/kg JCSOA9 -,182.47

BR1750000 AMMONIUM, (3-HYDROXYPHENYL)DIETHYLMETHYL-, BROMIDE
UPDT 8310 CAS: 27068-06-0 MW: 260.21 MOLFM: C11 H18 N O Br
SYN: (3-HYDROXYPHENYL)DIETHYLMETHYLAMMONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:690 mg/kg JPETAB 100,83.50

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

ipr-mus LD50:26 mg/kg JPETAB 100,83,50
scu-mus LD50:61 mg/kg JPETAB 100,83,50
ivn-mus LD50:10 mg/kg JPETAB 100,83,50
ivn-dog LD50:20 mg/kg JPETAB 100,83,50
ivn-rbt LD50:27 mg/kg JPETAB 100,83,50

BR1840000 AMMONIUM, (m-HYDROXYPHENYL)DIETHYLMETHYL-, IODIDE, METHYLCARBAMATE
UPDT 8312 CAS: 60398-27-3 MW: 364.26 MOLFM: C13-H21-N2-O2 I
SYN: AMMONIUM, (3-[N-METHYLCARBAMOYLOXY]PHENYL)DIETHYLMETHYL-, IODIDE * CARBAMIC ACID, N-METHYL-, 3-(DIETHYLMETHYLAMMONIO)PHENYL ESTER, IODIDE * METHIODIDE of N-METHYLURETHANE of 3-DIETHYLAMINOPHENOL * METHYLCARBAMIC ESTER of OXYPHENYLMETHYLDIETHYLAMMONIUM IODIDE * TL 1217

TOXICITY DATA AND REFERENCES:
scu-rat LD50:400 ug/kg NTIS** PB158-508
orl-mus LDLo:20 mg/kg JPETAB 43,413,31
scu-mus LD50:122 ug/kg NTIS** PB158-508
ivn-mus LDLo:100 ug/kg JPETAB 43,413,31
scu-dog LD50:75 ug/kg NTIS** PB158-508
scu-mky LD50:200 ug/kg NTIS** PB158-508
scu-cat LD50:75 ug/kg NTIS** PB158-508
scu-rbt LD50:150 ug/kg NTIS** PB158-508
scu-gpg LD50:97 ug/kg NTIS** PB158-508

BR2030000 AMMONIUM, (m-HYDROXYPHENYL)DIMETHYLETHYL-, IODIDE, METHYLCARBAMATE
UPDT 8312 CAS: 63981-97-5 MW: 350.23 MOLFM: C12-H19-N2-O2 I
SYN: AMMONIUM, (3-[N-METHYLCARBAMOYLOXY]PHENYL)DIMETHYLETHYL-, IODIDE * BENZENAMINIUM, N-ETHYL-N,N-DIMETHYL-3-(METHYLAMINO)CARBONYLOXY-, IODIDE * CARBAMIC ACID, N-METHYL-, 3-DIMETHYLAMINOPHENYL ESTER, ETHIODIDE * ETHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINOPHENOL * T 1194 * TL 1373

TOXICITY DATA AND REFERENCES:
scu-mus LD50:135 ug/kg NTIS** PB158-508
scu-rbt LD50:130 ug/kg NTIS** PB158-508

BR2149500 AMMONIUM, (HYDROXY-p-PHENYLENE)BIS(TRIMETHYL-, DIIODIDE, METHYLCARBAMATE
UPDT 8312 MW: 521.22 MOLFM: C14-H25-N3-O2 2I
SYN: DIMETHIODIDE of N-METHYLURETHANE of 2,5-TETRAMETHYLDIAMINOPHENOL * (HYDROXY-p-PHENYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) METHYLCARBAMATE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 mg/kg JCSOA9 -,182,47

BR2159500 AMMONIUM, (4-HYDROXY-m-PHENYLENE)BIS(TRIMETHYL-, DIIODIDE, METHYLCARBAMATE
UPDT 8312 MW: 521.22 MOLFM: C14-H25-N3-O2 2I
SYN: DIMETHIODIDE of N-METHYLURETHANE of 2,4-TETRAMETHYLDIAMINOPHENOL * (4-HYDROXY-m-PHENYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) METHYLCARBAMATE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:7 mg/kg JCSOA9 -,182,47

BR3150000 AMMONIUM, (m-HYDROXYPHENYL)TRIMETHYL-, BROMIDE, DIMETHYLCARBAMATE
UPDT 8408 CAS: 114-80-7 MW: 303.24 MOLFM: C12-H19-N2-O2 Br
SYN: BENZENAMINIUM, 3-[[(DIMETHYLAMINO)CARBONYL]OXY]-N,N,N-TRIMETHYL-, BROMIDE (9CI) * CARBAMIC ACID, DIMETHYL-, ester with (m-HYDROXYPHENYL)TRIMETHYLAMMONIUM BROMIDE * 3-DIMETHYLCARBAMOXYPHENYL TRIMETHYL AMMONIUM BROMIDE * PROSERINE * EUSTIGMIN BROMIDE * (m-HYDROXYPHENYL)TRIMETHYLAMMONIUM BROMIDE DIMETHYLCARBAMATE * 3-HYDROXYPHENYLTRIMETHYLAMMONIUM BROMIDE DIMETHYLCARBAMIC ESTER * KIRKSTIGMINE BROMIDE * SYNTOSTIGMIN (TABLET) * LEOSTIGMINE BROMIDE * NEOESERINE BROMIDE * NEOSERINE BROMIDE * NEOSTIGMINE BROMIDE * NEOSTIGMINE METHYL BROMIDE * PHILOSTIGMIN BROMIDE * PROSERINE BROMIDE * PROSTIGMIN BROMIDE * PROSTIGMINE BROMIDE * RCRA WASTE NUMBER U053 * STIGMANOL BROMIDE * STIGMOSAN BROMIDE * SYNSTIGMIN BROMIDE * SYNTHOSTIGMINE BROMIDE * SYNTOSTIGMIN BROMIDE * SYNTOSTIGMINE BROMIDE * VAGOSTIGMINE BROMIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:51 mg/kg PSEBAA 120,511,65
3D18K12Y01 scu-rat LD50:370 ug/kg JAPMA8 39,701,50
3D18K12Y01 ivn-rat LD50:165 ug/kg JAPMA8 39,701,50
orl-mus LD50:7 mg/kg PSEBAA 120,511,65
ipr-mus LD50:94 mg/kg JPPMAB 30,332,78
scu-mus LD50:420 ug/kg JPETAB 99,16,50
* ivn-mus LD50:130 ug/kg PCJOAU 16,164,82
1Y01 unk-mus LD50:380 ug/kg PCJOAU 3,508,69
* orl-cat LD50:7449 ug/kg NIIRDN 6,352,82
* ivn-cat LD50:171 ug/kg NIIRDN 6,352,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BR3200000 AMMONIUM, (m-HYDROXYPHENYL)TRIMETHYL-, CHLORIDE, METHYLCARBAMATE
UPDT 8312 CAS: 64051-06-5 MW: 244.75 MOLFM: C11-H17-N2-O2 Cl
SYN: AMMONIUM, (3-[METHYLCARBAMOYLOXY]PHENYL)TRIMETHYL-, CHLORIDE * CARBAMIC ACID, N-METHYL-, 3-DIMETHYLAMINOPHENYL ESTER, METHOCHLORIDE * CARBAMIC ACID, METHYL-, m-(TRIMETHYLAMMONIO)PHENYL ESTER, CHLORIDE * METHOCHLORIDE of N-METHYLURETHANE of 3-DIMETHYLAMINOPHENOL * T 1690 * TL 1226

TOXICITY DATA AND REFERENCES:
scu-mus LD50:140 ug/kg NTIS** PB158-508
ivn-mus LD50:70 ug/kg NTIS** PB158-508

BR3260000 AMMONIUM, (m-HYDROXYPHENYL)TRIMETHYL-, DIIODIDE, OCTAMETHYLENEDICARBAMATE
UPDT 8306 MW: 754.56 MOLFM: C28-H44-N4-O4 2I
SYN: BC 18 * (m-HYDROXYPHENYL)TRIMETHYLAMMONIUM DIIODIDE OCTAMETHYLENEDICARBAMATE * OCTAMETHYLEN-BISCARBAMINOYL m-TRIMETHYLAMMONIUMPHENOL-DIJODID (German)

TOXICITY DATA AND REFERENCES:
3C08D18J02 ivn-rat LD50:25 ug/kg AIPTAK 101,205,55

BR3300000 AMMONIUM, (m-HYDROXYPHENYL)TRIMETHYL-, DIMETHYLCARBAMATE (ester)
UPDT 8402 CAS: 59-99-4 MW: 223.33 MOLFM: C12-H19-N2-O2
SYN: BENZENAMINIUM, 3-[[(DIMETHYLAMINO)CARBONYL]OXY]-N,N,N-TRIMETHYL- (9CI) * EUSTIGMIN * EUSTIGMINE * (m-HYDROXYPHENYL)TRIMETHYLAMMONIUM DIMETHYLCARBAMATE (ester) * NEOSTIGMINE * PROSTIGMIN * PROSTIGMINE * VAGOSTIGMINE

TOXICITY DATA AND REFERENCES:
3C08D18J02 ivn-rat LD50:225 ug/kg AIPTAK 101,205,55
1Y01 orl-mus LD50:35800 ug/kg DCTODJ 3,319,80
1U26 ipr-mus LD50:380 ug/kg AIPTAK 192,88,71
scu-mus LD50:450 ug/kg JACSAT 63,308,41
* ivn-mus LD50:315 mg/kg APFRAD 18,888,60
3F23K01K09 scu-dog LDLo:769 ug/kg FEPRA7 5,184,46
1Y01 ims-rbt LD50:340 ug/kg DCTODJ 3,319,80

BR3500000 AMMONIUM, (m-HYDROXYPHENYL)TRIMETHYL-, IODIDE
UPDT 8312 CAS: 2498-27-3 MW: 279.14 MOLFM: C9-H14-N-O I
SYN: BENZENAMINIUM, 3-HYDROXY-N,N,N-TRIMETHYL-, IODIDE (9CI) * m-[DIMETHYLAMINO]PHENOL METHIODIDE * (m-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE * 3-OXYPHENYL TRIMETHYLAMMONIUM IODIDE * TMPH * 3-(TRIMETHYLAMMONIO)PHENOL IODIDE

TOXICITY DATA AND REFERENCES:
orl-mus LDLo:200 mg/kg JPETAB 43,413,31
* ipr-mus LD50:65 mg/kg PCJOAU 10,327,76
ivn-mus LDLo:25 mg/kg JPETAB 43,413,31

BR3700000 AMMONIUM, (m-HYDROXYPHENYL)TRIMETHYL-, IODIDE, BENZYLCARBAMATE
UPDT 8312 CAS: 64051-08-7 MW: 412.30 MOLFM: C17-H21-N2-O2 I
SYN: AMMONIUM, (3-[BENZYLCARBAMOYLOXY]PHENYL)TRIMETHYL-, IODIDE * CARBAMIC ACID, N-BENZYL-, 3-DIMETHYLAMINOPHENYL ESTER, METHIODIDE * CARBAMIC ACID, BENZYL-, m-(TRIMETHYLAMMONIO)PHENYL ESTER, IODIDE * METHIODIDE of N-BENZYLURETHANE of 3-DIMETHYLAMINOPHENOL * T 1125

TOXICITY DATA AND REFERENCES:
scu-mus LD50:330 ug/kg NTIS** PB158-508
scu-rbt LD50:200 ug/kg NTIS** PB158-508

BR4080000 AMMONIUM, (m-HYDROXYPHENYL)TRIMETHYL-, IODIDE, (p-METHOXYBENZYL)CARBAMATE
UPDT 8312 MW: 442.33 MOLFM: C18-H23-N2-O3 I
SYN: (m-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE ester with (p-METHOXYBENZYL)CARBAMIC ACID * METHIODIDE of N-4-METHOXYBENZYLURETHANE of 3-DIMETHYLAMINOPHENOL

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:240 mg/kg JCSOA9 -,182,47

BR4200000 AMMONIUM, (m-HYDROXYPHENYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE
UPDT 8312 CAS: 3983-39-9 MW: 336.20 MOLFM: C11-H17-N2-O2 I
SYN: AMMONIUM, (3-[CARBAMOYLOXY]PHENYL)TRIMETHYL-, IODIDE * AMMONIUM, (3-[METHYLCARBAMOYLOXY]PHENYL)TRIMETHYL-, IODIDE * CARBAMIC ACID, 3-DIMETHYLAMINOPHENYL ESTER, METHIODIDE * CARBAMIC ACID, N-METHYL-, 3-DIMETHYLAMINOPHENYL ESTER, METHIODIDE * CARBAMIC ACID, METHYL-, m-(TRIMETHYLAMMONIO)PHENYL ESTER, IODIDE * CARBAMIC ACID, (3-TRIMETHYLAMMONIOPHENYL) ESTER, IODIDE * METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINOPHENOL * T 1122

TOXICITY DATA AND REFERENCES:
scu-rat LDLo:1 mg/kg NDRC** No.9-4-1-19,44
* scu-mus LD50:440 ug/kg JCSOA9 -,182,47
ivn-mus LD50:115 ug/kg NTIS** PB158-508
scu-dog LDLo:1 mg/kg NDRC** No.9-4-1-19,44
scu-cat LDLo:500 ug/kg NDRC** No.9-4-1-19,44
scu-rbt LD50:260 ug/kg NTIS** PB158-508
scu-gpg LDLo:250 ug/kg NDRC** No.9-4-1-19,44

BR4375000 AMMONIUM, (o-HYDROXYPHENYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE
UPDT 8312 CAS: 3983-38-8 MW: 336.20 MOLFM: C11-H17-N2-O2 I
SYN: AMMONIUM, (2-[N-METHYLCARBAMOYLOXY]PHENYL)TRIMETHYL-, IODIDE * CARBAMIC ACID, N-METHYL-, 2-DIMETHYLAMINOPHENYL ESTER METHIODIDE * CARBAMIC ACID, METHYL-, (2-[TRIMETHYLAMMONIO]PHENYL) ESTER, IODIDE * METHIODIDE of N-METHYLURETHANE of 2-DIMETHYLAMINOPHENOL

TOXICITY DATA AND REFERENCES:
scu-mus LD50:430 mg/kg NTIS** PB158-508

BR4550000 AMMONIUM, (p-HYDROXYPHENYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE
UPDT 8312 CAS: 3983-40-2 MW: 336.20 MOLFM: C11-H17-N2-O2 I
SYN: AMMONIUM, (4-[N-METHYLCARBAMOYLOXY]PHENYL)TRIMETHYL-, IODIDE * AMMONIUM, [(p-METHYLCARBAMOYLOXY)PHENYL]TRIETHYL-, IODIDE * AR-17 * CARBAMIC ACID, N-METHYL-, 4-DIMETHYLAMINOPHENYL ESTER, METHIODIDE * CARBAMIC ACID, N-METHYL-, 4-DIETHYLAMINOPHENYL ESTER, ETHIODIDE * CARBAMIC ACID, N-METHYL-, p-(TRIMETHYLAMMONIO)PHENYL ESTER, IODIDE * METHYLCARBAMIC ESTER of p-OXYPHENYLTRIMETHYLAMMONIUM IODIDE * METHIODIDE of N-METHYLURETHANE of 4-DIMETHYLAMINOPHENOL * T 1088 * TL 1097

TOXICITY DATA AND REFERENCES:
orl-mus LDLo:50 mg/kg JPETAB 43,413,31
scu-mus LD50:50 mg/kg NTIS** PB158-508
ivn-mus LDLo:2 mg/kg JPETAB 43,413,31

AMMONIUM, (m-HYDROXYPHENYL)TRIMETHYL-, METHYL SULFATE DIMETHYLCARBAMATE see CY1225000

BR5190000 AMMONIUM, (2-HYDROXYPROPYL)TRIETHYL-, IODIDE, PHTHALATE (2:1)
UPDT 8305 MW: 704.54 MOLFM: C26-H46-N2-O4 2I
SYN: (2-HYDROXYPROPYL)TRIETHYLAMMONIUM IODIDE PHTHALATE (2:1) * Tx 5

TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:4800 ug/kg AIPTAK 121,395,59

BR5200000 AMMONIUM, (2-HYDROXYPROPYL)TRIMETHYL-, ACETATE (ESTER)
UPDT 8302 CAS: 55-92-5 MW: 160.27 MOLFM: C8-H18-N-O2
SYN: ACETYL beta-METHYLCHOLINE * ACETYLMETHYLCHOLINE * CHOLINE ACETYL beta-METHYL * MECHOLIN * MECHOLINE * METHACHOLINE * METHACHOLINE * beta-METHYLACETYLCHOLINE * 1-PROPANAMINIUM, 2-(ACETYLOXY)-N,N,N-TRIMETHYL-

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:44 mg/kg AIPTAK 192,88,71
scu-dog LDLo:4800 ug/kg JPETAB 51,237,34

BR5778030 AMMONIUM, (2-HYDROXYPROPYL)TRIMETHYL-, IODIDE, PHTHALATE (2:1)
UPDT 8305 MW: 620.36 MOLFM: C20-H34-N2-O4 2I
SYN: (2-HYDROXYPROPYL)TRIMETHYLAMMONIUM IODIDE PHTHALATE (2:1) * Tx 2

TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:9100 ug/kg AIPTAK 121,395,59

BR5778100 AMMONIUM, (2-HYDROXYPROPYL)TRIMETHYL-, inner salt, METHYLPHOSPHONOFLUORIDATE, (ester)
UPDT 8303 MW: 198.23 MOLFM: C7-H18-F-N-O2-P
SYN: (2-HYDROXYPROPYL)TRIMETHYLAMMONIUM METHYLPHOSPHONOFLUORIDATE * METHYL FLUOROPHOSPHORYL beta-METHYLCHOLINE

TOXICITY DATA AND REFERENCES:
2J25F12 ipr-mus LD50:70 ug/kg AIPTAK 115,474,58
2J25F12 ivn-rbt LD50:8 ug/kg AIPTAK 115,474,58

BR5849900 AMMONIUM, (4-HYDROXY-m-TOLYL)DIETHYLMETHYL-, IODIDE, METHYLCARBAMATE (ester)
UPDT 8312 MW: 378.29 MOLFM: C14-H23-N2-O2 I
SYN: (4-HYDROXY-m-TOLYL)DIETHYLMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) * METHIODIDE of N-METHYLURETHANE of 4-DIETHYLAMINO-o-CRESOL

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:200 ug/kg JCSOA9 -,182,47

BR6200000 AMMONIUM, (3-HYDROXY-m-TOLYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE
UPDT 8312 CAS: 64050-11-9 MW: 350.23 MOLFM: C12-H19-N2-O2 I
SYN: AMMONIUM, (3-METHYLCARBAMOYLOXY-m-TOLYL)TRIMETHYL-, IODIDE * CARBAMIC ACID, N-METHYL-, 3-DIMETHYLAMINO-5-METHYLPHENYL ESTER METHIODIDE * CARBAMIC ACID, METHYL-, 3-TRIMETHYLAMMONIO-m-TOLYL ESTER, IODIDE * METHIODIDE of N-METHYLURETHANE of 4-DIMETHYLAMINO-o-CRESOL * T 1740

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:110 ug/kg JCSOA9 -,182,47
unk-mus LD50:170 ug/kg NTIS** PB158-508

BR6300000 AMMONIUM, (3-HYDROXY-p-TOLYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE
UPDT 8312 CAS: 7142-64-5 MW: 350.23 MOLFM: C12-H19-N2-O2 I
SYN: AMMONIUM, (3-[METHYLCARBAMOYLOXY]-p-TOLYL)TRIMETHYL-, IODIDE * CARBAMIC ACID, N-METHYL-, 2-METHYL-5-DIMETHYLAMINOPHENYL ESTER, METHIODIDE * CARBAMIC ACID, METHYL-, 5-[TRIMETHYLAMMONIO]-o-TOLYL ESTER, IODIDE * METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINO-4-ISOPROPYL-o-CRESOL * T 1708 * TL 1071

TOXICITY DATA AND REFERENCES:
scu-mus LD50:100 ug/kg NTIS** PB158-508

BR6315000 AMMONIUM, (5-HYDROXY-m-TOLYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE (ester)
UPDT 8312 MW: 350.23 MOLFM: C12-H19-N2-O2 I

BEST COPY AVAILABLE

SYN: (5-HYDROXY-m-TOLYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) * METHIODIDE of N-METHYLURETHANE of 5-DIMETHYLAMINO-m-CRESOL

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:170 ug/kg JCSOA9 -,182,47

BR6315010 AMMONIUM, (5-HYDROXY-o-TOLYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE (ester)

UPDT.8312 MW: 350.21 MOLFM: C12-H19-N2-O2-I

SYN: (5-HYDROXY-o-TOLYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) * N-METHYLURETHANE of 3-DIMETHYLAMINO-p-CRESOL METHIODIDE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:2 mg/kg JCSOA9 -,182,47

BR6317000 AMMONIUM, (6-HYDROXY-m-TOLYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE (ester)

UPDT.8312 MW: 350.23 MOLFM: C12-H19-N2-O2-I

SYN: (6-HYDROXY-m-TOLYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) * METHIODIDE of N-METHYLURETHANE of 2-DIMETHYLAMINO-p-CRESOL

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:160 ug/kg JCSOA9 -,182,47

BR6400000 AMMONIUM, (5-HYDROXY-2,4-XYLYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE

UPDT.8312 CAS: 64049-74-7 MW: 364.26 MOLFM: C13-H21-N2-O2-I

SYN: AMMONIUM, (5-METHYLCARBAMOYLOXY-2,4-XYLYL)TRIMETHYL-, IODIDE * CARBAMIC ACID, N-METHYL-, 2,4-DIMETHYL-5-DIMETHYLAMINOPHENYL ESTER, METHIODIDE * CARBAMIC ACID, METHYL-, 5-TRIMETHYLAMMONIO-2,4-XYLYL ESTER, IODIDE * METHIODIDE of N-METHYLURETHANE of 6-DIMETHYLAMINO-m-4-XYLENOL * I-1767

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:100 ug/kg JCSOA9 -,182,47

vnk-mus LD50:100 ug/kg NTIS** PB158-508

AMMONIUM HYPOSULFITE see: XN6465000

BR6430000 AMMONIUM, (2-(2-IMIDAZOLIN-2-YLTHIO)ETHYL)TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE

UPDT.8408 CAS: 18129-32-3 MW: 349.18 MOLFM: C8-H18-N3-S-Br-H-Br

SYN: ETHANAMINIUM, 2-(1,4,5-DIHYDRO-1H-IMIDAZOL-2-YLTHIO)-N,N,N-TRIMETHYL-, BROMIDE HYDROBROMIDE * (2-(2-IMIDAZOLIN-2-YLTHIO)ETHYL)TRIMETHYLAMMONIUM BROMIDE HYDROBROMIDE * 2-(2-TRIMETHYLAMINOETHYLTHIO)IMIDAZOLINE BROMIDE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:

2F12J22 ivn-mus LD50:25400 ug/kg YKKZAJ 88,747,68

AMMONIUM IRON(III) CITRATE see: GE7540000

AMMONIUM IRON SULFATE see: WS5850000

AMMONIUM IRON SULFATE (2:2:1) see: WS5850000

AMMONIUM ISETHIONATE see: KI7352000

BR6509000 AMMONIUM, (2-(p-(5-(ISOBUTYLCARBAMOYL)-2-OCTYLOXYBENZAMIDO)BENZAMIDO)ETHYL)TRIETHYL-, IODIDE

UPDT.8408 MW: 722.84 MOLFM: C35-H55-N4-O4-I

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:3 gm/kg FRPSAX 39,3,84

* ipr-mus LD50:65 mg/kg FRPSAX 39,3,84

* scu-mus LD50:750 mg/kg FRPSAX 39,3,84

BR6517000 AMMONIUM, ISOPHTHALOYLBIS(IMINOETHYLENE)BIS(TRIMETHYL-, DIIODIDE

UPDT.8306 CAS: 62055-10-1 MW: 590.34 MOLFM: C18-H32-N4-O2-2I

SYN: ETHANAMINIUM, 2,2'-(1,3-PHENYLENEBIS(1-CARBONYLIMINO))BIS(N,N,N-TRIMETHYL-, DIIODIDE * GC 62 * ISOPHTHALOYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE)

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:35 mg/kg APFRAD 34,369,76

BR6525000 AMMONIUM, ((ISOPROPYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE

UPDT.8305 CAS: 3571-45-7 MW: 682.53 MOLFM: C27-H44-N2-O2-2I

SYN: ANETHOCURARIUM * ((ISOPROPYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) * MEDIATONAL

TOXICITY DATA AND REFERENCES:

1J30 ivn-mus LD70:600 ug/kg AIPTAK 93,46,53

BR6527000 AMMONIUM, (2-ISOPROPYL-5-HYDROXYPHENYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE (ester)

UPDT.8312 MW: 378.29 MOLFM: C14-H23-N2-O2-I

SYN: (2-ISOPROPYL-5-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) * METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINO-4-ISOPROPYLPHENOL

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:1 mg/kg JCSOA9 -,182,47

BR6810000 AMMONIUM, MALONYLBIS(IMINOETHYLENE)BIS(TRIETHYL-, DIIODIDE

UPDT.8306 CAS: 62073-24-9 MW: 612.45 MOLFM: C19-H42-N4-O2-2I

SYN: ETHANAMINIUM, 2,2'-((1,3-DIOXO-1,3-PROPANEDIYL)DIIMINO)BIS(N,N,N-TRIETHYL-, DIIODIDE * GC 47 * MALONYLBIS(IMINOETHYLENE)BIS(TRIETHYLAMMONIUM IODIDE) * METHYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIETHYLAMMONIUM IODIDE)

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:120 mg/kg APFRAD 34,369,76

BR6811000 AMMONIUM, MALONYLBIS(IMINOETHYLENE)BIS(TRIMETHYL-, DIIODIDE

UPDT.8306 CAS: 62055-14-5 MW: 528.27 MOLFM: C13-H30-N4-O2-2I

SYN: ETHANAMINIUM, 2,2'-((1,3-DIOXO-1,3-PROPANEDIYL)DIIMINO)BIS(N,N,N-TRIMETHYL-, DIIODIDE * GC 42 * MALONYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) * METHYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIMETHYLAMMONIUM IODIDE)

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:180 mg/kg APFRAD 34,369,76

AMMONIUM MANDELATE see: OO6475000

AMMONIUM MERCAPTAN see: BS4900000

BR6953000 AMMONIUM, (2-MERCAPTOETHYL)TRIMETHYL-, CHLORIDE

UPDT.8412 CAS: 37860-96-9 MW: 155.71 MOLFM: C5-H14-N-S-Cl

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:175 mg/kg AIPTAK 127,128,60

BR6954000 AMMONIUM, (2-MERCAPTOETHYL)TRIMETHIYL-, CHLORIDE, ACETATE

UPDT.9411 CAS: 6050-81-3 MW: 197.75 MOLFM: C7-H16-N-O-S-Cl

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:37500 ug/kg AIPTAK 127,128,60

BR6955000 AMMONIUM, (2-MERCAPTOETHYL)TRIMETHYL-, S-ESTER with O,O-DIETHYLPHOSPHOROTHIOATE

UPDT.8405 MW: 256.36 MOLFM: C9-H23-N-O3-P-S

SYN: (2-MERCAPTOETHYL)TRIMETHYLAMMONIUM S-ESTER with O,O-DIETHYLPHOSPHOROTHIOATE * PHOSPHOLINE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:88 mg/kg APYPAY 32,507,81

* scu-rat LD50:174 ug/kg APYPAY 32,507,81

1C08 ipr-mus LD50:7079 ug/kg PHARAT 35,806,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AMMONIUM METAVANADATE see: YW0875000

AMMONIUM METAVANADATE (DOT) see: YW0875000

AMMONIUM METHANEARSONATE see: PA2450000

AMMONIUM, (3-(N-METHYLCARBAMOYLOXY)PHENYL)DIETHYLMETHYL-, IODIDE see: BR1840000

AMMONIUM, (3-(N-METHYLCARBAMOYLOXY)PHENYL)DIMETHYLETHYL-, IODIDE see: BR2030000

AMMONIUM, (p-METHYLCARBAMOYLOXY)PHENYL)TRIETHYL-, IODIDE see: BR4550000

AMMONIUM, (3-(METHYLCARBAMOYLOXY)PHENYL)TRIMETHYL-, CHLORIDE see: BR3200000

AMMONIUM, (2-(N-METHYLCARBAMOYLOXY)PHENYL)TRIMETHYL-, IODIDE see: BR4375000

AMMONIUM, (3-(METHYLCARBAMOYLOXY)PHENYL)TRIMETHYL-, IODIDE see: BR4200000

AMMONIUM, (4-(N-METHYLCARBAMOYLOXY)PHENYL)TRIMETHYL-, IODIDE see: BR4550000

AMMONIUM, (3-METHYLCARBAMOYLOXY-m-TOLYL)TRIMETHYL-, IODIDE see: BR6200000

AMMONIUM, (3-(METHYLCARBAMOYLOXY)-p-TOLYL)TRIMETHYL-, IODIDE see: BR6300000

AMMONIUM, (5-METHYLCARBAMOYLOXY-2,4-XYLYL)TRIMETHYL-, IODIDE see: BR6400000

BR7874000 AMMONIUM, ((2-METHYL-1,3-DIOXOLAN-4-YL)METHYL)TRIMETHYL-, CHLORIDE

UPDT.8306 MW: 195.72 MOLFM: C8-H18-N-O2-Cl

SYN: CHLORURE de L'ETHYLAL TRIMETHYLAMMONIUM PROPANEDIOL (French) * (2-METHYL-1,3-DIOXOLAN-4-YL)METHYL)TRIMETHYLAMMONIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:220 ug/kg AIPTAK 98,399,54

3G08J22K01 ihl-dog LCLo:10 mg/m3,30M AIPTAK 98,399,54

3G08J22K01 ihl-gpg LCLo:10 mg/m3,30M AIPTAK 98,399,54

* scu-gpg LDLo:50 ug/kg AIPTAK 98,399,54

BR8050000 AMMONIUM, ((METHYLIMINO)DIETHYLENE)BIS(ETHYLDIMETHYL-, DIBROMIDE

UPDT.8405 CAS: 306-53-6 MW: 391.31 MOLFM: C13-H33-N3-2Br

SYN: AZAMETHONE * AZAMETHONIUM BROMIDE * C 9295 * CIBA 9295 * AZAMETON * ETHANAMINIUM, 2,2'-(METHYLIMINO)BIS(N-ETHYL-N,N-DIEMTHYL-, DIBROMIDE (9CI) * GANGLION * 3-METHYL-3-AZAPENTANE-1,5-BIS(ETHYLDIMETHYLAMMONIUM) DIBROMIDE * ((METHYLIMINO)DIETHYLENE)BIS(ETHYLDIMETHYLAMMONIUM BROMIDE) * PENDIOMID * PENDIOMIDE * PENDIOMIDE BROMIDE * PENDIOMIDE DIBROMIDE * PENTAMETHAZENE DIBROMIDE * PENTAMETHAZINE * N,N,N,N',N'-PENTAMETHYL-N,N'-DIETHYL-3-AZAPENTYLENE-1,5-DIAMMONIUM DIBROMIDE * PENTAMIN * PENTAMINE * PENTAMON * PENTOMID * PRAPAR * PRAPARAT 9295

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2500 mg/kg MEIEDD 10,129,83

ipr-mus LDLo:155 mg/kg CLDND*

scu-mus LD50:55 mg/kg AITDAQ 4,391,56

ivn-mus LD50:60 mg/kg FATOAO 21,8,58

orl-rbt LD50:3000 mg/kg SMWOAS 81,446,51

scu-rbt LD50:160 mg/kg SMWOAS 81,446,51

ivn-rbt LD50:75 mg/kg SMWOAS 81,446,51

BR8085000 AMMONIUM, (4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL)TRIMETHYL-, IODIDE

UPDT.8312 MW: 345.20 MOLFM: C13-H16-N-O2-I

SYN: (4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL)TRIMETHYLAMMONIUM IODIDE * METHIODIDE of 4-METHYL-7-DIMETHYLAMINOCOUMARIN * TRIMETHYL(4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL)AMMONIUM IODIDE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:143 mg/kg JCSOA9 -,182,47

AMMONIUM, (2-(2-METHYL-4,5,6,7-TETRACHLOROISOINDOLINYL)ETHYL)TRIMETHYL-, DICHLORIDE see: NR3675000

BR8475000 AMMONIUM, (2-METHYL-2-(2-(TRIMETHYLAMMONIO)ETHOXY)ETHYL)DIETHYLMETHYL-, DIIODIDE

UPDT.8403 CAS: 53597-29-8 MW: 486.27 MOLFM: C13-H32-N2-O-2I

SYN: AMMONIUM, ((2-(DIETHYLMETHYLAMMONIO)-1-METHYLETHOXY)ETHYL)TRIMETHYL-, DIIODIDE * N,N-DIETHYL-N-METHYL-2-(2-(TRIMETHYLAMMONIO)ETHOXY)-1-PROPANAMINIUM DIIODIDE * N,N-DIETHYL-N,N,N',N'-TETRAMETHYL-N,N'-(2-METHYL-3-OXAPENTAMETHYLENE)BIS(AMMONIUM IODIDE) * 2-(2-DIMETHYLAMINOETHOXY)-N,N-DIETHYLPROPYLAMINE DIMETHIODIDE * 2-DIMETHYLAMINOETHYL 2'-DIETHYLAMINOISOPROPYL ETHER BISMETHIODIDE * beta-DIMETHYLAMINOETHYL beta'-DIETHYLAMINO-alpha-METHYLETHYL ETHER DIMETHIODIDE * HL 8731 * PLEGATIL * 1-PROPANAMINIUM, N,N-DIETHYL-N-METHYL-2-(2-TRIMETHYLAMMONIO)ETHOXY)-, DIIODIDE (9CI)

TOXICITY DATA AND REFERENCES:

orl-mus LD50:1125 mg/kg ARZNAD 7,616,57

ivn-mus LD50:39 mg/kg ARZNAD 7,616,57

BR8575000 AMMONIUM, METHYLTRIOCTYL-, CHLORIDE

UPDT.8305 CAS: 5137-55-3 MW: 404.25 MOLFM: C25-H54-N-Cl

SYN: ALIQUAT 336 * ALIQUAT 336N * ALIQUAT 336-PTC * METHYLTRICAPRYLYLAMMONIUM CHLORIDE * METHYLTRIOCTYLAMMONIUM CHLORIDE * 1-OCTANAMINIUM, N-METHYL-N,N-DIOCTYL-, CHLORIDE (9CI) * TRICAPRYLMETHYLAMMONIUM CHLORIDE * TRICAPRYLYLMETHYLAMMONIUM CHLORIDE * TRIOCTYLMETHYLAMMONIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

2K12J25 orl-rat LD50:223 mg/kg AEHA** 33-3,68,71

1F18 ipr-rat LD50:6600 ug/kg AEHA** 33-3,68,71

1F18 orl-mus LD50:280 mg/kg AEHA** 33-3,68,71

1F18 ipr-mus LD50:3300 ug/kg AEHA** 33-3,68,71

1F18 ipr-gpg LDLo:10 mg/kg AEHA** 33-3,68,71

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BR8630000 AMMONIUM, ((METHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE

UPDT.8305 MW: 652.45 MOLFM: C25-H38-N2-O2-2I

SYN: ((METHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)

TOXICITY DATA AND REFERENCES:

1J30 ivn-mus LD70:450 ug/kg AIPTAK 93,46,53

AMMONIUM MOLYBDATE see: QA4900000

AMMONIUM MONOHYDROGEN CITRATE see: GE7573000

AMMONIUM MONOSULFIDE see: BS4920000

AMMONIUM MONOSULFITE see: WT3595000

AMMONIUM MURIATE see: BP4550000

AMMONIUM NICKEL SULFATE see: WS6050000

AMMONIUM NITRATE see: BR9050000

BR9050000 AMMONIUM(I) NITRATE (1:1)

UPDT.8407 CAS: 6484-52-2 MW: 80.06 MOLFM: H-N-O3-H3-N

SYN: AMMONIUM NITRATE * AMMONIUM NITRATE (DOT) * AMMONIUM NITRATE, solution (containing not less than 15% water) (DOT) * HERCO PRILLS * NA 1942 (DOT) * NITRIC ACID, AMMONIUM SALT * UN 1942 (DOT) * UN 2426 (DOT) * VARIOFORM I

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:4820 mg/kg GISAAA 46(9),76,81

STANDARDS & REGULATIONS:

★ **DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER** CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

BR9060000 AMMONIUM NITRATE, mixed with AMMONIUM CARBONATE

UPDT.8308

SYN: AMMONIUM CARBONATE mixed with AMMONIUM NITRATE * AMMONIUM NITRATE-CARBONATE MIXUTRE (DOT) * UN 2068 (DOT)

STANDARDS & REGULATIONS:

★ **DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER** CFRGBR 49,172.101,82

BR9070000 AMMONIUM NITRATE mixed with AMMONIUM PHOSPHATE

UPDT.8308

SYN: AMMONIUM NITRATE-PHOSPHATE (DOT) * AMMONIUM PHOSPHATE, mixed with AMMONIUM NITRATE * UN 2070 (DOT)

STANDARDS & REGULATIONS:

★ **DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER** CFRGBR 49,172.101,82

AMMONIUM NITRATE-CARBONATE MIXUTRE (DOT) see: BR9060000

AMMONIUM NITRATE (DOT) see: BR9050000

AMMONIUM NITRATE, solution (containing not less than 15% water) (DOT) see: BR9050000

BR9073000 AMMONIUM NITRATE FERTILIZER (DOT)

DEF Fertilizer contains no more than 0.2% CARBON (FEREAE 41,15972,76)

UPDT.8308

TOXICITY DATA HAVE NOT BEEN EVALUATED

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

SYN: UN 2067 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER, LABEL:OXIDIZER CFRGBR 49,172.101,82

BR9075000 AMMONIUM NITRATE MIXED FERTILIZER (DOT)
UPDT:8306
SYN: UN 2069 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER, LABEL:OXIDIZER CFRGBR 49,172.101,82

BR9080000 AMMONIUM NITRATE-FUEL OIL MIXTURE (DOT)
DEF:Contains only prilled AMMONIUM NITRATE and fuel oil (CFRGBR 49.172.101,82)
UPDT:8308
STANDARDS & REGULATIONS: HAZARD
★ DOT-HAZARD:BLASTING AGENT, LABEL:BLASTING AGENT CFRGBR 49,172.101,82

AMMONIUM NITRATE-PHOSPHATE (DOT) see: BR9070000
AMMONIUM NITRITE see: RA0770000
AMMONIUM NITRITE (DOT) see: RA0770000

BR9199900 AMMONIUM, (m-NITROPHENYL)TRIMETHYL-, IODIDE
UPDT:8312 MW: 312.18 MOLFM: C9-H17-N2-O2 I
SYN: (m-NITROPHENYL)TRIMETHYLAMMONIUM IODIDE * 3-NITROPHENYLTRIMETHYLAMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:109 mg/kg JCSOA9 -,182,47

AMMONIUM N-NITROSOPHENYLHYDROXYLAMINE see: NC4725000

BR9802000 AMMONIUM, OCTYLTRIMETHYL-, IODIDE
UPDT:8311 MW: 299.28 MOLFM: C11-H26-N I
SYN: IODURE de TRIMETHYLOCTYLAMMONIUM (French) * OCTYLTRIMETHYLAMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
1J30 par-mus LD50:4 mg/kg APFRAD 7,368,49

AMMONIUM OXALATE see: RO2750000
AMMONIUM OXALATE (DOT) see: RO2750000

BR9808000 AMMONIUM, (OXALYLBIS(IMINOETHYLENE))BIS((o-CHLOROBENZYL)DIETHYL-, DICHLORIDE
UPDT:8403 CAS: 115-79-7 MW: 608.54 MOLFM: C28-H42-Cl2-N4-O2 2Cl
SYN: AMBENONIUM CHLORIDE * AMBENONIUM DICHLORIDE * AMBESTIGMIN CHLORIDE * N,N'-BIS(2-DIETHYLAMINOETHYL)OXAMIDE BIS(2-CHLOROBENZYL CHLORIDE) * MISURAN * MYSURAN * MYSURAN CHLORIDE * MYTELASE * MYTELASE CHLORIDE * OKSAZIL * (OXALYLBIS(IMINOETHYLENE))BIS((o-CHLOROBENZYL)DIETHYLAMMONIUM) DICHLORIDE * OXAMIZIL * OXAZIL * OXAZYL * WIN 8077
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:18500 ug/kg NIIRDN 6,132,82
* scu-rat LD50:4500 ug/kg NIIRDN 6,132,82
* ivn-rat LD50:2720 ug/kg NIIRDN 6,132,82
* orl-mus LD50:145 mg/kg NIIRDN 6,132,82
* scu-mus LD50:3700 ug/kg NIIRDN 6,132,82
* ivn-mus LD50:1510 ug/kg NIIRDN 6,132,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BR9808300 AMMONIUM, OXALYLBIS(IMINOETHYLENE)BIS(TRIETHYL-, DIIODIDE
UPDT:8306 CAS: 62055-12-3 MW: 598.42 MOLFM: C18-H40-N4-O2 2I
SYN: ETHANAMINIUM, 2,2'-((1,2-DIOXO-1,2-ETHANEDIYL)DIIMINO)BIS(N,N,N-TRIETHYL-, DIIODIDE * GC 46 * OXALYLBIS(IMINOETHYLENE)BIS(TRIETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:80 mg/kg APFRAD 34,369,76

BR9808400 AMMONIUM, OXALYLBIS(IMINOETHYLENE)BIS(TRIMETHYL-, DIIODIDE
UPDT:8306 MW: 514.24 MOLFM: C12-H28-N4-O2 2I
SYN: ETHANAMINIUM, 2,2'-((1,2-DIOXO-1,2-ETHANEDIYL)DIIMINO)BIS(N,N,N-TRIMETHYL-, DIIODIDE * GC 41 * OXALYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:245 mg/kg APFRAD 34,369,76

BR9895000 AMMONIUM, (2-(2-OXO-3-OXAZOLIDINYL)ETHYL)TRIMETHYL-, IODIDE
UPDT:8311 MW: 300.17 MOLFM: C8-H17-N2-O2 I
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10500 ug/kg APFRAD 13,565,55

BR9896000 AMMONIUM, (3-(2-OXO-3-OXAZOLIDINYL)PROPYL)TRIETHYL-, IODIDE
UPDT:8311 MW: 356.29 MOLFM: C12-H25-N2-O2 I
SYN: (3-(2-OXO-3-OXAZOLIDINYL)PROPYL)TRIETHYLAMMONIUM IODIDE * 423 R.D.
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:120 mg/kg APFRAD 13,565,55

BR9897000 AMMONIUM, (3-(2-OXO-3-OXAZOLIDINYL)PROPYL)TRIMETHYL-, IODIDE
UPDT:8311 MW: 314.20 MOLFM: C9-H19-N2-O2 I
SYN: (3-(2-OXO-3-OXAZOLIDINYL)PROPYL)TRIMETHYLAMMONIUM IODIDE * 421 R.D.
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2800 ug/kg APFRAD 13,565,55

BR9972000 AMMONIUM, OXYBIS((2-CARBOXY-5,3-INDOLYLENE)METHYLENE)BIS(TRIMETHYL-, BIS(METHYL SULFATE), DIETHYL ESTER
UPDT:8402 MW: 758.94 MOLFM: C30-H40-N4-O5 2C-H3-O4-S
SYN: 2,2'-DIETHOXYCARBONYL-3,3'-BIS(DIMETHYLAMINOMETHYL)BIS-(5-INDOLYL) OXIDE DIMETHOSULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2500 ug/kg PCJOAU 16,830,82

BR9974000 AMMONIUM, OXYBIS((5,3-INDOLYLENE)METHYLENE)BIS(TRIMETHYL-, BIS(METHYL SULFATE)
UPDT:8402 MW: 614.80 MOLFM: C24-H32-N4-O 2C-H3-O4-S
SYN: 3,3'-BIS(DIMETHYLAMINOMETHYL)BIS(5-INDOLYL) OXIDE DIMETHOSULFATE * OXYBIS((5,3-INDOLYLENE)METHYLENE)BIS(TRIMETHYLAMMONIUM) BIS(METHYL SULFATE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:3200 ug/kg PCJOAU 16,830,82

BS0100000 AMMONIUM, (OXYBIS(PENTAMETHYLENE))BIS(TRIETHYL-, DIIODIDE
UPDT:8305 MW: 612.54 MOLFM: C22-H50-N2-O 2I
SYN: (OXYBIS(PENTAMETHYLENE))BIS(TRIETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD70:1750 ug/kg AIPTAK 93,46,53

BS0110000 AMMONIUM, (OXYBIS(PENTAMETHYLENE))BIS(TRIMETHYL-, DIBROMIDE
UPDT:8305 MW: 434.38 MOLFM: C16-H38-N2-O 2Br
SYN: (OXYBIS(PENTAMETHYLENE))BIS(TRIMETHYLAMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD70:2500 ug/kg AIPTAK 93,46,53

BS0120000 AMMONIUM, (OXYBIS(PENTAMETHYLENE))BIS(TRIMETHYL-, DICHLORIDE
UPDT:8305 CAS: 7174-23-4 MW: 345.46 MOLFM: C16-H38-N2-O 2Cl
SYN: BREVATONAL * (OXYBIS(PENTAMETHYLENE))BIS(TRIMETHYLAMMONIUM CHLORIDE) * OXYDIPENTONIUM CHLORIDE * 1-PENTANAMINIUM, 5,5'-OXYBIS(N,N,N-TRIMETHYL-, DICHLORIDE (9CI) * U.C.B. 5067
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD70:1500 ug/kg AIPTAK 93,46,53

BS0130000 AMMONIUM, (OXYBIS(PENTAMETHYLENE))BIS(TRIMETHYL-, DIIODIDE
UPDT:8305 MW: 528.36 MOLFM: C16-H38-N2-O 2I
SYN: (OXYBIS(PENTAMETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD70:2500 ug/kg AIPTAK 93,46,53

AMMONIUM PARAMOLYBDATE see: QA4900000

BS0480000 AMMONIUM PARATUNGSTATE HEXAHYDRATE
UPDT:8307 CAS: 12708-54-7 MW: 1887.37 MOLFM: H24-N6-O24-W7 6H2-O
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:11300 mg/kg AIHAAP 30,470,69

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO TUNGSTEN recm std-air:TWA 1 mg(W)/m3 NTIS**

AMMONIUM PENTADECAFLUOROOCTANATE see: RH0782000
AMMONIUM PERCHLORATE (DOT) see: SC7520000
AMMONIUM PERCHLORATE, average particle size less than 45 microns (DOT) see: SC7520000
AMMONIUM PERFLUOROCAPRILATE see: RH0782000
AMMONIUM PERFLUOROOCTANOATE see: RH0782000
AMMONIUM PERMANGANATE (DOT) see: SD6400000
AMMONIUM PEROXYDISULFATE see: SE0350000
AMMONIUM PERSULFATE see: SE0350000
AMMONIUM PERSULPHATE (DOT) see: SE0350000

BS1100000 AMMONIUM, (v-PHENENYLTRIS(OXYETHYLENE)TRIS(TRIETHYL-, TRIIODIDE
UPDT:8412 CAS: 65-29-2 MW: 891.63 MOLFM: C30-H60-N3-O3 3I
SYN: BENZCURINE IODIDE * F 2559 * FLACEDIL * FLAXEDIL * FOURNEAU 2559 * GALLAMIN * GALLAMINE * GALLAMINE IODIDE * GALLAMINE 3ETI * GALLAMINE TRIETHIODIDE * GALLAMINE TRIIODOETHYLATE * GALLAMIN TRIETHIODIDE * (v-PHENENYLTRIS(OXYETHYLENE))TRIS(TRIETHYLAMMONIUM)IODIDE * RELAXAN * REMYOLAN * RETENSIN * RP 3697 * 3 697 R.P. * SINCURARINE * SYNCURARINE * TRICURAN * TRI(beta-DIETHYLAMINOETHOXY)-1,2,3-BENZENE TRI-IODOETHYLATE * 1,2,3-TRI(beta-DIETHYLAMINOETHOXY)BENZENE TRIETHIODIDE * TRIIODOETHYLATE DE GALLAMINE (French) * TRIIODOETHYLATE of TRI(DIETHYLAMINOETHYLOXY)-1,2,3-BENZENE * TRI(IODOETHYLATE) de TRI (beta DIETHYLAMINOETHOXY)-1,2,3 BENZENE (French) * 1,2,3-TRIS(2-DIETHYLAMINOETHOXY)BENZENE TRIETHIODIDE * 1,2,3-TRIS(2-DIETHYLAMINOETHOXY)BENZENE TRIS(ETHYLIODIDE) * 1,2,3-TRIS(2-TRIETHYLAMMONIUM ETHOXY)BENZENE TRIIODIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:23200 ug/kg NIIRDN 6,178,82
* scu-rat LD50:28500 ug/kg NIIRDN 6,178,82
* ivn-rat LD50:5100 ug/kg NIIRDN 6,178,82
idu-rat LD50:380 mg/kg AIPTAK 180,155,69
orl-mus LD50:425 mg/kg AIPTAK 80,172,49
ipr-mus LD50:10 mg/kg AIPTAK 184,75,70
3F18J25J30 scu-mus LD50:16400 ug/kg OYYAA2 9,117,75
* ivn-mus LD50:1800 ug/kg CSLNX* NX#01979
1J30 par-mus LD50:1700 ug/kg APFRAD 7,368,49
ivn-dog LD50:800 ug/kg AIPTAK 80,172,49
orl-rbt LD50:100 mg/kg AIPTAK 80,172,49
scu-rbt LDLo:2 mg/kg AIPTAK 80,172,49
ivn-rbt LD50:440 ug/kg IJNEAQ 5,305,66
ims-rbt LDLo:2 mg/kg AIPTAK 80,172,49
* ivn-ckn LD50:600 ug/kg AIPTAK 122,152,59

BS2505000 AMMONIUM, (p-PHENYLENEDIMETHYLENE)BIS(BENZYLDIETHYL-, DIBROMIDE
UPDT:8303 MW: 590.36 MOLFM: C34-H42-N2 2Br
SYN: (p-PHENYLENEDIMETHYLENE)BIS(BENZYLDIETHYLAMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:8 mg/kg AIPTAK 114,217,58

BS2506000 AMMONIUM, (p-PHENYLENEDIMETHYLENE)BIS(DIETHYL(2-HYDROXYETHYL)-, DIBROMIDE
UPDT:8303 MW: 498.42 MOLFM: C20-H38-N2-O2 2Br
SYN: (p-PHENYLENEDIMETHYLENE)BIS(DIETHYL(2-HYDROXYETHYL)AMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:35 mg/kg AIPTAK 114,217,58

BS2507000 AMMONIUM, (p-PHENYLENEDIMETHYLENE)BIS(DIETHYL(3-HYDROXYPROPYL)-, DIBROMIDE
UPDT:8303 MW: 526.48 MOLFM: C22-H42-N2-O2 2Br
SYN: (p-PHENYLENEDIMETHYLENE)BIS(DIETHYL(3-HYDROXYPROPYL)AMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:35 mg/kg AIPTAK 114,217,58

BS2510000 AMMONIUM, (p-PHENYLENEDIMETHYLENE)BIS((2,3-DIHYDROXYPROPYL)DIMETHYL-, DIBROMIDE
UPDT:8303 MW: 507.36 MOLFM: C18-H34-N2-O4 2Br
SYN: (p-PHENYLENEDIMETHYLENE)BIS((2,3-DIHYDROXYPROPYL)DIMETHYLAMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:200 mg/kg AIPTAK 114,217,58

BS2512000 AMMONIUM, (p-PHENYLENEDIMETHYLENE)BIS(DODECYLDIETHYL-, DIBROMIDE
UPDT:8303 MW: 747.02 MOLFM: C40-H78-N2 2Br
SYN: (p-PHENYLENEDIMETHYLENE)BIS(DODECYLDIETHYLAMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:65 mg/kg AIPTAK 114,217,58

BS2514000 AMMONIUM, (p-PHENYLENEDIMETHYLENE)BIS(ETHYL(2-HYDROXYETHYL)PROPYL-, DIBROMIDE
UPDT:8303 MW: 526.48 MOLFM: C22-H42-N2-O2 2Br
SYN: (p-PHENYLENEDIMETHYLENE)BIS(ETHYL(2-HYDROXYETHYL)PROPYLAMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:12500 ug/kg AIPTAK 114,217,58

BS2516000 AMMONIUM, (p-PHENYLENEDIMETHYLENE)BIS((2-HYDROXYETHYL)DIMETHYL-, DIBROMIDE
UPDT:8303 MW: 442.30 MOLFM: C16-H30-N2-O2 2Br
SYN: (p-PHENYLENEDIMETHYLENE)BIS((2-HYDROXYETHYL)DIMETHYLAMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:75 mg/kg AIPTAK 114,217,58

BS2521000 AMMONIUM, (p-PHENYLENEDIMETHYLENE)BIS(TRIBUTYL-, DIBROMIDE
UPDT:8303 MW: 634.78 MOLFM: C32-H62-N2 2Br
SYN: (p-PHENYLENEDIMETHYLENE)BIS(TRIBUTYLAMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:15 mg/kg AIPTAK 114,217,58

BS2521500 AMMONIUM, (p-PHENYLENEDIMETHYLENE)BIS(TRIETHYL-, DIBROMIDE
UPDT:8406 MW: 466.42 MOLFM: C20-H38-N2 2Br
SYN: (p-PHENYLENEDIMETHYLENE)BIS(TRIETHYLAMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:15 mg/kg JAPMA8 45,792,56

BS2521700 AMMONIUM, (p-PHENYLENEDIMETHYLENE)BIS(TRIMETHYL-, DIBROMIDE
UPDT:8406 MW: 382.24 MOLFM: C14-H26-N2 2Br
SYN: (p-PHENYLENEDIMETHYLENE)BIS(TRIMETHYLAMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg JAPMA8 45,792,56

BS2522000 AMMONIUM, (p-PHENYLENEDIMETHYLENE)BIS(TRIPROPYL-, DIBROMIDE
UPDT:8303 MW: 550.60 MOLFM: C26-H50-N2 2Br
SYN: (p-PHENYLENEDIMETHYLENE)BIS(TRIPROPYLAMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:35 mg/kg AIPTAK 114,217,58

AMMONIUM, PHENYLTRIMETHYL-, IODIDE see: BT2450000
AMMONIUM PHOSPHATE see: TB9375000
AMMONIUM PHOSPHATE, mixed with AMMONIUM NITRATE see: BR9070000
AMMONIUM PHOSPHATE DIBASIC see: TB9375000

BS3853000 AMMONIUM, PHTHALOYLBIS(IMINOETHYLENE)BIS(TRIMETHYL-, DIIODIDE
UPDT:8306 MW: 590.34 MOLFM: C18-H32-N4-O2 2I
SYN: GC 61 * PHTHALOYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg APFRAD 34,369,76

BEST COPY AVAILABLE

BS3855000 AMMONIUM PICRATE
UPDT 8406 CAS: 131-74-8 MW: 246.16 MOLFM: C6-H3-N3-O7 . H3-N
SYN: AMMONIUM CARBAZOATE * AMMONIUM PICRATE, dry or containing, by weight, less than 10% water (DOT) * AMMONIUM PICRONITRATE * OBELINE PICRATE * PICRATE of AMMONIA (DOT) * PICRIC ACID, AMMONIUM SALT * RCRA WASTE NUMBER P009 * 2,4,6-TRINITROPHENOL AMMONIUM SALT * UN 0004 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BS3856000 AMMONIUM PICRATE (wet)
UPDT 8406 CAS: 131-74-8
SYN: AMMONIUM PICRATE, WET (DOT) * EXPLOSIVE D * OBELINE PICRATE * PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (9CI) * PICRATOL * PICRIC ACID, AMMONIUM SALT * RCRA WASTE NUMBER P009 * UN 1310 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
AMMONIUM PICRATE, dry or containing, by weight, less than 10% water (DOT) see: BS3855000
AMMONIUM PICRATE, WET (DOT) see: BS3856000
AMMONIUM PICRONITRATE see: BS3855000

BS3859090 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(BENZYLDIETHYL-, DIBROMIDE
UPDT 8305 MW: 466.84 MOLFM: C30-H50-N4
SYN: (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(BENZYLDIETHYLAMMONIUM)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:400 mg/kg AIPTAK 109,191,57

BS3859100 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(BENZYLDIETHYL-, DIBROMIDE
UPDT 8305 CAS: 17372-31-5 MW: 626.66 MOLFM: C30-H50-N4 . 2Br
SYN: 343 HC * ISOCURINE * 132 HC * 1,4-PIPERAZINEDIETHANAMINIUM, N,N,N',N'-TETRAETHYL-N,N'-BIS(PHENYLMETHYL)-, DIBROMIDE (9CI) * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(BENZYLDIETHYLAMMONIUM BROMIDE) * P.M. 626
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:40 mg/kg THERAP 9,314,54
* ivn-mus LD50:6 mg/kg AIPTAK 109,191,57

BS3859150 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(BENZYLDIETHYL-, DICHLORIDE
UPDT 8305 MW: 537.74 MOLFM: C30-H50-N4 . 2Cl
SYN: 340 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(BENZYLDIETHYLAMMONIUM CHLORIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:6 mg/kg AIPTAK 94,1,53

BS3859200 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(BUTYLDIETHYL-, DIBROMIDE
UPDT 8305 MW: 558.64 MOLFM: C24-H54-N4 . 2Br
SYN: 178 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(BUTYLDIETHYLAMMONIUM BROMIDE) * P.M. 558
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:45 mg/kg AIPTAK 109,191,57
* ivn-mus LD50:7500 ug/kg AIPTAK 109,191,57

BS3859250 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(tert-BUTYLDIETHYL-, DIBROMIDE
UPDT 8305 MW: 558.64 MOLFM: C24-H54-N4 . 2Br
SYN: 164 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(tert-BUTYLDIETHYLAMMONIUM BROMIDE) * P.M. 558
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:60 mg/kg AIPTAK 109,191,57
* ivn-mus LD50:50 mg/kg AIPTAK 109,191,57

BS3859300 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS((o-CHLOROBENZYL)DIETHYL-, DIBROMIDE
UPDT 8305 MW: 695.54 MOLFM: C30-H48-Cl2-N4 . 2Br
SYN: 192 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS((o-CHLOROBENZYL)DIETHYLAMMONIUM BROMIDE) * P.M. 606
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:24 mg/kg AIPTAK 109,191,57
* ivn-mus LD50:3700 ug/kg AIPTAK 109,191,57

BS3859350 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS((p-CHLOROBENZYL)DIETHYL-, DIBROMIDE
UPDT 8305 MW: 695.54 MOLFM: C30-H48-Cl2-N4 . 2Br
SYN: DI((p-CHLORO-CHLOROBENZYLATE)) de N,N-BIS-(DIETHYLAMINOETHYL)PIPERAZINE (French) * 191 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS((p-CHLOROBENZYL)DIETHYLAMMONIUM BROMIDE) * P.M. 606
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:12500 ug/kg AIPTAK 109,191,57
* ivn-mus LD50:2250 ug/kg AIPTAK 109,191,57

BS3859400 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DECYLDIETHYL-, DIBROMIDE
UPDT 8305 MW: 727.00 MOLFM: C36-H78-N4 . 2Br
SYN: 169 HC * (1,4-PIPERAZINEDIETHYLENE)BIS(DECYLDIETHYLAMMONIUM BROMIDE) * P.M. 726
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:300 mg/kg AIPTAK 109,191,57
* ivn-mus LD50:8500 ug/kg AIPTAK 109,191,57

BS3859420 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIALLYLMETHYL-, DIIODIDE
UPDT 8308 MW: 616.48 MOLFM: C22-H42-N4 . 2I
SYN: 377 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIALLYLMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:26 mg/kg AIPTAK 84,237,50

BS3859430 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLHEPTYL-, BROMIDE
UPDT 8305 MW: 642.82 MOLFM: C30-H66-N4 . 2Br
SYN: 167 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLHEPTYLAMMONIUM BROMIDE) * P.M. 642
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:170 mg/kg AIPTAK 109,191,57
* ivn-mus LD50:4500 ug/kg AIPTAK 109,191,57

BS3859460 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLHEXADECYL-, DIBROMIDE
UPDT 8305 MW: 895.36 MOLFM: C48-H102-N4 . 2Br
SYN: 118 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLHEXADECYLAMMONIUM BROMIDE) * P.M. 894
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:400 mg/kg AIPTAK 109,191,57
* ivn-mus LD50:9 mg/kg AIPTAK 109,191,57

BS3859500 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLHEXYL-, DIBROMIDE
UPDT 8305 MW: 614.76 MOLFM: C28-H62-N4 . 2Br
SYN: 166 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLHEXYLAMMONIUM BROMIDE) * P.M. 614
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:90 mg/kg AIPTAK 109,191,57
* ivn-mus LD50:6500 ug/kg AIPTAK 109,191,57

BS3859550 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLMETHYL-, DIBROMIDE
UPDT 8305 MW: 474.46 MOLFM: C18-H42-N4 . 2Br
SYN: 177 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLMETHYLAMMONIUM BROMIDE) * P.M. 474
TOXICITY DATA AND REFERENCES:
2A11F07 scu-mus LD50:90 mg/kg THERAP 11,684,56
* ivn-mus LD50:22 mg/kg AIPTAK 109,191,57

BS3859600 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLMETHYL-, DIIODIDE
UPDT 8305 MW: 568.44 MOLFM: C18-H42-N4 . 2I
SYN: 291 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg AIPTAK 94,1,53

BS3859630 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLOCTYL-, DIBROMIDE
UPDT 8305 MW: 670.88 MOLFM: C32-H70-N4 . 2Br
SYN: DIBROMOOCTYLATE de BIS(DIETHYLAMINOETHYL)PIPERAZINE (French) * 168 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLOCTYLAMMONIUM BROMIDE) * P.M. 670
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:150 mg/kg AIPTAK 109,191,57
* ivn-mus LD50:5250 mg/kg AIPTAK 109,191,57

BS3859660 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLPENTYL-, DIBROMIDE
UPDT 8305 MW: 586.70 MOLFM: C26-H58-N4 . 2Br
SYN: 165 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLPENTYLAMMONIUM BROMIDE) * P.M. 586
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:30 mg/kg AIPTAK 109,191,57
* ivn-mus LD50:12 mg/kg AIPTAK 109,191,57

BS3859700 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLPROPYL-, DIBROMIDE
UPDT 8305 MW: 530.58 MOLFM: C22-H50-N4 . 2Br
SYN: 163 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLPROPYLAMMONIUM BROMIDE) * P.M. 530
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:70 mg/kg AIPTAK 109,191,57
* ivn-mus LD50:9700 ug/kg AIPTAK 109,191,57

BS3859720 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLTETRADECYL-, DIBROMIDE
UPDT 8305 MW: 839.24 MOLFM: C44-H94-N4 . 2Br
SYN: 195 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLTETRADECYLAMMONIUM BROMIDE) * P.M. 838
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg AIPTAK 109,191,57

BS3859730 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIMETHYLETHYL-, DIBROMIDE
UPDT 8308 MW: 446.40 MOLFM: C16-H38-N4 . 2Br
SYN: 342 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIMETHYLETHYLAMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:190 mg/kg AIPTAK 112,36,57
* ivn-mus LD50:100 mg/kg AIPTAK 84,237,50

BS3859740 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DODECYLDIETHYL-, DIBROMIDE
UPDT 8305 MW: 783.12 MOLFM: C40-H86-N4 . 2Br
SYN: 170 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DODECYLDIETHYLAMMONIUM BROMIDE) * P.M. 782
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:700 mg/kg AIPTAK 109,191,57
* ivn-mus LD50:16500 ug/kg AIPTAK 109,191,57

BS3859760 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(ETHYLDIMETHYL-, DIIODIDE
UPDT 8305 MW: 540.38 MOLFM: C16-H38-N4 . 2I
SYN: 324 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(ETHYLDIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg AIPTAK 94,1,53

BS3859780 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIETHYL-, DIBROMIDE
UPDT 8305 MW: 502.52 MOLFM: C20-H46-N4 . 2Br
SYN: 313 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIETHYLAMMONIUM BROMIDE) * P.M. 502
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:55 mg/kg AIPTAK 109,191,57
* ivn-mus LD50:22 mg/kg AIPTAK 109,191,57

BS3859800 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIETHYL-, DICHLORIDE
UPDT 8305 MW: 413.60 MOLFM: C20-H46-N4 . 2Cl
SYN: 314 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIETHYLAMMONIUM CHLORIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg AIPTAK 94,1,53

BS3859820 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIETHYL-, DIIODIDE
UPDT 8311 MW: 596.50 MOLFM: C20-H46-N4 . 2I
SYN: 292 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:80 mg/kg THERAP 9,314,54
* ivn-mus LD50:16 mg/kg AIPTAK 94,1,53
1J30 par-mus LD50:16 mg/kg APFRAD 7,368,49

BS3859840 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIMETHYL-, DIIODIDE
UPDT 8305 MW: 512.32 MOLFM: C14-H34-N4 . 2I
SYN: 323 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg AIPTAK 94,1,53

BS3859880 AMMONIUM, (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIMETHYL-, DI(p-TOLUENESULFONATE)
UPDT 8308 MW: 600.92 MOLFM: C14-H34-N4 . 2C7-H7-O3-S
SYN: 341 HC * (1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIMETHYLAMMONIUM p-TOLUENESULFONATE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg AIPTAK 84,237,50

AMMONIUM PLATINIC CHLORIDE see: BP5425000

BS4027000 AMMONIUM POLYSULFIDE (solution)
UPDT 8312 CAS: 12259-92-6 MW: 132.28 MOLFM: H8-N2-S3
SYN: AMMONIUM POLYSULFIDE SOLUTION * AMMONIUM POLYSULFIDE SOLUTION (DOT) * AMMONIUM SULFIDE (POLY) * AMMONIUM SULFIDE SOLUTION, RED * AMMONIUM TRISULFIDE * AP-5 * DIAMMONIUM TRISULFIDE * UN 2818 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-ORM-A; LABEL:NONE CFRGBR 49,172.101.82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
AMMONIUM POLYSULFIDE SOLUTION see: BS4027000
AMMONIUM POLYSULFIDE SOLUTION (DOT) see: BS4027000
AMMONIUM POLYVANADATE (DOT) see: YW1750000

BS4030000 AMMONIUM POTASSIUM SELENIDE mixed with AMMONIUM POTASSIUM SULFIDE
UPDT 8401 CAS: 64046-00-0 MW: 136.11 MOLFM: H4-N-K-Se
SYN: AMMONIUM POTASSIUM SULFIDE mixed with AMMONIUM POTASSIUM SELENIDE * POTASSIUM AMMONIUM SELENIDE mixed with AMMONIUM POTASSIUM SULFIDE * POTASSIUM AMMONIUM SULFIDE mixed with AMMONIUM POTASSIUM SELENIDE * SELENIDE, AMMONIUM POTASSIUM mixed with AMMONIUM POTASSIUM SULFIDE * SULFIDE, AMMONIUM POTASSIUM mixed with AMMONIUM POTASSIUM SELENIDE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:450 mg/kg/2Y-C CNREA8 3,230,43

BEST COPY AVAILABLE

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71
★ CARCINOGENIC REVIEW:INDEFINITE — IARC** 9,245,75
★ TLV-TWA 200 ug(Se)/m3 — DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) — FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AMMONIUM POTASSIUM SULFIDE mixed with AMMONIUM POTASSIUM SELENIDE see: BS4030000

BS4034500 AMMONIUM, (PROPYLENEBIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE
UPDT:8305 MW: 654.47 MOLFM: C23-H40-N2-O2 2I
SYN: (PROPYLENEBIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD70:600 ug/kg — AIPTAK 93,46,53

BS4034700 AMMONIUM, ((PROPYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE
UPDT:8305 MW: 682.53 MOLFM: C27-H44-N2-O2 2I
SYN: ((PROPYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD70:300 ug/kg — AIPTAK 93,46,53

BS4034800 AMMONIUM, ((PROPYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE
UPDT:8305 MW: 680.51 MOLFM: C27-H42-N2-O2 2I
SYN: ((PROPYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD70:100 ug/kg — AIPTAK 93,46,53
AMMONIUM REINECKATE HYDRATE see: GA9160000
AMMONIUM RHODANATE see: XK7875000
AMMONIUM RHODANIDE see: XK7875000
AMMONIUM SALICYLATE see: VO4900000
AMMONIUMSALZ DER AMIDOSULFONSAURE (German) see: WO6125000
AMMONIUM SILICOFLUORIDE see: GQ9450000
AMMONIUM SILICOFLUORIDE (DOT) see: GQ9450000
AMMONIUM SINITRO-o-CRESOLATE (DOT) see: GP0210000

BS4319000 AMMONIUM, SUCCINYLBIS(IMINOETHYLENE)BIS(TRIETHYL-, DIIODIDE
UPDT:8306 CAS: 62055-18-9 MW: 626.48 MOLFM: C20-H44-N4-O2 2I
SYN: ETHANAMINIUM, 2,2'-((1,4-DIOXO-1,4-BUTANEDIYL)DIIMINO)BIS(N,N,N-TRIETHYL-, DIIODIDE * ETHYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIETHYLAMMONIUM IODIDE) * GC 48 * SUCCINYLBIS(IMINOETHYLENE)BIS(TRIETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg — APFRAD 34,369,76

BS4319500 AMMONIUM, SUCCINYLBIS(IMINOETHYLENE)BIS(TRIMETHYL-, DIIODIDE
UPDT:8306 CAS: 62066-17-5 MW: 542.30 MOLFM: C14-H32-N4-O2 2I
SYN: ETHANAMINIUM, 2,2'-((1,4-DIOXO-1,4-BUTANEDIYL)DIIMINO)BIS(N,N,N-TRIMETHYL-, DIIODIDE * ETHYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIMETHYLAMMONIUM IODIDE) * GC 43 * SUCCINYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:70 mg/kg — APFRAD 34,369,76
AMMONIUM SULFAMATE see: WO6125000
AMMONIUM SULFAMATE (DOT) see: WO6125000

BS4500000 AMMONIUM SULFATE (2:1)
UPDT:8407 CAS: 7783-20-2 MW: 132.16 MOLFM: O4-S 2H4-N
SYN: AMMONIUM HYDROGEN SULFATE (DOT) * AMMONIUM SULPHATE * DIAMMONIUM SULFATE * DIAMMONIUM SULPHATE * DOLAMIN * MASCAGNITE * SULFATOM AMMONIYA (Russian) * SULFURIC ACID, DIAMMONIUM SALT * UN 2506 (DOT)
TOXICITY DATA AND REFERENCES:
3K12K13K30 orl-man TDLo:1500 mg/kg — GISAAA 42(7),100,77
orl-rat LD50:3000 mg/kg — CNJMAQ 12,216,48
ipr-mus LD50:610 mg/kg — IJCPHAQ 2,1,41
orl-dom LDLo:3500 mg/kg — AJVRAH 32,1229,71
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-B; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0178-0034
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BS4510000 AMMONIUM SULFATE mixed with AMMONIUM NITRATE
UPDT:8308
SYN: AMMONIUM SULFATE NITRATE (DOT) * NA 1477 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-C; LABEL:NONE — CFRGBR 49,172.101,82

BS4515000 AMMONIUM SULFATE, and CHROMIC SULFATE, TETRACOSAHYDRATE
UPDT:8408 MOLFM: H8-N2-O4-S Cr2-O12-S3 24H2-O
SYN: AMMONIUM CHROME ALUMS * CHROMIC AMMONIUM SULFATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:720 mg/kg — BSGMAT -,38,82
* skn-rat LDLo:2 gm/kg — BSGMAT -,38,82
* ihl-mus LC50:51 mg/m3/2H — BSGMAT -,38,82
* skn-mus LD50:110 mg/kg — BSGMAT -,38,82
* ims-mus LD50:115 mg/kg — BSGMAT -,38,82
* skn-rbt LDLo:1 gm/kg — BSGMAT -,38,82
AMMONIUM SULFATE NITRATE (DOT) see: BS4510000
AMMONIUM SULFHYDRATE see: BS4900000

BS4900000 AMMONIUM SULFIDE
UPDT:8403 CAS: 12124-99-1 MW: 51.12 MOLFM: H4-N H-S
SYN: AMMONIUM BISULFIDE * AMMONIUM HYDROGEN SULFIDE * AMMONIUM HYDROSULFIDE * AMMONIUM HYDROSULFIDE SOLUTION (DOT) * AMMONIUM MERCAPTAN * AMMONIUM SULFHYDRATE * MONOAMMONIUM SULFIDE * NA 2683 (DOT) * SIRNIK AMONNY (Czech) * TRUE AMMONIUM SULFIDE
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:80 mg/kg — JPETAB 76,179,42
skn-mus LDLo:2457 mg/kg — JPETAB 76,179,42
ipr-mus LDLo:10 mg/kg — JPETAB 76,179,42
scu-mus LD50:132 mg/kg — 28ZPAK -,18,72
ivn-mus LDLo:2 mg/kg — JPETAB 76,179,42
ivn-dog LDLo:2 mg/kg — JPETAB 76,179,42
skn-rbt LDLo:119 mg/kg — JPETAB 76,179,42
scu-rbt LDLo:8 mg/kg — JPETAB 76,179,42
ivn-rbt LDLo:1500 ug/kg — JPETAB 76,179,42
idr-rbt LDLo:30 mg/kg — JPETAB 76,179,42
skn-gpg LDLo:692 mg/kg — JPETAB 76,179,42
par-gpg LDLo:143 mg/kg — JPETAB 76,179,42
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BS4920000 AMMONIUM SULFIDE (solution)
UPDT:8308 CAS: 12135-76-1 MW: 68.16 MOLFM: H8-N2-S
SYN: AMMONIUM MONOSULFIDE * AMMONIUM SULFIDE SOLUTION (DOT) * DIAMMONIUM SULFIDE * TRUE AMMONIUM SULFIDE * UN 2683 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
AMMONIUM SULFIDE (POLY-) see: BS4027000
AMMONIUM SULFIDE SOLUTION (DOT) see: BS4920000
AMMONIUM SULFIDE SOLUTION, RED see: BS4027000
AMMONIUM SULFITE see: WT3505000
AMMONIUM SULFITE (DOT) see: WT3505000
AMMONIUM SULFOCYANATE see: XK7875000
AMMONIUM SULFOCYANIDE see: XK7875000
AMMONIUM SULPHAMATE see: WO6125000
AMMONIUM SULPHATE see: BS4500000
AMMONIUM TARTRATE see: WW8050000
AMMONIUM d-TARTRATE see: WW8050000

BS5325000 AMMONIUM TARTRATE, pyrolyzate
UPDT:8308
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate — ABCHA6 46,1067,82
AMMONIUM TARTRATE (DOT) see: WW8050000
AMMONIUM TELLURATE see: WY2410000
AMMONIUM TELLURATE see: WY2415000

BS5338000 AMMONIUM, TEREPHTHALOYLBIS(IMINOETHYLENE)BIS(TRIMETHYL-, DIIODIDE
UPDT:8306 CAS: 62055-11-2 MW: 590.34 MOLFM: C18-H32-N4-O2 2I
SYN: ETHANAMINIUM, 2,2'-(1,4-PHENYLENEBIS(CARBONYLIMINO))BIS(N,N,N-TRIMETHYL-, DIIODIDE * GC 63 * TEREPHTHALOYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:10 mg/kg — APFRAD 34,369,76

BS5338500 AMMONIUM, (TEREPHTHALOYLDIMETHYLENE)BIS(((2-CYANO-2-HYDROXYCYCLOHEXYL)METHYL)DIMETHYL-, DIBROMIDE
UPDT:8311 CAS: 28003-37-4 MW: 684.60 MOLFM: C30-H44-N4-O4 2Br
TOXICITY DATA AND REFERENCES:
3F18J22J30 ipr-mus LD50:2880 ug/kg — EJPHAZ 8,127,69

BS5338510 AMMONIUM, (TEREPHTHALOYLDIMETHYLENE)BIS(((2-CYANO-2-HYDROXYCYCLOHEXYL)METHYL)DIMETHYL-, DIBROMIDE, DIACETATE (ester)
UPDT:8404 CAS: 28043-31-4 MW: 768.68 MOLFM: C34-H48-N4-O6 2Br
TOXICITY DATA AND REFERENCES:
3F18J22J30 ipr-mus LD50:2900 ug/kg — EJPHAZ 8,127,69

BS5338520 AMMONIUM, (TEREPHTHALOYLDIMETHYLENE)BIS(((2-CYANO-2-HYDROXYCYCLOHEXYL)METHYL)DIMETHYL-, DIBROMIDE, DIBENZOATE (ester)
UPDT:8311 CAS: 28003-38-5 MW: 892.82 MOLFM: C44-H52-N4-O6 2Br
TOXICITY DATA AND REFERENCES:
3F18J22J30 ipr-mus LD50:13800 ug/kg — EJPHAZ 8,127,69

BS5338600 AMMONIUM, (TEREPHTHALOYLDIMETHYLENE)BIS(((2-HYDROXYCYCLOHEXYL)METHYL)DIMETHYL-, DIBROMIDE
UPDT:8311 CAS: 28043-32-5 MW: 634.58 MOLFM: C28-H46-N2-O4 2Br
SYN: (TEREPHTHALOYLDIMETHYLENE)BIS(((2-HYDROXYCYCLOHEXYL)METHYL)DIMETHYLAMMONIUM) DIBROMIDE
TOXICITY DATA AND REFERENCES:
3F18J22J30 ipr-mus LD50:31 mg/kg — EJPHAZ 8,127,69

BS5338610 AMMONIUM, (TEREPHTHALOYLDIMETHYLENE)BIS(((2-HYDROXYCYCLOHEXYL)METHYL)DIMETHYL-, DIBROMIDE, DIACETATE
UPDT:8311 CAS: 28120-80-1 MW: 718.66 MOLFM: C32-H50-N2-O6 2Br
TOXICITY DATA AND REFERENCES:
3F18J22J30 ipr-mus LD50:32 mg/kg — EJPHAZ 8,127,69

BS5338620 AMMONIUM, (TEREPHTHALOYLDIMETHYLENE)BIS(((2-HYDROXYCYCLOHEXYL)METHYL)DIMETHYL-, DIBROMIDE, DIBENZOATE
UPDT:8311 CAS: 28003-39-6 MW: 842.80 MOLFM: C42-H54-N2-O6 2Br
TOXICITY DATA AND REFERENCES:
3F18J22J30 ipr-mus LD50:16100 ug/kg — EJPHAZ 8,127,69
AMMONIUM TETRACHLOROPLATINATE see: TP1840000

BS5950000 AMMONIUM, TETRAETHYL-, BROMIDE
UPDT:8305 CAS: 71-91-0 MW: 210.20 MOLFM: C8-H20-N Br
SYN: BEPARON * ETAMBRO * ETYLON * SYMPATERTOMAN * TEA * TEAB * TETRAETHYL AMMONIUM BROMIDE * USAF DO-32 * TETRYLAMMONIUM BROMIDE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 50 mmol/L — CBINA8 19,197,77
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:108 mg/kg — PHMGBN 21,256,80
ipr-mus LD50:50 mg/kg — NTIS** AD277-689
* ivn-mus LD50:31 mg/kg — AIPTAK 105,271,56
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BS7366000 AMMONIUM, TETRAETHYL-, PERCHLORATE, dry
UPDT:8401 CAS: 2567-83-1 MW: 229.74 MOLFM: C8-H20-N Cl-O4
SYN: ETHANAMINIUM, N,N,N-TRIETHYL-, PERCHLORATE * TETRAETHYLAMMONIUM PERCHLORATE dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
AMMONIUM TETRAFLUOROBORATE see: BQ6100000
AMMONIUM TETRAFLUOROBORATE(1-) see: BQ6100000
AMMONIUM, TETRAMETHYL-, HYDROXIDE see: PA0875000

BS8250000 AMMONIUM, TETRAMETHYL-, PERCHLORATE
UPDT:8307 CAS: 2537-36-2 MW: 229.74 MOLFM: C4-H12-N Cl-O4
SYN: METHANAMINIUM, N,N,N-TRIMETHYL-, PERCHLORATE (9CI) * TETRAMETHYLAMMONIUM PERCHLORATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg — CSLNX* NX#01268
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BS8530000 AMMONIUM, (3-THIENYL)TRIMETHYL-, IODIDE
UPDT:8405 MW: 269.16 MOLFM: C7-H12-N-S I
SYN: (3-THIENYL)TRIMETHYLAMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
3D28F17F19 ivn-mus LDLo:32 mg/kg — JMCMAR 9,254,66
AMMONIUMTHIOCYANATE see: XK7875000
AMMONIUM THIOCYANATE (DOT) see: XK7875000
AMMONIUM THIOSULFATE see: XN6465000
AMMONIUM THIOSULFATE (DOT) see: XN6465000

BS9255000 AMMONIUM, (m-TOLYL)TRIMETHYL-, IODIDE
UPDT:8212 MW: 277.17 MOLFM: C10-H16-N I
SYN: m-TOLYLTRIMETHYLAMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:125 mg/kg — JCSOA9 -,182,47

BEST COPY AVAILABLE

BS9255020 AMMONIUM, (p-TOLYL)TRIMETHYL-, IODIDE
UPDT:8312 MW: 277.17 MOLFM: C10-H16-N I
SYN: p-TOLYLTRIMETHYLAMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:180 mg/kg JCSOA9 -,182,47

BS9258000 AMMONIUM, (s-TRIAZINE-2,4,6-TRIYLTRIS(OXYETHYLENE))TRIS(BENZYLDIETHYL-, TRICHLORIDE
UPDT:8405 MW: 806.46 MOLFM: C42-H63-N6-O3 3Cl
SYN: 2,4,6-(beta-DIETHYLAMINOETHOXY)-1,3,5-TRIAZINE-TRIBENZYLCHLORIDE * (s-TRIAZINE-2,4,6-TRIYLTRIS(OXYETHYLENE))TRIS(BENZYLDIETHYLAMMONIUM CHLORIDE) * TRIS(beta-DIETHYLAMINOETHOXY)-1,3,5-TRIAZINE TRIBENZYLCHLORIDE * 2,4,6-TRIS(beta-DIETHYLAMINOETHOXY)-1,3,5-TRIAZINE TRIBENZOCHLORIDE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:5050 ug/kg JPMSAE 56,925,67
AMMONIUM, TRIETHYL(2-HYDROXYETHYL)-, BROMIDE, DICYCLOPENTYLACETATE (BCI) see: BR1210000

BT0370000 AMMONIUM, TRIETHYL(2-(2-PYRIDYL)ETHYL)-, IODIDE
UPDT:8311 CAS: 6893-33-0 MW: 334.28 MOLFM: C13-H23-N2 I
SYN: ND-12 * 2-PYRIDINEETHANAMINIUM, N,N,N-TRIETHYL-, IODIDE (9CI) * TRIETHYL(2-(2-PYRIDYL)ETHYL)AMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
2F23J22 ipr-mus LD50:144 mg/kg FATOAO 33,231,70

BT0435000 AMMONIUM TRIFLUOROSTANNITE
UPDT:7901 CAS: 15660-29-4 MW: 193.74 MOLFM: F3-Sn H4-N
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#00130
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

BT0732000 AMMONIUM, TRIMETHYLENEBIS((3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYL-, DIBROMIDE
UPDT:8306 MW: 839.69 MOLFM: C37-H44-Cl2-N4-S2 2Br
SYN: TRIMETHYLENEBIS((3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYLAMMONIUM BROMIDE) * TRIMETHYLENEBIS(CHLORPROMAZINE AMMONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg NEOLA4 29,215,82
AMMONIUM, TRIMETHYL(1-METHYL-2-PHENOTHIAZIN-10-YLETHYL)-, METHYL SULFATE see: SP0175000

BT2450000 AMMONIUM, TRIMETHYLPHENYL-, IODIDE
UPDT:8312 CAS: 98-04-4 MW: 263.14 MOLFM: C9-H14-N I
SYN: AMMONIUM, PHENYLTRIMETHYL-, IODIDE * BENZENAMINIUM, N,N,N-TRIMETHYL-, IODIDE (9CI) * N,N-DIMETHYLANILINE METHIODIDE * PHENYLTRIMETHYLAMMONIUM IODIDE * PHT * TRIMETHYLANILLINIUM IODIDE * N,N,N-TRIMETHYLANILINIUM IODIDE * TRIMETHYLPHENYLAMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:55 mg/kg UCPHAQ 2,161,44
* scu-mus LD50:85 mg/kg JCSOA9 -,182,47
* ivn-mus LD50:5620 ug/kg CSLNX* NX#02332
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BT2550000 AMMONIUM, TRIMETHYL(2-(2-PYRIDYL)ETHYL)-, IODIDE
UPDT:8311 CAS: 6893-37-4 MW: 292.19 MOLFM: C10-H17-N2 I
SYN: MD1 * 2-PYRIDINEETHANAMINIUM, N,N,N-TRIMETHYL-, IODIDE (9CI) * TRIMETHYL(2-(2-PYRIDYL)ETHYL)AMMONIUM IODIDE
TOXICITY DATA AND REFERENCES:
2F23J22 ipr-mus LD50:367 mg/kg FATOAO 33,231,70

BT2670000 AMMONIUM, TRIMETHYLTALLOW ALKYL-, CHLORIDES
UPDT:8401 CAS: 8030-78-2
SYN: ADOGEN 471 * ARQUAD T * ARQUAD T-50 * QUATERNARY AMMONIUM COMPOUNDS, TRIMETHYLTALLOW ALKYL-, CHLORIDE * (TALLOW)TRIMETHYLAMMONIUM CHLORIDE * N-TALLOW-TRIMETHYLAMMONIUM SURFACTANT
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate BECTA6 28,33,82
mmo-sat 50 ug/plate BECTA6 28,33,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BT2677000 AMMONIUM, TRIMETHYLTETRADECYL-, BROMIDE
UPDT:8406 CAS: 1119-97-7 MW: 336.47 MOLFM: C17-H38-N Br
SYN: MORPAN T * MYRISTYLTRIMETHYLAMMONIUM BROMIDE * MYTAB * QUATERNIUM 13 * 1-TETRADECANAMINIUM, N,N,N-TRIMETHYL-, BROMIDE (9CI) * TETRADECYLTRIMETHYLAMMONIUM BROMIDE * TETRADONIUM BROMIDE * TRIMETHYLMYRISTYLAMMONIUM BROMIDE * N,N,N-TRIMETHYL-1-TETRADECANAMINIUM BROMIDE * TRIMETHYLTETRADECYLAMMONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
1J30 ivn-rat LD50:15 mg/kg APTOA6 47,17,80
1J30 ivn-mus LD50:12 mg/kg APTOA6 47,17,80
AMMONIUM, TRIMETHYL(TETRAHYDRO-4-HYDROXY-5-METHYLFURFURYL)- see: QG3325000

BT3675000 AMMONIUM, TRIMETHYLVINYL-, BROMIDE
UPDT:8310 CAS: 10603-92-6 MW: 166.09 MOLFM: C5-H12-N Br
SYN: AMMONIUM, VINYLTRIMETHYL-, BROMIDE * ETHENAMINIUM, N,N,N-TRIMETHYL-, BROMIDE (9CI) * NEURINE BROMIDE * VINYLTRIMETHYLAMMONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:73 mg/kg JPETAB 25,315,25

BT3850000 AMMONIUM, TRIMETHYLVINYL-, HYDROXIDE
UPDT:8403 CAS: 463-88-7 MW: 103.19 MOLFM: C5-H12-N H-O
SYN: ETHENAMINIUM, N,N,N-TRIMETHYL-, HYDROXIDE (9CI) * NEIRINE * NEURIN * NEURINE * N,N,N-TRIMETHYLETHENAMINIUM HYDROXIDE * TRIMETHYL VINYL AMMONIUM HYDROXIDE * VINYLTRIMETHYLAMMONIUM HYDROXIDE * VITALOID
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:100 mg/kg HBAMAK 4,1289,35
scu-mus LDLo:46 mg/kg JPETAB 28,367,26
orl-rbt LDLo:90 mg/kg HBAMAK 4,1289,35
ipr-gpg LDLo:30 mg/kg HBAMAK 4,1289,35
AMMONIUM TRIOXALATOFERRATE(III) see: LJ8932000

BT4725000 AMMONIUM, TRIS(2-HYDROXYETHYL)(PHENYLMERCURIO)-, LACTATE
UPDT:8205 CAS: 23319-66-6 MW: 516.00 MOLFM: C12-H20-Hg-N-O3 C3-H5-O3
SYN: LACTIC ACID, TRIS(2-HYDROXYETHYL)(PHENYLMERCURI)AMMONIUM deriv. * LACTIC ACID, ion(1-), TRIS(2-HYDROXYETHYL)PHENYLMERCURIO)AMMONIUM * MERCURY(1+), (2,2',2''-NITRILOTRIETHANOL)PHENYL-, LACTATE (salt) (8CI) * PHENYLMERCURIC TRIETHANOLAMMONIUM LACTATE * PHENYLMERCURITRIETHANOLAMMONIUM LACTATE * PHENYLMERCURY TRIETHANOLAMINE LACTATE * PTAB * PURATIZED * PURATIZED AGRICULTURAL SPRAY * PURATIZEDAT AGRICULTURAL SPRAY * PURATIZED NSE * PURATURF * TRIS(2-HYDROXYETHYL)PHENYLMERCURIAMMONIUM LACTATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:30 mg/kg GUCHAZ 5,378,68
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AMMONIUM TRISULFIDE see: BS4027000
AMMONIUM VANADATE see: YW0875000

BT5100000 AMMONIUM VANADI-ARSENATE
UPDT:7901 MW: 515.92 MOLFM: H16-N4-O2 As2-O5 O5-V2
TOXICITY DATA AND REFERENCES:
2F07F12 scu-rat LDLo:34 mg/kg AJSNAO 1,347,17
3J25F07F12 ivn-rbt LDLo:6 mg/kg AJSNAO 1,347,17
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

BT5180000 AMMONIUM VANADO-ARSENATE
UPDT:7901 MW: 1388.78 MOLFM: H40-N10-O5 3As2-O5 4O4-V2
TOXICITY DATA AND REFERENCES:
2F07F12 scu-rat LDLo:246 mg/kg AJSNAO 1,347,17
3J25F07F12 ivn-rbt LDLo:75 mg/kg AJSNAO 1,347,17
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

BT5210000 AMMONIUM, VINYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIMETHYL-, DIIODIDE
UPDT:8308 CAS: 62055-17-8 MW: 540.28 MOLFM: C14-H30-N4-O2 2I
SYN: ETHANAMINIUM, 2,2'-((1,4-DIOXO-2-BUTENE-1,4-DIYL)DIIMINO)BIS(N,N,N-TRIMETHYL-, DIIODIDE * GC 64 * VINYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:20 mg/kg APFRAD 34,369,76

BT5220000 AMMONIUM, (VINYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(TRIMETHYL-, DIIODIDE
UPDT:8303 CAS: 17089-54-2 MW: 570.30 MOLFM: C16-H32-N2-O4 2I
SYN: 1,2-BIS(4-DIMETHYLAMINO-1',3-DIOXOLANYL-2')ETHYLENE DIMETHIODIDE * 1,3-DIOXOLANE-4-METHANAMINIUM, 2,2'-(1,2-ETHENEDIYL)BIS(N,N,N-TRIMETHYL-, DIIODIDE (9CI) * P 244 * (VINYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
1F:5 unk-mus LD50:6200 ug/kg PCJOAU 2,117,68

BT5230000 AMMONIUM, (VINYLENEBIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYL-, DIIODIDE
UPDT:8305 MW: 638.42 MOLFM: C24-H36-N2-O2 2I
SYN: (VINYLENEBIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD70:1300 ug/kg AIPTAK 93,46,53
AMMONIUM, VINYLTRIMETHYL-, BROMIDE see: BT3675000
o-AMINOBENZOYLCHOLINE IODIDE see: GA4350000
AMMONIUMYL, DIBUTYL-, HEXACHLOROSTANNATE(2-) (2:1) see: HR8110000
AMMONYX see: BO3150000
AMMONYX 4 see: BO7000000
AMMONYX 485 see: BO7000000
AMMONYX 490 see: BO7000000
AMMONYX 4002 see: BO7000000
AMMONYX CA SPECIAL see: BO7000000
AMMONYX CPC see: UU4900000
AMMONYX DME see: BQ5425000
AMMONYX LO see: JR6650000

BT5700000 AMMO-PHOS
UPDT:8408 CAS: 12735-97-6
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4900 mg/kg 85GMAT -,21,82
* orl-mus LD50:1930 mg/kg 85GMAT -,21,82
* orl-rbt LD50:3800 mg/kg 85GMAT -,21,82
AMMOPHYLLIN see: XH5600000
AMN see: SC1225000
AMNESTROGEN see: GL1224000
AMNICOTIN see: QS3675000
AMNOSED see: CQ2975000
AMNUCOL see: AZ5820000
AMOBARBITAL SODIUM see: CQ5250000
AMOBEN see: DG1925000
AMOCAINE see: DF7875000
AMOCO 1010 see: UD1842000
AMOCO 610A4 see: TQ3325000
AMOEBAL see: CF8400000
AMOENOL see: VC5075000
AMOGLANDIN see: UK8020000
AMOIL see: TI1930000
AMOKIN see: VB2360000
AMOLANONE see: DF7875000
AMOLIN see: XH8300000
AMONIAK (Polish) see: BO0875000
AMONYX AO see: JR6650000
AMOPENIXIN see: XH8300000
AMOPYROQUIN DIHYDROCHLORIDE see: GO7350000
AMORPHAN see: RC9275000
AMORPHOUS FUSED SILICA see: VV7320000
AMORPHOUS SILICA DUST see: VV7310000
AMOSCANATE see: NX9106000
AMOSENE see: TZ0175000
AMOSITE (OBS.) see: CI6475000
AMOSYT see: XH5082000
AMOTRIL see: UZ9480000
AMOTRIL S see: UE9480000
AMOTRIPHENE HYDROCHLORIDE see: BA7350000
AMOX see: QX0350000
AMOXAPINE see: HQ4025500
AMOXEPINE see: HQ4025500
AMOXI see: XH8300000
AMOXICILLIN see: XH8300000
AMOXIL see: XH8300000
AMOXIPEN see: XH8300000
AMOXONE see: AG6825000
AMOXYCILLIN see: XH8300000
AMP see: UA5950000
AMP see: AU7480500

BEST COPY AVAILABLE

3',5'-AMP see: AU7357600
A5MP see: AU7480500
5'-AMP see: AU7480500
AMP-95 see: UA5950000
S-AMP see: AU7480500
AMPAZINE see: SO7000000
AMPC see: XH8300000
AMP DISODIUM SALT see: AU7481600
5'-AMP DISODIUM SALT see: AU7481600

BT7878000 AMPELOCISSUS LATIFOLIA (Roxb.) Planch., extract
DEF: Indian plant belonging to the family VITACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

BT7879000 AMPELOCISSUS RUGOSA (Wall. ex Brandis) Planch., extract excluding roots
DEF: Indian plant belonging to the family VITACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:98750 ug/kg IJEBA6 18,594,80

AMPERIL see: XH8350000
AMPERIL see: XH8425000

BT7885000 AMPEVIT
UPDT:8309 CAS: 65666-64-0
TOXICITY DATA AND REFERENCES:
3L14P26P30 orl-mus LD50:21500 mg/kg VRDEA5 (2),54,78

AMPHAETAMIN see: SI1750000
AMPHAETEX see: SI1400000
AMPHAMED see: SI1750000
AMPHAMINE SULFATE see: SI1750000
AMPHATAMIN see: SI1750000
AMPHATE see: SI0875000
AMPHATE see: SI1750000
AMPHEDRINE see: SI1400000
AMPHEDRINE see: SI1750000
AMPHEDROXY see: SH5075000
AMPHEDROXYN see: SH5075000
AMPHENAZOLE HYDROCHLORIDE see: XJ4025000
AMPHENICOL see: AB6825000
AMPHENIDONE see: UV1146000
AMPHEREX see: SI1400000
AMPHETAMINE see: SH9000000
(+)-AMPHETAMINE see: SH9100000
d-AMPHETAMINE see: SH9100000
D-AMPHETAMINE see: SH9100000
dl-AMPHETAMINE see: SH9450000
(+)-AMPHETAMINE BITARTRATE see: SI1770000
d-AMPHETAMINE BITARTRATE see: SI1770000
AMPHETAMINE, 2,5-DIMETHOXY-4-METHYL-, HYDROCHLORIDE see: SH2445000
AMPHETAMINE, 3,5-DIMETHYL-4-HYDROXY-, HYDROCHLORIDE see: SH7725000
AMPHETAMINE HYDROCHLORIDE see: SH9798000
AMPHETAMINE PHOSPHATE see: SI0875000
dl-AMPHETAMINE PHOSPHATE see: SI0875000
AMPHETAMINE SULFATE see: SI1750000
(+)-AMPHETAMINE SULFATE see: SI1400000
d-AMPHETAMINE SULFATE see: SI1400000
dl-AMPHETAMINE SULFATE see: SI1750000
DL-AMPHETAMINE SULFATE see: SI1750000
(+-)-AMPHETAMINE SULFATE see: SI1750000
AMPHETAMINE SULPHATE see: SI1750000
(+)-AMPHETAMINE TARTRATE see: SI1770000
d-AMPHETAMINE TARTRATE see: SI1770000
AMPHETAMINIL see: AM1050000
dl-AMPHETAMINIL see: AM1050000
AMPHETAMINUM see: SI1750000
AMPHETANE PHOSPHATE see: SI0875000
AMPHETASUL see: SI1400000
AMPHEX see: SI1400000
AMPHEZAMIN see: SI1750000
AMPHIBOLE see: CI6475000
AMPHICOL see: AB6825000
AMPHINE see: BU2614000
AMPHISOL HYDROCHLORIDE see: XJ4025000
AMPHOCORTRIN CREAM see: BU2275000
AMPHODYN see: NJ6184000
AMPHODYNE see: NJ6184000
AMPHOIDS-S see: SI1750000
AMPHOJEL see: BD0940000
AMPHOMORONAL see: BU2625000

BU2275000 AMPHOMYCIN, CALCIUM deriv.
UPDT:8308 CAS: 1405-31-8
SYN: AMPHOCORTRIN CREAM * AMPHOMYCIN, CALCIUM SALT * CALCIUM AMPHOMYCIN
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:120 mg/kg ABANAE 2,1011,54/55

AMPHOMYCIN, CALCIUM SALT see: BU2275000
AMPHOS see: SI0875000
AMPHOTERACIN B see: BU2625000
AMPHOTERGE see: BU2614000
AMPHOTERGE K-2 see: BU2614000
AMPHOTERGE W-2 see: BU2614000

BU2614000 AMPHOTERIC-2
UPDT:8403
SYN: AMPHINE * AMPHOTERGE * AMPHOTERGE K-2 * AMPHOTERGE W-2 * 1-CARBOXYMETHYL-1-CARBOXYETHOXYETHYL-2-COCO-IMIDAZOLINIUM BETAINE * CARSONAM * DEHYTON * DERIPHAT * EMCOL * EMCOL CMCD * EXAMIDE CS * LONZAINE * MIRANOL C2M CONC * MIRANOL C2M CONC NP * MIRANOL C2M-SF CONC * REWOPON AM-2C * VELVETEX
IRRITATION DATA AND REFERENCES:
skn-hmn 60 mg/3D-I MLD 85DKA8 -,127,77
skn-rbt 10 mg/24H DCTODJ 1,305,78
eye-rbt 2 mg DCTODJ 1,305,78

BU2625000 AMPHOTERICIN B
UPDT:8406 CAS: 1397-89-3 MW: 924.21 MOLFM: C47-H73-N-O17
SYN: AMPHOMORONAL * AMPHOTERACIN B * AMPHOTERICINE B * AMPHOZONE * FUNGILIN * FUNGISONE * FUNGIZONE * IAB * IODOACETAMIDE * MYSTECLIN-F * TEGOPEN
MUTATION DATA AND REFERENCES:
sln-asn 500 ug/L MUREAV 79,169,80
dni-hmn:lym 10 umol/L STBIBN 50,97,75
oms-mus/oth 25 mg/kg CNREA8 40,939,80
dni-ham:lng 50 mg/L BBACAQ 652,266,81
oms-ham:lng 50 mg/L BBACAQ 652,266,81
spm-rbt-ivn 20 mg/kg/11D JRPFA4 7,13,64
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-dog TDLo:600 mg/kg (30D male) INURAQ 7,90,69
1T01 ivn-rbt TDLo:20 mg/kg (10D male) JRPFA4 7,13,64
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:11300 ug/kg NIIRDN 6,36,82
ipr-mus LD50:88 mg/kg SCIEAS 179,584,73
* ivn-mus LD50:4 mg/kg 85ERAY 2,1019,78
1M30 ivn-dog LD50:6 mg/kg BIOHAO 43,2043,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BU2640000 AMPHOTERICIN B, N-(beta-ALANYL)-, METHYL ESTER
UPDT:8306 MW: 1009.33 MOLFM: C51-H80-N2-O18
SYN: N-(beta-ALANYL)AMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:70 mg/kg JANTAJ 35,911,82

BU2643000 AMPHOTERICIN B, N-(DL-3-AMINOBUTYRYL)-, 2-PROPYNYL ESTER
UPDT:8306 MW: 1062.40 MOLFM: C54-H83-N3-O18
SYN: N-(DL-4-AMINOBUTYRYL)AMPHOTERICIN B 2-PROPYNYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:70 mg/kg JANTAJ 35,911,82

BU2647000 AMPHOTERICIN B, N-((2-AMINOETHYL)CARBAMOYL)-, METHYL ESTER
UPDT:8306 MW: 1024.35 MOLFM: C51-H81-N3-O18
SYN: N-((2-AMINOETHYL)CARBAMOYL)AMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg JANTAJ 35,911,82

BU2660000 AMPHOTERICIN B mixed with DEOXYCHOLIC ACID
UPDT:8411
SYN: AMPHOTERIN B mixed with DEOXYCHOLATE * DEOXYCHOLATE mixed with AMPHOTERIN B * DEOXYCHOLIC ACID mixed with AMPHOTERICIN B
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:5400 ug/kg ANTBAL 25,669,80
* ivn-mus LD50:2700 ug/kg ANTBAL 25,669,80

BU2665000 AMPHOTERICIN B, N-(D-2,4-DIAMINOBUTYRYL)-, METHYL ESTER
UPDT:8306 MW: 1038.38 MOLFM: C52-H83-N3-O18
SYN: N-(D-2,4-DIAMINOBUTYRYL)AMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:75 mg/kg JANTAJ 35,911,82

BU2665050 AMPHOTERICIN B, N-(DL-2,4-DIAMINOBUTYRYL)-, METHYL ESTER
UPDT:8306 MW: 1038.38 MOLFM: C52-H83-N3-O18
SYN: N-(DL-2,4-DIAMINOBUTYRYL)AMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg JANTAJ 35,911,82

BU2665100 AMPHOTERICIN B, N-(L-2,4-DIAMINOBUTYRYL)-, METHYL ESTER
UPDT:8306 MW: 1038.38 MOLFM: C52-H83-N3-O18
SYN: N-(L-2,4-DIAMINOBUTYRYL)AMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg JANTAJ 35,911,82

BU2665300 AMPHOTERICIN B, N-(D-2,4-DIAMINOBUTYRYL)-, 2-PROPYNYL ESTER
UPDT:8306 MW: 1062.40 MOLFM: C54-H83-N3-O18
SYN: N-(D-2,4-DIAMINOBUTYRYL)AMPHOTERICIN B 2-PROPYNYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:110 mg/kg JANTAJ 35,911,82

BU2665600 AMPHOTERICIN B, N-(D-3,6-DIAMINOHEXANOYL)-, METHYL ESTER
UPDT:8306 MW: 1066.44 MOLFM: C54-H87-N3-O18
SYN: N-(D-3,6-DIAMINOHEXANOYL)AMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg JANTAJ 35,911,82

BU2665700 AMPHOTERICIN B, N-(L-3,6-DIAMINOHEXANOYL)-, METHYL ESTER
UPDT:8306 MW: 1066.44 MOLFM: C54-H87-N3-O18
SYN: N-(L-3,6-DIAMINOHEXANOYL)AMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg JANTAJ 35,911,82

BU2667000 AMPHOTERICIN B, N-(DL-2,4-DIAMINOPROPIONYL)-, METHYL ESTER
UPDT:8306 MW: 1024.35 MOLFM: C51-H81-N3-O18
SYN: N-(DL-2,4-DIAMINOPROPIONYL)AMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:83 mg/kg JANTAJ 35,911,82

BU2680000 AMPHOTERICIN B, N-(N(sup 2),N(sup 6)-DIGLYCYL-D-LYSYL)-, METHYL ESTER
UPDT:8306 MW: 1178.54 MOLFM: C58-H91-N5-O20
SYN: N-(N(sup 2),N(sup 6)-DIGLYCYL-D-LYSYL)AMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg JANTAJ 35,911,82

BU2685000 AMPHOTERICIN B, N-(N-GLYCYLGLYCYL)-, METHYL ESTER
UPDT:8307 MW: 1052.36 MOLFM: C52-H81-N3-O19
SYN: N-(GLYCYLGLYCYL)AMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:90 mg/kg JANTAJ 35,911,82

BU2687000 AMPHOTERICIN B, N-GLYCYL-, METHYL ESTER
UPDT:8306 MW: 995.30 MOLFM: C50-H78-N2-O18
SYN: N-GLYCYLAMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:80 mg/kg JANTAJ 35,911,82

BU2690000 AMPHOTERICIN B, N-HISTIDYL-, METHYL ESTER
UPDT:8306 MW: 1075.40 MOLFM: C54-H82-N4-O18
SYN: N-HISTIDYLAMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:65 mg/kg JANTAJ 35,911,82

BU2697000 AMPHOTERICIN B, N-D-LYSYL-, METHYL ESTER
UPDT:8306 MW: 1066.44 MOLFM: C54-H87-N3-O18
SYN: N-D-LYSYLAMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:38 mg/kg JANTAJ 35,911,82

BU2697100 AMPHOTERICIN B, N-L-LYSYL-, METHYL ESTER
UPDT:8306 MW: 1066.44 MOLFM: C54-H87-N3-O18
SYN: N-L-LYSYLAMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:38 mg/kg JANTAJ 35,911,82

BU2700000 AMPHOTERICIN B, METHYL ESTER
UPDT:8306
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:75 mg/kg JPMSAE 64,462,75

BU2811000 AMPHOTERICIN B, N-D-ORNITHYL-, METHYL ESTER
UPDT:8306 MW: 1052.41 MOLFM: C53-H85-N3-O18
SYN: N-D-ORNITHYLAMPHOTERICIN B METHYL ESTER * SCH 28191
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:45 mg/kg JANTAJ 35,911,82

BU2811100 AMPHOTERICIN B, N-L-ORNITHYL-, METHYL ESTER
UPDT:8306 MW: 1052.41 MOLFM: C53-H85-N3-O18
SYN: N-L-ORNITHYLAMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:28 mg/kg JANTAJ 35,911,82

BEST COPY AVAILABLE

BU2812000 AMPHOTERICIN B, N-D-ORNITHYL-, 3-PHENYL-2-PROPYNYL ESTER
UPDT:8306 MW: 1152.53 MOLFM: C61-H89-N3-O18
SYN: N-D-ORNITHYLAMPHOTERICIN B 3-PHENYL-2-PROPYNYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg JANTAJ 35,911,82

BU2813000 AMPHOTERICIN B, N-D-ORNITHYL-, 2-PROPYNYL ESTER
UPDT:8306 MW: 1076.43 MOLFM: C55-H85-N3-O18
SYN: N-D-ORNITHYLAMPHOTERICIN B 2-PROPYNYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:75 mg/kg JANTAJ 35,911,82

BU2840000 AMPHOTERICIN B, N-D-TRYPTOPHYL-, METHYL ESTER
UPDT:8306 MW: 1122.45 MOLFM: C59-H83-N3-O18
SYN: N-D-TRYPTOPHYLAMPHOTERICIN B METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:90 mg/kg JANTAJ 35,911,82

AMPHOTERICINE B see: BU2625000
AMPHOTERIN B mixed with DEOXYCHOLATE see: BU2660000
AMPHOZONE see: BU2625000
AMPI-BOL see: XH8350000
AMPICHEL see: XH8425000
AMPICILLIN see: XH8350000
D-AMPICILLIN see: XH8350000
D-(-)-AMPICILLIN see: XH8350000
AMPICILLIN A see: XH8350000
AMPICILLIN ACID see: XH8350000
AMPICILLIN ANHYDRATE see: XH8350000
AMPICILLIN PIVALOYLOXYMETHYL ESTER HYDROCHLORIDE see: XH8450000
AMPICILLIN SODIUM see: XH8400000
AMPICILLIN SODIUM SALT see: XH8400000
AMPICILLIN TRIHYDRATE see: XH8425000
AMPICIN see: XH8350000
AMPIKEL see: XH8350000
AMPIKEL see: XH8425000
AMPIMED see: XH8350000
AMPINOVA see: XH8425000
AMPIN-PENICILLIN see: XH9450000
AMPIPENIN see: XH8350000
AMPLIACTIL see: SN8925000
AMPLIACTIL MONOHYDROCHLORIDE see: SO1750000
AMPLICITIL see: SN8925000
AMPLIGRAM see: UU3675000
AMPLIN see: XH8425000
AMPLISOM see: XH8350000
AMPLITAL see: XH8350000
AMPLIVIX see: OB1835000
AMP (NUCLEOTIDE) see: AU7480500
AMPOL C 60 see: UD1842000
AMPROLIUM see: TJ7560000
AMPROLIUM CHLORIDE see: TJ7560000
AMPROTROPINE PHOSPHATE see: YM8400000
AMPROVINE see: TJ7560000
AMPTRAREX see: SI1400000
AMPY-PENYL see: XH8350000
AMPYRONE see: CD2480000
AMPYROX see: YM3675000
AMR see: VG9820000
AMRINONE see: DW2500000
AMROOD, extract (Indian) see: UO1760000 PSIDIUM GUAJAVA Linn., extract excluding roots
AMRUD EXTRACT (Indian) see: OP7140000
AMS see: WO6125000
AMSA see: PB1080000
m-AMSA see: PB1080000
o-AMSA see: PB0505000
AMSALI EXTRACT (Indian) see: PY4620000
AMSCO see: ZE2190000
AMSCO TETRAMER see: UD1950000
AMSEBARB see: CQ5250000
AMSECLOR see: AB6825000
AMSONIC ACID see: WJ6603000
AMSTAT see: GU8400000
AMSUSTAIN see: SI1400000
AMSUSTAIN see: SH9100000
AMTHIO see: XK7875000
AMUDANE see: WG9800000
AMUNO see: NL3500000
AMYCAZOLUM see: DL3580000
AMYDRICAINE see: EL2350000
AMYDRICAINE HYDROCHLORIDE see: EL2380000
AMYL ACETATE see: AJ1925000
n-AMYL ACETATE see: AJ1925000
sec-AMYL ACETATE see: AJ2100000
AMYL ACETATE (DOT) see: AJ1925000
AMYL ACETIC ESTER see: AJ1925000
AMYL ACETIC ETHER see: AJ1925000
AMYL ACID PHOSPHATE (DOT) see: TC6700000
AMYL ALCOHOL see: SB9800000
n-AMYL ALCOHOL see: SB9800000
sec-AMYL ALCOHOL see: SA4900000
tert-AMYL ALCOHOL see: SC0175000
n-AMYL ALCOHOL (DOT) see: SB9800000
sec-AMYL ALCOHOL (DOT) see: SA4900000
tert-AMYL ALCOHOL (DOT) see: SC0175000
AMYL ALCOHOL, NORMAL see: SB9800000
AMYL ALDEHYDE see: YV3600000
n-AMYLALKOHOL (Czech) see: SB9800000
AMYLAMINE (mixed isomers) see: SC0350000
AMYLAMINE (DOT) see: SC0350000
iso-AMYLAMINE see: UI1100000 PROPYLAMINE, 1,2-DIMETHYL-
n-AMYLAMINE HYDROCHLORIDE see: SC1050000
AMYLARSINE see: CG7350000
AMYLAZETAT (German) see: AJ1925000
5-n-AMYL-1:2-BENZANTHRACENE see: CX2800000
AMYL BENZOATE see: DH3078000
AMYL BENZOATE see: DH6276000
1-AMYLBIGUANIDE MONOHYDROCHLORIDE see: DU2090000
AMYL BUTYRATE see: ET5956000
n-AMYL BUTYRATE see: ET5956000
n-AMYL BUTYRATE (DOT) see: ET5956000
tert-AMYL BUTYRATE (DOT) see: ET5950700
gamma-n-AMYLBUTYROLACTONE see: LU3675000
AMYLCARBINOL see: MQ4025000
AMYL CHLORIDE see: RZ9865000
n-AMYL CHLORIDE see: RZ9865000
AMYL CHLORIDE (DOT) see: RZ9865000
AMYL CINNAMIC ACETATE see: GE2350000
AMYLCINNAMALDEHYDE see: GD6825000
alpha-AMYL CINNAMALDEHYDE see: GD6825000
AMYL CINNAMYLIDENE METHYL ANTHRANILATE see: CB2557000
alpha-AMYLCINNAMIC ALCOHOL see: MJ3280000
AMYL CINNAMIC ALDEHYDE see: GD6825000
alpha-AMYL CINNAMIC ALDEHYDE see: GD6825000
alpha-AMYLCINNAMYL ALCOHOL see: MJ3280000
6-n-AMYL-m-CRESOL see: GP3100000
4-tert-AMYLCYCLOHEXANONE see: GW1960000
AMYLCYCLOHEXYL ACETATE (mixed isomers) see: GW0690000
AMYLEINE see: EL2800000
AMYLENE see: EM7650000
AMYLENE see: SB2179000
tert-AMYLENE see: EM7520000
AMYLENE (DOT) see: EM7650000
AMYLENE, normal (DOT) see: SB2179000
AMYLENECHLORAL see: KL9950000
2,4-AMYLENEGLYCOL see: SA0490000
AMYLENE HYDRATE see: SC0175000
AMYLETHYLCARBINOL see: RH0855000
AMYL ETHYL KETONE see: RH1485000
AMYLETHYLMETHYLCARBINOL see: RH1405000
n-AMYL FORMATE see: LQ9370000
AMYL FORMATE (DOT) see: LQ9370000
tert-AMYL FORMATE (DOT) see: SC0220000
n-AMYLHYDRAZINE HYDROCHLORIDE see: MV8350000
AMYL HYDRIDE (DOT) see: RZ9450000
t-AMYL HYDROPEROXIDE see: SC3067000
tert-AMYL HYDROPEROXIDE see: SC3067000
AMYL HYDROSULFIDE see: SA3150000
AMYL 4-HYDROXYBENZOATE see: DH2555000
3-AMYL-1-HYDROXY-6,6,9-TRIMETHYL-6H-DIBENZO(b,d)PYRAN see: HP8575000
AMYL IODIDE see: SA2975600 PENTANE, 1-IODO-
AMYLISOEUGENOL see: DA5350000
AMYL MERCAPTAN see: SA3150000
n-AMYL MERCAPTAN see: SA3150000
AMYL MERCAPTAN (DOT) see: SA3150000
6-AMYLMERCAPTOPURINE see: UO9053000
AMYL METHYL CARBINOL see: MJ2975000
AMYL-METHYL-CETONE (French) see: MJ5075000
AMYL METHYL KETONE see: MJ5075000
n-AMYL METHYL KETONE see: MJ5075000
AMYL METHYL KETONE (DOT) see: MJ5075000
N-AMYL-N-METHYLNITROSAMINE see: SC1225000
6-AMYL-MP see: UO9053000
AMYL NITRATE see: QV0600000
AMYL NITRATE (DOT) see: QV0600000
AMYL NITRITE see: RA1140000
n-AMYL NITRITE see: RA1140000
AMYL NITRITE (DOT) see: RA1140000
n-AMYLNITROSOUREA see: YT9720000
1-AMYL-1-NITROSOUREA see: YT9720000
AMYLOBARBITONE, SODIUM DERIV see: CQ5250000
AMYLOCAINE see: EL2800000
AMYLOCAINE HYDROCHLORIDE see: EL2850000
AMYLOFENE see: CQ6825000
AMYLOL see: SB9800000
AMYLOMAIZE VII see: GM5090000
AMYLOWY ALKOHOL (Polish) see: EL5425000
AMYLOXYISOEUGENOL see: DA5350000
tert-AMYL PEROXY-2-ETHYLHEXANOATE, technical pure (DOT) see: SE0540000
tert-AMYL PEROXYNEODECANOATE, with at least 25% phlegmatizer (DOT) see: SE0780000
tert-AMYL PEROXYPIVALATE, maximum concentration 77% in solution (DOT) see: SE0980000
p-tert-AMYLPHENOL see: SM6825000
2-sec-AMYLPHENOL see: SM6700000
4-n-AMYLPHENOL see: SM6750000
4-sec-AMYLPHENOL see: SM6800000
AMYL PHENOL 4T see: SM6825000
4-tert-AMYLPHENOL see: SM6825000
alpha-AMYL-beta-PHENYLACROLEIN see: GD6825000
alpha-n-AMYL-beta-PHENYLACRYL ACETATE see: GE2350000
4-AMYL-1-PHENYL-3,5-DIOXOPYRAZOLIDINE see: UQ8667000
3-sec-AMYLPHENYL N-METHYLCARBAMATE see: FC3500000
2-AMYL-3-PHENYL-2-PROPEN-1-OL see: MJ3280000
AMYL PHTHALATE see: TI1930000
AMYL POTASSIUM XANTHATE see: FG1581900
AMYL SULFHYDRATE see: SA3150000
1-(AMYLSULFONYL)AZIRIDINE see: CM8325000
AMYL THIOALCOHOL see: SA3150000
AMYLTRICHLOROSILANE see: VV4725000
AMYL TRICHLOROSILANE (DOT) see: VV4725000
AMYLTRIETHOXYSILANE see: VV4750000
AMYLTRIMETHOXYSILANE see: VV4805000
AMYLUM see: GM5090000
AMYL-delta-VALEROLACTONE see: UQ1355000
AMYLVINYLCARBINOL see: RH3300000
AMYL VINYL CARBINOL ACETATE see: RH3320000
AMYL VINYL CARBINYL ACETATE see: RH3320000

BV3325000 AMYRIS OIL
UPDT:8305 CAS: 8015-65-4
SYN: OILS, AMYRIS * WEST INDIAN SANDALWOOD OIL
TOXICITY DATA AND REFERENCES:
3D35F19F24 orl-rat LD50:4540 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AMYSYL see: DD2800000
AMYTAL SODIUM see: CQ5250000
AMYTRIPTILINE see: HO9275000
AMYZYL see: DD2800000
AN see: AD7350000
AN 1 see: AM1050000
AN 1 (pharmaceutical) see: AM1050000

BEST COPY AVAILABLE

6-AN see: US4550000
AN-64 see: YR7550000
AN-148 see: MJ6130000
AN 1041 see: TM7810000
AN 1324 see: DB1290000
A 1030NO see: TQ9800000
ANA see: QJ0875000
6-ANA see: US4550000
ANABACTYL see: ON9105000
ANABASAMINE see: BV4299600

BV4299600 ANABASAMINE, (+)-
UPDT:8403 CAS: 20410-87-1 MW: 253.38 MOLFM: C16-H19-N3
SYN: ANABASAMINE * (-)-ANABASAMINE * 2,3'-BIPYRIDINE, 5-(1-METHYL-2-PIPERIDINYL)-, (+)- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T35T41 orl-rbt TDLo:290 mg/kg (1-29D preg) UZBZAZ 3,52,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
(+)-ANABASAMINE see: BV4299600
ANABASIN see: BV4375000
(-)-ANABASIN see: BV4375000

BV4375000 ANABASINE
UPDT:8411 CAS: 494-52-0 MW: 162.26 MOLFM: C10-H14-N2
SYN: ANABASIN * (-)-ANABASIN * ANABAZIN * NEONICOTINE * NEONIKOTIN * PIPERIDINE, 2-(3-PYRIDYL)- * L-3-(2 -PIPERIDYL)PYRIDINE * PYRIDINE, 3-(2-PIPERIDYL)- * 3-(2-PIPERIDINYL)PYRIDINE * 2-(3'-PYRIDYL) PIPERIDINE * (-)-2-(3'-PYRIDYL)PIPERIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T46 orl-pig TDLo:20800 ug/kg (30-37D preg) TJADAB 30,61,84
TOXICITY DATA AND REFERENCES:
orl-dog LDLo:50 mg/kg JPETAB 48,95,33
ivn-dog LDLo:3 mg/kg JPETAB 48,95,33
ivn-rbt LDLo:1 mg/kg JPETAB 48,95,33
skn-gpg LDLo:290 mg/kg JPETAB 48,95,33
scu-gpg LDLo:10 mg/kg JPETAB 48,95,33
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV4550000 ANABASINE, 1-NITROSO-
UPDT:8401 CAS: 1133-64-8 MW: 191.26 MOLFM: C10-H13-N3-O
SYN: NAB * N-NITROSOANABASINE * 1 NITROSOANABASINE * N'-NITROSOANABASINE * N-NITROSO-2-(3'-PYRIDYL)PIPERIDINE * PYRIDINE, 3-(1-NITROSO-2-PIPERIDINYL)-, (S)- (9CI)
TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:6000 mg/kg/50W-I BJCAAI 18,265,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANABAZIN see: BV4375000
ANABIOL see: KG7885000
ANABOLEEN see: BV8052000
ANABOLEX see: BV8052000
ANABOLIN see: BV8000000
ANABOLIT see: BV8380900 ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE
ANAC 110 see: GL5325000

BV4720000 ANACARCIN FORTE
DEF:A commercial preparation prepared from the nuts of SEMECARPUS ANACARDIUM (IJMRAQ 77,902,83)
UPDT:8408
TOXICITY DATA AND REFERENCES:
" orl-rbt LDLo:8 gm/kg IJMRAQ 77,902,83
" par-rbt LDLo:1 gm/kg IJMRAQ 77,902,83
ANACARDONE see: QS4375000
ANACEL see: DG4900000
ANACOBIN see: GG3750000
ANACORDONE see: QS4375000
ANADOLOR see: DG2275000
ANADOMIS GREEN see: GB6475000
ANADONIS GREEN see: GB6475000
ANADREX see: SH4900000
ANADROL see: BV8060000
ANADROYD see: BV8060000
ANAESTHETIC ETHER see: KI5775000
ANAFEBRINA see: CD2625000
ANAFLEX see: YU1610000
ANAFLON see: AE4200000
ANAFRANIL see: HN9055000
ANAFRANIL see: HN9050000

BV5611800 ANAGALLIS ARVENSIS Linn., extract
DEF:Indian plant belonging to the family PRIMULACEAE (IJEBA6 9,91,71)
UPDT:8411
SYN: KRISHNA-NEEL EXTRACT
TOXICITY DATA AND REFERENCES:
1G08 ipr-rat LD50:20 mg/kg IJEBA6 16,228,78
2H30M10 ipr-mus LD50:50 mg/kg IJEBA6 9,91,71
ANAGESTONE ACETATE mixed with MESTRANOL (10:1) see: TU5540000
ANAGIARDIL see: NI5600000
ANAHIST see: UV8750000
ANALEPTIN see: DO7350000
ANALGESINE see: CD2450000
ANALGIN see: PB1300000
ANALGIZER see: KN7820000
(D-ANA(sup 6))-LHRH see: OK6441000
O-ANALOG of DIMETHOATE see: TF8050000
(D-ANA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6441000
ANALUX see: AG0430000
ANAMENTH see: KX4550000
ANAMID see: VN6475000

BV6130000 ANAMIRTA COCCULUS Wt. & Arn., extract excluding roots
DEF:Indian plant belonging to the family MENISPERMACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10V30 ipr-mus LD50:125 mg/kg IJEBA6 15,208,77

BV6200000 ANANAS COMOSUS L., unripe fruit extract
DEF:Indian plant having antifertility activity (IJEBA6 14,623,75)
UPDT:8402
SYN: PINEAPPLE, unripe fruit extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:300 mg/kg (14-16D preg) IJEBA6 14,623,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANANSIOL see: SC5075000
ANAPAC see: AM4375000

BV6347500 ANAPHALIS CONTORTA (Hook. f.), extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

BV6347700 ANAPHALIS NUBIGENA DC., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
2H02N22 ipr-rat LD50:450 mg/kg IJEBA6 16,228,78

BV6348000 ANAPHALIS TRIPLINERVIS Clarke, extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74
ANAPHRANIL see: HN9055000
ANAPOLON see: BV8060000
ANAPRAL see: ZG0700000
ANAPREL see: ZG0700000
ANAPRILIN see: UB7525000
ANAPRIME see: TU3832000
ANARA see: SI1750000
ANARCON see: QC7700000
ANASAMITOCIN P-3 see: OQ2291000
ANASCLEROL see: YY8575000
ANASTERON see: BV8060000
ANASTERONAL see: BV8060000
ANASTERONE see: BV8060000
ANASTRESS see: TZ0175000

BV6495000 ANATABINE
UPDT:8405 CAS: 581-49-7 MW: 160.24 MOLFM: C10-H12-N2
SYN: (-)-ANATABINE * 2,3'-BIPYRIDINE, 1,2,3,6-TETRAHYDRO-, (S)- (9CI)
MUTATION DATA AND REFERENCES:
sce-ham:ovr 250 mg/L MUREAV 124,281,83
(-)-ANATABINE see: BV6495000
ANATENSIN see: TZ1225000
ANATENSOL see: TL9730000
ANATHYLMON see: TZ0175000
ANATOLA see: VH6750000
ANATOLA A see: VH6750000

BV6595000 ANATOXIN, STAPHYLOCOCCAL
UPDT:8401
SYN: STAPHYLOCOCCAL ANATOXIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 unk-rat TDLo:150 mg/kg (9-14D preg) FATOAO 45,83,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANATRAN see: DK8925000
ANATRAN see: OB2275000
ANATROPIN mixed with MESTRANOL (10:1) see: TU5540000
ANAUTINE see: XH5082000
ANAVAR see: RN6800700
ANAYODIN see: VC2800000
ANAYODIN see: WB6475001
ANAZOLENE, SODIUM see: QJ6300000
ANC 113 see: TN4750000
ANCEF see: XI0390000
ANCHOIC ACID see: CM1980000
ANCHRED STANDARD see: NO7400000
ANCILLIN see: XH8575000
ANCITABINE see: LV2610000
ANCITABINE HYDROCHLORIDE see: LV2615000
ANCOBON see: HA6040000
ANCOLAN see: TL1970000
ANCOLON see: TL1970000
ANCORTONE see: TU415410C
ANCOTIL see: HA6040000
ANCYLOL see: SL0750000
ANCYMIDOL see: UV9280000
ANCYTABINE see: LV2610000
ANDAKSIN see: TZ0175000
ANDANTOL see: UU8568000
ANDAXIN see: TZ0175000
ANDERE see: DU1135000
ANDHIST see: UV8750000

BV7420000 ANDIRA SURINAMENSIS, flower or leaf extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:125 mg/kg CPBTAL 13,882,65

BV7430000 ANDRACHNE CORDIFOLIA Muell.-Arg., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: BHUTYA EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73
ANDRAMINE see: XH5082000
ANDRANE see: FJ1670000
ANDRAZIDE see: NS1750000
ANDREZ see: WL6478000
ANDROCTONUS AENAS AENAS VENOM see: YX4182900
ANDROCTONUS AMOREUXI VENOM see: YX4182950
ANDROCTONUS AUSTRALIS HECTOR VENOM see: YX4183100
ANDROCTONUS AUSTRALIS VENOM see: YX4183000
ANDROCTONUS CRASSICAUDA VENOM see: YX4183150
ANDRODIOL see: BV8100000
ANDROFLUORENE see: BV8390000
ANDROFLUORONE see: BV8390000
ANDROFURAZANOL see: BV8061000
ANDROGEN see: XA3115000

BV7562000 ANDROGRAPHIS ECHIOIDES (Linn.) Nees, extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

BV7564500 ANDROGRAPHIS PANICULATA Nees, leaf and stem extract
DEF:Jamaican plant belonging to the family ACANTHACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
" ipr-mus LDLo:20 gm/kg JPPMAB 14,556,62
ANDROISOSSAZOLO (Italian) see: BV8045500
ANDROISOXAZOLE see: BV8045500
ANDROLIN see: XA3030000
ANDROLONE see: BV8052000

BEST COPY AVAILABLE

delta(sup 10 (18))-ANDROMEDENOL see: PB9220000
ANDROMEDOL see: PB9190000
ANDROMEDOTOXIN see: PB9195000
ANDROMETH see: BV8400000
ANDRONAQ see: XA3030000

BV7940000 ANDROSACE SARMENTOSA Wall., extract
DEF Indian plant belonging to the family PRIMULACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:125 mg/kg IJEBA6 18,594,80
ANDROSAN see: BV8400000
ANDROSAN see: XA3115000
ANDROSAN (tablets) see: BV8400000

BV7985000 ANDROSTA-1,4-DIENE-2-CARBOXALDEHYDE, 11-alpha,17-beta-DIHYDROXY-17-METHYL-3-OXO-
UPDT:8408 CAS: 2454-11-7 MW: 344.49 MOLFM: C21-H28-O4
SYN: 11-alpha,17-beta-DIHYDROXY-17-METHYL-3-OXOANDROSTA-1,4-DIENE-2-CARBOXALDEHYDE * ESICLENE * FORMEBOLONE * FORMYLDIENOLONE * 2-FORMYL-11-alpha-HYDROXY-delta(sup 1)-METHYLTESTOSTERONE * 2-FORMYL-17-alpha-METHYLANDROSTA-1,4-DIENE-11-alpha,17-beta-DIOL-3-ONE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:104 mg/kg MEIEDD 10,606,83
* scu-rat LD50:270 mg/kg MEIEDD 10,606,83
* ipr-mus LD50:187 mg/kg MEIEDD 10,606,83
* scu-mus LD50:293 mg/kg MEIEDD 10,606,83

BV7988000 ANDROSTA-1,4-DIENE-3,17-DIONE
UPDT:8306 MW: 284.43 MOLFM: C19-H24-O2
SYN: 1,4-ANDROSTADIENE-3,17-DIONE * delta-1,4-ANDROSTADIENE-3,17-DIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 scu-rat TDLo:300 mg/kg (15-20D preg) ANENAG 17,118,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
delta-1,4-ANDROSTADIENE-3,17-DIONE see: BV7988000
1,4-ANDROSTADIENE-3,17-DIONE see: BV7988000

BV7988300 ANDROSTA-4,6-DIENE-3,17-DIONE
UPDT:8403 CAS: 633-34-1 MW: 284.43 MOLFM: C19-H24-O2
MUTATION DATA AND REFERENCES:
mma-sat 250 ug/disc CRNGDP 4,1179,83

BV7989000 ANDROSTA-1,4-DIENEDIONE, METHYLHYDROXY-
UPDT:8408 MW: 314.46 MOLFM: C20-H26-O3
SYN: METHYLHYDROXYANDROSTENEDIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 scu-rat TDLo:400 ug/kg (1D male) JRPFA4 19,247,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANDROSTA-2,5-DIENO(2,3-d)ISOXAZOL-17-OL, 4,4,17-TRIMETHYL-, (17-beta)- (9CI) see: BV7992000

BV7992000 ANDROSTA-2,5-DIENO(2,3-d)ISOXAZOL-17-beta-OL, 4,4,17-TRIMETHYL-
UPDT:8408 CAS: 13074-00-5 MW: 354.56 MOLFM: C23-H32-N-O2
SYN: ANDROSTA-2,5-DIENO(2,3-d)ISOXAZOL-17-OL, 4,4,17-TRIMETHYL-, (17 beta)- (9CI) * AZASTENE * ISOXAZOL * 4,4,17-alpha-TRIMETHYLANDROST-5-eNO(2,3-d)ISOXAZOL-17-OL * WIN 17625
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T29 orl-rat TDLo:6 mg/kg (10D preg) FESTAS 30,86,78
2T19N17 orl-rat TDLo:12 mg/kg (10D preg) FESTAS 30,86,78
1T27 orl-mky TDLo:500 mg/kg (26-30D preg) FESTAS 30,343,78
1T14 orl-mky TDLo:500 mg/kg (5D pre) FESTAS 30,343,78
1T22 orl-mky TDLo:4250 mg/kg (85D pre) FESTAS 30,343,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANDROSTA-4,6-DIEN-17-beta-OL-3-ONE see: BV7994500

BV7993000 ANDROSTA-1,4-DIEN-3-ONE, 17-beta,19-DIHYDROXY-, 19-ACETATE
UPDT:8302 MW: 344.49 MOLFM: C21-H28-O4
SYN: 17-beta,19-DIHYDROXYANDROSTA-1,4-DIEN-3-ONE 19-ACETATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-rat TDLo:1750 ug/kg (35D pre) RPHRA6 20,395,64
1T13 unk-rat TDLo:750 ug/kg (30D pre) RPHRA6 20,395,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV7994000 ANDROSTA-1,4-DIEN-3-ONE, 2,17-beta-DIHYDROXY-17-METHYL-
UPDT:8401 MW: 303.46 MOLFM: C19-H27-O3
SYN: 2,17-beta-DIHYDROXY-17-METHYLANDROSTA-1,4-DIEN-3-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV7994400 ANDROSTA-1,4-DIEN-3-ONE, 17-beta-HYDROXY-
UPDT:8405 MW: 286.45 MOLFM: C19-H26-O2
SYN: 17-beta-HYDROXYANDROSTA-1,4-DIEN-3-ONE * 17-beta-HYDROXY-17-alpha-1,4-ANDROSTADIEN-3-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T53 scu-rat TDLo:20 mg/kg (17-20D preg) AVBIB9 13,71,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANDROSTA-4,6-DIEN-3-ONE, 17-HYDROXY-, (17-beta)- (9CI) see: BV7994500

BV7994500 ANDROSTA-4,6-DIEN-3-ONE, 17-beta-HYDROXY-
UPDT:8312 CAS: 2484-20-2 MW: 286.45 MOLFM: C19-H26-O2
SYN: ANDROSTA-4,6-DIEN-17-beta-OL-3-ONE * ANDROSTA-4,6-DIEN-3-ONE, 17-HYDROXY-, (17 beta)- (9CI) * 6-DEHYDROTESTOSTERONE * 6,7-DEHYDROTESTOSTERONE * 17-beta-HYDROXYANDROSTA-4,6-DIEN-3-ONE * delta(sup 6)-TESTOSTERONE
MUTATION DATA AND REFERENCES:
mma-sat 250 ug/disc CRNGDP 4,1179,83
mma-sat 250 ug/disc CRNGDP 4,1179,83

BV7995000 ANDROSTA-1,4-DIEN-3-ONE, 17-beta-HYDROXY-, O-(2,4-DINITROPHENYL)OXIME
UPDT:8401 CAS: 33514-82-6 MW: 467.57 MOLFM: C25-H29-N3-O6
SYN: 17-beta-HYDROXYANDROSTA-1,4-DIEN-3-ONE O-(2,4-DINITROPHENYL)OXIME
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:80 mg/kg (9-12D preg) JMCMAR 20,1546,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANDROSTA-1,4-DIEN-3-ONE, 17-HYDROXY-17-METHYL-, (17-beta)- (9CI) see: BV8000000
ANDROSTA-1,4-DIEN-3-ONE, 17-beta-HYDROXY-17-METHYL- (8CI) see: BV8000000

BV8000000 ANDROSTA-1,4-DIEN-3-ONE, 17-beta-HYDROXY-17-alpha-METHYL-
UPDT:8405 CAS: 72-63-9
SYN: ABIBOL * ANABOLIN * ANDROSTA-1,4-DIEN-3-ONE, 17-HYDROXY-17-METHYL-, (17 beta)- (9CI) * ANDROSTA-1,4-DIEN-3-ONE, 17-beta-HYDROXY-17-METHYL- (8CI) * CIBA 17309 BA * COMPOUND 17309 * CREIN * DANABOL * DEHYDROMETHYLTESTERONE * A1-DEHYDROMETHYLTESTERONE * 1-DEHYDRO-17-alpha-METHYLTESTOSTERONE * DIANABOL * DIANABOLE * GEABOL * 17-beta-HYDROXY-17-alpha-METHYLANDROSTA-1,4-DIEN-3-ONE * M.A. * METANABOL * METANDIENON * METANDIENONE * METANDIENONUM * METANDROSTENOLON * METANDROSTENOLONE * METASTENOL * METHANDIENONE * METHANDROLONE * METHANDROSTENOLONE * 17-alpha-METHYL-17-beta-HYDROXY-1,4-ANDROSTADIEN-3-ONE * delta-17-METHYLTESTOSTERONE * delta(sup 1)-17-alpha-METHYLTESTOSTERONE * NEROBOL * NEROBOLETTES * NSC-42722 * PROTOBOLIN * STENOLON * STENOLONE
MUTATION DATA AND REFERENCES:
dlt-mus-orl 200 mg/kg 10D-I VPITAR (4),63,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 orl-man TDLo:13 mg/kg (60D male) CCPTAY 15,151,77
3T12T13T29 scu-rat TDLo:7 mg/kg (14D pre) CCPTAY 5,489,72
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-man TDLo:561 mg/kg/7Y-C LANCAO 2,1273,72
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANDROSTALONE see: BV8060050
ANDROSTANAZOL see: BV8065000
ANDROSTANAZOLE see: BV8065000
Salpha-ANDROSTAN-3alpha,17beta-DIOL, 2beta,16beta-DIPIPECOLINIO-, DIBROMIDE, DIACETATE see: TN4930000
Salpha-ANDROSTAN-3alpha,17beta-DIOL 16beta-PIPECOLINIO-2beta-PIPERIDINO-,BROMIDE,DIACETATE see: TN4875000

BV8044150 ANDROSTANE-2-alpha-CARBONITRILE, 4-alpha,5-alpha-EPOXY-17-beta-HYDROXY-4,17-DIMETHYL-3-OXO-
UPDT:8401 CAS: 71507-79-4 MW: 345.53 MOLFM: C21-H31-N-O3
SYN: 4-alpha,5-alpha-EPOXY-17-beta-HYDROXY-4,17-DIMETHYL-3-OXOANDROSTANE-2-alpha-CARBONITRILE * WIN 32729
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 orl-rat TDLo:48 mg/kg (10D preg) CCPTAY 24,289,81
1T27 orl-mky TDLo:35714 ug/kg (50-54D preg) CCPTAY 24,289,81
1T27 scu-mky TDLo:35 mg/kg (30D preg) CCPTAY 24,289,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANDROSTANE-2-CARBONITRILE, 4,5-EPOXY-17-HYDROXY-3-OXO-, (2-alpha,4-alpha,5-alpha,17-beta)- see: BV8044200

BV8044200 5-alpha-ANDROSTANE-2-alpha-CARBONITRILE, 4-alpha,5-EPOXY-17-beta-HYDROXY-3-OXO-
UPDT:8309 CAS: 13647-35-3 MW: 329.48 MOLFM: C20-H27-N-O3
SYN: ANDROSTANE-2-CARBONITRILE, 4,5-EPOXY-17-HYDROXY-3-OXO-, (2-alpha,4-alpha,5-alpha,17-beta)- * 4-alpha,5-EPOXY-17-beta-HYDROXY-3-OXO-5-alpha-ANDROSTANE-2-alpha-CARBONITRILE * (2-alpha,4-alpha,5-alpha,17-beta)-4,5-EPOXY-17-HYDROXY-3-OXOANDROSTANE-2-CARBONITRILE * TRILOSTANE * WIN 24450
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T09 orl-rat TDLo:1050 mg/kg (7D male) ARZNAD 33,754,83
1T27 orl-mky TDLo:5 mg/kg (25-29D preg) FESTAS 32,464,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8044300 ANDROSTANE-3-alpha,17-beta-DIOL
UPDT:8401 MW: 292.51 MOLFM: C19-H32-O2
SYN: 3-alpha,17-beta-ANDROSTANEDIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 scu-rat TDLo:160 mg/kg (14-21D preg) ENDOAO 94,979,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
3-alpha,17-beta-ANDROSTANEDIOL see: BV8044300

BV8044310 5-alpha-ANDROSTANE-3-alpha,17-beta-DIOL
UPDT:8405 MW: 292.51 MOLFM: C19-H32-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T53 ims-rat TDLo:8 mg/kg (13-20D preg) ENDOAO 99,1490,76
1T44 ims-rat TDLo:40 mg/kg (13-20D preg) ENDOAO 99,1490,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8044320 5-alpha-ANDROSTANE-3-beta,17-beta-DIOL
UPDT:8405 MW: 292.51 MOLFM: C19-H32-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T53 ims-rat TDLo:8 mg/kg (13-20D preg) ENDOAO 99,1490,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8044350 5-alpha-ANDROSTANE-3,17-DIONE, 2-alpha-BROMO-, 3-(O-(p-NITROPHENYL)OXIME)
UPDT:8401 CAS: 51354-25-9 MW: 503.49 MOLFM: C25-H31-Br-N2-O4
SYN: 2-alpha-BROMO-5-alpha-ANDROSTANE-3,17-DIONE 3-(O-(p-NITROPHENYL)OXIME)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:10 mg/kg (9-12D preg) JMCMAR 20,1546,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8044360 5-alpha-ANDROSTANE-3,17-DIONE, 2-alpha-CHLORO-, 3-(O-(p-NITROPHENYL)OXIME)
UPDT:8401 CAS: 51354-33-7 MW: 459.03 MOLFM: C25-H31-Cl-N2-O4
SYN: 2-alpha-CHLORO-5-alpha-ANDROSTANE-3,17-DIONE 3-(O-(p-NITROPHENYL)OXIME)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:10 mg/kg (9-12D preg) JMCMAR 20,1546,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8044370 5-alpha-ANDROSTANE-3,17-DIONE, 3-(O-(p-NITROPHENYL)OXIME)
UPDT:8401 CAS: 33510-45-1 MW: 424.59 MOLFM: C25-H32-N2-O4
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:20 mg/kg (9-12D preg) JMCMAR 20,1546,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROSTANE, 2,3-EPITHIO-17-((1-METHOXYCYCLOPENTYL)OXY)-, (2-alpha,3-alpha,5-alpha,17-beta) see: BV8044500

BV8044500 5-alpha-ANDROSTANE, 2-alpha,3-alpha-EPITHIO-17-beta-(1-METHOXYCYCLOPENTYLOXY)-
UPDT:8408 CAS: 21362-69-6 MW: 404.71 MOLFM: C25-H40-O2-S
SYN: ANDROSTANE, 2,3-EPITHIO-17-((1-METHOXYCYCLOPENTYL)OXY)-, (2-alpha,3-alpha,5-alpha,17-beta)- * CYCLOPENTANONE, 2-alpha,3-alpha-EPITHIO-5-alpha-ANDROSTAN-17-beta-YL METHYL ACETAL * 2-alpha,3-alpha-EPITHIO-17-beta-YL 1-METHOXYCYCLOPENTYL ETHER * MEPITIOSTANE * 103645
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-rat TDLo:8 mg/kg (10D male) JJPAAZ 24,551,74
1T02 orl-rat TDLo:175 mg/kg (35D male) OYYAA2 16,779,78
2T12T13 orl-rat TDLo:175 mg/kg (35D pre) OYYAA2 16,779,78
TOXICITY DATA AND REFERENCES:
3J30R03Y15 orl-hmn TDLo:400 ug/kg CANCAR 41,758,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
5-alpha-ANDROSTANE-17-alpha-METHYL-17-beta-OL-3-ONE see: BV8060050

BV8045500 5-alpha-ANDROSTANO(3,2-c)ISOXAZOL-17-beta-OL, 17-METHYL-
UPDT:8405 CAS: 360-66-7 MW: 329.53 MOLFM: C21-H31-N-O2
SYN: ANDROISOSSAZOLO (Italian) * ANDROSOXAZOLE * ANDROXAN * 17-beta-HYDROXY-17-alpha-METHYLANDROSTANO(3,2-c)ISOXAZOLE * 17-beta-IDROSSI-17-alpha-METILANDROSTANO(3,2-c)ISOSSAZOLO (Italian) * 17-alpha-METHYLANDROSTANO(3,2-c)ISOXAZOL-17-beta-OL * 17-METHYLANDROSTANO(3,2-c)ISOXAZOL-17-OL * NEO-PONDEN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:960 mg/kg FRPSAX 18,633,61

BV8045700 5-alpha-ANDROSTAN-17-beta-OL, 2-alpha,3-alpha-EPITHIO-, HYDRATE (4:1)
UPDT:8305 MW: 311.01 MOLFM: C19-H30-O-S · 1/4H2-O

BEST COPY AVAILABLE

SYN: 2'-alpha,3'-alpha-EPITHIO-5-alpha-ANDROSTAN-17-beta-OL HYDRATE (4:1)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1160 mg/kg — TYKEDH 8,107,77

ANDROSTANOLONE see: BV8052000

5-alpha-ANDROSTAN-3-alpha-OL-17-ONE see: BV8053000

5-alpha-ANDROSTAN-17-beta-OL-3-ONE see: BV8052000

ANDROSTANOLONE BENZOATE see: BV8058500

ANDROSTANOLONE PROPIONATE see: BV8060300

ANDROSTAN-3-beta-OL-16,17-PYRAZOLE see: BV8063000

BV8047600 ANDROSTAN-3-ONE, 17-(ACETYLOXY)-2-CHLORO-, 3-(O-(4-NITROPHENYL)OXIME), (2-alpha,5-alpha, 17-beta)-

UPDT:8305 CAS: 51354-31-5 MW: 503.09 MOLFM: C27-H35-Cl-N2-O5

SYN: 17-beta-ACETOXY-2-alpha-CHLORO-3-(p-NITROPHENOXYIMINO)-5-ANDROSTANE * 2-alpha-CHLORO-17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME ACETATE * NISTERIME ACETATE * ORF 9326

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 orl-rat TDLo:7 mg/kg (7-13D preg) — FEPRA7 36,342,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROSTAN-3-ONE, 17-(BENZOYLOXY)-, (5-alpha,17-beta)- (9CI) see: BV8058500

BV8047710 5-alpha-ANDROSTAN-3-ONE, 2-alpha-BROMO-17-beta-HYDROXY-, O-(p-NITROPHENYL)OXIME

UPDT:8401 CAS: 51354-36-8 MW: 505.51 MOLFM: C25-H33-Br-N2-O4

SYN: 2-alpha-BROMO-17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:10 mg/kg (9-12D preg) — JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8047720 5-alpha-ANDROSTAN-3-ONE, 2-BROMO-17-beta-HYDROXY-, O-(p-NITROPHENYL)OXIME, ACETATE (ester)

UPDT:8401 CAS: 33510-14-0 MW: 547.55 MOLFM: C27-H35-Br-N2-O5

SYN: 2-BROMO-17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME ACETATE (ester)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:10 mg/kg (9-12D preg) — JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8047730 5-alpha-ANDROSTAN-3-ONE, 2-alpha-CHLORO-17-beta-HYDROXY-, O-(p-NITROPHENYL)OXIME

UPDT:8401 CAS: 64584-59-4 MW: 461.05 MOLFM: C25-H33-Cl-N2-O4

SYN: 2-alpha-CHLORO-17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:30 mg/kg (9-12D preg) — JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8047750 ANDROSTAN-17-ONE, 16-((DIMETHYLAMINO)METHYLENE)-3-beta-HYDROXY-

UPDT:8401 MW: 345.58 MOLFM: C22-H35-N-O2

SYN: 16-DIMETHYLAMINOMETHYLENEANDROSTAN-3-beta-OL-17-ONE * 16-((DIMETHYLAMINO)METHYLENE)-3-beta-HYDROXYANDROSTAN-17-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rbt TDLo:5 mg/kg (1D pre) — ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROSTAN-3-ONE, 17-HYDROXY-, (5-beta,17-beta)- (9CI) see: BV8054000

ANDROSTAN-3-ONE, 17-HYDROXY-, (5-alpha,17-beta)- (9CI) see: BV8052000

BV8052000 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-

UPDT:8408 CAS: 521-18-6 MW: 290.49 MOLFM: C19-H30-O2

SYN: ANABOLEEN * ANABOLER * ANDROLONE * ANDROSTANOLONE * 5-alpha-ANDROSTAN-17-beta-OL-3-ONE * ANDROSTAN-3-ONE, 17-HYDROXY-, (5-alpha,17-beta)- (9CI) * CRISTERONA * DHT * DIHYDROTESTOSTERONE * 4-DIHYDROTESTOSTERONE * 5-alpha-DIHYDROTESTOSTERONE * 4,5-alpha-DIHYDROTESTOSTERONE * 17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE * NEODROL * PROTEINA * PROTONA * STANAPROL * STANOLONE

MUTATION DATA AND REFERENCES:

ipm-mml-par 12 mg/BW-I — JEZOAO 205,403,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 scu-rat TDLo:17500 ug/kg (350 pre) — RPHRA6 20,395,64

1T53 scu-rat TDL:160 mg/kg (14-21D preg) — ENDOAO 94,979,74

2T13T29 scu-rat TDLo:1400 ug/kg (14D pre) — CCPTAY 5,489,72

1T12 scu-rat TDLo:700 ug/kg (14D pre) — CCPTAY 5,489,72

2T44T53 ims-rat TDLo:80 mg/kg (13-20D preg) — ENDOAO 99,1490,76

1T12 par-rat TDLo:2500 ug/kg (10D pre) — JRPFA4 23,309,71

3T02T23T26 imp-rat TDLo:24 mg/kg (42D male) — FESTAS 35,691,81

1T13 unk-rat TDLo:150 mg/kg (30D pre) — RPHRA6 20,395,64

3T12T26T29 scu-mus TDLo:40 mg/kg (1D pre) — JRPFA4 62,21,81

2T13T19 scu-mus TDLo:40 mg/kg (10D pre) — ECJPAE 23,327,76

1T44 scu-mus TDLo:2 gm/kg (14D preg) — AAMMAU 63,63,74

1T13 scu-mus TDLo:24 mg/kg (3D preg) — FESTAS 20,211,89

1T02 imp-mky TDLo:3420 ug/kg (900 male) — INJFA3 19,133,74

1T24 scu-rbt TDLo:30 mg/kg (1-3D preg) — FESTAS 20,211,69

1T24 unk-rbt TDLo:1500 ug/kg (1-3D preg) — CCPTAY 2,85,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8053000 5-alpha-ANDROSTAN-17-ONE, 3-alpha-HYDROXY-

UPDT:8405 MW: 290.49 MOLFM: C19-H30-O2

SYN: ANDROSTANON-3-alpha-OL-17-ONE * 5-alpha-ANDROSTAN-3-alpha-OL-17-ONE * ANDROSTERONE * cis-ANDROSTERONE * 3-EPIHYDROXYETIOALLOCHOLAN-17-ONE * 3-alpha-HYDROXY-17-ANDROSTANONE * 3-alpha-HYDROXY-5-alpha-ANDROSTAN-17-ONE * 3-alpha-HYDROXYETIOALLOCHOLAN-17-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53 ims-rat TDLo:80 mg/kg (13-20D preg) — ENDOAO 99,1490,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8054000 5-beta-ANDROSTAN-3-ONE, 17-beta-HYDROXY-

UPDT:8401 CAS: 571-22-2 MW: 290.49 MOLFM: C19-H30-O2

SYN: ANDROSTAN-3-ONE, 17-HYDROXY-, (5-beta,17-beta)- (9CI) * 5-beta-DHT * 5-beta-DIHYDROTESTOSTERONE * ETIOCHOLANE-17-beta-OL-3-ONE * ETIOCHOLAN-17-beta-OL-3-ONE * 17-beta-HYDROXY-5-beta-ANDROSTAN-3-ONE

MUTATION DATA AND REFERENCES:

dni-hmn-lym 50 umol/L — PSEBAA 146,401,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T44T91 scu-mus TDLo:160 mg/kg (12-15D preg) — CNREAB 37,4456,77

TUMORIGENIC DATA AND REFERENCES:

2V02N60 scu-mus TDLo:240 mg/kg/3D-I — CNREAB 37,4456,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8058500 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, BENZOATE

UPDT:8306 CAS: 1057-07-4 MW: 394.60 MOLFM: C26-H34-O3

SYN: ANDROSTANOLONE BENZOATE * ANDROSTAN-3-ONE, 17-(BENZOYLOXY)-, (5-alpha,17-beta)-(9CI) * DIHYDROTESTOSTERONE BENZOATE * 5-alpha-DIHYDROTESTOSTERONE BENZOATE * ERMALONE * HERMALONE * SARCOSAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03 scu-rat TDLo:36 mg/kg (10D male) — ANENAG 17,118,56

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8058600 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, O-BENZYLOXIME

UPDT:8401 CAS: 64584-65-2 MW: 395.64 MOLFM: C26-H37-N-O2

SYN: 17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-BENZYLOXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:160 mg/kg (9-12D preg) — JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8058700 ANDROSTAN-3-ONE, 17-beta-HYDROXY-2-alpha-(HYDROXYMETHYL)-

UPDT:8401 MW: 321.53 MOLFM: C20-H33-O3

SYN: 17-beta-HYDROXY-2-alpha-(HYDROXYMETHYL)ANDROSTAN-3-ONE * 2-alpha-HYDROXYMETHYL-17-beta-HYDROXYANDROSTAN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T21T29 scu-rbt TDLo:500 ug/kg (1D pre) — ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROSTAN-3-ONE, 17-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL-, (5-alpha,17-beta)- (9CI) see: BV8060000

5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL- (8CI) see: BV8060000

BV8060000 5-alpha,17-beta-ANDROSTAN-3-ONE, 17-HYDROXY 2-(HYDROXYMETHYLENE)-17-METHYL-

UPDT:8412 CAS: 434-07-1 MW: 332.53 MOLFM: C21-H32-O3

SYN: ADROIDIN * ADROYD * ANADROL * ANADROYD * ANAPOLON * ANASTERON * ANASTERONA * ANASTERONE * ANDROSTAN-3-ONE, 17-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL-, (5-alpha,17-beta)- (9CI) * 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL- (8CI) * ANDROSTANO(2,3-d)(1,2,5)OXADIAZOL-17-OL, 17-METHYL-, (5-alpha,17-beta)- (9CI) * BECOREL * CI-406 * 4,5-DIMERIC-2-HYDROXYMETHYLENE-17-alpha-METHYLTESTOSTERONE * DYNASTEN * HMD * 17-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL-5-alpha,17-beta-ANDROST-3-ONE * 17-beta-HYDROXY-2-HYDROXYMETHYLENE-17-alpha-METHYL-3-ANDROSTANONE * 17-beta-HYDROXY-2-(HYDROXYMETHYLENE)-17-alpha-METHYL-5-alpha-ANDROSTAN-3-ONE * 17-beta-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL-5-alpha-ANDROSTAN-3-ONE * 2-HYDROXYMETHYLENE-17-alpha-METHYL-5-alpha-ANDROSTAN-17-beta-OL-3-ONE * 2-HYDROXYMETHYLENE-17-alpha-METHYL DIHYDROTESTOSTERONE * 2-(HYDROXYMETHYLENE)-17-alpha-METHYLDIHYDROTESTOSTERONE * 2-HYDROXYMETHYLENE-17-alpha-METHYL-17-beta-HYDROXY-3-ANDROSTANONE * METHABOL * 17-alpha-METHYL-2-HYDROXYMETHYLENE-17-HYDROXY-5-alpha-ANDROSTAN-3-ONE * NASTENON * NSC-26198 * OXIMETHOLONUM * OXIMETOLONA * OXITOSONA-50 * OXYMETHALONE * OXYMETHYMINOLONE * OXYMETHOLONE * PAVISOID * PLENASTRIL * PROTANABOL * ROBORAL * SYNASTERON * ZENALOSYN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53 orl-rat TDLo:20 mg/kg (17-20D preg) — ECJPAE 24,77,77

1T03 orl-rat TDLo:128 mg/kg (10D male) — JJPAAZ 24,551,74

1T25 scu-rat TDLo:150 mg/kg (7-12D preg) — STEDAM 18,731,71

2T12T29 scu-rat TDLo:28 mg/kg (14D pre) — CCPTAY 5,489,72

1T13 scu-rat TDLo:14 mg/kg (14D pre) — CCPTAY 5,489,72

1T24 scu-rbt TDLo:30 mg/kg (1-3D preg) — AJOGAH 117,167,73

TUMORIGENIC DATA AND REFERENCES:

2V01L60 orl-chd TDLo:270 mg/kg/9W-C — NEJMAG 296,1411,77

3V01L10L60 orl-man TDLo:2336 mg/kg/2Y-C — CANCAR 43,440,79

2V01L60 unk-chd TDLo:3050 mg/kg/3Y-I — JOPDAB 87,122,75

2V01L60 orl-chd TD 3735 mg/kg/3Y-C — LANCAO 2,1273,72

TOXICITY DATA AND REFERENCES:

1L14 orl-hmn TDLo:46 mg/kg/14W-I — JAMAAP 240,243,78

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: BIREBV 8,259,73

★ CARCINOGENIC REVIEW:HUMAN (INDEFINITE — IARC** 13,131,77

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8060010 ANDROSTAN-3-ONE, 17-beta-HYDROXY-2-(HYDROXYMETHYL)-17-alpha-METHYL-

UPDT:8401 MW: 318.55 MOLFM: C21-H34-O2

SYN: 17-beta-HYDROXY-2-(HYDROXYMETHYL)-17-alpha-METHYLANDROSTAN-3-ONE * 2-HYDROXYMETHYL-17-alpha-METHYL-17-beta-HYDROXYANDROSTAN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rbt TDLo:25 ug/kg (1D pre) — ACEDAB 73,3,63

1T21 scu-rbt TDLo:50 ug/kg (1D pre) — ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROSTAN-3-ONE, 17-HYDROXY-2-METHYL-, (2-alpha,5-alpha,17-beta)- see: BV8060020

BV8060020 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-2-alpha-METHYL-

UPDT:8411 CAS: 58-19-5 MW: 304.52 MOLFM: C20-H32-O2

SYN: ANDROSTAN-3-ONE, 17-HYDROXY-2-METHYL-, (2-alpha,5-alpha,17-beta)- * DIHYDRO-2-alpha-METHYLTESTOSTERONE * DROMOSTANOLONE * DROSTANOLONE * 17-beta-HYDROXY-2-alpha-METHYL-5-ALPHA-ANDROSTAN-3-ONE * MEDROSTERON * METHOLONE * 2-alpha-METHYLDIHYDROTESTOSTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 scu-mus TDLo:2 mg/kg (1D pre) — BSGRAA ,150,65

1T24 scu-rbt TDLo:30 mg/kg (1-3D preg) — AJOGAH 117,167,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROSTAN-3-ONE, 17-HYDROXY-17-METHYL-, (5-alpha,17-beta)- (9CI) see: BV8060050

BV8060050 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-17-METHYL-

UPDT:8401 CAS: 521-11-9 MW: 304.52 MOLFM: C20-H32-O2

SYN: ANDROSTALONE * 5-alpha-ANDROSTANE 17-alpha-METHYL-17-beta-OL-3-ONE * ANDROSTAN-3-ONE, 17-HYDROXY-17-METHYL-, (5-alpha,17-beta)- (9CI) * ASSIMIL * ERMALONE * 17-beta-HYDROXY-17-METHYL-5-alpha-ANDROSTAN-3-ONE * MESANOLON * MESTALONE * MESTANOLONE * METHYBOL * METHYLANTALON * METHYLDIHYDROTESTOSTERONE * 17-alpha-METHYLDIHYDROTESTOSTERONE * PREROIDE * TANTARONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53 scu-rat TDLo:160 mg/kg (14-21D preg) — ENDOAO 94,979,74

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1240 mg/kg — NIIRDN 6,817,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8060150 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-17-METHYL-, O-(p-NITROPHENYL)OXIME

UPDT:8401 CAS: 64584-51-6 MW: 440.64 MOLFM: C26-H36-N2-O4

SYN: 17-beta-HYDROXY-17-METHYL-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:160 mg/kg (9-12D preg) — JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8060160 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, O-METHYLOXIME

UPDT:8401 CAS: 64625-46-3 MW: 319.54 MOLFM: C20-H33-N-O2

SYN: 17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-METHYLOXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:160 mg/kg (9-12D preg) — JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8060210 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, O-(p-NITROPHENYL)OXIME

UPDT:8401 MW: 426.61 MOLFM: C25-H34-N2-O4

BEST COPY AVAILABLE

SYN: 17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:10 mg/kg (9-12D preg) JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8060230 5-beta-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, O-(p-NITROPHENYL)OXIME

UPDT:8401 CAS: 64584-72-1 MW: 426.61 MOLFM: C25-H34-N2-O4

SYN: 17-beta-HYDROXY-5-beta-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:160 mg/kg (9-12D preg) JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8060230 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, O-(p-NITROPHENYL)OXIME, ACETATE (ester)

UPDT:8401 CAS: 3351a-66-8 MW: 468.65 MOLFM: C27-H36-N2-O5

SYN: 17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME ACETATE (ester)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:10 mg/kg (9-12D preg) JMCMAR 20,1546,77

1T03 orl-rat TDLo:210 mg/kg (7D male) JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8060240 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, O-(p-NITROPHENYL)OXIME, HEPTANOATE (ester)

UPDT:8401 CAS: 64584-67-0 MW: 538.80 MOLFM: C32-H46-N2-O5

SYN: 17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME HEPTANOATE (ester)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:20 mg/kg (9-12D preg) JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8060250 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, O-(p-NITROPHENYL)OXIME, NITRATE (ester)

UPDT:8401 CAS: 64584-68-1 MW: 471.61 MOLFM: C25-H33-N3-O6

SYN: 17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME NITRATE (ester)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:160 mg/kg (9-12D preg) JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8060260 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, O-(4-NITRO-m-TOLYL)OXIME

UPDT:8401 CAS: 64584-61-8 MW: 440.64 MOLFM: C26-H36-N2-O4

SYN: 17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(4-NITRO-m-TOLYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:160 mg/kg (9-12D preg) JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8060270 5-beta-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, O-PHENYLOXIME

UPDT:8401 CAS: 64584-74-3 MW: 381.51 MOLFM: C25-H35-N-O2

SYN: 17-beta-HYDROXY-5-beta-ANDROSTAN-3-ONE O-PHENYLOXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:160 mg/kg (9-12D preg) JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8060300 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, PROPIONATE

UPDT:8408 CAS: 855-22-1 MW: 346.56 MOLFM: C22-H34-O3

SYN: ANDROSTANOLONE PROPIONATE * ANDROSTAN-3-ONE, 17-(1-OXOPROPOXY)-, (5-alpha,17-beta)- (9CI) * DHTP * DIHYDROTESTOSTERONE PROPIONATE * DIHYDROTESTOSTERONE 17-beta-PROPIONATE * 5-alpha-DIHYDROTESTOSTERONE PROPIONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T12T13 scu-rat TDLo:50 ug/kg (1D pre) JRPFA4 30,55,72

1T29 scu-rat TDLo:20 mg/kg (4D pre) BIREBV 20,384,79

2T02T03 scu-rat TDLo:3 gm/kg (6D male) JOENAK 51,241,71

1T91 scu-gpg TDLo:150 mg/kg (28-56D preg) HOBEAO 6,139,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, UNDECANOATE see: XA3119700

ANDROSTAN-3-ONE, 17-(1-OXOPROPOXY)-, (5-alpha,17-beta)- (9CI) see: BV8060300

ANDROSTANON-3-alpha-OL-17-ONE see: BV8053000

ANDROSTANO(2,3-c)(1,2,5)OXADIAZOL-17-OL, 17-METHYL-, (5-alpha,17-beta)- (9CI) see: BV8060000

BV8061000 5-alpha-ANDROSTANO(2,3-c)(1,2,5)OXADIAZOL-17-beta-OL, 17-METHYL-

UPDT:8403 CAS: 1239-29-8 MW: 330.52 MOLFM: C20-H30-N2-O2

SYN: ANDROFURAZANOL * DH 245 * FRAZALON * FURAZABOL * 17-beta-HYDROXY-17-alpha-METHYL-5-alpha-ANDROSTANO(2,3-c)FURAZAN * 17-METHYL-5-alpha-ANDROSTANO(2,3-c)(1,2,5)OXADIAZOL-17-beta-OL * 17-alpha-METHYL-5-alpha-ANDROSTANO(2,3-c)(1,2,5)OXADIAZOL-17-beta-OL * MIOTOLON * MYOTOLON

TOXICITY DATA AND REFERENCES:

orl-mus LD50:1731 mg/kg OYYAA2 3,187,69

ipr-mus LD50:494 mg/kg MEIEDD 10,613,83

BV8063000 ANDROSTANO(16,17)PYRAZOL-3-beta-OL

UPDT:8411 MW: 318.56 MOLFM: C20-H34-N2-O

SYN: ANDROSTAN-3-beta-OL-16,17-PYRAZOLE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T21T29 orl-rbt TDLo:1 mg/kg (1D pre) ACEDAB 73,17,63

2T21T29 scu-rbt TDLO:250 ug/kg (1D pre) ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8065000 1'H-ANDROSTANO(3,2-c)PYRAZOL-17-OL, 17-METHYL-, (5-alpha,17-beta)-

UPDT:8405 CAS: 302-96-5 MW: 328.55 MOLFM: C21-H32-N2-O

SYN: ANDROSTANAZOL * ANDROSTANAZOLE * 17-beta-HYDROXY-17-alpha-METHYLANDROSTANO(3,2-c)PYRAZOLE * STANOZOLOL * WIN 14833 * WINSTROL * WINSTROL V

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53 orl-rat TDLo:10 mg/kg (17-20D preg) ECJPAE 24,77,77

3T12T13T29 scu-rat TDLo:14 mg/kg (14D pre) CCPTAY 5,489,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROSTEN see: BV8400000

delta-(sup 4)-ANDROSTEN-3,17-DIONE see: BV8150000

BV8087500 ANDROST-5-ENE-17-alpha-CARBONITRILE, 3-beta,17-beta-DIHYDROXY-, DIACETATE

UPDT:8405 MW: 399.58 MOLFM: C24-H33-N-O4

SYN: 17-alpha-CYANO-delta(sup 5)-ANDROSTENE-3-beta,17-beta-DIOL DIACETATE * 3-beta,17-beta-DIHYDROXYANDROST-5-ENE-17-alpha-CARBONITRILE DIACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 scu-rat TDLo:20 mg/kg (8-9D preg) BIREBV 18,186,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8087550 5-alpha-ANDROST-2-ENE-2-CARBONITRILE, 17-beta-HYDROXY-

UPDT:8411 CAS: 1093-60-3 MW: 299.50 MOLFM: C20-H29-N-O

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 scu-mus TDLo:400 ug/kg (1D pre) 85CRAA -,150,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8087600 ANDROST-4-ENE-17-alpha-CARBONITRILE, 17-HYDROXY-3-OXO-, ACETATE

UPDT:8405 MW: 355.52 MOLFM: C22-H29-N-O3

SYN: 17-alpha-CYANO-3-OXO-4-ANDROSTEN-17-beta-YL ACETATE * 17-HYDROXY-3-OXOANDROST-4-ENE-17-alpha-CARBONITRILE ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 scu-rat TDLo:40 mg/kg (8D preg) BIREBV 18,186,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROST-5-ENE-2-CARBONITRILE, 17-HYDROXY-4,4,17-TRIMETHYL-3-OXO-, (2-alpha,17-beta)- (9CI) see: BV8089000

BV8089000 ANDROST-5-ENE-2-alpha-CARBONITRILE, 17-beta-HYDROXY-4,4,17-TRIMETHYL-3-OXO-

UPDT:8405 CAS: 4248-66-2 MW: 355.57 MOLFM: C23-H33-N-O2

SYN: ANDROST-5-ENE-2-CARBONITRILE, 17-HYDROXY-4,4,17-TRIMETHYL-3-OXO-, (2-alpha,17-beta)- (9CI) * CYANOKETONE * CYANOTRIMETHYLANDROSTENOLONE * 2-alpha-CYANO-4,4,17-alpha-TRIMETHYLANDROST-5-EN-17-beta-OL-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T52T53 ims-rat TDLo:200 mg/kg (15-20D preg) ENDOAO 87,432,70

1T12 ims-rat TDLo:200 mg/kg (15-20D preg) ENDOAO 87,432,70

1T53 ims-rat TDLo:60 mg/kg (19D preg) PSEBAA 121,757,66

1T86 ims-rat TDLo:60 mg/kg (13D preg) PSEBAA 145,334,74

1T52 ims-rat TDLo:60 mg/kg (3D preg) ENDOAO 84,1206,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8089710 ANDROST-5-ENE-3-alpha,17-beta-DIAMINE, DIHYDROCHLORIDE

UPDT:8402 CAS: 3346-27-8 MW: 361.45 MOLFM: C19-H32-N2-2CL-H

SYN: CHLORHYDRATE de DIAMINO-3-alpha,17-beta ANDROSTENE-5 (French) * 3-alpha,17-beta-DIAMINOANDROST-5-ENE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3C08F07J26 ipr-mus LD50:175 mg/kg APFRAD 25,749,67

3C08F07J26 ivn-mus LD50:44 mg/kg APFRAD 25,749,67

BV8089790 ANDROST-5-ENE-3-beta,17-beta-DIAMINE, N(sup 3)-METHYL-, DIHYDROCHLORIDE

UPDT:8402 CAS: 19236-78-3 MW: 375.48 MOLFM: C20-H34-N2-2CL-H

SYN: CHLORHYDRATE de METHYLAMINO-3-beta AMINO-17-beta ANDROSTENE (French) * N(sup 3)-METHYLANDROST-5-ENE-3-beta,17-beta-DIAMINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3C08F07J26 ivn-mus LD50:14200 ug/kg APFRAD 25,749,67

delta(sup 5)-ANDROSTENE-3-beta,16-alpha-DIOL see: BV8090000

5-ANDROSTENE-3-beta,16-alpha-DIOL see: BV8090000

BV8090000 ANDROST-5-ENE-3-beta,16-alpha-DIOL

UPDT:8405 CAS: 3642-89-5 MW: 290.49 MOLFM: C19-H30-O2

SYN: 5-ANDROSTENE-3-beta,16-alpha-DIOL * delta(sup 5)-ANDROSTENE-3-beta,16-alpha-DIOL * CETADIOL * 3-beta,16-alpha-DIHYDROXY-5-ANDROSTENE

TOXICITY DATA AND REFERENCES:

1F25 orl-hmn TDLo:1071 ug/kg 27ZQAG -,419,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROSTENEDIOL DIPROPIONATE see: BV8095000

ANDROST-5-ENE-3,17-DIOL, DIPROPANOATE, (3-beta,17-beta)- (9CI) see: BV8095000

BV8095000 ANDROST-5-ENE-3-beta,17-beta-DIOL, DIPROPIONATE

UPDT:8306 CAS: 2297-30-5 MW: 402.63 MOLFM: C25-H38-O4

SYN: ANDROST-5-ENE-3,17-DIOL DIPROPANOATE, (3-beta,17-beta)- (9CI) * ANDROSTENEDIOL DIPROPIONATE * BISEXOVIS * BISEXOVISTER * GINANDRIN * STENANDRIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34 scu-rat TDLo:125 mg/kg (16D preg) ANENAG 16,283,55

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROST-5-ENE-3-beta,17-beta-DIOL, 17-METHYL- (8CI) see: BV8100000

BV8100000 ANDROST-5-ENE-3,17-DIOL, 17-METHYL-, (3-beta,17-beta)

UPDT:8408 CAS: 521-10-8 MW: 304.52 MOLFM: C20-H32-O2

SYN: ANDRODIOL * ANDROST-5-ENE-3-beta,17-beta-DIOL, 17-METHYL- (8CI) * ANDROTESTONE-M * ANDROTESTON-M * CRESTABOLIC * DIOLANDRONE * DIOLOSTENE * ESJAYDIOL * MAD * MADIOL * MASDIOL * MEGABION * MEGABION (JAPANESE) * MESTENEDIOL * METANDIOL * METANDRIOL * METENDIOL * METHANABOL * METHANDIOL * METHANDRIOL * METHANDROLAN * METHOSTAN * METHYLANDROSTENDIOL * METIDION * METILDIENO * METOCRYST * NABADIAL * NEOSTENE * NEOSTERON * NEUTRORMONE * NEUTROSTERON * NOTANDRON * NOTANDRON DEPOT * PROTANDREN * STENEDIOL * STENIBELL * STENOSTERONE * TESTODIOL * TROFORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53 unk-wmn TDLo:64 mg/kg (26-39W preg) GEFRA2 13,216,53

2T33T51 orl-rat TDLo:42 gm/kg (1-21D preg) RMEMDQ 26,33,80

1T50 orl-rat TDLo:875 mg/kg (1-22D preg) RMEMDQ 26,303,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8111500 ANDROST-5-ENE-3-beta,17-beta-DIOL, 17-PROPIONATE (ester)

UPDT:8403 MW: 346.56 MOLFM: C22-H34-O3

SYN: delta(sup 5)-ANDROSTENE-3-beta-OL 17-beta-PROPIONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:1250 ug/kg (1D pre) JRPFA4 32,159,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROSTENEDIONE see: BV8150000

BV8150000 ANDROST-4-ENE-3,17-DIONE

UPDT:8405 CAS: 63-05-8 MW: 286.45 MOLFM: C19-H26-O2

SYN: ANDROSTENEDIONE * delta-(sup 4)-ANDROSTEN-3,17-DIONE * delta(sup 4)-ANDROSTENE-3,17-DIONE * delta-4-ANDROSTENEDIONE * 4-ANDROSTENE-3,17-DIONE * ANDROTEX * SKF 2170

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T12T13T29 scu-rat TDLo:7 mg/kg (14D pre) CCPTAY 5,489,72

3T13T24T29 scu-rat TDLo:80 mg/kg (2-5D preg) ENDOAO 6,1091,67

1T24 scu-rat TDLo:20 mg/kg (5D preg) JOENAK 18,271,59

1T25 scu-rat TDLo:20 mg/kg (8D preg) JOENAK 18,271,59

2T01T02 scu-rat TDLo:10500 ug/kg (25D male) AMTUA3 8,68,71

3T44T72T91 ims-rat TDLo:80 mg/kg (14-21D preg) JCPPAV 92,13,78

2T53T81 ims-rat TDLo:40 mg/kg (14-21D preg) JCPPAV 92,13,78

2T14T29 imp-rat TDLo:5056 ug/kg (16D pre) JRPFA4 56,675,79

1T24 scu-ham TDLo:35 mg/kg (1-4D preg) ENDOAO 80,1152,67

1T12 scu-ham TDLo:17500 ug/kg (1-4D preg) ENDOAO 80,1152,67

1T13 scu-ham TDLo:70 mg/kg (1-4D preg) ENDOAO 80,1152,67

TUMORIGENIC DATA AND REFERENCES:

2V03V10 scu-mus TDLo:600 mg/kg/72W-I JNCIAM 19,977,57

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

delta-4-ANDROSTENEDIONE see: BV8150000

delta(sup 4)-ANDROSTENE-3,17-DIONE see: BV8150000

4-ANDROSTENE-3,17-DIONE see: BV8150000

ANDROST-4-ENE-3,17-DIONE, 9-FLUORO-11-HYDROXY-, (11-beta)- (9CI) see: BV8151300

BV8151300 ANDROST-4-ENE-3,17-DIONE, 9-FLUORO-11-beta-HYDROXY-

UPDT:8309 CAS: 357-09-5 MW: 320.44 MOLFM: C19-H25-F-O3

SYN: ANDROST-4-ENE-3,17-DIONE, 9-FLUORO-11-HYDROXY-, (11-beta)- (9CI) * FHA * FLUOROHYDROXYANDROSTENEDIONE * 9-alpha-FLUORO-11-beta-HYDROXY-4-ANDROSTENE-3,17-DIONE * U-5438

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T26T27 orl-rat TDLo:100 mg/kg (3-7D preg) JRPFA4 39,319,74

BEST COPY AVAILABLE

1T34	orl-rat TDLo:600 mg/kg (9-14D preg)	JRPFA4 39,319,74
1T13	scu-mus TDLo:12 mg/kg (3D pre)	JRPFA4 39,319,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8153000 ANDROST-4-ENE-3,17-DIONE, 4-HYDROXY-, ACETATE (ester)
UPDT:8406 MW: 344.49 MOLFM: C21-H28-O4
SYN: 4-ACETOXY-4-ANDROSTENE-3,17-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	ims-rat TDLo:300 mg/kg (2-7D preg)	BIREBV 18,365,78
1T21	imp-rat TDLo:375 mg/kg (18D pre/1-8D preg)	BIREBV 18,365,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8154160 5-alpha-ANDROST-4-ENE-3,17-DIONE, 16-(METHYLENEPIPERIDINO)-
UPDT:8401 MW: 381.61 MOLFM: C25-H35-N-O2
SYN: 16-(METHYLENEPIPERIDINO)-5 alpha-ANDROST-4-ENE-3,17-DIONE * 16-METHYLENE-N-PIPERIDYL-delta(sup 4)-ANDROSTENE-3,17-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:500 ug/kg (1D pre)	ACEDAB 73,3,63
1T21	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 73,3,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8154200 5-alpha-ANDROST-2-ENE-2-METHANOL, 17-beta-HYDROXY-
UPDT:8308 MW: 304.52 MOLFM: C20-H32-O2
SYN: 17-beta-HYDROXY-5-alpha-ANDROST-2-ENE-2-METHANOL * 2-HYDROXYMETHYL-5-alpha-ANDROST-2-EN-17-beta-OL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T02	scu-rat TDLo:16800 ug/kg (21D male)	ACENA7 49,145,65
1T03	scu-rat TDLo:3360 ug/kg (21D male)	ACENA7 49,145,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-ANDROSTENE-17-alpha-METHYL-17-beta-OL-3-ONE see: BV8400000
delta(sup 5)-ANDROSTENE-3-beta-OL 17-beta-PROPIONATE see: BV8111500
delta(sup 4)-ANDROSTENE-17-beta-PROPIONATE-3-ONE see: XA3115000

BV8157000 16-alpha-ANDROST-5-ENO(16,17-c)FURAN-2'-ONE, 3-beta-HYDROXY-5'-METHYLENE-, ACETATE (ester)
UPDT:8401 MW: 384.56 MOLFM: C24-H32-O4
SYN: 3-beta-HYDROXY-5'-METHYLENE-16-alpha-ANDROST-5-ENO(16,17-c)FURAN-2'-ONE ACETATE (ester)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 73,3,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8221000 ANDROST-5-EN-3-beta-OL, 17-beta-((2-(DIMETHYLAMINO)ETHYL)METHYLAMINO)-, DIHYDROCHLORIDE
UPDT:8402 MW: 421.56 MOLFM: C22-H40-N2-O-2CL-H
SYN: 17-beta-((2-(DIMETHYLAMINO)ETHYL)METHYLAMINO)ANDROST-5-EN-3-beta-OL DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-qal LD50:750 mg/kg	JRPFA4 48,371,76

BV8225000 ANDROST-5-EN-3-beta-OL, 17-beta-((3-(DIMETHYLAMINO)PROPYL)METHYLAMINO)-, DIHYDROCHLORIDE
UPDT:8405 CAS: 1249-84-9 MW: 461.63 MOLFM: C25-H44-N2-O-2CL*x
SYN: AZACOSTEROL DIHYDROCHLORIDE * AZACOSTEROL HYDROCHLORIDE * AZASTEROL * 20,25-DIAZACHOLESTEROL DIHYDROCHLORIDE * DIAZACOSTEROL HYDROCHLORIDE * 17-beta-((3-(DIMETHYLAMINO)-PROPYL)METHYLAMINO)ANDROST-5-EN-3-beta-OL DIHYDROCHLORIDE * IMD 760 * ORNITROL * SC 12937

MUTATION DATA AND REFERENCES:

	oms-pgn-orl 600 mg/kg/10D-I	JRPFA4 15,145,68
	spm-pgn-orl 600 mg/kg/10D-I	JRPFA4 15,145,68

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:470 mg/kg	85ARAE 3,100,76
*	ipr-rat LD50:60 mg/kg	FMCHA2 -,C174,83
*	orl-mus LD50:380 mg/kg	FMCHA2 -,C174,83
*	ipr-mus LD50:92 mg/kg	FMCHA2 -,C174,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8250000 ANDROST-5-EN-3-OL, 17-((2-HYDROXYETHYL)IMINO)-, 3-ACETATE
UPDT:8302 MW: 346.54 MOLFM: C21-H32-N-O3
SYN: 17-((2-HYDROXYETHYL)IMINO)ANDROST-5-EN-3-OL 3-ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-rat TDLo:750 mg/kg (30D pre)	RPHRA6 20,395,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8260000 5-alpha-ANDROST-2-EN-17-beta-OL, 17-METHYL-
UPDT:8401 MW: 288.52 MOLFM: C20-H32-O
SYN: 17-alpha-METHYL-(5-alpha)-delta(sup 2)-ANDROSTENE-17-beta-OL * 17-METHYL-5-alpha-ANDROST-2-EN-17-beta-OL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:50 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROSTENOLONE see: BV8396000
ANDROST-4-EN-17beta-OL-3-ONE see: XA3030000
delta(sup 4)-ANDROSTEN-17(beta)-OL-3-ONE see: XA3030000

BV8355000 ANDROST-5-EN-3-OL, 17-((3-(1-PYRROLIDINYL)PROPYL)IMINO)-, 3-ACETATE
UPDT:8303 MW: 440.74 MOLFM: C28-H44-N2-O2
SYN: 17-((3-(1-PYRROLIDINYL)PROPYL)IMINO)ANDROST-5-EN-3-OL 3-ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-rat TDLo:750 mg/kg (30D pre)	RPHRA6 20,395,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5-ANDROSTEN-17-beta-OL-3-SPIRO-2'-(3'-METHYL-1',3'-THIAZOLIDINE) see: WG9634500SPIRO(ANDROST-4-ENE-3,2'-THIAZOLIDIN)-17-beta-OL, 3'-METHYL-
ANDROST-4-EN-3-ONE, 17-(ACETYLOXY)-4-CHLORO-, (17-beta)- (9CI) see: BV8380900
ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE
ANDROST-1-EN-3-ONE, 17-(ACETYLOXY)-1-METHYL-, (5-alpha,17-beta)- (9CI) see: BV84085U0
ANDROST-4-EN-3-ONE, 17-(3-CARBOXY-1-OXOPROPOXY)-, (17-beta)- (9CI) see: XA3105500

BV8380900 ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE
UPDT:8408 CAS: 855-19-6 MW: 364.95 MOLFM: C21-H29-CL-O3
SYN: ANABOLIT * ANDROST-4-EN-3-ONE 17-(ACETYLOXY)-4-CHLORO-, (17-beta)- (9CI) * CHLOROTESTOSTERONE ACETATE * 4-CHLOROTESTOSTERONE ACETATE * MACROBIN * MEGAGRISEVIT * STEARANABOL * STERABOL * STERANABOL * TEST-ANABOL * TESTOMED * TURINABOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	scu-rat TDLo:400 ug/kg (1D male)	JRPFA4 19,247,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8381000 ANDROST-4-EN-3-ONE, 17-beta-CINNAMOYL-
UPDT:8401 MW: 402.62 MOLFM: C28-H34-O2
SYN: 17-beta-CINNAMOYLANDROST-4-EN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROST-4-EN-3-ONE, 17-(3-CYCLOPENTYL-1-OXOPROPOXY)-, (17-beta)- (9CI) see: XA3066000

BV8385000 ANDROST-4-EN-3-ONE, 7-beta,17-alpha-DIMETHYL-17-beta-HYDROXY-
UPDT:8310 CAS: 17021-26-0 MW: 316.53 MOLFM: C21-H32-O2
SYN: ANDROST-4-EN-3-ONE, 17-HYDROXY-7,17-DIMETHYL-, (7-beta,17-beta)- (9CI) * ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-7-beta,17-DIMETHYL- * CALUSTERONE * 7-beta,17-DIMETHYLTESTOSTERONE * 7-beta,17-alpha-DIMETHYL TESTOSTERONE * 17-beta-HYDROXY-7-beta,17-alpha-DIMETHYLANDROST-4-ENE-3-ONE * METHOSARB * NSC 88336 * U-22,550

TOXICITY DATA AND REFERENCES:

1K05	orl-hmn TDLo:257 mg/kg/12W-I	TUMOAB 62,79,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROST-4-EN-3-ONE, 9-FLUORO-11,17-DIHYDROXY-17-METHYL-, (11-beta,17-beta)- (9CI) see: BV8390000

BV8390000 ANDROST-4-EN-3-ONE, 9-FLUORO-11-beta,17-beta-DIHYDROXY-17-METHYL-
UPDT:8408 CAS: 76-43-7 MW: 336.49 MOLFM: C20-H29-F-O3
SYN: ANDROFLUORENE * ANDROFLUORONE * ANDROSTEROLO * ANDROST-4-EN-3-ONE, 9-FLUORO-11,17-DIHYDROXY-17-METHYL-, (11-beta,17-beta)- (9CI) * 11-beta,17-beta-DIHYDROXY-9-alpha-FLUORO-17-alpha-METHYL-4-ANDROSTEN-3-ONE * FLUORO-9-alpha-DIHYDROXY-11-beta,17-beta-METHYL-17-alpha-ANDROSTENE-4-ONE-3 (French) * 9-FLUORO-11-beta,17-beta-DIHYDROXY-17-METHYLANDROST-4-EN-3-ONE * 9-alpha-FLUORO-11-beta,17-beta-DIHYDROXY-17-alpha-METHYL-4-ANDROSTENE-3-ONE * 9-alpha-FLUORO-11-beta-HYDROXY-17-METHYLTESTOSTERONE * 9-alpha-FLUORO-17-alpha-METHYL-11-beta,17-DIHYDROXY-4-ANDROSTEN-3-ONE * FLUOTESTIN * FLUOXIMESTERONE * FLUOXYMESTERONE * FLUORYMESTRONE * FLUSTERON * FLUTESTOS * HALOTESTIN * 17-alpha-METHYL-9-alpha-FLUORO-11-beta-HYDROXYTESTERONE * NEO-ORMONAL * NSC-12165 * ORALSTERONE * ORATESTIN * ORA-TESTRYL * TESTORAL * U-6040 * ULTANDREN * ULTANDRENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	orl-man TDLo:12 mg/kg (84D male)	JCEMAZ 44,121,77
1T13	orl-rat TDLo:438 mg/kg (35D pre)	OYYAA2 16,779,78
1T27	orl-rat TDLo:800 mg/kg (3-10D preg)	JRPFA4 39,319,74
1T26	orl-rat TDLo:500 mg/kg (3-7D preg)	JRPFA4 39,319,74
1T03	orl-rat TDLo:8 mg/kg (10D male)	JJPAAZ 24,551,74
1T02	orl-rat TDLo:438 mg/kg (35D male)	OYYAA2 16,779,78
1T53	scu-rat TDLo:6 mg/kg (17-20D preg)	AVBIB9 13,71,74
3T02T03T09	scu-rat TDLo:16 mg/kg (10D male)	JRPFA4 4,125,62
1T13	scu-mus TDLo:12 mg/kg (3D pre)	JRPFA4 39,319,74
1T22	scu-rbt TDLo:20 mg/kg (10D pre)	FESTAS 23,196,72

TOXICITY DATA AND REFERENCES:

3J30R03Y15	orl-hmn TDLo:400 ug/kg	CANCAR 41,758,78
2F05F17	ipr-mus LD50:2350 mg/kg	OYYAA2 14,623,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROST-4-EN-3-ONE, 17-HYDROXY-, (9-beta,10-alpha,17-beta)- (9CI) see: BV8396600
9-beta,10-alpha-ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-
ANDROST-4-EN-3-ONE, 17-HYDROXY-, (17-beta)- see: XA3030000
ANDROST-4-EN-3-ONE, 17-beta-HYDROXY- see: XA3030000

BV8396000 ANDROST-5-EN-17-ONE, 3-beta-HYDROXY-
UPDT:8405 CAS: 53-43-0 MW: 288.47 MOLFM: C19-H28-O2
SYN: ANDROSTENOLONE * ANDROST-5-EN-17-ONE, 3-HYDROXY-, (3-beta)- (9CI) * 17-CHETOVIS * trans-DEHYDROANDROSTERONE * DEHYDROEPIANDROSTERONE * 5-DEHYDROEPIANDROSTERONE * DEHYDROISOANDROSTERONE * 5,6-DEHYDROISOANDROSTERONE * DHA * DIANDRON * DIANDRONE * 5,6-DIDEHYDROISOANDROSTERONE * 17-HORMOFORIN * 3-beta-HYDROXY-5-ANDROSTEN-17-ONE * PRASTERONE * PSICOSTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T27	orl-rat TDLo:1800 mg/kg (2-19D preg)	FESTAS 22,735,71
1T34	scu-rat TDLo:300 mg/kg (15-20D preg)	ANENAG 17,118,56
1T03	scu-rat TDLo:357 mg/kg (10D male)	ANENAG 17,118,56
1T14	scu-rat TDLo:300 mg/kg (20D pre)	BIREBV 18,614,78
3T34T52T53	ims-rat TDLo:240 mg/kg (13-20D preg)	ENDOAO 87,432,70
1T12	ims-rat TDLo:240 mg/kg (13-20D preg)	ENDOAO 87,432,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROST-5-EN-17-ONE, 3-HYDROXY-, (3-beta)- (9CI) see: BV8396000

BV8396600 9-beta,10-alpha-ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-
UPDT:8408 CAS: 571-41-5
SYN: ANDROST-4-EN-3-ONE, 17-HYDROXY-, (9-beta,10-alpha,17-beta)- (9CI) * 17-beta-HYDROXY-9-beta,10-alpha-ANDROST-4-EN-3-ONE * LUMITESTOSTERONE * RETROSTERONE * RETROTESTOSTERONE * 9-beta,10-alpha-TESTOSTERONE * retro-TESTOSTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	ims-rat TDLo:4200 ug/kg (7D male)	IJEBA6 12,301,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROST-4-EN-3-ONE, 17-HYDROXY-7,17-DIMETHYL-, (7-beta,17-beta)- (9CI) see: BV8385000
ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-7-beta,17-DIMETHYL- see: BV8385000

BV8397300 ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-, O-(2,4-DINITROPHENYL)OXIME
UPDT:8401 CAS: 33514-83-9 MW: 469.59 MOLFM: C25-H31-N3-O6
SYN: 17-beta-HYDROXYANDROST-4-EN-3-ONE O-(2,4-DINITROPHENYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:40 mg/kg (9-12D preg)	JMCMAR 20,1546,77
1T03	orl-rat TDLo:10500 ug/kg (7D male)	JMCMAR 20,1546,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8397400 ANDROST-5-EN-17-ONE, 3-beta-HYDROXY-, ESTER with SODIUM SULFATE
UPDT:8408 MW: 390.51 MOLFM: C19-H27-O5-S-Na
SYN: DEHYDROEPIANDROSTERONE SULFATE SODIUM * DHA-S SODIUM * MYLIS * PRASTERONE SODIUM SULFATE * SODIUM DEHYDROEPIANDROSTERONE SULFATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T35T72	ipr-rat TDLo:500 mg/kg (8-17D preg)	OYYAA2 12,201,76
1T53	ipr-rat TDLo:1 gm/kg (8-17D preg)	OYYAA2 12,201,76
1T46	ipr-rat TDLo:100 mg/kg (8-17D preg)	OYYAA2 12,201,76
3T16T46T53	ipr-mus TDLo:1 gm/kg (7-16D preg)	OYYAA2 12,201,76
2T34T73	ipr-mus TDLo:3 gm/kg (7-16D preg)	OYYAA2 12,201,76
1T35	ipr-mus TDLo:100 mg/kg (7-16D preg)	OYYAA2 12,201,76

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:559 mg/kg	MEIEDD 10,1108,83
*	scu-rat LD50:1005 mg/kg	MEIEDD 10,1108,83
*	ivn-rat LD50:468 mg/kg	MEIEDD 10,1108,83
*	ipr-mus LD50:460 mg/kg	MEIEDD 10,1108,83
*	scu-mus LD50:899 mg/kg	MEIEDD 10,1108,83
*	ivn-mus LD50:274 mg/kg	MEIEDD 10,1108,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8397600 5-alpha-ANDROST-5-EN-17-ONE, 3-beta-HYDROXY-, HYDROGEN SULFATE, compd. with PAPAVERINE
UPDT:8303 MW: 707.95 MOLFM: C39-H47-O5-S-C20-H21-N-O4
SYN: 3-beta-HYDROXY-5-alpha-ANDROST-5-EN-17-ONE HYDROGEN SULFATE compd. with PAPAVERINE * PAPAVERINE SALT of SULFURIC ESTER of DEHYDROEPIANDROSTERONE * PAPAVERIN 3-MONOSOLFATO DEL DEIDROEPIANDROSTERONE (Italian) * PMSD

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:757 mg/kg	BCFAAI 102,308,63

BEST COPY AVAILABLE

BV8397700 ANDROST-5-EN-17-ONE, 3-HYDROXY-16-IODO-
UPDT 8401 MW: 414.36 MOLFM: C19-H27-I-O2
SYN: 3-HYDROXY-16-IODOANDROST-5-EN-17-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANDROST-4-EN-3-ONE, 17-HYDROXY-17-METHYL-, (17-beta)- (9CI) see: BV8400000

BV8400000 ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-17-METHYL-
UPDT 8412 CAS: 58-18-4 MW: 302.50 MOLFM: C20-H30-O2
SYN: ANDROMETH * ANDROSAN * ANDROSAN (tablets) * 4-ANDROSTENE-17-alpha-METHYL-17-beta-OL-3-ONE * ANDROST-4-EN-3-ONE 17-HYDROXY-17-METHYL- (17-beta)- (9CI) * ANDROSTEN * ANERTAN * ANERTAN (tablets) * DELATESTRYL * DIANABOL * DUMOGRAN * GLOSSO STERANDRYL * HOMANDREN * HORMALE * 17-beta-HYDROXY 17-METHYLANDROST-4-EN-3-ONE * MALESTRONE * MALOGEN * MASENONE * MASTESTONA * MESTERONE * METANDREN * 17-METHYLTESTOSTERON * METHYLTESTOSTERONE * 17-METHYLTESTOSTERONE * 17-alpha-METHYLTESTOSTERONE * METRONE * M.T.MUCORETTES * NABOLIN * NEO-HOMBREOL-M * NSC 9701 * NU-MAN * ORAVIRON * ORETON-M * ORETON METHYL * STENOLON * STERONYL * SYNANDRETS * SYNANDROTABS * TESTHORMONE * TESTORA * TESTOVIRON * TESTRED
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-wmn TDLo:30 mg/kg (6-39W preg)	MACPAJ 32,41,57
1T53	orl-wmn TDLo:37800 ug/kg (12-31W preg)	LANCAO 2,267,58
1T53	orl-wmn TDLo:25200 ug/kg (7-14W preg)	JOPDAB 52,279,58
1T13	orl-rat TDLo:210 mg/kg (14D pre)	FESTAS 24,284,73
1T53	orl-rat TDLo:9 mg/kg (15-20D preg)	JRPFA4 5,331,63
1T03	orl-rat TDLo:4 mg/kg (10D male)	CCPTAY 1,87,70
2T03T09	orl-rat TDLo:14 mg/kg (7D male)	ACENA7 22,318,56
1T02	orl-rat TDLo:112 mg/kg (14D male)	ANYAA9 71,500,58
1T81	skn-rat TDLo:1900 ug/kg (1-19D preg)	GTPZAB 22(6),25,78
3T01T02T03	scu-rat TDLo:16800 ug/kg (21D male)	ACENA7 49,145,65
1T53	scu-rat TDLo:40 ug/kg (17-20D preg)	ECJPAE 22,439,75
1T86	scu-rat TDLo:100 ug/kg (17-20D preg)	ECJPAE 25,1,78
2T26T53	scu-rat TDLo:100 ug/kg (MGN)	ECJPAE 25,1,78
1T25	scu-rat TDLo:10 mg/kg (8D preg)	JRPFA4 48,159,76
1T53	ims-rat TDLo:35 mg/kg (15-21D preg)	PTRBAE 259,179,70
1T13	orl-mus TDLo:30 mg/kg (3D pre)	JRPFA4 5,331,63
1T13	scu-mus TDLo:1280 ug/kg (1D pre)	85GRAA -,150,65
1T53	orl-dog TDLo:9 mg/kg (1-60D preg)	BIREBV 1,41,69

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-man TDLo:420 mg/kg/4Y-C	LANCAO 2,1273,72

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1050 mg/kg	NIIRDN 6,830,82
*	orl-mus LD50:1860 mg/kg	NIIRDN 6,830,82
*	ipr-mus LD50:400 mg/kg	NIIRDN 6,830,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PCNAA8 8,413,61; LANCAO 1,21,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8402000 ANDROST-5-EN-17-ONE, 3-beta-HYDROXY-METHYL-
UPDT 8408 MW: 290.49 MOLFM: C19-H30-O2
SYN: METHYLANDROSTENOLONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	scu-rat TDLo:400 ug/kg (1D male)	JRPFA4 19,247,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8405000 ANDROST-5-EN-3-ONE, 17-HYDROXY-7-METHYL-, (7-alpha,17-beta)-
UPDT 8407 CAS: 50880-57-4 MW: 302.50 MOLFM: C20-H30-O2
SYN: 17-beta-HYDROXY-7-alpha-METHYLANDROST-5-EN-3-ONE * RMI 12,936
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	scu-rat TDLo:1 mg/kg (1D pre)	JRPFA4 53,363,78
2T02T09	scu-rat TDLo:30 mg/kg (10D male)	CCPTAY 27,95,83
1T27	scu-rat TDLo:2500 ug/kg (8D preg)	PROMDL 4,121,80
1T16	scu-rat TDLo:10 mg/kg (6D preg)	CCPTAY 19,393,79
1T12	scu-rat TDLo:3 mg/kg (3D pre)	JRPFA4 48,159,76
1T29	scu-rat TDLo:2500 ug/kg (1D pre)	JRPFA4 53,363,78
2T17T35	scu-rat TDLo:10 mg/kg (8D preg)	CCPTAY 19,481,79
1T29	ivg-rat TDLo:50 mg/kg (8D preg)	JRPFA4 43,505,75
1T24	par-mus TDLo:12 mg/kg (4D preg)	JRPFA4 62,499,81
1T26	par-mus TDLo:24 mg/kg (4D preg)	JRPFA4 62,499,81
1T35	scu-rbt TDLo:5 mg/kg (15D preg)	CCPTAY 20,607,79
1T17	scu-rbt TDLo:8 mg/kg (15D preg)	CCPTAY 20,607,79
1T29	scu-rbt TDLo:10 mg/kg (1D pre)	CCPTAY 24,107,81
3T25T19N17	scu-ham TDLo:16 mg/kg (6D preg)	BIREBV 20(Suppl 1),131A,79
2T14T29	scu-ham TDLo:16 mg/kg (1D pre)	CCPTAY 19,223,79
1T27	scu-ham TDLo:16 mg/kg (6D preg)	CCPTAY 19,223,79
1T22	scu-ham TDLo:60 mg/kg (3-8D preg)	STEDAM 27,759,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8408500 5-alpha-ANDROST-1-EN-3-ONE, 17-beta-HYDROXY-1-METHYL-, ACETATE
UPDT 8405 CAS: 434-05-9 MW: 344.54 MOLFM: C22-H32-O3
SYN: ANDROST-1-EN-3-ONE 17-(ACETYLOXY)-1-METHYL- (5-alpha,17-beta)- (9CI) * 17-beta-HYDROXY-1-METHYL-5-alpha-ANDROST-1-EN-3-ONE ACETATE * METENOLONE ACETATE * METHENOLONE ACETATE * NIBAL * PREMOBOLAN * PRIMOBOLAN * PRIMOBOLONE * PRIMONABOL * SH 567 * SH 567a * SQ 16496
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	scu-rat TDLo:60 mg/kg (17-20D preg)	AVBIB9 13,71,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:4000 mg/kg	NIIRDN 6,835,82
*	orl-mus LD50:4000 mg/kg	NIIRDN 6,835,82
*	ipr-mus LD50:2000 mg/kg	NIIRDN 6,835,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8409000 9-beta,10-alpha-ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-17-(2-METHYLALLYL)-
UPDT 8303 CAS: 2824-50-2 MW: 341.56 MOLFM: C23-H33-O2
SYN: ANDROST-4-EN-3-ONE 17-HYDROXY-17-(2-METHYL-2-PROPENYL)- (9-beta,10-alpha,17-beta)- (9CI) * 17-beta-HYDROXY-17-(2-METHYLALLYL)-9-beta,10-alpha-ANDROST-4-EN-3-ONE * 17-alpha-(2-METHALLYL)-9-beta,10-alpha-ANDROST-4-EN-17-OL-3-ONE * 17-alpha-(2-METHALLYL)RETROTESTOSTERONE * SAP 104
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-mus TDLo:80 mg/kg (10D pre)	STEDAM 9,235,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8409200 ANDROST-4-EN-3-ONE, 17-alpha-HYDROXY-17-beta-(2-(N-METHYLANILINO)-4-THIAZOLYL)-
UPDT 8307 MW: 470.67 MOLFM: C29-H30-N2-O2-S
SYN: 17-alpha-HYDROXY-17-beta-(2-(N-METHYLANILINO)-4-THIAZOLYL)ANDROST-4-EN-3-ONE
TOXICITY DATA AND REFERENCES:

*	par-pgn LDLo:5200 ug/kg	CPBTAL 11,604,63
*	par-frg LDLo:30 mg/kg	CPBTAL 11,604,63

BV8409500 ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-17-METHYL-, and 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL (300:1)
UPDT 8305
SYN: ETHINYLESTRADIOL and METHYLTESTOSTERONE (1:300) * METHYLTESTOSTERONE and ETHINYLESTRADIOL (300:1)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-wmn TDLo:14500 ug/kg (6-17W preg)	LANCAO 2,267,58
1T53	orl-wmn TDLo:13500 ug/kg (8-39W preg)	FESTAS 11,148,60

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROST-4-EN-3-ONE, 17-HYDROXY-17-(2-METHYL-2-PROPENYL)-, (9-beta,10-alpha,17-beta)- (9CI) see: BV8409000

BV8510000 ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-6-alpha-METHYL-17-(1-PROPYNYL)-
UPDT 8403 CAS: 79-64-1 MW: 340.55 MOLFM: C23-H32-O2
SYN: ANDROST-4-EN-3-ONE 17-HYDROXY-6-METHYL-17-(1-PROPYNYL)- (6-alpha,17-beta)- * DIMETHESTERONE * DIMETHISTERON * DIMETHISTERONE * 6-alpha,21-DIMETHYLETHISTERONE * 6-alpha,21-DIMETHYL-17-beta-HYDROXY-17-alpha-PREGN-4-EN-20-YN-3-ONE * 6-alpha,21-DIMETHYL-17-beta-HYDROXY-17-alpha-PREGN-4-EN-20-YN-3-ONE * 17-alpha-ETHINYL-6-alpha,21-DIMETHYLTESTOSTERONE * 17-alpha-ETHYNYL-17-HYDROXY-6-alpha,21-DIMETHYLANDROST-4-EN-3-ONE * (6-alpha,17-beta)-17-HYDROXY-6-METHYL-17-(1-PROPYNYL)-ANDROST-4-EN-3-ONE * 17-beta-HYDROXY-6-alpha-METHYL-17-(1-PROPYNYL)ANDROST-4-EN-3-ONE * LUTOGAN * LUTOSAN * 6-alpha-METHYL-17-alpha-PROPYNYLTESTOSTERONE * 6-alpha-METHYL-17-(1-PROPYNYL)TESTOSTERONE * P-5048 * SECROSTERON
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-rat TDLo:100 mg/kg (17-20D preg)	ECJPAE 24,77,77
2T12T29	scu-rat TDLo:70 mg/kg (14D pre)	CCPTAY 5,57,72
1T13	scu-rat TDLo:28 mg/kg (14D pre)	CCPTAY 5,57,72

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:7650 mg/kg	MEIEDD 10,469,83

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 21,377,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANDROST-4-EN-3-ONE, 17-HYDROXY-6-METHYL-17-(1-PROPYNYL)-, (6-alpha,17-beta)- see: BV8510000

BV8515250 ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-6-alpha-METHYL-17-(1-PROPYNYL)-, and 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL
UPDT 8402 CAS: 8015-19-8 MW: 636.99 MOLFM: C23-H32-O2 C20-H24-O2
SYN: DIMETHISTERONE and ETHINYL ESTRADIOL * ETHINYL ESTRADIOL and DIMETHISTERONE * ORACON * OVIN * SECROVIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-wmn TDLo:273 mg/kg (77W pre)	AJOGAH 107,717,70

TUMORIGENIC DATA AND REFERENCES:

2V01T64	orl-wmn TDLo:244 mg/kg/8Y-I	AJOGAH 123,299,75
2V01T64	orl-wmn TDLo:92 mg/kg/3Y-I	OBGNAS 47,639,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8515500 ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-17-METHYL- with TESTOSTERONE, PROPIONATE
UPDT 8305 CAS: 72030-21-8
SYN: METHYLTESTOSTERONE with TESTOSTERONE PROPIONATE (14:1) * TESTOSTERONE PROPIONATE with METHYLTESTOSTERONE (1:14)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	mul-wmn TDLo:39500 ug/kg (14-39W preg)	FESTAS 11,157,60
2T53T77	mul-wmn TDLo:36 mg/kg (10-18W preg)	PEDIAU 20,503,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8515600 ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-, O-(p-NITROPHENYL)OXIME
UPDT 8401 CAS: 33514-01-9 MW: 424.59 MOLFM: C25-H32-N2-O4
SYN: 17-beta-HYDROXYANDROST-4-EN-3-ONE O-(p-NITROPHENYL)OXIME
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:160 mg/kg (9-12D preg)	JMCMAR 20,1546,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8515650 ANDROST-4-EN-3-ONE, 17-(4-(((3-beta,17-alpha)-17-HYDROXY-19-NORPREGN-4-EN-20-YN-3-YL)OXY)-1,4-DIOXOBUTOXY)-, (17-beta)-
UPDT 8401 CAS: 61083-04-3 MW: 671.01 MOLFM: C43-H58-O6
SYN: 3-OXO-4-ANDROSTEN-17-beta-YL-(17-beta-HYDROXY-17-alpha-ETHYNYL-4-ESTREN-3-beta-YL)-SUCCINATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T02	ims-rat TDLo:40 mg/kg (1D male)	CCPTAY 24,61,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8515700 ANDROST-4-EN-3-ONE, 17-alpha-HYDROXY-17-beta-(2-(PROPYLAMINO)-4-THIAZOLYL)-
UPDT 8303 MW: 428.69 MOLFM: C25-H36-N2-O2-S
SYN: 17-alpha-HYDROXY-17-beta-(2-(PROPYLAMINO)-4-THIAZOLYL)ANDROST-4-EN-3-ONE
TOXICITY DATA AND REFERENCES:

*	par-pgn LDLo:17 mg/kg	CPBTAL 11,604,63
*	par-frg LDLo:30 mg/kg	CPBTAL 11,604,63

BV8515800 ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-, O-(2-PYRIDYL)OXIME
UPDT 8401 CAS: 53224-68-3 MW: 380.58 MOLFM: C24-H32-N2-O2
SYN: 17-beta-HYDROXYANDROST-4-EN-3-ONE O-(2-PYRIDYL)OXIME
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:160 mg/kg (9-12D preg)	JMCMAR 20,1546,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8518500 ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-, O-(alpha,alpha,alpha-TRIFLUORO-p-TOLYL)OXIME
UPDT 8401 CAS: 64584-80-1 MW: 447.59 MOLFM: C26-H32-F3-N-O2
SYN: 17-beta-HYDROXYANDROST-4-EN-3-ONE O-(alpha,alpha,alpha-TRIFLUORO-p-TOLYL)OXIME
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:160 mg/kg (9-12D preg)	JMCMAR 20,1546,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8519000 ANDROST-4-EN-3-ONE, 17-(2-IMIDAZOLIN-4-YL)-
UPDT 8401 MW: 339.55 MOLFM: C22-H33-N2-O
SYN: 17-(2-IMIDAZOLIN-4-YL)ANDROST-4-EN-3-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BV8520000 ANDROST-4-EN-3-ONE, 17-beta-(p-METHOXYCINNAMOYL)-
UPDT 8401 MW: 432.65 MOLFM: C29-H36-O3
SYN: 17-beta-(p-METHOXYCINNAMOYL)ANDROST-4-EN-3-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

ANDROST-4-EN-3-ONE, 17-((1-OXOHEPTYL)OXY)-, (17-beta)- see: XA3080000
ANDROST-4-EN-3-ONE, 17-(1-OXO-3-PHENYLPROPOXY)-, (17-beta)- (9CI) see: XA3105000
ANDROST-4-EN-3-ONE, 17-(1-OXOPROPOXY)-(17-beta)- see: XA3115000
ANDROSTEROLO see: BV8390000
ANDROSTERONE see: BV8053000
cis-ANDROSTERONE see: BV8053000
ANDROTARDYL see: XA3080000
ANDROTESTON see: XA3115000
ANDROTESTON-M see: BV8100000
ANDROTESTONE-M see: BV8100000
ANDROTEST P see: XA3115000
ANDROTEX see: BV8150000
ANDROXAN see: BV8045500
ANDRUSOL see: XA3030000
ANDRUSOL-P see: XA3115000
ANDUR see: TR7875000
ANECOTAN see: KN7820000
ANECTINE see: GA2360000
ANECTINE CHLORIDE see: GA2360000
ANELIX see: AE4200000
ANEMOLIN see: XH8300000

BV8995000 ANEMONE OBTUSILOBA D. Don, root extract
DEF-Indian plant belonging to the family RANUNCULACEAE (IJEBA6 16,228,78)
UPDT-8411

TOXICITY DATA AND REFERENCES:
1Y55 ipr-rat LD50:600 mg/kg IJEBA6 16,228,78

BV8997000 ANEMONE RIVULARIS Ham., extract
DEF-Indian plant belonging to the family RANUNCULACEAE (IJEBA6 18,594,80)
UPDT-8411

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:375 mg/kg IJEBA6 18,594,80

BV9000000 ANEMONE VITIFOLIA Buch.-Ham. ex DC, extract
DEF-Indian plant belonging to the family RANUNCULACEAE (IJEBA6 11,43,73)
UPDT-8305

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:175 mg/kg IJEBA6 11,43,73

ANEMONIA SULCATA TOXIN see: XW5871700
ANERGAN see: OB2275000
ANERON NYSCAPS see: CY1634500
ANERTAN see: BV8400000
ANERTAN see: XA3115000
ANERTAN (tablets) see: BV8400000
ANERVAL see: UQ8225000
ANESTACON see: AN7525000
ANESTACON HYDROCHLORIDE see: AN7600000
ANESTHENYL see: PA8750000
ANESTHESIA ETHER see: KI5775000
ANESTHESOL see: DG2275000
ANESTHETIC COMPOUND NO. 347 see: KN6800000
ANESTHETIC ETHER see: KI5775000
ANESTIL see: DG2275000
ANETAIN see: DG4725000
ANETHAINE see: DG4900000
ANETHOCURARIUM see: BR6525000
ANETHOL see: BZ8925000
trans-ANETHOL see: BZ9275000
ANETHOLE see: BZ8925000
trans-ANETHOLE see: BZ9275000
ANETHOLE TRITHIONE see: JP1292500
ANETHOLTRITHION see: JP1292500

BW1120000 ANETHUM SOWA Kurz., fruit extract
DEF-Indian plant belonging to the family UMBELLIFERAE (IJEBA6 6,232,68)
UPDT-8305
SYN: SOWA FRUIT EXTRACT

TOXICITY DATA AND REFERENCES:
2H30N22 ipr-mus LD50:1000 mg/kg IJEBA6 6,232,68

ANEURAL see: TZ0175000
ANEURINE see: XI6550000
ANEURINE HYDROCHLORIDE see: XI7350000
ANEUROL see: TZ0175000
ANEUSRAL see: TZ0175000
ANEUXAL see: TZ0175000
ANEUXRAL see: TZ0175000
ANFETAMINA see: SI1750000
ANFLAGEN see: MU6640000
ANFRAM 3PB see: UB0350000
ANFT see: XJ2850000
ANG 66 see: YD0112000
ANGECIN see: LV0940000
ANGEL DUST see: TN2272600
ANGELECIN see: LV0940000 2H-FURO(2,3-h)(1)BENZOPYRAN-2-ONE
alpha-ANGELICA LACTONE see: LU5075000
beta,gamma-ANGELICA LACTONE see: LU5075000
delta(sup 1)-ANGELICA LACTONE see: LU5100000
delta(sup 2)-ANGELICA LACTONE see: LU5075000

BW1960000 ANGELICA ROOT OIL
UPDT-8305 CAS: 8015-64-3
SYN: ANGELICA SEED OIL * ANGELIKA OEL (German) * OILS, ANGELICA

TOXICITY DATA AND REFERENCES:
3F07L30M30 orl-rat LD50:11000 mg/kg FCTXAV 13,713,75
" orl-mus LD50:2200 mg/kg FCTXAV 13,713,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BW1980000 ANGELICA SEED OIL
UPDT-8401 CAS: 8015-64-3
SYN: OIL of ANGELICA SEED * OILS, ANGELICA

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,821,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ANGELICA SEED OIL see: BW1960000
ANGELICIN see: LV0940000
ANGELICIN see: WJ2600000
ANGELICIN (COUMARIN DERIV) see: LV0940000
ANGELICIN (STEROID) see: WJ2600000
ANGELIKA OEL (German) see: BW1960000
ANGELI'S SULFONE see: LZ8100000
ANGELI SULFONE see: LZ8100000
7-ANGELOYLHELIOTRIDINE see: EM9257500
O-7-ANGELYLHELIOTRIDINE see: EM9257500
7-ANGELYLHELIOTRIDINE see: EM9257500
ANGERI EXTRACT (Indian) see: OS1830800
ANGIAZOL see: XF8225000
ANGICAP see: RZ2620000
ANGIFLAN see: AR9660000
ANGIGRAFIN see: LZ4315000

BW2080000 ANGILONIA SABICARIAEFOLIA Humb., extract excluding roots
DEF-Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 15,208,77)
UPDT-8405

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

ANGIMUTN see: EB2984600
ANGINAL see: KK7450000
ANGININ see: FC7530000
ANGININE see: FC7530000
ANGININE see: QX2100000
ANGINON see: MF5550000
ANGINYL see: DL0310000
ANGIOCICLAN see: UK9450000
ANGIO-CONRAY see: NT1987000
ANGIO-CONTRIX see: NT1987000
ANGIOGRAFIN see: LZ4315000
ANGIOKAPSUL see: UE9480000
ANGIOMIN see: QT1500000
ANGIOPAC see: YY8575000

BW2160000 ANGIOTENSIN II
UPDT-8408 CAS: 11128-99-7
SYN: 1-L-ASPASAGINYL-5-L-VALYL ANGIOTENSIN OCTAPEPTIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 ivn-mky TDLo:77 mg/kg (21W preg) PSEBAA 129,305,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BW2170000 ANGIOTENSIN II, 1-(N-METHYLGLYCINE)-5-L-VALINE-8-L-ALANINE-, ACETATE (SALT), HYDRATE
UPDT-8411 CAS: 39698-78-7 MW: 1458.76 MOLFM: C42-H65-N13-O10 xC2-H4-O2 xH2-O

TOXICITY DATA AND REFERENCES:
3F12F19J22 ivn-mus LD50:1171 mg/kg PBPSDY 3,176,81

ANGIOTON see: XF8225000
ANGIOTONIN see: XF8225000
ANGITET see: RZ2620000
ANGLISLITE see: OG4375000
ANGOPRIL see: UY1162000 1-PYRROLIDINEETHANAMINE, b-ra-((2-METHYLPROPOXY)METHYL)-N-PHENYL-N-(PHENYLMETHYL)-, MONOHYDROCHLORIDE, MONOHYDRATE
ANGORLISIN see: AJ1460000
ANG.-STERANTHREN (German) see: HN0350000
ANG-STERANTHRENE see: HN0350000
ANGUIDIN see: YD0112000
ANGUIDINE see: YD0112000
ANGUSTMYCIN A see: AU6256000
ANHALINE HYDROCHLORIDE see: SL1225000
ANHIBA see: AE4200000
ANHISTABS see: UT0875000
ANHISTAN see: UY0704600
ANHISTOL see: UT0875000
ANHYDRIDE ACETIQUE (French) see: AK1925000
ANHYDRIDE ARSENIEUX (French) see: CG3325000
ANHYDRIDE ARSENIQUE (French) see: CG2275000
ANHYDRIDE CARBONIQUE (French) see: FF6400000
ANHYDRIDE CARBONIQUE ET OXYDE D'ETHYLENE MELANGES (French) see: KX2625000
ANHYDRIDE CHROMIQUE (French) see: GB6475000
ANHYDRIDE CHROMIQUE (French) see: GB6650000
ANHYDRIDE PHTALIQUE (French) see: TI3150000
ANHYDRIDE VANADIQUE (French) see: YW2450000
ANHYDRID KYSELINY TETRAHYDROFTALOVE (Czech) see: GW5775000
2,2'-ANHYDRO-1-beta-D-ARABINOFURANOSYLCYTOSINE HYDROCHLORIDE see: LV2615000
2,2'-ANHYDROARABINOSYLCYTOSINE see: LV2610000
ANHYDROARA C see: LV2610000
ANHYDRO-4,4'-BIS(DIETHYLAMINO)TRIPHENYLMETHANOL-2',4''-DISULPHONIC ACID, MONOSODIUM SALT see: BP6830000
1,2-ANHYDRO-6-BROMO-6-DEOXYGALACTITOL see: LW5259000
1,4-ANHYDRO-6-BROMO-6-DEOXYGALACTITOL see: LW5260000
1,2-ANHYDRO-6-BROMO-6-DEOXY-D-MANNITOL see: OP2080000
ANHYDRO-4-CARBAMOYL-5-HYDROXY-1-beta-D-RIBOFURANOSYL-IMIDAZOLIUM HYDROXIDE see: NI3980000
ANHYDROCYTIDINE see: LV2610000
2,2'-ANHYDROCYTIDINE see: LV2610000
2,2'-ANHYDROCYTIDINE HYDROCHLORIDE see: LV2615000
ANHYDROEPITETRODOTOXIN see: XF8882000 TETRODOTOXIN, 4,9-ANHYDRO-
3,6-ANHYDRO-D-GALACTAN see: FI0700000
ANHYDROGITALIN see: LZ0525000
ANHYDROGLUCOCHLORAL see: FM9450000
10-(1',5'-ANHYDROGLUCOSYL)ALOE-EMODIN-9-ANTHRONE see: LZ6520000
ANHYDROHYDROXYNORPROGESTERONE see: RC8975000
ANHYDROHYDROXYPROGESTERONE see: TU5570250
ANHYDROL see: KQ6300000
ANHYDRON see: DK9610000
ANHYDRONE see: SC8925000
ANHYDROSORBITOL STEARATE see: WG2933500
delta(sup 5)-ANHYDROSTROPHANTHIDIN see: FH4462000
delta(sup 4)-ANHYDROSTROPHANTHIDOL see: FH4479500
delta(sup 4)-ANHYDROSTROPHANTHIDONE see: FH4464000
ANHYDRO-o-SULFAMINEBENZOIC ACID see: DE4200000
ANHYDROTETRODOTOXIN see: XF8882000 TETRODOTOXIN, 4,9-ANHYDRO-
4,9-ANHYDROTETRODOTOXIN see: XF8882000 TETRODOTOXIN, 4,9-ANHYDRO-
ANHYDRO TRIMELLIC ACID see: DC2050000
ANHYDROUS AMMONIA (DOT) see: BO0875000
ANHYDROUS CHLORAL see: FM7870000
ANHYDROUS CHLOROBUTANOL see: UC0175000
ANHYDROUS DEXTROSE see: LZ6600000
ANHYDROUS HYDRAZINE (DOT) see: MU7175000
ANHYDROUS HYDRIODIC ACID see: MW3760000
ANHYDROUS HYDROBROMIC ACID see: MW3850000
ANHYDROUS HYDROFLUORIC ACID (DOT) see: MW7875000
ANHYDROUS IRON OXIDE see: NO7400000
ANHYDROUS OXIDE of IRON see: NO7400000
ANHYDROUS SODIUM ACETATE see: AJ4375000
ANHYDROUS SODIUM ARSANILATE see: CF9625000

BEST COPY AVAILABLE

ANHYDROUS SODIUM SULFITE see: WE2150000
ANHYDROUS TETRASODIUM PYROPHOSPHATE see: UX7350000
ANHYDROXYPROGESTERONE see: TU5570250
ANI see: NX9100000
ANICON KOMBI see: AG1575000
ANICON M see: AG1575000
ANIDRIDE ACETICA (Italian) see: AK1925000
ANIDRIDE CROMICA (Italian) see: GB6650000
ANIDRIDE FTALICA (Italian) see: TI3150000
ANILANA, combustion products see: AT6975000
ANILAZIN see: XY7175000
ANILAZINE see: XY7175000
ANILERIDINE see: NS5250000
ANILIN (Czech) see: BW6650000
ANILINA (Italian, Polish) see: BW6650000

BW6650000 ANILINE
UPDT:8412 CAS: 62-53-3 MW: 93.14 MOLFM: C6-H7-N
SYN: AMINOBENZENE * AMINOPHEN * ANILIN (Czech) * ANILINA (Italian, Polish) * ANILINE (DOT) * ANILINE OIL * ANILINE OIL, LIQUID (DOT) * ANYVIM * BENZENAMINE * BENZENE, AMINO * BENZIDAM * BLUE OIL * C.I. 76000 * C.I. OXIDATION BASE 1 * CYANOL * HUILE D'ANILINE (French) * KRYSTALLIN * KYANOL * NCI-C03736 * PHENYLAMINE * RCRA WASTE NUMBER U012 * UN 1547 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — 28ZPAK -,65,72
eye-rbt 102 mg SEV — BIOFX* 1-5/69

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate — PJABDW 53,34,77
dnr-esc 25 uL/well/16H — CBINAB 15,219,76
cyt-smc 40 mmol/tube — MEREAY 33,457,47
dnd-rat-orl 4800 nmol/kg — CBINAB 33,301,81
dnd-rat-ipr *05 mg/kg — MUREAV 79,173,80
bfa-rat/sat 300 mg/kg — TOLEDS 16,235,83
sce-rat:lvr 200 umol/L — JJINDB 67,1303,81
otr-mus:fbr 800 ug/L — ARTODN (Suppl 5),355,82
dnd-mus-ipr 300 mg/kg — CNREA8 42,2277,82
sce-mus-ipr 210 mg/kg

TUMORIGENIC DATA AND REFERENCES:
2V02M60 orl-rat TDLo:11 gm/kg/29W-C — APMIAL 26,472,49

TOXICITY DATA AND REFERENCES:
unk-man LDLo:350 mg/kg — JIDHAN 13,87,31
unk-man LDLo:150 mg/kg — 85DCAI 2,73,70
orl-rat LD50:250 mg/kg — JPETAB 90,260,47
ihl-rat LCLo:250 ppm/4H — JIHTAB 31,343,49
skn-rat LD50:1400 mg/kg — AGGHAR 15,447,57
ipr-rat LD50:420 mg/kg — AGGHAR 15,447,57
orl-mus LD50:690 mg/kg — GTPZAB 25(8),50,81
ihl-mus LC50:175 ppm/7H — NTIS** PB214-270
ipr-mus LD50:492 mg/kg — IZSBAI 3,91,65
scu-mus LD50:200 mg/kg — ARZNAD 8,107,58
orl-dog LD50:195 mg/kg — NTIS** PB214-270
skn-dog LDLo:1340 mg/kg — NTIS** PB214-270
ivn-dog LDLo:200 mg/kg — NTIS** PB214-270
ihl-cat LCLo:180 ppm/8H — XPHBAO 271,4,41
skn-cat LD50:254 mg/kg — GTPZAB 13(5),29,69
scu-cat LDLo:100 mg/kg — HBAMAK 4,1289,35
orl-rbt LDLo:1 gm/kg — HBAMAK 4,1289,35
skn-rbt LDLo:820 mg/kg — PJPPAA 32,223,80
ipr-rbt LDLo:200 mg/kg — KLWOAZ 13,983,34
scu-rbt LDLo:1250 mg/kg — MELAAD 28,112,37
orl-gpg LDLo:1750 mg/kg — JIDHAN 13,87,31
skn-gpg LD50:1290 mg/kg — TXAPA9 7,559,65

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 4,27,74
★ CARCINOGENIC REVIEW:HUMAN NEGATIVE — IARC** 4,27,74
★ TLV-TWA 2 ppm; STEL 5 ppm — DTLVS* 4,18,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP:K) — FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 168, VOL 3 S310
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BW6825000 ANILINE, 2-(ACETOXYMERCURI)-4-NITRO-
UPDT:7901 CAS: 54481-45-7 MW: 396.77 MOLFM: C8-H8-Hg-N2-O4
SYN: MERCURY, ACETATO(2-AMINO-5-NITROPHENYL)-

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:250 mg/kg — NCNSA6 5,12,53

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) — DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 — NTIS**

ANILINE, N-ACETYL- see: AD7350000
ANILINE ANTIMONYL TARTRATE see: BY7875000

BW7350000 ANILINE, ARSENATE
UPDT:7901 CAS: 6395-41-5 MW: 421.37 MOLFM: C18-H21-N3-As-H3-O4
SYN: ARSENIC ACID, ANILINE SALT * ARSENIC ACID, compd. with BENZENAMINE (1:3) (9CI)

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg — NCNSA6 5,11,53
ipr-rat LDLo:25 mg/kg — NCNSA6 5,11,53

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M — NTIS**

BW7360000 ANILINE, p-ARSENOSO-
UPDT:7903 CAS: 3122-90-3 MW: 183.05 MOLFM: C6-H6-As-N-O
SYN: p-ARSENOSOANILINE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:4 mg/kg — JMCMAR 9,221,66

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

BW7370000 ANILINE, p-ARSENOSO-N,N-BIS(2-CHLOROETHYL)-
UPDT:7903 CAS: 4164-07-2 MW: 308.05 MOLFM: C10-H12-As-Cl2-N-O
SYN: p-ARSENOSO-N,N-BIS(2-CHLOROETHYL)ANILINE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:5545 ug/kg — JMCMAR 9,221,66

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

BW7380000 ANILINE, p-ARSENOSO-N,N-BIS(2-HYDROXYETHYL)-
UPDT:7902 CAS: 5185-80-8 MW: 271.17 MOLFM: C10-H14-As-N-O3
SYN: p-ARSENOSO-N,N-BIS(2-HYDROXYETHYL)ANILINE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:7593 ug/kg — JMCMAR 9,221,66

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

BW7390000 ANILINE, p-ARSENOSO-N,N-DIETHYL-
UPDT:7906 CAS: 4164-06-1 MW: 239.17 MOLFM: C10-H14-As-N-O
SYN: p-ARSENOSO-N,N-DIETHYLANILINE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2809 ug/kg — JMCMAR 9,221,66

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

ANILINE, p-ARSENOSO-, DIHYDRATE see: CG7250000
P-ANILINEARSONIC ACID see: CF7875000

BW7449000 ANILINE, p,p'-AZOBIS(N,N-DIMETHYL-
UPDT:8401 CAS: 6257-64-3 MW: 268.40 MOLFM: C16-H20-N4
SYN: p,p'-AZOBIS(N,N-DIMETHYLANILINE) * 4,4'-BIS(DIMETHYLAMINO)AZOBENZENE

MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate — MUREAV 93,67,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BW7500000 ANILINE, p-(5-BENZOFURYLAZO)-N,N-DIMETHYL-
UPDT:8401 CAS: 42242-59-1 MW: 265.34 MOLFM: C16-H15-N3-O
SYN: p-(5-BENZOFURYLAZO)-N,N-DIMETHYLANILINE * N,N-DIMETHYL p-(5-BENZOFURYLAZO)ANILINE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:4320 mg/kg/17W-C — JMCMAR 16,717,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BW7570000 ANILINE, p-(7-BENZOFURYLAZO)-N,N-DIMETHYL-
UPDT:8401 CAS: 42242-58-0 MW: 265.34 MOLFM: C16-H15-N3-O
SYN: p-(7-BENZOFURYLAZO)-N,N-DIMETHYLANILINE * N,N-DIMETHYL p-(7-BENZOFURYLAZO)ANILINE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:1620 mg/kg/13W-C — JMCMAR 16,717,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BW8225000 ANILINE, N,N-BIS(2-CHLOROETHYL)-
UPDT:8405 CAS: 553-27-5 MW: 218.14 MOLFM: C10-H13-Cl2-N
SYN: ANILINE MUSTARD * N,N-BIS(2-CHLOROETHYL)ANILINE * N,N-BIS(2-CHLOROETHYL)BENZENAMINE * beta,beta'-DICHLORODIETHYLANILINE * N,N-DI(2-CHLOROETHYL)ANILINE * LYMPHCHIN * LYMPHOCIN * LYMPHOQUIN * NSC-18429 * PHENYLBIS(2-CHLOROETHYLAMINE) * TL 476

MUTATION DATA AND REFERENCES:
dnd-mus:lym 30 umol/L — CNREA8 44,78,84

TOXICITY DATA AND REFERENCES:
orl-rat LD50:239 mg/kg — NCIMR* -,469,69
ipr-rat LD50:141 mg/kg — BCPCA6 13,969,64
orl-mus LD50:123 mg/kg — NCIMR* -,469,69
ihl-mus LCLo:500 mg/m3/10M — NDRC** NDCrc-132,Dec,42
ipr-mus LD50:52 mg/kg — NCIMR* -,469,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BW8300000 ANILINE, N,N-BIS(2-CHLOROETHYL)-p-BUTOXY-
UPDT:8311 CAS: 27077-15-2 MW: 290.26 MOLFM: C14-H21-Cl2-N-O
SYN: p-N,N-BIS(2-CHLOROETHYL)AMINOPHENOL BUTYL ETHER * N,N-BIS(2-CHLOROETHYL)-p-BUTOXYANILINE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:207 mg/kg — JPMSAE 71,1349,82

BW8400000 ANILINE, N,N-BIS(2-CHLOROETHYL)-2,3-DIMETHOXY-
UPDT:8401 CAS: 4213-41-6 MW: 278.20 MOLFM: C12-H17-Cl2-N-O2
SYN: N,N-BIS(2-CHLOROETHYL)-2,3-DIMETHOXYANILINE * 2,3-DIMETHOXYANILINE MUSTARD * NSC-18439

TUMORIGENIC DATA AND REFERENCES:
2V01J60 ipr-mus TDLo:27 mg/kg/4W — JNCIAM 36,915,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BW8523000 ANILINE, N,N-BIS(2-CHLOROETHYL)-p-HEXYLOXY-
UPDT:8311 CAS: 82894-36-8 MW: 318.32 MOLFM: C16-H25-Cl2-N-O
SYN: p-N,N-BIS(2-CHLOROETHYL)AMINOPHENOL HEXYL ETHER * N,N-BIS(2-CHLOROETHYL)-p-HEXYLOXYANILINE

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:340 mg/kg — JPMSAE 71,561,82

BW8565000 ANILINE, N,N-BIS(2-CHLOROETHYL)-p-PROPOXY-
UPDT:8311 CAS: 84608-40-2 MW: 276.23 MOLFM: C13-H19-Cl2-N-O
SYN: p-N,N-BIS(2-CHLOROETHYL)AMINOPHENOL PROPYL ETHER

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:167 mg/kg — JPMSAE 71,1349,82

BW8700000 ANILINE, N,N-BIS(2-(2,3-EPOXYPROPOXY)ETHOXY)-
UPDT:8305 CAS: 63951-08-6 MW: 325.40 MOLFM: C16-H23-N-O6
SYN: N,N-BIS(2-(2,3-EPOXYPROPOXY)ETHOXYANILINE * DIGLYCIDYL ETHER of N,N-BIS(2-HYDROXYETHOXYETHYL)ANILINE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:5600 mg/kg/60W-I — FCTXAV 4,365,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BW8750000 ANILINE, N,N-BIS(2-(2,3-EPOXYPROPOXY)ETHYL)-
UPDT:8401 CAS: 7329-29-5 MW: 293.40 MOLFM: C16-H23-N-O4
SYN: N,N-BIS(2-(2,3-EPOXYPROPOXY)ETHYL)ANILINE * DIGLYCIDYL ETHER of PHENYLDIETHANOLAMINE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2820 mg/kg/43W-I — BECCAN 42,37,64
2V03V10 scu-mus TD :22 gm/kg/39W-I — FCTXAV 4,365,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BW8924000 ANILINE, BIS(2,3-EPOXYPROPYL)-
UPDT:8408 CAS: 32144-31-3 MW: 205.28 MOLFM: C12-H15-N-O2
SYN: BENZENAMINE, BIS(OXIRANYLMETHYL)- (9CI) * DIGLYCIDYLANILINE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate — MUREAV 135,159,84
mnt-mus-orl 1 gm/kg — MUREAV 135,159,84
cyt-ham:ovr 8 mg/L — MUREAV 135,159,84

BW8925000 ANILINE, N,N-BIS(2,3-EPOXYPROPYL)-
UPDT:8307 CAS: 2095-06-9 MW: 205.28 MOLFM: C12-H15-N-O2
SYN: BIS(2,3-EPOXYPROPYL)ANILINE * N,N-BIS(2,3-EPOXYPROPYL)ANILINE * BIS(EPOXYPROPYL)PHENYLAMINE * N,N-DIGLYCIDYLANILIN (Czech) * N,N-DIGLYCIDYLANILINE * N,N-DIGLYCIDYLPHENYLAMINE * OXIRANEMETHANAMINE, N-(OXIRANYLMETHYL)-N-PHENYL (9CI)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV — 28ZPAK -,136,72
eye-rbt 500 mg/24H MOD — 28ZPAK -,136,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1620 mg/kg — AIHAAP 30,470,69
skn-rbt LD50:3560 mg/kg — AIHAAP 30,470,69

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BW9100000 ANILINE, 2,6-BIS(HYDROXYMERCURI)-4-NITRO-
UPDT:7901 CAS: 63951-09-7 MW: 571.32 MOLFM: C6-H6-Hg2-N2-O4
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:250 mg/kg NCNSA6 5,12,53
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

BW9280000 ANILINE, p-BROMO-
UPDT:8401 CAS: 106-40-1 MW: 172.04 MOLFM: C6-H6-Br-N
SYN: BENZENAMINE, 4-BROMO- (9CI) * 4-BROMANILINU (Czech) * p-BROMOANILINE * 4-BROMOANILINE (9CI) * p-BROMOPHENYLAMINE
MUTATION DATA AND REFERENCES:
dns-rat:lvr 50 umol/L ENMUDM 3,11,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:456 mg/kg CEHYAN 23,168,78
* orl-mus LD50:289 mg/kg GISAAA 44(12),19,79
* ipr-mus LD50:248 mg/kg GISAAA 44(12),19,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BW9302900 ANILINE, N-(2-BROMOETHYL)-2,4-DINITRO-
UPDT:8305 MW: 290.10 MOLFM: C8-H8-Br-N3-O4
SYN: N-beta-BROMOETHYL-2,4-DINITROANILINE * N-(2-BROMOETHYL)-2,4-DINITROANILINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 200 mg/kg BJPCAL 6,357,51

BW9303000 ANILINE, 2-BROMO-4,6-DINITRO-
UPDT:8412 CAS: 1817-73-8 MW: 262.04 MOLFM: C6-H4-Br-N3-O4
SYN: 2-BROMO-4,6-DINITROANILINE * BROMO DNA * 2,4-DINITRO-6-BROMANILIN (czech) * NCI-C60844
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,94,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4490 mg/kg 28ZPAK -,94,72
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

BW9430000 ANILINE, 2-sec-BUTOXY-5-NITRO-
UPDT:8406 MW: 210.26 MOLFM: C10-H14-N2-O3
SYN: 2-sec-BUTOXY-5-NITROANILINE * 1-OXY-2-AMINO-4-NITROBENZOL sec-BUTYL AETHER (German)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:700 mg/kg AEPPAE 208,178,49

BW9450000 ANILINE, N-BUTYL-
UPDT:8411 CAS: 1126-78-9 MW: 149.26 MOLFM: C10-H15-N
SYN: BENZENAMINE, N-BUTYL- (9CI) * N-BUTYLANILINE * N-(n-BUTYL)ANILINE * N-n-BUTYLANILINE (DOT) * 4-(PHENYLAMINO)BUTANE * UN 2738 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1620 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:5990 mg/kg AMIHBC 10,61,54
* unk-mam LD50:282 mg/kg GISAAA 48,6),22,83
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102.83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BW9500000 ANILINE, N-sec-BUTYL-4-tert-BUTYL-2,6-DINITRO-
UPDT:8408 CAS: 33629-47-9 MW: 295.38 MOLFM: C14-H21-N3-O4
SYN: A 820 * 72-A34 * AMCHEM 70-25 * AMEX * AMEX 820 * 70-31AB * BENZENAMINE, 4-(1,1-DIMETHYLETHYL)-N-(1-METHYLPROPYL)-2,6-DINITRO- (9CI) * BUTALIN * BUTRALIN * N-sec-BUTYL-4-tert-BUTYL-2,6-DINITROANILINE * DIBUTALIN * 4-(1,1-DIMETHYLETHYL)-N-(1-METHYLPROPYL)-2,6-DINITROBENZENAMINE * RUTRALIN * TAMEX
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg MEIEDD 10,213,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BW9625000 ANILINE, p-((p-BUTYLPHENYL)AZO)-N,N-DIMETHYL-
UPDT:8401 CAS: 24596-39-2 MW: 281.44 MOLFM: C18-H23-N3
SYN: 4'-n-BUTYL-4-DIMETHYLAMINOAZOBENZENE * p-((p-BUTYLPHENYL)AZO)-N,N-DIMETHYLANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:13 mg/kg/Y-C JNCIAM 27,663,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BW9800000 ANILINE, p-((p-(t-BUTYL)PHENYL)AZO)-N,N-DIMETHYL-
UPDT:8401 CAS: 24596-41-6 MW: 281.44 MOLFM: C18-H23-N3
SYN: 4'-t-BUTYL-4-DIMETHYLAMINOAZOBENZENE * p-((p-t-BUTYLPHENYL)AZO)-N,N-DIMETHYLANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:12852 mg/kg/Y-C JNCIAM 27,663,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANILINE CARMINE POWDER see: DU3000000
ANILINE CHLORIDE see: CY0875000

BX0350000 ANILINE, m-CHLORO-
UPDT:8412 CAS: 108-42-9 MW: 127.58 MOLFM: C6-H6-Cl-N
SYN: m-AMINOCHLOROBENZENE * 1-AMINO-3-CHLOROBENZENE * BENZENAMINE, 3-CHLORO- (9CI) * 3-CHLOORANILINEN (Dutch) * m-CHLORANILINE * m-CHLOROANILINE * 3-CHLOROANILINE * m-CHLOROANILINE, liquid (DOT) * m-CHLOROANILINE, solid (DOT) * 3-CHLOROBENZENAMINE * m-CHLOROPHENYLAMINE * 3-CHLOROPHENYLAMINE * 3-CLOROANILINE (Italian) * FAST ORANGE GC BASE * ORANGE GC BASE * UN 2018 (DOT) * UN 2019 (DOT)
MUTATION DATA AND REFERENCES:
mmo-asn 200 mg/L CJMIAZ 16,369,70
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:256 mg/kg GISAAA 31(12),6,66
orl-mus LD50:334 mg/kg GTPZAB 13(5),29,69
ivn-dog LDLo:50 mg/kg AEPPAE 244,387,63
skn-cat LD50:223 mg/kg GTPZAB 13(5),29,69
scu-cat LDLo:125 mg/kg AHBAAM 110,12,33
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102.83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX0525000 ANILINE, o-CHLORO-
UPDT:8312 CAS: 95-51-2 MW: 127.58 MOLFM: C6-H6-Cl-N
SYN: 1-AMINO-2-CHLOROBENZENE * BENZENAMINE, 2-CHLORO- (9CI) * o-CHLORANILINE * o-CHLOROANILINE * 2-CHLOROANILINE * o-CHLOROANILINE, liquid (DOT) * o-CHLOROANILINE, solid (DOT) * FAST YELLOW GC BASE * UN 2018 (DOT) * UN 2019 (DOT)
MUTATION DATA AND REFERENCES:
dnr-esc 500 ug/L JJINDB 62,873,79
mmo-asn 200 mg/L CJMIAZ 16,369,70
TOXICITY DATA AND REFERENCES:
orl-mus LD50:256 mg/kg GTPZAB 13(5),29,69
skn-cat LD50:222 mg/kg GTPZAB 13(5),29,69
scu-cat LDLo:310 mg/kg AHBAAM 110,12,33
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102.83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

BX0700000 ANILINE, p-CHLORO-
UPDT:8412 CAS: 106-47-8 MW: 127.58 MOLFM: C6-H6-Cl-N
SYN: 1-AMINO-4-CHLOROBENZENE * ANILINE, 4-CHLORO- * BENZENEAMINE, 4-CHLORO * 4-CHLORANILIN (Czech) * p-CHLORANILINE * p-CHLOROANILINE * 4-CHLOROANILINE * p-CHLOROANILINE, liquid (DOT) * 4-CHLOROBENZENAMINE * p-CHLOROANILINE, solid (DOT) * 4-CHLOROPHENYLAMINE * NCI-C02039 * RCRA WASTE NUMBER P024 * UN 2018 (DOT) * UN 2019 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD 28ZPAK -,96,72
eye-rbt 250 ug/24H SEV 28ZPAK -,96,72
MUTATION DATA AND REFERENCES:
mma-sat 666 ug/plate IAPUDO 27,283,80
dnr-esc 5 mg/L JJINDB 62,873,79
mmo-asn 200 mg/L CJMIAZ 16,369,70
otr-rat:emb 14500 ng/plate JJATDK 1,190,81
dns-rat:lvr 5 mg/L MUREAV 97,359,82
otr-ham:emb 10 ug/L NCIMAV 58,243,81
TUMORIGENIC DATA AND REFERENCES:
3V03H60P60 orl-rat TDLo:14 gm/kg/78W-C NCITR* NCI-CG-TR-189,79
2V03H60 orl-mus TDLo:328 gm/kg/78W-C NCITR* NCI-CG-TR-189,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:310 mg/kg AIHAAP 23,95,62
skn-rat LD50:3200 mg/kg AGGHAR 15,447,57
ipr-rat LD50:420 mg/kg AGGHAR 15,447,57
orl-mus LD50:100 mg/kg NCILB* NCI-E-C-72-3252
* ihl-mus LC12:250 mg/m3/6H 85GMAT -,34,82
ivn-dog LDLo:100 mg/kg AEPPAE 244,387,63
skn-cat LD50:239 mg/kg GTPZAB 13(5),29,69
scu-cat LDLo:125 mg/kg AHBAAM 110,12,33
1R10 skn-rbt LD50:360 mg/kg AIHAAP 23,95,62
* orl-gpg LD50:350 mg/kg 85GMAT -,34,82
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102.83
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE;MOUSE, RAT (NCITR* NCI-CG-TR-189,79)
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANILINE, 4-CHLORO- see: BX0700000

BX0879000 ANILINE, 4-CHLORO-3-(2-(2-(DIETHYLAMINO)ETHOXY)ETHYL)-
UPDT:8411 CAS: 26064-92-6 MW: 270.84 MOLFM: C14-H23-Cl-N2-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

BX1227500 ANILINE, 6-CHLORO-2,4-DINITRO-, HYDROCHLORIDE
UPDT:8412 MW: 254.04 MOLFM: C6-H4-Cl-N3-O4 Cl-H
SYN: 6-CHLORO-2,4-DINITROANILINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2680 mg/kg GTPZAB 25(8),50,81
* orl-mus LD50:4140 mg/kg GTPZAB 25(8),50,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ANILINE, 2-CHLORO-N-(2,4-DINITRO-6-(TRIFLUOROMETHYL)PHENYL)-5-(TRIFLUOROMETHYL)- see: BX1230000

BX1230000 ANILINE, 2-CHLORO-N-(4,6-DINITRO-alpha,alpha,alpha-TRIFLUORO-o-TOLYL)-5-(TRIFLUOROMETHYL)-
UPDT:8312 CAS: 62441-54-7 MW: 429.68 MOLFM: C14-H6-Cl-F6-N3-O4
SYN: ANILINE, 2-CHLORO-N-(2,4-DINITRO-6-(TRIFLUOROMETHYL)PHENYL)-5-(TRIFLUOROMETHYL)- * BENZENAMINE, N-(2-CHLORO-5-(TRIFLUOROMETHYL)PHENYL)-2,4-DINITRO-6-(TRIFLUOROMETHYL)- (9CI) * N-(2-CHLORO-5-(TRIFLUOROMETHYL)PHENYL)-2,4-DINITRO-6-(TRIFLUOROMETHYL)BENZENAMINE * DIPHENYLAMINE, 2,5-BIS(TRIFLUOROMETHYL)-2'-CHLORO-4,6-DINITRO- * FAMAFLUR * FENTRIFANIL * FLUFENAMINE * PP.199
TOXICITY DATA AND REFERENCES:
orl-rat LD50:94 mg/kg 85ARAE 1,76,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX1260000 ANILINE, N-(2-CHLOROETHYL)-2,4-DINITRO-
UPDT:8305 MW: 245.64 MOLFM: C8-H8-Cl-N3-O4
SYN: N-beta-CHLOROETHYL-2,4-DINITROANILINE * N-(2-CHLOROETHYL)-2,4-DINITROANILINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 100 mg/kg BJPCAL 6,357,51

BX1300000 ANILINE, N-(2-CHLOROETHYL)-N-ETHYL-
UPDT:8306 CAS: 92-49-9 MW: 183.70 MOLFM: C10-H14-Cl-N
SYN: BENZENAMINE, N-(2-CHLOROETHYL)-N-ETHYL- (9CI) * N-(2-CHLOROETHYL)-N-ETHYLANILINE * EMERY 5770 * ETHYL(CHLOROETHYL)ANILINE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:200 mg/kg JMCMAR 8,167,65
ipr-mus LD50:325 mg/kg JMCMAR 8,167,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT BEHQ-0578-0169-S

BX1393000 ANILINE, N-(2-CHLOROETHYL)-N-METHYL-4-(PHENYLAZO)-
UPDT:8406 CAS: 38115-53-6 MW: 273.79 MOLFM: C15-H16-Cl-N3
SYN: BENZENAMINE, N-(2-CHLOROETHYL)-N-METHYL-4-(PHENYLAZO)- (9CI) * N-CHLOROETHYL-N-METHYL-AMINOAZOBENZENE * N-(2-CHLOROETHYL)-N-METHYL-4-(PHENYLAZO)ANILINE
MUTATION DATA AND REFERENCES:
sln-dmg-par 10 mmol/L IJCNAW 10,194,72
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

BX1399000 ANILINE, 2-CHLORO-4-(METHYLSULFONYL)-
UPDT:8305 MW: 205.67 MOLFM: C7-H8-Cl-N-O2-S
SYN: 4-AMINO-3-CHLOROFENYLOMETHYLOSULFON (Polish) * 4-AMINO-3-CHLOROPHENYLMETHYLSULFONE * 4-AMINO-3-CHLOROPHENYLMETHYLSULPHONE * 2-CHLORO-4-(METHYLSULFONYL)ANILINE
TOXICITY DATA AND REFERENCES:
2L03M03 orl-rat LD50:9500 mg/kg BCTKAG 13,107,80

BEST COPY AVAILABLE

2[illegible]M03 ipr-rat LDLo:1800 mg/kg BCTKAG 13,107,80

BX1399700 ANILINE, CHLORONITRO-
UPDT:8312 CAS: 41587-36-4 MW: 172.58 MOLFM: C6-H5-Cl-N2-O2
SYN: CHLORONITROANILINES (DOT) * UN 2237 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

BX1400000 ANILINE, 2-CHLORO-4-NITRO-
UPDT:8302 CAS: 121-87-9 MW: 172.58 MOLFM: C6-H5-Cl-N2-O2
SYN: 1-AMINO-2-CHLORO 4-NITROBENZENE * α-CHLORO-p-NITROANILINE * 2-CHLORO-4-NITROANILINE * 4-NITRO-2-CHLOROANILINE * OCPNA

TOXICITY DATA AND REFERENCES:
orl-rat LD50:6430 mg/kg GTPZAB 25(8),50,81
* orl-mus LD50:1250 mg/kg GTPZAB 25(8),50,81
ipr-mus LDLo:500 mg/kg CBCCT* 5,337,53
ivn-mus LDLo:50 mg/kg CBCCT* 6,138,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

BX1575000 ANILINE, 4-CHLORO-2-NITRO-
UPDT:8412 CAS: 89-63-4 MW: 172.58 MOLFM: C6-H5-Cl-N2-O2
SYN: AZOENE FAST RED 3GL BASE * AZOENE FAST RED 3GL SALT * AZOFIX RED 3GL SALT * AZOIC DIAZO COMPONENT 9 * BENZENAMINE, 4-CHLORO-2-NITRO- (9CI) * p-CHLORO-o-NITROANILINE * 4-CHLORO-2-NITROANILINE * C.I. 37040 * C.I. AZOIC DIAZO COMPONENT 9 * DAITO RED BASE 3GL * DAITO RED SALT 3GL * DEVOL RED F * DEVOL RED SALT F * DIAZO FAST RED 3GL * FAST RED BASE 3GL SPECIAL * FAST RED BASE 3JL * FAST RED 3GL BASE * FAST RED 2NC BASE * FAST RED 3GL SALT * FAST RED 3GL SPECIAL BASE * FAST RED 3GL SPECIAL SALT * FAST RED 2NC SALT * FAST RED SALT 3GL * FAST RED SALT 3JL * HILTONIL FAST RED 3GL BASE * HILTOSAL FAST RED 3GL SALT * KAYAKU FAST RED 3GL BASE * KAYAKU RED SALT 3GL * MITSUI RED 3GL BASE * MITSUI RED 3GL SALT * NAPHTHANIL RED 3G BASE * NAPHTOELAN FAST RED 3GL BASE * NAPHTOELAN FAST RED 3GL SALT * NCI-C60355 * 2-NITRO-4-CHLOROANILINE * PCON * PCONA * RED 3G BASE * RED BASE CIBA VI * RED BASE 3 GL * RED BASE IRGA VI * RED 3G SALT * RED 3GS SALT * RED SALT CIBA VI * RED SALT IRGA VI * RED SALT NBGL * SANYO FAST RED SALT 3GL * SHINNIPPON FAST RED 3GL BASE * SYMULON RED 3GL SALT

MUTATION DATA AND REFERENCES:
mma-sat 33 ug/plate ENMUDM 5(Suppl 1),3,83

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:63 mg/kg CBCCT* 6,139,54

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

BX1750000 ANILINE, 4-CHLORO-3-NITRO-
UPDT:8306 CAS: 635-22-3 MW: 172.58 MOLFM: C6-H5-Cl-N2-O2
SYN: 4-CHLORO 3-NITROANILINE

TOXICITY DATA AND REFERENCES:
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0882-0452

BX1770000 ANILINE, p-(p-CHLOROPHENOXY)-
UPDT:8405 CAS: 101-79-1 MW: 219.68 MOLFM: C12-H10-Cl-N-O
SYN: BENZENAMINE, 4-(4-CHLOROPHENOXY) (9CI) * 4-CHLORO-4-AMINOBIPHENYL ETHER * 4-CHLORO-4'-AMINODIPHENYL ETHER * p-(p-CHLOROPHENOXY)ANILINE * 4-(4-CHLOROPHENOXY)ANILINE * 4-(4-CHLOROPHENOXY)BENZENAMINE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CBINA8 44,133,83

TUMORIGENIC DATA AND REFERENCES:
3V01L60N60 orl-rat TDLo:38 gm/kg/78W-C JEPTDQ 2(2),325,78
2V02H60 orl-mus TDLo:150 gm/kg/78W-C JEPTDQ 2(2),325,78
2V03M60 orl-mus TD :302 gm/kg/78W-C JEPTDQ 2(2),325,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX1925000 ANILINE, p-((3-CHLORO-p-TOLYL)AZO)-N,N-DIMETHYL-
UPDT:8401 CAS: 63951-11-1 MW: 273.79 MOLFM: C15-H16-Cl-N3
SYN: 3'-CHLORO-4'-METHYL-4-DIMETHYLAMINOAZOBENZENE * p-((3-CHLORO-p-TOLYL)AZO)-N,N-DIMETHYLANILINE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:9774 mg/kg/34W-I CNREA8 30,1520,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX2100000 ANILINE, p-((4-CHLORO-m-TOLYL)AZO-N,N-DIMETHYL-
UPDT:8401 CAS: 17010-59-2 MW: 273.79 MOLFM: C15-H16-Cl-N3
SYN: p-((4-CHLORO-m-TOLYL)AZO)-N,N-DIMETHYLANILINE * N,N-DIMETHYL-p-((4-CHLORO-m-TOLYL)AZO)ANILINE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:1027 mg/kg/50D-I CNREA8 30,1520,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX2275000 ANILINE, p-(p-CUMENYLAZO)-N,N-DIMETHYL-
UPDT:8401 CAS: 24596-38-1 MW: 267.41 MOLFM: C17-H21-N3
SYN: p-(p-CUMENYLAZO)-N,N-DIMETHYLANILINE * 4'-ISOPROPYL-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:2142 mg/kg/17W-C JNCIAM 27,663,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX2320000 ANILINE, p-CYANO-
UPDT:8406 CAS: 873-74-5 MW: 118.15 MOLFM: C7-H6-N2
SYN: p-AMINOBENZONITRILE * 4-AMINOBENZONITRILE * BENZONITRILE, p-AMINO- (8CI) * BENZONITRILE, 4-AMINO- (9CI) * p-CYANOANILINE * 4-CYANOANILINE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:650 mg/kg APFRAD 41,391,83
ipr-mus LD50:155 mg/kg JMCMAR 17,900,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BX2540000 ANILINE, DICHLORO- (mixed isomers)
UPDT:8401 CAS: 27134-27-6 MW: 162.02 MOLFM: C6-H5-Cl2-N
SYN: BENZENAMINE, ar,ar-DICHLORO- (9CI) * o-DICHLOROANILINE * DICHLOROANILINES * DICHLOROANILINES (DOT) * UN 1590 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

BX2625000 ANILINE, 3,4-DICHLORO-
UPDT:8306 CAS: 95-76-1 MW: 162.02 MOLFM: C6-H5-Cl2-N
SYN: 1-AMINO-3,4-DICHLOROBENZENE * BENZENAMINE, 3,4-DICHLORO- (9CI) * DCA * 3,4-DCA * 3,4-DICHLORANILIN * 3,4-DICHLORANILINE * 3,4-DICHLOROANILINE * 4,5-DICHLOROANILINE * 3,4-DICHLOROBENZENAMINE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,96,72
eye-rbt 250 ug 24H SEV 28ZPAK -,96,72

MUTATION DATA AND REFERENCES:
mma-asn 200 mg/L CJMIAZ 16,369,70

TOXICITY DATA AND REFERENCES:
orl-rat LD50:648 mg/kg 28ZPAK -,96,72
ipr-rat LD50:280 mg/kg LPPTAK 27,306,79
orl-mus LD50:740 mg/kg GTPZAB 13(5),29,69
ipr-mus LD50:310 mg/kg LPPTAK 27,306,79
skn-cat LD50:700 mg/kg GTPZAB 13(5),29,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0981-0409

BX2700000 ANILINE, p-DICHLOROARSINO-, HYDROCHLORIDE
UPDT:7901 CAS: 5410-78-6 MW: 274.41 MOLFM: C6-H6-As-Cl2-N Cl-H
SYN: 4-ANILINODICHLOROARSINE HYDROCHLORIDE * ARSINE, (p-AMINOPHENYL)DICHLORO-, HYDROCHLORIDE * p-DICHLOROARSINOANILINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:6300 ug/kg CSLNX* NX#05113

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
ANILINE, N-((DICHLOROFLUOROMETHYL)THIO)-N-((DIMETHYLAMINO)SULFONYL)- see: WO6475000

BX2975000 ANILINE, 2,6-DICHLORO-4-NITRO-
UPDT:8408 CAS: 99-30-9 MW: 207.02 MOLFM: C6-H4-Cl2-N2-O2
SYN: AL-50 * ALLISAN * BENZENAMINE, 2,6-DICHLORO-4-NITRO- (9CI) * BORTRAN * BOTRAN * CDNA * CNA * DCNA * DCNA (fungicide) * DICHLORAN * DICHLORAN (amine fungicide) * DICLORAN * 2,6-DICHLOR-4-NITROANILIN (Czech) * 2,6-DICHLORO-4-NITROANILINE * 2,6-DICHLORO-4-NITROBENZENAMINE * DITRANIL * 4-NITROANILINE, 2,6-DICHLORO- * RD-6584 * RESISAN * U-2069

MUTATION DATA AND REFERENCES:
mma-asn 14 umol/L PHYTAJ 66,217,76
sln-asn 38 umol/L EVHPAZ 31,81,79

TUMORIGENIC DATA AND REFERENCES:
3V03L60P60 orl-mus TDLo:80 gm/kg/78W-I NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1500 mg/kg WRPCA2 9,119,70
orl-mus LD50:1500 mg/kg PCOC** -,343,66
* ivn-mus LD50:56 mg/kg CSLNX* NX#03022
orl-gpg LD50:1450 mg/kg PCOC** -,343,66
unk-mam LD50:1500 mg/kg 30ZDA9 -,87,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX3100000 ANILINE, p-(2,4-DICHLOROPHENOXY)-
UPDT:8406 CAS: 14861-17-7
SYN: BENZENAMINE, 4-(2,4-DICHLOROPHENOXY) (9CI) * 2',4'-DICHLORO-4-AMINOBIPHENYL ETHER

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CBINA8 44,133,83

BX3150000 ANILINE, p-((3,4-DICHLOROPHENYL)AZO-N,N-DIMETHYL-
UPDT:8401 CAS: 17010-61-6 MW: 294.20 MOLFM: C14-H13-Cl2-N3
SYN: BENZENAMINE, 4-((3,4-DICHLOROPHENYL)AZO)-N,N-DIMETHYL- (9CI) * 3',4'-Cl2-DAB * 3',4'-DICHLORO-4-DIMETHYLAMINOAZOBENZENE * p-((3,4-DICHLOROPHENYL)AZO)-N,N-DIMETHYLANILINE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:11 gm/kg/17W-I CNREA3 30,1520,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX3400000 ANILINE, N,N-DIETHYL-
UPDT:8411 CAS: 91-66-7 MW: 149.26 MOLFM: C10-H15-N
SYN: BENZENAMINE, N,N-DIETHYL- (9CI) * DEA * N,N-DIETHYLAMINOBENZENE * DIAETHYLANILIN (German) * N,N-DIETHYLANILIN (Czech) * DIETHYLANILINE * N,N-DIETHYLANILINE * N,N-DIETHYLANILINE (DOT) * DIETHYLPHENYLAMINE * UN 2432 (DOT)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:782 mg/kg MarJV# 29MAR77
ipr-rat LD50:420 mg/kg AGGHAR 15,447,57
* unk-mam LD50:2570 mg/kg GISAAA 48(6),22,83

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0282-0430

BX3500000 ANILINE, 2,6-DIETHYL-
UPDT:8407 CAS: 579-66-8 MW: 149.26 MOLFM: C10-H15-N
SYN: BENZENAMINE, 2,6-DIETHYL- (9CI) * 2,6-DIETHYL ANILINE

TOXICITY DATA AND REFERENCES:
3L30P26P27 orl-rat LD50:1800 mg/kg FAATDF 3,285,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BX3535000 ANILINE, N-(o-(2-(DIETHYLAMINO)ETHOXY)BENZYLIDENE)-
UPDT:8311 CAS: [illegible] MW: 296.45 MOLFM: C19-H24-N2-O
SYN: N-(o-(2-(DIETHYLAMINO)ETHOXY)BENZYLIDENE)ANILINE * ortho-N-beta-DIETHYLAMINOETHOXY BENZYLIDENE ANILINE (French)

TOXICITY DATA AND REFERENCES:
* unk-mus LD50:340 mg/kg APFRAD 14,566,56

BX3536000 ANILINE, m-(2-(2-(DIETHYLAMINO)ETHOXY)ETHYL)-
UPDT:8411 CAS: 25890-96-4 MW: 236.40 MOLFM: C14-H24-N2-O

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:250 mg/kg CHTPBA 5,10,70

BX3537000 ANILINE, p-(2-(2-(DIETHYLAMINO)ETHOXY)ETHYL)-
UPDT:8411 CAS: 25890-94-2 MW: 236.40 MOLFM: C14-H24-N2-O

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:~50 mg/kg CHTPBA 5,10,70

BX3538000 ANILINE, p-(2-(2-(DIETHYLAMINO)ETHOXY)PROPYL)-
UPDT:8412 CAS: 25891-00-3 MW: 250.43 MOLFM: C15-H26-N2-O

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

BX3539000 ANILINE, p-(3-(2-(DIETHYLAMINO)ETHOXY)PROPYL)-
UPDT:8411 CAS: 25890-97-5 MW: 250.43 MOLFM: C15-H26-N2-O

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

BX3586000 ANILINE, p-(2-(3-(DIETHYLAMINO)PROPOXY)ETHYL)-
UPDT:8411 CAS: 27078-57-5 MW: 250.43 MOLFM: C15-H26-N2-O

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:250 mg/kg CHTPBA 5,10,70

BX3587000 ANILINE, p-(2-(3-(DIETHYLAMINO)PROPOXY)PROPYL)-
UPDT:8412 CAS: 27078-58-6 MW: 264.46 MOLFM: C16-H28-N2-O

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:250 mg/kg CHTPBA 5,10,70

BX3610000 ANILINE, N,N-DIETHYL-p-NITROSO-
UPDT:8312

BEST COPY AVAILABLE

SYN: DIETHYL-p-NITROSOANILINE (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE — CFRGBR 49,172.102,83

BX3675000 ANILINE, p-((3,4-DIETHYLPHENYL)AZO)-N,N-DIMETHYL-

UPDT:8401 CAS: 17010-64-9 MW: 281.44 MOLFM: C18-H23-N3

SYN: BENZENAMINE, 4-((3,4-DIETHYLPHENYL)AZO)-N,N-DIMETHYL- (9CI) * 3',4'-DIETHYL-4-DIMETHYLAMINOAZOBENZENE * p-((3,4-DIETHYLPHENYL)AZO)-N,N-DIMETHYLANILINE * N,N-DIMETHYL-p-((3,4-DIETHYLPHENYL)AZO)ANILINE * 3',4'-Et2-DAB

TUMORIGENIC DATA AND REFERENCES:

2V03L60 orl-rat TDLo:2511 mg/kg/17W-I — CNREA8 30,1520,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX3775000 ANILINE, p-((2,4-DIFLUOROPHENYL)AZO)-N,N-DIMETHYL-

UPDT:8401 CAS: 351-63-3 MW: 261.30 MOLFM: C14-H13-F2-N3

SYN: 2',4'-DIFLUORO-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:

2V03L60 orl-rat TDLo:2727 mg/kg/14W-I — CNREA8 18,469,58

2V03L60 orl-rat TD :3400 mg/kg/12W-C — CNREA8 13,93,53

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX3850000 ANILINE, p-((3,5-DIFLUOROPHENYL)AZO)-N,N-DIMETHYL-

UPDT:8401 MW: 261.30 MOLFM: C14-H13-F2-N3

SYN: ANILINE, N,N-DIMETHYL-p-(3,5-DIFLUOROPHENYLAZO)- * 3',5'-DIFLUORO-4-DIMETHYLAMINOAZOBENZENE * p-((3,5-DIFLUOROPHENYL)AZO)-N,N-DIMETHYLANILINE * N,N-DIMETHYL-p-(3,5-DIFLUOROPHENYLAZO)ANILINE

TUMORIGENIC DATA AND REFERENCES:

2V03L60 orl-rat TDLo:3400 mg/kg/12W-C — CNREA8 13,93,53

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX4025000 ANILINE, 2,6-DIISOPROPYL-

UPDT:8407 CAS: 24544-04-5 MW: 177.32 MOLFM: C12-H19-N

SYN: BENZENAMINE, 2,6-BIS(1-METHYLETHYL)- * 2,6-DIISOPROPYL ANILINE

TOXICITY DATA AND REFERENCES:

3L30P26P27 orl-rat LD50:3204 mg/kg — FAATDF 3,285,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

BX4030000 ANILINE, p-(2-(2-(DIISOPROPYLAMINO)ETHOXY)ETHYL)-

UPDT:8411 CAS: 25890-99-7 MW: 264.46 MOLFM: C16-H28-N2-O

TOXICITY DATA AND REFERENCES:

* ipr-mus LDLo:125 mg/kg — CHTPBA 5,10,70

BX4575000 ANILINE, 2,4-DIMETHOXY-, HYDROCHLORIDE

UPDT:8412 CAS: 54150-69-5 MW: 189.66 MOLFM: C8-H11-N-O2 Cl-H

SYN: BENZENAMINE, 2,4-DIMETHOXY-, HYDROCHLORIDE * 2,4-DIMETHOXYANILINE HYDROCHLORIDE * 2,4-DIMETHOXYBENZENAMINE HYDROCHLORIDE * 2-METHOXY-p-ANISIDINE HYDROCHLORIDE * 4-METHOXY-o-ANISIDINE HYDROCHLORIDE * NCI-C02255

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:FINAL REPORT(NCITR* NCI-CG-TR-171,79)

BX4725000 ANILINE, N,N-DIMETHYL-

UPDT:8412 CAS: 121-69-7 MW: 121.20 MOLFM: C8-H11-N

SYN: BENZENAMINE, N,N-DIMETHYL- (9CI) * (DIMETHYLAMINO)BENZENE * DIMETHYLANILINE * N,N-DIMETHYLANILINE * N-N-DIMETHYLANILINE (DOT) * N,N-DIMETHYLBENZENEAMINE * DIMETHYLPHENYLAMINE * N,N-DIMETHYLPHENYLAMINE * DWUMETYLOANILINA (Polish) * NCI-C56428 * UN 2253 (DOT) * VERSNELLER NL 63-10

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD — AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

orl-hmn LDLo:50 mg/kg — NCPBBY Jan/Feb,69

* orl-rat LD50:1410 mg/kg — AIHAAP 23,95,62

1R10 skn-rbt LD50:1770 mg/kg — AIHAAP 23,95,62

REVIEW AND REFERENCES:

★ TLV-TWA 5 ppm; STEL 10 ppm (skin) — DTLVS* 4,146,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-L) — FEREAC 39,23540,74

★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S164

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA SECTION 8(a) STATUS REPORT BEHQ-0282-0428

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANILINE, 2,4-DIMETHYL- see: ZE8925000

ANILINE, 2,5-DIMETHYL- see: ZE9100000

ANILINE, 2,6-DIMETHYL- see: ZE9275000

ANILINE, 3,4-DIMETHYL see: ZE9450000

BX4980000 ANILINE, N-(o-(2-(DIMETHYLAMINO)ETHOXY)BENZYLIDENE)-

UPDT:8311 MW: 268.39 MOLFM: C17-H20-N2-O

SYN: N-(o-(2-(DIMETHYLAMINO)ETHOXY)BENZYLIDENE)ANILINE * ortho-N-beta-DIMETHYLAMINOETHOXY BENZYLIDENE ANILINE (French)

TOXICITY DATA AND REFERENCES:

* unk-mus LD50:80 mg/kg — APFRAD 14,566,56

BX4990000 ANILINE, p-(2-(2-(DIMETHYLAMINO)ETHOXY)ETHYL)-

UPDT:8411 CAS: 25890-98-6 MW: 208.34 MOLFM: C12-H20-N2-O

TOXICITY DATA AND REFERENCES:

* ipr-mus LDLo:250 mg/kg — CHTPBA 5,10,70

BX5020000 ANILINE, 4-(p-DIMETHYLAMINOPHENYLAZO)-

UPDT:8402 CAS: 539-17-3 MW: 240.34 MOLFM: C14-H16-N4

SYN: ACETILE DIAZO BLACK N * ACETILE DIAZO BLACK R * ADAB * p-AMINOBENZENEAZODIMETHYLANILINE * 4'-AMINO-DAB * 4'-AMINO-N,N-DIMETHYL 4-AMINOAZOBENZENE * AZOBENZENE, 4-AMINO-4'-DIMETHYLAMINO- see:BX5020000 * BENZENAMINE, 4-((4-AMINOPHENYL)AZO)-N,N-DIMETHYL- (9CI) * C.I. 11025 * C.I. DISPERSE BLACK 3 * DIAZO NERO MICROSETILE G * 4-DIMETHYLAMINOAZOBENZENE - INTERCHEM ACETATE DEVELOPED BLACK * MEISEI ACEMYL DIAZO BLACK B * MEISEI TERYL DIAZO BLACK CR * MICROSETILE DIAZO BLACK G * SUPRACET DIAZO BLACK A

MUTATION DATA AND REFERENCES:

mma-sat 20 ug/plate — CALEDQ 17,263,83

otr-rat:lvr 50 umol/L — CNREA8 43,5087,83

otr-ham:kdy 2500 ug/L — BJCAAI 38,34,78

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:350 mg/kg — CNREA8 34,2274,74

ipr-mus LD50:350 mg/kg — CNREA8 34,2274,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

BX5040000 ANILINE, N,N-DIMETHYL-p-((m-CHLOROPHENYL)AZO)-

UPDT:8401 CAS: 3789-77-3 MW: 259.76 MOLFM: C14-H14-Cl-N3

SYN: 3'-CHLORO-4-DIMETHYLAMINOAZOBENZENE * N,N-DIMETHYL-p-((m-CHLOROPHENYL)AZO)ANILINE

TUMORIGENIC DATA AND REFERENCES:

2V02L60 orl-rat TDLo:4900 mg/kg/17W-C — JEMEAV 87,139,48

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX5050000 ANILINE, N,N-DIMETHYL-p-((o-CHLOROPHENYL)AZO)-

UPDT:8401 CAS: 3010-47-7 MW: 259.76 MOLFM: C14-H14-Cl-N3

SYN: 2'-CHLORO-4-DIMETHYLAMINOAZOBENZENE * N,N-DIMETHYL-p-((o-CHLOROPHENYL)AZO)ANILINE

TUMORIGENIC DATA AND REFERENCES:

2V02L60 orl-rat TDLo:4900 mg/kg/17W-C — JEMEAV 87,139,48

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX5060000 ANILINE, N,N-DIMETHYL-p-((p-CHLOROPHENYL)AZO)-

UPDT:8401 CAS: 2491-76-1 MW: 259.76 MOLFM: C14-H14-Cl-N3

SYN: 4'-CHLORO-4-DIMETHYLAMINOAZOBENZENE * p-CHLORODIMETHYLAMINOAZOBENZENE * N,N-DIMETHYL-p-((p-CHLOROPHENYL)AZO)ANILINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T35T43T46 scu-mus TDLo:500 mg/kg (9D preg) — OFAJAE 36,195,60

TUMORIGENIC DATA AND REFERENCES:

2V02L60 orl-rat TDLo:6100 mg/kg/21W-C — JEMEAV 87,139,48

TOXICITY DATA AND REFERENCES:

scu-mus LDLo:500 mg/kg — OFAJAE 36,195,60

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX5075000 ANILINE, N,N-DIMETHYL-2,5-DIFLUORO-p-(2,5-DIFLUOROPHENYLAZO)-

UPDT:8401 CAS: 578-32-5 MW: 297.28 MOLFM: C14-H11-F4-N3

SYN: N,N-DIMETHYL-2,5-DIFLUORO-p-(2,5-DIFLUOROPHENYLAZO)ANILINE * 2,5,2',5'-TETRAFLUORO-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:

2V02L60 orl-rat TDLo:6400 mg/kg/21W-C — CNREA8 17,387,57

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX5175000 ANILINE, N,N-DIMETHYL-p-(2,5-DIFLUOROPHENYLAZO)-

UPDT:8401 CAS: 349-37-1 MW: 261.30 MOLFM: C14-H13-F2-N3

SYN: 2',5'-DIFLUORO-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:

2V03L60 orl-rat TDLo:3400 mg/kg/12W-C — CNREA8 13,93,53

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX5250000 ANILINE, N,N-DIMETHYL-p-(3,4-DIFLUOROPHENYLAZO)-

UPDT:8401 CAS: 351-65-5 MW: 261.30 MOLFM: C14-H13-F2-N3

SYN: 3',4'-DIFLUORO-4-DIMETHYLAMINOAZOBENZENE * N,N-DIMETHYL-p-(3,4-DIFLUOROPHENYLAZO)ANILINE

TUMORIGENIC DATA AND REFERENCES:

2V02L60 orl-rat TDLo:3400 mg/kg/13W-C — CNREA8 17,387,57

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANILINE, N,N-DIMETHYL-p-(3,5-DIFLUOROPHENYLAZO)- see: BX3850000

BX5470000 ANILINE, 3,4-DIMETHYL-2,6-DINITRO-N-(1-ETHYLPROPYL)-

UPDT:8309 CAS: 40487-42-1 MW: 281.35 MOLFM: C13-H19-N3-O4

SYN: AC 92553 * BENZENAMINE, 3,4-DIMETHYL-2,6-DINITRO-N-(1-ETHYLPROPYL)- * BENZENAMINE, N-(1-ETHYLPROPYL)-3,4-DIMETHYL-2,6-DINITRO- (9CI) * N-(1-AETHYLPROPYL)-3,4-DIMETHYL-2,6-DINITROANILIN (German) * N-(1-ETHYLPROPYL)-3,4-DIMETHYL-2,6-DINITROBENZENAMINE * N-(1-AETHYLPROPYL)-2,6-DINITRO-3,4-XYLIDIN (German) * HERBADOX * HORBADOX * PAY-OFF * PENDIMETHALIN * PENOXALIN * PENOXALINE * PENOXYN * PHENOXALIN * PROWL * STOMP * STOMP 330D * STOMP 330E * TENDIMETHALIN * 3,4-XYLIDINE, 2,6-DINITRO-N-(1-ETHYLPROPYL)-

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1250 mg/kg — 85ARAE 2,53,77

BX5480000 ANILINE, N,N-DIMETHYL-4-(DIPHENYLMETHYL)-

UPDT:8401 CAS: 13865-57-1 MW: 287.43 MOLFM: C21-H21-N

SYN: 4-DIMETHYLAMINOTRIPHENYLMETHAN (German) * 4-DIMETHYLAMINOTRIPHENYLMETHANE * N,N-DIMETHYL-4-(DIPHENYLMETHYL)ANILINE

TUMORIGENIC DATA AND REFERENCES:

2V03V10 scu-rat TDLo:1620 mg/kg/12W-I — NATWAY 42,215,55

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX5575000 ANILINE, N,N-DIMETHYL-p-((3-ETHOXYPHENYL)AZO)-

UPDT:8401 CAS: 3837-54-5 MW: 269.38 MOLFM: C16-H19-N3-O

SYN: N,N-DIMETHYL-p-((3-ETHOXYPHENYL)AZO)ANILINE * 3'-ETHOXY-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:

2V02L60 orl-rat TDLo:9202 mg/kg/30W-C — JEMEAV 87,139,48

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ZEKBAI 60,344,55

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANILINE, N,N-DIMETHYL-p((m-ETHYLPHENYL)AZO)- see: BY0525000

ANILINE, N,N-DIMETHYL-p((p-ETHYLPHENYL)AZO)- see: BY0700000

BX5595000 ANILINE, N,N-DIMETHYL-p-((p-FLUOROPHENYL)AZO)-

UPDT:8401 CAS: 150-74-3 MW: 243.31 MOLFM: C14-H14-F-N3

SYN: ANILINE, p-((p-FLUOROPHENYL)AZO)-N,N-DIMETHYL- * AZOBENZENE, 4'-(DIMETHYLAMINO)-4-FLUORO- * BENZENAMINE, 4-((4-FLUOROPHENYL)AZO)-N,N-DIMETHYL- * N,N-DIMETHYL-p-((p-FLUOROPHENYL)AZO)ANILINE * 4'-FLUORO-N,N-DIMETHYL-4-AMINOAZOBENZENE * 4-FLUORO-p-DIMETHYLAMINOAZOBENZENE * 4'-FLUORO-4-DIMETHYLAMINOAZOBENZENE * 4-FLUORO-N,N-DIMETHYL-p-PHENYLAZOANILINE * p-((p-FLUOROPHENYL)AZO)-N,N-DIMETHYLANILINE * 4-((4-FLUOROPHENYL)AZO)-N,N-DIMETHYLBENZENAMINE

MUTATION DATA AND REFERENCES:

dns-rat-orl 2520 mg/kg/12W-I — CNREA8 29,2039,69

TUMORIGENIC DATA AND REFERENCES:

2V03L60 orl-rat TDLo:2720 mg/kg/14W-I — CNREA8 18,469,58

2V03P62 orl-rat TD :4730 mg/kg/19W-C — ARZNAD 12,270,62

2V03L60 orl-rat TD :3200 mg/kg/12W-C — CNREA8 13,93,53

2V03L60 orl-rat TD :3150 mg/kg/13W-C — CNREA8 9,652,49

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX5600000 ANILINE, N,N-DIMETHYL-p-(2-FLUOROPHENYLAZO)-

UPDT:8401 CAS: 331-91-9 MW: 243.31 MOLFM: C14-H14-F-N3

SYN: 2'-FLUORO-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:

2V03L60 orl-rat TDLo:3150 mg/kg/13W-C — CNREA8 9,652,49

2V03L60 orl-rat TD :3200 mg/kg/12W-C — CNREA8 13,93,53

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX5610000 ANILINE, N,N-DIMETHYL-p-(3-FLUOROPHENYLAZO)-

UPDT:8401 CAS: 332-54-7 MW: 243.31 MOLFM: C14-H14-F-N3

SYN: 3'-FLUORO-4-DIMETHYLAMINOAZOBENZENE * m-FLUORODIMETHYLAMINOAZOBENZENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35 scu-mus TDLo:1050 mg/kg (9D preg) — OFAJAE 36,195,60

TUMORIGENIC DATA AND REFERENCES:

2V02L60 orl-rat TDLo:5300 mg/kg/21W-C — CNREA8 17,387,57

2V03L60 orl-rat TD :3200 mg/kg/12W-C — CNREA8 13,93,53

2V03L60 orl-rat TD :3150 mg/kg/13W-C — CNREA8 9,652,49

TOXICITY DATA AND REFERENCES:

scu-mus LDLo:1200 mg/kg — OFAJAE 36,195,60

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX5620000 ANILINE, N,N-DIMETHYL-2-FLUORO-4-PHENYLAZO-

UPDT:8401 CAS: 321-25-5 MW: 243.31 MOLFM: C14-H14-F-N3

SYN: N,N-DIMETHYL-2-FLUORO-4-PHENYLAZOANILINE * 2-FLUORO-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:

2V03L60 orl-rat TDLo:3200 mg/kg/12W-C — CNREA8 13,93,53

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX6125000 ANILINE, N,N-DIMETHYL-p-(2-METHOXYPHENYLAZO)-
UPDT:8401 CAS: 3009-55-0 MW: 255.35 MOLFM: C15-H17-N3-O
SYN: N,N-DIMETHYL-p-(2-METHOXYPHENYLAZO)ANILINE * 2'-METHOXY-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:6600 mg/kg/26W-C CNREA8 17,387,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX6300000 ANILINE, N,N-DIMETHYL-p-(3-METHOXYPHENYLAZO)-
UPDT:8401 CAS: 20691-83-2 MW: 255.35 MOLFM: C15-H17-N3-O
SYN: N,N-DIMETHYL-p-(3-METHOXYPHENYLAZO)ANILINE * 3'-METHOXY-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:2800 mg/kg/13W-C CNREA8 17,387,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX6475000 ANILINE, N,N-DIMETHYL-p-(4-METHOXYPHENYLAZO)-
UPDT:8401 CAS: 3009-50-5 MW: 255.35 MOLFM: C15-H17-N3-O
SYN: N,N-DIMETHYL-p-(4-METHOXYPHENYLAZO)ANILINE * 4'-METHOXY-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:6600 mg/kg/26W-C CNREA8 17,387,57
3V03L04L60 orl-rat TD :9000 mg/kg/35W-C ARZNAD 12,270,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX6600000 ANILINE, N,N-DIMETHYL-4,4'-METHYLENEDI-
UPDT:8303 MW: 226.35 MOLFM: C15-H18-N2
SYN: N,N-DIMETHYL-4,4'-METHYLENEDIANILINE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 42,3475,82

BX6600010 ANILINE, N,N'-DIMETHYL-4,4'-METHYLENEDI-
UPDT:8303 MW: 226.35 MOLFM: C15-H18-N2
SYN: N,N'-DIMETHYL-4,4'-METHYLENEDIANILINE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 42,3475,82

BX6650000 ANILINE, N,N-DIMETHYL-4-(2-METHYL-4-PYRIDYLAZO)-, N-OXIDE
UPDT:8401 CAS: 7347-46-8 MW: 256.34 MOLFM: C14-H16-N4-O
SYN: BENZENAMINE, N,N-DIMETHYL-4-((2-METHYL-4-PYRIDINYL)AZO)-, N-OXIDE (9CI) * 4-((4-(DIMETHYLAMINO)PHENYL)AZO)-2-PICOLINE 1-OXIDE * N,N-DIMETHYL-4-(2-METHYL-4-PYRIDYLAZO)ANILINE N-OXIDE * N,N-DIMETHYL-4-(4-(2-METHYLPYRIDYL 1-OXIDE)AZO)ANILINE * 2'-MePO4 * 2-METHYLPYRIDINE 1-OXIDE-4-AZO-p-DIMETHYLANILINE * 2-PICOLINE, 4-((4-(DIMETHYLAMINO)PHENYL)AZO)-, 1-OXIDE

TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:714 mg/kg/17W-C JNCIAM 37,365,66
2V03L60 orl-rat TD :2142 mg/kg/17W-C JNCIAM 41,855,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANILINE, N,N-DIMETHYL-4-(4'-(3'-METHYLPYRIDYL-1'-OXIDE)AZO)- see: TJ5775000

BX7000000 ANILINE, N,N-DIMETHYL-p-(1-NAPHTHYLAZO)-
UPDT:8411 CAS: 607-59-0 MW: 275.38 MOLFM: C18-H17-N3
SYN: DAN * p-DIMETHYLAMINOBENZENEAZO-1-NAPHTHALENE * p-DIMETHYLAMINOBENZENE-1-AZO-1-NAPHTHALENE * N,N-DIMETHYL-p-(1-NAPHTHYLAZO)-ANILINE

MUTATION DATA AND REFERENCES:
dns-rat:lvr 100 umol/L MUREAV 136,255,84
dns-ham:lvr 10 umol/L MUREAV 136,255,84

TUMORIGENIC DATA AND REFERENCES:
3V03K60R60 orl-rat TDLo:25 gm/kg/79W-C JNCIAM 13,57,52
2V01V10 scu-rat TDLo:90 mg/kg/2W-I JNCIAM 18,843,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX7005000 ANILINE, N,N-DIMETHYL-p-(2-NAPHTHYLAZO)-
UPDT:8411 CAS: 613-65-0 MW: 261.37 MOLFM: C18-H17-N2
SYN: DA-2-N * p-DIMETHYLAMINOBENZENE-1-AZO-2-NAPHTHALENE * N,N-DIMETHYL-4(2-NAPHTHYLAZO)ANILINE * NAPHTHALENE, 2-(4-DIMETHYLAMINOPHENYLAZO)-

MUTATION DATA AND REFERENCES:
dns-rat:lvr 10 umol/L MUREAV 136,255,84
dns-ham:lvr 2 umol/L MUREAV 136,255,84

TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-rat TDLo:8630 mg/kg/230D-C JNCIAM 14,571,53
3V03L60V10 skn-mus TDLo:4800 mg/kg JNCIAM 13,1259,53

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX7025000 ANILINE, N,N-DIMETHYL-p-(2-(1-NAPHTHYL)VINYL)-
UPDT:8401 CAS: 63019-14-7 MW: 273.40 MOLFM: C20-H19-N
SYN: 1-(4-(DIMETHYLAMINOPHENYL)-2-(1-NAPHTHYL)-E"-HYLENE * N,N-DIMETHYL-p-(2-(1-NAPHTHYL)VINYL)ANILINE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 scu-rat TDLo:215 mg/kg/W-I PTRMAD 241,147,48
3V03J60T64 scu-mus TDLo:320 mg/kg/W-I PTRMAD 241,147,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX7050000 ANILINE, N,N-DIMETHYL-p-((m-NITROPHENYL)AZO)-
UPDT:8401 CAS: 3837-55-6 MW: 270.32 MOLFM: C14-H14-N4-O2
SYN: N,N-DIMETHYL-p-((m-NITROPHENYL)AZO)ANILINE * 3'-NITRO-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:5184 mg/kg/17W-C JEMEAV 87,139,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX7100000 ANILINE, N,N-DIMETHYL-p-((o-NITROPHENYL)AZO)-
UPDT:8401 CAS: 3010-38-6 MW: 270.32 MOLFM: C14-H14-N4-O2
SYN: N,N-DIMETHYL-p-((o-NITROPHENYL)AZO)ANILINE * 2'-NITRO-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:5184 mg/kg/17W-C JEMEAV 87,139,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX7175000 ANILINE, N,N-DIMETHYL-p-NITROSO-
UPDT:8401 CAS: 138-89-6 MW: 150.20 MOLFM: C8-H10-N2-O
SYN: ACCELERINE * BENZENAMINE, N,N-DIMETHYL-4-NITROSO- (9CI) * N,N-DIMETHYL-p-NITROSOANILINE * p-(DIMETHYLAMINO)NITROSOBENZENE * 4-(DIMETHYLAMINO)NITROSOBENZENE * DIMETHYL(p-NITROSOPHENYL)AMINE * NCI-C01821 * NDMA * p-NITROSO-N,N-DIMETHYLANILINE * 4-NITROSODIMETHYLANILINE * p-NITROSODIMETHYLANILINE (DOT) * PARANITROSODIMETHYLANILDE * ULTRA BRILLIANT BLUE P * UN 1369 (DOT)

TUMORIGENIC DATA AND REFERENCES:
3V03K60P62 orl-rat TDLo:7300 mg/kg/1Y-C PUOMA5 46,68,68

TOXICITY DATA AND REFERENCES:
orl-rat LD50:65 mg/kg NCIMR* NIH-71-E-2144
orl-gpg LDLo:650 mg/kg JIDHAN 13,87,31
orl-mam LDLo:650 mg/kg JIDHAN 13,87,31

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID, LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX7350000 ANILINE, N,N-DIMETHYL-p-PHENYLAZO-
UPDT:8411 CAS: 60-11-7 MW: 225.32 MOLFM: C14-H15-N3
SYN: ATUL FAST YELLOW R * AZOBENZENE, p-DIMETHYLAMINO- * BENZENAMINE, N-N-DIMETHYL-4-(PHENYLAZO)- (9CI) * BENZENEAZODIMETHYLANILINE * BRILLIANT FAST OIL YELLOW * BRILLIANT FAST SPIRIT YELLOW * BRILLIANT FAST YELLOW * BRILLIANT OIL YELLOW * BUTTER YELLOW * CERASINE YELLOW GG * C.I. 11020 * C.I. SOLVENT YELLOW 2 * DAB * DAB (carcinogen) * p-DIMETHYLAMINOAZOBENZEN (Czech) * DIMETHYLAMINOAZOBENZENE, * N,N-DIMETHYL-4-AMINOAZOBENZENE * N,N-DIMETHYL-p-AMINOAZOBENZENE * p-DIMETHYLAMINOAZOBENZENE * 4-DIMETHYLAMINOAZOBENZENE * 4-(N,N-DIMETHYLAMINO)AZOBENZENE * DIMETHYLAMINOAZOBENZOL * p-DIMETHYLAMINO-AZOBENZOL (German) * 4-DIMETHYLAMINOAZOBENZOL * 4-DIMETHYLAMINOPHENYLAZOBENZENE * N,N-DIMETHYL-p-AZOANILINE * N,N-DIMETHYL-p-PHENYLAZOANILINE * N,N-DIMETHYL-4-(PHENYLAZO)BENZAMINE * N,N-DIMETHYL-4-(PHENYLAZO)BENZENAMINE * DIMETHYL YELLOW * DIMETHYL YELLOW ANALAR * DIMETHYL YELLOW N,N-DIMETHYLANILINE * DMAB * ENIAL YELLOW 2G * FAST OIL YELLOW B * FAST YELLOW * FAT YELLOW * FAT YELLOW A * FAT YELLOW AD OO * FAT YELLOW ES * FAT YELLOW ES EXTRA * FAT YELLOW EXTRA CONC * FAT YELLOW R * FAT YELLOW R (8186) * GRASAL BRILLIANT YELLOW * JAUNE de BEURRE (French) * METHYL YELLOW * OIL YELLOW * OIL YELLOW II * OIL YELLOW 20 * OIL YELLOW 2025 * OIL YELLOW 7463 * OIL YELLOW BB * OIL YELLOW D * OIL YELLOW DN * OIL YELLOW FF * OIL YELLOW FN * OIL YELLOW G * OIL YELLOW 2G * OIL YELLOW G-2 * OIL YELLOW GG * OIL YELLOW GR * OIL YELLOW N * OIL YELLOW PEL * OLEAL YELLOW 2G * ORGANOL YELLOW ADM * ORIENT OIL YELLOW GG * P.D.A.B. * PETROL YELLOW WT * RCRA WASTE NUMBER U093 * RESINOL YELLOW GR * RESOFORM YELLOW GGA * SILOTRAS YELLOW T2G * SOMALIA YELLOW A * STEAR YELLOW JB * SUDAN GG * SUDAN YELLOW * SUDAN YELLOW GG * SUDAN YELLOW GGA * TOYO OIL YELLOW G * USAF EK-338 * WAXOLINE YELLOW AD * WAXOLINE YELLOW ADS * YELLOW G SOLUBLE in GREASE * ZLUT MASELNA (Czech)

MUTATION DATA AND REFERENCES:
mmo-sat 5 mg/plate AEMIDF 42,641,81
mma-sat 50 ug/plate PMRSDJ 1,302,81
mma-esc 200 mg/L PMRSDJ 1,396,81
dnr-esc 80 mg/L MUREAV 119,135,83
mrc-esc 10 ug/well MUREAV 46,53,77
dnr-smc 600 mg/L PMRSDJ 1,502,81
mrc-smc 5 mg/L PMRSDJ 1,491,81
sln-smc 50 mg/L PMRSDJ 1,468,81
dns-hmn:hla 10 nmol/L CNREA8 38,2621,78
dns-hmn:fbr 4 mg/L PMRSDJ 1,528,81
dni-hmn:hla 100 umol/L MUREAV 92,427,82
otr-rat:emb 12 mg/L JJIND8 67,1303,81
dnd-rat-orl 300 mg/kg CNREA8 36,4647,76
dnd-rat-ipr 150 mg/kg NATUAS 213,1206,67
dns-rat:lvr 10 umol/L GANNA2 72,930,81
bfa-rat/sat 600 mg/kg NATUAS 249,850,74
cyt-rat-orl 756 mg/kg/3W JNCIAM 54,1245,75
mnt-mus-ipr 6400 ug/kg PMRSDJ 1,686,81
dnd-mus-ipr 120 mg/kg CNREA8 40,2493,80
dnd-mus-skn 192 umol/kg CRNGDP 5,231,84
dns-mus:lvr 1 umol/L GANNA2 72,930,81
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
dni-mus-orl 100 mg/kg MUREAV 46,305,77
sce-mus-ipr 29 mg/kg MUREAV 108,225,83
msc-mus:lym 89 umol/L MUREAV 110,147,83
hma-mus/sat 255 mg/kg/3H MUREAV 45,291,77
spm-mus-ipr 3 gm/kg/5D-I PMRSDJ 1,712,81
otr-ham-ipr 500 mg/kg ARPAAQ 95,380,73
otr-ham:emb 50 ug/L JJIND8 67,1303,81
otr-ham:kdy 25 mg/L PMRSDJ 1,638,81
dns-ham:lvr 1 umol/L ENMUDM 5,1,83
otr-nml:ath 250 ug/L AOHYA3 20,297,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ipr-mus TDLo:3 gm/kg (5D male) PMRSDJ 1,712,81
1T46 scu-mus TDLo:200 mg/kg (10D preg) OFAJAE 36,195,60

TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:6480 mg/kg/26W-C CRNGDP 1,419,80
2V02R60 skn-rat TD :1440 mg/kg/90W-I CNREA8 26,2406,66
2V02L60 ipr-mus TDLo:3830 ug/kg CNREA8 44,2540,84
3V01T65J60 scu-mus TDLo:4000 mg/kg (15-21D preg) BEXBAN 78,1402,74
3V03L60V10 mul-mus TDLo:400 mg/kg/I CNREA8 1,397,41
2V03M60 orl-dog TDLo:9600 mg/kg/69W-C JNCIAM 13,1497,53
3V03L15P23 orl-ham TDLo:9600 mg/kg/42W-I ARPAAQ 71,566,61
2V02L60 orl-rat TD :2600 mg/kg/13W-C CNREA8 17,387,57
2V02L60 orl-rat TD :13 gm/kg/53W-C MEXPAG 4,1,61
2V03L60 orl-rat TD :1920 mg/kg/14W-C CNREA8 5,235,45
2V03L60 orl-rat TD :1800 mg/kg/14W-C CNREA8 8,141,48
2V03L60 orl-rat TD :2900 mg/kg/13W-C CNREA8 9,652,49
2V03L60 orl-rat TD :2900 mg/kg/12W-C CNREA8 13,93,53
2V02L60 orl-rat TD :8316 mg/kg/33W-C JPBAA7 59,1,47
3V02J08L60 orl-rat TD :3990 mg/kg/19W-C GANNA2 63,131,72
2V02L60 ipr-mus TD :11 mg/kg CNREA8 44,2540,84
2V03L60 orl-rat TD :800 mg/kg/64D-C ZEKBAI 61,327,56

TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg ZEKBAI 69,103,67
ipr-rat LD50:230 mg/kg CNREA8 34,2274,74
orl-mus LD50:300 mg/kg GANNA2 54,455,63
ipr-mus LD50:230 mg/kg CNREA8 34,2274,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ALLVAR 50,77,62; BJCAAI 6,270,52; ADCSAJ 13,271,70; JONUAI 44,345,51; BLFSBY 24,129,83
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,125,75

STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39,3756,74

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 284*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX7425000 ANILINE, 2,3-DIMETHYL-4-PHENYLAZO-
UPDT:8305 CAS: 36576-23-5 MW: 225.32 MOLFM: C14-H15-N3
SYN: 2,3-DIMETHYL-4-PHENYLAZOANILINE * 2,3-DIMETHYL-4-(PHENYLAZO)BENZENAMINE

TUMORIGENIC DATA AND REFERENCES:
3V02J60L60 orl-mus TDLo:6000 mg/kg26W-C FCTXAV 11,415,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX7525000 ANILINE, N,N-DIMETHYL-p-PHENYLAZO-, N-OXIDE
UPDT:8401 CAS: 2747-31-1 MW: 241.32 MOLFM: C14-H15-N3-O
SYN: DAB-N-OXIDE * 4-DIMETHYLAMINOAZOBENZENE AMINE N-OXIDE * N,N-DIMETHYLAMINOAZOBENZENE-N-OXIDE * N,N-DIMETHYL-p-PHENYLAZOANILINE-N-OXIDE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:6300 mg/kg/30W-C GANNA2 54,455,63

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

3V03K60V10 scu-rat TDLo:278 mg/kg/12W-I CNREA8 27,1600,67
2V03L60 orl-mus TDLo:11 gm/kg/26W-C GANNA2 54,455,63
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2200 mg/kg GANNA2 54,455,63
ipr-rat LD50:155 mg/kg GANNA2 54,455,63
orl-mus LD50:760 mg/kg GANNA2 54,455,63
ipr-mus LD50:175 mg/kg GANNA2 54,455,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX7700000 ANILINE, N,N-DIMETHYL-p-((p-PROPYLPHENYL)AZO)-
UPDT:8401 CAS: 24690-46-8 MW: 267.41 MOLFM: C17-H21-N3
SYN: N,N-DIMETHYL-p-((p-PROPYLPHENYL)AZO)ANILINE * 4'-n-PROPYL-4-DIMETHYLAMINOAZOBENZENE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:4284 mg/kg/17W-C JNCIAM 27,663,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX8050000 ANILINE, N,N-DIMETHYL-p-THIOCYANATO-
UPDT:8406 CAS: 7152-80-9 MW: 178.27 MOLFM: C9-H10-N2-S
SYN: DEFOLIANT 2929 RP * p-(DIMETHYLAMINO)PHENYLTHIOCYANATE * DIMETHYLAMINORHODANBENZOL * p-N,N-DIMETHYLAMINOTHIOCYANOBENZENE * DIMETHYLAMINO-4-THIOCYANOBENZENE * p-(DIMETHYLAMINO)THIOCYANOBENZENE * 4-DIMETHYLAMINOTHIOCYANOBENZENE * RP 2929 * THIOCYANIC ACID p-DIMETHYLAMINOPHENYL ESTER * THIOCYANIC ACID, 4-(DIMETHYLAMINO)PHENYL ESTER (9CI) * p-THIOCYANODIMETHYLANILINE * 4-THIOCYANO-N,N-DIMETHYLANILINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg TXAPA9 28,313,74
orl-mus LD50:150 mg/kg 28ZEAL 4,181,69
3C08F12J26 ipr-mus LD50:55 mg/kg JJPAAZ 3,99,54
3C08J26J30 scu-mus LD50:150 mg/kg JJPAAZ 3,99,54
* ivn-mus LD50:56 mg/kg CSLNX* NX#02758
* skn-rbt LD50:1260 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX8250000 ANILINE, N,N-DIMETHYL-p-(m-TOLYLAZO)-
UPDT:8408 CAS: 55-80-1 MW: 239.35 MOLFM: C15-H17-N3
SYN: BENZENAMINE, N,N-DIMETHYL-4-((3-METHYLPHENYL)AZO)- (9CI) * 4-(N,N-DIMETHYLAMINO)-3'-METHYLAZOBENZENE * N,N-DIMETHYL-p-(m-TOLYLAZO)ANILINE * MDAB * 3-MDAB * 3'-Me-DAB * 3'-METHYLBUTTERGELB (German) * 3'-METHYL DAB * 3'-METHYL-4-DIMETHYLAMINOAZOBENZEN (Czech) * m-METHYL p-DIMETHYLAMINOAZOBENZENE * 3'-METHYL-4-DIMETHYLAMINOAZOBENZENE * 3'-METHYL-N,N-DIMETHYL-4-AMINOAZOBENZENE * 3'-METHYLDIMETHYLAMINOAZOBENZOL (German)
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CRNGDP 4,1487,83
mma-sat 100 nmol/plate CALEDQ 1,91,75
mmo-nsc 500 ppm ANYAA9 71,1072,58
dnd-rat-orl 300 mg/kg CNREA8 36,4647,76
dnd-rat-ipr 250 mg/kg MUREAV 106,91,82
oms-rat-ipr 100 mg/kg ECREAL 51,423,68
oms-rat-orl 6600 mg/kg/22W-I NEOLA4 30,427,83
dns-rat-orl 30 mg/kg BBRCA9 56,52,74
dns-rat-lvr 10 umol/L ENMUDM 3,11,81
dni-rat-lvr 1 umol/L AMOKAG 30,303,76
oms-rat-lvr 10 umol/L AMOKAG 30,303,76
cyt-rat-orl 1260 ug/kg/3W JNCIAM 54,1245,75
cyt-rat-lvr 2800 ug/L AMOKAG 34,161,80
sce-rat-lvr 17 mmol/L MUREAV 93,409,82
sce-rat-oth 17 mmol/L MUREAV 93,409,82
msc-rat-lvr 10 umol/L MUREAV 130,53,84
dns-mus-lvr 1 umol/L ENMUDM 5,1,83
sce-mus-ipr 500 mg/kg MUREAV 108,225,83
otr-ham-emb 10 mg/L IJCNAW 19,642,77
dns-ham-lvr 1 umol/l ENMUDM 5,1,83
cyt-ham-lng 4 gm/L/27H MUREAV 66,277,79
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:1800 mg/kg/7W-C JJIND8 71,855,83
2V03L60 scu-rat TDLo:2750 mg/kg/1Y-I CNREA8 35,3798,75
2V03L60 imp-rat TDLo:2000 mg/kg/9W-I EXPEAM 34,788,78
3V02T65L60 scu-mus TDLo:7179 mg/kg (15-19D preg) CALEDQ 17,321,83
3V03L60N62 orl-ham TDLo:12 gm/kg/38W-C ARPAAQ 71,566,61
2V03L60 orl-rat TD :3170 mg/kg/13W-C CNREA8 5,227,45
2V03L60 orl-rat TD :2520 mg/kg/12W-C GANNA2 63,31,72
2V03L60 orl-rat TD :2160 mg/kg/17W-C JMCMAR 11,1074,68
2V03L60 orl-rat TD :2600 mg/kg/13W-C CNREA8 17,387,57
2V03L60 orl-rat TD :2600 mg/kg/13W-C CNREA8 17,387,57
3V03L60V15 orl-rat TD :2520 mg/kg/6W-C BBRCA9 92,591,80
2V03L60 orl-rat TD :2142 mg/kg/17W-C JNCIAM 26,1461,61
2V03L60 orl-rat TD :1890 mg/kg/9W-C CALEDQ 9,299,80
3V01F07L60 orl-rat TD :2229 mg/kg/12W-C AJPAA4 87,189,77
3V03L60N60 orl-rat TD :1656 mg/kg/8W-I CNREA8 33,1119,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:15600 mg/kg JKXXAF #80-157317
* orl-mus LD50:17700 mg/kg JKXXAF #80-157517
* ipr-mus LD50:1530 mg/kg JJIND8 62,911,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BLFSBY 24,129,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX8300000 ANILINE, N,N-DIMETHYL-4-(o-TOLYLAZO)-
UPDT:8401 CAS: 3731-39-3 MW: 239.35 MOLFM: C15-H17-N3
SYN: BENZENAMINE, N,N-DIMETHYL-4-((2-METHYLPHENYL)AZO)- * N,N-DIMETHYL-p-((o-TOLYL)AZO)ANILINE * o-METHYL-p-DIMETHYLAMINOAZOBENZENE * 2'-METHYL-4-DIMETHYLAMINOAZOBENZENE * 2-METHYL-N,N-DIMETHYL-4-AMINOAZOBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 100 nmol/plate CALEDQ 1,91,75
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:5856 mg/kg/26W-C CNREA8 5,227,45
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX8400000 ANILINE, N,N-DIMETHYL-4-(p-TOLYLAZO)-
UPDT:8405 CAS: 3010-57-9 MW: 239.35 MOLFM: C15-H17-N3
SYN: BENZENAMINE, N,N-DIMETHYL-4-((4-METHYLPHENYL)AZO)- * p-METHYL p-DIMETHYLAMINOAZOBENZENE * 4'-METHYL-4-DIMETHYLAMINOAZOBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 500 nmol/plate MUREAV 121,95,83
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:7776 mg/kg/35W-C CNREA8 5,227,45
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX8575000 ANILINE, N,N-DIMETHYL-p-(2,4,6-TRIFLUOROPHENYLAZO)-
UPDT:8401 CAS: 343-75-9 MW: 279.29 MOLFM: C14-H12-F3-N3
SYN: 2,4,6-TRIFLUORO-4-DIMETHYLAMINOAZOBENZENE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:2700 mg/kg/13W-C CNREA8 13,93,53
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX8650000 ANILINE, N,N-DIMETHYL-4-(3,4,5-TRIMETHYLPHENYL)AZO-
UPDT:8401 CAS: 34522-40-2 MW: 267.41 MOLFM: C17-H21-N3
SYN: N,N-DIMETHYL-4-(3,4,5-TRIMETHYLPHENYL)AZO)ANILINE * N,N-DIMETHYL-4-((3,4,5-TRIMETHYLPHENYL)AZO)BENZENAMINE * N,N-3,4,5-PENTAMETHYLAMINOAZOBENZENE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:4320 mg/kg/17W-C JMCMAR 15,212,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX8750000 ANILINE, N,N-DIMETHYL-p-(2,3-XYLYLAZO)-
UPDT:8401 CAS: 18997-62-1 MW: 253.38 MOLFM: C16-H19-N3
SYN: 2,3'-DIMETHYL-4-DIMETHYLAMINOAZOBENZENE * N,N-DIMETHYL-p-(2,3-XYLYLAZO)ANILINE
MUTATION DATA AND REFERENCES:
mma-sat 4 ug/plate MUREAV 93,67,82
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:1080 mg/kg/30D-C JMCMAR 11,1234,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX8925000 ANILINE, N,N-DIMETHYL-p-(3,4-XYLYLAZO)-
UPDT:8401 CAS: 3025-73-8 MW: 253.38 MOLFM: C16-H19-N3
SYN: 3,4'-DIMETHYL-4-DIMETHYLAMINOAZOBENZENE * N,N-DIMETHYL-p-(3,4-XYLYLAZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:6480 mg/kg/26W-C JMCMAR 15,212,72
2V03L60 orl-rat TD :6600 mg/kg/26W-C CNREA8 17,387,57
2V03L60 orl-rat TD :4523 mg/kg/17W-I CNREA8 30,1520,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX9010000 ANILINE, DINITRO- (mixed isomers)
UPDT:8401 CAS: 26471-56-7 MW: 183.14 MOLFM: C6-H5-N3-O4
SYN: BENZENAMINE, ar,ar-DINITRO- (9CI) * DINITROANILINES * DINITROANILINES (DOT) * UN 1596 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

BX9100000 ANILINE, 2,4-DINITRO-
UPDT:8412 CAS: 97-02-9 MW: 183.14 MOLFM: C6-H5-N3-O4
SYN: BENZENAMINE, 2,4-DINITRO- (9CI) * 2,4-DINITRANILINE * 2,4-DINITROANILIN (German) * 2,4-DINITROANILINA (Italian) * 2,4-DINITROANILINE * DNA * NCI-C60753
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,132,72
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate ENMUDM 5(Suppl 1),3,83
mma-sat 2 ug/plate MUREAV 67,1,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ihl-rat TCLo:1100 ug/m3/4H (1-7D preg) GTPZAB 26(4),47,82
1T24 ihl-rat TCLo:17 mg/m3/4H (1-7D preg) GTPZAB 26(4),47,82
1T35 ihl-rat TCLo:17 mg/m3/4H (1-22D preg) GTPZAB 26(4),47,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:418 mg/kg 28ZPAK -,132,72
ipr-rat LDLo:250 mg/kg NCNSA6 5,32,53
* orl-mus LD50:370 mg/kg GTPZAB 25(8),50,81
* ipr-mus LDLo:400 mg/kg JAPMA8 43,419,59
* orl-gpg LD50:1050 mg/kg GISAAA 47(10),15,82
STATUS:
NTP CARCINOGENESIS STUDIES: SELECTED BUT DEFERRED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION; FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX9200100 ANILINE, 3,5-DINITRO-
UPDT:8307 CAS: 618-87-1 MW: 183.14 MOLFM: C6-H5-N3-O4
SYN: BENZENEAMINE, 3,5-DINITRO- * 3,5-DINITROANILINE
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate ENMUDM 4,163,82
mma-sat 500 ng/plate ENMUDM 4,163,82

BX9286000 ANILINE, 2,6-DINITRO-N,N-DIPROPYL-p-ISOPROPYL-
UPDT:8403 CAS: 33820-53-0 MW: 309.41 MOLFM: C15-H23-N3-O4
SYN: BENZENAMINE, 4-(1-METHYLETHYL)-2,6-DINITRO-N,N-DIPROPYL- (9CI) * CUMIDINE, 2,6-DINITRO-N,N-DIPROPYL- * 2,6-DINITRO-N,N-DIPROPYLCUMIDINE * EL-179 * ISOPROPALIN * 4-ISOPROPYL-2,6-DINITRO-N,N-DIPROPYLANILINE * 4-(1-METHYLETHYL)-2,6-DINITRO-N,N-DIPROPYLBENZENAMINE * PAARLAN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2900 mg/kg FMCHA2 -,C177,83
ANILINE, 2,6-DINITRO-N,N-DIPROPYL-4-(METHYLSULFONYL)- see: BY6200000

BX9350000 ANILINE, N,p-DINITROSO-N-METHYL-
UPDT:8401 CAS: 99-80-9 MW: 165.17 MOLFM: C7-H7-N3-O2
SYN: ANILINE, N-METHYL-N,p-DINITROSO- * BENZENAMINE, N-METHYL-N,4-DINITROSO- * N,4-DINITROSO-N-METHYLANILINE * ELASTOFAR * ELASTOPAX * HEAT PRE * N-METHYL-N,p-DINITROSOANILINE * N-METHYL-N,4-DINITROSOANILINE * N-METHYL-N,4-DINITROSOBENZENAMINE * METHYL-(4-NITROSOPHENYL)NITROSAMINE * N-NITROSO-N-METHYL-4-NITROSO-ANILINE * NITROZAN-K
MUTATION DATA AND REFERENCES:
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
TUMORIGENIC DATA AND REFERENCES:
2V03V10 ipr-rat TDLo:520 mg/kg/26W-I EJCAAH 4,233,68
3V03P62Q60 scu-rat TDLo:29 gm/kg/78W-I VOONAW 19(8),80,73
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 1,141,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BX9450000 ANILINE, p,p'-DISELENODI-
UPDT:7901 CAS: 35507-35-8 MW: 342.18 MOLFM: C12-H12-N2-Se2
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,11,53
ipr-rat LDLo:25 mg/kg NCNSA6 5,11,53
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTIVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
ANILINE (DOT) see: 8W6650000
ANILINE, p-ETHOXY- see: SI6465500

BX9740000 ANILINE, 2-ETHOXY-5-NITRO-
UPDT:8406 MW: 182.20 MOLFM: C8-H10-N2-O3
SYN: 2-ETHOXY-5-NITROANILINE * 1-OXY-2-AMINO-4-NITROBENZOL AETHYL ETHER (German)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:470 mg/kg AEPPAE 208,178,49

BX9780000 ANILINE, N-ETHYL-
UPDT:8411 CAS: 103-69-5 MW: 121.20 MOLFM: C8-H11-N
SYN: AETHYLANILIN (German) * ANILINOETHANE * BENZENAMINE, N-ETHYL- (9CI) * N-ETHYLAMINOBENZENE * ETHYLANILINE * N-ETHYLANILINE * N-ETHYLANILINE (DOT) * N-ETHYLBENZENAMINE * N-ETHYLBENZENAMINO * ETHYLPHENYLAMINE * UN 2272 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:334 mg/kg MarJV# 29MAR77

BEST COPY AVAILABLE

skn-rat LD50:4700 mg/kg AGGHAR 15,447,57
ipr-rat LD50:180 mg/kg AGGHAR 15,447,57
unk-mam LD50:600 mg/kg GISAAA 48(6),22,83

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0282-0429
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANILINE, o-ETHYL- (8CI) see: BX9800000

BX9800000 ANILINE, 2-ETHYL-
UPDT:8312 CAS: 578-54-1 MW: 121.20 MOLFM: C8-H11-N
SYN: o-AMINOETHYLBENZENE * ANILINE, o-ETHYL- (8CI) * BENZENAMINE, 2-ETHYL- (9CI) * o-ETHYLANILINE * 2-ETHYL ANILINE * 2-ETHYLANILINE (DOT) * 2-ETHYLBENZENAMINE * UN 2273 (DOT)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1260 mg/kg TXAPA9 22,153,72

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BX9900000 ANILINE, 4-ETHYL-
UPDT:8403 CAS: 589-16-2 MW: 121.20 MOLFM: C8-H11-N
SYN: 1-AMINO-4-ETHYLBENZENE * p-ETHYLANILINE

MUTATION DATA AND REFERENCES:
dns-rat:lvr 100 umol/L ENMUDM 5,803,83

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:133 mg/kg JMCMAR 17,900,74
ivn-mus LD50:56 mg/kg CSLNX* NX#02908

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BY0100000 ANILINE, N-ETHYL-N-(2-CYANOETHYL)-
UPDT:8302 CAS: 148-87-8 MW: 162.26 MOLFM: C10-H14-N2
SYN: N-ETHYL-N-(2-CYANOETHYL)ANILINE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1700 mg/kg MarJV# 29MAR77
orl-mus LD50:1560 mg/kg GTPZAB 25(8),50,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BY0210000 ANILINE, p,p'-ETHYLENEDI-, DIHYDROCHLORIDE
UPDT:8311 MW: 285.24 MOLFM: C14-H16-N2 2Cl-H
SYN: 4,4'-DIMETHYLENEDIANILINE DIHYDROCHLORIDE * p,p'-ETHYLENEDIANILINE DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:
dns-rat:lvr 24 mg/L ENMUDM 5,482,83

BY0430000 ANILINE, N-ETHYL-N-METHYL-p-(PHENYLAZO)-
UPDT:8401 CAS: 2058-66-4 MW: 239.35 MOLFM: C15-H17-N3
SYN: BENZENAMINE, N-ETHYL-N-METHYL-4-(PHENYLAZO)- (9CI) * p-ETHYLMETHYLAMINOAZOBENZENE * N-ETHYL-N-METHYL-p-AMINOAZOBENZENE * 4-ETHYLMETHYLAMINOAZOBENZENE * N-ETHYL-N-METHYL-p-(PHENYLAZO)ANILINE * 4-(METHYLETHYL)AMINOAZOBENZENE * N-METHYL-N-ETHYL-p-AMINOAZOBENZENE

MUTATION DATA AND REFERENCES:
dni-mus-orl 20 gm/kg ARGEAR 51,605,81

TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:4684 mg/kg/17W-C JEMEAV 87,139,48
2V03L60 orl-rat TD :2100 mg/kg/16W-C CNREA8 8,141,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY0450000 ANILINE, N-ETHYL-p-((p-NITROPHENYL)THIO)-
UPDT:8305 MW: 274.36 MOLFM: C14-H14-N2-O2-S
SYN: N-ETHYL-p-((p-NITROPHENYL)THIO)ANILINE * p-NITRO-p'-ETHYLAMINODIPHENYLSULFIDE * p-NITRO-p'-ETHYLAMINODIPHENYLSULPHIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:400 mg/kg (1-5D preg) IJEBA6 4,120,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY0480000 ANILINE, N-ETHYL-N-NITROSO-
UPDT:8406 CAS: 612-64-6 MW: 150.20 MOLFM: C8-H10-N2-O
SYN: BENZENAMINE, N-ETHYL-N-NITROSO- (9CI) * ETHYLNITROSOANILINE * NEA * NITROSOETHYLANILINE * N-NITROSO-N-ETHYL ANILINE

MUTATION DATA AND REFERENCES:
otr-mus:fbr 400 ug/L JJINDB 67,1303,81
otr-ham:emb 6300 ug/L JJINDB 67,1303,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T35T41T42 ipr-rat TDLo:180 mg/kg (9D preg) IARCCD 4,112,73

TOXICITY DATA AND REFERENCES:
orl-rat LD50:180 mg/kg VOONAW 14(3),37,68
ipr-rat LD50:180 mg/kg VOONAW 14(3),37,68

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY0500000 ANILINE, N-ETHYL-p-(PHENYLAZO)-
UPDT:8401 CAS: 2058-67-5 MW: 225.32 MOLFM: C14-H15-N3
SYN: BENZENAMINE, N-ETHYL-4-(PHENYLAZO)- * EAB * 4-(ETHYLAMINOAZOBENZENE) * N-ETHYL-4-AMINOAZOBENZENE * N-ETHYL-4-(PHENYLAZO)BENZENAMINE * N-ETHYL-p-(PHENYLAZO)ANILINE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:376 mg/kg/5W-I CNREA8 39,3411,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY0525000 ANILINE, p-((m-ETHYLPHENYL)AZO)-N,N-DIMETHYL-
UPDT:8401 CAS: 17010-65-0 MW: 253.38 MOLFM: C16-H19-N3
SYN: ANILINE, N,N-DIMETHYL-p-((m-ETHYLPHENYL)AZO)- * N,N-DIMETHYL-p-((m-ETHYLPHENYL)AZO)ANILINE * 3'-ETHYL DAB * 3'-ETHYL-4-DIMETHYLAMINOAZOBENZENE * p-((m-ETHYLPHENYL)AZO)-N,N-DIMETHYLANILINE

TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:4858 mg/kg/17W-C CRNGDP 1,419,80
2V03L60 orl-rat TD :2261 mg/kg/17W-I CNREA8 30,1520,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY0700000 ANILINE, p-((p-ETHYLPHENYL)AZO)-N,N-DIMETHYL-
UPDT:8401 CAS: 5302-41-0 MW: 253.38 MOLFM: C16-H19-N3
SYN: N,N-DIMETHYL-4'-ETHYL-4-AMINOAZOBENZENE * N,N-DIMETHYL-p-((4-ETHYLPHENYL)AZO)ANILINE * ANILINE, N,N-DIMETHYL-p((p-ETHYLPHENYL)AZO)- * 4'-ETHYL-DAB * 4'-ETHYL-4-DIMETHYLAMINOAZOBENZENE * p-((p-ETHYLPHENYL)AZO)-N,N-DIMETHYLANILINE

TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:4858 mg/kg/17W-C CRNGDP 1,419,80
2V03L60 orl-rat TD :2142 mg/kg/17W-C JNCIAM 27,663,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY0800000 ANILINE, p-(4-ETHYLPHENYLAZO)-N-METHYL-
UPDT:8401 CAS: 55398-27-1 MW: 239.35 MOLFM: C15-H17-N3
SYN: 4'-ETHYL-N-METHYL-4-AMINOAZOBENZENE * p-(4-ETHYLPHENYLAZO)-N-METHYLANILINE * N-METHYL-4'-ETHYL-p-AMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:1890 mg/kg/15W-C JNCIAM 15,67,54
2V03V10 scu-rat TDLo:181 mg/kg/8W-I CNREA8 35,880,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY1050000 ANILINE, p-((3-ETHYL-p-TOLYL)AZO)-N,N-DIMETHYL-
UPDT:8401 CAS: 17010-63-8 MW: 267.41 MOLFM: C17-H21-N3
SYN: N,N-DIMETHYL-p-((3-ETHYL-p-TOLYL)AZO)ANILINE * p-((3-ETHYL-p-TOLYL)AZO)-N,N-DIMETHYLANILINE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:2005 mg/kg/50D-I CNREA8 30,1520,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY1225000 ANILINE, p-((4-ETHYL-m-TOLYL)AZO)-N,N-DIMETHYL-
UPDT:8401 CAS: 17010-62-7 MW: 266.40 MOLFM: C17-H20-N3
SYN: N,N-DIMETHYL-p-((4-ETHYL-m-TOLYL)AZO)ANILINE * p-((4-ETHYL-m-TOLYL)AZO)-N,N-DIMETHYLANILINE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:500 mg/kg/50D-I CNREA8 30,1520,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY1390000 ANILINE, 2-FLUORO-
UPDT:8403 CAS: 348-54-9 MW: 111.13 MOLFM: C6-H6-F-N
SYN: o-FLUOROANILINE * 2-FLUOROANILINE (DOT) * 2-FLUOROBENZENAMINE * UN 2941 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS, FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BY1575000 ANILINE, 4-FLUORO-
UPDT:8401 CAS: 371-40-4 MW: 111.13 MOLFM: C6-H6-F-N
SYN: 4-FLUORANILIN (Czech) * 4-FLUOROANILINE (DOT) * UN 2946 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,95,72
eye-rbt 250 ug/24H SEV 28ZPAK -,95,72

MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate MUREAV 77,317,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:417 mg/kg CEHYAN 23,168,78
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY1650000 ANILINE, p-FLUORO-N-METHYL-N-NITROSO-
UPDT:8306 MW: 154.16 MOLFM: C7-H7-F-N2-O
SYN: p-FLUORO-N-METHYL-N-NITROSOANILINE * N-NITROSO-N-METHYL-4-FLUOROANILINE

MUTATION DATA AND REFERENCES:
mma-sat 500 ug/plate MUREAV 89,255,81

TUMORIGENIC DATA AND REFERENCES:
2V03X60 orl-rat TDLo:1140 mg/kg/50W-I CRNGDP 4,157,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY1700000 ANILINE, 4-FLUORO-3-NITRO-
UPDT:8408 MW: 156.13 MOLFM: C6-H5-F-N2-O2
SYN: 4-FLUORO-3-NITROANILINE * 4-F-3NA

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1100 mg/kg TXAPA9 72,400,84

ANILINE, p-((p-FLUOROPHENYL)AZO)-N,N-DIMETHYL see: BX5595000

BY1800000 ANILINE, N-FORMYL-N-METHYL-p-(PHENYLAZO)-
UPDT:8401 CAS: 4845-14-1 MW: 239.30 MOLFM: C14-H13-N3-O
SYN: N-FORMYL-N-METHYL-p-(PHENYLAZO)ANILINE * 4-FORMYLMONOMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:9100 mg/kg/34W-C CNREA8 9,652,49

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANILINE GREEN see: BP6825000
ANILINE, HEXAHYDRO- see: GX0700000
ANILINE HYDROCHLORIDE see: CY0875000
ANILINE HYDROCHLORIDE (DOT) see: CY0875000
ANILINE, N-(beta-HYDROXYETHYL)- see: KJ7175000
ANILINE, N-(2-HYDROXYETHYL)- see: KJ7175000

BY3325000 ANILINE, 2-(HYDROXYMERCURI)-4-NITRO-
UPDT:7901 CAS: 64049-27-0 MW: 354.73 MOLFM: C6-H6-Hg-N2-O3

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg NCNSA6 5,12,53
ipr-rat LDLo:50 mg/kg NCNSA6 5,12,53

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

BY3500000 ANILINE, 4,4'-(IMIDOCARBONYL)BIS(N,N-DIMETHYL-
UPDT:8406 CAS: 492-80-8 MW: 267.41 MOLFM: C17-H21-N3
SYN: APYONINE AURAMINE BASE * AURAMINE * AURAMINE BASE * AURAMINE (FREE BASE) * AURAMINE N BASE * AURAMINE OAF * AURAMINE O BASE * AURAMINE OO * AURAMINE SS * AUREMINE * BENZENAMINE, 4,4'-CARBONIMIDOYLBIS(N,N-DIMETHYL- (9CI) * BIS(p-DIMETHYLAMINOPHENYL)METHYLENEIMINE * BRILLIANT OIL YELLOW * C.I. 41000B * C.I. BASIC YELLOW 2, FREE BASE * C.I. SOLVENT YELLOW 34 * 4,4'-DIMETHYLAMINOBENZOPHENONIMIDE * GLAURAMINE * 4,4'-(IMIDOCARBONYL)BIS(N,N-DIMETHYLANILINE) * RCRA WASTE NUMBER U014 * TETRAMETHYLDIAMINODIPHENYLACETIMINE * WAXOLINE YELLOW O * YELLOW PYOCTANINE

MUTATION DATA AND REFERENCES:
mma-sat 250 ug/plate PMRSDJ 1,333,81
dnr-esc 20 mg/L JJINDB 62,873,79
pic-esc 300 mg/L CNREA8 41,532,81
dnd-hcs 2 mg/disc PMRSDJ 1,175,81
sln-dmg-unk 500 ppm 14ZYA8 -,115,65
dnr-smc 100 mg/L PMRSDJ 1,502,81
mrc-smc 78 ppm PMRSDJ 1,481,81
sln-smc 150 mg/L PMRSDJ 1,468,81
dns-hmn:fbr 20 mg/L TXCYAC 21,151,81
otr-rat-orl 150 mg/kg CNREA8 40,1157,80
dni-mus-orl 500 mg/kg MUREAV 46,305,77
otr-ham:kdy 13100 ug/L PMRSDJ 1,626,81
otr-ham:emb 2 mg/L NCIMAV 58,243,81

TUMORIGENIC DATA AND REFERENCES:
2V03V15 orl-rat TDLo:37 gm/kg/87W-C AICCA6 19,483,63
2V03V10 scu-rat TDLo:263 mg/kg/21W-C AICCA6 19,483,63
3V02L60P62 orl-mus TDLo:29 gm/kg/52W BJCAAI 10,653,56
2V03L60 orl-mus TD :42 gm/kg/50W-C AICCA6 19,483,63

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:103 mg/kg PMRSDJ 1,682,81

BEST COPY AVAILABLE

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCSAJ 13,271.70
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 1,69,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 1,69,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY3675000 ANILINE, 4,4'-(IMIDOCARBONYL)BIS(N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8401 CAS: 2465-27-2 MW: 321.89 MOLFM: C17-H21-N3 Cl-H H2-O
SYN: ADC AURAMINE O * AIZEN AURAMINE * AIZEN AURAMINE CONC SFA * AIZEN AURAMINE OH * AURAMINE A) * AURAMINE CONC SPECIALLY SOLUBLE IN SPIRIT * AURAMINE EXTRA * AURAMINE EXTRA CONC. A * AURAMINE FA * AURAMINE HYDROCHLORIDE * AURAMINE LAKE YELLOW O * AURAMINE N * AURAMINE O * AURAMINE O (BIOLOGICAL STAIN) * AURAMINE O EXTRA CONC. A EXPORT * AURAMINE ON * AURAMINE OO * AURAMINE OOO * AURAMINE OS * AURAMINE PURE * AURAMINE SP * AURAMINE YELLOW * BENZENAMINE, 4,4'-CARBONIMIDOYLBIS(N,N-DIMETHYL-, MONOHYDROCHLORIDE (9CI) * 4,4'-BIS(DIMETHYLAMINO)-BENZHYDRYLIDENIMINE HYDROCHLORIDE * 4,4'-BIS(DIMETHYLAMINO)BENZOPHENONE-IMINE HYDROCHLORIDE * 1,1-BIS(p-DIMETHYLAMINOPHENYL)METHYLENIMINE HYDROCHLORIDE * CALCOZINE YELLOW OX * C.I. 41000 * C.I. BASIC YELLOW 2 * C.I. BASIC YELLOW 2, MONOHYDROCHLORIDE * 4,4'-(IMIDOCARBONYL)BIS(N,N-DIMETHYLAMINE), MONOHYDROCHLORIDE * MITSUI AURAMINE O
MUTATION DATA AND REFERENCES:
mma-sat 2 mg/plate — CRNGDP 2,1317,81
dnr-esc 250 ug/disc — MUREAV 41,61,76
dnd-esc 30 ppm — MUREAV 89,95,81
dnd-hmn:fbr 300 umol/L — JTEHD6 9,941,82
dnd-rat-ipr 110 umol/kg — CRNGDP 2,1317,81
dnd-rat:lvr 3 umol/L — SinJF# 26OCT82
dnd-mus-ipr 15 mg/kg — JTEHD6 9,941,82
sce-mus-ipr 7500 ug/kg — JTEHD6 9,941,82
cyt-ham:ovr 20 umol/L/5H-C — ENMUDM 1,27,79
TUMORIGENIC DATA AND REFERENCES:
3V02L60M60 orl-rat TDLo:40 gm/kg/87W-C — BJCAAI 16,87,62
3V03L60V10 scu-rat TDLo:440 mg/kg/21W-I — BJCAAI 16,87,62
2V02L60 orl-mus TDLo:73 gm/kg/52W-C — BJCAAI 16,87,62
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1500 mg/kg — CNREA8 26,619,66
orl-mus LD50:480 mg/kg — CRDLP* 4-59,64
skn-mus LD50:300 mg/kg — CRDLP* 4-59,64
orl-cat LD50:150 mg/kg — CWLTM* 47-6,59
orl-dom LD50:150 mg/kg — CWLTM* 47-6,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY3850000 ANILINE, p-IODO-
UPDT:8308 CAS: 540-37-4 MW: 219.03 MOLFM: C6-H6-I-N
SYN: p-AMINOPHENYL IODIDE * ANILINE, 4-IODO- * BENZENAMINE, 4-IODO- (9CI) * p-IODOANILINE * 4-IODOANILINE
TOXICITY DATA AND REFERENCES:
orl-bwd LD50:100 mg/kg — TXAPA9 21,315,72
orl-rat LD50:523 mg/kg — CEHYAN 23,168,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
ANILINE, 4-IODO- see: BY3850000

BY4140000 ANILINE, 2-ISOPROPOXY-5-NITRO-
UPDT:8406 MW: 196.23 MOLFM: C9-H12-N2-O3
SYN: 2-ISOPROPOXY-5-NITROANILINE * 1-OXY-2-AMINO-4-NITROBENZOL ISOPROPYL AETHER (German)
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:560 mg/kg — AEPPAE 208,178,49

BY4200000 ANILINE, o-ISOPROPYL-
UPDT:8309 CAS: 643-28-7 MW: 135.23 MOLFM: C9-H13-N
SYN: o-AMINOISOPROPYLBENZENE * 2-AMINOISOPROPYLBENZENE * BENZENAMINE, 2-(1-METHYLETHYL)- (9CI) * o-CUMIDINE * o-ISOPROPYLANILINE * 2-ISOPROPYL ANILINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1180 mg/kg — TXAPA9 22,153,72
REVIEW AND REFERENCES:
★ TLV-TWA 2 ppm; STEL 5 ppm (skin) — DTLVS* 4,239,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BY4375000 ANILINE, 2,2'-MERCURIBIS(6-ACETOXYMERCURI-4-NITRO)-
UPDT:7901 CAS: 64049-28-1 MW: 984.09 MOLFM: C16-H14-Hg3-N2-O8
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:250 mg/kg — NCNSA6 5,12,53
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) — DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 — NTIS**
ANILINE, p-METHOXY- see: BZ5450000
ANILINE, p-METHYL- see: XU3150000

BY4550000 ANILINE, N-METHYL-
UPDT:8404 CAS: 100-61-8 MW: 107.17 MOLFM: C7-H9-N
SYN: ANILINOMETHANE * BENZENENAMINE, N-METHYL- (9CI) * (METHYLAMINO)BENZENE * N-METHYLAMINOBENZENE * METHYLANILINE * N-METHYLANILINE * N-METHYLANILINE (DOT) * N-METHYLBENZENAMINE * METHYLPHENYLAMINE * N-METHYLPHENYLAMINE * MONOMETHYLANILINE * N-MONOMETHYLANILINE * N-PHENYLMETHYLAMINE * UN 2294 (DOT)
TOXICITY DATA AND REFERENCES:
ivn-cat LDLo:24 mg/kg — JIHTAB 31,1,49
orl-rbt LDLo:280 mg/kg — JIHTAB 31,1,49
ivn-rbt LDLo:24 mg/kg — JIHTAB 31,1,49
orl-gpg LDLo:1200 mg/kg — XPHBAO 271,16,41
scu-gpg LDLo:1200 mg/kg — XPHBAO 271,16,41
REVIEW AND REFERENCES:
★ TLV-TWA 500 ppb; STEL 1 ppm (skin) — DTLVS* 4,265,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD air:TWA 2 ppm (skin) (SCP-K) — FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST ANDREWS CROSS — CFRGBR 49,172.102,83
STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS: VOL 3 S153
NIOSH MANUAL OF ANALYTICAL METHODS: TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
ANILINE, 2-METHYL- see: XU2975000
ANILINE, 3-METHYL- see: XU2800000
ANILINE, N-METHYL-N,p-DINITROSO see: BX9350000
ANILINE, 4,4'-METHYLENEBIS(2-CHLORO- see: CY1050000

BY5080000 ANILINE, 4,4'-METHYLENEBIS(2-CHLORO-, HYDROCHLORIDE
UPDT:8401 CAS: 64049-29-2 MW: 303.63 MOLFM: C13-H12-Cl2-N2 Cl-H
SYN: 4,4'-METHYLENE BIS(2-CHLOROANILINE) HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-rat TDLo:14 gm/kg/78W-C — TXAPA9 31,47,75
3V01H60L60 orl-mus TDLo:66 gm/kg/78W-C — TXAPA9 31,47,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY5100000 ANILINE, METHYLENEBIS(2,6-DIISOPROPYL)-
UPDT:8402 MW: 366.67 MOLFM: C25-H40-N2
SYN: METHYLENEBIS(2,6-DIISOPROPYL)ANILINE
TOXICITY DATA AND REFERENCES:
3L30P26P27 orl-rat LD50:350 mg/kg — FAATDF 3,285,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY5250000 ANILINE, 4,4'-METHYLENEBIS(N,N-DIMETHYL-
UPDT:8412 CAS: 101-61-1 MW: 254.41 MOLFM: C17-H22-N2
SYN: BENZENAMINE, 4,4'-METHYLENEBIS(N,N-DIMETHYL)- (9CI) * p,p'-BIS(DIMETHYLAMINO)DIPHENYLMETHANE * 4,4'-BIS(DIMETHYLAMINO)DIPHENYLMETHANE * BIS(p-DIMETHYLAMINOPHENYL)METHANE * BIS(4-DIMETHYLAMINOPHENYL)METHANE * BIS(p-(N,N-DIMETHYLAMINO)PHENYL)METHANE * BIS(4-(N,N-DIMETHYLAMINO)PHENYL)METHANE * p,p'-BIS(N,N-DIMETHYLAMINOPHENYL)METHANE * p,p-DIMETHYLAMINODIPHENYLMETHANE * DIPHENYLMETHANE, TETRAMETHYLDIAMINO- * METHANE BASE * METHANE, BIS(p-(DIMETHYLAMINO)PHENYL)- * METHYLENE BASE * 4,4'-METHYLENEBIS(N,N-DIMETHYLANILINE) * 4,4'-METHYLENEBIS(N,N-DIMETHYLBENZENAMINE * MICHLER'S BASE * MICHLER'S HYDRIDE * MICHLER'S METHANE * NCI-C01990 * REDUCED MICHLER'S KETONE * TETRA BASE * TETRAMETHYLDIAMINODIPHENYLMETHANE * p,p'-TETRAMETHYLDIAMINODIPHENYLMETHANE * N,N,N',N'-TETRAMETHYL-p,p'-DIAMINODIPHENYLMETHANE * N,N,N',N'-TETRAMETHYL-4,4'-DIAMINODIPHENYLMETHANE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate — IAPUDO 27,283,80
dnr-esc 20 mg/L — JJIND8 62,873,79
dns-rat:lvr 5 mg/L — MUREAV 97,359,82
hma-mus/sat 125 mg/kg — JJIND8 62,911,79
otr-ham:emb 100 ug/L — IJCNAW 19,642,77
sce-rbt:lym 50 mg/L — MUREAV 89,197,81
TUMORIGENIC DATA AND REFERENCES:
2V01P62 orl-rat TDLo:8500 mg/kg/59W-C — NCITR* NCI-CG-TR-186,79
2V02L60 orl-mus TDLo:82 gm/kg/78W-C — NCITR* NCI-CG-TR-186,79
2V02L60 orl-mus TD :164 gm/kg/78W-C — NCITR* NCI-CG-TR-186,79
2V01N62 orl-rat TD :27 gm/kg/2Y-C — TOLED5 6,391,80
2V03N62 orl-rat TD :14 gm/kg/2Y-C — TOLED5 6,391,80
2V01N62 orl-rat TD :310 gm/kg/59W-C — IARC** 27,119,82
2V03N62 orl-rat TD :155 gm/kg/59W-C — IARC** 27,119,82
2V01L60 orl-mus TD :683 gm/kg/78W-C — IARC** 27,119,82
2V01L60 orl-mus TD :1365 gm/kg/78W-C — IARC** 27,119,82
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg — JPETAB 90,260,47
orl-mus LD50:3160 mg/kg — NCILB* NCI-E-C.72-3252
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 27,119,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE — IARC** 27,119,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, rAT (NCITR* NCI-CG-TR-186,79)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY5275000 ANILINE, 4,4'-METHYLENEBIS(N-METHYL-
UPDT:8401 CAS: 1807-55-2 MW: 226.35 MOLFM: C15-H18-N2
SYN: BENZENAMINE, 4,4'-METHYLENEBIS(N-METHYL- (9CI) * BIS(N-METHYLANILINE)METHANE * BIS(N-METHYLANILINO)METHAN (German) * DIMETHYLDIAMINODIPHENYLMETHANE * 4,4'-METHYLENEBIS(N-METHYLANILINE)
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 scu-rat TDLo:850 mg/kg — ZEKBAI 71,105,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY5300000 ANILINE, 4,4'-METHYLENEBIS(2-METHYL-
UPDT:8401 CAS: 838-88-0 MW: 226.35 MOLFM: C15-H18-N2
SYN: BENZENAMINE, 4,4'-METHYLENEBIS(2-METHYL- * BIS(4-AMINO-3-METHYLPHENYL)METHANE (Czech) * 3,3'-DIMETHYL-4,4'-DIAMINODIPHENYLMETHANE * ME-MDA * METHANE, BIS(4-AMINO-3-METHYLPHENYL)- * 4,4'-METHYLENEBIS(2-METHYLANILINE) * 4,4'-METHYLENEBIS(2-METHYLBENZENAMINE) * 4,4'-METHYLENE DI-o-TOLUIDINE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV — 28ZPAK -,72,72
TUMORIGENIC DATA AND REFERENCES:
3V01L60R60 orl-rat TDLo:4656 mg/kg/55W-C — TXAPA9 31,159,75
3V01J60L60 orl-dog TDLo:4900 mg/kg/4Y-I — JEPTDQ 1(3),339,78
3V01J60L60 orl-rat TD :4820 mg/kg/69W-C — TXAPA9 31,159,75
3V01J60L60 orl-rat TD :6500 mg/kg/26W-I — TXAPA9 31,159,75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1490 mg/kg — 28ZPAK -,72,72
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 4,73,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY5425000 ANILINE, 4,4'-METHYLENEDI-
UPDT:8402 CAS: 101-77-9 MW: 198.29 MOLFM: C13-H14-N2
SYN: 4-(4-AMINOBENZYL)ANILINE * BIS-p-AMINOPENYLMETHAN (Czech) * BIS(p-AMINOPHENYL)METHANE * BIS(4-AMINOPHENYL)METHANE * CURITHANE * DADPM * DAPM * DDM * p,p'-DIAMINODIFENYLMETHAN (Czech) * 4,4'-DIAMINODIPHENYLMETHAN (German) * DIAMINODIPHENYLMETHANE * p,p'-DIAMINODIPHENYLMETHANE * 4,4'-DIAMINODIPHENYLMETHANE * 4,4'-DIAMINODIPHENYL METHANE (DOT) * DI(4-AMINOPHENYL)METHANE * DIANALINEMETHANE * DIANILINOMETHANE * 4,4'-DIPHENYLMETHANEDIAMINE * EPICURE DDM * EPIKURE DDM * HT 972 * MDA * METHYLENEBIS(ANILINE) * 4,4'-METHYLENEBISANILINE * METHYLENEDIANILINE * p,p'-METHYLENEDIANILINE * 4,4'-METHYLENEDIANILINE * TONOX * UN 2651 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV — 28ZPAK -,71,72
MUTATION DATA AND REFERENCES:
mmo-sat 250 ug/plate — MUREAV 67,123,79
mma-sat 50 ug/plate — MUREAV 67,123,79
dnd-rat-ipr 370 umol/kg — CRNGDP 2,1317,81
sce-mus-ipr 9 mg/kg — MUREAV 108,225,83
TUMORIGENIC DATA AND REFERENCES:
3V03L60M61 orl-rat TDLo:320 mg/kg/1 — NATUAS 219,1162,68
2V03L60 scu-rat TDLo:1410 mg/kg/1 — NATWAY 57,247,70
TOXICITY DATA AND REFERENCES:
3F21L12L30 orl-man TDLo:8420 ug/kg — BMJOAE 1,514,66
orl-rat LD50:347 mg/kg — 28ZPAK -,71,72
scu-rat LD50:200 mg/kg — NATWAY 57,247,70
ipr-mus LD50:74 mg/kg — RCOCB8 14,677,76
orl-dog LDLo:300 mg/kg — TXCYAC 11,185,78
scu-dog LDLo:400 mg/kg — AEXPBL 58,167,1907
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 6(1),45,73

BEST COPY AVAILABLE

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 4,79,74
★ TLV-TWA 100 ppb; STEL 500 ppb (skin) DTLVS* 4,278,80
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 8, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY5426000 ANILINE, 4,4'-METHYLENEDI-, DIHYDROCHLORIDE
UPDT:8412 CAS: 13552-44-8 MW: 271.21 MOLFM: C13-H14-N2 2CI-H
SYN: 4,4'-METHYLENEDIANILINE DIHYDROCHLORIDE * NCI-C34604
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:10950 mg/kg/2Y-C NTPTR* NTP-TR-248,83
3V01L60N61 orl-mus TDLo:21900 mg/kg/2Y-C NTPTR* NTP-TR-248,83
3V01L60N62 orl-rat TD :21900 mg/kg/2Y-C NTPTR* NTP-TR-248,83
3V01L60N62 orl-mus TD :43800 mg/kg/2Y-C NTPTR* NTP-TR-248,83
STATUS:
★ NTP CARCINOGENESIS STUDIES COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NTPTR* NTP-TR-248,83)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY5600000 ANILINE, 2-METHYL-6-ETHYL-
UPDT:8407 CAS: 24549-06-2 MW: 135.23 MOLFM: C9-H13-N
SYN: BENZENAMINE, 2-ETHYL-6-METHYL- * 2-METHYL-6-ETHYL ANILINE
TOXICITY DATA AND REFERENCES:
3L30P26P27 orl-rat LD50:885 mg/kg FAATDF 3,285,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ANILINE, 4,4',4''-METHYLIDYNETRI- see: PB7350000

BY5700000 ANILINE, N-METHYL-4,4'-METHYLENEDI-
UPDT:8303 MW: 212.32 MOLFM: C14-H16-N2
SYN: N-METHYL-4,4'-METHYLENEDIANILINE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREAB 42,3475,82

BY5760000 ANILINE, N-(2-METHYL-2-NITROPROPYL)-p-NITROSO-
UPDT:8406 CAS: 24458-48-8 MW: 223.26 MOLFM: C10-H13-N3-O3
SYN: BENZENAMINE, N-(2-METHYL-2-NITROPROPYL)-p-NITROSO- (9CI) * N-(2-METHYL-2-NITROPROPYL)-p-NITROSOANILINE * N-(2-METHYL-2-NITROPROPYL)-4-NITROSOBENZAMINE * NITROL * NITROL (PROMOTER) * N-(p-NITROSOANILINOMETHYL)-2-NITROPROPANE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2730 mg/kg CHIP** 27DEC83

BY5775000 ANILINE, N-METHYL-N-NITROSO-
UPDT:8412 CAS: 614-00-6 MW: 136.17 MOLFM: C7-H8-N2-O
SYN: BENZENAMINE, N-METHYL-N-NITROSO- * METHYLNITROSOANILINE * N-METHYL-N-NITROSOANILINE * N-METHYL-N-NITROSOBENZENAMINE * METHYLPHENYLNITROSAMINE * NMA * NITROSOMETHYLANILINE * N-NITROSO-N-METHYLANILINE * N-NITROSOMETHYLPHENYLAMINE * NMA * PHENYLMETHYLNITROSAMINE
MUTATION DATA AND REFERENCES:
mma-sat 735 nmol/plate CALEDQ 15,289,82
mma-esc 50 umol/L MUREAV 26,361,74
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ipr-rat TDLo:140 mg/kg (13D preg) ZEKBAI 71,32,68
3T35T41T42 ipr-rat TDLo:140 mg/kg (9D preg) IARCCD 4,112,73
1T46 ipr-rat TDLo:140 mg/kg (13D preg) IARCCD 4,112,73
TUMORIGENIC DATA AND REFERENCES:
2VC1K60 orl-rat TDLo:61 mg/kg/29W-C CALEDQ 1,215,76
2V01K60 scu-rat TDLo:78 mg/kg/39W-I CALEDQ 1,215,76
3V02J60P62 orl-mus TDLo:2744 mg/kg/28W-C JNCIAM 46,1029,71
2V01K60 orl-rat TD :4050 mg/kg/29W-C BJCAAI 18,265,64
3V03K60M60 orl-rat TD :3400 mg/kg/35W-C ZEKBAI 69,103,67
2V03K60 orl-rat TD :3400 mg/kg/35W-C ARZNAD 19,1077,69
2V03K60 orl-rat TD :1000 mg/kg/50W-I CRNGDP 4,157,83
2V03K60 orl-rat TD :1250 mg/kg/50W-I CRNGDP 4,157,83
2V03K60 orl-rat TD :500 mg/kg/20W-C PAACA3 25,126,84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:225 mg/kg TXAPA9 17,426,70
ipr-rat LD50:180 mg/kg ZEKBAI 71,32,68
orl-ham LD50:150 mg/kg TXAPA9 17,426,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY5850000 ANILINE, N-METHYL-N-NITROSO-4-(PHENYLAZO)-
UPDT:8401 CAS: 16339-01-8 MW: 240.29 MOLFM: C13-H12-N4-O
SYN: 4-METHYLAMINO-N-NITROSOAZOBENZENE * N-METHYL-N-NITROSO-4-(PHENYLAZO)ANILINE * N-NITROSO-4-METHYLAMINOAZOBENZENE * N-NITROSO-4-METHYLAMINOAZOBENZOL (German)
MUTATION DATA AND REFERENCES:
dni-mus-orl 20 gm/kg ARGEAR 51,605,81
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:100 mg/kg ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1200 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY5855000 ANILINE, N-METHYL-N,2,3,4,6-PENTANITRO-
UPDT:8308 MW: 332.17 MOLFM: C7-H4-N6-O10
SYN: 2,3,4,6-TETRANITROPHENYL METHYL NITRAMINE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

BY5950000 ANILINE, N-METHYL-p-(PHENYLAZO)-
UPDT:8411 CAS: 621-90-9 MW: 211.29 MOLFM: C13-H13-N3
SYN: BENZENAMINE, N-METHYL-4-(PHENYLAZO)- (9CI) * MAB * 4-(METHYLAMINO)AZOBENZENE * N-METHYL-4-AMINOAZOBENZENE * N-METHYL-p-AMINOAZOBENZENE * N-METHYL p-(PHENYLAZO)ANILINE * p-MONOMETHYLAMINOAZOBENZENE * 4-MONOMETHYLAMINOAZOBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 200 ug/plate PNASA6 72,5135,75
dnd-smc 830 umol/L CNREAB 33,529,73
dnd-rat-orl 200 umol/kg CBINAB 31,1,80
dnd-rat-lvr 790 umol/L CNREAB 33,529,73
dnd-rat-ipr 120 mg/kg CNREAB 35,844,75
dns-rat-lvr 1 umol/L GANNA2 72,930,81
dnd-mus-ipr 120 mg/kg CNREAB 40,2493,80
dns-mus-lvr 1 umol/L GANNA2 72,930,81
dnd-mam-lym 250 umol/L CNREAB 33,529,73
dnd-mam-lvr 830 umol/L CNREAB 33,529,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 scu-mus TDLo:150 mg/kg (10D preg) OFAJAE 36,195,60
2T43T46 scu-mus TDLo:600 mg/kg (9-10D preg) OFAJAE 36,195,60
TUMORIGENIC DATA AND REFERENCES:
3V02D45L60 orl-rat TDLo:634 mg/kg/5W-I CNREAB 39,3411,79
2V02R60 skn-rat TDLo:930 mg/kg/58W-I CNREAB 26,2406,66
2V01L60 ipr-rat TDLo:317 mg/kg/3W-I CNREAB 44,2540,84
3V03L60R60 scu-rat TDLo:480 mg/kg/12W-I CNREAB 27,1600,67
2V02L60 ipr-mus TDLo:3592 ug/kg CNREAB 44,2540,84
2V03L60 orl-rat TD :3700 mg/kg/17W-C CNREAB 5,227,45
2V03L60 orl-rat TD :2600 mg/kg/15W-C CNREAB 5,235,45
2V03L60 orl-rat TD :2550 mg/kg/19W-C CNREAB 8,141,48
2V02L60 ipr-mus TD :11 mg/kg CNREAB 44,2540,84
2V03L60 orl-rat TD :3400 mg/kg/27W-C JNCIAM 15,67,54
3V03J60L60 orl-rat TD :13 gm/kg/34W-C GANNA2 59,131,68
3V03D45L60 ipr-rat TD :38 mg/kg CNREAB 39,3411,79
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:600 mg/kg OFAJAE 36,195,60
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY6000000 ANILINE, p-(3-METHYLPHENYLAZO)-
UPDT:8403 CAS: 722-23-6 MW: 211.29 MOLFM: C13-H13-N3
SYN: 3'-METHYL-4-AMINOAZOBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate CRNGDP 4,1687,83
mma-sat 1 umol/plate CRNGDP 1,121,80

BY6100000 ANILINE, N-METHYL- mixed with SODIUM NITRITE (1:35)
UPDT:8401
SYN: N-METHYLANILINE mixed with SODIUM NITRITE (1:35) * N-METHYLANILIN und NATRIUMNITRIT (German) * NATRIUMNITRAT und N-METHYLANILIN (German) * SODIUM NITRITE mixed with N-METHYLANILINE (35:1)
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:124 gm/kg/16W-C ARZNAD 21,1572,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY6150000 ANILINE, N-METHYL-, and SODIUM NITRITE (1.2:1)
UPDT:8401
SYN: METHYLANILINE and SODIUM NITRITE (1.2:1) * SODIUM NITRITE and METHYLANILINE (1:1.2)
TUMORIGENIC DATA AND REFERENCES:
3V01J60P62 orl-mus TDLo:81 gm/kg/28W-C JNCIAM 46,1029,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY6200000 ANILINE, 4-(METHYLSULFONYL)-2,6-DINITRO-N,N-DIPROPYL-
UPDT:8403 CAS: 4726-14-1 MW: 345.41 MOLFM: C13-H19-N3-O6-S
SYN: ANILINE, 2,6-DINITRO-N,N-DIPROPYL-4-(METHYLSULFONYL)- * BENZENAMINE, 4-(METHYLSULFONYL)-2,6-DINITRO-N,N-DIPROPYL- (9CI) * 2,6-DINITRO-4-METHYLSULFONYL-N,N-DIPROPYLANILINE * 4-(METHYLSULFONYL)-2,6-DINITRO-N,N-DIPROPYLANILINE * 4-(METHYLSULFONYL)-2,6-DINITRO-N,N-DIPROPYLBENZENEAMINE * NITRALIN * NITRALINE * PLANAVIN * PLANAVIN 75 * PLANUIN * SD 11831
TOXICITY DATA AND REFERENCES:
unk-mam LD50:2000 mg/kg 30ZDA9 -,84,71

BY6300000 ANILINE, N-METHYL-N,2,4,6-TETRANITRO-
UPDT:8404 CAS: 479-45-8 MW: 287.17 MOLFM: C7-H5-N5-O8
SYN: N-METHYL-N,2,4,6-TETRANITROANILINE * BENZENAMINE, N-METHYL-N,2,4,6-TETRANITRO- (9CI) * CE * NITRAMINE * PICRYLMETHYLNITRAMINE * PICRYLNITROMETHYLAMINE * TETRALIT * TETRALITE * TETRIL * TETRYL * 2,4,6-TETRYL * TETRYL (DOT) * TRINITROPHENYLMETHYLNITRAMINE * 2,4,6-TRINITROPHENYLMETHYLNITRAMINE * 2,4,6-TRINITROPHENYL-N-METHYLNITRAMINE * TRINITROPHENYLMETHYLENITRAMINE (DOT) * UN 0208 (DOT)
MUTATION DATA AND REFERENCES:
mma-sat 2500 ng/plate TOLEDS 5,11,80
mma-sat 2500 ng/plate TOLEDS 5,11,80
mma-rec 5 ug/plate TOLEDS 5,11,80
mrc-smc 5 ug/plate TOLEDS 5,11,80
TOXICITY DATA AND REFERENCES:
scu-dog LDLo:5000 mg/kg JIDHAN 2,247,20
REVIEW AND REFERENCES:
★ TLV-TWA 1500 ug/m3; STEL 3 mg/m3 (skin) DTLVS* 4,395,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1500 ug/m3 (skin) (SCP-Q) FEREAC 39,23540,74
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S225
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

BY6350000 ANILINE, N-METHYL-p-(m-TOLYLAZO)-
UPDT:8401 CAS: 2050-62-0 MW: 225.32 MOLFM: C14-H15-N3
SYN: N-METHYL-3'-METHYL-p-AMINOAZOBENZENE * N-METHYL-3'-METHYL-4-AMINOAZOBENZENE * 3-METHYL-4-MONOMETHYLAMINOAZOBENZENE * N-METHYL p-(m-TOLYLAZO)ANILINE
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate CRNGDP 1,121,80
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:2520 mg/kg/20W-C JNCIAM 15,67,54
2V03L60 orl-rat TD :2550 mg/kg/20W-C CNREAB 8,141,48
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY6400000 ANILINE, N-METHYL-p-(o-TOLYLAZO)-
UPDT:8401 CAS: 17018-24-5 MW: 225.32 MOLFM: C14-H15-N3
SYN: N-METHYL-2'-METHYL-p-AMINOAZOBENZENE * N-METHYL-2'-METHYL-4-AMINOAZOBENZENE * N-METHYL p-(o-TOLYLAZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:2350 mg/kg/14W-C CNREAB 8,141,48
2V03L60 orl-rat TD :4540 mg/kg/36W-C JNCIAM 15,67,54
2V03L60 orl-rat TD :7800 mg/kg/34W-C CNREAB 17,387,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY6450000 ANILINE, N-METHYL-p-(p-TOLYLAZO)-
UPDT:8401 CAS: 28149-22-6 MW: 225.32 MOLFM: C14-H15-N3
SYN: N-METHYL-4'-METHYL-p-AMINOAZOBENZENE * N-METHYL-4'-METHYL-4-AMINOAZOBENZENE * N-METHYL p-(p-TOLYLAZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:2400 mg/kg/14W-C CNREAB 8,141,48
2V03L60 orl-rat TD :4540 mg/kg/36W-C JNCIAM 15,67,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANILINE MUSTARD see: BWB225000

BY6645000 ANILINE, N-NITRO-
UPDT:8308 CAS: 645-55-0 MW: 138.14 MOLFM: C6-H6-N2-O2
SYN: BENZENAMINE, N-NITRO- * N-NITROANILINE (DOT) * PHENYLNITRAMINE * N-PHENYLNITRAMINE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

BY6650000 ANILINE, o-NITRO-
UPDT:8411 CAS: 88-74-4 MW: 138.14 MOLFM: C6-H6-N2-O2

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

SYN: 1-AMINO-2-NITROBENZENE * AZOENE FAST ORANGE GR BASE * AZOENE FAST ORANGE GR SALT * AZOFIX ORANGE GR SALT * AZOGENE FAST ORANGE GR * AZOIC DIAZO COMPONENT 6 * BRENTAMINE FAST ORANGE GR BASE * BRENTAMINE FAST ORANGE GR SALT * C.I. 37025 * C.I. AZOIC DIAZO COMPONENT 6 * DEVOL ORANGE B * DEVOL ORANGE SALT B * DIATO FAST ORANGE GR * FAST ORANGE BASE GR * FAST ORANGE BASE JR * FAST ORANGE GR BASE * FAST ORANGE GR SALT * FAST ORANGE O BASE * FAST ORANGE O SALT * FAST ORANGE SALT GR * FAST ORANGE SALT JR * HILTONIL FAST ORANGE GR BASE * HILTONIL FAST ORANGE GR SALT * HINDASOL ORANGE GR SALT * NATASOL FAST ORANGE GR SALT * o-NITRANILINE * o-NITROANILINE * ORANGE BASE CIBA II * ORANGE BASE IRGA II * ORANGE GRS SALT * ORANGE SALT CIBA II * ORANGE SALT IRGA II * ORTHONITROANILINE (DOT) * UN 1661 (DOT)

TOXICITY DATA AND REFERENCES:

2F07F12	orl-rat LD50:1600 mg/kg	VKMGA7 6,89,66
*	orl-mus LD50:1070 mg/kg	GTPZAB 25(8),50,81
*	skn-rbt LD50:20 gm/kg	TXAPA9 42,417,77
2F07F12	orl-gpg LD50:2350 mg/kg	VKMGA7 6,89,66
*	unk-mam LD50:9441 mg/kg	GISAAA 48(6),22,83

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA B(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

BY6825000 ANILINE, m-NITRO-

UPDT:8312 CAS: 99-09-2 MW: 138.14 MOLFM: C6-H6-N2-O2

SYN: AMARTHOL FAST ORANGE R BASE * m-AMINONITROBENZENE * 1-AMINO-3-NITROBENZENE * AZOBASE MNA * BENZENAMINE, 3-NITRO- (9CI) * C.I. 37030 * C.I. AZOIC DIAZO COMPONENT 7 * DAITO ORANGE BASE R * DEVOL ORANGE R * DIAZO FAST ORANGE R * FAST ORANGE BASE R * FAST ORANGE M BASE * FAST ORANGE MM BASE * FAST ORANGE R BASE * FAST ORANGE R SALT * HILTONIL FAST ORANGE R BASE * MNA * NAPHTOELAN ORANGE R BASE * NITRANILIN * m-NITROAMINOBENZENE * m-NITRANILINE * m-NITROANILINE * 3-NITROANILINE * m-NITROANILINE (DOT) * 3-NITROBENZENAMINE * m-NITROPHENYLAMINE * ORANGE BASE IRGA I * UN 1661 (DOT)

MUTATION DATA AND REFERENCES:

mma-sat 15 mmol/L	AEMIDF 44,801,82
mma-sat 10 umol/plate	MUREAV 58,11,78

TOXICITY DATA AND REFERENCES:

orl-rat LD50:535 mg/kg	AMRL** TR-72-62,72
orl-mus LD50:308 mg/kg	AMRL** TR-72-62,72
ipr-dog LDLo:70 mg/kg	JIDHAN 2,247,20
2F07F12 orl-gpg LD50:450 mg/kg	VKMGA7 6,89,66

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPA TSCA B(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

BY7000000 ANILINE, p-NITRO-

UPDT:8412 CAS: 100-01-6 MW: 138.14 MOLFM: C6-H6-N2-O2

SYN: p-AMINONITROBENZENE * 1-AMINO-4-NITROBENZENE * ANILINE, 4-NITRO- * AZOAMINE RED ZH * AZOFIX RED GG SALT * AZOIC DIAZO COMPONENT 37 * BENZENAMINE, 4-NITRO- (9CI) * C.I. 37035 * C.I. AZOIC DIAZO COMPONENT 37 * C.I. DEVELOPER 17 * DEVELOPER P * DEVOL RED GG * DIAZO FAST RED GG * FAST RED BASE GG * FAST RED BASE 2J * FAST RED 2G BASE * FAST RED 2G SALT * FAST RED GG BASE * FAST RED GG SALT * FAST RED MP BASE * FAST RED P BASE * FAST RED P SALT * FAST RED SALT GG * FAST RED SALT 2J * NAPHTOELAN RED GG BASE * NCI-C60786 * p-NITRANILINE * 4-NITRANILINE * NITRAZOL CF EXTRA * p-NITROANILINA (Polish) * p-NITROANILINE * p-NITROANILINE (DOT) * 4-NITROANILINE * 4-NITROBENZENAMINE * p-NITROPHENYLAMINE * PARANITROANILINE, SOLID (DOT) * PNA * RCRA WASTE NUMBER P077 * RED 2G BASE * SHINNIPPON FAST RED GG BASE * UN 1661 (DOT)

MUTATION DATA AND REFERENCES:

mma-sat 333 ug/plate	ENMUDM 5(Suppl 1),3,83
mma-sat 1 mg/L	ENMUDM 5,803,83
mma-esc 10 gm/L	FCTXAV 18,215,80
dnr-esc 10 gm/L	FCTXAV 18,215,80
dnd-esc 10 gm/L	FCTXAV 18,215,80
pic-esc 100 mmol/L	MDMIAZ 31,11,79

TOXICITY DATA AND REFERENCES:

orl-rat LD50:750 mg/kg	CEHYAN 23,168,78
orl-mus LD50:810 mg/kg	TXAPA9 42,417,77
ipr-mus LD50:250 mg/kg	NTIS** AD691,490
ims-mus LD50:800 mg/kg	IGIBAS 15,151,66
2F07F12 orl-gpg LD50:450 mg/kg	VKMGA7 6,89,66
orl-bwd LD50:75 mg/kg	TXAPA9 21,315,72
irn-mam LDLo:40 mg/kg	XPHBAO 271,34,41

REVIEW AND REFERENCES:

★ TLV-TWA 3 mg/m3 (skin) — DTLVS* 4,302,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 1 ppm (skin) (SCP-A) — FEREAC 39,23540,74

★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82

STATUS:

NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5, 57 #

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPA TSCA B(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

ANILINE, 4-NITRO- see: BY7000000

BY7350000 ANILINE, p-NITRO-, MERCURY(II) deriv.

UPDT:7901 CAS: 66827-74-5

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:500 mg/kg	NCNSA6 5,32,53
ipr-rat LDLo:500 mg/kg	NCNSA6 5,32,53

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Hg)/m3 (skin) — DTLVS* 4,254,80

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 — NTIS**

BY7400000 ANILINE, 5-NITRO-2-PROPOXY-

UPDT:8406 MW: 196.23 MOLFM: C9-H12-N2-O3

SYN: 5-NITRO-2-PROPOXYANILINE * 1-OXY-2-AMINO-4-NITROBENZOL PROPYL AETHER (German)

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:360 mg/kg	AEPPAE 208,178,49

ANILINE OIL see: BW6650000

ANILINE OIL, LIQUID (DOT) see: BW6650000

BY7875000 ANILINE, OXO(TARTRATO)ANTIMONATE(1-)

UPDT:7901 CAS: 1300-14-7 MW: 379.98 MOLFM: C8-H8-N-O8-Sb

SYN: ANILINE ANTIMONYL TARTRATE * ANTIMONYL ANILINE TARTRATE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:81 mg/kg	AJTMAQ 25,263,45

REVIEW AND REFERENCES:

★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

BY7900000 ANILINE, 4,4'-OXYDI-

UPDT:8412 CAS: 101-80-4 MW: 200.26 MOLFM: C12-H12-N2-O

SYN: p-AMINOPHENYL ETHER * 4-AMINOPHENYL ETHER * BENZENAMINE, 4,4'-OXYBIS- * BIS(4-AMINOPHENYL)ETHER * BIS(p-AMINOPHENYL)ETHER * DADPE * 4,4-DADPE * 4,4-DIAMINOBIPHENYLOXIDE * DIAMINODIPHENYL ETHER * 4,4-DIAMINODIPHENYL ETHER * p,p-DIAMINODIPHENYL ETHER * 4,4'-DIAMINODIPHENYL OXIDE * 4,4'-DIAMINOPHENYL ETHER * 4,4'-DIAMINOPHENYL OXIDE * ETHER, 4,4'-DIAMINODIPHENYL * NCI-C50146 * OXYBIS(4-AMINOBENZENE) * 4,4'-OXYBISANILINE * p,p'-OXYBISANILINE * 4,4'-OXYBISBENZENAMINE * OXYDIANILINE * 4,4-OXYDIANILINE * p,p'-OXYDIANILINE * 4,4'-OXYDIPHENYLAMINE * OXYDI-p-PHENYLENEDIAMINE

MUTATION DATA AND REFERENCES:

mma-sat 250 ug/plate	MUREAV 67,123,79
mma-sat 50 ug/plate	MUREAV 67,123,79
dnd-rat-ipr 3640 umol/kg	CRNGDP 2,1317,81

TUMORIGENIC DATA AND REFERENCES:

3V01L60N62 orl-rat TDLo:8652 mg/kg/2Y-C	NCITR* NCI-CG-TR-205,80
3V03P61R60 scu-rat TDLo:8550 mg/kg/76W-I	VOONAW 21(3),69,75
3V01D29L60 orl-mus TDLo:13 gm/kg/2Y-C	NCITR* NCI-CG-TR-205,80
3V03J60P61 scu-mus TDLo:7000 mg/kg/39W-I	VOONAW 21(3),69,75
3V03M61P60 orl-rat TD:19 gm/kg/77W-I	VOONAW 21(3),69,75
3V03J60P61 orl-mus TD:11 gm/kg/30W-I	VOONAW 21(3),69,75

TOXICITY DATA AND REFERENCES:

orl-rat LD50:725 mg/kg	HYSAAV 33,137,68
ipr-rat LD50:365 mg/kg	HYSAAV 33,137,68
orl-mus LD50:685 mg/kg	HYSAAV 33,137,68
ipr-mus LD50:300 mg/kg	HYSAAV 33,137,68
orl-rbt LD50:700 mg/kg	HYSAAV 33,137,68
ipr-rbt LD50:650 mg/kg	HYSAAV 33,137,68
* orl-gpg LD50:650 mg/kg	85GMAT -,43,82

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 29,203,82

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 16,301,78

STATUS:

★ CARCINOGENESIS BIOASSAY COMPLETED,RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-205,80)

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY7924900 ANILINE, N,2,3,4,6-PENTANITRO-

UPDT:8308 MW: 318.14 MOLFM: C6-H2-N6-O10

SYN: N,2,3,4,6-TETRANITROPHENYLENTRAMINE (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

BY7925000 ANILINE, 2,3,4,5,6-PENTANITRO-, dry

UPDT:8308 CAS: 21985-87-5 MW: 318.14 MOLFM: C6-H2-N6-O10

SYN: BENZENAMINE, 2,3,4,5,6-PENTANITRO- * PENTANITROANILINE, dry (DOT) * 2,3,4,5,6-PENTANITROANILINE

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

BY7930000 ANILINE, p-PHENOXY-

UPDT:8403 CAS: 139-59-3 MW: 185.26 MOLFM: C12-H11-N-O

SYN: 4-AMINOBIPHENYL ETHER * 4-AMINODIPHENYL ETHER * p-AMINODIPHENYL PHENYL ETHER * 4-AMINOPHENYL PHENYL ETHER * BENZENAMINE, 4-PHENOXY- (9CI) * p-PHENOXYANILINE * 4-PHENOXYANILINE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD	28ZPAK -,119,72
eye-rbt 100 mg/24H SEV	28ZPAK -,119,72

MUTATION DATA AND REFERENCES:

mma-sat 25 ug/plate	MUREAV 67,123,79
mma-sat 25 ug/plate	MUREAV 67,123,79

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1100 mg/kg	28ZPAK -,119,72
orl-mus LD50:685 mg/kg	HYSAAV 33,137,68
ipr-mus LD50:365 mg/kg	HYSAAV 33,137,68

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ANILINE, N-PHENYL- see: JJ7800000

ANILINE, N-(PHENYLAZO)- see: XY2625000

BY8225000 ANILINE, p-(PHENYLAZO)-

UPDT:8411 CAS: 60-09-3 MW: 197.26 MOLFM: C12-H11-N3

SYN: AAB * AMINOAZOBENZENE * p-AMINOAZOBENZENE * 4-AMINOAZOBENZENE * 4-AMINO-1,1-AZOBENZENE * AMINOAZOBENZENE (indicator) * p-AMINOAZOBENZOL * 4-AMINOAZOBENZOL * p-AMINODIPHENYLIMIDE * ANILINE YELLOW * AZOBENZENE, 4-AMINO- * BENZENAMINE, 4-(PHENYLAZO)- (9CI) * 4-BENZENEAZOANILINE * BRASILAZINA OIL YELLOW G * CELLITAZOL R * CERES YELLOW R * C.I. 11000 * C.I. SOLVENT BLUE 7 * C.I. SOLVENT YELLOW 1 * FAST SPIRIT YELLOW * FAST SPIRIT YELLOW AAB * FAT YELLOW AAB * INDULINE R * OIL SOL ANILINE YELLOW * OIL SOLUBLE ANILINE YELLOW * OIL YELLOW AAB * OIL YELLOW AB * OIL YELLOW AN * OIL YELLOW B * OIL YELLOW 2G * OIL YELLOW R * ORGANOL YELLOW * ORGANOL YELLOW 2A * PARAPHENOLAZO ANILINE * 4-(PHENYLAZO)ANILINE * p-(PHENYLAZO)ANILINE * 4-(PHENYLAZO)BENZENAMINE * p-PHENYLAZOPHENYLAMINE * SOLVENT YELLOW 1 * SOMALIA YELLOW 2G * STEARIK BROWN 4R * SUDAN YELLOW R * SUDAN YELLOW RA * USAF EK 1373

MUTATION DATA AND REFERENCES:

mma-sat 50 nmol/plate	CRNGDP 3,1113,82
mma-sat 10C ug/plate	PNASA6 72,5135,75
mrc-esc 700 ug/well	MUREAV 46,53,77
dnd-esc 500 umol/L	MUREAV 89,95,81
dnd-rat-ipr 1420 umol/kg	CRNGDP 2,1317,81
dns-rat:lvr 5 umol/L	ENMUDM 3,11,81
dni-rat:lvr 1 umol/L	AMOKAO 30,303,76
oms-rat:lvr 10 umol/L	AMOKAO 30,303,76
mma-mus:lym 10600 ug/L	MUREAV 97,49,82
dnd-mus:ast 500 umol/L	MUREAV 89,95,81
dns-mus:lvr 1 umol/L	GANNA2 72,930,81
dni-mus-ipr 20 gm/kg	ARGEAR 51,605,81
scc-mus-ipr 31 mg/kg	MUREAV 108,225,83
hma-mus-sat 125 mg/kg	JJIND8 62,911,79
otr-ham:kdy 80 ug/L	BJCAAI 37,873,78
otr-ham:emb 32 mg/L	NCIMAV 58,243,81

TUMORIGENIC DATA AND REFERENCES:

2V03J60 orl-rat TDLo:89 gm/kg/57W-C	JPBAA7 59,1,47
2V02R60 skn-rat TDLo:1965 mg/kg/2Y-I	CNREAB 26,2406,66
2V02L60 ipr-mus TDLo:3353 ug/kg	CNREAB 44,2540,84
3V03T65L60 scu-mus TDLo:296 mg/kg (15-19D preg)	CALEDQ 17,321,83
2V02J60M61 irn-frg TDLo:12 mg/kg	CNREAB 24,1969,64
2V02L60 ipr-mus TD:10 mg/kg	CNREAB 44,2540,84

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:200 mg/kg	NTIS** AD277,689

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW, 32XPAD -,49,75

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 8,53,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BEST COPY AVAILABLE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANILINE RED see: CK9855000

ANILINE SALT see: CY0875000

BY8410000 ANILINE, mixed with SODIUM NITRITE

UPDT:8303 MW: 162.14 MOLFM: C6 H7 N . N Na O2

SYN: SODIUM NITRITE mixed with ANILINE

MUTATION DATA AND REFERENCES:

mmo-sat 50 nmol/plate TOLEDS 6,379,80

ANILINE, p-STIBONO- (BC) see: CJ1330000

BY8440000 ANILINE, 4,4'-SULFINYLDI-

UPDT:8405 CAS: 119-59-5 MW: 232.32 MOLFM: C12 H12 N2 O S

SYN: BENZENAMINE, 4,4'-SULFINYLBIS- (9CI) * Bis(p-AMINOPHENYL) SULFOXIDE * DDSO * p,p'-DIAMINODIPHENYL SULFOXIDE * 4,4-DIAMINODIPHENYL SULFOXIDE * p,p-DIAMINODIPHENYL SULPHOXIDE * Dlip-AMINOPHENYL) SULFOXIDE * 4,4-DIAMINOPHENYL SULFOXIDE * MEDAPSOL * p,p'-SULFINYLDIANILINE * 4,4'-SULFINYLDIANILINE

MUTATION DATA AND REFERENCES:

mma-sat 50 ug/plate IJLEAG 51,45,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 or1-rat TDLo:250 mg/kg (1-5D preg) IJEBA6 4,120,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

p-ANILINESULFONAMIDE see: WO8400000

ANILINE-p-SULFONIC AMIDE see: WO8400000

ANILINE, 4,4'-(SULFONYLBIS(p-PHENYLENEOXY))DI- see: BY8955000

BY8925000 ANILINE, 4,4'-SULFONYLDI-

UPDT:8412 CAS: 80-08-0 MW: 248.32 MOLFM: C12 H12 N2 O2 S

SYN: AVLOSULFON * AVLOSULPHONE * BENZENAMINE, 4,4'-SULFONYLBIS- (9CI) * Bis(p-AMINOPHENYL)SULPHONE * Bis(p-AMINOPHENYL) SULFONE * BIS(4-AMINOPHENYL) SULFONE * BIS(p-AMINOPHENYL)SULPHONE * BIS(4-AMINOPHENYL)SULPHONE * CROYSULFONE * CROYSULPHONE * DADPS * DAPSON * DAPSONE * DAPSONUM * DDS * DDS (pharmaceutical) * DDS(VAN) * DIAMINODIFENILSULFONA (Spanish) * DIAMINO-4,4 DIPHENYL SULFONE * p,p'-DIAMINODIPHENYL SULFONE * 4,4 DIAMINODIPHENYL SULFONE * DIAMINO-4,4 DIPHENYL SULPHONE * p,p DIAMINODIPHENYL SULPHONE * 4,4 DIAMINODIPHENYL SULPHONE * Dlip-AMINOPHENYL) SULFONE * Dlp-AMINOPHENYL)SULFONE * Dlip-AMINOPHENYL)SULPHONE * DIp-4,4AMINOPHENYL)SULPHONE * DIAPHENYLSULFON * DIAPHENYLSULFONE * DIAPHENYLSULPHON * DIAPHENYLSULPHONE * DIPHENASONE * DIPHONE * DISULONE * DSS * DUBRONAX * DUMITONE * EPORAL * 13589 * F 1358 * MALOPRIM * METABOLITE C * NCI-C01718 * NOVOPHONE * NSC 6091 * NSC 6091D * SULFONA * SULFONA-MAE * SULFONE UCB * 1,1'-SULFONYLBIS(4-AMINOBENZENE) * 4,4'-SULFONYBISANILINE * p,p'-SULFONYLBISBENZAMINE * 4,4'-SULFONYLBISBENZAMINE * p,p-SULFONYLBISBENZENAMINE * p,p'-SULFONYLDIANILINE * 4,4'-SULFONYLDIANILINE * SULPHADIONE * SULPHON-MERE * 1,1'-SULPHONYLBIS(4-AMINOBENZENE) * p,p-SULPHONYLBISBENZAMINE * 4,4'-SULPHONYLBISBENZAMINE * p,p-SULPHONYLBISBENZENAMINE * 4,4'-SULPHONYLBISBENZENAMINE * SULPHONYLDIANILINE * p,p-SULPHONYLDIANILINE * 4,4'-SULPHONYLDIANILINE * TARIMYL * UDOLAC * WR 468

MUTATION DATA AND REFERENCES:

cyt-ham:lev 4 mg/L IJLEAG 43,41,75

TUMORIGENIC DATA AND REFERENCES:

3V01K60P60 orl-rat TDLo:20 gm/kg:80W-C NCITR* NCI-CG-TR-20,77

2V02J60 ipr-mus TDLo:525 mg/kg:8W-I CNREA8 33,3069,73

3V01K60P60 orl-rat TD:39 gm/kg:78W-C NCITR* NCI-CG-TR-20,77

3V01P27Q60 orl-rat TD:52 gm/kg:2Y-I IJCNAW 25,123,80

3V01L60N62 orl-rat TD:78450 mg/kg:2Y-C ALEPA8 53,11,73

TOXICITY DATA AND REFERENCES:

2M30Q15 orl-hmn TDLo:18 gm/kg:15Y BMJOAE 1,78,78

3F07J24L12 orl-wmn TDLo:168 mg/kg/14D BJDEAZ 95,79,76

orl-rat LDLo:1000 mg/kg CNREA8 26,619,66

3C08F12F17 ipr-rat LD50:196 mg/kg AIPTAK 183,36,70

" orl-mus LD50:375 mg/kg NIIRDN 6,305,82

" ipr-mus LD50:313 mg/kg NIIRDN 6,305,82

" scu-mus LD50:329 mg/kg NIIRDN 6,305,82

orl-cat LDLo:357 mg/kg ANPSAI 54,319,45

" unk-mam LD50:1400 mg/kg GISAAA 43(9),23,78

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: IJDEBB 14,494,75; JSIRAC 34,521,75

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 24,59,80

★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 24,59,80

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE;RAT (NCITR* NCI-CG-TR-20,77)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE (NCITR* NCI-CG-TR-20,77)

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0480-0338

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY8955000 ANILINE, 4,4'-SULFONYLBIS(4-PHENYLENEOXY)DI-

UPDT:8307 CAS: 13080-89-2 MW: 432.52 MOLFM: C24 H20 N2 O4 S

SYN: ANILINE, 4,4'-(SULFONYLBIS(p-PHENYLENEOXY))DI- * BENZENAMINE, 4,4'-(SULFONYLBIS(4,1-PHENYLENEOXY))BIS- (9CI) * BIS(4-AMINOPHENOXYPHENYL)SULFONE * 4,4'-SULFONYLBIS(4-PHENYLENEOXY)DIANILINE

TOXICITY DATA AND REFERENCES:

" orl-rat LD50:220 mg/kg TXAPA9 28,313,74

" skn-rbt LD50:560 mg/kg TXAPA9 28,313,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY9200000 ANILINE, TETRANITRO-

UPDT:8312 CAS: 53014-37-2 MW: 273.14 MOLFM: C6 H3 N5 O8

SYN: BENZENAMINE, TETRANITRO- (9CI) * TETRANITROANILINE (DOT) * UN 0207 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO-CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

BY9274000 ANILINE, N,2,4,6-TETRANITRO-

UPDT:8406 MW: 273.14 MOLFM: C6 H3 N5 O8

SYN: N,2,4,6-TETRANITROBENZAMINE * 2,4,6-TRINITROPHENYLNITRAMINE (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD FORBIDDEN CFRGBR 49,172.101,82

ANILINE p-THIOCYANATO see: XR7700000

BY9625000 ANILINE, 4,4'-THIODI-

UPDT:8501 CAS: 139-65-1 MW: 216.32 MOLFM: C12 H12 N2 S

SYN: BENZENAMINE, 4,4'-THIOBIS- (9CI) * Bis(p-AMINOPHENYL)SULFIDE * BIS(4-AMINOPHENYL) SULFIDE * BIS(p-AMINOPHENYL)SULPHIDE * BIS(4-AMINOPHENYL)SULPHIDE * p,p'-DIAMINODIPHENYL SULFIDE * 4,4'-DIAMINODIPHENYL SULFIDE * p,p'-DIAMINODIPHENYL SULPHIDE * 4,4-DIAMINODIPHENYL SULPHIDE * Dlip-AMINOPHENYL) SULFIDE * Dlp-AMINOPHENYL)SULPHIDE * NCI-C01707 * SULFIDE BIS(p-AMINOPHENYL) * THIOANINE * 4,4'-THIOANILINE * 4,4'-THIOBIS(ANILINE) * 4,4'-THIOBISBENZENAMINE * p,p'-THIODIANILINE * 4,4'-THIODIANILINE * THIODI-p-PHENYLENEDIAMINE

MUTATION DATA AND REFERENCES:

mma-sat 10 ug/plate MUREAV 67,123,79

mma-sat 10 ug/plate MUREAV 67,123,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:250 mg/kg (1-5D preg) IJEBA6 4,120,66

TUMORIGENIC DATA AND REFERENCES:

2V01I60 orl-rat TDLo:3600 mg/kg:27D-I CNREA8 28,924,68

3V01L60N62 orl-mus TDLo:113 gm/kg:54W-C NCITR* NCI-CG-TR-47,78

3V01L60N62 orl-rat TD:37 gm/kg:70W-C NCITR* NCI-CG-TR-47,78

3V01L60N62 orl-rat TD:74 gm/kg:70W-C NCITR* NCI-CG-TR-47,78

3V01L60N62 orl-mus TD:328 gm/kg:70W-C NCITR* NCI-CG-TR-47,78

3V01J60L60 orl-mus TD:963 gm/kg:77W-I IARC** 27,147,82

3V01J60L60 orl-mus TD:1925 gm/kg:77W-I IARC** 27,147,82

3V01J60N62 orl-rat TD:510 gm/kg:68W-I IARC** 27,147,82

3V01J60N62 orl-rat TD:1020 gm/kg:68W-I IARC** 27,147,82

2V03R60 orl-rat TD:1500 mg/kg:30D-I IARC** 27,147,82

2V03R60 orl-rat TD:2000 mg/kg:30D-I IARC** 27,147,82

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1100 mg/kg MarJV#: 29MAR77

" orl-mus LD50:620 mg/kg 85GMAT -,43,82

" ivn-mus LD50:180 mg/kg CSLNX* NX#01564

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 16,343,78

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 27,147,82

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 27,147,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE;MOUSE, RAT (NCITR* NCI-CG-TR-47,78)

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BY9730000 ANILINE, p-(p-TOLYLAZO)-

UPDT:8401 MW: 211.29 MOLFM: C13 H13 N3

SYN: 4'-METHYL-4-AMINOAZOBENZENE * p-(p-TOLYLAZO)-ANILINE

MUTATION DATA AND REFERENCES:

dni-mus-ipr 20 gm/kg ARGEAR 51,605,81

TUMORIGENIC DATA AND REFERENCES:

2V03L60 orl-rat TDLo:8000 mg/kg CNREA8 5,235,45

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ0250000 ANILINE, 2,4,6-TRICHLORO-

UPDT:8401 CAS: 634-93-5 MW: 196.46 MOLFM: C6 H4 Cl3 N

SYN: BENZENAMINE, 2,4,6-TRICHLORO- (9CI) * sym-TRICHLOROANILINE * 2,4,6-TRICHLOROANILINE * 2,4,6-TRICHLOROBENZENAMINE

TUMORIGENIC DATA AND REFERENCES:

3V01H60L60 orl-mus TDLo:390 gm/kg:78W-C JEPTDQ 2(2),325,78

3V01H60L60 orl-mus TD:780 gm/kg:78W-C JEPTDQ 2(2),325,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION; FINAL RULE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ0300000 ANILINE, p-(2,4,6-TRICHLOROPHENOXY)-

UPDT:8406 CAS: 26306-61-6 MW: 288.56 MOLFM: C12 H6 Cl3 N O

SYN: BENZENAMINE, 4-(2,4,6-TRICHLOROPHENOXY)- (9CI) * 2,4,6-TRICHLORO-4-AMINOBIPHENYL ETHER

MUTATION DATA AND REFERENCES:

mn-a-sat 100 ug/plate CBINA8 44,133,83

BZ0520000 ANILINE, 2,4,5-TRIMETHYL-

UPDT:8412 CAS: 137-17-7 MW: 135.23 MOLFM: C9 H13 N

SYN: 1-AMINO-2,4,5-TRIMETHYLBENZENE * BENZENAMINE, 2,4,5-TRIMETHYL- * p-CUMIDINE * NCI-C02299 * PSEUDOCUMIDINE * 1,2,4-TRIMETHYL-5-AMINOBENZENE * 2,4,5-TRIMETHYLANILIN (Czech) * 2,4,5-TRIMETHYLANILINE * 2,4,5-TRIMETHYLBENZENAMINE

MUTATION DATA AND REFERENCES:

mma-sat 500 nmol/plate MUREAV 77,317,80

dnd-ham:lng 10 mmol/L MUREAV 77,317,80

TUMORIGENIC DATA AND REFERENCES:

3V01J60L60 orl-rat TDLo:7000 mg/kg:101W-C NCITR* NCI-CG-TR-160,79

2V01L60 orl-mus TDLo:17 gm/kg:2Y-C NCITR* NCI-CG-TR-160,79

3V01J60L60 orl-rat TD:28 gm/kg:2Y-C NCITR* NCI-CG-TR-160,79

2V01L60 orl-mus TD:68 gm/kg:2Y-C NCITR* NCI-CG-TR-160,79

2V01L60 orl-mus TD:35350 mg/kg:2Y-C IARC** 27,177,82

2V01L60 orl-mus TD:70700 mg/kg:2Y-C IARC** 27,177,82

3V03J60L60 orl-rat TD:141 gm/kg:2Y-C IARC** 27,177,82

3V01J60L60 orl-rat TD:566 gm/kg:2Y-C IARC** 27,177,82

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1250 mg/kg MarJV#: 29MAR77

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 27,177,82

★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 27,177,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE;MOUSE, RAT (NCITR* NCI-CG-TR-160,79)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ0700000 ANILINE, 2,4,6-TRIMETHYL-

UPDT:8408 CAS: 88-05-1 MW: 135.23 MOLFM: C9 H13 N

SYN: AMINOMESITYLENE * 2-AMINOMESITYLENE * 1-AMINO-2,4,6-TRIMETHYLBENZEN (Czech) * 2-AMINO-1,3,5-TRIMETHYLBENZENE * BENZENAMINE, 2,4,6-TRIMETHYL- (9CI) * MESIDIN (Czech) * MESIDINE * MESITYLAMINE * MESITYLENE, 2-AMINO- * MEZIDINE * 2,4,6-TRIMETHYLANILINE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD 28ZPAK -,66,72

eye-rbt 20 mg/24H SEV 28ZPAK -,66,72

MUTATION DATA AND REFERENCES:

dnd-ham:lng 3 mmol/L/2H MUREAV 77,317,80

TUMORIGENIC DATA AND REFERENCES:

3V03L60N60 orl-rat TDLo:4000 mg/kg:78W-C JNCIAM 58,377,77

2V03L60 orl-rat TD:4200 mg/kg:78W-C AICCA6 20,1364,64

TOXICITY DATA AND REFERENCES:

orl-rat LD50:743 mg/kg MarJV#: 29MAR77

unk-rat LD50:506 mg/kg HYSAAV 34(1-3),13,69

" orl-mus LD50:590 mg/kg 85GMAT -,20,82

" ihl-mus LC50:290 mg/m3:2H 85GMAT -,20,82

unk-mus LD50:372 mg/kg HYSAAV 34(1-3),13,69

unk-rbt LD50:338 mg/kg HYSAAV 34(1-3),13,69

unk-gpg LD50:338 mg/kg HYSAAV 34(1-3),13,69

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 27,177,82

★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 27,177,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ0875000 ANILINE, 2,4,5-TRIMETHYL, HYDROCHLORIDE

UPDT:8401 CAS: 21436-97-5 MW: 171.69 MOLFM: C9 H13 N . Cl H

SYN: 1-AMINO-2,4,5-TRIMETHYLBENZENE HYDROCHLORIDE * BENZENAMINE, 2,4,5-TRIMETHYL-, HYDROCHLORIDE (9CI) * p-CUMIDINE HYDROCHLORIDE * PSEUDOCUMIDINE HYDROCHLORIDE * 1,2,4-TRIMETHYL-5-AMINOBENZENE HYDROCHLORIDE * 2,4,5-TRIMETHYLANILINE HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:

2V02L60 orl-rat TDLo:32 gm/kg:78W-C JEPTDQ 2(2),325,78

3V01J60L60 orl-mus TDLo:65 gm/kg:78W-C JEPTDQ 2(2),325,78

2V03L60 orl-rat TD:65 gm/kg:78W-C JEPTDQ 2(2),325,78

3V01J60L60 orl-mus TD :130 gm/kg/78W-C JEPTDQ 2(2),325,78
3V01J60L60 orl-mus TD :540 gm/kg/77W-C IARC** 27,177,82
3V01J60L60 orl-mus TD :1080 gm/kg/77W-C IARC** 27,177,82
3V03I60R60 orl-rat TD :540 gm/kg/77W-C IARC** 27,177,82
3V03I60R60 orl-rat TD :1080 gm/kg/77W-C IARC** 27,177,82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1585 mg/kg JPETAB 167,223,69
ipr-mus LD50:340 mg/kg NCIBR* NCI-E-68-1311,10,73

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 27,177,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ1050000 ANILINE, 2,4,6-TRIMETHYL, HYDROCHLORIDE
UPDT:8401 CAS: 6334-11-8 MW: 171.69 MOLFM: C9-H13-N Cl-H
SYN: AMINOMESITYLENE HYDROCHLORIDE * 2-AMINOMESITYLENE HYDROCHLORIDE * 2-AMINO-1,3,5-TRIMETHYLBENZENE HYDROCHLORIDE * BENZENAMINE, 2,4,6-TRIMETHYL-, HYDROCHLORIDE (9CI) * MESIDIN HYDROCHLORIDE * MESIDINE HYDROCHLORIDE * MESITYLAMINE HYDROCHLORIDE * 2,4,6-TRIMETHYLANILINE HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-rat TDLo:9500 mg/kg/78W-C JEPTDQ 2(2),325,78
3V01H60L60 orl-mus TDLo:22 gm/kg/78W-C JEPTDQ 2(2),325,78
3V02J60L60 orl-rat TD :4700 mg/kg/78W-C JEPTDQ 2(2),325,78
2V01L60 orl-mus TD :43 gm/kg/78W-C JEPTDQ 2(2),325,78
3V01H60L60 orl-mus TD :180 gm/kg/77W-C IARC** 27,177,82
3V01H60L60 orl-mus TD :360 gm/kg/77W-C IARC** 27,177,82
3V01J60L60 orl-rat TD :79 gm/kg/77W-C IARC** 27,177,82
3V01J60L60 orl-rat TD :158 gm/kg/77W-C IARC** 27,177,82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:660 mg/kg JPETAB 167,223,69
ipr-rat LD50:338 mg/kg NCIBR* NCI-E-68-1311,10,73
ipr-mus LD50:260 mg/kg NCIBR* NCI-E-68-1311,10,73

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 27,177,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ1060000 ANILINE, TRINITRO-
UPDT:8312 CAS: 26952-42-1 MW: 228.14 MOLFM: C6-H4-N4-O6
SYN: BENZENAMINE, TRINITRO- (9CI) * TRINITROANILINE * TRINITRO-ANILINE (DOT) * UN 0153 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO-CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

ANILINE VIOLET see: BO9000000
ANILINE VIOLET PYOKTANINE see: BO9000000
ANILINE YELLOW see: BY8225000
ANILINIUM CHLORIDE see: CY0875000
p-ANILINOANILINE see: ST3150000
ANILINOBENZENE see: JJ7800000
1-(p-ANILINOBENZYL)-4-METHYL-PIPERAZINE see: TK8160000
4-(p-ANILINOBENZYL)-MORPHOLINE see: QD7880000
1-(p-ANILINOBENZYL)PIPERIDINE see: TM4291000
1-(p-ANILINOBENZYL)PYRROLIDINE see: UX9706000
2-ANILINO-3-CHLORO-1,4-NAPHTHOQUINONE see: QL7351000
4-ANILINODICHLOROARSINE, HYDROCHLORIDE see: BX2700000
2-ANILINO-N,N-DIMETHYLACETAMIDE see: AB4426600
ANILINOETHANE see: BX9780000
2-ANILINOETHANOL see: KJ7175000
1-((2-ANILINOETHYL)AMINO)-3-(p-NITROPHENOXY)-2-PROPANOL HYDROCHLORIDE see: UA7250250
1-((2-ANILINOETHYL)AMINO)-3-PHENOXY-2-PROPANOL DIHYDROCHLORIDE see: UA7250300
2-ANILINOETHYL METHACRYLATE see: OZ3400000 METHACRYLIC ACID, 2-ANILINOETHYL ESTER
1-(2-ANILINOETHYL)-4-PHENYLISONIPECOTIC ACID ETHYL ESTER ETHANESULFONATE see: NS5265000
1-ANILINO-3-((5-((3-INDOLYLMETHYL)AMINO)-2-THIADIAZOLYL)THIO)-2-PROPANOL see: UA7250350
ANILINOMETHANE see: BY4550000
3-ANILINO-N-METHYL-5-(METHYLAMINO)-as-TRIAZINE-6-CARBOXAMIDE see: XY5046000
ANILINONAPHTHALENE see: QM4550000
1-ANILINONAPHTHALENE see: QM4500000
2-ANILINONAPHTHALENE see: QM4550000
2-ANILINONICOTINIC ACID AMIDRAZONE see: US4675390
2-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)-4-CHLOROPHENOL see: SJ6953000
2-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)-6-METHOXYPHENOL see: SJ6954000
o-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)-3-NITROPHENOL see: SJ6955000
o-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)PHENOL see: SJ6952000
(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)PHENOL see: SJ6951000
p-ANILINOPHENOL see: SJ6950000
4-ANILINOPHENOL see: SJ6950000
4-((4-ANILINO-5-SULFO-1-NAPHTHYL)AZO)-5-HYDROXY-2,7-NAPHTHALENEDISULFONIC ACID TRISODIUM see: QJ6300000
ANILINRHODANIL (German) see: XK7700000
ANILIX see: KJ7780000
ANIMAG see: OM3850000
ANIMAL GALACTOSE FACTOR see: PM3180000
ANIMAL OIL see: ED0780000
ANIMERT see: WQ3850000
ANIMERT V-10 see: WQ3850000
ANIMERT V-101 see: WQ3850000
ANIMERT V-10X see: WQ3850000
2-AMINOISOBUTYRIC ACID see: AY7000000
A-NINOPTERIN see: MA1050000
ANIPHOR see: SC4900000
ANIPRIME see: TU3832000
ANISALACETONE see: UC2990000

BZ2610000 o-ANISALDEHYDE
UPDT:8305 CAS: 135-02-4 MW: 136.16 MOLFM: C8-H8-O2
SYN: 2-ANISALDEHYDE * BENZALDEHYDE, 2-METHOXY- (9CI) * o-METHOXYBENZALDEHYDE * 2-METHOXYBENZALDEHYDE * 6-METHOXYBENZALDEHYDE * 2-METHOXYBENZENECARBOXALDEHYDE * SALICYLALDEHYDE METHYL ETHER

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg 24H MOD FCTXAV 17,855,79

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2500 mg/kg FCTXAV 17,855,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-ANISALDEHYDE see: BZ2610000

BZ2625000 p-ANISALDEHYDE
UPDT:8305 CAS: 123-11-5 MW: 136.16 MOLFM: C8-H8-O2
SYN: ANISIC ALDEHYDE * AUBEPINE * CRATEDINE * p-METHOXYBENZALDEHYDE * 4-METHOXYBENZALDEHYDE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg 24H MOD FCTXAV 12,823,74

MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate BECTA6 24,590,80

TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:1510 mg/kg FCTXAV 2,327,64
1F07 orl-gpg LD50:1260 mg/kg FCTXAV 2,327,64

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

m-ANISALDEHYDE, 2-HYDROXY- (8CI) see: CU6530000
m-ANISALDEHYDE, 4-HYDROXY- see: YW5775000
p-ANISALDEHYDE, 3-HYDROXY- (8CI) see: CU6540000

BZ3320000 o-ANISAMIDE, 4-AMINO-5-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-, DIHYDROCHLORIDE, MONOHYDRATE
UPDT:8305 MW: 390.78 MOLFM: C14-H22-Cl-N3-O2 · 2Cl-H · H2-O
SYN: 4-AMINO-5-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-o-ANISAMIDE DIHYDROCHLORIDE MONOHYDRATE * 2-METHOXY-4-AMINO-5-CHLORO-N-beta-DIETHYLAMINOETHYLBENZAMIDE DIHYDROCHLORIDE MONOHYDRATE * METOCLOPRAMIDE DIHYDROCHLORIDE MONOHYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T12T13T15 orl-rat TDLo:2100 mg/kg (30D pre) YACHDS 8,3991,80
2T02T04 orl-rat TDLo:2100 mg/kg (30D male) YACHDS 8,3991,80

TOXICITY DATA AND REFERENCES:
3F11F12F19 orl-rat LD50:647 mg/kg YACHDS 8,3991,80
3F11F12F19 ivn-rat LD50:42100 ug/kg YACHDS 8,3991,80
3F11F12F19 orl-mus LD50:335 mg/kg YACHDS 8,3991,80
3F11F12F19 ivn-mus LD50:37500 ug/kg YACHDS 8,3991,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ3390000 o-ANISAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-(ETHYLSULFONYL)-
UPDT:8303 CAS: 53583-79-2 MW: 354.51 MOLFM: C17-H26-N2-O4-S
SYN: BARNETIL * BENZAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-(ETHYLSULFONYL)-2-METHOXY- * N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-(ETHYLSULFONYL)-o-ANISAMIDE * LIN-1418 * SULTOPRIDE

TOXICITY DATA AND REFERENCES:
1F21 ipr-mus LD50:300 mg/kg EJMCA5 17,437,82

BZ3400000 o-ANISAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-
UPDT:8408 CAS: 15676-16-1 MW: 341.47 MOLFM: C15-H23-N3-O4-S
SYN: ABILIT * AIGLONYL * 5-(AMINOSULFONYL)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-2-METHOXYBENZAMIDE * BENZAMIDE, 5-(AMINOSULFONYL)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL-2-METHOXY- (9CI) * COOLSPAN * DORREN * DOGMATIL * DOGMATYL * EGLONYL * N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-2-METHOXY-5-SULFAMOYLBENZAMIDE * N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-o-ANISAMIDE * GUASTIL * MIRADOL * MIRBANIL * MISIELVAN * OMPERAN * PYRAPPIL * R-D 1403 * SERNEVIN * SPLOTIN * SULPIRID * SULPIRIDE * SULPYRID * SURSUMID * TRILAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T13 orl-rat TDLo:4550 mg/kg (91D pre) OYYAA2 25,803,83
1T02 orl-rat TDLo:11375 mg/kg (91D male) OYYAA2 25,803,83
1T03 orl-rat TDLo:45500 mg/kg (91D male) OYYAA2 25,803,83
2T13T15 scu-rat TDLo:3 gm/kg (30D pre) OYYAA2 7,1379,73
1T02 orl-dog TDLo:18200 mg/kg (26W male) OYYAA2 7,1371,73
1T03 orl-dog TDLo:9100 mg/kg (26W male) OYYAA2 7,1371,73
1T13 orl-dog TDLo:45500 mg/kg (91D pre) OYYAA2 7,1371,73
1T12 scu-dog TDLo:4550 mg/kg (26W pre) OYYAA2 7,1371,73

TOXICITY DATA AND REFERENCES:
" orl-rat LD50:9800 mg/kg MEIEDD 10,1292,83
" ipr-rat LD50:210 mg/kg NIIRDN 6,384,82
" scu-rat LD50:360 mg/kg NIIRDN 6,384,82
" ivn-rat LD50:40 mg/kg IYKEDH 4,193,73
" orl-mus LD50:1700 mg/kg NIIRDN 6,384,82
" ipr-mus LD50:170 mg/kg NIIRDN 6,384,82
" scu-mus LD50:290 mg/kg NIIRDN 6,384,82
" ivn-mus LD50:48 mg/kg IYKEDH 4,193,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ3400100 o-ANISAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-, (S)-(-)-
UPDT:8303 MW: 307.39 MOLFM: C15-H21-N3-O4
SYN: (S)-(-)-N-(1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-o-ANISAMIDE * S-(-)-SULPIRIDE

TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:170 mg/kg EJMCA5 17,437,82

ANISE ALCOHOL see: DO8925000
ANISE CAMPHOR see: BZ8925000
ANISEED OIL see: BZ4200000
ANISENE see: KV0600000

BZ4200000 ANISE OIL
UPDT:8305 CAS: 8007-70-3
SYN: ANISEED OIL * ANIS OEL (German) * OIL OF ANISE * OILS, ANISE * STAR ANISE OIL

MUTATION DATA AND REFERENCES:
unma-sat 500 ug/plate JAFCAU 30,563,82
bfa-rat/sat 2500 mg/kg NUCADQ 1,10,79

TOXICITY DATA AND REFERENCES:
" orl-rat LD50:2250 mg/kg FCTXAV 11,865,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BZ4375000 m-ANISIC ACID
UPDT:8404 CAS: 586-38-9 MW: 152.16 MOLFM: C8-H8-O3
SYN: BENZOIC ACID, 3-METHOXY- (9CI) * m-METHOXYBENZOIC ACID * 3-METHOXYBENZOIC ACID

TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:250 mg/kg CBCCT* 6,144,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

o-ANISIC ACID see: VO4725000

BZ4540000 o-ANISIC ACID, 2-(CYCLOHEXYLAMINO)PROPYL ESTER, HYDROCHLORIDE
UPDT:8410 CAS: 28073-36-1 MW: 327.89 MOLFM: C17-H25-N-O3 · Cl-H

TOXICITY DATA AND REFERENCES:
" ivn-mus LD50:40 mg/kg OYYAA2 5,683,71

o-ANISIC ACID, 3,6-DICHLORO- see: DG7525000

BZ4650000 p-ANISIC ACID, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8410 CAS: 2350-29-0 MW: 287.82 MOLFM: C14-H21-N-O3 · Cl-H

TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:575 mg/kg JPPMAB 6,119,54

BZ4660000 p-ANISIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8412 MW: 259.76 MOLFM: C12-H17-N-O3 · Cl-H

TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:475 mg/kg JPPMAB 6,119,54

BZ4697000 p-ANISIC ACID, ETHYL ESTER
UPDT:8305 CAS: 94-30-4 MW: 164.22 MOLFM: C10-H12-O3
SYN: BENZOIC ACID, p-METHOXY-, ETHYL ESTER * BENZOIC ACID, 4-METHOXY-, ETHYL ESTER (9CI) * ETHYL ANISATE * ETHYL p-ANISATE * ETHYL p-METHOXYBENZOATE * ETHYL 4-METHOXYBENZOATE

TOXICITY DATA AND REFERENCES:
" orl-rat LD50:2040 mg/kg FCTXAV 14,757,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

BZ4697500 p-ANISIC ACID, ESTER with 3-HYDROXY-1-METHYL-3-PIPERIDYL PHENYL KETONE, MONOHYDROCHLORIDE, (+-)-, HYDRATE
UPDT:8311 CAS: 33422-54-7 MW: 407.93 MOLFM: C21-H23-N-O4-Cl-H-2-O
SYN: (+-)-1-METHYL-3-BENZOYL-3-(p-METHOXYBENZOYLOXY)PIPERIDINE HYDROCHLORIDE HYDRATE
TOXICITY DATA AND REFERENCES:
IF29 scu-mus LD50:165 mg/kg JPMSAE 60,685,71
ANISIC ACID HYDRAZIDE see: BZ4800000
BZ4700000 o-ANISIC ACID, HYDRAZIDE
UPDT:8401 CAS: 7466-54-8 MW: 166.20 MOLFM: C8-H10-N2-O2
SYN: BENZOIC ACID, o-METHOXY-, HYDRAZIDE * BENZOIC ACID, 2-METHOXY-, HYDRAZIDE (9CI) * HYDRAZINE, 2-METHOXYBENZOYL- * o-METHOXYBENZOHYDRAZIDE * o-METHOXYBENZOIC ACID HYDRAZIDE * 2-METHOXYBENZOIC ACID HYDRAZIDE * o-METHOXYBENZOYLHYDRAZIDE * 2-METHOXYBENZOYL HYDRAZIDE * 2-METHOXYBENZOYLHYDRAZINE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 orl-mus TDLo:6000 mg/kg/22W-I 34ZRA9 -,869,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BZ4800000 p-ANISIC ACID, HYDRAZIDE
UPDT:8401 CAS: 3290-99-1 MW: 166.20 MOLFM: C8-H10-N2-O2
SYN: ANISIC ACID HYDRAZIDE * ANISIC HYDRAZIDE * ANISOYLHYDRAZINE * p-ANISOYLHYDRAZINE * BENZOIC ACID, p-METHOXY-, HYDRAZIDE * HYDRAZINE, 4-METHOXYBENZOYL- * p-METHOXYBENZOIC ACID HYDRAZIDE * 4-METHOXYBENZOIC ACID HYDRAZIDE * p-METHOXYBENZOIC HYDRAZIDE * 4-METHOXYBENZOYL HYDRAZIDE * (p-METHOXYBENZOYL)HYDRAZINE * 4-METHOXYBENZOYLHYDRAZINE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 orl-mus TDLo:12 gm/kg/22W-I 34ZRA9 -,869,65
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:178 mg/kg CSLNX* NX#00894
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BZ4870000 m-ANISIC ACID, 6-HYDROXY-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 303.82 MOLFM: C14-H21-N-O4-Cl-H
SYN: 2-DIETHYLAMINOETHYL 5-METHOXYSALICYLATE HYDROCHLORIDE * SALICYLIC ACID, 5-METHOXY-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:32200 ug/kg JAPMA8 42,254,53
BZ4871000 m-ANISIC ACID, 6-HYDROXY-, 3-DIETHYLAMINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 317.85 MOLFM: C15-H23-N-O4-Cl-H
SYN: 3-DIETHYLAMINOPROPYL 5-METHOXYSALICYLATE HYDROCHLORIDE * SALICYLIC ACID, 5-METHOXY-, 3-DIETHYLAMINOPROPYL ESTER, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:22 mg/kg JAPMA8 42,254,53
BZ4925000 p-ANISIC ACID, METHYL ESTER
UPDT:8305 CAS: 121-98-2 MW: 166.19 MOLFM: C9-H10-O3
SYN: BENZOIC ACID, p-METHOXY-, METHYL ESTER * METHYL p-ANISATE * METHYL p-METHOXYBENZOATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,481,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BZ5075000 o-ANISIC ACID, 3,5,6-TRICHLORO-
UPDT:8309 CAS: 2307-49-5 MW: 255.48 MOLFM: C8-H5-Cl3-O3
SYN: BANVEL T * BENZOIC ACID, 2-METHOXY-3,5,6-TRICHLORO- * BENZOIC ACID, 2,3,5-TRICHLORO-6-METHOXY- (9CI) * 2-METHOXY-3,5,6-TRICHLOROBENZOIC ACID * METRIBEN * TRICAMBA * 3,5,6-TRICHLORO-o-ANISIC ACID * 3,5,6-TRICHLORO-2-METHOXYBENZOIC ACID * VELSICOL * VELSICOL C * VELSICOL COMPOUND C * VELSICOL 58-CS-25
TOXICITY DATA AND REFERENCES:
orl-rat LD50:300 mg/kg WRPCA2 4,36,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANISIC ALCOHOL see: DO8925000
ANISIC ALDEHYDE see: BZ2625000
ANISIC HYDRAZIDE see: BZ4800000
ANISIC KETONE see: UC2990000
BZ5410000 o-ANISIDINE
UPDT:8409 CAS: 90-04-0 MW: 123.17 MOLFM: C7-H9-N-O
SYN: o-AMINOANISOLE * 2-AMINOANISOLE * 1-AMINO-2-METHOXYBENZENE * 2-ANISIDINE * o-ANISIDINE (DOT) * o-ANISYLAMINE * BENZENAMINE, 2-METHOXY- (9CI) * 2-METHOXY-1-AMINOBENZENE * o-METHOXYANILINE * 2-METHOXYANILINE * 2-METHOXYBENZENAMINE * o-METHOXYPHENYLAMINE * UN 2431 (DOT)
MUTATION DATA AND REFERENCES:
mma-sat 333 ug/plate IARC** 27,63,82
dni-mus-orl 200 mg/kg MUREAV 46,305,77
TOXICITY DATA AND REFERENCES:
3M30P05P30 orl-rat LD50:2000 mg/kg IARC** 27,63,82
3M30P05P30 orl-mus LD50:1400 mg/kg IARC** 27,63,82
3M30P05P30 orl-rbt LD50:870 mg/kg IARC** 27,63,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 27,63,82
★ TLV-TWA 100 ppb (skin) DTLVS* 4,19,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (skin) (SCP-L) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172,102,83
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S163#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5013
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
BZ5450000 p-ANISIDINE
UPDT:8408 CAS: 104-94-9 MW: 123.17 MOLFM: C7-H9-N-O
SYN: p-AMINOANISOLE * 4-AMINOANISOLE * 1-AMINO-4-METHOXYBENZENE * ANILINE, p-METHOXY- * 4-ANISIDINE * ANISOLE, p-AMINO- * p-ANISYLAMINE * BENZENAMINE, 4-METHOXY- (9CI) * 4-METHOXY-1-AMINOBENZENE * p-METHOXYANILINE * 4-METHOXYANILINE * 4-METHOXYBENZENAMINE * 4-METHOXYBENZENEAMINE * p-METHOXYPHENYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate ENVIDM 5(Suppl 1),3,83
dni-mus-orl 200 mg/kg MUREAV 46,305,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1400 mg/kg AGGHAR 15,447,57
skn-rat LD50:3200 mg/kg AGGHAR 15,447,57
ipr-rat LD50:1400 mg/kg AGGHAR 15,447,57
3M30P05P30 orl-mus LD50:810 mg/kg IARC** 27,63,82
ipr-mus LD50:806 mg/kg JMCMAR 17,900,74
3M30P05P30 orl-rbt LD50:2900 mg/kg IARC** 27,63,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 27,63,82
★ TLV-TWA 100 ppb (skin) DTLVS* 4,19,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (skin) (SCP-L) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S163#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
2-ANISIDINE see: BZ5410000
4-ANISIDINE see: BZ5450000
BZ5775000 m-ANISIDINE ANTIMONYL TARTRATE
UPDT:7901 CAS: 64090-82-0
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:28 mg(Sb)/kg AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**
BZ5950000 o-ANISIDINE ANTIMONYL TARTRATE
UPDT:7901 CAS: 64070-14-0
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:29 mg(Sb)/kg AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**
BZ6125000 p-ANISIDINE ANTIMONYL TARTRATE
UPDT:7901 CAS: 64070-15-1
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:28 mg(Sb)/kg AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**
BZ6255000 o-ANISIDINE, 4-CHLORO-
UPDT:8401 CAS: 93-50-5 MW: 157.61 MOLFM: C7-H8-Cl-N-O
SYN: p-CHLORO-o-ANISIDINE (DOT) * UN 2233 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172,102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
m-ANISIDINE, 6-((2-CHLORO-4-NITROPHENYL)AZO)-4-METHYL- (BCI) see: BZ6900000
BZ6400000 o-ANISIDINE, N,N-DIMETHYL-4-PHENYLAZO-
UPDT:8401 CAS: 2438-49-5 MW: 255.35 MOLFM: C15-H17-N3-O
SYN: N,N-DIMETHYL-4-PHENYLAZO-o-ANISIDINE * 3-METHOXY-4-DIMETHYLAMINOAZOBENZENE
TUMORIGENIC DATA AND REFERENCES:
3V03D45R60 orl-rat TDLo:9800 mg/kg/34W-C CNREA8 21,1068,61
3V03D45R60 skn-rat TDLo:640 mg/kg/40W-I CNREA8 25,1784,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
o-ANISIDINE (DOT) see: BZ5410000
BZ6500000 o-ANISIDINE, HYDROCHLORIDE
UPDT:8401 CAS: 134-29-2 MW: 159.63 MOLFM: C7-H9-N-O-Cl-H
SYN: o-AMINOANISOLE HYDROCHLORIDE * 2-AMINOANISOLE HYDROCHLORIDE * 2-ANISIDINE HYDROCHLORIDE * o-ANISYLAMINE HYDROCHLORIDE * BENZENAMINE, 2-METHOXY-, HYDROCHLORIDE (9CI) * C.I. 37115 * FAST RED BB BASE * 2-METHOXY-1-AMINOBENZENE HYDROCHLORIDE * o-METHOXYANILINE HYDROCHLORIDE * 2-METHOXYANILINE HYDROCHLORIDE * 2-METHOXYBENZENEAMINE HYDROCHLORIDE * o-METHOXYPHENYLAMINE HYDROCHLORIDE * NCI-C03747
MUTATION DATA AND REFERENCES:
mma-sat 333 ug/plate IAPUDO 27,283,80
otr-rat-emb 195 ug/plate JJATDK 1,190,81
TUMORIGENIC DATA AND REFERENCES:
3V01M60M61 orl-rat TDLo:180 gm/kg/2Y-C NCITR* NCI-CG-TR-89,78
2V01M60 orl-mus TDLo:721 gm/kg/2Y-C NCITR* NCI-CG-TR-89,78
3V01M60M61 orl-rat TD:360 gm/kg/78W-C NCITR* NCI-CG-TR-89,78
2V03M50 orl-mus TD:216 gm/kg/78W-C NCITR* NCI-CG-TR-89,78
3V02M60U01 orl-mus TD:1803 gm/kg/1Y-C IARC** 27,63,82
3V01M60U01 orl-mus TD:3605 gm/kg/1Y-C IARC** 27,63,82
3V01M60U01 orl-rat TD:2905 gm/kg/83W-C IARC** 27,63,82
3V01M60U01 orl-rat TD:5810 gm/kg/83W-C IARC** 27,63,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 27,63,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED:RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-89,78)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BZ6600000 p-ANISIDINE, HYDROCHLORIDE
UPDT:8412 CAS: 20265-97-8 MW: 159.63 MOLFM: C7-H9-N-O-Cl-H
SYN: p-AMINOANISOLE HYDROCHLORIDE * 4-AMINOANISOLE HYDROCHLORIDE * 1-AMINO-4-METHOXYBENZENE HYDROCHLORIDE * 4-ANISIDINE HYDROCHLORIDE * p-ANISIDINE MONOHYDROCHLORIDE * p-ANISYLAMINE HYDROCHLORIDE * BENZENAMINE, 4-METHOXY-, HYDROCHLORIDE (9CI) * 4-METHOXY-1-AMINOBENZENE HYDROCHLORIDE * p-METHOXYANILINE HYDROCHLORIDE * 4-METHOXYANILINE HYDROCHLORIDE * 4-METHOXYBENZENEAMINE HYDROCHLORIDE * p-METHOXYPHENYLAMINE HYDROCHLORIDE * NCI-C03756
TUMORIGENIC DATA AND REFERENCES:
3V01M60N60 orl-rat TDLo:2163 gm/kg/1Y-C IARC** 27,63,82
2V03N60 orl-rat TD:116 gm/kg/92W-C NCITR* NCI-CG-TR-116,78
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 27,63,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED:RESULTS INDEFINITE:RAT (NCITR* NCI-CG-TR-116,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED:RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-116,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2-ANISIDINE HYDROCHLORIDE see: BZ6500000
4-ANISIDINE HYDROCHLORIDE see: BZ6600000
BZ6650000 o-ANISIDINE, 4-((p-METHOXYPHENYL)AZO)-
UPDT:8401 CAS: 17210-48-9 MW: 257.30 MOLFM: C15-H15-N3-O2
SYN: 3,4'-DIMETHOXY-4-AMINOAZOBENZENE * 4-((p-METHOXYPHENYL)AZO)-o-ANISIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-rat TDLo:10 gm/kg/24W-C GANNA2 59,131,68
TOXICITY DATA AND REFERENCES:
?P24Y3o orl-mcn TDLo:6 gm/2Y-I IARC** 27,39,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 27,39,82

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 27,39,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ6720000 o-ANISIDINE, 5-METHYL-
UPDT:8412 CAS: 120-71-8 MW: 137.20 MOLFM: C8-H11-N-O
SYN: m-AMINO-p-CRESOL METHYL ESTER * 3-AMINO-p-CRESOL METHYL ETHER * 1-AMINO-2-METHOXY-5-METHYLBENZENE * 3-AMINO-4-METHOXYTOLUENE * 2-AMINO-4-METHYLANISOLE * AZOIC RED 36 * BENZENAMINE, 2-METHOXY-5-METHYL- (9CI) * C.I. AZOIC RED 83 * CRESIDINE * p-CRESIDINE * KRESIDIN * KREZIDINE * 2-METHOXY-5-METHYLANILINE * 2-METHOXY-5-METHYLBENZENAMINE * 4-METHOXY-m-TOLUIDINE * 4-METHYL-2-AMINOANISOLE * 5-METHYL-o-ANISIDINE * NCI-C02982
MUTATION DATA AND REFERENCES:
otr-rat:emb 31 ug/plate JJATDK 1,190,81
TUMORIGENIC DATA AND REFERENCES:
3V01A60M60 orl-rat TDLo:364 gm/kg/2Y-C NCITR* NCI-CG-TR-142,79
3V01L60M60 orl-mus TDLo:355 gm/kg/92W-C NCITR* NCI-CG-TR-142,79
3V02A60M60 orl-rat TD :182 gm/kg/2Y-C NCITR* NCI-CG-TR-142,79
3V01L60M60 orl-rat TD :3640 gm/kg/2Y-C IARC** 27,91,82
3V01L60M60 orl-mus TD :1607 gm/kg/2Y-C IARC** 27,91,82
3V01L60M60 orl-rat TD :7280 gm/kg/2Y-C IARC** 27,91,82
3V01L60M60 orl-mus TD :2961 gm/kg/92W-C IARC** 27,91,82
2V01D09 orl-rat TD :364 gm/kg/2Y-C ANTRD4 1,279,81
2V01D09 orl-rat TD :437 gm/kg/2Y-C ANTRD4 1,279,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1450 mg/kg HURC** -,-,72
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 27,91,82
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 27,91,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-142,79)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0878-0236
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ6730000 p-ANISIDINE, 2-METHYL-
UPDT:8412 CAS: 102-50-1 MW: 137.20 MOLFM: C8-H11-N-O
SYN: BENZENAMINE, 4-METHOXY-2-METHYL- * m-CRESIDINE * 4-METHOXY-2-METHYLANILINE * 4-METHOXY-2-METHYLBENZENAMINE * 2-METHYL-p-ANISIDINE * 2-METHYL-4-METHOXYANILINE * NCI-C02993
MUTATION DATA AND REFERENCES:
otr-rat:emb 51500 ng/plate JJATDK 1,190,81
TUMORIGENIC DATA AND REFERENCES:
2V01M60 orl-rat TDLo:62 gm/kg/77W-I NCITR* NCI-CG-TR-105,78
3V01L60U01 orl-mus TDLo:29800 mg/kg/53W-I IARC** 27,91,82
2V03M60 orl-rat TD :31 gm/kg/77W-I NCITR* NCI-CG-TR-105,78
2V03L60 orl-mus TD :29 mg/kg/53W-I NCITR* NCI-CG-TR-105,78
2V03L60 orl-mus TD :14900 mg/kg/53W-I IARC** 27,91,82
2V03M60 orl-rat TD :30800 mg/kg/77W-I IARC** 27,91,82
2V01M60 orl-rat TD :61600 mg/kg/77W-I IARC** 27,91,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 27,91,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 27,91,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-105,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE (NCITR* NCI-CG-TR-105,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ6900000 m-ANISIDINE, 4-METHYL-6-(((2-CHLORO-4-NITRO)PHENYL)AZO)-
UPDT:8403 CAS: 4274-06-0 MW: 320.76 MOLFM: C14-H12-Cl-N4-O3
SYN: m-ANISIDINE, 6-((2-CHLORO-4-NITROPHENYL)AZO)-4-METHYL- (8CI) * AZO DYE No. 6945 * BENZENAMINE, 2-((2-CHLORO-4-NITROPHENYL)AZO)-5-METHOXY-4-METHYL- (9CI) * BROWN SALT NV * 2-CHLORO-4-NITROBENZENEAZO-2'-AMINO-4'-METHOXY-5'-METHYLBENZENE * C.I. 37120 * C.I. AZOIC DIAZO COMPONENT 21 * FAST BROWN SALT RR * FAST BROWN SALT V * FAST BROWN SALT VA * FAST BROWN VA SALT * FAST BROWN V SALT * 4-METHYL-6-((2-CHLORO-4-NITRO)PHENYL)AZO)-m-ANISIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:49 gm/kg/119W-C ZEKBAI 57,530,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ7000000 o-ANISIDINE, N-METHYL-4-(PHENYLAZO)-
UPDT:8401 CAS: 10121-94-5 MW: 241.32 MOLFM: C14-H15-N3-O
SYN: 3-METHOXY-4-MONOMETHYLAMINOAZOBENZENE * N-METHYL-4-(PHENYLAZO)-o-ANISIDINE * 3-METHOXYMETHYLAMINOAZOBENZENE
TUMORIGENIC DATA AND REFERENCES:
3V03D45R60 orl-rat TDLo:9300 mg/kg/34W-C CNREA8 21,1068,61
2V02R60 skn-rat TDLo:660 mg/kg/41W-I CNREA8 26,2406,66
3V03D45L60 orl-rat TD :13 gm/kg/47W-I CNREA8 24,1279,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
p-ANISIDINE MONOHYDROCHLORIDE see: BZ6600000
o-ANISIDINE NITRATE see: BZ7175000

BZ7175000 o-ANISIDINE, 5-NITRO-
UPDT:8412 CAS: 99-59-2 MW: 168.17 MOLFM: C7-H8-N2-O3
SYN: 2-AMINO-1-METHOXY-4-NITROBENZENE * 3-AMINO-4-METHOXYNITROBENZENE * 2-AMINO-4-NITROANISOLE * o-ANISIDINE NITRATE * AZOAMINE SCARLET * AZOAMINE SCARLET K * AZOGENE ECARLATE B * AZOIC DIAZO COMPONENT 13, BASE * BENZENAMINE, 2-METHOXY-5-NITRO- (9CI) * C.I. AZOIC DIAZO COMPONENT 13 * C.I. 37130 * FAST SCARLET R * 2-METHOXY-5-NITROANILINE * NCI-C01934 * 2-METHOXY-5-NITROBENZENAMINE * 5-NITRO-o-ANISIDINE * 3-NITRO-6-METHOXYANILINE * 5-NITRO-2-METHOXYANILINE
MUTATION DATA AND REFERENCES:
mma-sat 10 umol/plate MUREAV 58,11,78
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:109 gm/kg/78W-C NCITR* NCI-CG-TR-127,78
2V01L60 orl-mus TDLo:413 gm/kg/78W-C NCITR* NCI-CG-TR-127,78
2V03L60 orl-mus TD :524 gm/kg/78W-C NCITR* NCI-CG-TR-127,78
3V01D45R60 orl-rat TD :218 gm/kg/78W-C NCITR* NCI-CG-TR-127,78
2V01L60 orl-mus TD :4368 gm/kg/78W-C IARC** 27,133,82
2V01L60 orl-mus TD :3444 gm/kg/78W-C IARC** 27,133,82
3V01N60R60 orl-rat TD :2184 gm/kg/78W-C IARC** 27,133,82
3V01N60R60 orl-rat TD :4368 gm/kg/78W-C IARC** 27,133,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:704 mg/kg NCIMR* NIH-71-E 2144
orl-mus LD50:1060 mg/kg GTPZAB 25(8),50,81
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 27,133,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 27,133,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-127,78)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ7350000 o-ANISIDINE, 4-(PHENYLAZO)-
UPDT:8401 CAS: 3544-23-8 MW: 227.29 MOLFM: C13-H13-N3-O
SYN: 3-METHOXY-4-AMINOAZOBENZENE * 4-(PHENYLAZO)-o-ANISIDINE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate JJIND8 62,893,79
mma-sat 100 nmol/plate CALEDQ 1,91,75
dnr-esc 25 mg/L JJIND8 62,873,79
mrc-smc 5 pph JJIND8 62,901,79
dns-rat:lvr 1 umol/L GANNA2 72,930,81
cyt-rat-orl 736 mg/kg JNCIAM 54,1245,75
dns-mus:lvr 1 umol/L GANNA2 72,930,81
otr-ham:emb 25 mg/L NCIMAV 58,243,81
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:7950 mg/kg/34W-C CNREA8 21,1068,61
2V02R60 skn-rat TD :1490 mg/kg/93W-I CNREA8 26,2406,66
2V02V10 orl-mus TDLo:40 gm/kg/56W-C GANNA2 73,136,82
3V03D45L60 orl-rat TD :18 gm/kg/66W-I CNREA8 24,1279,64
3V01J60L60 orl-rat TD :19 gm/kg/49W-C GANNA2 59,131,68
3V03J60L60 orl-rat TD :8 gm/kg/22W-C GANNA2 59,131,68
2V03V10 orl-mus TD :30 gm/kg/56W-C GANNA2 73,136,82
2V02L60 orl-mus TD :40320 mg/kg/56W-I GANNA2 73,136,82
2V03L60 orl-mus TD :30400 mg/kg/56W-I GANNA2 73,136,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
o-ANISIDINOACETONITRILE see: AL7833000
2-o-ANISIDINOETHANOL see: KJ7360000
1-(o-ANISIDINO)-3-((5-((2-INDOLYLMETHYL)AMINO)-2-THIADIAZOLYL)THIO)-2-PROPANOL see: UA7230600
1-o-ANISIDINO-2-PROPANONE see: UC0425000
ANISINDIONE see: NK5775300
ANISIN (INDANDIONE see: NK5775300
ANISKETONE see: UC2990000
ANIS. OEL (German) see: BZ4200000
p-ANISOL ALCOHOL see: DO8925000

BZ8050000 ANISOLE
UPDT:8312 CAS: 100-66-3 MW: 108.15 MOLFM: C7-H8-O
SYN: ANISOLE (DOT) * BENZENE, METHOXY * ETHER, METHYL PHENYL * METHOXYBENZENE * METHYL PHENYL ETHER * PHENYL METHYL ETHER * UN 2222 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,243,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3700 mg/kg TXAPA9 6,378,64
orl-mus LD50:2800 mg/kg JPETAB 88,400,46
STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE or COMBUSTIBLE LIQUID; LABEL-FLAMMABLE LIQUID CFRG&R 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BZ8225000 ANISOLE, p-ALLYL-
UPDT:8408 CAS: 140-67-0 MW: 148.22 MOLFM: C10-H12-O
SYN: p-ALLYLANISOLE * 4-ALLYL-1-METHOXYBENZENE * CHAVICOL METHYL ETHER * ESDRAGOL * ESDRAGON * ESTRAGOLE * ISOANETHOLE * p-METHOXYALLYLBENZENE * 1-METHOXY-4-(2-PROPENYL)BENZENE * METHYL CHAVICOL * NCI-C60946 * TARRAGON
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,603,76
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate MUREAV 60,143,79
mma-sat 1 umol/plate MUREAV 60,143,79
bfa-rat/sat 2500 mg/kg NUCADQ 1,10,79
TUMORIGENIC DATA AND REFERENCES:
2V02I60 orl-mus TDLo:97 gm/kg/1Y-C CNREA8 43,1124,83
3V01J60L60 scu-mus TDLo:140 mg/kg/22D-I JNCIAM 57,1323,76
3V02L60L61 orl-mus TD :195 gm/kg/1Y-C CNREA8 43,1124,83
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1230 mg/kg FCTXAV 14,603,76
ipr-rat LD50:1030 mg/kg COREAF 246,1465,58
2F07F24 orl-mus LD50:1250 mg/kg FCTXAV 2,327,64
ipr-mus LD50:1260 mg/kg COREAF 246,1465,58
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANISOLE, p-AMINO- see: BZ5450000
ANISOLE, p-(beta-BROMO-p-CHLORO-alpha-PHENYLSTYRYL)- see: KU8514000
ANISOLE, p-(beta-BROMO-p-CHLORO-alpha-PHENYLSTYRYL)-, (Z)- see: KU8520000
ANISOLE, p-(beta-BROMO-m-FLUORO-alpha-PHENYLSTYRYL)- see: KU8545000
ANISOLE, p-(beta-BROMO-m-FLUORO-alpha-PHENYLSTYRYL)-, (Z)- see: KU8550000
ANISOLE, p-(beta-BROMO-o-FLUORO-alpha-PHENYLSTYRYL)- see: KU8555000
ANISOLE, p-(beta-BROMO-o-FLUORO-alpha-PHENYLSTYRYL)-, (Z)- see: KU8560000
ANISOLE, p-(beta-BROMO-p-FLUORO-alpha-PHENYLSTYRYL)-, (E)- see: KU8565000
ANISOLE, p-(beta-BROMO-p-FLUORO-alpha-PHENYLSTYRYL)-, (Z)- see: KU8570000

BZ8575000 ANISOLE, 6-t-BUTYL-3-METHYL-2,4-DINITRO-
UPDT:8408 CAS: 83-66-9 MW: 268.30 MOLFM: C12-H16-N2-O5
SYN: 2,6-DINITRO-3-METHOXY-4-tert-BUTYLTOLUENE * MUSK AMBRETTE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 13,875,75
MUTATION DATA AND REFERENCES:
mma-sat 2 umol/plate FCTOD7 21,707,83
mma-sat 4 umol/plate FCTOD7 21,707,83
sln-dmg-orl 10 mmol/L FCTOD7 21,707,83
TOXICITY DATA AND REFERENCES:
2J26R21 orl-rat LD50:339 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANISOLE, p-(alpha-CYCLOHEXYL-o-FLUOROSTYRYL)- see: KV0890000

BZ8580500 ANISOLE, 2,4-DIAMINO-
UPDT:8411 CAS: 615-05-4 MW: 138.19 MOLFM: C7-H10-N2-O
SYN: 1,3-BENZENEDIAMINE, 4-METHOXY- (9CI) * C.I. 76050 * C.I. OXIDATION BASE 12 * 2,4-DAA * 2,4-DIAMINEANISOLE * 2,4-DIAMINOANISOL * 2,4-DIAMINOANISOLE * 2,4-DIAMINOANISOLE BASE * m-DIAMINOANISOLE 1,3-DIAMINO-4-METHOXYBENZENE * 2,4-DIAMINO-1-METHOXYBENZENE * FURRO L * 4-METHOXY-1,3-BENZENEDIAMINE * p-METHOXY-m-PHENYLENEDIAMINE * 4-METHOXY-m-PHENYLENEDIAMINE * 4-MMPD * PELAGOL DA * PELAGOL GREY 1 * PELAGOL L * m-PHENYLENEDIAMINE, 4-METHOXY- (8CI)
IRRITATION DATA AND REFERENCES:
skn-rbt 12500 ug 24H MLD FCTXAV 15,607,77
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate MUREAV 79,289,80

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

mma-sat 5 ug/plate MUREAV 79,289,80
dnd-hmn:fbr 50 umol/L MUREAV 127,107,84
dnd-rat-ipr 660 umol/kg CRNGDP 2,1317,81
dnd-rat:lvr 500 umol/L CBINA8 31,35,80
sce-mus-ipr 12 mg/kg MUREAV 108,225,83
msc-mus:lym 18750 gm/L JEPTDQ 1(1),87,77

TOXICITY DATA AND REFERENCES:
3F07F19R21 orl-rat LD50:460 mg/kg FCTXAV 15,607,77
2M10M16 ipr-rat LD50:116 mg/kg BCPCA6 30,2715,81

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 27,103,82

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 19, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANISOLE, 2,4-DIAMINO-, HYDROGEN SULFATE see: ST2705000
ANISOLE, 2,4-DIAMINO-, SULFATE see: ST2705000
ANISOLE (DOT) see: BZ8050000
ANISOLE, p-(2,3-EPOXYPROPOXY)- see: DA0176000
ANISOLE, p-(m-FLUORO-alpha-PHENYLSTYRYL)- see: KW2666400

BZ8780000 ANISOLE, p-METHYL-
UPDT:8305 CAS: 104-93-8 MW: 122.18 MOLFM: C8-H10-O
SYN: BENZENE, 1-METHOXY-4-METHYL- (9CI) * p-CRESOL METHYL ETHER * p-CRESYL METHYL ETHER * p-METHOXYTOLUENE * 4-METHOXYTOLUENE * p-METHYLANISOLE * 4-METHYL-1-METHOXYBENZENE * 4-METHYLPHENOL METHYL ETHER * METHYL p-TOLYL ETHER * p-TOLYL METHYL ETHER

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,393,74

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1920 mg/kg FCTXAV 12,393,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BZ8787000 ANISOLE, n-NITRO-
UPDT:8401 CAS: 555-03-3 MW: 153.15 MOLFM: C7-H7-N-O3
SYN: m-METHOXYNITROBENZENE * 3-METHOXYNITROBENZENE * METHYL m-NITROPHENYL ETHER * m-NITROANISOLE * 3-NITROANISOLE * m-NITROANISOLE (DOT) * UN 2730 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BZ8790000 ANISOLE, o-NITRO-
UPDT:8412 CAS: 91-23-6 MW: 153.15 MOLFM: C7-H7-N-O3
SYN: BENZENE, 1-METHOXY-2-NITRO- (9CI) * 2-METHOXYNITROBENZENE * 1-METHOXY-2-NITROBENZENE * NCI-C60388 * o-NITROANISOLE * 2-NITROANISOLE * o-NITROANISOLE (DOT) * o-NITROPHENYL METHYL ETHER * UN 2730 (DOT)

MUTATION DATA AND REFERENCES:
mma-sat 666 ug/plate ENMUDM 5(Suppl 1),3,83
mma-sat 20 umol/plate MUREAV 58,11,78

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1980 mg/kg GTPZAB 25(8),50,81
* orl-mus LD50:1450 mg/kg GTPZAB 25(8),50,81

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BZ8800000 ANISOLE, p-NITRO-
UPDT:8408 CAS: 100-17-4 MW: 153.15 MOLFM: C7-H7-N-O3
SYN: BENZENE, 1-METHOXY-4-NITRO- (9CI) * p-METHOXYNITROBENZENE * 4-METHOXYNITROBENZENE * p-NITROANISOL * p-NITROANISOLE * 4-NITROANISOLE * p-NITROANISOLE (DOT) * UN 2730 (DOT)

MUTATION DATA AND REFERENCES:
mma-sat 6500 nmol/L ENMUDM 3,11,81
mma-sat 20 umol/plate MUREAV 58,11,78

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2600 mg/kg GTPZAB 25(8),50,81
ipr-rat LD50:1400 mg/kg AGGHAR 17,217,59
* orl-mus LD50:1710 mg/kg GTPZAB 25(8),50,81
ipr-mus LD50:698 mg/kg TXAPA9 41,216,77

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BZ8805000 ANISOLE, o-NITRO-, mixed with NORHARMAN
UPDT:8311
SYN: o-NITROANISOLE mixed with NORHARMAN * NORHARMAN mixed with o-NITROANISOLE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 120,105,83

BZ8820000 ANISOLE, 2,3,4,5,6-PENTACHLORO-
UPDT:8412 CAS: 1825-21-4 MW: 280.35 MOLFM: C7-H3-Cl5-O
SYN: BENZENE, PENTACHLOROMETHOXY- (9CI) * METHYL PENTACHLOROPHENATE * METHYL PENTACHLOROPHENYL ESTER * NCI-C56520 * PENTACHLOROANISOLE * 2,3,4,5,6-PENTACHLOROANISOLE * PENTACHLOROMETHOXYBENZENE * PENTACHLOROPHENYL METHYL ETHER

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg JPETAB 90,260,47

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

BZ8835000 ANISOLE, o-PHENYL-
UPDT:8305 CAS: 86-26-0 MW: 184.25 MOLFM: C13-H12-O
SYN: 1,1'-BIPHENYL, 2-METHOXY- (9CI) * 2-METHOXY BIPHENYL * METHYL DIPHENYL ETHER * o-PHENYL ANISOLE * 2-PHENYLANISOLE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 13,855,75

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3600 mg/kg FCTXAV 13,855,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BZ8925000 ANISOLE, p-PROPENYL-
UPDT:8408 CAS: 104-46-1 MW: 148.22 MOLFM: C10-H12-O
SYN: ACINTENE O * ANETHOL * ANETHOLE * ANISE CAMPHOR * ARIZOLE * ISOESTRAGOLE * p-METHOXY-beta-METHYLSTYRENE * 1-METHOXY-4-PROPENYLBENZENE * 1-METHOXY-4-(1-PROPENYL)BENZENE * 4-METHOXYPROPENYLBENZENE * MONASIRUP * NADIL GUM * OIL of ANISEED * PROPENE, 1-(p-METHOXYPHENYL)- * p-PROPENYL ANISOLE * p-1-PROPENYLANISOLE * 4-PROPENYLANISOLE * p-PROPENYLPHENYL METHYL ETHER

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:2400 mg/kg8W-I CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:
2F07F24 orl-rat LD50:2090 mg/kg FCTXAV 2,327,64
2F07F24 orl-mus LD50:3050 mg/kg FCTXAV 2,327,64
1F07 orl-gpg LD50:2160 mg/kg FCTXAV 2,327,64

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANISOLE, p-PROPENYL-, (E)- (8CI) see: BZ9275000

BZ9275000 ANISOLE, p-PROPENYL-, trans-
UPDT:8306 CAS: 4180-23-8 MW: 148.22 MOLFM: C10-H12-O
SYN: trans-ANETHOL * trans-ANETHOLE * ANISOLE, p-PROPENYL-, (E)- (8CI) * BENZENE, 1-METHOXY-4-(1-PROPENYL)-, (E)- (9CI) * trans-p-PROPENYLANISOLE

MUTATION DATA AND REFERENCES:
mma-sat 200 ng/plate NTIS** AD-A116-715
mma-sat 1 umol/plate MUREAV 60,143,79

TOXICITY DATA AND REFERENCES:
2F07F24 orl-rat LD50:2090 mg/kg FCTXAV 2,327,64
ipr-rat LD50:900 mg/kg THERAP 22,309,67
2F07F24 orl-mus LD50:3050 mg/kg FCTXAV 2,327,64
ipr-mus LD50:650 mg/kg THERAP 22,309,67
1F07 orl-gpg LD50:2167 mg/kg FCTXAV 2,327,64

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BZ9450000 ANISOLE, p-PROPYL-
UPDT:8408 CAS: 104-45-0 MW: 150.24 MOLFM: C10-H14-O
SYN: DIHYDROANETHOLE * 1-METHOXY-4-PROPYLBENZENE * p-n-PROPYL ANISOLE * 4-PROPYLANISOLE * 4-n-PROPYLANISOLE

MUTATION DATA AND REFERENCES:
sln-dmg-orl 5 mmol/L FCTOD7 21,707,83

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4400 mg/kg TXAPA9 6,378,64
3D07D35R21 orl-mus LD50:7300 mg/kg FCTXAV 2,327,64

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BZ9625000 ANISOLE, 2,3,5,6-TETRACHLORO-4-NITRO-
UPDT:8412 CAS: 2438-88-2 MW: 290.91 MOLFM: C7-H3-Cl4-N-O3
SYN: BENZENE, 1,2,4,5-TETRACHLORO-3-METHOXY-6-NITRO- (9CI) * ENT 22,335 * NCI-C03032 * 4-NITRO-2,3,5,6-TETRACHLORANISOLE * TCNA * TETRACHLORONITROANISOLE * 2,3,5,6-TETRACHLORO-4-NITROANISOLE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:260 mg/kg IHFCAY 6,1,67

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-114,78)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BZ9655000 ANISOLE, TRINITRO-
UPDT:8312 MW: 243.15 MOLFM: C7-H5-N3-O7
SYN: TRINITROANISOLE (DOT) * UN 0213 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

BZ9656000 ANISOLE, 2,4,6-TRINITRO-
UPDT:8410 CAS: 606-35-9 MW: 243.15 MOLFM: C7-H5-N3-O7

MUTATION DATA AND REFERENCES:
mma-sat 204 nmol/plate MUREAV 136,209,84
mma-sat 408 nmol/plate MUREAV 136,209,84

BZ9660000 ANISOMELES INDICA (L.) Kuntze, extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 7,250,69)
UPDT:8302

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

BZ9670000 ANISOMELES MALABARICA R.Br., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 12,512,74)
UPDT:8302
SYN: MOGHABERICHETTU EXTRACT

TOXICITY DATA AND REFERENCES:
3J30M10V30 ipr-mus LD50:400 mg/kg IJEBA6 12,512,74

BZ9800000 ANISOMYCIN
UPDT:8405 CAS: 22862-76-6 MW: 265.34 MOLFM: C14-H19-N-O4
SYN: ANTIBIOTIC PA-106 * FLAGECIDIN * 2-(p-METHOXYBENZYL)-3,4-PYRROLIDINEDIOL 3-ACETATE * 2-p-METHOXYPHENYLMETHYL-3-ACETOXY-4-HYDROXYPYRROLIDINE * 3,4-PYRROLIDINEDIOL, 2-(p-METHOXYBENZYL)-, 3-ACETATE, (2S,3R,4R)-

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:72 mg/kg ANTCAO 5,490,55
2F12J25 ipr-rat LD50:345 mg/kg ANTCAO 5,490,55
* scu-rat LD50:230 mg/kg ANTCAO 5,490,55
2F12J25 ivn-rat LD50:167 mg/kg ANTCAO 5,490,55
* orl-mus LD50:148 mg/kg ANTCAO 5,490,55
2F12J25 ipr-mus LD50:400 mg/kg ANTCAO 5,490,55
* scu-mus LD50:600 mg/kg ANTCAO 5,490,55
* ivn-mus LD50:10 mg/kg 85GDA2 5,77,81
* orl-gpg LDLo:300 mg/kg ANTCAO 5,490,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANISOPYRADAMINE see: UT1225000
ANISOTROPINE METHOBROMIDE see: YM3710000
ANISOTROPINE METHYLBROMIDE see: YM3710000

CA0270000 ANISOYL CHLORIDE
UPDT:8308 CAS: 100-07-2 MW: 170.60 MOLFM: C8-H7-Cl-O2
SYN: ANISOYL CHLORIDE (DOT) * BENZOYL CHLORIDE, METHOXY- (9CI) * METHOXYBENZOYL CHLORIDE * UN 1729 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ANISOYL CHLORIDE (DOT) see: CA0270000
ANISOYLHYDRAZINE see: BZ4800000
p-ANISOYLHYDRAZINE see: BZ4800000
ANISTADIN see: DK8925000
2-(p-ANISYL)ACETIC ACID see: AI8960000
ANISYL ALCOHOL see: DO8925000
o-ANISYLAMINE see: BZ5410000
p-ANISYLAMINE see: BZ5450000
o-ANISYLAMINE HYDROCHLORIDE see: BZ6500000
p-ANISYLAMINE HYDROCHLORIDE see: BZ6600000
N-(m-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)ACETAMIDE HYDROCHLORIDE see: AB4430000
N-(o-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)ACETAMIDE HYDROCHLORIDE see: AB4440000
N-(p-ANISYL)-2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)ACETAMIDE HYDROCHLORIDE see: AB4450000
ANISYL n-BUTYRATE see: ET5300000
ANISYL FORMATE see: AI8960000
5-ANISYL GENTISIC ACID see: LY3859000

BEST COPY AVAILABLE

2-p-ANISYL-1,3-INDANDIONE see: NK5775300
2-p-ANISYL-3-ISOPROPYL-3,4-DIHYDROQUINAZOLIN-4-ONE see: VA3525000 4(3H)-QUINAZOLINONE, 3-ISOPROPYL-2-(p-METHOXYPHENYL)-
N-p-ANISYL-3-METHYLBENZOFURAN-2-CARBOXAMIDE see: DF6474000 2-BENZOFURANCARBOXAMIDE, N-(p-METHOXYPHENYL)-3-METHYL-
ANISYL METHYL KETONE see: UC2990000
ANISYL PHENYLACETATE see: AJ3000000
3-(4-(p-ANISYL)-1-PIPERAZINYLMETHYL)-4(3H)-QUINAZOLINONE DIHYDROCHLORIDE see: VA3676200
2-(p-ANISYLSULFONAMIDO)-5-ISOBUTYL-1,3,4-THIADIAZOLE see: DB2780000
ANIT see: NX9100000
ANKILOSTIN see: KX3850000
ANN (German) see: AI9150000
ANNALINE see: EW4150000

CA1119000 ANNATTO
DEF A natural food dye (KEKHB8 (9),11,79)
UPDT 8405
SYN: ANNOTTA * ARNOTTA
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — KEKHB8 (9),11,79
mmo-esc 100 ug/plate — KEKHB8 (9),11,79

CA1183000 ANNONA MURICATA L., leaf and stem extract
DEF Jamaican plant belonging to the family ANNONACEAE (JPPMAB 14,556,62)
UPDT 8405
SYN: SORSAKA
TUMORIGENIC DATA AND REFERENCES:
3V03D09V10 scu-rat TDLo:300 gm/kg/1Y-I — JNCIAM 46,1131,71
TOXICITY DATA AND REFERENCES:
1H01 ipr-mus LDLo:40 gm/kg — JPPMAB 14,556,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CA1185000 ANNONA RETICULATA Linn., extract excluding roots
DEF Indian plant belonging to the family ANNONACEAE (IJEBA6 9,91,71)
UPDT 8302
SYN: NONA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg — IJEBA6 9,91,71

CA1186000 ANNONA SQUAMOSA Linn., extract excluding roots
DEF Indian plant belonging to the family ANNONACEAE (IJEBA6 7,250,69)
UPDT 8405
SYN: SHARIFA EXTRACT
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:1000 mg/kg — IJEBA6 7,250,69

CA1187000 ANNONA SQUAMOSA Linn., seed extract
UPDT 8411
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:1400 mg/kg (1-7D preg) — IJMRAQ 70,517,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANNOTININ see: CA1190000

CA1190000 ANNOTININE
UPDT 8406 CAS: 559-49-9 MW: 275.38 MOLFM: C16-H21-N-O3
SYN: ANNOTININ
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:115 mg/kg — JAPMAB 34,197,45

ANNOTTA see: CA1119000
ANNUAL POINSETTIA see: LE5943000
(6)ANNULENE see: CY1400000
(8)ANNULENE see: GY0175600
ANODYNIN see: CD2450000
ANODYNINE see: CD2450000
ANODYNON see: KH7525000
ANOFEX see: KJ3325000

CA1600000 ANOGEISSUS CORONATA Stapf., extract excluding roots
DEF Indian plant belonging to the family COMBRETACEAE (IJEBA6 7,250,69)
UPDT 8302
SYN: SAFED DHOK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg — IJEBA6 7,250,69

CA1610000 ANOGEISSUS LATIFOLIA Wall., stem bark extract
DEF Indian plant belonging to the family COMBRETACEAE (IJEBA6 9,91,71)
UPDT 8302
SYN: DHAORO STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:375 mg/kg — IJEBA6 9,91,71

CA1615000 ANOGEISSUS LATIFOLIA Wall. var. VILLOSA Clarke, extract excluding roots
DEF Indian plant belonging to the family COMBRETACEAE (IJEBA6 9,91,71)
UPDT 8302
SYN: DINDUGALU EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg — IJEBA6 9,91,71

CA1620000 ANOGEISSUS PENDULA Edgew., extract excluding roots
DEF Indian plant belonging to the family COMBRETACEAE (IJEBA6 15,208,77)
UPDT 8408
SYN: KALADHAWARA, extract
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:750 mg/kg — IJEBA6 15,208,77

ANOL see: GV7875000
ANONE see: GW1050000
ANOPROLIN see: UR0785000
ANORDRIN see: RC9053000
ANORDRIN DIPROPIONATE see: RC9053000
ANOREXIDE see: SH9450000
ANOREXINE see: SI1750000
ANOT see: XS3600000
ANOVIGAM see: CV4900000
ANOVLAR see: RC8925000
ANOVLAR 21 see: RC8990000
beta-ANOXIN see: AG6475000
A. ANTARCTICUS B (AUSTRALIAN) VENOM see: YX3959270
ANOZOL see: TI1050000
ANP 235 see: AG0430000
ANP 3548 see: AB4785000
ANP 3624 see: AG9300000
ANPARTON see: UE9480000
235 ANP HYDROCHLORIDE see: AG0440000
ANPROLENE see: KX2450000
ANPUZONE see: UQ8225000
ANQUIL see: ZG0350000
ANQUIL see: DE1900000
ANSAL see: VO1740000
ANSAMITOCIN P-4 see: OQ2295000
ANSAR see: CH7525000
ANSAR 138 see: CH7525000
ANSAR 157 see: PA2450000
ANSAR 160 see: CH7700000
ANSAR 170 see: PA2625000
ANSAR 184 see: PA2275000
ANSAR 529 see: PA2625000
ANSAR 560 see: CH7700000
ANSAR 8100 see: PA2275000
ANSAR-290 D see: PA2630000
ANSAR DSMA LIQUID see: PA2275000
ANSAR 170 H.C. see: PA2625000
ANSAR 529 H.C. see: PA2625000
ANSAR 170L see: PA2625000
ANSATIN see: CB4375000
ANSEPRON see: UB9275000
ANSHIST see: UV8750000
ANSIACAL see: DE9450000
ANSIATAN see: TZ0175000
ANSIBASE RED KB see: XU5075000
ANSIETAN see: TZ0175000
ANSIL see: TZ0175000
ANSILAN see: DE9070000
ANSIOLIN see: DF1575000
ANSIOLISINA see: DF1400000
ANSIOLISINA see: DF1575000
ANSIOWAS see: TZ0175000
ANSIOXACEPAM see: DF1400000
ANSOLYSEN see: UY4900000
ANSOLYSEN BITARTRATE see: UY4900000
ANSOLYSEN TARTRATE see: UY4900000
ANSUL ETHER 181AT see: SB0400000
ANT-1 see: CB4375000
ANTABUS see: JO1225000
ANTABUSE see: JO1225000
ANTADIX see: JO1225000
ANTADOL see: UQ8225000
ANTAENYL see: JO1225000
ANTAETHAN see: JO1225000
ANTAETHYL see: JO1225000
ANTAETIL see: JO1225000
ANTAGE W 400 see: PA3500000
ANTAGONATE see: US6475000
ANTAGOSAN see: YN5080000
ANTAGOTHYROID see: YR1575000
ANTAGOTHYROIL see: YR1575000
ANTAK see: HE4375000
ANTAK see: RH6560000
ANTALCOL see: JO1225000
ANTALERGAN see: UT0875000
ANTALIN see: EV7700000
ANTALLERGAN see: UT0875000
ANTALVIC see: EL3000000
ANTAMINE see: UT0875000
ANTAROX A-200 see: MD0907700
ANTASTAN see: NJ2000000
ANTASTEN see: NJ2000000
ANTAZOLIN see: NJ2000000
ANTAZOLINE see: NJ2000000
ANTAZOLINE HYDROCHLORIDE see: NJ2150000
ANTEMOQUA see: NM2450000
ANTEMOVIS see: NM2450000
ANTENE see: ZH0525000
ANTEPAR see: TL3485000
ANTERGAN see: KV1915000
ANTERIOR PITUITARY GROWTH HORMONE see: TO7385000
ANTERIOR PITUITARY LUTEOTROPIN see: TW2895000
ANTERON see: TU4517000
ANTETAN see: JO1225000
ANTETHYL see: JO1225000
ANTETIL see: JO1225000
ANTEX-490 see: TU4517000
ANTEYL see: JO1225000
ANTHALLAN see: TI3696000
ANTHALLAN HYDROCHLORIDE see: TI3696500
ANTHELVET see: NJ5950000

CA7782500 9,10-ANTHRACENEDIONE, 2,3-DIHYDRO-1,4-DIHYDROXY-5,8-DIMETHYLAMINO-
UPDT 8309 MW: 300.34 MOLFM: C16-H16-N2-O4
SYN: 2,3-DIHYDRO-1,4-DIHYDROXY-5,8-DIMETHYLAMINO-9,10-ANTHRACENEDIONE * 5,8-DIMETHYLAMINOLEUCOQUINIZARIN * LEUCO-1,4-DIHYDROXY-5,8-DIMETHYLAMINO-9,10-ANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate — MUREAV 66,9,79
mmo-sat 100 ug/plate — MUREAV 66,9,79

ANTHANTHREN (German) see: HO5900000
ANTHANTHRENE see: HO5900000
ANTHECOLE see: TL3485000
ANTHELMYCIN see: UW7350200

CA7810000 ANTHELVENCIN, SALICYLATE
DEF An antibiotic produced by the strain STREPTOMYCES VENEZUELAE (BSERAY 2,1185,78)
UPDT 8312 MW: 564.65 MOLFM: C19-H24-N2-O3 C7-H6-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:178 mg/kg — BSERAY 2,1185,78

(-)-ANTHELVET see: NJ5950000
ANTHIO see: TE1050000
ANTHIOLIMINE see: WJ1625000
ANTHIOMALINE see: WJ1625000
ANTHIOMALINE MONOHYDRATE see: WM9540000
ANTHION see: SE0400000
ANTHIPHEN see: SM0175000
ANTHISAN see: UT0875000
ANTHISAN MALEATE see: UT1225000
ANTHIUM DIOXCIDE see: FO3000000
ANTHON see: TA0700000
ANTHOPHYLLITE see: CI6475000
ANTHOPLEURA XANTHOGRAMMICA TOXIN see: XW5872000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CA8925000 ANTHRA(9,1,2-cde)BENZO(h)CINNOLINE
UPDT:8401 CAS: 189-58-2 MW: 304.36 MOLFM: C22-H12-N2
SYN: 1,2-DIAZA-3,4,9,10-DIBENZPYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:80 mg/kg IJMRAQ 53,638,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANTHRACEN (German) see: CA9350000

CA9100000 1-ANTHRACENAMINE
UPDT:8406 CAS: 610-49-1 MW: 193.26 MOLFM: C14-H11-N
SYN: alpha-AMINOANTHRACENE * 1-AMINOANTHRACENE * ANTHRACENE, 1-AMINO- * 1-ANTHRACYLAMINE * 1-ANTHRAMINE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate PNASA6 72,5135,75
dnr-esc 100 mg/L JJIND8 62,873,79
mrc-smc 5 pph JJIND8 62,901,79
TUMORIGENIC DATA AND REFFRENCES:
2V03R60 orl-rat TDLo:7200 mg/kg/27D-I CNREA8 28,924,68
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1250 mg/kg JJIND8 62,911,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CA9275000 2-ANTHRACENAMINE
UPDT:8406 CAS: 613-13-8 MW: 193.26 MOLFM: C14-H11-N
SYN: beta-AMINOANTHRACENE * 2-AMINOANTHRACENE * 2-ANTHRACYLAMINE * 2-ANTHRYLAMINE * 2-ANTHRAMINE
MUTATION DATA AND REFERENCES:
mma-sat 6 nmol/plate BBRCA9 89,259,79
mma-sat 100 ng/plate ENMUDM 5(Suppl 1),3,83
mma-esc 200 nmol/plate MUREAV 135,87,84
dnr-esc 100 mg/L JJIND8 62,873,79
dnd-esc 30 umol/L MUREAV 89,95,81
pic-esc 5 ug/plate CSHCAL 4,1451,77
dnr-bcs 100 uL/disc MUREAV 97,1,82
mmo-omi 500 ug/L MUREAV 74,113,80
dnd-rat-itr 50 mg/kg CBINA8 36,129,81
dnd-rat:lvr 30 umol/L SinJF# 26OCT82
dns-rat:lvr 10 umol/L ENMUDM 3,11,81
bfa-rat/sat 5 mg/kg ENMUDM 1,155,79
cyt-rat-ipr 10 mg/kg/72H NULSAK 23,36,80
sce-rat-ipr 50 mg/kg MUREAV 91,363,81
sce-rat-skn 100 mg/kg MUREAV 91,363,81
sce-rat-orl 100 mg/kg MUREAV 91,363,81
otr-mus:emb 2500 ug/L ENMUDM 5,389,83
dnd-mus:ast 30 umol/L MUREAV 89,95,81
msc-mus:lym 250 ug/L MUREAV 125,291,84
hma-mus/sat 125 mg/kg JJIND8 62,911,79
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
otr-ham:emb 100 ug/L IJCNAW 19,642,77
sce-ham:lng 1 mg/L ENMUDM 5,436,83
sce-ham:lng 10 umol/L MUREAV 118,103,83
msc-ham:lng 100 mg/L TOLED5 3,209,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T82 orl-mus TDLo:210 mg/kg (1-21D preg) TJADAB 25(2),61A,82
TUMORIGENIC DATA AND REFERENCES:
2V01R60 orl-rat TDLo:45 mg/kg/30D-I CNREA8 28,924,68
3V03R60V10 skn-rat TDLo:260 ug/kg/33W-I BJCAAI 9,631,55
3V01R60V10 skn-mus TDLo:62 mg/kg/2Y-I NTIS** CONF-801143
2V01M60 imp-mus TDLo:50 mg/kg BJCAAI 12,222,58
2V03R60 skn-ham TDLo:1200 mg/kg/55W-I CNREA8 20,100,60
3V01K60R60 orl-rat TD :100 mg/kg CNREA8 26,619,66
3V03M60V10 imp-mus TD :96 mg/kg/ BMBUAQ 14,147,58
3V01R60V10 skn-mus TD :624 mg/kg/2Y-I NTIS** CONF-801143
3V03R60V10 skn-mus TD :800 ug/kg/20W-I BJCAAI 9,631,55
2V03R60 skn-rat TD :46800 mg/kg/26W-I ONCOAR 17,236,64
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg JJIND8 62,911,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
9-ANTHRACENAMINE see: CB2279000

CA9350000 ANTHRACENE
UPDT:8408 CAS: 120-12-7 MW: 178.24 MOLFM: C14-H10
SYN: ANTHRACEN (German) * ANTHRACIN * GREEN OIL * PARANAPHTHALENE * TETRA OLIVE N2G
IRRITATION DATA AND REFERENCES:
skn-mus 118 ug MLD CALEDQ 4,333,78
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate ABCHA6 43,1433,79
dnr-esc 500 mg/L PMRSDJ 1,195,81
pic-esc 500 mg/L PMRSDJ 1,224,81
dns-hmn:fbr 10 mg/L CNREA8 38,2091,78
otr-rat:emb 108 ug/plate JJATDK 1,190,81
dnd-rat:lvr 300 umol/L SinJF# 26OCT82
hma-mus/sat 125 mg/kg JJIND8 62,911,79
otr-ham:kdy 193 mg/L PMRSDJ 1,626,81
dnd-mam:lym 100 umol BIPMAA 9,689,70
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:20 gm/kg/79W-I ZEKBAI 60,697,55
2V02V10 scu-rat TDLo:3300 mg/kg/33W-I NATWAY 42,159,55
2V03V10 scu-rat TD :660 mg/kg/33W-I ZEKBAI 60,697,55
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:430 mg/kg PMRSDJ 1,681,81
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL NEGATIVE IARC** 32,105,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANTHRACENE, 1-AMINO- see: CA9100000

CA9365000 ANTHRACENE, 9,10-BIS(CHLOROMETHYL)-
UPDT:8401 CAS: 10387-13-0 MW: 275.18 MOLFM: C16-H12-Cl2
SYN: 9,10-BIS(CHLOROMETHYL)ANTHRACENE * 9,10-DI(CHLOROMETHYL)ANTHRACENE * ICR 450
MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate PNASA6 72,5135,75
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ivn-mus TDLo:1100 ug/kg CNREA8 36,2423,76
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#00245
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CA9380000 ANTHRACENE, 9-BROMOMETHYL-
UPDT:8401 CAS: 2417-77-8 MW: 271.17 MOLFM: C15-H11-Br
SYN: 9-BROMOMETHYLANTHRACENE * ICR 506
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate PNASA6 72,5135,75
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ivn-mus TDLo:1350 ug/kg CNREA8 36,2423,76
TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:2700 ug/kg CNREA8 36,2423,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANTHRACENE BROWN see: CB8198000
2-ANTHRACENECARBOXYLIC ACID, 9,10-DIHYDRO-4,5,7-TRIHYDROXY-9,10-DIOXO- (9CI) see: CB8810000

CA9535000 2-ANTHRACENECARBOXYLIC ACID, 9,10-DIOXO-1-NITRO-
UPDT:8407 MW: 297.23 MOLFM: C15-H7-N-O6
SYN: 2-ANTHROIC ACID, 1-NITRO- * 9,10-DIOXO-1-NITRO-2-ANTHRACENECARBOXYLIC ACID * 1-NITRO-2-CARBOXY-9,10-ANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 66,9,79
mma-sat 100 ug/plate MUREAV 66,9,79

CA9575000 ANTHRACENE, 9-CHLORO-10-CHLOROMETHYL-
UPDT:8401 CAS: 19996-03-3 MW: 261.15 MOLFM: C15-H10-Cl2
SYN: 9-CHLORO-10-CHLOROMETHYLANTHRACENE * 10-CHLOROMETHYL 9-CHLOROANTHRACENE * ICR 486
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate PNASA6 72,5135,75
pic-esc 50 ng/plate CNREA8 43,2819,83
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ivn-mus TDLo:2600 ug/kg CNREA8 36,2423,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CA9630000 ANTHRACENE, 10-CHLOROMETHYL-9-METHYL-
UPDT:8401 CAS: 25148-26-9 MW: 240.74 MOLFM: C16-H13-Cl
SYN: 10-CHLOROMETHYL 9-METHYLANTHRACENE * ICR 433
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate PNASA6 72,5135,75
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ivn-mus TDLo:2400 ug/kg CNREA8 36,2423,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANTHRACENE, 9,10-DIHYDRO-9,10-DIOXO- see: CB4725000

CA9680000 ANTHRACENE, DIMETHYL-
UPDT:8408 CAS: 29063-00-1 MW: 206.30 MOLFM: C16-H14
SYN: DIMETHYLANTHRACENE
MUTATION DATA AND REFERENCES:
dnd-bcs 50 ug/disc PMRSDJ 1,175,81

CA9685000 ANTHRACENE, 9,10-DIMETHYL-
UPDT:8406 CAS: 781-43-1 MW: 206.30 MOLFM: C16-H14
SYN: 9,10-DIMETHYLANTHRACENE
MUTATION DATA AND REFERENCES:
mmo-sat 2 mg/plate PMRSDJ 1,314,81
mma-sat 1 ug/plate MUREAV 51,311,78
mma-esc 10 ug/plate PMRSDJ 1,387,81
dnr-esc 500 mg/L PMRSDJ 1,195,81
sln-dmg-par 5 mmol/L MUREAV 125,243,84
dnr-smc 100 mg/L PMRSDJ 1,502,81
mrc-smc 200 ppm PMRSDJ 1,481,81
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 skn-mus TDLo:1100 mg/kg/46W-I CNREA8 2,157,42
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
9,10-ANTHRACENEDIONE see: CB4725000
9,10-ANTHRACENEDIONE, 1-AMINO- see: CB5075000
9,10-ANTHRACENEDIONE, 2-AMINO- (9CI) see: CB5120000
9,10-ANTHRACENEDIONE, 1-AMINO-2,4-DIBROMO- see: CB5500000
9,10-ANTHRACENEDIONE, 1-AMINO-2-METHYL- (9CI) see: CB5740000
9,10-ANTHRACENEDIONE, 1,4-BIS((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-, DIACETATE see: CB5748000

CB0164000 9,10-ANTHRACENEDIONE, 3-((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-1,8-DIHYDROXY-6-METHYL-
UPDT:8310 CAS: 521-62-0 MW: 416.41 MOLFM: C21-H20-O9
SYN: ANTHRAQUINONE, 3-((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-1,8-DIHYDROXY-6-METHYL- * 3-((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-1,8-DIHYDROXY-6-METHYL-9,10-ANTHRACENEDIONE * FRANGULIN A (8CI) * FRANGULOSIDE
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 66,9,79
mma-sat 20 nmol/plate PNASA6 77,4961,80
9,10-ANTHRACENEDIONE, 1,2-DIHYDROXY- see: CB6580000
9,10-ANTHRACENEDIONE, 1,8-DIHYDROXY- see: CB6650000

CB0386900 ANTHRACENEDIONE, 1,4-DIHYDROXY-5,8-BIS((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-, DIHYDROCHLORIDE
UPDT:8402 CAS: 70476-82-3 MW: 517.46 MOLFM: C22-H28-N4-O6-2Cl-H
SYN: CL 232315 * MITOXANTRONE HYDROCHLORIDE * NSC 301739
MUTATION DATA AND REFERENCES:
dni-hmn:oth 1 nmol/L PAACA3 24,252,83
oms-hmn:oth 1 nmol/L PAACA3 24,252,83
cyt-hmn:hla 100 ug/L CNREA8 43,3270,83
cyt-rat-ipr 2500 ug/kg 5D ENMUDM 4,349,82
cyt-rat-ivn 300 ug/kg ENMUDM 4,349,82
oms-ham:ovr 100 ug/L CNREA8 43,3270,83
9,10-ANTHRACENEDIONE, 1,8-DIHYDROXY-3-(HYDROXYMETHYL)- (9CI) see: CB6712200
9,10-ANTHRACENEDIONE, 1,8-DIHYDROXY-3-METHOXY-6-METHYL- (9CI) see: CB6720000
9,10-ANTHRACENEDIONE, 1,8-DIHYDROXY-2,4,5,7-TETRANITRO- see: CB6750000
9,10-ANTHRACENEDIONE, 1-(beta-D-GLUCOPYRANOSYLOXY)-3,8-DIHYDROXY-6-METHYL- see: LZ5785300

CB0533200 9,10-ANTHRACENEDIONE, 1-(beta-D-GLUCOPYRANOSYLOXY)-4-HYDROXY-
UPDT:8407 CAS: 29115-11-2 MW: 402.38 MOLFM: C20-H18-O9
SYN: 1-(beta-D-GLUCOPYRANOSYLOXY)-4-HYDROXY-9,10-ANTHRACENEDIONE * QUINIZARIN MONOGLUCOSIDE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 66,9,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BEST COPY AVAILABLE

CB0533400 9,10-ANTHRACENEDIONE, 1-(beta-D-GLUCOPYRANOSYLOXY)-8-HYDROXY-
UPDT:8407 CAS: 53797-18-5 MW: 402.38 MOLFM: C20-H18-O9
SYN: CHRYSAZIN 1-GLUCOSIDE * CHRYSAZIN MONOGLUCOSIDE * DANTHRAN GLUCOSIDE * 1-(beta-D-GLUCOPYRANOSYLOXY)-8-HYDROXY-9,10-ANTHRACENEDIONE
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 66,9,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CB0533600 9,10-ANTHRACENEDIONE, 2-(beta-D-GLUCOPYRANOSYLOXY)-1-HYDROXY-
UPDT:8407 MW: 402.38 MOLFM: C20-H18-O9
SYN: 2-ALIZARIN beta-D-GLUCOSIDE * 1,2-DIHYDROXY-9,10-ANTHRAQUINONE 2-O-beta-D-GLUCOPYRANOSIDE * 2-(beta-D-GLUCOPYRANOSYLOXY)-1-HYDROXY-9,10-ANTHRACENEDIONE
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 66,9,79

9,10-ANTHRACENEDIONE, 2-HYDROXY- (9CI) see: CB7179000

CB0534500 9,10-ANTHRACENEDIONE, 1-HYDROXY-2-(HYDROXYMETHYL)-3-((6-O-beta-D-XYLOPYRANOSYL-alpha-D- GLUCOPYRANOSYL)OXY)-
UPDT:8407 CAS: 37393-11-6 MW: 564.54 MOLFM: C26-H28-O14
SYN: LUCIDIN-3-O-PRIMVEROSIDE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate MUREAV 66,9,79
mma-sat 100 ug/plate MUREAV 66,9,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CB0534600 9,10-ANTHRACENEDIONE, 1-HYDROXY-2-(beta-D-TETRAACETYLGLUCOPYRANOSYLOXY)-
UPDT:8407 CAS: 60197-67-3 MW: 570.54 MOLFM: C28-H26-O13
SYN: 2-ALIZARIN GLUCOSIDE-TETRAACETATE * 1,2-DIHYDROXY-9,10-ANTHRAQUINONE 2-O-beta-D-TETRAACETYLGLUCOPYRANOSIDE * 1-HYDROXY-2-(beta-D-TETRAACETYLGLUCOPYRANOSYLOXY)-9,10-ANTHRACENEDIONE
MUTATION DATA AND REFERENCES:
mmo-sat 250 ug/plate MUREAV 66,9,79
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CB0534700 9,10-ANTHRACENEDIONE, 1-HYDROXY-4-(beta-D-TETRAACETYLGLUCOPYRANOSYLOXY)-
UPDT:8407 CAS: 69657-90-5 MW: 570.54 MOLFM: C28-H26-O13
SYN: 1-HYDROXY 4-(beta-D-TETRAACETYLGLUCOPYRANOSYLOXY) 9,10-ANTHRACENEDIONE * QUINIZARIN MONOGLUCOSIDE TETRAACETATE
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 66,9,79
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CB0534800 9,10-ANTHRACENEDIONE, 8-HYDROXY-1-(beta-D-TETRAACETYLGLUCOPYRANOSYLOXY)-
UPDT:8407 CAS: 60197-68-4 MW: 570.54 MOLFM: C28-H26-O13
SYN: CHRYSAZINE MONOGLUCOSIDE TETRAACETATE * CHRYSAZIN-1-GLUCOSIDE TETRAACETATE * 8-HYDROXY-1-(beta-D-TETRAACETYLGLUCOPYRANOSYLOXY)-9,10-ANTHRACENEDIONE
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 66,9,79
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

9,10-ANTHRACENEDIONE, 1,1'-IMINOBIS- see: CB7780000

9,10-ANTHRACENEDIONE, 2-METHYL-1-NITRO- (9CI) see: CB7920000

CB0540000 9,10-ANTHRACENEDIONE, 1,4,5,8-TETRAAMINO-
UPDT:8412 CAS: 2475-45-8 MW: 268.30 MOLFM: C14-H12-N4-O2
SYN: ACETATE BLUE G * ACETOQUINONE BLUE L * ACETOQUINONE BLUE R * ACETYLON FAST BLUE G * AMACEL BLUE GG * AMACEL PURE BLUE B * ANTHRAQUINONE 1,4,5,8-TETRAMINO- * ARTISIL BLUE SAP * ARTISIL BLUE SAP CONC * BRASILAZET BLUE GR * CELANTHRENE PURE BLUE BRS * CELLITON BLUE BB-CF * CELLITON BLUE EXTRA * CELLITON BLUE G * CELLITON BLUE GA-CF * CIBACET SAPPHIRE BLUE G * C.I. 64500 * C.I. DISPERSE BLUE 1 * C.I. SOLVENT BLUE 18 * CILLA BLUE EXTRA * DIACELLITON FAST BLUE R * DISPERSE BLUE 1 * DISPERSE BLUE NO. 1 * DURANOL BRILLIANT BLUE CB * FENACET BLUE G * GRASOL BLUE 2GS * KAYALON FAST BLUE BR * MICROSETILE BLUE EB * MIKETON FAST BLUE * MIKETON FAST BLUE B * NACELAN BLUE G * NCI-C54900 * NEOSETILE BLUE EB * NYLOQUINONE BLUE 2B * ORACET SAPPHIRE BLUE G * PERLITON BLUE B * SERINYL BLUE 2G * SERINYL BLUE 3G * SERINYL BLUE 3GM * SETACYL BLUE 2GS * SETACYL BLUE 2GS II * SUPRACET BRILLIANT BLUE 2GN * SUPRACET DEEP BLUE R * 1,4,5,8-TETRAAMINOANTHRAQUINONE * 1,4,5,8-TETRAMINOANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 40,203,76
mma-sat 100 ug/plate MUREAV 40,203,76
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

9,10-ANTHRACENEDIONE, 1,4,5,8-TETRAHYDROXY-2-METHYL- (9CI) see: CB8079000

9,10-ANTHRACENEDIONE, 1,3,8-TRIHYDROXY-6-METHYL- (9CI) see: CB7920600

CB0680000 ANTHRACENE, 2-METHYL-
UPDT:8306 CAS: 613-12-7 MW: 192.27 MOLFM: C15-H12
SYN: 2-METHYLANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 80 umol/L/2H CNREA8 39,4152,79
msc-hmn:lym 60 umol/L DTESD7 10,277,82

CB0700000 ANTHRACENE, 9-METHYL-
UPDT:8401 CAS: 779-02-2 MW: 192.27 MOLFM: C15-H12
SYN: 9-METHYLANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 75 umol/L/2H CNREA8 39,4152,79
dnd-esc 10 umol/L PNCCA2 5,39,65
msc-hmn:lym 9 umol/L DTESD7 10,277,82
dnd-mam:lym 100 umol BIPMAA 9,689,70
TUMORIGENIC DATA AND REFERENCES:
3V03J60P62 ipr-mus TDLo:11 mg/kg CANCAR 14,308,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB0703000 9-ANTHRACENEMETHYLAMINE, N-(2-CHLOROETHYL)-N-ETHYL-, HYDROCHLORIDE
UPDT:8303 MW: 334.31 MOLFM: C19-H20-Cl-N Cl-H
SYN: 9-((2-CHLOROETHYL)ETHYLAMINOMETHYL)ANTHRACENE HYDROCHLORIDE * N-(2-CHLOROETHYL)-N-ETHYL-9-ANTHRACENEMETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1050 mg/kg AIPTAK 108,102,56
* ivn-mus LD50:125 mg/kg AIPTAK 108,102,56

CB0770000 delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL-
UPDT:8408 CAS: 5118-29-6 MW: 291.47 MOLFM: C21-H25-N
SYN: ADAPTOL * 9-(3-DIMETILAMINOPROPYLIDEN)-10,10-DIMETIL-9,10-DIDROANTRACENE (Italian) * DIXERAN * MELITRACEN * MELITRACENE * N 7001 * 1-PROPANAMINE, 3-(10,10-DIMETHYL-9(10H)-ANTHRACENYLIDENE)-N,N-DIMETHYL- (9CI) * N,N,10,10-TETRAMETHYL-delta(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE * THYMEQL * TRAUSABUM * TRAUSABUN * U-24973
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:170 mg/kg FRPPAO 25,519,70
* ipr-rat LD50:96 mg/kg FRPPAO 25,519,70
* orl-mus LD50:315 mg/kg FRPPAO 25,519,70
* ipr-mus LD50:131 mg/kg FRPPAO 25,519,70
* ivn-mus LD50:52 mg/kg FRPPAO 25,519,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB0875000 delta(sup 9(10H)),gamma-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL-, HYDROCHLORIDE
UPDT:8403 CAS: 10563-70-9 MW: 327.93 MOLFM: C21-H25-N Cl-H
SYN: 9-(3-DIMETHYLAMINOPROPYLIDENE)-10,10-DIMETHYL-9,10-DIHYDROANTHRACENE HYDROCHLORIDE * DIXERAN * MELITRACENE HYDROCHLORIDE * MELITRACEN HYDROCHLORIDE * 1-PROPANAMINE, 3-(10,10-DIMETHYL-9(10H)-ANTHRACENYLIDENE)-N,N-DIMETHYL-, HYDROCHLORIDE (9CI) * N,N,10,10-TETRAMETHYL-d-lta(sup 9(10H)),gamma-ANTHRACENEPROPYLAMINE HYDROCHLORIDE * TRAUSABUN * U-24973A
TOXICITY DATA AND REFERENCES:
orl-rat LD50:170 mg/kg 27ZQAG -,80,72
ipr-rat LD50:96 mg/kg 27ZQAG -,80,72
scu-rat LD50:760 mg/kg OYYAA2 3,390,69
orl-mus LD50:315 mg/kg 27ZQAG -,80,72
ipr-mus LD50:131 mg/kg 27ZQAG -,80,72
scu-mus LD50:275 mg/kg OYYAA2 3,390,69
ivn-mus LD50:52 mg/kg APTOA6 24,121,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB1050000 2-ANTHRACENESULFONIC ACID, 1-AMINO-9,10-DIHYDRO-4-(m-((2-HYDROXYETHYL)SULFONYL)ANILINO- 9,10-DIOXO-, HYDROGEN SULFATE (ester), DISODIUM SALT
UPDT:8401 CAS: 2580-78-1 MW: 626.56 MOLFM: C22-H16-N2-O11-S3 2Na
SYN: CAVALITE BRILLIANT BLUE R * C.I. 61200 * C.I. REACTIVE BLUE 19 * C.I. REACTIVE BLUE 19, DISODIUM SALT * REACTIVE BLUE 19 * REMALAN BRILLIANT BLUE R * REMAZOL BRILLIANT BLUE R
TUMORIGENIC DATA AND REFERENCES:
3V03L60R60 orl-rat TDLo:87 gm/kg/2Y-I TKORAS 3,53,67
3V03L60R60 scu-mus TDLo:47 gm/kg/39W-I TKORAS 3,53,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB1095200 2-ANTHRACENESULFONIC ACID, 9,10-DIHYDRO-1,4-DIHYDROXY-9,10-DIOXO-
UPDT:8407 CAS: 145-48-2 MW: 320.28 MOLFM: C14-H8-O7-S
SYN: C.I. 58055 * C.I. PIGMENT VIOLET 5 * 9,10-DIHYDRO-1,4-DIHYDROXY-9,10-DIOXO-2-ANTHRACENESULFONIC ACID * 1,4-DIHYDROXY-2-SULFONATO-9,10-ANTHRAQUINONE * HELIO FAST RUBINE 4BLA * MOROCCO MAROON X-1550 * QUINIZARIN-2-SULFONATE * QUINIZARIN-3-SULFONIC ACID * 2-QUINIZARINSULFONIC ACID * RUFIANIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 66,9,79
mma-sat 500 ug/plate MUREAV 66,9,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CB1220000 1,2,10-ANTHRACENETRIOL
UPDT:8405 CAS: 577-33-3 MW: 226.24 MOLFM: C14-H10-O3
SYN: ANTHRAROBIN * 1,2,10-ANTHRATRIOL * DESOXYALIZARIN * 3,4-DIHYDROXYANTHRANOL * LEUCOALIZARIN
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate BCSTB5 5,1489,77
mma-sat 100 ug/plate BCSTB5 5,1489,77

CB1225000 1,8,9-ANTHRACENETRIOL
UPDT:8405 CAS: 480-22-8 MW: 226.24 MOLFM: C14-H10-O3
SYN: ANTHRA-DERM * ANTHRALIN * 1,8,9-ANTHRATRIOL * ANTRADERM * BATIDROL * CHRYSODERMOL * CIGNOLIN * CIGTHRANOL * CYGNOLIN * DERMALINE * DEROBIN * 1,8-DIHYDROXY-9(10H)-ANTHRACENONE * DIHYDROXY ANTHRANOL * 1,8-DIHYDROXYANTHRANOL * 1,8-DIHYDROXY-9-ANTHRANOL * 1,8-DIHYDROXYANTHRONE * 1,8-DIHYDROXY-9-ANTHRONE * DIOXYANTHRANOL * DITHRANOL * DITHROCREAM * LASAN * PSORADRATE * PSORIACIDE * PSORIACID-STIFT * 1,8,9-TRIHYDROXYANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate BCSTB5 5,1489,77
mma-sat 100 ug/plate BCSTB5 5,1489,77
dnr-esc 250 ug/plate JJINDB 62,873,79
mmo-smc 165 nmol/L ADVEA4 51,45,71
cyt-smc 500 ug/L NATUAS 294,263,81
dni-hmn:fbr 10 umol/L CNREA8 35,1392,75
oms-hmn-skn 2500 ppm 26UYA8 -,335,71
otr-rat:emb 6500 ng/L JJINDB 67,1303,81
oms-mus-skn 96 ug/kg 26UYA8 -,335,71
cyt-ham:fbr 100 ug/L CRNGDP 3,499,82
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:509 mg/kg/53W-I JMCMAR 21,26,78
2V03R60 skn-mus TD :73 mg/kg/11W-I GANNA2 59,187,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ZKKOBW 78,99,72
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 13,75,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB1300000 1,7,8-ANTHRACENETRIOL, 9-ACETYL-
UPDT:8401 CAS: 73637-16-8 MW: 267.27 MOLFM: C16-H11-O4
SYN: 10-ACETYLANTHRALIN * 9-ACETYL-1,7,8-ANTHRACENETRIOL * 10-ACETYL-1,8,9-ANTHRACENETRIOL * 1,8-DIHYDROXY-10-ACETYL-9-ANTHRONE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:32 mg/kg/53W-I JMCMAR 21,26,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB1405000 1,7,8-ANTHRACENETRIOL, 9-MYRISTOYL-
UPDT:8401 MW: 436.64 MOLFM: C28-H36-O4
SYN: 1,8-DIHYDROXY-10-MYRISTOYL-9-ANTHRONE * 9-MYRISTOYL-1,7,8-ANTHRACENETRIOL * 10-MYRISTOYL-1,8,9-ANTHRACENETRIOL
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:2621 mg/kg/73W-I JMCMAR 21,26,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-(2-ANTHRACENYL)ACETAMIDE see: AB4542050

5-(9-ANTHRACENYL)-3-METHOXY-as-TRIAZINE see: XY3235000

5-(9-ANTHRACENYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY3235500

ANTHRACIN see: CA9350000

2-ANTHRACYLAMINE see: CA9275000

10-ANTHRACYLAMINE see: CB2279000

ANTHRA-DERM see: CB1225000

ANTHRADIONE see: CB4725000

CB1750000 ANTHRA(2,3-b)FURO(3,2-d)FURAN-5,10-DIONE, 3a,12a-DIHYDRO-4,6,8-TRIHYDROXY-, Z-(-)-
UPDT:8411 CAS: 6807-96-1 MW: 338.28 MOLFM: C18-H10-O7
SYN: Z-(-)-4,6,8-TRIHYDROXY-3a,12a-DIHYDROANTHRA(2,3-b)FURO(3,2-d)FURAN-5,10-DIONE * VERSICOLORIN A
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate ENMUDM 4,19,82

BEST COPY AVAILABLE

mma-sat 800 ng/plate MUREAV 44,447,77
dnd-mus:lvr 5 umol/L CNREA8 44,2918,84

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg 85GDA2 3,189,80

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CB1755000 ANTHRA(2,3-b)FURO(3,2-d)FURAN-5,10-DIONE, 2,3,3a,12a-TETRAHYDRO-4,6,8-TRIHYDROXY-, cis-(-)-
UPDT:8411 CAS: 4331-22-0

MUTATION DATA AND REFERENCES:
dns-mus:lvr 50 umol/L CNREA8 44,2918,84

ANTHRAGALLIC ACID see: CB8198000
ANTHRAGALLOL see: CB8198000
ANTHRALAN YELLOW RRT see: DB5042500
ANTHRALIN see: CB1225000
1-ANTHRAMINE see: CA9100000
2-ANTHRAMINE see: CA9275000

CB2279000 9-ANTHRAMINE
UPDT:8403 CAS: 779-03-3 MW: 193.26 MOLFM: C14-H11-N
SYN: 5-AMINOANTHRACENE * 9-AMINOANTHRACENE * 9-ANTHRACENAMINE * 10-ANTHRACYLAMINE

MUTATION DATA AND REFERENCES:
mma-sat 25 ug/plate JJIND8 71,293,83

ANTHRAMYCIN see: UY8429000

CB2450000 ANTHRANILIC ACID
UPDT:8412 CAS: 118-92-3 MW: 137.15 MOLFM: C7-H7-N-O2
SYN: AA * o-AMINOBENZOIC ACID * 2-AMINOBENZOIC ACID * 1-AMINO-2-CARBOXYBENZENE * o-CARBOXYANILINE * 2-CARBOXYANILINE * CARBOXYANILINE * NCI-C01730 * ORTHO-AMIDOBENZOIC ACID * ORTHO-AMINOBENZOIC ACID * VITAMIN L

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:34800 mg/kg (8D male/21D pre) MPHEAE 15,7,66

TUMORIGENIC DATA AND REFERENCES:
2V03M60 orl-rat TDLo:16 gm/kg/25W-C APMIAL 26,447,49
3V03J61L60 scu-mus TDLo:1345 mg/kg/21D-I JCROD7 96,163,80
3V03T65L60 scu-mus TDLo:2040 mg/kg (13-17D preg) JCROD7 96,163,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4549 mg/kg MarJV# 29MAR77
ipr-mus LD50:2500 mg/kg RPTOAN 37,105,74
* unk-mam LD50:6310 mg/kg GISAAA 48(6),22,83

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC^* 16,265,78

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE,RAT (NCITR* NCI-CG-TR-36,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB2455000 ANTHRANILIC ACID, N-ACETYL-
UPDT:8403 CAS: 89-52-1 MW: 179.19 MOLFM: C9-H9-N-O3
SYN: o-ACETAMIDOBENZOIC ACID * 2-ACETAMIDOBENZOIC ACID * o-ACETOAMINOBENZOIC ACID * N-ACETYLANTHRANILIC ACID * 2-(ACETYLAMINO)BENZOIC ACID * ACETYLANTHRANILIC ACID * N-ACETYLANTHRANILIC ACID * BENZOIC ACID, 2-(ACETYLAMINO)- (9CI) * 2-CARBOXYACETANILIDE

TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1114 mg/kg FRPSAX 38,847,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CB2456000 ANTHRANILIC ACID, N-ACETYL-3,5-DIIODO-
UPDT:8405 CAS: 19094-52-1 MW: 430.97 MOLFM: C9-H7-I2-N-O3
SYN: 2-ACETYLAMINO-3,5-DIIODOBENZOIC ACID * N-ACETYL-3,5-DIIODOANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:1530 mg/kg JAPMA8 42,721,53

CB2457000 ANTHRANILIC ACID, N-ACETYL-N-(1-(DIMETHYLCARBAMOYL)ETHYL)-, ETHYL ESTER
UPDT:8410 MW: 306.40 MOLFM: C16-H22-N2-O4

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:520 mg/kg YKKZAJ 81,659,61

CB2458000 ANTHRANILIC ACID, N-ACETYL-N-(DIMETHYLCARBAMOYLMETHYL)-, ETHYL ESTER
UPDT:8410 MW: 292.37 MOLFM: C15-H20-N2-O4

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:910 mg/kg YKKZAJ 81,659,61

CB2535000 ANTHRANILIC ACID, N-(4-AMINO-3,5-DIIODOBENZOYL)-
UPDT:8405 MW: 508.06 MOLFM: C14-H10-I2-N2-O3
SYN: N-(4-AMINO-3,5-DIIODOBENZOYL)ANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMA8 43,495,54

CB2547000 ANTHRANILIC ACID, N-BENZOYL-3,5-DIIODO-
UPDT:8405 MW: 493.04 MOLFM: C14-H9-I2-N-O3
SYN: 2-BENZOYLAMINO-3,5-DIIODOBENZOIC ACID * N-BENZOYL-3,5-DIIODOANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:360 mg/kg JAPMA8 42,721,53

CB2557000 ANTHRANILIC ACID, N-(2-BENZYLIDENEHEPTYLIDENE)-, METHYL ESTER
UPDT:8305 CAS: 68527-78-6 MW: 335.48 MOLFM: C22-H25-N-O2
SYN: AMYL CINNAMYLIDENE METHYL ANTHRANILATE * METHYL N-(beta-PENTYLCINNAMYLIDENE)ANTHRANILATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCT*AV 16,645,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CB2557100 ANTHRANILIC ACID, N-(p-(BENZOYLOXY)BENZYLIDENE)-
UPDT:8405 MW: 331.39 MOLFM: C21-H17-N-O3
SYN: N-(p-(BENZOYLOXY)BENZYLIDENE)ANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:
3F17F18H02 ipr-mus LD50:700 mg/kg ARPMAS 312,721,79

CB2559100 ANTHRANILIC ACID, N-BUTYL-
UPDT:8403 CAS: 17781-86-1 MW: 193.27 MOLFM: C11-H15-N-O2
SYN: N-BUTYLANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:531 mg/kg FRPSAX 38,847,83

CB2559200 ANTHRANILIC ACID, N-(3-(p-tert-BUTYLPHENYL)-2-METHYLPROPYLIDENE)-, METHYL ESTER
UPDT:8401 CAS: 91-51-0 MW: 337.50 MOLFM: C22-H27-N-O2
SYN: BENZOIC ACID, 2-((3-(4-(1,1-DIMETHYLETHYL)PHENYL)-2-METHYLPROPYLIDENE)AMINO)-, METHYL ESTER * LILIAL-METHYLANTHRANILATE Schiff's base * METHYL-N-(p-tert-BUTYL alpha-METHYLHYDROCINNAMYLIDENE) ANTHRANILATE * VERDANTIOL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),729,82

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3 gm/kg FCTOD7 20(Suppl),729,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CB2559300 ANTHRANILIC ACID, N-BUTYRYL-3,5-DIIODO-
UPDT:8405 MW: 459.03 MOLFM: C11-H11-I2-N-O3
SYN: 2-BUTYRYLAMINO-3,5-DIIODOBENZOIC ACID * N-BUTYRYL-3,5-DIIODOANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:560 mg/kg JAPMA8 42,721,53

ANTHRANILIC ACID, 6-CARBOXY-, 1-ISOBUTYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE see: TH9726000
ANTHRANILIC ACID, 6-CARBOXY-, 1-ISOPROPYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE see: TH9729000
ANTHRANILIC ACID, 6-CARBOXY-, 1-METHYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE see: TH9730000
ANTHRANILIC ACID, 6-CARBOXY-, 1-PROPYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE see: TH9738000

CB2625000 ANTHRANILIC ACID, 4-CHLORO-N-FURFURYL-5-SULFAMOYL-
UPDT:8412 CAS: 54-31-9 MW: 330.76 MOLFM: C12-H11-Cl-N2-O5-S
SYN: AISEMIDE * ALUZINE * 5-(AMINOSULFONYL)-4-CHLORO-2-((2-FURANYLMETHYL)AMINO)BENZOIC ACID * BENZOIC ACID, 5-(AMINOSULFONYL)-4-CHLORO-2-((2-FURANYLMETHYL)AMINO)- (9CI) * BERONALD * CHLOR-N-(2-FURYLMETHYL)-5-SULFAMYLANTHRANILSAEURE (German) * 4-CHLORO-N-FURFURYL-5-SULFAMOYLANTHRANILIC ACID * 4-CHLORO-N-(2-FURYLMETHYL)-5-SULFAMOYLANTHRANILIC ACID * DESDEMIN * DIURAL * DRYPTAL * ERROLON * EUTENSIN * FRUSEMIDE * FRUSEMIN * FRUSID * FULSIX * FULUVAMIDE * FURANTHRIL * FURANTHRYL * FURANTRIL * FURESIS * FUROSEDON * FUROSEMID * FUROSEMIDE * FUROSEMIDE MITA * FURSEMID * FURSEMIDE * FUSID * HYDRO-RAPID * KATLEX * LASEX * LASILIX * LASIX * LB 502 * LOWPSTRON * MACASIROOL * NICOROL * NCI-C55936 * PREFEMIN * PROFEMIN * RADONNA * ROSEMIDE * SALIX * SEGURIL * TRANSIT * TROFURIT * UREX * UROSEMIDE

MUTATION DATA AND REFERENCES:
cyt-hmn:leu 200 mg/L/24H MUREAV 66,69,79
cyt-mus-ipr 312 ug/kg IJMRAQ 66,104,77
cyt-ham:lng 1 gm/L ARTODN (Suppl 4),41,80
cyt-ham:fbr 2 gm/L ESKHA5 96,55,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 unk-rat TDLo:1800 mg/kg (6-17D preg) TXAPA9 60,142,81
1T01 ipr-mus TDLo:1560 ug/kg (1D male) IJMRAQ 66,104,77

TOXICITY DATA AND REFERENCES:
3D40D41M11 ivn-man TDLo:29 mg/kg NEJMAG 282,1413,70
orl-rat LD50:2600 mg/kg TXAPA9 18,185,71
* ipr-rat LD50:910 mg/kg PHMGBN 21,256,80
* ivn-rat LD50:800 mg/kg NIIRDN 6,725,82
orl-mus LD50:4600 mg/kg ARZNAD 14,44,64
ivn-mus LD50:308 mg/kg ARZNAD 14,44,64
1M10 unk-mus LD50:900 mg/kg EJMCA5 15,386,80
* orl-dog LD50:2000 mg/kg NIIRDN 6,725,82
* orl-rbt LD50:800 mg/kg NIIRDN 6,725,82
* ivn-rbt LD50:400 mg/kg NIIRDN 6,725,82

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB2687000 ANTHRANILIC ACID, N-(7-CHLORO-4-QUINOLYL)-, 2,3-DIHYDROXYPROPYL ESTER
UPDT:8403 CAS: 3820-67-5 MW: 372.83 MOLFM: C19-H17-Cl-N2-O4
SYN: ALICIDON * BENZOIC ACID, 2-((7-CHLORO-4-QUINOLINYL)AMINO)-, 2,3-DIHYDROXYPROPYL ESTER * DOLOMATE * GLAFENIN * GLAFENINE * GLAPHENIN * GLAPHENINE * GLICAFAN * GLIFAN * GLIFANAN * GILFANAR * GLYCERYLAMINOPHENAQUINE * R 1707

TOXICITY DATA AND REFERENCES:
3F07K12M03 orl-rat LD50:2300 mg/kg THERAP 34,377,79
1F29 orl-mus LD50:1486 mg/kg FRPSAX 38,847,83

CB2687500 ANTHRANILIC ACID, N-(3-CHLORO-o-TOLYL)-
UPDT:8408 CAS: 13710-19-5 MW: 261.72 MOLFM: C14-H12-Cl-N-O2
SYN: BENZOIC ACID, 2-((3-CHLORO-2-METHYLPHENYL)AMINO)- (9CI) * N-(3-CHLORO-2-METHYLPHENYL)ANTHRANILIC ACID * N-(3-CHLORO-o-TOLYL)-ANTHRANILIC ACID * GEA 6414 * N-(2-METHYL-3-CHLOROPHENYL)ANTHRANILIC ACID * TOLFENAMIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 orl-rat TDLo:1 mg/kg (21D preg) OYYAA2 27,117,84

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:260 mg/kg IYKEDH 14,838,83
* ipr-rat LD50:240 mg/kg IYKEDH 14,838,83
* scu-rat LD50:246 mg/kg IYKEDH 14,838,83
* orl-mus LD50:280 mg/kg IYKEDH 14,838,83
* ipr-mus LD50:185 mg/kg IYKEDH 14,838,83
* scu-mus LD50:267 mg/kg IYKEDH 14,838,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB2725000 ANTHRANILIC ACID, CINNAMYL ESTER
UPDT:8412 CAS: 87-29-6 MW: 253.32 MOLFM: C16-H15-N-O2
SYN: 2-AMINOBENZOIC ACID 3-PHENYL-2-PROPENYL ESTER * BENZOIC ACID, 2-AMINO-, 3-PHENYL-2-PROPENYL ESTER * CINNAMYL ALCOHOL ANTHRANILATE * CINNAMYL 2-AMINOBENZOATE * CINNAMYL o-AMINOBENZOATE * CINNAMYL ANTHRANILATE * NCI-C03510 * 3-PHENYL-2-PROPENYLANTHRANILATE * 3-PHENYL-2-PROPEN-1-YL ANTHRANILATE

TUMORIGENIC DATA AND REFERENCES:
3V01K60M61 orl-rat TDLo:546 gm/kg/2Y-C NCITR* NCI-CG-TR-196,80
2V01L60 orl-mus TDLo:1310 gm/kg/2Y-C NCITR* NCI-CG-TR-196,80
2V02J60 ipr-mus TDLo:12 gm/kg/8W-I CNREA8 33,3069,73
2V01L60 orl-mus TD :2621 gm/kg/2Y-C NCITR* NCI-CG-TR-196,80
3V01K60M61 orl-rat TD :1092 gm/kg/2Y-C NCITR* NCI-CG-TR-196,80

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg FCTXAV 13,751,75
* skn-rbt LD50:5000 mg/kg FCTXAV 13,751,75

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC^* 31,133,83
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC^* 16,287,78

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-196,80)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB2730000 ANTHRANILIC ACID, N-CINNAMYLIDENE-, METHYL ESTER
UPDT:8305 MW: 265.33 MOLFM: C17-H15-N-O2
SYN: CINNAMIC ALDEHYDE METHYLANTHRANILATE Schiff's base

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 20(Suppl),649,82

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2800 mg/kg FCTOD7 20(Suppl),649,82

CB2900000 ANTHRANILIC ACID, N-(2,6-DICHLORO-m-TOLYL)-
UPDT:8407 CAS: 644-62-2 MW: 296.16 MOLFM: C14-H11-Cl2-N-O2
SYN: ARQUEL * BENZOIC ACID, 2-((2,6-DICHLORO-3-METHYLPHENYL)AMINO)- (9CI) * 2-((2,6-DICHLORO-3-METHYLPHENYL)AMINO)BENZOIC ACID * N-(2,6-DICHLORO-m-TOLYL)ANTHRANILIC ACID * INF 4668 * MECLOFENAMIC ACID * MECLOPHENAMIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 iut-mus TDLo:239 ng/kg (4D pre) JRPFA4 63,365,81
1T29 orl-rbt TDLo:200 mg/kg (1D pre) FESTAS 38,238,82
2T22T24 ims-rbt TDLo:2750 ug/kg (1-3D preg) BIREBV 14,451,76

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

1T16 orl-pig TDLo:15 mg/kg (16W preg) JRPFA4 65,157,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB2975100 ANTHRANILIC ACID, N-(2,6-DICHLORO-m-TOLYL)-, ETHOXYMETHYL ESTER
UPDT:8403 CAS: 29098-15-5 MW: 354.25 MOLFM: C17-H17-Cl2-N-O3
SYN: BENZOIC ACID, 2-((2,6-DICHLORO-3-METHYLPHENYL)AMINO)-, ETHOXYMETHYL ESTER (9CI) * 2-((2,6-DICHLORO-3-METHYLPHENYL)AMINO)BENZOIC ACID ETHOXYMETHYL ESTER * N-(2,6-DICHLORO-m-TOLYL)ANTHRANILIC ACID ETHOXYMETHYL ESTER * ESTERE ETOSSIMETILICO dell ACIDO N-(2,6-DICLORO-m-TOLIL)ANTRANILICO (Italian) * ETHOXYMETHYL N-(2,6-DICHLORO-m-TOLYL)ANTHRANILATE * ETOCLOFENE * ETOFEN * TEROFENAMATE

TOXICITY DATA AND REFERENCES:
1J21 orl-rat LD50:307 mg/kg BCFAAI 115,41,76
1J21 ipr-rat LD50:274 mg/kg BCFAAI 115,41,76
orl-mus LD50:918 mg/kg DRFUD4 1,421,76
ipr-mus LD50:300 mg/kg DRF*_94 1,421,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB2978500 ANTHRANILIC ACID, N-(alpha-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)BENZYL)-, MONOHYDROCHLORIDE
UPDT:8303 MW: 405.97 MOLFM: C21-H27-N3-O3 Cl-H
SYN: N-(alpha-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)BENZYL)ANTHRANILIC ACID MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F17 orl-mam LD50:2000 mg/kg FRPSAX 37,678,82

CB2999300 ANTHRANILIC ACID, 3,5-DIIODO-
UPDT:8405 CAS: 609-86-9 MW: 388.93 MOLFM: C7-H5-I2-N-O2
SYN: 2-AMINO-3,5-DIIODOBENZOIC ACID * BENZOIC ACID, 2-AMINO-3,5-DIIODO- (9CI) * 3,5-DIIODOANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:180 mg/kg JAPMA8 42,721,53

CB2999400 ANTHRANILIC ACID, N-(3,5-DIIODOBENZENESULFONYL)-
UPDT:8405 MW: 529.09 MOLFM: C13-H9-I2-N-O4-S
SYN: N-(3,5-DIIODOBENZENESULFONYL)ANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2180 mg/kg JAPMA8 43,495,54

CB2999500 ANTHRANILIC ACID, 3,5-DIIODO-N-HEXANOYL-
UPDT:8405 MW: 487.09 MOLFM: C13-H13-I2-N-O3
SYN: 2-(n-CAPROYLAMINO)-3,5-DIIODOBENZOIC ACID * 3,5-DIIODO-N-HEXANOYLANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:365 mg/kg JAPMA8 42,721,53

CB2999550 ANTHRANILIC ACID, N-(3,5-DIIODO-4-HYDROXYBENZENESULFONYL)-
UPDT:8405 MW: 545.09 MOLFM: C13-H9-I2-N-O5-S
SYN: N-(3,5-DIIODO-4-HYDROXYBENZENESULFONYL)ANTHRANILIC ACID * N-(4-HYDROXY-3,5-DIIODOBENZENESULFONYL)ANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5600 mg/kg JAPMA8 43,495,54

CB2999570 ANTHRANILIC ACID, N-(3,5-DIIODO-4-HYDROXYBENZOYL)-
UPDT:8405 MW: 509.04 MOLFM: C14-H9-I2-N-O4
SYN: N-(3,5-DIIODO-4-HYDROXYBENZOYL)ANTHRANILIC ACID * N-(4-HYDROXY-3,5-DIIODOBENZOYL)ANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300^ mg/kg JAPMA8 43,495,54

CB2999610 ANTHRANILIC ACID, 3,5-DIIODO-N-(o-IODOBENZOYL)-
UPDT:8405 MW: 618.93 MOLFM: C14-H8-I3-N-O3
SYN: 3,5-DIIODO-N-(o-IODOBENZOYL)ANTHRANILIC ACID * 2-(o-IODOBENZOYLAMINO)-3,5-DIIODOBENZOIC ACID

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:575 mg/kg JAPMA8 42,721,53

CB2999700 ANTHRANILIC ACID, 3,5-DIIODO-N-2-PHENYLBUTYRYL-
UPDT:8405 MW: 535.13 MOLFM: C17-H15-I2-N-O3
SYN: 3,5-DIIODO-N-2-PHENYLBUTRYLANTHRANILIC ACID * 2-(alpha-PHENYLBUTYRAMINO)-3,5-DIIODOBENZOIC ACID

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:385 mg/kg JAPMA8 42,721,53

CB2999800 ANTHRANILIC ACID, N-(3,5-DIIODOSULFANILYL)-
UPDT:8405 MW: 544.11 MOLFM: C13-H10-I2-N2-O4-S
SYN: N-(3,5-DIIODOSULFANILYL)ANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:700 mg/kg JAPMA8 43,495,54

ANTHRANILIC ACID, N-(3,4-DIMETHOXYCINNAMOYL)- see: DG8731000

CB3010000 ANTHRANILIC ACID, N-(1-(DIMETHYLCARBAMOYL)ETHYL)-, ETHYL ESTER
UPDT:8410 MW: 264.36 MOLFM: C14-H20-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:430 mg/kg YKKZAJ 81,659,61

CB3020000 ANTHRANILIC ACID, N-(DIMETHYLCARBAMOYLMETHYL)-, ETHYL ESTER
UPDT:8410 MW: 250.33 MOLFM: C13-H18-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:810 mg/kg YKKZAJ 81,659,61

CB3030000 ANTHRANILIC ACID, N-(3,7-DIMETHYL-2,6-OCTADIENYLIDENE)-, METHYL ESTER
UPDT:8305 MW: 285.42 MOLFM: C18-H23-N-O2
SYN: CITRAL METHYLANTHRANILATE: Schiff's base

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),651,82

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3800 mg/kg FCTOD7 20(Suppl),651,82
* skn-rbt LD50:2500 mg/kg FCTOD7 20(Suppl),651,82

ANTHRANILIC ACID, 1,5-DIMETHYL-1-VINYL-4-HEXENYL ESTER see: CB3250000

CB3080000 ANTHRANILIC ACID, N-HEPTYLIDENE-
UPDT:8305 MW: 247.37 MOLFM: C15-H21-N-O2
SYN: HEPTALDEHYDE METHYLANTHRANILATE: Schiff's base * HEPTYLIDENE METHYL ANTHRANILATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),705,82

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2600 mg/kg FCTOD7 20(Suppl),705,82
* skn-rbt LD50:2500 mg/kg FCTOD7 20(Suppl),705,82

ANTHRANILIC ACID, 3-HYDROXY- see: DG2625000

CB3180000 ANTHRANILIC ACID, 3-HYDROXY-, METHYL ESTER
UPDT:8401 MW: 167.18 MOLFM: C8-H9-N-O3
SYN: METHYL 3-HYDROXYANTHRANILATE

TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-mus TDLo:80 mg/kg BJCAAI 11,212,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB3250000 ANTHRANILIC ACID, LINALYL ESTER
UPDT:8310 CAS: 7149-26-0 MW: 273.41 MOLFM: C17-H23-N-O2
SYN: ANTHRANILIC ACID, 1,5-DIMETHYL-1-VINYL-4-HEXENYL ESTER * 3,7-DIMETHYL-1,6-OCTADIEN-3-YL o-AMINOBENZOATE * 1,5-DIMETHYL-1-VINYL-4-HEXEN-1-YL o-AMINOBENZOATE * 4-HEXEN-1-OL, 1,5-DIMETHYL-1-VINYL-, o-AMINOBENZOATE * LINALYL o-AMINOBENZOATE * LINALYL ANTHRANILATE * 1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, o-AMINOBENZOATE * 1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, 2-AMINOBENZOATE (9CI)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4250 mg/kg FCTXAV 14,459,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CB3315000 ANTHRANILIC ACID, METHYLENEDI-, DIMETHYL ESTER
UPDT:8401 CAS: 34481-84-0 MW: 314.37 MOLFM: C17-H18-N2-O4
SYN: BENZOIC ACID, METHYLENEBIS(2-AMINO-, DIMETHYL ESTER (9CI) * MBMA * METHYLENEBIS(2-AMINO-BENZOIC ACID) DIMETHYL ESTER (9CI) * 4,4'-METHYLENEBIS(2-CARBOMETHOXYANILINE) * METHYLENE-BIS(METHYL ANTHRANILATE) * METHYLENEDIANTHRANILIC ACID DIMETHYL ESTER

TUMORIGENIC DATA AND REFERENCES:
3V01L60M61 orl-rat TDLo:490 gm/kg/78W-C JEPTDQ 1(3),199,78
3V03L60M61 orl-rat TD :410 gm/kg/78W-C JEPTDQ 1(3),199,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB3325000 ANTHRANILIC ACID, METHYL ESTER
UPDT:8403 CAS: 134-20-3 MW: 151.18 MOLFM: C8-H9-N-O2
SYN: o-AMINOBENZOIC ACID METHYL ESTER * 2-AMINOBENZOIC ACID METHYL ESTER * BENZOIC ACID, 2-AMINO-, METHYL ESTER (9CI) * o-CARBOMETHOXYANILINE * 2-CARBOMETHOXYANILINE * 2-(METHOXYCARBONYL)ANILINE * METHYL o-AMINOBENZOATE * METHYL 2-AMINOBENZOATE * METHYL ANTHRANILATE * NEROLI OIL, ARTIFICIAL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,935,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:34800 mg/kg (8D male/21D pre) MPHEAE 15,7,66

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:2250 mg/kg/8W-I CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:
2F07F24 orl-rat LD50:2910 mg/kg FCTXAV 2,327,64
1F07 orl-mus LD50:3900 mg/kg FCTXAV 2,327,64
3F07J22J26 orl-gpg LD50:2780 mg/kg FCTXAV 2,327,64

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB3500000 ANTHRANILIC ACID, N-METHYL-, METHYL ESTER
UPDT:8306 CAS: 85-91-6 MW: 165.21 MOLFM: C9-H11-N-O2
SYN: DIMETHYL ANTHRANILATE * 2-METHYLAMINO METHYL BENZOATE * N-METHYLANTHRANILIC ACID METHYL ESTER * METHYL METHYLAMINOBENZOATE * METHYL N-METHYL ANTHRANILATE * MMA

TOXICITY DATA AND REFERENCES:
3F01F17F29 orl-rat LDLo:3380 mg/kg FCTXAV 8,359,70
* ivn-mus LD50:180 mg/kg CSLNX* NX#07000

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CB3590000 ANTHRANILIC ACID, N-NICOTINOYL-
UPDT:8405 CAS: 6186-02-9 MW: 242.25 MOLFM: C13-H10-N2-O3
SYN: BENZOIC ACID, 2-((3-PYRIDINYLCARBONYL)AMINO)- (9CI) * N-(o-CARBOXYPHENYL)NICOTINAMIDE * NICOTINAMIDE, N-(o-CARBOXYPHENYL)- * o-NICOTINAMIDOBENZOIC ACID * N-NICOTINOYLANTHRANILIC ACID * 2-((3-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID

TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:600 mg/kg FAVUAI 9,17,77

CB3675000 ANTHRANILIC ACID, 4-NITRO-
UPDT:8412 CAS: 619-17-0 MW: 182.15 MOLFM: C7-H6-N2-O4
SYN: 2-AMINO-4-NITRO-BENZOIC ACID * BENZOIC ACID, 2-AMINO-4-NITRO- (9CI) * NCI-C01945 * 4-NITROANTHRANILIC ACID

MUTATION DATA AND REFERENCES:
mmo-sat 33 ug/plate NTPTB* APR 82
mma-sat 33 ug/plate NTPTB* APR 82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:640 mg/kg NCIMR* NIH-71-E-2144

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-109,78)
REPORTED IN EPA TSCA INVENTORY, 1983

CB3720000 ANTHRANILIC ACID, PHENETHYL ESTER
UPDT:8305 CAS: 137-18-6 MW: 241.31 MOLFM: C15-H15-N-O2
SYN: BENZOIC ACID, 2-AMINO-, 2-PHENYLETHYL ESTER * BENZYLCARBINYL ANTHRANILATE * beta-PHENETHYL o-AMINOBENZOATE * 2-PHENYLETHYL o-AMINOBENZOATE * PHENETHYL ANTHRANILATE * PHENYLETHYL ANTHRANILATE * 2-PHENYLETHYL ANTHRANILATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,831,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CB3723100 ANTHRANILIC ACID, N-(1-PHENETHYL-4-PIPERIDYL)-N-PROPIONYL-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 CAS: 69037-47-4 MW: 445.05 MOLFM: C25-H32-N2-O3-Cl-H
SYN: BENZOIC ACID, 2-((1-OXOPROPYL)(1-(2-PHENYLETHYL)-4-PIPERIDINYL)AMINO)-, ETHYL ESTER, HCl * N-(1-PHENETHYL-4-PIPERIDYL)-N-PROPIONYLANTHRANILIC ACID ETHYL ESTER HYDROCHLORIDE * N-(1-(beta-PHENYLAETH* L)-PIPERIDIN-4-YL)-N-PROPIONYLANTHRANILSAEUREAETHYLESTER HCl (German)

TOXICITY DATA AND REFERENCES:
1F29 scu-mus LD50:104 mg/kg ARPMAS 311,843,78

CB3723300 ANTHRANILIC ACID, N-(1-PHENETHYL-4-PIPERIDYL)-N-PROPIONYL-, METHYL ESTER, HYDROCHLORIDE, DIHYDRATE
UPDT:8406 CAS: 69037-46-3 MW: 467.06 MOLFM: C24-H30-N2-O3-Cl-H-2H2-O
SYN: N-(1-PHENETHYL-4-PIPERIDYL)-N-PROPIONYLANTHRANILIC ACID METHYL ESTER HCl DIHYDRATE * N-(1-(beta-PHENYLAETHYL)-PIPERIDIN-4-YL)-N-PROPIONYLANTHRANILSAEUREMETHYLESTER HCl DIHYDRATE

TOXICITY DATA AND REFERENCES:
1F29 scu-mus LD50:157 mg/kg ARPMAS 311,843,78

CB3723500 ANTHRANILIC ACID, N-(1-PHENETHYL-4-PIPERIDYL)-N-PROPIONYL-, PROPYL ESTER, HYDROCHLORIDE
UPDT:8406 CAS: 69037-48-5 MW: 459.08 MOLFM: C26-H34-N2-O3-Cl-H
SYN: BENZOIC ACID, 2-((1-OXOPROPYL)(1-(2-PHENYLETHYL)-4-PIPERIDINYL)AMINO)-, PROPYL ESTER, HCl * N-(1-PHENETHYL-4-PIPERIDYL)-N-PROPIONYLANTHRANILIC ACID PROPYL ESTER HYDROCHLORIDE * N-(1-(beta-PHENYLAETHYL)-PIPERIDIN-4-YL)-N-PROPIONYLANTHRANILSAEURE n-PROPYLESTER HCl

TOXICITY DATA AND REFERENCES:
1F29 scu-mus LD50:139 mg/kg ARPMAS 311,843,78

CB3900000 ANTHRANILIC ACID, 2-(2-PIPERIDYL)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 CAS: 6099-95-2 MW: 284.82 MOLFM: C14-H20-N2-O2-Cl-H
SYN: LUCAINE HYDROCHLORIDE * 2 PIPERIDINEETHANOL 2 AMINOBENZOATE ESTER, HYDROCHLORIDE (9CI) * PIRIDOCAINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:23 mg/kg MEIEDD 10,1081,83

CB4375000 ANTHRANILIC ACID, N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
UPDT:8412 CAS: 530-78-9 MW: 281.25 MOLFM: C14-H10-F3-N-O2
SYN: ACHLESS * ACIDO FLUFENAMICO (Italian) * ANSATIN * ANT 1 * BENZOIC ACID, 2-((3-(TRIFLUOROMETHYL)PHENYL)AMINO)- (9CI) * ARLEF * CI-440 * CN-27,554 * FLUFENAMIC ACID * FLUFENAMINSAURE (German) * FLUPHENAMIC ACID * FULESAFE * INF-1827 * MERALEN * NSC-82699 * PARAFLU * PARLEF * PARLIF * PLOSTENE * RISTOGEN * SASTRIDE * SURIKA * TECRAMINE * 3-TRIFLUOROMETHYLDIPHENYLAMINE-2-CARBOXYLIC ACID * N-(m-TRIFLUOROMETHYLPHENYL)-2-AMINOBENZOIC ACID * N-(3-TRIFLUOROMETHYLPHENYL)ANTHRANILIC ACID * N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ANTHRANILIC ACID

MUTATION DATA AND REFERENCES:
dni-hmn-unk 504 mg/kg 8W STBIBN 50,172,75

BEST COPY AVAILABLE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03	orl-rat TDLo:1350 mg/kg (90D male)	OYYAA2 8,1549,74
1T12	orl-rat TDLo:1350 mg/kg (90D pre)	OYYAA2 8,1549,74
1T02	orl-rat TDLo:3100 mg/kg (31D male)	OYYAA2 18,597,79
1T29	orl-rbt TDLo:1 gm/kg (1D pre)	FESTAS 38,238,82

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:249 mg/kg	AIPTAK 221,132,76
3F17F19J25	ipr-rat LD50:185 mg/kg	OYYAA2 16,1011,78
	ivn-rat LD50:98 mg/kg	CMROCX 4,17,76
3F17F19J25	orl-mus LD50:490 mg/kg	OYYAA2 16,1011,78
	ipr-mus LD50:150 mg/kg	NTIS** AD691-490
	ivn-mus LD50:158 mg/kg	YKKZAJ 89,1392,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANTHRANILIC ACID, N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-, BUTYL ESTER see: DH8511000

CB4400000 ANTHRANILIC ACID, N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-, 2-(2-HYDROXYETHOXY)ETHYL ESTER

UPDT:8403 CAS: 30544-47-9 MW: 369.37 MOLFM: C18-H18-F3-N-O4

SYN: B 577 * BAYROGEL * BENZOIC ACID, 2-((3-TRIFLUOROMETHYL)PHENYL)AMINO)-, 2-(2-HYDROXYETHOXY)ETHYL ESTER (9CI) * ETOFENAMATE * 2-(2-HYDROXYAETHOXY)AETHYLESTER der FLUTENAMINSAEURE (German) * 2-(2-HYDROXYETHOXY)ETHYL N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ANTHRANILATE * RHEUMON * RHEUMON GEL * TV 485 * TVR 485

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T16	scu-rat TDLo:220 mg/kg (7-17D preg)	IYKEDH 13,896,82
1T53	scu-rat TDLo:3640 mg/kg (10W male/2W pre-7D preg)	IYKEDH 13,886,82
1T75	scu-rat TDLo:480 mg/kg (17-22D preg)	IYKEDH 13,910,82
1T85	scu-rat TDLo:540 mg/kg (17-22D preg-21D post)	IYKEDH 13,910,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:292 mg/kg	ARZNAD 27,1333,77
	ipr-rat LD50:373 mg/kg	ARZNAD 27,1333,77
	scu-rat LD50:568 mg/kg	ARZNAD 27,1333,77
	ivn-rat LD50:140 mg/kg	ARZNAD 27,1333,77
	orl-mus LD50:743 mg/kg	ARZNAD 27,1333,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB4415000 ANTHRANILIC ACID, N-(3,4,5-TRIIODOBENZENESULFONYL)-

UPDT:8405 MW: 654.98 MOLFM: C13-H8-I3-N-O4-S

SYN: N-(3,4,5-TRIIODOBENZENESULFONYL)ANTHRANILIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:5000 mg/kg	JAPMAB 43,495,54

CB4550000 ANTHRANILIC ACID, N-(2,3-XYLYL)-

UPDT:8412 CAS: 61-68-7 MW: 241.31 MOLFM: C15-H15-N-O2

SYN: BAFHAMERITIN-M * BENZOIC ACID, 2-((2,3-DIMETHYLPHENYL)AMINO)- (9CI) * BONABOL * CI-473 * CL 473 * CN-35355 * COSLAN * 2-((2,3-DIMETHYLPHENYL)AMINO)BENZOIC ACID * N-(2,3-DIMETHYLPHENYL)ANTHRANILIC ACID * 2,DIPHENYLAMINECARBOXYLIC ACID, 2',3'-DIMETHYL- * INF 3355 * LYSALGO * MEFENAMIC ACID * MEPHENAMIC ACID * MEPHENAMINIC ACID * METHENAMIC ACID * NAMPHEN * PARKEMED * PONALAR * PONSTAN * PONSTEL * PONSTIL * PONSTYL * PONTAL * TANSTON * VIALIDON * N-(2,3-XYLYL)-2-AMINOBENZOIC ACID * N-(2,3-XYLYL)ANTHRANILIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-wmn TDLo:30 mg/kg (2D pre)	JRPMAP 28,592,83
1T47	orl-rbt TDLo:10 mg/kg (21D preg)	OYYAA2 27,117,84

TOXICITY DATA AND REFERENCES:

3F31R03U25	unk-wmn TDLo:120 mg/kg/4D	LANCAO 2,745,80
	orl-rat LD50:790 mg/kg	CMROCX 4,17,76
	ipr-rat LD50:327 mg/kg	TXAPA9 18,185,71
	ivn-rat LD50:112 mg/kg	CMROCX 4,17,76
	orl-mus LD50:630 mg/kg	ARZNAD 19,36,69
	ipr-mus LD50:120 mg/kg	ARZNAD 19,36,69
	ivn-mus LD50:96 mg/kg	YKKZAJ 89(10),1392,69
	ivn-cat LD50:100 mg/kg	CMROCX 4,17,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

m-ANTHRANILONITRILE see: DI2454000

ANTHRANOL CHROME YELLOW R see: VO5310000

ANTHRANTHRENE see: HO5900000

CB4584000 4H-ANTHRA(1,2-b)PYRAN-4,7(12H)-DIONE, 12-(ACETYLOXY)-8-(4-O-ACETYL-2,3,6-TRIDEOXY-3-(DIMETHYLAMINO)-beta-D-ARABINO-HEXOPYRANOSYL)-10-(4-O-ACETYL-2,3,6-TRIDEOXY-3-(DIMETHYLAMINO)-3-C-METHYL-alpha-L-lyxo-HEXOPYRANOSYL)-11-HYDROXY-12-METHOXY-5-METHYL-2-(1-METHYL-1-PROPENYL)-, (R-(E))-

UPDT:8306 CAS: 19293-24-8 MW: 847.06 MOLFM: C46-H58-N2-O13

SYN: ACETYLKIDAMYCIN

MUTATION DATA AND REFERENCES:

	oms-hmn:hla 1 mg/L	JANTAJ 29,1334,76

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:35 mg/kg	BSERAY 2,1452,78
*	ivn-rat LD50:140 mg/kg	BSERAY 2,1452,78
*	orl-mus LD50:600 mg/kg	BSERAY 2,1452,78
*	ipr-mus LD50:50 mg/kg	BSERAY 2,1452,78
*	ivn-mus LD50:200 mg/kg	BSERAY 2,1452,78
*	ivn-rbt LD50:25 mg/kg	BSERAY 2,1452,78

beta-ANTHRAQUINOLINE see: QL6400000

CB4725000 ANTHRAQUINONE

UPDT:8411 CAS: 84-65-1 MW: 208.22 MOLFM: C14-H8-O2

SYN: ANTHRACENE 9,10-DIHYDRO-9,10-DIOXO- * 9,10-ANTHRACENEDIONE * ANTHRADIONE * 9,10-ANTHRAQUINONE * CORBIT * 9,10-DIOXOANTHRACENE * HOELITE * MORRIT

MUTATION DATA AND REFERENCES:

	mmo-sat 2 ug/plate	AEMIDF 43,1354,82
	dnd-mus-ipr 250 mg/kg	ARTODN (Suppl 5),355,82

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:3500 mg/kg	GTPZAB 21(12),27,77
	unk-mus LD50:3500 mg/kg	GTPZAB 16(11),44,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

9,10-ANTHRAQUINONE see: CB4725000

CB5075000 ANTHRAQUINONE, 1-AMINO-

UPDT:8306 CAS: 82-45-1 MW: 223.24 MOLFM: C14-H9-N-O2

SYN: 1-AMINO-9,10-ANTHRACENEDIONE * 1-AMINOANTHRACHINON (Czech) * alpha-AMINOANTHRAQUINONE * 1-AMINOANTHRAQUINONE * 1-AMINO-9,10-ANTHRAQUINONE * 9,10-ANTHRACENEDIONE, 1-AMINO- * alpha-ANTHRAQUINONYLAMINE * C.I. 37275 * DIAZO FAST RED AL

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg/24H SEV	28ZPAK -,121,72

MUTATION DATA AND REFERENCES:

	dnd-mus-ipr 250 mg/kg	ARTODN (Suppl 5),355,82

TUMORIGENIC DATA AND REFERENCES:

3V03K60C18	orl-rat TDLo:2400 mg/kg 60W-I	TXAPA9 8,346,66
2V03R60	orl-rat TD :3000 mg/kg 60W-I	TXAPA9 8,346,66

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:1500 mg/kg	GTPZAB 21(12),27,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB5120000 ANTHRAQUINONE, 2-AMINO-

UPDT:8412 CAS: 117-79-3 MW: 223.24 MOLFM: C14-H9-N-O2

SYN: AAQ * 2-AMINO-9,10-ANTHRACENEDIONE * AMINOANTHRAQUINONE * beta-AMINOANTHRAQUINONE * 2-AMINOANTHRAQUINONE * 2-AMINO-9,10-ANTHRAQUINONE * beta-ANTHRAQUINONYLAMINE * 9,10-ANTHRACENEDIONE, 2-AMINO- (9CI) * NCI-C01876

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-rat TDLo:115 gm/kg/78W-C	NCITR* NCI-CG-TR-144,78
3V01L60P62	orl-mus TDLo:655 gm/kg/78W-C	NCITR* NCI-CG-TR-144,78
2V02L60	orl-rat TD :225 gm/kg/78W-C	NCITR* NCI-CG-TR-144,78
3V03L60P62	orl-mus TD :330 gm/kg/78W-C	NCITR* NCI-CG-TR-144,78
2V02L60	orl-rat TD :32 gm/kg/77W-C	TOLED5 4,71,79
2V01L60	orl-rat TD :1890 gm/kg/78W-C	IARC** 27,191,82
2V01L60	orl-rat TD :3780 gm/kg/78W-C	IARC** 27,191,82
2V03L60	orl-mus TD :2730 gm/kg/78W-C	IARC** 27,191,82
2V01L60	orl-mus TD :5600 gm/kg/80W-C	IARC** 27,191,82

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:1500 mg/kg	GTPZAB 21(12),27,77

REVIEW AND REFERENCES:

☆	CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 27,191,82
★	CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 27,191,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE;MOUSE, RAT (NCITR* NCI-CG-TR-144,78)

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB5500000 ANTHRAQUINONE, 1-AMINO-2,4-DIBROMO-

UPDT:8412 CAS: 81-49-2 MW: 381.04 MOLFM: C14-H7-Br2-N-O2

SYN: 1-AMINO-2,4-DIBROMANTHRACHINON (Czech) * 1-AMINO-2,4-DIBROMOANTHRAQUINONE * 9,10-ANTHRACENEDIONE, 1-AMINO-2,4-DIBROMO- * 2,4-DIBROMO-1-ANTHRAQUINONYLAMINE * NCI-C55458

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg/24H SEV	28ZPAK -,88,72

MUTATION DATA AND REFERENCES:

	mma-sat 333 ug/plate	ENMUDM 5(Suppl 1),3,83
	mma-sat 333 ug/plate	NTPTB* JAN 82

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

CB5735100 ANTHRAQUINONE, 1-AMINO-4-METHOXY-

UPDT:8401 CAS: 116-83-6 MW: 253.27 MOLFM: C15-H11-N-O3

SYN: 1-AMINO-4-METHOXY-9,10-ANTHRAQUINONE

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ug/plate	MUREAV 66,9,79
	mma-sat 100 ug/plate	MUREAV 66,9,79

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CB5740000 ANTHRAQUINONE, 1-AMINO-2-METHYL-

UPDT:8412 CAS: 82-28-0 MW: 237.27 MOLFM: C15-H11-N-O2

SYN: ACETATE FAST ORANGE R * ACETOQUINONE LICHT ORANGE 3L * 1-AMINO-2-METHYLANTHRAQUINONE * 9,10-ANTHRACENEDIONE, 1-AMINO-2-METHYL- (9CI) * ARTISIL ORANGE 3RP * CELLITON ORANGE R * C.I. 60700 * C.I. DISPERSE ORANGE 11 * CILLA ORANGE R * DISPERSE ORANGE * DURANOL ORANGE G * 2-METHYL-1-ANTHRAQUINONYLAMINE * MICROSETILE ORANGE RA * NCI-C01901 * NYLOQUINONE ORANGE 3R * PERLITON ORANGE 3R * SERISOL ORANGE YL * SUPRACET ORANGE R

TUMORIGENIC DATA AND REFERENCES:

3V01L60M61	orl-rat TDLo:30 gm/kg/78W-C	NCITR* NCI-CG-TR-111,78
2V01L60	orl-mus TDLo:37 gm/kg/73W-C	NCITR* NCI-CG-TR-111,78
3V01L60M61	orl-rat TD :60 gm/kg/78W-C	NCITR* NCI-CG-TR-111,78
3V02L60M61	orl-rat TD :39 gm/kg/77W-C	TOLED5 4,71,79
2V03L60	orl-mus TD :307 gm/kg/73W-C	IARC** 27,199,82
3V03L60M61	orl-rat TD :557 gm/kg/79W-C	IARC** 27,199,82
3V01L60M61	orl-rat TD :1113 gm/kg/79W-C	IARC** 27,199,82

REVIEW AND REFERENCES:

★	CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 27,199,82
★	CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 27,199,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE;MOUSE, RAT (NCITR* NCI-CG-TR-111,78)

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB5745450 ANTHRAQUINONE, 1,4-BIS(N-ETHYLANILINO)-5,8-DIHYDROXY-

UPDT:8308 MW: 478.58 MOLFM: C30-H26-N2-O4

SYN: 1,4-BIS(N-ETHYLANILINO)-5,8-DIHYDROXYANTHRAQUINONE * 1,4-DIHYDROXY-5,8-DI(N-ETHYLANILINO)-9,10-ANTHRAQUINONE

MUTATION DATA AND REFERENCES:

	mma-sat 500 ug/plate	MUREAV 66,9,79

CB5746000 ANTHRAQUINONE, 1,4-BIS((2-HYDROXYETHYL)AMINO)-5,8-DIHYDROXY-

UPDT:8306 CAS: 3179-90-6 MW: 358.38 MOLFM: C18-H18-N2-O6

SYN: 5,8-DIHYDROXY-1,4-DIHYDROXYETHYLAMINOANTHRAQUINONE * 1,4-DIOXYETHYLAMINO-5,8-DIOXYANTHRAQUINONE (Russian) * 1,4-DOEA-5,8-DAPFA (Russian)

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:700 mg/kg	GTPZAB 21(12),27,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1179-0321

CB5748000 ANTHRAQUINONE, 1,4-BIS((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-

UPDT:8308 MW: 412.54 MOLFM: C22-H28-N4-O4

SYN: 9,10-ANTHRACENEDIONE, 1,4-BIS((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-, DIACETATE * 1,4-BIS((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-9,10-ANTHRACENEDIONE * 1,4-BIS((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO)ANTHRAQUINONE * NAQ * NSC 287513

MUTATION DATA AND REFERENCES:

	mma-sat 6500 umol/L	CNREA8 41,376,81
	oms-hmn:leu 400 ug/L	CNREA8 39,2574,79
	cyt-hmn:leu 50 ug/L	CNREA8 39,2574,79
	dni-mus:oth 1 umol/L	CNREA8 43,1951,83
	oms-ham:ovr 200 mg/L	CNREA8 39,2574,79
	cyt-ham:ovr 10 nmol/L	CNREA8 41,376,81
	sce-ham:ovr 10 nmol/L	CNREA8 41,376,81

CB5748300 ANTHRAQUINONE, 1,4-BIS((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-, DIACETATE

UPDT:8411 MW: 468.60 MOLFM: C26-H32-N2-O6

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T59	ipr-rbt TDLo:5200 ug/kg (6-18D preg)	TJADAB 39(2),413,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

CB5748500 ANTHRAQUINONE, 5,8-BIS((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-1,4-DIHYDROXY-
UPDT 8307 MW: 444.34 MOLFM: C22 H28 N4 O6
SYN: 5,8-BIS((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-1,4-DIHYDROXYANTHRAQUINONE * DHAQ * 1,4-DIHYDROXY-5,8-BIS(2-((2-HYDROXYETHYL)AMINO)ETHYLAMINO)-9,10-ANTHRACENEDIONE * NSC 279836
MUTATION DATA AND REFERENCES:
mmo-sat 6500 umol/L — CNREA8 41,376,81
mma-sat 6500 umol/L — CNREA8 41,376,81
cyt-hmn:lym 100 umol/L — MUREAV 93,185,82
dni-mus:oth 1 umol/L — CNREA8 43,1951,83
cyt-ham:ovr 10 nmol/L — CNREA8 41,376,81
sce-ham:ovr 10 nmol/L — CNREA8 41,376,81

CB5749300 ANTHRAQUINONE, 1,4-BIS(2-(2-HYDROXYETHYLAMINO)ETHYLAMINO)-8-HYDROXY-
UPDT 8306 MW: 428.54 MOLFM: C22 H28 N4 O5
SYN: 1,4-BIS(2-(2-HYDROXYETHYLAMINO)ETHYLAMINO)-8-HYDROXYANTHRAQUINONE * 1-HYDROXY-5,8-BIS((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO))-9,10-ANTHRACENEDIONE
MUTATION DATA AND REFERENCES:
dni-mus:oth 1 umol/L — CNREA8 43,1951,83

CB5982000 ANTHRAQUINONE, 4-BROMO-2-METHYL-1-(2-NITROPHENYLACETAMIDO)-
UPDT 8308 MW: 477.29 MOLFM: C23 H13 Br N2 O5
SYN: 4-BROMO-2-METHYL-1-(2-NITROPHENYLACETAMIDO)ANTHRAQUINONE * 1-(2-NITROPHENYLACETAMIDO)-2-METHYL-4-BROMO-9,10-ANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate — MUREAV 66,9,79
mma-sat 1 mg/plate — MUREAV 66,9,79

ANTHRAQUINONE, 3-((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-1,8-DIHYDROXY-6-METHYL- see: CB0164000

CB6195000 ANTHRAQUINONE, 1,4-DIACETAMIDO-
UPDT 8308 MW: 322.34 MOLFM: C18 H14 N2 O4
SYN: 1,4-DIACETAMIDOANTHRAQUINONE * 1,4-DIACETAMIDO-9,10-ANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate — MUREAV 66,9,79

CB6498500 ANTHRAQUINONE, 4,8-DICHLORO-1,5-DIHYDROXY-
UPDT 8401 CAS: 6837-97-4 MW: 309.10 MOLFM: C14 H6 Cl2 O4
SYN: DICHLOROANTHRARUFIN * 4,8-DICHLORO-1,5-DIHYDROXYANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — BCSTB5 5,1489,77
mma-sat 100 ug/plate — BCSTB5 5,1489,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CB6580000 ANTHRAQUINONE, 1,2-DIHYDROXY-
UPDT 8403 CAS: 72-48-0 MW: 240.22 MOLFM: C14 H8 O4
SYN: ALIZARIN * ALIZARINA * ALIZARIN B * ALIZARINE * ALIZARINE B * ALIZARINE 3B * ALIZARINE INDICATOR * ALIZARINE LAKE RED 2P * ALIZARINE LAKE RED 3P * ALIZARINE LAKE RED 4PX * ALIZARINE L PASTE * ALIZARINE NAC * ALIZARINE PASTE 20% BLUISH * ALIZARINE RED * ALIZARINE RED B * ALIZARINE RED B2 * ALIZARINE RED IP * ALIZARINE RED IPP * ALIZARINE RED L * ALIZARIN RED * 9,10-ANTHRACENEDIONE, 1,2-DIHYDROXY- * 1,2-ANTHRAQUINONEDIOL * CERTIQUAL ALIZARINE * C.I. 58000 * C.I. MORDANT RED 11 * C.I. PIGMENT RED 83 * D and C ORANGE NUMBER 15 * DEEP CRIMSON MADDER 10821 * 1,2-DIHYDROXYANTHRACHINON (Czech) * 1,2-DIHYDROXYANTHRAQUINONE * 1,2-DIHYDROXY-9,10-ANTHRAQUINONE * ELJON MADDER * MITSUI ALIZARINE B * SANYO CARMINE L2B * TURKEY RED
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV — 28ZPAK -,101,72
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — MUREAV 40,203,76
mma-sat 100 ug/plate — MUREAV 40,203,76
dnr-bcs 2 mg/disc — TRENAF 27,153,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CB6650000 ANTHRAQUINONE, 1,8-DIHYDROXY-
UPDT 8411 CAS: 117-10-2 MW: 240.22 MOLFM: C14 H8 O4
SYN: ALTAN * 9,10-ANTHRACENEDIONE, 1,8-DIHYDROXY- * ANTRAPUROL * CHRYSAZIN * DANTHRON * DANTRON * DIAQUONE * 1,8-DIHYDROXY-9,10-ANTHRACENEDIONE * 1,8-DIHYDROXYANTHRACHINON (Czech) * 1,8-DIHYDROXYANTHRAQUINONE * DIONONE * DORBANE * DORBANEX * DUOLAX * ISTIN * ISTIZIN * LAXANORM * LAXANTHREEN * LAXIPUR * LAXIPURIN * LTAN * MODANE * USAF ND-59 * ZWITSALAX
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MOD — 28ZPAK -,102,72
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — MUREAV 40,203,76
mma-sat 100 ug/plate — MUREAV 40,203,76
mmo-smc 5000 ppm 2D — ADVEA4 51,45,71
dni-hmn:fbr 100 umol/L — CNREA8 35,1392,75
dns-mus:lvr 20 umol/L — CNREA8 44,2918,84
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg — NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CB6700000 ANTHRAQUINONE, 1,8-DIHYDROXY-4,5-DINITRO-
UPDT 8412 CAS: 81-55-0 MW: 330.22 MOLFM: C14 H6 N2 O8
SYN: 1,8-DIHYDROXY-4,5-DINITROANTHRAQUINONE * NCI-C60747
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — MUREAV 40,203,76
mma-sat 100 ug/plate — MUPEAV 40,203,76
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:180 mg/kg — CSLNX* NX#01788
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

CB6705000 ANTHRAQUINONE, 1,3-DIHYDROXY-2-ETHOXYMETHYL-
UPDT 8401 CAS: 17526-17-9 MW: 298.31 MOLFM: C17 H14 O5
SYN: 1,3-DIHYDROXY-2-ETHOXYMETHYLANTHRAQUINONE * LUCIDIN ETHYL ETHER
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate — BCSTB5 5,1489,77
mma-sat 10 ug/plate — BCSTB5 5,1489,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CB6712200 ANTHRAQUINONE, 1,8-DIHYDROXY-3-HYDROXYMETHYL-
UPDT 8307 CAS: 481-72-1 MW: 270.25 MOLFM: C15 H10 O5
SYN: ALOE-EMODIN * 9,10-ANTHRACENEDIONE, 1,8-DIHYDROXY-3-(HYDROXYMETHYL)- (9CI) * 1,8-DIHYDROXY-3-HYDROXYMETHYLANTHRAQUINONE * HYDROXYMETHYLCHRYSAZIN * RHABARBERONE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — BCSTB5 5,1489,77
mma-sat 100 ug/plate — BCSTB5 5,1489,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CB6720000 ANTHRAQUINONE, 1,8-DIHYDROXY-3-METHOXY-6-METHYL-
UPDT 8308 CAS: 521-61-9 MW: 284.28 MOLFM: C16 H12 O5
SYN: 9,10-ANTHRACENEDIONE, 1,8-DIHYDROXY-3-METHOXY-6-METHYL- (9CI) * 1,8-DIHYDROXY-3-METHOXY-6-METHYLANTHRAQUINONE * 1,8-DIHYDROXY-3-METHYL-6-METHOXY-9,10-ANTHRAQUINONE * EMODIN-3-METHYL ETHER * PARIETIN * PHYSCION * RHEOCHRYSIDIN
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — JAFCAU 27,1342,79
TOXICITY DATA AND REFERENCES:
1K30 ipr-mus LD50:10 mg/kg — JAFCAU 27,1342,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CB6750000 ANTHRAQUINONE, 1,8-DIHYDROXY-2,4,5,7-TETRANITRO-
UPDT 8308 CAS: 517-92-0 MW: 420.22 MOLFM: C14 H4 N4 O12
SYN: 9,10-ANTHRACENEDIONE, 1,8-DIHYDROXY-2,4,5,7-TETRANITRO- * CHRYSAMMIC ACID * CHRYSAMMINIC ACID * 1,8-DIHYDROXY-2,4,5,7-TETRANITROANTHRAQUINONE (DOT) * 2,4,5,7-TETRANITROCHRYSAZIN
STANDARDS & REGULATIONS:
★ DOT HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

CB6870000 ANTHRAQUINONE, 1,4-DIMETHYLAMINO-5,8-DIHYDROXY-
UPDT 8306 MW: 298.32 MOLFM: C16 H14 N2 O4
SYN: 1,4-DIHYDROXY-5,8-DIMETHYLAMINO-9,10-ANTHRAQUINONE * 1,4-DIMETHYLAMINO-5,8-DIHYDROXYANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — MUREAV 66,9,79
mma-sat 100 ug/plate — MUREAV 66,9,79

CB6951000 ANTHRAQUINONE, 1,5-DINITRO-2-METHYL-
UPDT 8401 CAS: 51481-16-6 MW: 312.25 MOLFM: C15 H8 N2 O6
SYN: 1,5-DINITRO-2-METHYL-9,10-ANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mmo-sat 50 mg/plate — MUREAV 66,9,79
mma-sat 50 mg/plate — MUREAV 66,9,79
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
1,2-ANTHRAQUINONEDIOL see: CB6580000

CB7179000 ANTHRAQUINONE, 2-HYDROXY-
UPDT 8412 CAS: 605-32-3 MW: 224.22 MOLFM: C14 H8 O3
SYN: 9,10-ANTHRACENEDIONE, 2-HYDROXY- (9CI) * 2-HYDROXYANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate — MUREAV 116,279,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CB7650000 ANTHRAQUINONE, 1-HYDROXY-2-(3-SULFOPROPOXY)-
UPDT 8308 MW: 362.37 MOLFM: C17 H14 O7 S
SYN: 1-HYDROXY-2-(3-SULFOPROPOXY)-9,10-ANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate — MUREAV 66,9,79
mma-sat 100 ug/plate — MUREAV 66,9,79

CB7780000 ANTHRAQUINONE, 1,1'-IMINODI-
UPDT 8405 CAS: 82-22-4 MW: 429.44 MOLFM: C28 H15 N O4
SYN: 9,10-ANTHRACENEDIONE, 1,1'-IMINOBIS- * ANTHRAQUINONYLAMINOANTHRAQUINONE * ANTHRIMIDE * DI-1,1'-ANTHRACHINONYLAMIN (Czech) * DIANTHRAQUINONYLAMINE * 1,1'-DIANTHRAQUINONYLAMINE * 1,1'-DIANTHRIMID (Czech) * DIANTHRIMIDE * 1,1'-DIANTHRIMIDE * IMINO-1,1'-BIANTHRAQUINONE * 1,1'-IMINODIANTHRAQUINONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — 28ZPAK -,125,72
eye-rbt 500 mg/24H SEV — 28ZPAK -,125,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:16 gm/kg — 28ZPAK -,125,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CB7790000 ANTHRAQUINONE, 1-(ISOPROPYLAMINO)-
UPDT 8308 CAS: 27354-18-3 MW: 265.33 MOLFM: C17 H15 N O2
SYN: 1-(ISOPROPYLAMINO)-ANTHRAQUINONE * 1-(ISOPROPYLAMINO)-9,10-ANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate — MUREAV 66,9,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CB7883000 ANTHRAQUINONE, 6-METHOXY-3-METHYL-1,7,8-TRIHYDROXY-
UPDT 8401 CAS: 7213-59-4 MW: 300.28 MOLFM: C16 H12 O6
SYN: DERMOGLAUCIN * 6-METHOXY-3-METHYL-1,7,8-TRIHYDROXYANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — BCSTB5 5,1489,77
mma-sat 100 ug/plate — BCSTB5 5,1489,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CB7920000 ANTHRAQUINONE, 2-METHYL-1-NITRO-
UPDT 8412 CAS: 129-15-7 MW: 267.25 MOLFM: C15 H9 N O4
SYN: 9,10-ANTHRACENEDIONE, 2-METHYL-1-NITRO- (9CI) * 2-METHYL-1-NITRO-9,10-ANTHRACENEDIONE * 2-METHYL-1-NITROANTHRAQUINONE * NCI-C01923 * 1-NITRO-2-METHYLANTHRAQUINONE * 1-N-2-MA (Russian)
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — MUREAV 40,203,76
mma-sat 100 ug/plate — MUREAV 40,203,76
TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:45 gm/kg/2Y-C — NCITR* NCI-CG-TR-29,78
2V01H60 orl-mus TDLo:10 gm/kg:41W-C — IJCNAW 19,117,77
3V02K60L60 orl-rat TD:20 gm/kg:78W-C — NCITR* NCI-CG-TR-29,78
2V01H60 orl-mus TD:19 gm/kg:37W-C — IJCNAW 19,117,77
2V02L60 orl-rat TD:19 gm/kg:77W-C — TOLED5 4,71,79
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:110 mg/kg — GTPZAB 21(12),27,77
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 27,205,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE — IARC** 27,205,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED:RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-29,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED:RESULTS POSITIVE:MOUSE (IJCNAW 19,117,77)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB7920400 ANTHRAQUINONE, 3-METHYL-1,4,6,8-TETRAHYDROXY-
UPDT 8306 MW: 286.25 MOLFM: C15 H10 O6
SYN: CATANERIN * 3-METHYL-1,4,6,8-TETRAHYDROXYANTHRAQUINONE * 1,4,6,8-TETRAHYDROXY-3-METHYL-9,10-ANTHRAQUINONE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — MUREAV 66,9,79
mma-sat 100 ug/plate — MUREAV 66,9,79

CB7920600 ANTHRAQUINONE, 6-METHYL-1,3,8-TRIHYDROXY-
UPDT 8406 CAS: 518-82-1 MW: 270.25 MOLFM: C15 H10 O5
SYN: 9,10-ANTHRACENEDIONE, 1,3,8-TRIHYDROXY-6-METHYL- (9CI) * 9,10-ANTHRAQUINONE, 1,3,8-TRIHYDROXY-6-METHYL- * C.I. 75440 * C.I. NATURAL YELLOW 15 * EMODIN * EMODOL * FRANGULA EMODIN * 6-METHYL-1,3,8-TRIHYDROXYANTHRAQUINONE * PERSIAN BERRY LAKE * RHEUM EMODIN * SCHUTTGELB
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate — BCSTB5 5,1489,77

BEST COPY AVAILABLE

mma-sat 10 ug/plate MUREAV 125,135,84

TOXICITY DATA AND REFERENCES:
1K30 ipr-mus LD50:35 mg/kg JAFCAU 27,1342,79

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

ANTHRAQUINONE, 1,4,5,8-TETRAMINO- see: CB0540000

CB8079000 ANTHRAQUINONE, 1,4,5,8-TETRAHYDROXY-2-METHYL-
UPDT:8402 CAS: 476-43-7 MW: 286.25 MOLFM: C15-H10-O6
SYN: 9,10-ANTHRACENEDIONE, 1,4,5,8-TETRAHYDROXY-2-METHYL- (9CI) * CYNODONTIN * 1,4,5,8-TETRAHYDROXY-2-METHYLANTHRAQUINONE * 1,4,5,8-TETRAHYDROXY-2-METHYL-9,10-ANTHRAQUINONE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 66,9,79
mma-sat 100 ug/plate MUREAV 116,297,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CB8198000 ANTHRAQUINONE, 1,2,3-TRIHYDROXY-
UPDT:8405 CAS: 602-64-2 MW: 256.22 MOLFM: C14-H8-O5
SYN: ANTHRACENE BROWN * ANTHRAGALLIC ACID * ANTHRAGALLOL * 1,2,3-TRIHYDROXY-9,10-ANTHRACENEDIONE * 1,2,3-TRIHYDROXYANTHRAQUINONE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate BCSTB5 5,1489,77
mma-sat 100 ug/plate BCSTB5 5,1489,77

ANTHRAQUINONE, 1,3,8-TRIHYDROXY-6-METHYL- see: CB7920600
alpha-ANTHRAQUINONYLAMINE see: CB5075000
beta-ANTHRAQUINONYLAMINE see: CB5120000
ANTHRAQUINONYLAMINOANTHRAQUINONE see: CB7780000
ANTHRAROBIN see: CB1220000
ANTHRASORB see: FF5250100

CB8730000 ANTHRA(1,2-b)THIOPHENE
UPDT:8311 CAS: 227-86-1 MW: 234.32 MOLFM: C16-H10-S
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 117,31,83
mma-sat 80 ug/plate MUREAV 117,31,83

CB8730050 ANTHxA(2,1-b)THIOPHENE
UPDT:8311 CAS: 227-56-5 MW: 234.32 MOLFM: C16-H10-S
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 117,31,83
mma-sat 40 ug/plate MUREAV 117,31,83

CB8730100 ANTHRA(2,3-b)THIOPHENE
UPDT:8311 CAS: 22108-55-0 MW: 234.32 MOLFM: C16-H10-S
MUTATION DATA AND REFERENCES:
mma-sat 40 ug/plate MUREAV 117,31,83

1,2,10-ANTHRATRIOL see: CB1220000
1,8,9-ANTHRATRIOL see: CB1225000
ANTHRAVAT GOLDEN YELLOW see: HO7030000
ANTHRIMIDE see: CB7780000
ANTHROGOM see: LP6330000

CB8810000 ANTHROIC ACID, 9,10-DIHYDRO-4,5,7-TRIHYDROXY-9,10-DIOXO-
UPDT:8402 CAS: 478-45-5 MW: 300.23 MOLFM: C15-H8-O7
SYN: 2-ANTHRACENECARBOXYLIC ACID, 9,10-DIHYDRO-4,5,7-TRIHYDROXY-9,10-DIOXO- (9CI) * 9,10-DIHYDRO-4,5,7-TRIHYDROXY-9,10-DIOXOANTHROIC ACID * EMODIC ACID
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 116,297,83

CB8925000 2-ANTHROL, 1-(PHENYLAZO)-
UPDT:8401 CAS: 3630-8-10-6 MW: 298.36 MOLFM: C20-H14-N2-O
SYN: BENZENEAZO-2-ANTHROL * 1-PHENYLAZO-2-ANTHROL
TUMORIGENIC DATA AND REFERENCES:
3V03L60V10 scu-mus TDLo:25 gm/kg/52W-I BJCAAI 10,653,56
2V01M60 imp-mus TDLo:80 mg/kg BJCAAI 17,127,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CB8935000 ANTHRONE, 4a,9a-EPOXY-3-(2,3-EPOXYBUTYRYL)-1,2,3,4,4a,9a-HEXAHYDRO-1,3,4,5,10-PENTAHYDROXY- 2-METHYL-
UPDT:8402 CAS: 18700-78-2 MW: 392.39 MOLFM: C19-H20-O9
SYN: CERVICARCIN
TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:48500 ug/kg BSERAY 2,1374,78

9-ANTHRONE, 1-HYDROXY- see: CB8980000

CB8980000 9-ANTHRONOL
UPDT:8401 CAS: 1715-81-7 MW: 210.24 MOLFM: C14-H10-O2
SYN: 9-ANTHRONE, 1-HYDROXY- * 1-HYDROXY-9-ANTHRONE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:700 mg/kg/73W-I JMCMAR 21,26,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANTHROPODEOXYCHOLIC ACID see: FZ1980000
ANTHROPODESOXYCHOLIC ACID see: FZ1980000
ANTHROPODODESOXYCHOLIC ACID see: FZ1980000
(6-(3-(9-ANTHRYL)-D-ALANINE))-LHRH see: OK6441000
(6-(3-(9-ANTHRYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6441000
2-ANTHRYLAMINE see: CA9275000
1-(9-ANTHRYLMETHOXY)-2,3-EPOXYPROPANE see: TX2640000
9-ANTHRYLMETHYL GLYCIDYL ETHER see: TX2640000
ANTIAETHAN see: JO1225000
ANTI-AFP IgG see: CC2010000
ANTIANGOR see: AG9500000

CB9150000 ANTIARIS TOXICARIA Lesch., extract excluding roots
DEF: Indian plant belonging to the family MORACEAE (UJEBA6 12,512,74)
UPDT:8302
SYN: PAYNARAM, EXTRACT
TOXICITY DATA AND REFERENCES:
2J30M10 ipr-mus LD50:94 mg/kg UJEBA6 12,512,74

ANTIASTHMATIQUE see: DO2625000
ANTIB see: AE3850000
ANTIBASON see: YR0875000
ANTIBIOCIN see: XH9275000
ANTIBIOTIC 207 see: QG8450000
ANTIBIOTIC 899 see: ZA4870000
ANTIBIOTIC 1037 see: UY9100000

CB9360030 ANTIBIOTIC 1072
DEF: An antitumor antibiotic isolated from the mycelium of STREPTOMYCES COERULESCENS 1072 (ANTBAL 27,563,82)
UPDT:8311 CAS: 83381-72-0
TOXICITY DATA AND REFERENCES:
1V30 orl-mus LDLo:350 mg/kg ANTBAL 27,563,82
1V30 ipr-mus LDLo:250 mg/kg ANTBAL 27,563,82

CB9361000 ANTIBIOTIC 1415
DEF: Produced by STREPTOMYCES sp. 1415 (BSERAY 1,452,78)
UPDT:8308
TOXICITY DATA AND REFERENCES:
" ipr-rat LD50:600 mg/kg BSERAY 1,452,78
" ivn-rat LD50:400 mg/kg ANTCAO 11,97,61
" ims-rat LD50:2000 mg/kg BSERAY 1,452,78
" ipr-mus LD50:600 mg/kg BSFZAT -,806,67
" ivn-mus LD50:500 mg/kg BSFZAT -,806,67

1600 ANTIBIOTIC see: WK2320000
ANTIBIOTIC 503-3 see: WK2315000
ANTIBIOTIC 66-40 see: WK2284900

CB9365550 ANTIBIOTIC 9408
DEF: Isolated from STREPTOMYCES EXFOLIATUS ECHINOSPORUS (BSGDA2 5,265,81)
UPDT:8309
TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:3600 ug/kg BSGDA2 5,265,81
" ivn-mus LD50:16500 ug/kg BSGDA2 5,265,81

ANTIBIOTIC 21544 see: LZ6572500
ANTIBIOTIC 33876 see: UW7350200
ANTIBIOTIC 67-694 see: JG6800000
ANTIBIOTIC A see: NJ8500000

CB9372800 ANTIBIOTIC A-7
UPDT:8408 CAS: 61613-93-2
SYN: A-7
TOXICITY DATA AND REFERENCES:
" ipr-mus TD50:200 mg/kg JANTAJ 30,77-138,77
2F07J26 ivn-mus LD50:200 mg/kg UJEBA6 14,722,76

ANTIBIOTIC A 14 see: AU6256000

CB9375000 ANTIBIOTIC A216
DEF: An antibacterial active substance (ARZNAD 17,693,67)
UPDT:8309
SYN: ANTIBIOTICUM A216 (German) * SUBSTANZ A216 (German)
TOXICITY DATA AND REFERENCES:
" orl-mus LD50:45800 ug/kg BSGDA2 5,481,81
" ipr-mus LD50:6800 mg/kg ARZNAD 17,693,67
" ivn-mus LD50:4860 ug/kg BSGDA2 5,481,81

ANTIBIOTIC A-246 see: LT3850000
ANTIBIOTIC A-649 see: RK4385090
ANTIBIOTIC 833A see: SZ7890000

CB9376120 ANTIBIOTIC 5001 A
DEF: Produced by STREPTOMYCES HYGROSCOPICUS JA 5001 (JANTAJ 31,78-66,78)
UPDT:8309
SYN: 5001 A
TOXICITY DATA AND REFERENCES:
orl-mus LD50:100 mg/kg JANTAJ 31,78-66,78
" ipr-mus LD50:2500 ug/kg BSGDA2 5,512,81
scu-mus LD50:20 mg/kg JANTAJ 31,78-66,78

ANTIBIOTIC A-5283 see: TK3325000
ANTIBIOTIC A 6599 see: YO8227000

CB9376150 ANTIBIOTIC A9145
UPDT:8309 CAS: 39315-74-7
SYN: A9145 * RP 32232
TOXICITY DATA AND REFERENCES:
" scu-mus LD50:185 mg/kg JANTAJ 26,463,73

ANTIBIOTIC A23187 see: DM4676000

CB9376220 ANTIBIOTIC A-27106
UPDT:8309 CAS: 58936-31-5 MW: 855.12 MOLFM: C42-H71-O16-Na
SYN: A-27106
TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:50 mg/kg BSGDA2 5,475,81

ANTIBIOTIC A 30641 see: NJ8500000

CB9376260 ANTIBIOTIC A-32887
UPDT:8309 CAS: 69572-15-2 MW: 1009.39 MOLFM: C48-H62-O18-K-Na
SYN: A-32887
TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:37500 ug/kg JANTAJ 34,81-5,81

ANTIBIOTIC A 130A see: HL5522000

CB9376310 ANTIBIOTIC A 201A
UPDT:8406 CAS: 37305-78-5 MW: 802.93 MOLFM: C37-H50-N6-O14
SYN: A 201A
TOXICITY DATA AND REFERENCES:
" ivn-rat LD50:2000 mg/kg USXXAM #4143141
" ivn-mus LD50:400 mg/kg BSGDA2 5,304,81

CB9376320 ANTIBIOTIC A 204A
UPDT:8310 CAS: 43110-10-7 MW: 945.33 MOLFM: C49-H84-O17
SYN: A 204A * ANTIBIOTIC A 204-I
TOXICITY DATA AND REFERENCES:
" orl-mus LD50:8 mg/kg BSGDA2 5,484,81

ANTIBIOTIC A 3733A see: DJ6350000
ANTIBIOTIC A 28086A see: VO8640000
ANTIBIOTIC A 28695 A see: VT6301000

CB9376436 ANTIBIOTIC A 204A, 6,27-DIMETHOXY-, (1'S)-
UPDT:8309 CAS: 65978-63-0 MW: 885.27 MOLFM: C47-H80-O13
SYN: CARBIOMYCIN * T-42082
TOXICITY DATA AND REFERENCES:
" orl-mus LD50:2 gm/kg BSGDA2 5,489,81
" ipr-mus LD50:50 mg/kg BSGDA2 5,489,81

CB9376515 ANTIBIOTIC AB-315
DEF: Isolated from GLUCONOBACTER species W-315 (JANTAJ 35,1141,82)
UPDT:8305
SYN: AB 315
TOXICITY DATA AND REFERENCES:
" ips-mus LD50:150 mg/kg JANTAJ 35,1141,82

ANTIBIOTIC A 28695B see: VT6307000
ANTIBIOTIC A-13001-C see: OM0848600
ANTIBIOTIC ACID S see: UP5990000
ANTIBIOTIC A-28086 FACTOR A see: VO8640000
ANTIBIOTIC A 204-I see: CB9376320

CB9376597 ANTIBIOTIC AM-2604 A
DEF: Isolated from fermentation broth of STREPTOMYCES sp. AM-2604 (JANTAJ 35,1632,82)
UPDT:8406
SYN: AM-2604 A
TOXICITY DATA AND REFERENCES:
" ipr-mus LDLo:10 mg/kg JANTAJ 35,1632,82

ANTIBIOTIC AO-2 see: NQ7860000

CB9376620 ANTIBIOTIC A-130, SODIUM SALT
UPDT:8408 MW: 682.24 MOLFM: C47-H78-O-Na
TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:2500 mg/kg JANTAJ 29,76-101,76
scu-mus LD50:34300 ug/kg JANTAJ 29,76-101,76

CB9376624 ANTIBIOTIC ATS 1287
UPDT:8305 CAS: 74082-34-7
SYN: ATS 1287
TOXICITY DATA AND REFERENCES:
" ivn-mus LD50:18 mg/kg JANTAJ 35,82-135,82

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CB9376625 ANTIBIOTIC ATS 1287, SODIUM SALT
UPDT:8307
SYN: ATS 1287 SODIUM
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:6250 ug/kg JANTAJ 35,82-135,82
ANTIBIOTIC A-399-Y4 see: LY9100000
ANTIBIOTIC AY 22989 see: VE6250000
ANTIBIOTIC B 599 see: GB7875000
ANTIBIOTIC 4736-B see: SG1643000

CB9376675 ANTIBIOTIC B-14437
UPDT:8309 MW: 309.32 MOLFM: C12-H15-N5-O5
SYN: B-14437 * SANGIVAMYCIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5 mg/kg 85GDA2 5,313,81

CB9376677 ANTIBIOTIC B-15645
UPDT:8309 MW: 267.27 MOLFM: C11-H13-N3-O5
SYN: B-15645
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:7 mg/kg 85GDA2 5,314,81
ANTIBIOTIC B-98891 see: PY6140000
ANTIBIOTIC BB-K 8 see: WK1955000
ANTIBIOTIC BB-K8 SULFATE see: WK1961200
ANTIBIOTIC BBM-928A see: CB9391300

CB9391300 ANTIBIOTIC BBM 928C, 2,7-DIACETATE
UPDT:8310 CAS: 75580-37-9 MW: 1427.56 MOLFM: C64-H78-N14-O24
SYN: ANTIBIOTIC BBM-928A * BBM-928A * LUZOPEPTIN A
MUTATION DATA AND REFERENCES:
dnd-omi 6000 ppm CNREA8 43,2718,83
dnd-omi 10 mg/L CNREA8 43,2718,83
TOXICITY DATA AND REFERENCES:
3P30Y15V30 ipr-mus LD50:109 ug/kg CNREA8 43,1504,83
ANTIBIOTIC BC 757 see: MC5408000
ANTIBIOTIC BL-640 see: XI0340000
ANTIBIOTIC BL-S 640 see: XI0340000
ANTIBIOTIC BV-1 see: NQ7860000
ANTIBIOTIC BU-1848 see: CV2309000
ANTIBIOTIC BU 2231A see: EC5990300
ANTIBIOTIC BU 2231B see: EC5990890

CB9395250 ANTIBIOTIC C 5780
UPDT:8309 CAS: 59979-82-7
SYN: C 5780
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:12500 ug/kg 85GDA2 5,487,81
ANTIBIOTIC C 7819B see: VO8640000

CB9395503 ANTIBIOTIC CE-58
UPDT:8310 CAS: 68053-03-2 MW: 398.44 MOLFM: C22-H22-O7
SYN: CE-58
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg 85CDA2 3,378,80
ANTIBIOTIC CGP 9000 see: XI0335000

CB9395540 ANTIBIOTIC CI-783
DEF:Produced by STAPHYLOCOCCUS AUREOFACIENS (JANTAJ 35,82-136,82)
UPDT:8305
SYN: CI-783
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:11 mg/kg JANTAJ 35,82-136,82
ANTIBIOTIC C 15003P3 see: OQ2291000
ANTIBIOTIC D-45 see: WK4250000
ANTIBIOTIC 2230D see: WK2317000
ANTIBIOTIC DE 3936 see: OJ9457400
ANTIBIOTIC E212 see: UY9100000
ANTIBIOTIC FN 1636 see: AY7535000
ANTIBIOTIC FR 02A see: QA2807000
ANTIBIOTIC G 1499-2 see: VC8298500
ANTIBIOTIC JA-6599 see: YO8227000

CB9459540 ANTIBIOTIC K-27
UPDT:8307 CAS: 80701-11-7 MW: 753.06 MOLFM: C36-H68-N2-O14
SYN: JA-20 * K-27
TOXICITY DATA AND REFERENCES:
3F15F21J22 orl-rat LD50:3000 mg/kg HINAAU 23,6,81
3F15F21J22 ipr-rat LD50:380 ug/kg HINAAU 23,6,81
3F15F21J22 orl-mus LD50:230 mg/kg HINAAU 23,6,81
3F15F21J22 ipr-mus LD50:2400 ug/kg HINAAU 23,6,81
3F15F21J22 ivn-mus LD50:1950 ug/kg HINAAU 23,6,81

CB9459550 ANTIBIOTIC K 41
UPDT:8309 CAS: 53026-37-2 MW: 947.30 MOLFM: C48-H82-O18
SYN: K 41 * 374548P
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:53 mg/kg 85GDA2 5,485,81
ANTIBIOTIC K 178 see: QT6825000

CB9459650 ANTIBIOTIC K-358
DEF:Produced by S. ALBUS K-358 (85FZAT -,734,67)
UPDT:8309 MW: 631.89 MOLFM: C34-H56-O9-Na
SYN: K-358
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:7600 ug/kg 85FZAT -,734,67
ANTIBIOTIC KA 6606I see: WH1332550
ANTIBIOTIC KM 208 see: RN8763000
ANTIBIOTIC K582M-A see: YP2293000
ANTIBIOTIC K582M-A adduct with **FORMALDEHYDE and SODIUM SULFONATE** see: YP2295000
ANTIBIOTIC K582M-A SODIUM METHANESULFONATE adduct see: YP2295000
ANTIBIOTIC KW 1062 see: WK2180000
ANTIBIOTIC KW-1070 see: NM7521490
ANTIBIOTIC LA 7017 see: PZ2800000

CB9625700 ANTIBIOTIC LIA-0331
DEF:Isolated from ACTINOMYCES CHROMOGENES and STREPTOMYCES CHROMOGENES (85GDA2 5,268,80)
UPDT:8307
SYN: LIA-0331
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1350 ug/kg 85GDA2 5,268,80

CB9625710 ANTIBIOTIC LIA-0191-A
DEF:Isolated from STREPTOMYCES SAGANONENSIS (85GDA2 5,306,81)
UPDT:8309
SYN: LIA-0191-A
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:17 mg/kg 85GDA2 5,306,81

CB9625860 ANTIBIOTIC LL-BL-580-A''
UPDT:8309 MW: 715.04 MOLFM: C39-H66-O12
SYN: LL-BL-580-A
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:220 mg/kg 85GDA2 5,510,81
* ipr-mus LD50:14 mg/kg 85GDA2 5,510,81
ANTIBIOTIC LL-Z 1220 see: UQ0830000

CB9630000 ANTIBIOTIC M770
UPDT:8408
SYN: ANTIBIOTICUM M770 (German) * M770
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 mg/kg ARZNAD 17,693,67
* unk-mus LDLo:500 mg/kg 85ERAY 2,1436,78

CB9632000 ANTIBIOTIC M-4164A
UPDT:8309 CAS: 56092-85-4
SYN: M-4164A
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:200 mg/kg 85GDA2 5,510,81
* ivn-mus LD50:10 mg/kg JANTAJ 30,77-69,77
ANTIBIOTIC M 4365A2 see: JG6800000
ANTIBIOTIC MA 144A see: QI9279300
ANTIBIOTIC MA 144A1 see: QI9279300
ANTIBIOTIC MA 144 A1 see: QI9284080
ANTIBIOTIC MA 1448Z see: QI9277700

CB9633500 ANTIBIOTIC M-92, BA-4 component
DEF:Obtained from culture broth and mycelia of MICROMONOSPORA VERRUCULOSA (JANTAJ 35,1441,82)
UPDT:8308
SYN: BA-4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:44 mg/kg JANTAJ 35,1441,82

CB9633700 ANTIBIOTIC M-92, BN-1 component
DEF:Obtained from culture broth and mycelia of MICROMONOSPORA VERRUCULOSA (JANTAJ 35,1441,82)
UPDT:8308
SYN: BN-1
TOXICITY DATA AND REFERENCES:
1V30 ivn-mus LD50:91 mg/kg JANTAJ 35,1441,82
ANTIBIOTIC MA 144T1 see: QI9279400
ANTIBIOTIC MC-916-A see: UY8546000

CB9638500 ANTIBIOTIC MSD-92
DEF:Produced by an unknown strain of S. species producing xanthothricin (85FZAT -,740,67)
UPDT:8309 MW: 223.22 MOLFM: C13-H9-N5-O3
SYN: 2-METHYL-PERVENULON * MSD-92
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1200 ug/kg 85GDA2 5,200,81

CB9638650 ANTIBIOTIC M-92, VA-2 component
DEF:Obtained from culture broth and mycelia of MICROMONOSPORA VERRUCULOSA (JANTAJ 35,1441,82)
UPDT:8308
SYN: VA-2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1930 ug/kg JANTAJ 35,1441,82
1V30 ivn-mus LD50:1810 ug/kg JANTAJ 35,1441,82

CB9639100 ANTIBIOTIC MYC 8005
UPDT:8309 CAS: 37372-39-7
SYN: MYC 8005
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:37 mg/kg 85GDA2 5,265,81
* ipr-mus LD50:1500 ug/kg 85GDA2 5,265,81
ANTIBIOTIC N-329 B see: YV9468000
ANTIBIOTIC NSC 70845 see: RA4550000

CB9651700 ANTIBIOTIC OM-704 A
UPDT:8306 MW: 354.44 MOLFM: C20-H22-N2-O4
SYN: OM-704 A
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg JANTAJ 35,1425,82
ANTIBIOTIC OP 2D see: NJ5830800

CB9653200 ANTIBIOTIC OS-4742 A1
UPDT:8311 CAS: 65220-31-1
SYN: OS-4742 A1
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg JANTAJ 30,908,77
ANTIBIOTIC OS 3966B see: QI6126000

CB9653350 ANTIBIOTIC OS 4742B1
UPDT:8311 CAS: 66198-32-1
SYN: OS 4742B1
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg 85GDA2 3,188,80

CB9653360 ANTIBIOTIC OS 4742B2
UPDT:8311 CAS: 66198-33-1 MW: 1107.19 MOLFM: C65-H54-O17
SYN: OS 4742B2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg 85GDA2 3,188,80
ANTIBIOTIC P 42-1 see: ZD5706000
ANTIBIOTIC PA-93 see: CU9080000
ANTIBIOTIC PA-106 see: BZ9800000
ANTIBIOTIC PA-132 see: WH1317900

CB9660000 ANTIBIOTIC PA147
UPDT:8309 CAS: 3734-60-9 MW: 126.12 MOLFM: C6-H6-O3
SYN: ANTIBIOTICUM PA147 (German) * 3-CARBOXY-2,4-PENTADIENALLACTOL * 2(5H)-FURANONE, 3-ETHENYL-5-HYDROXY- (9CI)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:188 mg/kg 85GDA2 5,425,81
* unk-mus LD50:20 mg/kg ARZNAD 17,693,67
ANTIBIOTIC PA 11481 see: ZA4870000
ANTIBIOTIC PA 114 B1 see: ZA4870000
ANTIBIOTIC P42-C see: ZD5706000
ANTIBIOTIC P 42-1 see: ZD5706000
ANTIBIOTIC PO 357 see: WH1332500

CB9713000 ANTIBIOTIC PSX1
UPDT:8407 CAS: 53988-61-7
SYN: PSX 1
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:8 mg/kg JANTAJ 29,981,76

CB9713500 ANTIBIOTIC R-285
DEF:An antibiotic produced by S. species R-285 (85FZAT -,841,67)
UPDT:8309 MW: 517.65 MOLFM: C25-H35-N5-O7
SYN: R-285
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:210 mg/kg 85FZAT -,841,67
ANTIBIOTIC Ro 21 6150 see: HL5522000

CB9716000 ANTIBIOTIC RP-6798
UPDT:8309 MW: 907.06 MOLFM: C42-H54-N10-O13
SYN: RP-6798
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 ug/kg 85GDA2 5,334,81
* ivn-mus LD50:100 ug/kg 85GDA2 5,334,81

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

ANTIBIOTIC 20-798RP see: QI9335000

CB9725800 ANTIBIOTIC RP-30504
DEF Isolated from STREPTOMYCES GALLINARUS (85GDA2 5,511,81)
UPDT 8309
SYN: DS-25881 * RP-30504
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:85 mg/kg 85GDA2 5,511,81
ANTIBIOTIC S 15-1A see: NJ5830900
ANTIBIOTIC S 14750A see: AY9195000
ANTIBIOTIC SF 837 see: OH4730600
ANTIBIOTIC SF-1508 see: VU6303000
ANTIBIOTIC SF 837A(sub 1) see: OH4730600
ANTIBIOTIC SF 837 A1 see: OH4730600
ANTIBIOTIC SF-973 A see: GY8430000

CB9754270 ANTIBIOTIC SF 1306A
UPDT 8309 CAS: 52934-70-0
SYN: SF 1306A
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg 85GDA2 5,298,81
ANTIBIOTIC SF 767B see: WK2315000

CB9754650 ANTIBIOTIC SF 1739 HP
UPDT 8308 MW: 415.49 MOLFM: C21-H25-N3-O6
SYN: SF 1739 HP
TOXICITY DATA AND REFERENCES:
1V30 ivn-mus LD50:2 mg/kg JANTAJ 35,642,82
ANTIBIOTIC SPA-B-132 see: RW5690000
ANTIBIOTIC T see: YD0117000
ANTIBIOTIC T-3018 see: AU7400000

CB9756350 ANTIBIOTIC T 36496
UPDT 8309 CAS: 57187-63-8 MW: 495.56 MOLFM: C30-H29-N7-O8
SYN: T 36496
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5 mg/kg 85GDA2 5,329,81
* ivn-mus LD50:2 mg/kg 85GDA2 5,329,81
ANTIBIOTIC T-2636 A see: UZ0E30000
ANTIBIOTIC TA-1067-F-II see: OE6000000
ANTIBIOTIC T-2636 C see: UZ0780000
ANTIBIOTIC T-2636 C 14-ACETATE see: UZ0800000
ANTIBIOTIC T 2636F see: OD2300000
ANTIBIOTIC TM 481 see: OJ9457400

CB9860000 ANTIBIOTIC TS-0822
UPDT 8309 CAS: 58194-39-1
SYN: TS-0822
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:5 mg/kg JANTAJ 30,77-104,77
* scu-mus LD50:2500 ug/kg JANTAJ 30,77-104,77
ivn-mus LD50:1 mg/kg JANTAJ 30,77-104,77
ANTIBIOTIC U-1 see: MP8931000

CB9870000 ANTIBIOTIC U-13,714
DEF An antiviral antibiotic produced by STREPTOMYCES CANARIUS var. CANARIUS sp.(BSERAY 2,1244,78)
UPDT 8312 MW: 403.41 MOLFM: C13-H21-N7-O8
SYN: CANARIUS * U-13,714
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:79 mg/kg 85ERAY 2,1244,78
* ipr-mus LD50:14 mg/kg 85ERAY 2,1244,78

CB9870200 ANTIBIOTIC U 13933
UPDT 8309 CAS: 11011-31-7 MW: 212.22 MOLFM: C10-H12-O5
SYN: ASPERLINE * U 13933
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:68 mg/kg 85GDA2 5,372,81
ANTIBIOTIC U 18496 see: XZ3017500
ANTIBIOTIC U-20207 see: KO4660800
ANTIBIOTICUM A216 (German) see: CB9375000
ANTIBIOTICUM M770 (German) see: CB9630000
ANTIBIOTICUM PA147 (German) see: CB9660000
ANTIBIOTIC WR 141 see: MD9100000

CB9895500 ANTIBIOTIC WS 8096
UPDT 8309 CAS: 37209-97-5 MW: 644.42 MOLFM: C22-H20-O10
SYN: WS 8096
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg 85GDA2 5,382,81
* ipr-mus LD50:500 mg/kg 85GDA2 5,382,81

CB9898000 ANTIBIOTIC X 206
UPDT 8408 CAS: 36505-48-3 MW: 871.29 MOLFM: C47-H82-O14
SYN: X 206
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:17 mg/kg 85GDA2 5,491,81
ipr-mus LD50:1200 mg/kg 37ASAA 3,47,78
* scu-mus LD50:11 mg/kg 85FZAT -,784,67
ANTIBIOTIC X-340 see: QI9296900
ANTIBIOTIC X-464 see: QT6825000
ANTIBIOTIC X 14547 see: UP6100000
ANTIBIOTIC X-465A see: FL7350000
ANTIBIOTIC X 537A see: GP4000000
ANTIBIOTIC X 14547A see: UP6100000
ANTIBIOTIC X465A SODIUM SALT see: FL7525000
ANTIBIOTIC XK 90 see: AH9680000
ANTIBIOTIC XK 62-2 see: WK2180000
ANTIBIOTIC XK 41B1 see: OR8746830
ANTIBIOTIC XS-89 see: FH5425000
ANTIBIOTIC YL 704B(sub 1) see: OH4730600
ANTIBIOTIC YL 704 B1 see: OH4730600
ANTIBULIT see: WB0350000
ANTICANITIC VITAMIN see: DG1400000
ANTICARIE see: DA2975000
ANTI-CHROMOTRICHIA FACTOR see: DG1400000
ANTICOCCID see: TJ7360000
ANTICYCLOOXYGENASE ANTISERUM see: CD3681500
ANTIDEPRIN see: HO1575000

CC1100000 ANTIDESMA GHAESEMBILLA Goertn., extract excluding roots
DEF Indian plant belonging to the family EUPHORBIACEAE (UEBAG 12,512,74)
UPDT 8302
SYN: LUPEOL EXTRACT
TOXICITY DATA AND REFERENCES:
2I30M10 ipr-mus LD50:150 mg/kg UEBAG 12,512,74

CC1105000 ANTIDESMA RIPICOLA J.L., stem bark extract
DEF African plant belonging to the family EUPHORBIACEAE (TOERD9 1,329,78)
UPDT 8306
TOXICITY DATA AND REFERENCES:
3J16J22K30 ipr-mus LDLo:10 gm/kg TOERD9 1,329,78

ANTIDUROL see: NS5950000
ANTIEGENE MB see: DE1050000
ANTIERYTHRITE see: KF2000000
ANTIETANOL see: JO1225000
ANTI-ETHYL see: JO1225000
ANTIETIL see: JO1225000
ANTIFEBRIN see: AD7350000
ANTIFEEDANT 24055 see: AE2450000
ANTIFEEDING COMPOUND 24,055 see: AE2450000

CC2010000 ANTI-alpha-FETOPROTEIN IMMUNOGLOBULIN G
DEF An estrogen-binding protein (TJADAB 25,351,82)
UPDT 8402
SYN: ANTI-AFP IgG
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T12 icb-mus TDLo:1 gm/kg (1D pre) TJADAB 25,351,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANTIFOAM A see: TR0460000
ANTIFOAM FD 62 see: JT6485000
ANTIFORMIN see: NH3486300

CC2077000 ANTIFREEZE COMPOUND
UPDT 8308
SYN: NA 1142 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID, LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-HAZARD:COMBUSTIBLE LIQUID, LABEL:NONE CFRGBR 49,172.101,82
ANTIFUNGIN' see: ED4610000
ANTIGENE RDF see: TQ2625000
ANTI-GERM 77 see: BO7175000
ANTIGESTIL see: WJ5600000

CC2130000 ANTIGONON LEPTOPUS Hook & Arn., leaf and stem extract
DEF Jamaican plant belonging to the family POLYGONACEAE (JPPMAB 16,115,64)
UPDT 8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:20 gm/kg JPPMAB 16,115,64
ANTIHIST see: UT1225000
ANTIHISTAL see: NJ2000000
ANTI-INFECTIVE VITAMIN see: VH6750000
ANTI-INFLAMMATORY HORMONE see: GM8925000
ANTIKREIN see: YN5080000
ANTILON see: CQ0560000
ANTILYSIN see: YN5080000
ANTILYSINE see: YN5080000

CC2610000 ANTIPYRINE, 4-((3,4-DIMETHOXY-2-(1-PYRROLIDINYLCARBONYL)BENZYLIDENE)AMINO)-
UPDT 8306 CAS: 66913-52-8 MW: 448.57 MOLFM: C25-H28-N4-O4
SYN: 4-((3,4-DIMETHOXY-2-(1-PYRROLIDINYLCARBONYL)BENZYLIDENE)AMINO)ANTIPYRINE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:7000 mg/kg APFRAD 35,489,77
ANTIKOL see: JO1225000
ANTIKNOCK-33 see: OP1450000
ANTILEPSIN see: MU1400000
ANTILIPID see: UE9480000
ANTILIPIDE see: UE9480000
ANTIMALARINA see: AR7700000
ANTIMICINA see: NS1750000
ANTIMIGRANT C 45 see: AZ5820000
ANTIMILACE see: XF9900000
ANTIMIT see: IA2100000
ANTIMOINE FLUORURE (French) see: CC5150000
ANTIMOINE (PENTACHLORURE D') (French) see: CC5075000
ANTIMOINE (TRICHLORURE D') (French) see: CC4900000
ANTIMOL see: DH6650000

CC2850000 ANTIMONATE (5-), BIS(4,5-DIHYDROXY-m-BENZENEDISULFONATO(4-))-, PENTASODIUM, HEPTAHYDRATE
UPDT 8403 CAS: 15489-16-4 MW: 900.29 MOLFM: C12-H9-O16-S4-Sb 7H2-O 5Na
SYN: ANTIMONYLBRENZEATECHINDISULFOSAURES NATRIUM (German) * ANTIMONY PYROCATECHOL SODIUM DISULFONATE * ANTIMOSAN * CORYSTIBIN * FANTORIN * FUADIN * FUADIN * FUADINL * NEOANTIMOSAN * PYROSTIB * REPODRAL * REPRODAL * SDT 91 * SODIUM ANTIMONY BIS(PYROCATECHOL-2,4-DISULFONATE) * SODIUM ANTIMONY (III) BIS-PYROCATECHOL 3,5-DISULFONATE HEPTAHYDRATE * SODIUM ANTIMOSAN * STIBOFEN * STIBOPHEN * TRIMOX
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1400 mg/kg FAZMAE 17,108,73
scu-mus LDLo:320 mg/kg HBAMAK 4,1289,35
ivn-mus LD50:1050 mg/kg FAZMAE 17,108,73
* par-mus LD50:260 mg/kg AJTMAQ 25,263,45
* ivn-rbt LDLo:80 mg/kg MEIEDD 10,1260,83
ims-rbt LD50:91 mg/kg JPETAB 87,119,46
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

CC2853000 ANTIMONATE(2-), BIS(mu-(2,3-DIHYDROXYBUTANEDIOATO(4-)-O(sup 1),O(sup 2),O(sup 3),O(sup 4)))DI-, stereoisomer, DIHYDROGEN, compd. with PIPERAZINE (1:1)
UPDT 8209 CAS: 52195-07-0 MW: 623.80 MOLFM: C8-H4-O12-Sb2 C4-H10-N2 2H
SYN: BILHARCID * PIPERAZINE DIANTIMONY TARTRATE
MUTATION DATA AND REFERENCES:
dnr-esc 4 umol/L BCPC46 23,1451,74
ams-esc 4 umol/L BCPC46 23,1451,74
cyt-rat-ipr 1 mg/kg ENMUDM 4,83,82
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**
ANTIMONATE(2-), BIS(mu-TARTRATO(4-))DI-, DIPOTASSIUM, TRIHYDRATE see: CC6825000
ANTIMONATE((-)-), (D-GLUCONATO(4-))-, SODIUM see: CC7900000
ANTIMONIAL SAFFRON see: CC6125000
ANTIMONIC ACID see: CC6300000

CC3065000 ANTIMONIC ACID, SODIUM SALT
UPDT 8010 CAS: 11112-10-0
SYN: SODIUM ANTIMONATE * SODIUM ANTIMONY * SODIUM POLYANTIMONATE * THERMOGUARD FR
MUTATION DATA AND REFERENCES:
cyt-hmn-fbr 1 mmol/L AEMBAP 91,117,77

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

cyt-hmn-leu 1 nmol/L — AEMBAP 91,117,77

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

CC3068000 ANTIMONIC ACID, TUNGSTEN SALT

UPDT:8401 MW: 369.60 MOLFM: O4-Sb-W
SYN: TUNGSTEN ANTIMONATE * TUNGSTEN STILBONATE

MUTATION DATA AND REFERENCES:
otr-ham:emb 80 umol/L — CNREA8 39,193,79

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO TUNGSTEN recm std-air:TWA 1 mg(W)/m3 — NTIS**

ANTIMONIC OXIDE see: CC6300000
ANTIMONIC SULFIDE see: CC6125000
ANTIMONIO (PENTACLORURO DI) (Italian) see: CC5075000
ANTIMONIO (TRICLORURO DI) (Italian) see: CC4900000
ANTIMONIOUS OXIDE see: CC5650000
ANTIMONOUS CHLORIDE see: CC4900000
ANTIMONOUS CHLORIDE (DOT) see: CC4900000
ANTIMONOUS FLUORIDE see: CC5150000
ANTIMONOUS SULFATE see: CC8225000
ANTIMONOUS SULFIDE see: CC9450000
ANTIMONPENTACHLORID (German) see: CC5075000
ANTIMONTRICHLORID (German) see: CC4900000
ANTIMONWASSERSTOFFES (German) see: WJ0700000

CC4025000 ANTIMONY

UPDT:8409 CAS: 7440-36-0 MW: 121.75 MOLFM: Sb
SYN: ANTIMONY BLACK * ANTIMONY POWDER (DOT) * ANTIMONY REGULUS * ANTYMON (Polish) * C.I. 77050 * STIBIUM * UN 2871 (DOT)

TOXICITY DATA AND REFERENCES:
unk-man LDLo:15 mg/kg — 85DCAI 2,73,70
" ipr-rat LD50:100 mg/kg — 85GMAT -,22,82
" ipr-mus LD50:90 mg/kg — 85GMAT -,22,82
ipr-gpg LDLo:150 mg/kg — INMEAF 10,15,41

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FOREAE 7,313,42; PTPAD4 1,157,76
★ TLV-TWA 0.5 mg/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (SCP-A) — FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 107, VOL 4 261*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANTIMONY(III) ACETATE see: AF4200000
ANTIMONY AMMONIA TRIACETIC ACID see: AF5810000

CC4200000 ANTIMONY, BIS(TRICHLORO-, compd. with 1 mol. of OCTAMETHYL PYROPHOSPHORAMIDE

UPDT:8106 CAS: 64046-93-1 MW: 371.25 MOLFM: Cl3-Sb-1 2(C8-H24-N4-O7-P2)

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:35 mg/kg — JAFCAU 14,512,66

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

ANTIMONY BLACK see: CC4025000

CC4400000 ANTIMONY BROMIDE

UPDT:8401 CAS: 7789-61-9 MW: 361.48 MOLFM: Br3-Sb
SYN: ANTIMONY TRIBROMIDE * ANTIMONY TRIBROMIDE, solid (DOT) * ANTIMONY TRIBROMIDE, solution (DOT) * NA 1549 (DOT) * TRIBROMOSTIBINE

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solid — CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ANTIMONY BUTTER see: CC4900000
ANTIMONY CHLORIDE see: CC4900000

CC4900000 ANTIMONY (III) CHLORIDE

UPDT:8408 CAS: 10025-91-9 MW: 228.10 MOLFM: Cl3-Sb
SYN: ANTIMOINE (TRICHLORURE D') (French) * ANTIMONIO (TRICLORURO DI) (Italian) * ANTIMONOUS CHLORIDE * ANTIMONOUS CHLORIDE (DOT) * ANTIMONTRICHLORID (German) * ANTIMONY BUTTER * ANTIMONY CHLORIDE * ANTIMONY TRICHLORIDE * ANTIMONY TRICHLORIDE, SOLID (DOT) * ANTIMONY TRICHLORIDE SOLUTION (DOT) * ANTIMOONTRICHLORIDE (Dutch) * BUTTER of ANTIMONY * CHLORID ANTIMONITY (Czech) * CHLORURE ANTIMONIEUX (French) * C.I. 77056 * STIBINE, TRICHLORO- * TRICHLOROSTIBINE * TRICHLORURE D'ANTIMOINE (French) * UN 1733 (DOT)

MUTATION DATA AND REFERENCES:
mrc-bcs 10 mmol/L — MUREAV 77,109,80

TOXICITY DATA AND REFERENCES:
ihl-man TDLo:73 mg/m3 — BJIMAG 23,318,66
orl-rat LD50:525 mg/kg — MarJV# 29MAR77
" ipr-mus LD50:13 mg/kg — 85GMAT -,23,82
orl-gpg LD50:574 mg/kg — HYSAAV 29(12),16,64

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CC5075000 ANTIMONY (V) CHLORIDE

UPDT:8308 CAS: 7647-18-9 MW: 299.00 MOLFM: Cl5-Sb
SYN: ANTIMOINE (PENTACHLORURE D') (French) * ANTIMONIO (PENTACLORURO DI) (Italian) * ANTIMONPENTACHLORID (German) * ANTIMONY PENTACHLORIDE * ANTIMONY PENTACHLORIDE (DOT) * ANTIMOONPENTACHLORIDE (Dutch) * ANTIMONY PENTACHLORIDE SOLUION (DOT) * ANTIMONY PERCHLORIDE * BUTTER OF ANTIMONY * PENTACHLOROANTIMONY * PENTACHLORURE D'ANTIMOINE (French) * PERCHLORURE D'ANTIMOINE (French) * TIN CHLORIDE * UN 1730 (DOT) * UN 1731 (DOT)

MUTATION DATA AND REFERENCES:
mrc-bcs 30 uL/disc — MUREAV 77,109,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1115 mg/kg — HYSAAV 29(12),16,64
orl-gpg LD50:900 mg/kg — HYSAAV 29(12),16,64

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CC5095000 ANTIMONY, DICHLOROTRIPHENYL-

UPDT:8012 CAS: 594-31-0 MW: 423.98 MOLFM: C18-H15-Cl2-Sb
SYN: ANTIMONY, TRIPHENYLDICHLORIDE * DICHLOROTRIPHENYLANTIMONY * DICHLOROTRIPHENYLSTIBINE * TRIPHENYLANTIMONY DICHLORIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:195 mg/kg — MarJV# 29MAR77

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ANTIMONY DIMERCAPTOSUCCINATE see: JO6150000
ANTIMONY DIMERCAPTOSUCCINATE(IV) see: JO6150000
ANTIMONY EMETINE IODIDE see: JY5000000
ANTIMONY FLUORIDE see: CC5800000

CC5150000 ANTIMONY(III) FLUORIDE (1:3)

UPDT:8406 CAS: 7783-56-4 MW: 178.75 MOLFM: F3-Sb
SYN: ANTIMOINE FLUORURE (French) * ANTIMONOUS FLUORIDE * ANTIMONY TRIFLUORIDE * ANTIMONY TRIFLUORIDE, solid (DOT) * NA 1549 (DOT) * STIBINE, TRIFLUORO- (9CI) * TRIFLUOROANTIMONY

TOXICITY DATA AND REFERENCES:
" orl-mus LD50:804 mg/kg — OSDIAF 8,817,59
3F12J22J30 scu-mus LDLo:22900 ug/kg — GTPZAB 8(7),25,64
scu-frg LDLo:224 mg/kg — CRSBAW 124,133,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solid — CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:CORROSIVE, solution — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ANTIMONY (V) FLUORIDE see: CC5800000
ANTIMONY GLANCE see: CC9450000
ANTIMONY HYDRIDE see: WJ0700000

CC5455000 ANTIMONY LACTATE

UPDT:8312 CAS: 58164-88-8 MW: 388.99 MOLFM: C9-H15-O9-Sb
SYN: ANTIMONY LACTATE, SOLID (DOT) * LACTIC ACID, ANTIMONY SALT * PROPANOIC ACID, 2-HYDROXY-, TRIANHYDRIDE with ANTIMONIC ACID (H3-Sb-O3) (9CI) * UN 1550 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ANTIMONY LACTATE, SOLID (DOT) see: CC5455000
ANTIMONYL ANILINE TARTRATE see: BY7875000
ANTIMONYLBRENZEATECHINDISULFOSAURES NATRIUM (German) see: CC2850000
ANTIMONYL-2,4-DIHYDROXY-5 HYDROXYMETHYL PYRIMIDINE see: XF0877000
ANTIMONYL-2,4-DIHYDROXY PYRIMIDINE see: XF0876000
ANTIMONYL-7-FORMYL-8-HYDROXYQUINOLINE-5-SULPHONATE see: VC2820000
ANTIMONY LITHIUM THIOMALATE NONAHYDRATE see: WM9540000
ANTIMONYL POTASSIUM TARTRATE see: CC6825000
ANTIMONYL SODIUM TARTRATE see: CC8050000
ANTIMONY ORANGE see: CC9450000

CC5650000 ANTIMONY OXIDE

UPDT:8408 CAS: 1309-64-4 MW: 291.50 MOLFM: O3-Sb2
SYN: A 1330 * A 1582 * A 1588LP * ANTIMONIOUS OXIDE * ANTIMONY(3+) OXIDE * ANTIMONY PEROXIDE * ANTIMONY SESQUIOXIDE * ANTIMONY TRIOXIDE * ANTIMONY TRIOXIDE (DOT) * ANTIMONY WHITE * ANTOX * AP-50 * CHEMETRON FIRE SHIELD * C.I. 77052 * C.I. PIGMENT WHITE 11 * DECHLORANE A.O. * DIANTIMONY TRIOXIDE * EXITELITE * EXTREMA * FLOWERS of ANTIMONY * NA 9201 (DOT) * NCI-C55152 * NYACOL A 1530 * SENARMONTITE * THERMOGUARD B * THERMOGUARD S * TIMONOX * VALENTINITE * WEISSPIESSGLANZ (German)

MUTATION DATA AND REFERENCES:
mrc-bcs 50 mmol/L — MUREAV 77,109,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2701T02 itt-rat TDLo:23320 ug/kg (1D male) — JRPFA4 7,21,64

TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 ihl-rat TCLo:4200 ug/m3:52W-I — AIHAM* 20,1,80
3V03J60L60 ihl-rat TC :4 mg/m3:1Y-I — PESTC* 8,16,80
3V02I60R60 ihl-rat TD :1600 ug/m3:52W-I — AIHAM* 20,1,80

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:3250 mg/kg — EQSSDX 1,1,75

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

* ipr-mus LD50:172 mg/kg — B5GMAT -,23,82
ivn-dog LDLo:3 mg/kg — HBAMAK 4,1289,35
scu-rbt LDLo:2500 ug/kg — HBAMAK 4,1289,35

REVIEW AND REFERENCES:
★ TLV-SUSPECTED CARCINOGEN (Sb2-O3 production) — DTLVS* 4,22,80
★ TLV-TWA 0.5 mg(Sb)/m3 (Sb2-O3 handling and use) — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0580-0342
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANTIMONY(3 -) OXIDE see: CC5650000
ANTIMONY PENTACHLORIDE see: CC5075000
ANTIMONY PENTACHLORIDE (DOT) see: CC5075000
ANTIMONY PENTACHLORIDE SOLUION (DOT) see: CC5075000
ANTIMONY PENTAFLUORIDE see: CC5800000

CC5800000 ANTIMONY(V) PENTAFLUORIDE

UPDT:8411 CAS: 7783-70-2 MW: 216.75 MOLFM: F5-Sb
SYN: ANTIMONY FLUORIDE * ANTIMONY (V) FLUORIDE * ANTIMONY PENTAFLUORIDE * ANTIMONY PENTAFLUORIDE (DOT) * PENTAFLUOROANTIMONY * UN 1732 (DOT)

TOXICITY DATA AND REFERENCES:
3J30L30M30 ihl-mus LC50:270 mg/m3 — GISAAA 35(7),25,70

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ANTIMONY PENTAFLUORIDE (DOT) see: CC5800000
ANTIMONY PENTAOXIDE see: CC6300000

CC6125000 ANTIMONY PENTASULFIDE

UPDT:8408 CAS: 1315-04-4 MW: 403.80 MOLFM: S5-Sb2
SYN: ANTIMONIAL SAFFRON * ANTIMONIC SULFIDE * ANTIMONY RED * ANTIMONY SULFIDE * ANTIMONY SULFIDE GOLDEN * C.I. 77061 * GOLDEN ANTIMONY SULFIDE

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1500 mg/kg — MEIEDD 10,102,83
* ipr-mus LD50:458 mg/kg — B5GMAT -,23,82

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CC6300000 ANTIMONY PENTOXIDE

UPDT:8408 CAS: 1314-60-9 MW: 323.50 MOLFM: O5-Sb2
SYN: A 1530 * ANTIMONIC ACID * ANTIMONIC OXIDE * ANTIMONY PENTAOXIDE * DIANTIMONY PENTAOXIDE * DIANTIMONY PENTOXIDE * STIBIC ANHYDRIDE

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:4000 mg/kg — MEIEDD 10,103,83
* ipr-mus LD50:978 mg/kg — B5GMAT -,23,82

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ANTIMONY PERCHLORIDE see: CC5075000
ANTIMONY PEROXIDE see: CC5650000

CC6650000 ANTIMONY POTASSIUM DIMETHYL CYSTEINO TARTRATE

DEF:A dimethycysteine chelate of sodium antimonyl tartrate with 14.7%Sb content(PSEBAA 129,284,68)
UPDT:7901
SYN: NAP

TOXICITY DATA AND REFERENCES:
scu-mus LD50:350 mg/kg — PSEBAA 129,284,68
ivn-mus LD50:450 mg/kg — PSEBAA 129,284,68

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

CC6825000 ANTIMONY POTASSIUM TARTRATE

UPDT:8405 CAS: 28300-74-5 MW: 324.93 MOLFM: C4-H4-O7-Sb-K
SYN: ANTIMONATE(2)-, BIS(mu-TARTRATO(4-))DI-, DIPOTASSIUM, TRIHYDRATE * ANTIMONYL POTASSIUM TARTRATE * ANTIMONY POTASSIUM TARTRATE SOLID (DOT) * EMETIQUE (French) * ENT 50,434 * POTASSIUM ANTIMONYL TARTRATE * POTASSIUM ANTIMONYL d-TARTRATE * POTASSIUM ANTIMONY TARTRATE * TARTAR EMETIC * TARTARIC ACID, ANTIMONY POTASSIUM SALT * TARTARIZED ANTIMONY * TARTOX * TARTRATE ANTIMONIO POTASSIQUE (French) * TARTRATED ANTIMONY * UN 1551 (DOT)

MUTATION DATA AND REFERENCES:
dni-esc 19 umol/L — BCPCA6 23,1451,74
oms-esc 19 umol/L — BCPCA6 23,1451,74
cyt-rat-ipr 2 mg/kg — ENMUDM 4,83,82

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:2 mg/kg — PCOC** -,1097,66
orl-rat LD50:115 mg/kg — ARSIM* 20,24,66
ipr-rat LD50:11 mg/kg — EQSSDX 1,1,75
ims-rat LDLo:33 mg/kg — EQSSDX 1,1,75
ipr-mus LD50:48 mg/kg — JEMAAJ 62,45,79
scu-mus LD50:55 mg/kg — PSEBAA 129,284,68
ivn-mus LD50:45 mg/kg — FAZMAE 17,108,73
orl-rbt LD50:115 mg/kg — EQSSDX 1,1,75
ivn-rbt LDLo:15 mg/kg — EQSSDX 1,1,75
ipr-gpg LD50:15 mg/kg — EQSSDX 1,1,75
ims-gpg LDLo:55 mg/kg — EQSSDX 1,1,75

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CC7000000 D-ANTIMONY POTASSIUM TARTRATE

UPDT:8403 CAS: 64070-11-7 MW: 324.93 MOLFM: C4-H4-O7-Sb-K
SYN: POTASSIUM ANTIMONYL D-TARTRATE * TARTAR EMETIC * D-TARTARIC ACID, ANTIMONY POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:48.8 mg/kg — AJTMAQ 30,591,50

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

CC7175000 DL-ANTIMONY POTASSIUM TARTRATE

UPDT:7901 CAS: 64070-12-8 MW: 324.93 MOLFM: C4-H4-O7-Sb-K
SYN: POTASSIUM ANTIMONYL DL-TARTRATE * DL-TARTARIC ACID, ANTIMONY POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:48.8 mg/kg — AJTMAQ 30,591,50

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

CC7350000 L-ANTIMONY POTASSIUM TARTRATE

UPDT:8411 CAS: 11071-15-1 MW: 325.94 MOLFM: C4-H5-O7-Sb-K
SYN: POTASSIUM ANTIMONYL L-TARTRATE * L-TARTARIC ACID, ANTIMONY POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:31600 ug/kg — YFZADL 2,278,82

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CC7525000 meso-ANTIMONY POTASSIUM TARTRATE

UPDT:7901 CAS: 64070-10-6 MW: 324.93 MOLFM: C4-H4-O7-Sb-K
SYN: POTASSIUM ANTIMONYL meso-TARTRATE * meso-TARTARIC ACID, ANTIMONY POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:51 mg/kg — AJTMAQ 30,591,50

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**
ANTIMONY POTASSIUM TARTRATE SOLID (DOT) see: CC6825000
ANTIMONY POWDER (DOT) see: CC4025000
ANTIMONY PYROCATECHOL SODIUM DISULFONATE see: CC2850000
ANTIMONY RED see: CC6125000
ANTIMONY, REGULUS see: CC4025000
ANTIMONY SESQUIOXIDE see: CC5650000

CC7875000 ANTIMONY SODIUM DIMETHYLCYSTEINO TARTRATE

DEF:Made up of 5.8 parts of SODIUM ANTIMONY TARTRATE and 10 parts of DIMETHYLCYSTEINE (FAZMAE17,108,73)
UPDT:7901
SYN: SODIUM ANTIMONYL DIMETHYLCYSTEINE TARTRATE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:450 mg/kg — PSEBAA 129,284,68
scu-mus LD50:385 mg/kg — PSEBAA 129,284,68
ivn-mus LD50:435 mg/kg — PSEBAA 129,284,68
ims-mus LD50:325 mg/kg — PSEBAA 129,284,68

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

CC7900000 ANTIMONY (III) SODIUM GLUCONATE

UPDT:8102 CAS: 12550-17-3 MW: 336.88 MOLFM: C6-H8-O7-Sb-Na
SYN: ANTIMONATE(1-), (D-GLUCONATO(4-))- SODIUM * SODIUM ANTIMONY GLUCONATE * SODIUM ANTIMONY (III) GLUCONATE * TRIOSTAM * TRIOSTIB * TRIVALENT SODIUM ANTIMONYL GLUCONATE * T.S.A.G.

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:3440 ug/kg — CLDND*
ivn-mus LD50:172 mg/kg — JPETAB 81,224,44

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

CC7930000 ANTIMONY(V) SODIUM GLUCONATE

UPDT:8405 CAS: 12001-86-4 MW: 336.88 MOLFM: C6-H8-O7-Sb-Na
SYN: MYOSTIBIN * PENTAVALENT SODIUM ANTIMONYL GLUCONATE * PENTOSTAM * SODIUM ANTIMONY (V) GLUCONATE * SOLUSTIBOSAN * SOLYSURMIN * STIBANATE * STIBANOSE * STIBATIN * STIBINYL

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:33 mg/kg — CLDND*

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, FAZMAE 17,108,73
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**
ANTIMONY SODIUM OXIDE L-(-)-TARTRATE see: CC8050000
ANTIMONY SODIUM PROPYLENE DIAMINE TETRAACETIC ACID DIHYDRATE see: AI4728000

CC8050000 ANTIMONY SODIUM TARTRATE

UPDT:8406 CAS: 34521-09-0 MW: 581.60 MOLFM: C8-H4-O12-Sb2-2Na
SYN: ANTIMONYL SODIUM TARTRATE * ANTIMONY SODIUM OXIDE L-(-)-TARTRATE * EMETO-Na * EMETOSODIUM * NATRIUMANTIMONYLTARTRAT (German) * SODIUM ANTIMONYL TARTRATE * SODIUM ANTIMONY TARTRATE * STIBNAL * STIBUNAL

MUTATION DATA AND REFERENCES:
cyt-hmn-leu 2300 pmol/L/48H — MUREAV 16,332,72

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
3F05F27K13 ivn-hmn TDLo:79 mg/kg/3D-I TEARAI 34(4),62,62
ipr-mus LD50:60 mg/kg PSEBAA 129,284,68
scu-mus LD50:48 mg/kg PSEBAA 129,284,68
* ivn-mus LD50:25 mg/kg MEIEDD 10,103,a3
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CC8075000 ANTIMONY (V) SODIUM TARTRATE
UPDT:8012
SYN: SODIUM ANTIMONYL(V) TARTRATE
MUTATION DATA AND REFERENCES:
cyt-hmn:leu 2300 pmol/L/48H MUREAV 16,332,72
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:257 mg/kg JPETAB 81,224,44
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

CC8225000 ANTIMONY(III) SULFATE (2:3)
UPDT:8209 CAS: 7446-32-4 MW: 531.68 MOLFM: O12-S3-Sb2
SYN: ANTIMONOUS SULFATE * ANTIMONY TRISULFATE * DIANTIMONY TRISULFATE * SULFURIC ACID ANTIMONY SALT
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**
ANTIMONY SULFIDE see: CC6125000
ANTIMONY SULFIDE see: CC9450000
ANTIMONY SULFIDE, SOLID (DOT) see: CC9450000
ANTIMONY SULFIDE GOLDEN see: CC6125000

CC8600000 ANTIMONY TARTRATE
UPDT:7901 MW: 687.74 MOLFM: C12-H12-O18-2Sb
TOXICITY DATA AND REFERENCES:
ims-rbt LD50:90 mg/kg JPETAB 87,119,46
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**
ANTIMONY TRIACETATE see: AF4200000
ANTIMONY TRIBROMIDE see: CC4400000
ANTIMONY TRIBROMIDE, solid (DOT) see: CC4400000
ANTIMONY TRIBROMIDE, solution (DOT) see: CC4400000
ANTIMONY TRICHLORIDE see: CC4900000
ANTIMONY TRICHLORIDE, SOLID (DOT) see: CC4900000
ANTIMONY TRICHLORIDE SOLUTION (DOT) see: CC4900000
ANTIMONY TRIFLUORIDE see: CC5150000
ANTIMONY TRIFLUORIDE, solid (DOT) see: CC5150000
ANTIMONY TRIHYDRIDE see: WJ0700000
ANTIMONY TRIOXIDE see: CC5650000
ANTIMONY TRIOXIDE (DOT) see: CC565000C
ANTIMONY, TRIPHENYLDICHLORIDE see: CC5095000
ANTIMONY TRISULFATE see: CC8225000

CC9450000 ANTIMONY TRISULFIDE
UPDT:8408 CAS: 1345-04-6 MW: 339.68 MOLFM: S3-Sb2
SYN: ANTIMONOUS SULFIDE * ANTIMONY GLANCE * ANTIMONY ORANGE * ANTIMONY SULFIDE * ANTIMONY SULFIDE, SOLID (DOT) * ANTIMONY TRISULFIDE COLLOID * C.I. 77060 * C.I. PIGMENT RED 107 * CRIMSON ANTIMONY * LYMPHOSCAN * NA 1325 (DOT) * NEEDLE ANTIMONY
TOXICITY DATA AND REFERENCES:
3G06H01K06 ihl-hmn TCLo:580 ug/m3/35W IMSUAI 23,521,54
ipr-rat LDLo:1 gm/kg INMEAF 10(2),15,41
* ipr-mus LD50:209 mg/kg 85GMAT -,23,82
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ DOT-HAZARD-ORM-A; LABEL:NONE CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION; FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANTIMONY TRISULFIDE COLLOID see: CC9450000
ANTIMONY WHITE see: CC5650000
ANTIMOONPENTACHLORIDE (Dutch) see: CC5075000
ANTIMOONTRICHLRIDE (Dutch) see: CC4900000
ANTIMOSAN see: CC2850000
ANTIMUCIN WDR see: OV6475000
ANTIMYCIN see: DJ2275000

CD0350000 ANTIMYCIN A
UPDT:8401 CAS: 1397-94-0 MW: 548.70 MOLFM: C28-H40-N2-O9
SYN: ANTIPIRICULLIN * VIROSIN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:28 mg/kg AACHAX -,757,66
ipr-rat LD50:800 ug/kg CNREA8 13,49,53
* scu-rat LD50:25 mg/kg 85ERAY 2,1078,78
* orl-mus LD50:55 mg/kg AACHAX -,757,66
* ipr-mus LD50:1700 ug/kg AACHAX -,757,66
scu-mus LD50:21 mg/kg JAJAAA 9,63,56
ivn-mus LD50:893 ug/kg JAJAAA 9,63,56
* orl-rbt LD50:10 mg/kg AACHAX -,757,66
* orl-gpg LD50:1800 ug/kg AACHAX -,757,66
* orl-pgn LD50:2 mg/kg AACHAX -,757,66
* orl-qal LD50:39 mg/kg AACHAX -,757,66
* orl-dck LD50:2900 ug/kg AACHAX -,757,66
* orl-bwd LD50:5 mg/kg AACHAX -,757,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANTINONIN see: GO9625000
ANTINONNIN see: GO9625000
ANTINOSIN see: SM8400000
ANTIO see: TE1050000
ANTIOVARIAN RABBIT HETEROIMMUNE SERUM see: VU3710000
ANTI OX see: PA3500000
ANTIOXIDANT 1 see: PA3500000
ANTIOXIDANT 29 see: GO7875000
ANTIOXIDANT 30 see: GO7875000
ANTIOXIDANT 116 see: QM4550000
ANTIOXIDANT 330 see: DC3750000
ANTIOXIDANT 425 see: SL9800000
ANTIOXIDANT 736 see: GP3200000
ANTIOXIDANT 2246 see: PA3500000
ANTIOXIDANT AS see: UF8000000
ANTIOXIDANT BKF see: PA3500000
ANTIOXIDANT D see: GW1925000
ANTIOXIDANT DBPC see: GO7875000
ANTIOXIDANT E 736 see: GP3200000
ANTIOXIDANT HS see: TQ2625000
ANTIOXIDANT HSL see: TQ2625000
ANTIOXIDANT 4K see: GO7875000
ANTIOXIDANT KB see: GO7875000
ANTIOXIDANT LTDP see: UF8000000
ANTIOXIDANT MB (Czech) see: DE1050000
ANTIOXIDANT NG-2246 see: PA3500000
ANTIOXIDANT No. 33 see: SK8260000
ANTIOXIDANT PBN see: QM4550000
ANTIOXINE see: FI1225000
ANTIPAIN see: YV9350700 (L-VALINAMIDE, N(sup 2)-(((1-CARBOXY-2-PHENYLETHYL)AMINO)CARBONYL)-LARGINYL-N-(4-((AMINOIMINOMETHYL)AMINO)-1-FORMYLBUTYL)-
ANTIPAR see: SO4200000
ANTIPAR see: SO4375000
ANTI-PELLAGRA VITAMIN see: QT0525000
ANTIPERZ see: AJ9100000
ANTI-PGF-SERUM, lyophilized see: CD3684800
ANTIPHEN see: SM0175000
ANTI-PICA see: EU3640000
ANTIPIRICULLIN see: CD0350000
ANTIPIRIN see: CD2450000
ANTIPREX A see: AT4680000
ANTIPYONIN see: VZ2275000
ANTIPYRIN see: CD2450000

CD2450000 ANTIPYRINE
UPDT:8406 CAS: 60-80-0 MW: 188.25 MOLFM: C11-H12-N2-O
SYN: ANALGESINE * ANODYNIN * ANODYNINE * ANTIPIRIN * ANTIPYRIN * APIRELINA * AZOPHEN * AZOPHENE * 1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL-3H-PYRAZOL-3-ONE * DIMETHYLOXYCMINIZIN * DIMETHYLOXYQUINAZINE * 2,3-DIMETHYL-1-PHENYL-3-PYRAZOLIN-5-ONE * 2,3-DIMETHYL-1-PHENYL-5-PYRAZOLONE * FENAZONE * METHOZIN * OXYDIMETHYLQUINAZINE * PARODYNE * PHENAZON * PHENAZONE * PHENAZONIUM * PHENOZONE * PHENAZONE (pharmaceutical) * 1-PHENYL-2,3-DIMETHYLPYRAZOLE-5-ONE * 1-PHENYL-2,3-DIMETHYL-5-PYRAZOLONE * PHENYLON * PHENYLONE * PYRAZOPHYL * 3H-PYRAZOL-3-ONE, 1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL- (9CI) * SEDATIN * SEDATINE
TUMORIGENIC DATA AND REFERENCES:
3V03M60M61 orl-rat TDLo:361 gm/kg/92W-C IJCNAW 27,*21,81
TOXICITY DATA AND REFERENCES:
unk-man LDLo:74 mg/kg 85DCAI 2,73,70
orl-rat LD50:1800 mg/kg JPETAB 89,205,47
scu-rat LDLo:1570 mg/kg AEPPAE 186,195,37
* orl-mus LD50:1310 mg/kg JAPMA8 45,137,56
ipr-mus LD50:750 mg/kg AIPTAK 135,376,62
* scu-mus LD50:1000 mg/kg ARZNAD 17,214,67
ivn-mus LD50:500 mg/kg ARZNAD 10,686,60
orl-dog LDLo:500 mg/kg HBAMAK 4,1304,35
scu-cat LDLo:700 mg/kg HBAMAK 4,1304,35
scu-rbt LDLo:1000 mg/kg HBAMAK 4,1304,35
ivn-rbt LDLo:600 mg/kg HBTXAC 5,14,59
orl-gpg LDLo:1400 mg/kg HBTXAC 5,14,59
scu-gpg LDLo:1600 mg/kg AEPPAE 186,195,37
scu-frg LDLo:2000 mg/kg HBAMAK 4,1304,35
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CD2480000 ANTIPYRINE, 4-AMINO-
UPDT:8405 CAS: 83-07-8 MW: 203.27 MOLFM: C11-H13-N3-O
SYN: AAP * 4-AMINOANTIPYRENE * AMINOANTIPYRIN * AMINOANTIPYRINE * 4-AMINOANTIPYRINE * AMINOAZOPHENAZONE * AMINOPHENAZONE * 4-AMINOPHENAZONE * 4-AMMINOANTIPIRINA (Italian) * AMPYRONE * 1,5-DIMETHYL-2-PHENYL-4-AMINOPYRAZOLINE * METAPIRAZONE * 3-PYRAZOLIN-5-ONE, 4-AMINO-2,3-DIMETHYL-1-PHENYL * 3H-PYRAZOL-3-ONE, 4-AMINO-1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL- * SOLNAPYRIN-A
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1700 mg/kg BCFAAI 117,638,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CD2483000 ANTIPYRINE, 4-AMINO-, and SODIUM NITRITE
UPDT:8303 MW: 272.27 MOLFM: C11-H13-N3-O.N-Na.O2
SYN: AMINOANTIPYRINE mixed with SODIUM NITRITE * 4-AMINOANTIPYRINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with 4-AMINOANTIPYRINE
MUTATION DATA AND REFERENCES:
mma-sat 60 nmol/plate TOLED5 6,379,80

CD2625000 ANTIPYRINE, 4-(DIMETHYLAMINO)-
UPDT:8412 CAS: 58-15-1 MW: 231.33 MOLFM: C13-H17-N3-O
SYN: AMIDAZOPHEN * AMIDAZOPHENE * AMIDOFEBRIN * AMIDOFEN * AMIDOPHEN * AMIDOPHENAZONE * AMIDOPYRAZOLINE * AMIDOPYRIN * AMIDOPYRINE * AMINOFENAZONE (Italian) * AMINOPHENAZONE * AMINOPYRINE * ANAFEBRINA * BRUFANEUKOL * DAP * DEREUMA * DIMAPYRIN * DIMETHYLAMINO ANALGESINE * DIMETHYLAMINOANTIPYRINE * 4-(DIMETHYLAMINO)-ANTIPYRINE * DIMETHYLAMINOAZOPHENE * 4-DIMETHYLAMINO-2,3-DIMETHYL-1-PHENYL-3-PYRAZOLIN-5-ONE * 4-DIMETHYLAMINO-2,3-DIMETHYL-1-PHENYL-5-PYRAZOLONE * DIMETHYLAMINOPHENAZON (German) * DIMETHYLAMINOPHENAZONE * 4-DIMETHYLAMINOPHENAZONE * DIMETHYLAMINOPHENYLDIMETHYLPYRAZOLIN * 4-DIMETHYLAMINO-1-PHENYL-2,3-DIMETHYLPYRAZOLONE * 1,5-DIMETHYL-4-DIMETHYLAMINO-2-PHENYL-3-PYRAZOLONE * 2,3-DIMETHYL-4-DIMETHYLAMINO-1-PHENYL-5-PYRAZOLONE * DIPIRIN * DIPYRIN * DIPYRINE * FEBRININA * FEBRON * ITAMIDONE * 3-KETO-1,5-DIMETHYL-4-DIMETHYLAMINO-2-PHENYL-2,3-DIHYDROPYRAZOLE * KAMALLET-A * NETSUSARIN * NOVAMIDON * 1-PHENYL-2,3-DIMETHYL-4-DIMETHYLAMINOPYRAZOL-5-ONE * 1-PHENYL-2,3-DIMETHYL-4-DIMETHYLAMINOPYRAZOLONE-5 * PIRAMIDON * PIRIDOL * PIROMIDINA * POLINALIN * PYRADONE * PYRAMIDON * PYRAZMIDONE * 3H-PYRAZOL-3-ONE, 4-(DIMETHYLAMINO)-1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL- (9CI) * 3-PYRAZOLIN-5-ONE, 4-(DIMETHYLAMINO)-2,3-DIMETHYL-1-PHENYL-
MUTATION DATA AND REFERENCES:
mma-sat 31 umol/plate MUREAV 66,33,79

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

dni-mus:oth 100 mg/L ONCODU 19,183.80
otr-ham-orl 100 mg/kg IAPUDO 41,585.82
msc-ham-orl 100 mg/kg IAPUDO 41,585.82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T46T76T81 orl-rat TDLo:60 mg/kg (9-14D preg) SKNEA7 22,109.72
2T34T53 orl-rat TDLo:900 mg/kg (9-14D preg) SKNEA7 22,109.72
1T46 orl-mus TDLo:60 mg/kg (7-12D preg) SKNEA7 22,109.72
1T81 orl-mus TDLo:900 mg/kg (7-12D preg) SKNEA7 22,109.72
2T35T59 scu-mus TDLo:630 mg/kg (9-11D preg) TJADAB 16,118.77
1T45 scu-mus TDLo:630 mg/kg (9-11D preg) YKKZAJ 101,470.81
3T25T45T46 scu-mus TDLo:600 mg/kg (7-9D preg) RCOCB8 34,141.81
2T43T46 scu-mus TDLo:630 mg/kg (9-11D preg) TXCYAC 29,281.84

TOXICITY DATA AND REFERENCES:

unk-man LDLo:220 mg/kg 85DCAI 2,73,70
* orl-rat LD50:685 mg/kg IYKEDH 8,494,77
ipr-rat LD50:218 mg/kg ARZNAD 14,124,64
* scu-rat LD50:374 mg/kg OYYAA2 8,481,74
3F17F19J25 ivn-rat LD50:98 mg/kg OYYAA2 16,1011,78
ims-rat LD50:340 mg/kg ARZNAD 10,665,60
orl-mus LD50:358 mg/kg CHTPBA 5,211,70
* ipr-mus LD50:175 mg/kg USXXAM #4042699
* scu-mus LD50:248 mg/kg IYKEDH 8,494,77
3F17F19J25 ivn-mus LD50:78 mg/kg OYYAA2 16,1011,78
1F29 ims-mus LD50:306 mg/kg OYYAA2 13,109,77
1F29 ivn-dog LD50:121 mg/kg AIPTAK 149,571,64
orl-cat LDLo:100 mg/kg JPETAB 73,312,41
3F17F19J25 orl-rbt LD50:600 mg/kg OYYAA2 16,1011,78
scu-rbt LDLo:250 mg/kg HBAMAK 4,1289,35
3F17F19J25 ivn-rbt LD50:110 mg/kg OYYAA2 16,1011,78
orl-gpg LD50:910 mg/kg SMWOAS 84,351,54
2F12J30 ivn-gpg LD50:130 mg/kg AIPTAK 88,142,51
* ipr-ham LD50:380 mg/kg ARZNAD 20,1024,70
par-frg LDLo:900 mg/kg AEPPAE 166,437,32

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CD2635000 ANTIPYRINE, 4-(DIMETHYLAMINO)- mixed with SODIUM NITRITE (1:1)

UPDT 8406 MW: 300.33 MOLFM: C13-H17-N3-O N-Na-O2

SYN: AMINOPHENAZONE mixed with SODIUM NITRITE (1:1) * AMINOPYRINE mixed with SODIUM NITRITE (1:1) * 4-(DIMETHYLAMINO)ANTIPYRINE mixed with SODIUM NITRITE (1:1) * SODIUM NITRITE mixed with 4-(DIMETHYLAMINO)ANTIPYRINE (1:1) * SODIUM NITRITE mixed with AMINOPYRINE (1:1)

MUTATION DATA AND REFERENCES:

mmo-sat 1 mg/plate TOLED5 12,281,82
mma-sat 1 mg/plate TOLED5 12,281,82
cyt-rat-orl 600 mg/kg MFEPDX 1,225,79
hma-mus/sat 2 mmol/L/kg ARTODN (Suppl 4),49,80
hma-mus/esc 10 mg/kg CBINA8 35,199,81

TUMORIGENIC DATA AND REFERENCES:

2V01L60 orl-rat TDLo:3438 mg/kg/50W-I NATUAS 244,176,73
3V01J60L60 orl-rat TD :10 gm/kg/40W-I IARCCD 14,461,76
3V01J60L60 orl-rat TD :8000 mg/kg/40W-I IARCCD 14,461,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CD2975000 ANTIPYRINE, 4-(ISOPROPYLAMINO)-

UPDT 8406 CAS: 3615-24-5 MW: 245.36 MOLFM: C14-H19-N3-O

SYN: ISOPIRINA * ISOPROPYLAMINOANTIPYRINE * 4-(ISOPROPYLAMINO)ANTIPYRINE * 4-ISOPROPYLAMINO-2,3-DIMETHYL-1-PHENYL-3-PYRAZOLIN-5-ONE * ISOPROPYLAMINOPHENAZON * ISOPROPYLAMINOPHENAZONE * 4-ISOPROPYLAMINO-1-PHENYL-2,3-DIMETHYL-3-PYRAZOLIN-5-ONE * ISOPYRIN * ISOPYRINE * 4-MONOISOPROPYLAMINO-1-PHENYL-2,3-DIMETHYL-5-PYRAZOLONE * 1-PHENYL-2,3-DIMETHYL-4-(ISOPROPYLAMINO)-2-PYRAZOLIN-5-ONE * 1-PHENYL-2,3-DIMETHYL-4-ISOPROPYLAMINOPYRAZOLONE * 3H-PYRAZOL-3-ONE, 1,2-DIHYDRO-1,5-DIMETHYL-4-((1-METHYLETHYL)AMINO)-2-PHENYL- (9CI) * TOMANOL WIRKSTOFF

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:715 mg/kg ARZNAD 20,1024,70
ivn-rat LD50:450 mg/kg ARZNAD 10,665,60
ims-rat LD50:820 mg/kg ARZNAD 10,665,60
* orl-mus LD50:1070 mg/kg ARZNAD 20,1024,70
* ipr-mus LD50:843 mg/kg ARZNAD 20,1024,70
* ivn-mus LD50:370 mg/kg AEPPAE 233,365,58
* ipr-ham LD50:567 mg/kg ARZNAD 20,1024,70

CD2995850 ANTIPYRINE, 4-(METHYLAMINO)-

UPDT 8306 CAS: 519-98-2 MW: 217.30 MOLFM: C12-H15-N3-O

SYN: METHYLAMINOANTIPYRINE * N-METHYLAMINOANTIPYRINE * 4-(METHYLAMINO)ANTIPYRINE * METHYLAMINOPHENAZONE * N-METHYLAMINOPHENAZONE * 4-METHYLAMINOPHENAZONE * MONOMETHYLAMINOANTIPYRINE * 4-MONOMETHYLAMINOANTIPYRINE * 4-MONOMETHYLAMINOPHENAZONE * N-A-P * NORAMIDOPYRINE * NORAMINOPYRINE * 3H-PYRAZOL-3-ONE, 1,2-DIHYDRO-1,5-DIMETHYL-4-(METHYLAMINO)-2-PHENYL-

TOXICITY DATA AND REFERENCES:

1F29 orl-mus LD50:7000 mg/kg APFRAD 35,489,77

CD2996100 ANTIPYRINE, 4-(4-(3-METHYL-2-PHENYLMORPHOLINO)METHYL)-, GENTISATE

UPDT 8406 MW: 531.66 MOLFM: C23-H27-N3-O2 C7-H6-O4

SYN: 4-(4-(3-METHYL-2-PHENYLMORPHOLINO)METHYL)ANTIPYRINE GENTISATE * R-445-G

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:300 mg/kg JAPMA8 49,298,60

CD2996200 ANTIPYRINE, 4-(4-(3-METHYL-2-PHENYLMORPHOLINO)METHYL)-, HYDROCHLORIDE

UPDT 8407 MW: 413.99 MOLFM: C23-H27-N3-O2 Cl-H

SYN: 1-PHENYL-2,3-DIMETHYL-4-(PHENYL-METHYL-MORPHOLINO)METHYLPYRAZOLON HYDROCHLORID (German) * 4-(4-(2-PHENYL-3-METHYLMORPHOLINO)METHYL)ANTIPYRINE HYDROCHLORIDE * R 445 H

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:260 mg/kg JAPMA8 49,298,60
scu-mus LD50:115 mg/kg ARZNAD 8,421,58

ANTIPYRINE SALICYLATE see: VO1740000
N-ANTIPYRINYL-alpha-BENZYL-1,3-DIOXO-2-ISOINDOLINEACETAMIDE see: NR3427000
N-(1-(ANTIPYRINYLCARBAMOYL)ETHYL)BENZAMIDE see: CV2345200
N-((ANTIPYRINYLCARBAMOYL)METHYL)BENZAMIDE see: CV2345230
N-(1-(ANTIPYRINYLCARBAMOYL)-3-METHYLBUTYL)BENZAMIDE see: CV2345240
N-(1-(ANTIPYRINYLCARBAMOYL)-2-METHYLPROPYL)BENZAMIDE see: CV2345250
N-(3-(ANTIPYRINYLCARBAMOYL)PENTYL)BENZAMIDE see: CV2345280
N-(1-(ANTIPYRINYLCARBAMOYL)PROPYL)BENZAMIDE see: CV2345300
N-ANTIPYRINYL-2-(DIMETHYLAMINO)PROPIONAMIDE see: UE3090300
N-ANTIPYRINYL-1,3-DIOXO-alpha-ETHYL-2-ISOINDOLINEACETAMIDE see: NR3427100
N-ANTIPYRINYL-1,3-DIOXO-alpha-ISOPROPYL-2-ISOINDOLINEACETAMIDE see: NR3427200
N-ANTIPYRINYL-1,3-DIOXO-alpha-METHYL-2-ISOINDOLINEACETAMIDE see: NR3427300
o-((ANTIPYRINYLIMINO)METHYL)BENZOIC ACID SODIUM SALT see: DG3380000
N-ANTIPYRINYL-p-IODOBENZAMIDE see: CV2345350
N-ANTIPYRINYL-m-IODO-N-ISOPROPYLBENZAMIDE see: CV2345370
N-ANTIPYRINYL-o-IODO-N-ISOPROPYLBENZAMIDE see: CV2345371
N-ANTIPYRINYL-p-IODO-N-ISOPROPYLBENZAMIDE see: CV2345372
N-ANTIPYRINYL-2-(p-IODOPHENYL)ACETAMIDE see: AB4542100
N-ANTIPYRINYL-3-IODO-p-TOLUAMIDE see: XS3604000
(ANTIPYRINYLMETHYLAMINO)METHANESULFONIC ACID SODIUM SALT see: PB1300000
ANTIRAD see: UM0175000
ANTIRADON see: UM0175000
ANTIREN see: TK7800000
ANTI-RUST see: RA1225000
ANTISACER see: MU1050000
ANTISACER see: MU1400000
ANTISAL 1a see: XS5250000
ANTISCORBIC VITAMIN see: CI7650000
ANTISCORBUTIC VITAMIN see: CI7650000
ANTISEPTOL see: BO7175000

CD3681500 ANTISERUM, to CYCLOOXYGENASE

UPDT 8402
SYN: ANTICYCLOOXYGENASE ANTISERUM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 ivn-rat TDLo:1 gm/kg (1D pre) PROMDL 7,29,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANTISERUM against the ISOZYME of LACTATE DEHYDROGENASE see: OD6900000
ANTISERUM, to LUTEINIZING HORMONE see: OK6368000

CD3684300 ANTISERUM, MONKEY, to LUTEINIZING HORMONE, OVINE

UPDT 8402
SYN: MONKEY ANTISERUM to OVINE LUTEINIZING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 unk-rat TDLo:2500 ug/kg (1D pre) CCPTAY 12,137,75
1T29 ims-mky TDLo:3 gm/kg (18-20D preg) CCPTAY 12,137,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CD3684700 ANTISERUM, to PROLACTIN

UPDT 8402
SYN: ANTISERUM to RAT PROLACTIN * AS-PRL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T17 par-rat TDLo:38 gm/kg (19D preg) JRPFA4 43,571,75
2T13T29 scu-mus TDLo:4 gm/kg (1D pre) BIREBV 15,311,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CD3684800 ANTISERUM, against PROSTAGLANDIN F2-alpha, lyophilized

UPDT 8407
SYN: ANTI-PGF SERUM, lyophilized

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 par-rbt TDLo:50 ug/kg (1D pre) LIFSAK 14,129,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANTISERUM, RABBIT, to LUTEINIZING HORMONE, OVINE see: OK6368000
ANTISERUM, to RAT PROLACTIN see: CD3684700
ANTISERUM, to SPERM SPECIFIC LACTATE DEHYDROGENASE see: OD6900000
ANTISOL 1 see: KX3850000
ANTISTERILITY VITAMIN see: DJ2900000
ANTISTIN see: NJ2000000
ANTISTINE see: NJ2000000
ANTISTINE HYDROCHLORIDE see: NJ2150000
ANTISTOMINUM see: KR6825000
ANTISTREPT see: WO8400000
ANTI-STRESS see: SC4900000
ANTITROMBOSIN see: GN7875000
ANTITUBERKULOSUM see: NS1750000
ANTIULCERA MASTER see: TL2380000
ANTIVERM see: SN5075000
ANTI-VITAMIN E see: RI9759000
ANTIVITIUM see: JO1225000
ANTIXEROPHTHALMIC VITAMIN see: VH6750000
ANTOBAN see: TL3485000
ANTODYNE see: TZ1050000
ANTOFIN see: QC7700000
ANTOL see: AF6000000
ANTOMIN see: KR6825000
ANTOR see: MB9200000
ANTORA see: RZ2620000
ANTORFIN see: QC7700000
ANTORPHINE see: QC7700000
ANTOSTAB see: TU4517000
ANTOX see: CC5650000
ANTOXYLIC ACID see: CF7875000
ANTRACOL see: ZH4950000
ANTRADERM see: CB1225000
ANTRAFENINE see: TM0806000
ANTRAMYCIN see: UY8429000
ANTRANCINE 3 see: GO7875000
ANTRANCINE 12 see: SL1945000
ANTRAPUROL see: CB6650000
ANTRENIL see: BP7625000
ANTRENYL see: BP7625000
ANTRENYL BROMIDE see: BP7625000
1-ANTRHACYLAMINE see: CA9100000

CD5050000 ANTROL

DEF: A commercial ant poison containing SODIUM ARSENITE (CTOXAO 17,451,80)
UPDT 8107

TOXICITY DATA AND REFERENCES:

3K12K13M03 orl-man TDLo:5710 ug/kg CTOXAO 17,451,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air,TWA 10 ug(As)/m3 FEREAC 43,19584,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ANTRYPOL see: QM7000000
ANTU see: YT9275000
ANTUITRIN S see: MD6953000
ANTURAT see: YT9275000
ANTUSSAN see: QD0222000
ANTYMON (Polish) see: CC4025000
ANTYMONOWODOR (Polish) see: WJ0700000
ANTYPERZ see: AJ9100000
ANTYWYLEGACZ see: BP5250000
ANU see: YT9720000
ANURAL see: TZ0175000
ANUSPIRAMIN see: UQ8225000
ANVENE see: KG7550000
ANVITOFF see: GU8400000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

ANXIETIL see: TZ0175000
ANXINE see: TZ1225000
ANXIOLIT see: DF1400000
ANYVIM see: BW6650000
ANZIEF see: UR0785000
AO1 see: PA3500000
AO-2 see: NQ7860000
AO 10 see: TR0400000
AO 29 see: GO7875000
AO-40 see: DC3750000
AO 2246 see: PA3500000
AO A1 see: BD0330000
AOAA see: AF2624000
AO 1 (ANTIOXIDANT) see: PA3500000
AO 4K see: GO7875000
AOM see: PA2975000
AOMB see: DE1050000
AORAL see: VH6750000
AP see: US7700000
AP 2 see: TK9700000
4-AP see: US1750000
AP-14 see: UE3865000
17-AP see: TU5074000
AP 43 see: DF7875000
AP 43 see: DF7890000
AP 50 see: CC5650000
AP-237 see: TL0620000
AP 407 see: YM8400000
AP 1288 see: DD3590000
6-APA see: XH8225000
ARABINOSYLTHYMINE see: XP2100200
APACHLOR see: TB8750000
APACIL see: VO1225000
APACIZIN see: VO1638000
APADODINE see: MF1750000
APADODINE see: QE0610000
APADON see: AE4200000
APADRIN see: TC4375000
APAETP see: TE6491000
A. PALLENS VENOM see: YX4179700
APAMID see: AE4200000
APAMIDE see: AE4200000
APAMIDON see: TC2800000

CD6899900 APAMIN
UPDT:8412 CAS: 24345-16-2 MW: 2027.65 MOLFM: C79-H131-N31-O24-S4
SYN: APAMINE
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:3800 ug/kg	TOXIA6 22,308,84
2F13F17	ivn-mus LD50:4 mg/kg	NSAPCC 300,189,77
*	ice-mus LD50:1800 ng/kg	TOXIA6 22,308,84
*	par-mus LD50:600 mg/kg	TOXIA6 20,157,82

APAMINE see: CD6899900
APAMINE see: SH5075000

CD6910000 APAMIN, OCTADECATYROSIN-YL-
UPDT:8408
SYN: (TYR(sup 18))APAMIN * (sup 18)-TYRAPAMIN
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2850 ug/kg	TOXIA6 20,157,82
*	ice-mus LD50:750 ng/kg	TOXIA6 20,157,82

APANG STEM BARK EXTRACT (Indian) see: AQ2998000
APAP see: AE4200000
APARASIN see: GV4900000
APARKAN see: TN2625000
APARKAZIN see: SO4375000
APAS see: VO1225000
APASCIL see: TZ0175000
APASIL see: TZ0175000
APATATE DRAPE see: XI6550000
APATE DROPS see: XI7350000
APAURIN see: DF1575000
APAVAP see: TC0350000
APAVINPHOS see: GQ5250000
APAZONE see: UQ9835000
APAZONE DIHYDRATE see: UQ9840000
APC see: AM4375000
APC see: DG0935000
APC see: FB8400000
APCO 2330 see: SS7700000
APC (PHARMACEUTICAL) see: DG0935000
APELAGRIN see: QT0525000
APERFLAVON see: UO7452000
APESAN see: FB3325000
APETAIN see: SI1400000
APEX 4 see: WI2900000
APEX 462-S see: UB0350000
APEXOL see: VH6750000
APGA see: MA1050000
APH see: AJ2900000
APHALON see: YS9100000
APHAMITE see: TF4550000
A 100 (PHARMACEUTICAL) see: NI2200000
APHENYLBARBIT see: CQ6825000
APHENYLETTEN see: CQ6825000
APHIDICOLIN see: PB9185000
APHIDICOLIN mixed with 5-FLUOROURACIL see: YR0365000
APHLOIOL see: OP1927800
APHOLATE see: XX9450000
APHOSAL see: FM9450000
APHOX see: EZ9100000
APHOXIDE see: SZ1750000
APHRODINE see: ZG1000000
APHRODINE HYDROCHLORIDE see: ZG1015000
APHROSOL see: ZG1000000
APHTIRIA see: GV4900000
APIGENIN see: LK9276000
APIGENINE see: LK9276000
APIGENIN TRIACETATE see: LK9279000
APIGENOL see: LK9276000
APIRELINA see: CD2450000
APIROLIO 1431 C see: DV8809000
APIS MELLIFERA VENOM see: YX4179650

CD8817000 APIUM GRAVEOLENS Linn., seed extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:

1M10	ipr-rat LD50:1 gm/kg	IJEBA6 16,228,78

APL see: MD6953000
APLAKIL see: DF1400000

CD8835000 APLASMOMYCIN
UPDT:8405 CAS: 61230-25-9 MW: 798.80 MOLFM: C40-H60-B-O14-Na
SYN: ICI 122,378
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:125 mg/kg	JANTAJ 29,1019,76
*	ivn-mus LD50:125 mg/kg	JANTAJ 30,77,77

APL (HORMONE) see: MD6953000
APLIDAL see: GV4900000
APLLOBAL see: UA5425000
APL-LUSTER see: DE0700000
APLODAN see: MF3600500

CD8860000 APLUDA MUTICA Linn., extract
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	IJEBA6 11,43,73

CD8870000 APLYSIATOXIN
UPDT:8408 CAS: 52659-57-1 MW: 671.70 MOLFM: C32-H47-Br-O10
MUTATION DATA AND REFERENCES:

	dns-mus:fbr 1 mg/L	SCIEAS 222,1242,83

APN see: XX9450000
beta-APN see: UG0700000
APO see: SZ1750000
APOATROPIN see: YM4025000
APOATROPINE see: YM4025000
APOCAMPHOR-1-CARBOXALDEHYDE see: RB6965800
APOCHOLIC ACID see: FZ5075000
APOCID ORANGE 2G see: QJ6500000
APOCYNAMARIN see: FH5425000
APOCYNIN see: AM8800000
APOCYNINE see: AM8800000
APODOL see: NS5250000
APOICA PALLENS VENOM see: YX4179700
APOIDINA see: MD6953000
APOLAN see: UE9480000
A 15 (POLYMER) see: AK0950000
APOMINE BLACK GX see: QJ6160000
APOMORFIN see: CE0700000
APOMORPHINE see: CE0700000
APOMORPHINE CHLORIDE see: HQ1750000
APOMORPHINE DIMER HYDROCHLORIDE see: CE0745000
APOMORPHINE HYDROCHLORIDE see: HQ1750000
(-)-APOMORPHINE HYDROCHLORIDE see: HQ1750000
APOMORPHINE HYDROCHLORIDE HEMIHYDRATE see: CE0800000
(-)-APOMORPHINE HYDROCHLORIDE HEMIHYDRATE see: CE0800000
APOMORPHINIUM CHLORIDE see: HQ1750000
APOMORPHINIUM CHLORIDE HEMIHYDRATE see: CE0800000
(-)-APOMORPHINIUM HYDROCHLORIDE see: HQ1750000
APONEURON see: AM1050000
APONORIN see: DK8925000
APOPLON see: ZG0350000
APRICOT KERNELS see: UL3530000
APORMORPHINE see: CE0700000

CE0190000 APOROSA DIOICA Muell.-Arg., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: KHOJDOI EXTRACT
TOXICITY DATA AND REFERENCES:

2H30J30	ipr-mus LD50:500 mg/kg	IJEBA6 11,43,73

CE0195000 6a-alpha-APORPHINE, 3-(AMINOMETHYL)-1,2,9,10-TETRAMETHOXY-, DIHYDROCHLORIDE
UPDT:8305 MW: 457.44 MOLFM: C22-H28-N2-O4-2Cl-H
SYN: 3-(AMINOMETHYL)-1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHINE DIHYDROCHLORIDE * 1,2,9,10-TETRAMETHOXY-3-METHYLAMINE-6a-alpha-APORPHINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

3F11F19J30	ipr-mus LD50:400 mg/kg	APPBDI 5,3,79

CE0270000 APORPHINE, 6a,7-DIDEHYDRO-7-METHYL-1,2,9,10-TETRAMETHOXY-, HYDROCHLORIDE
UPDT:8305 CAS: 74642-56-1 MW: 403.94 MOLFM: C22-H25-N-O4-Cl-H
SYN: 6a,7-DIDEHYDRO-7-METHYL-1,2,9,10-TETRAMETHOXYAPORPHINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1300 mg/kg	APPBDI 5,3,79

CE0340000 APORPHINE, 1,2-DIMETHOXY-
UPDT:8401 CAS: 5868-18-8 MW: 295.41 MOLFM: C19-H21-N-O2
SYN: 4H-DIBENZO(de,g)QUINOLINE, 5,6,6a,7-TETRAHYDRO-1,2-DIMETHOXY-6-METHYL-, (9CI) * 1,2-DIMETHOXYAPORPHINE * NUCIFERINE
TOXICITY DATA AND REFERENCES:

1F12	ipr-mus LD50:42 mg/kg	JPMSAE 61,813,72

CE0350000 6a-beta-APORPHINE, 1,2-DIMETHOXY-
UPDT:8312 CAS: 475-83-2 MW: 295.41 MOLFM: C19-H21-N-O2
SYN: 4H-DIBENZO(de,g)QUINOLINE, 5,6,6a,7-TETRAHYDRO-1,2-DIMETHOXY-6-METHYL-, (R)-, (9CI) * 1,5,6-DIMETHOXYAPORPHINE * (R)-1,2-DIMETHOXYAPORPHINE * (-)-NUCIFERINE * NUCIFERIN * NUCIFERINE * (-)-NUCIFERINE * I-NUCIFERINE
TOXICITY DATA AND REFERENCES:

2F07D28	orl-rat LD50:280 mg/kg	AIPTAK 197,261,72
3D28U26F12	orl-mus LD50:240 mg/kg	AIPTAK 197,261,72
1F12	ipr-mus LD50:83 mg/kg	JPMSAE 61,813,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ARELIX see: DG3102000

CE0700000 6a-beta-APORPHINE-10,11-DIOL
UPDT:8411 CAS: 58-00-4 MW: 267.35 MOLFM: C17-H17-N-O2
SYN: APOMORFIN * APOMORPHINE * APORMORPHINE * 4H-DIBENZO(de,g)QUINOLINE-10,11-DIOL, 5,6,6a,7-TETRAHYDRO-6-METHYL
MUTATION DATA AND REFERENCES:

	mma-sat 20 ug/plate	MUREAV 137,17,84
	mma-sat 200 ug/plate	MUREAV 137,17,84

TOXICITY DATA AND REFERENCES:

	ivn-rat LDLo:40 mg/kg	ARZNAD 10:1003,60
2F13F18	orl-mus LD50:300 mg/kg	FRPSAX 35,951,80
	ipr-mus LD50:160 mg/kg	JMCMAR 15,348,72
	scu-mus LDLo:13 mg/kg	HBAMAK 4,1289,35

BEST COPY AVAILABLE

ivn-mus LD50:56 mg/kg CSLNX* NX#03170
scu-dog LDLo:50 mg/kg HBAMAK 4,1289,35
ivn-dog LDLo:80 mg/kg 85ESA3 9,101,76
rec-cat LDLo:50 mg/kg HBAMAK 4,1289,35
scu-rbt LDLo:5 mg/kg HBAMAK 4,1289,35
ivn-rbt LDLo:10 mg/kg HBAMAK 4,1289,35
scu-pgn LDLo:200 mg/kg HBAMAK 4,1289,35
scu-frg LDLo:300 mg/kg HBAMAK 4,1289,35

CE0710000 APORPHINE-10,11-DIOL, DIACETATE
UPDT:83*2 CAS: 6191-56-6 MW: 351.43 MOLFM: C21-H21-N-O4
SYN: 4H-DIBENZO(de,g)QUINOLINE-10,11-DIOL, 5,6,6a,7-TETRAHYDRO-6-METHYL-, DIACETATE (ester)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:40 mg/kg JPMSAE 65,1682,76

CE0745000 APORPHINE-10,11-DIOL, DIMER, HYDROCHLORIDE
UPDT:8312 CAS: 61367-89-3 MOLFM: (C17-H17-N-O2)2 .xCl-H
SYN: APOMORPHINE DIMER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg JPMSAE 65,1682,76

6a-beta-APORPHINE-10,11-DIOL, HYDROCHLORIDE see: HQ1750000

CE0800000 6a-beta-APORPHINE-10,11-DIOL, HYDROCHLORIDE, HEMIHYDRATE
UPDT:8307 CAS: 314-19-2 MW: 312.79 MOLFM: C17-H17-N-O2 .Cl-H .1/2H2O
SYN: APOMORPHINE HYDROCHLORIDE HEMIHYDRATE * (-)-APOMORPHINE HYDROCHLORIDE HEMIHYDRATE * APOMORPHINIUM CHLORIDE HEMIHYDRATE * 4H-DIBENZO(de,g)QUINOLINE-10,11-DIOL, 5,6,6a,7-TETRAHYDRO-6-METHYL-, HCl, (R)-, HEMIHYDRATE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:128 mg/kg PSCHDL 75,391,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CE0905000 6a-alpha-APORPHINE-3-METHANOL, 1,2,9,10-TETRAMETHOXY-, HYDROCHLORIDE
UPDT:8305 CAS: 74626-43-0 MW: 421.96 MOLFM: C22-H27-N-O5 .Cl-H
SYN: 1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHINE-3-METHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F11F12 ipr-mus LD50:180 mg/kg APPBDI 5,3,79

CE0930000 6a-alpha-APORPHINE, 1,2,9,10-TETRAMETHOXY-, HYDROCHLORIDE
UPDT:8408 CAS: 2269-06-9 MW: 391.93 MOLFM: C21-H25-N-O4 .Cl-H
SYN: GLAUCINE HYDROCHLORIDE * 1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:545 mg/kg FATOAO 46(4),100,83
* ipr-rat LD50:143 mg/kg FATOAO 46(4),100,83
2F07F18 orl-mus LD50:430 mg/kg PCJOAU 10,134,76
3F11F12F19 ipr-mus LD50:120 mg/kg APPBDI 5,3,79
2F07F18 scu-mus LD50:420 mg/kg PCJOAU 10,134,76
2F07F18 ivn-mus LD50:54 mg/kg PCJOAU 10,134,76
* ipr-gpg LD50:140 mg/kg FATOAO 46(4),100,83

CE0935000 6a-alpha-APORPHINE, 1,2,9,10-TETRAMETHOXY-, 6-OXIDE
UPDT:8305 CAS: 72498-23-8 MW: 371.47 MOLFM: C21-H25-N-O5
SYN: 1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHINE 6-OXIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg APPBDI 5,3,79

CE0936000 6a-alpha-APORPHINE, 1,2,9,10-TETRAMETHOXY-, PHOSPHATE, dl-
UPDT:8312 MW: 455.50 MOLFM: C21-H28-N-O4 .H3-O4-P
SYN: DL-832 * dl-GLAUCINE PHOSPHATE * dl-GLAUCINPHOSPHAT (German) * dl-1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHINE PHOSPHATE
TOXICITY DATA AND REFERENCES:
2F12J25 orl-mus LD50:401 mg/kg ARZNAD 33,936,83
3F05F12J25 ipr-mus LD50:272 mg/kg ARZNAD 33,936,83
3F12F25J30 scu-mus LD50:311 mg/kg ARZNAD 33,936,83
3F05F12F17 ivn-mus LD50:98 mg/kg ARZNAD 33,936,83

CE0970000 6a-alpha-APORPHINIUM, 1,11-DIHYDROXY-2,10-DIMETHOXY-6-METHYL-, CHLORIDE
UPDT:8406 CAS: 6681-18-1 MW: 377.90 MOLFM: C20-H24-N-O4 .Cl
SYN: CORYTUBERINE METHOCHLORIDE * ESCHOLINE CHLORIDE * MAGNOFLORINE CHLORIDE * THALICTRINE CHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F12J30 ipr-mus LD50:19600 ug/kg JJPAAZ 7,135,58

CE0990000 APORPHINIUM, 10,11-DIHYDROXY-6-PROPYL-, IODIDE
UPDT:8312 CAS: 61389-43-3 MW: 437.35 MOLFM: C20-H24-N-O2 .I
SYN: 4H-DIBENZO(de,g)QUINOLINIUM, 5,6,6a,7-TETRAHYDRO-6-METHYL-6-PROPYL-, IODIDE (R)- * 10,11-DIHYDROXY-6-PROPYLAPORPHINIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5600 ug/kg JPMSAE 65,1682,76

CE1010000 6a-alpha-APORPHINIUM, 11-HYDROXY-1,2,10-TRIMETHOXY-6-METHYL-, CHLORIDE
UPDT:8406 CAS: 20911-73-3 MW: 391.93 MOLFM: C21-H26-N-O4 .Cl
SYN: ISOCORYDINE METHOCHLORIDE * LAENISPERINE CHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F12J30 ipr-mus LD50:12 mg/kg JJPAAZ 7,135,58

CE1040000 APORPHIN-1-OL, 2-METHOXY-
UPDT:8312 CAS: 22222-86-2 MW: 294.40 MOLFM: C19-H20-N-O2
SYN: 4H-DIBENZO(de,g)QUINOLIN-1-OL, 5,6,6a,7-TETRAHYDRO-2-METHOXY-6-METHYL- * 6-HYDROXY-2-METHOXYAPORPHINE * 2-METHOXYAPORPHIN-1-OL
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:69 mg/kg JPMSAE 61,813,72

CE1050000 6a-alpha-APORPHIN-11-OL, 10-METHOXY-1,2-(METHYLENEDIOXY)-
UPDT:8403 CAS: 298-45-3 MW: 325.39 MOLFM: C19-H19-N-O4
SYN: 6-ISOBOCAPNINE * d-BULBOCAPNINE * 4-HYDROXY-3-METHOXY-5,6-METHYLENEDIOXY-APORPHIN
TOXICITY DATA AND REFERENCES:
scu-mus LD50:195 mg/kg JPETAB 56,85,36
1E15 ipr-mus LD50:145 mg/kg AIPTAK 155,69,65
* scu-mus LD50:195 mg/kg MEIEDD 10,205,83
ivn-mus LD50:79 mg/kg CSLNX* NX#12068

APOSULFATRIM see: UV8240000
APOTHESINE see: GD8900000
3-alpha,16-alpha-APOVINCAMINIC ACID ETHYL ESTER see: JW4792000
A-POXIDE see: DE9450000
APOZEPAM see: DF1575000
APPA see: TE2275000
APPETROL-SR see: TZ0175000
APPEX see: TB9100000
APPL-SET see: QJ0875000
APPRESINUM see: TH9000000
2-APQ see: UV1176500
APRALAN see: WK1970000
APRAMYCIN see: WK1970000
APRELAZINE see: TH9000000
APRESAZIDE see: TH9000000
APRESINE see: TH9000000
APRESOLIN see: TH8925000
APRESOLIN see: TH9000000
APRESOLINE see: TH8925000
APRESOLINE see: TH9000000
APRESOLINE-ESIDRIX see: TH9000000
APRESOLINE HCl see: TH9000000
APRESOLINE HYDROCHLORIDE see: TH9000000
APRESSIN see: TH8925000
APRESSIN see: TH9000000
APRESSOLINE see: TH9000000
APREZOLIN see: TH8925000
APREZOLIN see: TH9000000
APRIDOL see: SC4900000
APRINOX see: DK8225000
APROBAL see: UA5425000
APROBARBITAL see: CP6925000
APROBARBITONE see: CP8925000
APROBIT see: BR0990000
APROBIT see: SO6825000
APROBIT R see: BR0990000
APROCARB see: FC3150000
APROFEN see: UF2032500
APROFEN see: UF2032750
APROFENE HYDROCHLORIDE see: UF2032750
APROFEN HYDROCHLORIDE see: UF2032750
APROL 160 see: RH3560000
APROL 161 see: RH1405000
APRON see: AY6910000
APRONAL see: YT5775000
APRONALIDE see: YT5775000
APRON ZE see: AY6910000
APROPHEN see: UF2032500
APROPHEN HYDROCHLORIDE see: UF2032750
APROTININ see: YN5080000
APROZAL see: CP8925000
AP-S see: BS4027000
6-APS see: XH8225000
APSICAL see: ZG0350000
APSIN VK see: XH9275000
APTAL see: GQ7100000
APTIN see: UA5425000
APTINE see: UA5425000
APTOL DURILES see: UA5425000
APURIN see: UR0785000
APURINA see: DG9400000
APUROL see: UR0785000
APV see: KK8750000
APY-606 see: XI2277500
APYONINE AURAMINE BASE see: BY3500000
APYRON see: VO0780000
AQ 110 see: NX0500020
AQD see: NX0500010
AQL 208 see: NX0500000
AQUA AMMONIA see: BQ9625000
AQUA AMMONIA, solution (DOT) see: BQ9625000
AQUACAT see: GF8750000
AQUA CERA see: WI4025000
AQUACHLORAL see: FM8750000
AQUACIDE see: JM5690000
AQUACILLIN see: XH9450000
AQUACRINE see: KG8575000
AQUAFIL see: VV7310000

CE3990000 AQUA-FIX
DEF Modified polysaccharide polymer (FMCHA2 - C16,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:15380 mg/kg FMCHA2 -,C16,83

AQUA FORTIS see: QU5775000
AQUAKAY see: QL9100000
AQUA-KLEEN see: AG6825000
AQUALIN see: AS1050000
AQUALINE see: AS1050000
AQUAMOLLIN see: AH5075000
AQUAMOX SODIUM see: VA1680000
AQUAMYCETIN see: AB6825000
AQUAPEL (POLYSACCHARIDE) see: GM5090000
AQUAPLAST see: FJ5950000
AQUA REGIA see: MW4100000
AQUAREX METHYL see: WT1050000
AQUARILLS see: DK9100000
AQUARIUS see: DK9100000
AQUASOL A see: VH6860000
AQUASUSPEN see: XH9450000
AQUASYNTH see: VH6750000
AQUATAG see: DK8400000
AQUATENSEN see: DK8575000
AQUATHOL see: RN7875000
AQUATIN see: WH6860000
AQUATRINE see: GS4360000
AQUA-VEX see: UF8225000
AQUAVIRON see: XA3115000
AQUAZINE see: XY5250000

CE5620000 AQUILEGIA VULGARIS Linn., extract excluding roots
DEF Indian plant belonging to the family RANUNCULACEAE. (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1-102 ipr-rat LD50:300 mg/kg IJEBA6 16,228,78

CE5650000 AQUILIDE A
DEF A mutagenic compound isolated from bracken fern. (CRNGDP 4,1587,83)
UPDT:8403
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate CRNGDP 4,1587,83

AQUINONE see: QL9100000
AQUIREL see: DK9610000
AR2 see: BD0330000
AR 3 see: FF5250100
AR-12 see: FB9895000
AR-17 see: BR4550000
AR-18 see: VC3960000
AR-32 see: CY1225000
A 60-20R see: YQ3325000

BEST COPY AVAILABLE

A 60-70R see: TQ3325000
AR 12008 see: XZ5700000
ARA-A see: AU6200000
ARA-A see: AU6210000
ARA-ATP see: AU7416000

CE5945000 ARABIC GUM
UPDT 8412 CAS: 9000-01-5
SYN: ACACIA * ACACIA DEALBATA GUM * ACACIA GUM * ACACIA SENEGAL * ACACIA SYRUP * AUSTRALIAN GUM * GUM ACACIA * GUM ARABIC * GUM OVALINE * GUM SENEGAL * INDIAN GUM * NCI-C50748 * SENEGAL GUM * STARSOL No. 1 * WATTLE GUM
IRRITATION DATA AND REFERENCES:
eye-rbt 36 mg/SH SEV AROPAW 78,384.67
TOXICITY DATA AND REFERENCES:
orl-rbt LD50:8000 mg/kg FDRLI* 124,-76
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE RAT (NTPTR* NTP-TR-227,82)
REPORTED IN EPA TSCA INVENTORY, 1983

ARABINOCYTIDINE see: HA5425000
9-beta-D-ARABINOFURANOSYLADENINE see: AU6200000
9-beta-D-ARABINOFURANOSYLADENINE MONOHYDRATE see: AU6210000
9-beta-D-ARABINOFURANOSYLADENINE 5'-TRIPHOSPHATE see: AU7416000
1-beta-D-ARABINOFURANOSYL-4-AMINO-2(1H)PYRIMIDINONE see: HA5425000
1-beta-D-ARABINOFURANOSYL-5-AZACYTOSINE see: XZ2854400
1-ARABINOFURANOSYLCYTOSINE see: HA5425000
1-beta-ARABINOFURANOSYLCYTOSINE see: HA5425000
1-(beta-D-ARABINOFURANOSYL)CYTOSINE see: HA5425000
1-beta-D-ARABINOFURANOSYLCYTOSINE, 2,2'-ANHYDRO-, HYDROCHLORIDE see: LV2615000
1-beta-D-ARABINOFURANOSYLCYTOSINE HYDROCHLORIDE see: HA5500000
1-beta-D-ARABINOFURANOSYLCYTOSINE MONOHYDROCHLORIDE see: HA5500000
N-(1-beta-D-ARABINOFURANOSYL-1,2-DIHYDRO-2-OXO-4-PYRIMIDINYL)DOCOSANAMIDE see: JR1230400
9-beta-D-ARABINOFURANOSYL-2-FLUOROADENINE see: AU6207000
1-beta-D-ARABINOFURANOSYL-5-FLUOROCYTOSINE see: HA5450000
9-beta-D-ARABINOFURANOSYL-9H-FLUORENE-6-AMINE MONOHYDRATE see: AU6210000
1-beta-D-ARABINOFURANOSYLTHYMINE see: XP2100200
ARABINOFURANOSYLURACIL see: YQ8818000
1-beta-D-ARABINOFURANOSYLURACIL see: YQ8818000
ARABINOSYLADENINE see: AU6200000
beta-D-ARABINOSYLADENINE see: AU6200000
9-ARABINOSYLADENINE see: AU6200000
ARABINOSYLCYTOSINE see: HA5425000
beta-D-ARABINOSYLCYTOSINE see: HA5425000
ARABINOSYLCYTOSINE HYDROCHLORIDE see: HA5500000
ARABINOSYLCYTOSINE TRIPHOSPHATE see: HA5590000
ARABINOSYLCYTOSINE 5'-TRIPHOSPHATE see: HA5590000
ARABINOSYLURACIL see: YQ8818000
ARABOGALACTAN see: OE5840000
ARAB RAT DETH see: GN4550000
ARA-C see: HA5425000
ARACET APV see: TR8100000
ARACHIC ACID see: JX3780000
ARACHIDIC ACID see: JX3780000
ARACHIDONATE see: CE6675000

CE6675000 ARACHIDONIC ACID
UPDT 8407 CAS: 506-32-1 MW: 304.52 MOLFM: C20-H32-O2
SYN: ARACHIDONATE * (all-Z)-5,8,11,14-EICOSATETRAENOIC ACID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:80 ug/kg (1D pre) FESTAS 25,636.74
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:100 mg/kg THBRAA 9,67.76
2J22J30 ivn-mus LD50:33 mg/kg JPETAB 224,369.83
ivn-rbt LDLo:1 mg/kg THBRAA 9,67.76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ARACHIDONIC ACID SODIUM SALT see: JX3874000
ARACHIS OIL see: RX2830000
ARACID see: DB5600000
ARACIDE see: WT2975000
ARA-CP see: UW7350800
ARA-C PALMITATE see: UW7350800
ARA-CTP see: HA5590000
ARA-CYTIDINE see: HA5425000
ARACYTIDINE HYDROCHLORIDE see: HA5500000
ARA-FC see: HA5450000
ARALDITE 6010 see: TX3800000
ARALDITE ERE 1359 see: VH1050000
ARALDITE 6010 mixed with ERR 4205 (1:1) see: RN9110000
ARALDITE HARDENER HY 951 see: YE6650000
ARALDITE HY 951 see: YE6650000
ARALEN see: VB2360000
ARALEN DIPHOSPHATE see: VB2450000
ARALEN PHOSPHATE see: VB2450000
ARALO see: TF4550000
ARALOSIDE (BCI) see: FM3374500
ARAMITE see: WT2975000
ARAMITEARARAMITE-15W see: WT2975000
ARAMITE-15W see: WT2975000
ARANCIO CROMO (Italian) see: OF9800000
ARASAN see: JO1400000
ARASAN 70 see: JO1400000
ARASAN 75 see: JO1400000
ARASAN-M see: JO1400000
ARASAN 42-S see: JO1400000
ARASAN-SF see: JO1400000
ARASAN-SF-X see: JO1400000
ARATAN see: OW0875000
ARA-U see: YQ8818000
ARAURIDINE see: YQ8818000
ARATEN PHOSPHATE see: VB2625[illegible]
ARATHANE see: GQ5775000
ARATRON see: WT2975000
ARBAPROSTIL see: UK7895000
ARBITEX see: GV4900000
ARBOGAL see: TG0350000
ARBORICID see: AJ8485000
ARBOROL see: GO9625000
ARBOTECT see: DE0700000
ARBOTECT see: DE0900000
ARBOTECT S see: DE0900000
ARBOTECT 20-S see: DE0900000
ARBUZ see: RU4950000
ARCACIL see: XH9275000
ARCADINE see: DD2800000
ARCASIN see: XH9275000
ARCHARA EXTRACT (Indian) see: LE3460000
ARCHIDYN see: VJ7000000
ARCOBAN see: TZ0175000
ARCOMONOL TABLETS see: UQ6420000
ARCOSOLV see: JM1575000
ARCOTRATE see: RZ2620000
ARCTIGENIN MUSTARD see: LU3483000
ARCTIOPICRIN see: LY4305000
ARCTIOPIKRIN see: LY4305000

CE9244000 ARCTIUM LAPPA Linn., root extract
DEF: Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228.78)
UPDT 8411
TOXICITY DATA AND REFERENCES:
2G07M10 ipr-rat LD50:700 mg/kg IJEBA6 16,228.78

ARCTON see: PB6900000
ARCTON 0 see: FG4920000
ARCTON 3 see: PA6410000
ARCTON 4 see: PA6390000
ARCTON 6 see: PA8200000
ARCTON 7 see: PA8400000
ARCTON 9 see: PB6125000
ARCTON 33 see: KI1101000
ARCTON 50 see: KH8008000
ARCTON 114 see: KI1101000
ARCTUVIN see: MX3500000
ARCUM R-5 see: ZG0350000
ARDALL see: VO5075000
ARDEX see: SI1400000
AR-DF 26 SODIUM see: DB1584500

CE9546000 ARDISIA ELLIPTICA, bark or leaf extract
UPDT 8307
TOXICITY DATA AND REFERENCES:
1D35 ipr-mus LD50:125 mg/kg CPBTAL 13,882.65

CE9547000 ARDISIA MACROCARPA Wall., extract excluding roots
DEF: Indian plant belonging to the family MYRSINACEAE (IJEBA6 11,43.73)
UPDT 8302
SYN: BARE BANDRE EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 11,43.73

CE9547500 ARDISIA NERIIFOLIA Wall., extract excluding roots
DEF: Indian plant belonging to the family MYRSINACEAE (IJEBA6 15,208.77)
UPDT 8408
TOXICITY DATA AND REFERENCES:
3F07M10V30 ipr-mus LD50:25 mg/kg IJEBA6 15,208.77

CE9547600 ARDISIA RHYNCHOPHYLLA Clarke, extract
DEF: Indian plant belonging to the family MYRSINACEAE (IJEBA6 18,594.80)
UPDT 8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 18,594.80

CE9548000 ARDISIA SOLANACEA Roxb., extract excluding roots
DEF: Indian plant belonging to the family MYRSINACEAE (IJEBA6 7,250.69)
UPDT 8302
SYN: RAMKHARA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1000 mg/kg IJEBA6 7,250.69

ARDUAN see: TM3170000
ARECA CATECHU see: DS8150000

CE9560500 ARECA CATECHU Linn., fruit extract
DEF: Indian plant belonging to the family PALMAE (IJEBA6 18,594.80)
UPDT 8411
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:681 mg/kg IJEBA6 18,594.80

ARECA CATECHU Linn., nut extract see: DS8150000
ARECAIDINE see: QT2070800
ARECAIDINE METHYL ESTER see: QT2100000
ARECAINE see: QT2070800
ARECALINE see: QT2100000
ARECHIN see: VB2450000
ARECHOLINE see: QT2100000
ARECOLINE see: QT2100000
ARECOLINE BASE see: QT2100000
ARECOLINE BROMIDE see: QT2275000
ARECOLINE HYDROBROMIDE see: QT2275000
AREDION see: WR5850000
AREGINAL see: LQ8400000
ARELON see: YT0170000
AREKOLIN see: QT2100000
ARESIN see: YS6425000
ARESOL see: TY8400000
AREST see: UV9280000
ARETAN see: OW0875000
ARETAN 6 see: OW0875000
ARETAN-NIEUW see: OX0700000
ARETIT see: AF7140000
ARETIT see: SJ9800000
ARETIT (the phenol) see: AF7140000
AREZIN see: YS6425000
AREZINE see: YS6425000
ARFICIN see: VJ7000000
ARFONAD see: NJ6100000
ARFONAD CAMPHORSULFONATE see: NJ6100000
ARFONAD ROCHE see: NJ6100000

CF1649000 ARGEMONE OCHROLEUCA Sweet, extract
DEF: Indian plant belonging to the family PAPAVERACEAE (IJEBA6 18,594.80)
UPDT 8411
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594.80

ARGEMONE OIL mixed with MUSTARD OIL see: RI7450000
ARGENT FLUORURE (French) see: VW4200000
ARGENTIC FLUORIDE see: VW4200000
ARGENTOUS OXIDE see: VW4900000
ARGENTUM see: VW3500000
ARGENTUM CREDE see: VW3675000
ARGEZIN see: XY5600000

CF1935800 l-ARGININE, mixed with GLUCOSE
UPDT:8306
SYN: GLUCOSE mixed with l-ARGININE
MUTATION DATA AND REFERENCES:
mma-sat 1 pph ABCHA6 44,2521,80

CF1936000 ARGININE, GLUTAMATE, L-
UPDT:8405 CAS: 4320-30-3 MW: 320.38 MOLFM: C6-H14-N4-O2 C5-H8-N-O4
SYN: L-ARGININE GLUTAMATE * L-ARGININE L-GLUTAMATE (1:1) * GINAMATE * GLUTAMIC ACID compd. with L-ARGININE * GLUTARGIN * MODUMATE * NCI-C02120
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
L-ARGININE GLUTAMATE see: CF1936000
L-ARGININE L-GLUTAMATE (1:1) see: CF1936000
8-L-ARGININEOXYTOCIN see: RS7534500
ARGININE VASOTOCIN see: RS7534500
8-ARGININE VASOTOCIN see: RS7534500
ARGIPRESTOCIN see: RS7534500
ARGO BRAND CORN STARCH see: GM5090000

CF2300000 ARGON
UPDT:8401 CAS: 7440-37-1 MW: 39.95 MOLFM: Ar
SYN: ARGON-40 * ARGON (DOT) * ARGON liquid pressurized (DOT) * UN 1006 (DOT) * UN 1951 (DOT)
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ARGON-40 see: CF2300000
ARGON (DOT) see: CF2300000
ARGON, liquid pressurized (DOT) see: CF2300000
(ARG(sup 8))OXYTOCIN see: RS7534500
ARGUN see: AF2100000
ARG-VASOTOCIN see: RS7534500
8-ARG-VASOTOCIN see: RS7534500

CF2440000 ARGYREIA HOOKERI Clarke, extract
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
3H30J30U26 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

CF2441000 ARGYREIA POMACEA Chois., extract excluding roots
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1000 mg/kg IJEBA6 12,512,74

CF2442000 ARGYREIA SPECIOSA Sweet, seed extract
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: BUTARAK SEED EXTRACT
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69
ARGYROPHILIC ACID see: NZ8174000
ARIAVIT RED 2G see: QJ6030000
ARIBINE see: UV0280000
ARICHIN see: AR7875000
ARIFOLDIN see: VJ7000000
ARILATE see: DD6475000
ARINAMINE see: LQ0699000
ARIOTOX see: XF9900000

CF2760000 ARISAEMA SPECIOSUM (Wall.) Mart., tuber extract
DEF:Indian plant belonging to the family ARACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg IJEBA6 18,594,80
ARISAN see: YS6475000
ARISTAMID see: WO9270000
ARISTAMIDE see: WO9270000

CF2950000 ARISTEA COMPRESSA Buch., leaf and stem extract
DEF:Jamaican plant belonging to the family IRIDACEAE (JPPMAB 16,115,64)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:20 gm/kg JPPMAB 16,115,64
ARISTEROMYCIN see: GY4250000
ARISTOCORT see: TU3850000
ARISTOCORT ACETONIDE see: TU3920000
ARISTOCORT DIACETATE see: TU3950000
ARISTOCORT FORTE PARENTERAL see: TU3950000
ARISTOCORT SYRUP see: TU3950000
ARISTODERM see: TU3920000
ARISTOGEL see: TU3920000
ARISTOGYN see: WO9270000
ARISTOLIC ACID see: SF8278000
ARISTOLIC ACID METHYL ESTER see: SF8279000 PHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID,8-METHOXY-, METHYL ESTER

CF3140000 ARISTOLOCHIA INDICA L., bitter root extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-mus TDLo:50 mg/kg (6D preg) IJEBA6 15,428,77
1T27 orl-mus TDLo:15 mg/kg (6D preg) IJMRAQ 66,991,77
1T24 orl-mus TDLo:50 mg/kg (1D preg) IJEBA6 15,1197,77
1T29 orl-ham TDLo:50 mg/kg (4D preg) IJEBA6 15,428,77
TOXICITY DATA AND REFERENCES:
3K12M04U01 orl-mus LDLo:100 mg/kg IJMRAQ 66,991,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CF3145000 ARISTOLOCHIA INDICA Linn., extract
DEF:Indian plant belonging to the family ARISTOLOCHIACEAE (IJEBA6 15,208,77)
UPDT:8411
SYN: A. INDICA LINN., extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T01T02T03 orl-mus TDLo:525 mg/kg (7D male) IJEBA6 15,256,77
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ARISTOLOCHIC ACID see: CF3325000
ARISTOLOCHIC ACID-I see: CF3325000
ARISTOLOCHIC ACID, SODIUM SALT see: SF8281000

CF3325000 ARISTOLOCHINE
UPDT:8405 CAS: 1398-06-7 MW: 341.29 MOLFM: C17-H11-N-O7
SYN: ARISTOLOCHIC ACID * ARISTOLOCHIC ACID-I * BIRTHWORT * 8-METHOXY-6-NITROPHENANTHOL(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID * 3,4-METHYLENEDIOXY-8-METHOXY-10-NITRO-1-PHENANTHRENECARBOXYLIC ACID * NSC-50413 * PHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID, 8-METHOXY-, 6-NITRO-
MUTATION DATA AND REFERENCES:
mma-sat 200 ug/plate MUREAV 113,259,83
mma-sat 200 ug/plate MUREAV 113,259,83
TOXICITY DATA AND REFERENCES:
ivn-man LDLo:3 mg/kg/2D-I CNCRA6 42,35,64
ivn-mus LDLo:60 mg/kg FATOAO 28,74,65
ivn-cat LDLo:40 mg/kg FATOAO 28,74,65
ipr-rbt LDLo:1500 ug/kg FATOAO 28,74,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ARISTOPHYLLIN see: XH5100000
ARISTOSPAN see: TU3930000
1-ARIZIDINYL-BIS(DIMETHYLAMINO)PHOSPHINE OXIDE see: TA1460000
ARIZOLE see: BZ8925000
ARIZOLE see: TK5100000
ARJUN STEM BARK EXTRACT (Indian) see: WZ6265040
ARKADIN see: DD2800000
ARKITROPIN see: MS9000000
ARKOFIX NG see: NJ0607000
ARKOPAL N-090 see: MD0905000
ARKOTINE see: KJ3325000
ARKOZAL see: YS4550000
ARLACEL 60 see: WG2933500
ARLACEL 80 see: WG2932400
ARLACEL 161 see: RG1925000
ARLACEL 169 see: RG1925000
ARLACEL A see: WG2932400
ARLANTHRENE GOLDEN YELLOW see: HO7030000
AR-L 57BS see: NJ5731000
AR-L 100BS see: NJ5749000
AR-L 115BS see: NJ5749500
ARLEF see: CB4375000
ARLOSOL YELLOW S see: GE5925000
ARMACIDE see: NS1750000
ARMALIN see: UU9800000
ARMAZIDE see: NS1750000
ARMEEN 16D see: ML9100000
ARMEEN DM-12D see: JR6600000
ARMEEN L-7 see: MQ5425000
ARMEEN O see: RG4130000
ARMENIAN BOLE see: NO7400000
ARMILLARISIN A see: DJ2976500
ARMINE see: SZ8020000
ARMODOUR see: KV0350000
ARMOFOS see: YK4900000

CF5317000 ARMOISE OIL
DEF:CINEOLE and DEHYDROMATRICARIA ESTER are constituents and found in the perennial shrubARTEMISIA VULGARIS L. (FCTXAV 13,681,75)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:370 mg/kg FCTXAV 13,719,75
ARMOTAN MO see: WG2932400
ARMOTAN MS see: WG2933500
ARMOTAN PML-20 see: TR7400000
ARMOTAN PMO-20 see: WG2932500
ARNAUDON'S GREEN see: GB6840000
ARNAUDON'S GREEN (HEXAHEPTAHYDRATE) see: GB6840000
ARNITE A see: TR2725000
ARNITE A 200 see: TR2725000
ARNITE A-049000 see: TR2725000
ARNITE FP 800 see: TR2725000
ARNITE G see: TR2725000
ARNITE G 600 see: TR2725000
ARNOSULFAN see: WO9030000
ARNOTTA see: CA1119000
AROALL see: VO5075000
AROCLOR 1016 see: TQ1351000
AROCHLOR 1221 see: TQ1352000
AROCHLOR 1242 see: TQ1356000
AROCLOR 1254 see: DV2063000
AROCHLOR 1254 see: TQ1360000
AROCHLOR 1260 see: TQ1362000
AROCHLOR 1262 see: TQ1364000
AROCLOR see: TQ1350000
AROCLOR 54 see: VB2450000
AROCLOR 1221 see: TQ1352000
AROCLOR 1232 see: TQ1354000
AROCLOR 1242 see: TQ1356000
AROCLOR 1248 see: TQ1358000
AROCLOR 1254 see: TQ1360000
AROCLOR 1260 see: TQ1362000
AROCLOR 1262 see: TQ1364000
AROCLOR 1268 see: TQ1366000
AROCLOR 2565 see: TQ1368000
AROCLOR 4465 see: TQ1370000
AROLON see: AT4680000
AROMATIC CASTOR OIL see: FI4100000
AROMATIC HYDROCARBONS, mixed see: ZE2190000
AROMATIC SOLVENT see: DE3030000
AROMOX DAMMC-W see: JR6650000
ARON see: AT4680000
ARON A 10H see: AT4680000
ARON ALPHA A see: AS6530000
ARON COMPOUND HW see: KV0350000
AROSOL see: KM0350000
AROVIT see: VH6860000
ARPEZINE see: TL3485000
ARPHONAD see: NJ6100000
ARPON see: TZ0175000
ARPROCARB see: FC3150000
ARQUAD T see: BT2670000
ARQUAD T-50 see: BT2670000
ARQUAD-TNT COMPLEX see: CF6778500

CF6778500 ARQUAD, complex with 2,4,6-TRINITROTOLUENE
UPDT:8303
SYN: ARQUAD-TNT COMPLEX * TNT-ARQUAD COMPLEX * 2,4,6-TRINITROTOLUENE, complex with ARQUAD
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate BECTA6 28,33,82
mmo-sat 5 ug/plate BECTA6 28,33,82
ARQUEL see: CB2900000

BEST COPY AVAILABLE

ARRADUR see: AT6970000
ARRESIN see: YS6425000
ARRET see: GA6475000
ARRHENAL see: PA2275000
ARROWROOT STARCH see: GM5090000

CF6880000 7-ARSABICYCLO(2.2.1)HEPTA-2,4,6-TRIENE, 1-HYDROXY-, 1-OXIDE
UPDT:8205 CAS: 19671-80-8 MW: 184.03 MOLFM: C6-H5-As-O2
SYN: ARSINE OXIDE (HYDROXY (1,4-PHENYLENE)- * HYDROXY (1,4-PHENYLENE)ARSINE OXIDE * 1,4-PHENYLENEARSINIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#05110
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

ARSACETIN see: CF8820000
ARSACETIN SODIUM SALT see: CF8820000
ARSACETIN SODIUM SALT, TETRAHYDRATE see: CF8925000
ARSACETIN TETRAHYDRATE see: CF8925000
ARSAMBIDE see: CF9275000
ARSAMIN see: CF9625000
ARSAMINOL see: SJ7175000
ARSAN see: CM7525000

CF7875000 ARSANILIC ACID
UPDT:8405 CAS: 98-50-0 MW: 217.07 MOLFM: C6-H8-As-N-O3
SYN: P-AMINOBENZENEARSONIC ACID * 4-AMINOBENZENEARSONIC ACID * AMINOPHENYLARSINE ACID * p-AMINOPHENYLARSINE ACID * p-AMINOPHENYLARSINIC ACID * p-AMINOPHENYLARSONIC ACID * 4-AMINOPHENYLARSONIC ACID * P-ANILINEARSONIC ACID * ANTOXYLIC ACID * p-ARSANILIC ACID * 4-ARSANILIC ACID * ARSANILIC ACID-100 * ARSONIC ACID (4-AMINOPHENYL) (9CI) * AS-101 * ATOXYLIC ACID * BENZENEARSONIC ACID, P-AMINO- * PRO-GEN * PROGEN 90 * PREMIX * PRO-GEN 227
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:400 mg/kg JPETAB 80,393,44
ipr-mus LD50:291 mg/kg JMCMAR 9,221,66
* ivn-mus LD50:100 mg/kg CSLNX* NX#06774
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX As,-,77
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,39,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

p-ARSANILIC ACID see: CF7875000
4-ARSANILIC ACID see: CF7875000
ARSANILIC ACID-100 see: CF7875000

CF8400000 m-ARSANILIC ACID, N-ACETYL-4-HYDROXY-
UPDT:8403 CAS: 97-44-9 MW: 275.11 MOLFM: C8-H10-As-N-O5
SYN: 3-ACETAMIDO-4-HYDROXYBENZENEARSONIC ACID * 3-ACETAMIDO-4-HYDROXY-PHENYLARSONIC ACID * ACETARSOL * ACETARSONE * ACETPHENARSINE * 3-ACETYLAMINO-4-HYDROXYPHENYLARSONIC ACID * N-ACETYL-4-HYDROXY-m-ARSANILIC ACID * AMARSAN * AMOEBAL * ARSAPHEN * ARSONIC ACID, (3-(ACETYLAMINO)-4-HYDROXYPHENYL)- (9CI) * ARSONINE * CHRLICH 594 * DEVEGAN * DISPARICIDA * DYNARSAN * EHRLICH 594 * 190 F * F 190 * FOURNEAU 190 * GINARSOL * GOYL * GYNOPLIX * KHAROPHEN * KUBARSOL * LIMARSOL * MALAGRIDE * MEXYL * MONARGAN * NILACID * ORALCID * ORARSAN * OSARSAL * OSARSOL * OSARSOLE * OSVARSAN * OSVARSON * PALLICID * PAROXYL * SANOGYL * SPIROCID * SPIROZID * STOVARSAL * STOVARSOL * STOVARSOLAN * SVC * VAGISEPT * VAGOFLOR
MUTATION DATA AND REFERENCES:
dnd-esc 20 umol/L MUREAV 89,95,81
TOXICITY DATA AND REFERENCES:
3J30R03U25 orl-wmn TDLo:86 mg/kg/8D AJMSA9 174,819,27
3J30N30R03 orl-man TDLo:89 mg/kg/9D AJMSA9 174,819,27
* ivn-rat LDLo:300 mg/kg ADSYAF 25,799,32
orl-mus LD50:4 mg/kg CLDND*
* ivn-mus LD50:180 mg/kg CSLNX* NX#03309
orl-cat LDLo:150 mg/kg PSEBAA 27,267,30
orl-rbt LDLo:125 mg/kg PSEBAA 27,267,30
* ivn-rbt LDLo:120 mg/kg ADSYAF 25,799,32
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CF8575000 m-ARSANILIC ACID, N-ACETYL-4-HYDROXY-, CALCIUM SALT
UPDT:7901 CAS: 64046-92-4 MW: 555.67 MOLFM: C8-H10-As-N-O5-xCa
SYN: CALCIUM ACETARSONE
TOXICITY DATA AND REFERENCES:
orl-cat LDLo:135 mg/kg PSEBAA 27,267,30
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF8600000 ARSANILIC ACID, N-ACETYL-4-HYDROXY-, compd. with DIETHYLAMINE (1:1)
UPDT:8403 CAS: 534-33-8 MW: 348.27 MOLFM: C8-H10-As-N-O5-C4-H11-N
SYN: ACETARSIN * ACETARSONE DIETHYLAMINE SALT * ACETILARSANO * ACETYLARSAN * N-ACETYL-4-HYDROXY-M-ARSANILIC ACID DIETHYLAMINE SALT * 2-AMINOPHENOL-4-ARSONIC ACID DIETHYLAMINE SALT * ARSAPHENAN * ARSONIC ACID, (3-(ACETYLAMINO)-4-HYDROXYPHENYL)-, compd. with N-ETHYLETHANAMINE (1:1) (9CI) * DIETHYLAMINE ACETARSONE * DIETHYLAMINE 3-ACETYLAMINO-4-HYDROXYPHENYLARSONATE * GOLARSYL * SYNTHARSOL
MUTATION DATA AND REFERENCES:
cyt-hmn-leu 1 nmol/L AEMBAP 91,117,77
cyt-hmn-fbr 1 nmol/L AEMBAP 91,117,77
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF8750000 m-ARSANILIC ACID, N-ACETYL-4-HYDROXY-, SODIUM SALT
UPDT:8403 CAS: 5892-48-8 MW: 297.09 MOLFM: C8-H9-As-N-O5-Na
SYN: SODIUM ACETARSONE
TOXICITY DATA AND REFERENCES:
* ivn-rat LDLo:750 mg/kg ADSYAF 25,799,32
orl-cat LDLo:125 mg/kg PSEBAA 27,267,30
orl-rbt LDLo:150 mg/kg PSEBAA 27,267,30
* ivn-rbt LDLo:600 mg/kg ADSYAF 25,799,32
orl-gpg LDLo:100 mg/kg PSEBAA 29,125,31
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF8820000 ARSANILIC ACID, N-ACETYL-, SODIUM SALT
UPDT:8011 CAS: 585-54-6 MW: 281.09 MOLFM: C8-H9-As-N-O4-Na
SYN: ARSACETIN * ARSACETIN SODIUM SALT * ARSONIC ACID, (4-(ACETYLAMINO)PHENYL)-, MONOSODIUM SALT (9CI) * SODIUM ACETYLARSANILATE
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:550 mg/kg BIZEA2 184,360,27
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF8925000 ARSANILIC ACID, N-ACETYL-, SODIUM SALT, TETRAHYDRATE
UPDT:8405 CAS: 6018-32-2 MW: 353.17 MOLFM: C8-H9-As-N-O4-Na-4H2-O
SYN: 14-(ACETYLAMINO)PHENYL)ARSONIC ACID SODIUM SALT TETRAHYDRATE * p-ACETAMIDOBENZENEARSONIC ACID SODIUM SALT, TETRAHYDRATE * N-ACETYL-p-AMINOBENZENEARSONIC ACID, SODIUM SALT, TETRAHYDRATE * N-ACETYLARSANILIC ACID SODIUM SALT, TETRAHYDRATE * ARSACETIN SODIUM SALT, TETRAHYDRATE * ARSACETIN TETRAHYDRATE * ARSONIC ACID, (4-(ACETYLAMINO)PHENYL)-, MONOSODIUM SALT, TETRAHYDRATE (9CI) * SODIUM ACETYL ARSANILATE
TOXICITY DATA AND REFERENCES:
* ivn-rbt LD50:550 mg/kg MEIEDD 10,115,83
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF8950000 p-ARSANILIC ACID, N,N-BIS(2-CHLOROETHYL)-
UPDT:7906 CAS: 5185-71-7 MW: 342.07 MOLFM: C10-H14-As-Cl2-N-O3
SYN: N,N-BIS(2-CHLOROETHYL)-p-ARSANILIC ACID
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:8789 ug/kg JMCMAR 9,221,66
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF8975000 p-ARSANILIC ACID, N,N-BIS(2-HYDROXYETHYL)-
UPDT:7903 CAS: 5185-70-6 MW: 305.19 MOLFM: C10-H16-As-N-O5
SYN: N,N-BIS(2-HYDROXYETHYL)-p-ARSANILIC ACID
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1053 mg/kg JMCMAR 9,221,66
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

p-ARSANILIC ACID, BISMUTH, SODIUM SALT see: EB2985500

CF9275000 ARSANILIC ACID, N-CARBAMOYL-
UPDT:8403 CAS: 121-59-5 MW: 260.10 MOLFM: C7-H9-As-N2-O4
SYN: AMABEVAN * AMEBAN * AMEBARSONE * AMIBIARSON * AMINARSON * AMINARSONE * AMINOARSON * (4-((AMINOCARBONYL)AMINO)PHENYL)ARSONIC ACID * ARSAMIDE * p-ARSONOPHENYLUREA * BENZENEARSONIC ACID, p-UREIDO- * p-CARBAMIDOBENZENEARSONIC ACID * p-CARBAMINO PHENYL ARSONIC ACID * CARBAMINOPHENYL p-ARSONIC ACID * N-CARBAMOYLARSANILIC ACID * 4-CARBAMYLAMINOPHENYLARSONIC ACID * N-CARBAMYL ARSANILIC ACID * CARBARSONE * CARBASONE * CARB O SEP * FENARSONE * HISTOCARB * LEUKARSONE * p-UREIDOBENZENEARSONIC ACID * 4-UREIDO-1-PHENYLARSONIC ACID
TUMORIGENIC DATA AND REFERENCES:
2\03R60 orl-rat TDLo:5000 mg/kg CNREAB 26,619,66
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:510 mg/kg MEIEDD 10,246,83
ipr-rat LDLo:1000 mg/kg JPETAB 80,393,44
orl-cat LDLo:250 mg/kg PSEBAA 29,125,31
orl-rbt LDLo:200 mg/kg PSEBAA 29,125,31
orl-gpg LDLo:200 mg/kg PSEBAA 29,125,31
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DMAX As,-,77
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CF9300000 ARSANILIC ACID, N-(2-CARBAMOYLETHYL)-, SODIUM SALT
UPDT:7901 CAS: 64046-97-5 MW: 310.14 MOLFM: C9-H12-As-N2-O4-Na
SYN: PROPARSAMIDE * SODIUM PHENYL beta-AMINOPROPIONAMIDE p-ARSONATE
TOXICITY DATA AND REFERENCES:
orl-cat LDLo:200 mg/kg PSEBAA 29,125,31
orl-rbt LDLo:200 mg/kg PSEBAA 29,125,31
orl-gpg LDLo:100 mg/kg PSEBAA 29,125,31
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF9450000 ARSANILIC ACID, N-(CARBAMOYLMETHYL)-
UPDT:8012 CAS: 618-25-7 MW: 274.13 MOLFM: C8-H11-As-N2-O4
SYN: ARSONIC ACID, (4-((2-AMINO-2-OXOETHYL)AMINO)PHENYL)- (9CI) * 4-ARSONOPHENYLGLYCINAMIDE * BENZENEARSONIC ACID, p-((CARBAMOYLMETHYL)AMINO)- * SODIUM N-PHENYLGLYCINAMIDE p-ARSONATE * TRYPARSAMIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:2000 mg/kg JPETAB 63,122,38
ims-rat LDLo:250 mg/kg JPETAB 63,122,38
orl-cat LDLo:200 mg/kg PSEBAA 29,125,31
orl-rbt LDLo:200 mg/kg PSEBAA 29,125,31
ivn-rbt LD50:700 mg/kg JPETAB 80,93,44
orl-gpg LDLo:150 mg/kg PSEBAA 29,125,31
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF9470000 ARSANILIC ACID, N-((1-CARBAMOYL-1-METHYL)ETHYL)-
UPDT:7901 CAS: 64046-98-6 MW: 302.19 MOLFM: C10-H15-As-N2-O4
SYN: ISOBUTARSAMIDE * PHENYL alpha-AMINOISOBUTYRAMIDE p-ARSONIC ACID
TOXICITY DATA AND REFERENCES:
orl-gpg LDLo:100 mg/kg PSEBAA 29,125,31
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF9490000 ARSANILIC ACID, N-(1-CARBAMOYLPROPYL)-
UPDT:7901 CAS: 64046-99-7 MW: 302.19 MOLFM: C10-H15-As-N2-O4
SYN: n-BUTARSAMIDE * PHENYL alpha-AMINO n-BUTYRAMIDE p-ARSONIC ACID
TOXICITY DATA AND REFERENCES:
orl-rbt LDLo:50 mg/kg PSEBAA 29,125,31
orl-gpg LDLo:100 mg/kg PSEBAA 29,125,31
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF9493000 p-ARSANILIC ACID, N-(2-CHLOROETHYL)-N-METHYL-
UPDT:7903 CAS: 5185-72-8 MW: 293.60 MOLFM: C9-H13-As-Cl-N-O3
SYN: N-(2-CHLOROETHYL)-N-METHYL-p-ARSANILIC ACID
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2055 ug/kg JMCMAR 9,221,66
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF9496000 p-ARSANILIC ACID, N,N-DIETHYL-
UPDT:7903 CAS: 5185-76-2 MW: 273.19 MOLFM: C10-H16-As-N-O3
SYN: N,N-DIETHYL-p-ARSANILIC ACID
TOXICITY DATA AND REFEPENCES:
ipr-mus LD50:7102 ug/kg JMCMAR 9,221,66
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF9500000 m-ARSANILIC ACID, 4-HYDROXY-
UPDT:8011 CAS: 2163-77-1 MW: 233.07 MOLFM: C6-H8-As-N-O4
SYN: 3-AMINO-4-HYDROXYBENZENEARSONIC ACID * 4-HYDROXY-3-ARSANILIC ACID
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:5000 mg/kg JPETAB 63,122,38
ivn-rat LDLo:800 mg/kg JPETAB 63,122,38
ims-rat LD50:500 mg/kg JPETAB 63,122,38
* ivn-mus LD50:180 mg/kg CSLNX* NX#05112
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF9520000 p-ARSANILIC ACID, 2-HYDROXY
UPDT:7901 CAS: 6318-57-6 MW: 233.07 MOLFM: C6-H8-As-N-O4
SYN: 4-AMINO-2-HYDROXYBENZENEARSONIC ACID * BENZENEARSONIC ACID, 4-AMINO-2-HYDROXY
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#05106
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CF9600000 m-ARSANILIC ACID, 4-HYDROXY-N-(HYDROXYMETHYL)-, N-SODIUM SULFOXYLATE
UPDT:8411 MW: 307.08 MOLFM: C7-H9-As-N-O6-Na

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ivn-rat LDLo:1500 mg/kg — JCHOAM 11,34,34
* orl-rbt LDLo:500 mg/kg — JCHOAM 11,34,34
* ivn-rbt LDLo:500 mg/kg — JCHOAM 11,34,34

CF9625000 ARSANILIC ACID, MONOSODIUM SALT
UPDT:8403 CAS: 127-85-5 MW: 239.05 MOLFM: C6-H7-As-N-O3-Na
SYN: (4-AMINOPHENYL)ARSONIC ACID SODIUM SALT * ANHYDROUS SODIUM ARSANILATE * ARSAMIN * ARSANILIC ACID SODIUM SALT * ARSINOSOLVIN * ARSONIC ACID, (4-AMINOPHENYL)-, MONOSODIUM SALT (9CI) * ATORYL * NCI-C61176 * NUARSOL * PIGLET PRO-GEN V * PRO-GEN SODIUM * PROTOXYL * SOAMIN * SODIUM AMINARSONATE * SODIUM p-AMINOBENZENEARSONATE * SODIUM AMINOPHENOL ARSONATE * SODIUM p-AMINOPHENYLARSONATE * SODIUM-ANALINE ARSONATE * SODIUM ANILARSONATE * SODIUM ARSANILATE * SODIUM p-ARSANILATE * SODIUM ARSANILATE (DOT) * SODIUM ARSONILATE * SONATE * TRYPOXYL * UN 2473 (DOT)

TOXICITY DATA AND REFERENCES:
scu-rat LD50:75 mg/kg — BIZEA2 184,360,27
* scu-mus LDLo:400 mg/kg — MEIEDD 10,1230,83
scu-dog LDLo:5 mg/kg — HBAMAK 4,1289,35
scu-rbt LDLo:200 mg/kg — HBAMAK 4,1289,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX As,-,77

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83

CF9630000 ARSANILIC ACID, MONOSODIUM SALT, TETRAHYDRATE
UPDT:8209 CAS: 6696-56-4 MW: 311.13 MOLFM: C6-H7-As-N-O3-Na-4H2-O
SYN: (4-AMINOPHENYL)ARSONIC ACID SODIUM TETRAHYDRATE * ARSANILIC ACID SODIUM SALT TETRAHYDRATE * SODIUM p-AMINOPHENYLARSONATE TETRAHYDRATE * SODIUM ARSANILATE TETRAH YDRATE

TOXICITY DATA AND REFERENCES:
* scu-m: * LDLo:400 mg/kg — 85ESA3 9,1108,76

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CF9800000 ARSANILIC ACID, N-3-PHENOSELENAZINYL-
UPDT:7901 CAS: 64047-00-3 MW: 461.23 MOLFM: C18-H15-As-N2-O3-Se
SYN: ARSONIC ACID, (4-(4-(10H-PHENOSELENAZIN-3-YLAMINO)PHENYL)- (9CI)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:100 mg/kg — NCNSA6 5,12,53

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
ARSANILIC ACID SODIUM SALT see: CF9625000
ARSANILIC ACID SODIUM SALT TETRAHYDRATE see: CF9630000
ARSAPHEN see: CF8400000
ARSAPHENAN see: CF8600000
ARSECLOR see: SJ5775000
ARSECODILE see: CH7700000
ARSEN (German,Polish) see: CG0525000
ARSENAMIDE see: AI6199900
ARSENATE see: CG0700000
ARSENATE OF IRON, FERRIC see: NO4585000
ARSENATE OF IRON, FERROUS see: NO4580000
ARSENATE OF LEAD see: CG0980000
ARSENENIC ACID, SODIUM SALT (9CI) see: CG1200000
ARSENENOUS ACID, POTASSIUM SALT see: CG3800000
ARSENENOUS ACID, SODIUM SALT (9CI) see: CG3675000
ARSENENOUS ACID, ZINC SALT (9CI) see: CG3890000
ARSENIATE DE CALCIUM (French) see: CG0830000
ARSENIATE DE MAGNESIUM (French) see: CG1050000
ARSENIATE DE PLOMB (French) see: CG1000000

CG0525000 ARSENIC
UPDT:8406 CAS: 7440-38-2 MW: 74.92 MOLFM: As
SYN: ARSENICALS * ARSEN (German,Polish) * ARSENIC BLACK * ARSENIC, metallic (DOT) * ARSENIC-75 * ARSENIC, SOLID (DOT) * COLLOIDAL ARSENIC * GREY ARSENIC * METALLIC ARSENIC * UN 1558 (DOT)

MUTATION DATA AND REFERENCES:
cyt-mus-ipr 4 mg/kg/48H-I — EXPEAM 37,129,81
cyt-mus-orl 250 mg/L/8W — MUREAV 113,293,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T24T25 orl-rat TDLo:605 ug/kg (35W pre) — GISAAA 42(8),30,77

TUMORIGENIC DATA AND REFERENCES:
3V01L60P01 orl-man TDLo:76 mg/kg/12Y-I — RMCHAW 99,664,71
3V03J60L60 imp-rbt TDLo:75 mg/kg — ZEKBAI 52,425,42

TOXICITY DATA AND REFERENCES:
3K03P01R03 orl-man TDLo:7857 mg/kg/55Y — CMAJAX 120,168,79
ims-rat LDLo:20 mg/kg — NCIUS* PH 43-64-886,SEPT,70
scu-rbt LDLo:300 mg/kg — ASBIAL 24,442,38
ipr-gpg LDLo:10 mg/kg — CRSBAW 81,164,13
scu-gpg LDLo:300 mg/kg — ASBIAL 24,442,38

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,132,60; 85DHAX As,-,77; JAVMA4 164(3),277,74; CTOXAO 5(2),151,72; ARVPAX 16,95,76; KOTTAM 11(11),1300,75; FOREAE 7313,42; AQMOAC #73-18,1973; PTPAD4 1,189,76; CLCHAU 19,361,73; 85CVA2 5,63,70; PEXTAR 12,102,69; JOCMA7 2,137,60; BNYMAM 54,413,78; AMTODM 3,209,77; EVHPAZ 19,179,77; 85CVA2 5,250,70
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 23,39,80
★ CARCINOGENIC REVIEW:INDEFINITE — IARC** 2,48,73
★ TLV-TWA 200 ug/m3 — DTLVS* 4,24,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
NIOSH MANUAL OF ANALYTICAL METHODS: VOL 1 139
NIOSH MANUAL OF ANALYTICAL METHODS: TO BE REVISED BY JUNE, 1985
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.: see: METHODS 7300, 7900 and 7901
★ NIOSH CURRENT INTELLIGENCE BULLETIN 1-, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ARSENIC-75 see: CG0525000

CG0700000 ARSENIC ACID
UPDT:8406 CAS: 7778-39-4 MW: 141.95 MOLFM: As-H3-O4
SYN: ACIDE ARSENIQUE LIQUIDE (French) * ARSENATE * ARSENIC ACID, LIQUID * ARSENIC ACID, LIQUID (DOT) * ARSENIC ACID, SOLID (DOT) * DESICCANT L-10 * HI-YIELD DESICCANT H-10 * ORTHOARSENIC ACID * RCRA WASTE NUMBER P010 * UN 1553 (DOT) * UN 1554 (DOT) * ZOTOX * ZOTOX CRAB GRASS KILLER

MUTATION DATA AND REFERENCES:
cyt-hmn:leu 7200 nmol/L — MUREAV 88,73,11
cyt-hmn:fbr 100 ppb — MUREAV 88,73,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T33T41 ipr-rat TDLo:30 mg/kg (9D preg) — JTSCDR 4,405,79
2T34T35 orl-mus TDLo:120 mg/kg (7-15D preg) — TJADAB 15,30A,77
2T34T35 ipr-mus TDLo:40 mg/kg (7-15D preg) — TJADAB 15,30A,77

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:48 mg/kg — FMCHA2 ,,C18,83

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 — DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ARSENIC ACID see: CG0950000
ARSENIC ACID see: CG2275000

CG0760000 ARSENIC ACID, (O3-As-H)
UPDT:8107 CAS: 10102-53-1 MW: 123.93 MOLFM: As-H-O3
SYN: METAARSENIC ACID

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 — DTLVS* 4,24,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983

CG0765000 ARSENIC ACID, (solution)
UPDT:8401 CAS: 7778-39-4 MW: 141.95 MOLFM: As-H3-O4
SYN: ARSENIC ACID SOLUTION (DOT) * ORTHOARSENIC ACID

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 — DTLVS* 4,24,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
ARSENIC ACID ANHYDRIDE see: CG2275000
ARSENIC ACID, ANILINE SALT see: BW7350000
ARSENIC ACID, compd. with BENZENAMINE (1:3) (9CI) see: BW7350000

CG0830000 ARSENIC ACID, CALCIUM SALT(2:3)
UPDT:8408 CAS: 7778-44-1 MW: 398.08 MOLFM: As2-O8-3Ca
SYN: ARSENIATE DE CALCIUM (French) * CALCHIMARSENAT * CALCIUM ARSENATE * CALCIUM ARSENATE, SOLID (DOT) * CALCIUM ORTHOARSENATE * CHIP-CAL * CHIP-CAL GRANULAR * CUCUMBER DUST * FENCAL FLAC * KALO * KALZIUMARSENIAT (German) * KILMAG * PENCAL * SECURITY * SPRACAL * TRICALCIUMARSENAT (German) * TRICALCIUM ARSENATE * TURF-CAL * UN 1573 (DOT)

TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 itr-rat TDLo:1600 ug/kg — IJCNAW 24,786,79

TOXICITY DATA AND REFERENCES:
orl-rat LD50:20 mg/kg — AFDOAQ 15,127,51
skn-rat LD50:2400 mg/kg — 28ZEAL 5,35,76
orl-mus LD50:794 mg/kg — AMRL** TR-72-62,72
orl-dog LD50:38 mg/kg — 85DPAN -,-,71,76
orl-rbt LDLo:50 mg/kg — JPETAB 39,246,30

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX As,-,77
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 23,39,80
★ CARCINOGENIC REVIEW:ANIMAL NEGATIVE — IARC** 2,48,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 23,39,80
★ TLV-TWA 200 ug(As)/m3 — DTLVS* 4,24,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CG0850000 ARSENIC ACID, DIAMMONIUM SALT
UPDT:8308 CAS: 7784-44-3 MW: 176.03 MOLFM: As-H3-O4-2H3-N
SYN: AMMONIUM ACID ARSENATE * AMMONIUM ARSENATE * AMMONIUM ARSENATE, SOLID (DOT) * DIAMMONIUM ARSENATE * DIAMMONIUM HYDROGEN ARSENATE * DIAMMONIUM MONOHYDROGEN ARSENATE * DIBASIC AMMONIUM ARSENATE * NA 9080 (DOT) * SECONDARY AMMONIUM ARSENATE

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 — DTLVS* 4,24,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976

CG0875000 ARSENIC ACID, DISODIUM SALT
UPDT:8403 CAS: 7778-43-0 MW: 185.91 MOLFM: As-H-O4-2Na
SYN: DISODIUM ARSENATE * DISODIUM ARSENIC ACID * DISODIUM HYDROGEN ARSENATE * DISODIUM HYDROGEN ORTHOARSENATE * DISODIUM MONOHYDROGEN ARSENATE * SODIUM ACID ARSENATE * SODIUM ARSENATE * SODIUM ARSENATE, DIBASIC * SODIUM ARSENATE DIBASIC, ANHYDROUS

MUTATION DATA AND REFERENCES:
dnr-esc 130 ug/well — ENMUDM 3,429,81
mrc-bcs 100 mmol/L — MUREAV 77,109,80
dni-hmn:oth 10 umol/L — AKEDAX 237,819,70
dni-hmn:lym 100 nmol/L — ADMFAU 242,343,72
oms-hmn:lym 100 nmol/L — ADMFAU 242,343,72
cyt-hmn:leu 7200 nmol/L — MUREAV 88,73,81
cyt-hmn:lym 500 nmol/L — ENMUDM 4,493,82
sce-hmn:lym 2500 ug/L — MUREAV 119,415,83
mma-mus:lym 18 mg/L — JTEHD6 9,367,82
otr-ham:emb 2500 ug/L — CNREA8 39,1008,79
cyt-ham:ovr 1 umol/L — ENMUDM 4,493,82

TOXICTY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

sce-ham-ovr 1 umol/L ENMUDM 4,493,82

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:34720 ug/kg JPETAB 58,454,36

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 DTLVS* 4,24,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CG0900000 ARSENIC ACID, DISODIUM SALT, HEPTAHYDRATE

UPDT:8312 CAS: 10048-95-0 MW: 312.05 MOLFM: As-H-O4 2Na 7H2-O
SYN: DIBASIC SODIUM ARSENATE * DISODIUM ARSENATE HEPTAHYDRATE * SODIUM ACID ARSENATE HEPTAHYDRATE * SODIUM ARSENATE DIBASIC HEPTAHYDRATE * SODIUM ARSENATE HEPTAHYDRATE * SODIUM ARSENIATE

MUTATION DATA AND REFERENCES:

cyt-dmg-orl 454 ppm		SOGEBZ 16,608,74
cyt-hmn:lym 10 mg/L		ENMUDM 3,597,81
sce-hmn:lym 5 mg/L		ENMUDM 3,597,81
sce-hmn:leu 1 mg/L		ENMUDM 3,597,81
cyt-ham:emb 10 mg/L		ENMUDM 3,597,81
sce-ham:emb 1 mg/L		ENMUDM 3,597,81
sce-ham:fbr 10 mg/L		MUREAV 104,141,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34	ipr-rat TDLo:30 mg/kg (9D preg)	TJADAB 10,153,74
2T42T41	ipr-rat TDLo:20 mg/kg (9D preg)	TJADAB 10,153,74
2T46T53	ipr-rat TDLo:20 mg/kg (10D preg)	TJADAB 10,153,74
1T34	orl-mus TDLo:120 mg/kg (10D preg)	NTIS** CONF-771017
2T25T35	orl-mus TDLo:120 mg/kg (10D preg)	EVHPAZ 19,219,77
3T34T46T59	ipr-mus TDLo:40 mg/kg (9D preg)	TJADAB 6,235,72
3T41T42T43	ipr-mus TDLo:40 mg/kg (9D preg)	NTIS** CONF-771017
2T25T35T45	ipr-mus TDLo:40 mg/kg (9D preg)	NTIS** CONF-771017
1T26	ipr-mus TDLo:45 mg/kg (9D preg)	AEHLAU 24,62,72
3T25T46T53	ivn-ham TDLo:15 mg/kg (8D preg)	AEHLAU 22,557,71
2T43T42	ivn-ham TDLo:15 mg/kg (8D preg)	AEHLAU 22,557,71
1T41	ivn-ham TDLo:20 mg/kg (8D preg)	EXMPA6 34,145,81

TOXICITY DATA AND REFERENCES:

ims-mus LD50:87360 ug/kg		EXMDA4 440,312,78
scu-gpg LDLo:50 mg/kg		BMJOAE 2,217,13

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CG0950000 ARSENIC ACID, HEMIHYDRATE

UPDT:8405 CAS: 7778-41-6 MW: 150.96 MOLFM: As-H3-O4 1/2H2-O
SYN: ARSENIC ACID * ORTHOARSENIC ACID * ORTHOARSENIC ACID HEMIHYDRATE

TOXICITY DATA AND REFERENCES:

ivn-rbt TDLo:6 mg/kg		MEIEDD 10,116,83

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976

CG0980000 ARSENIC ACID, LEAD(2+) SALT(1:1)

UPDT:8312 CAS: 7784-40-9 MW: 347.12 MOLFM: As-H-O4 Pb
SYN: ACID LEAD ARSENATE * ACID LEAD ORTHOARSENATE * ARSENATE OF LEAD * ARSINETTE * DIBASIC LEAD ARSENATE * GYPSINE * LEAD ACID ARSENATE * LEAD ARSENATE * LEAD ARSENATE SOLID (DOT) * LEAD ARSENATE (STANDARD) * ORTHO L10 DUST * ORTHO L40 DUST * SCHULTENITE * SECURITY * SOPRABEL * STANDARD LEAD ARSENATE * TALBOT * UN 1617 (DOT)

TOXICITY DATA AND REFERENCES:

unk-man LDLo:1050 mg/kg		FMCHA2 -,C139,83
orl-rat LD50:100 mg/kg		PCOC** -,653,66
orl-rbt LDLo:75 mg/kg		JPETAB 39,246,30
orl-ckn LD50:450 mg/kg		PCOC** -,653,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX As,-,77; ENVRAL 13,36,77

★ CARCINOGENIC REVIEW:HUMAN POSITIVE		IARC** 23,39,80
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED		IARC** 2,48,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE		IARC** 1,40,72
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE		IARC** 1,40,72
★ CARCINOGENIC REVIEW:ANIMAL NEGATIVE		IARC** 2,48,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE		IARC** 23,39,80
★ TLV-TWA 150 ug/m3; STEL 450 ug/m3		DTLVS* 4,245,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3	FEREAC 43,53007,78
★ OSHA STANDARD-air:TWA 10 ug(As)/m3	FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3	NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M	NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CG0990000 ARSENIC ACID, LEAD(2+) SALT (2:3)

UPDT:8312 CAS: 3687-31-8 MW: 899.41 MOLFM: As2-O8 3Pb
SYN: LEAD ARSENATE * LEAD ARSENATE (DOT) * NU REXFORM * UN 1617 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172,102,83

CG1000000 ARSENIC ACID, LEAD SALT

UPDT:8312 CAS: 7645-25-2 MW: 1592.28 MOLFM: As-H3-O4 xPb
SYN: ARSENIATE DE PLOMB (French) * LEAD ARSENATE * LEAD ARSENATE (DOT) * UN 1617 (DOT)

TOXICITY DATA AND REFERENCES:

orl-rat LD50:100 mg/kg		AFDOAQ 15,122,51
orl-mus LD50:1000 mg/kg		JPETAB 93,407,48
orl-rbt LD50:125 mg/kg		JAPMAB 37,122,48
orl-ckn LD50:450 mg/kg		JAPMAB 37,122,48

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX As,-,77; ENVRAL 13,36,77; 85DHAX Pb 255,72; ENVRAL 16,139,78

★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3	DTLVS* 4,243,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3	FEREAC 43,53007,78
★ OSHA STANDARD-air:TWA 10 ug(As)/m3	FEREAC 43,19584,78
★ DOT-IMO:POISON B; LABEL:POISON	CFRGBR 49,172,102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3	NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M	NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ARSENIC ACID, LIQUID see: CG0700000
ARSENIC ACID, LIQUID (DOT) see: CG0700000

CG1050000 ARSENIC ACID, MAGNESIUM SALT

UPDT:8308 CAS: 10103-50-1 MW: 312.12 MOLFM: As-H3-O4 xMg
SYN: ARSENIATE DE MAGNESIUM (French) * MAGNESIUM ARSENATE * MAGNESIUM ARSENATE SOLID (DOT) * MAGNESIUM ARSENATE PHOSPHOR * UN 1622 (DOT)

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:280 mg/kg		TXAPA9 1,156,59
orl-mus LD50:315 mg/kg		IRGGAJ 20,21,63
3K13F15F07 orl-rbt LDLo:80 mg/kg		AIHAAP 19,504,58

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(As)/m3	FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M	NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
ARSENIC ACID, METHYLPHENYL- (9CI) see: CH7940000

CG1100000 ARSENIC ACID, MONOPOTASSIUM SALT

UPDT:8312 CAS: 7784-41-0 MW: 180.04 MOLFM: As-H2-O4 K
SYN: MACQUER'S SALT * MONOPOTASSIUM ARSENATE * MONOPOTASSIUM DIHYDROGEN ARSENATE * POTASSIUM ACID ARSENATE * POTASSIUM ARSENATE * POTASSIUM ARSENATE MONOBASIC * POTASSIUM ARSENATE SOLID (DOT) * POTASSIUM DIHYDROGEN ARSENATE * POTASSIUM HYDROGEN ARSENATE * UN 1677 (DOT)

MUTATION DATA AND REFERENCES:

cyt-hmn:leu 1 umol/L		CNREAB 25,980,65

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:HUMAN POSITIVE	IARC** 23,39,80
★ TLV-TWA 200 ug(As)/m3	DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(As)/m3	FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M	NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983

CG1200000 ARSENIC ACID, MONOSODIUM SALT

UPDT:8209 CAS: 15120-17-9 MW: 145.93 MOLFM: As-O3 -No
SYN: ARSENENIC ACID, SODIUM SALT (9CI) * SODIUM MONOHYDROGEN ARSENATE * SODIUM ARSENATE * SODIUM METAARSENATE

MUTATION DATA AND REFERENCES:

sit-dmg-orl 100 umol/L		CNJGAB 17,55,75
sln-dmg-orl 2 umol/L		CNJGAB 11,677,69

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(As)/m3	FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M	NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976

CG1225000 ARSENIC ACID, SODIUM SALT

UPDT:8408 CAS: 7631-89-2 MW: 302.88 MOLFM: As-H3-O4 xNa
SYN: FATSCO ANT POISON * SODIUM ARSENATE * SODIUM ARSENATE (DOT) * SODIUM METAARSENATE * SODIUM ORTHOARSENATE * SWEENEY'S ANT-GO * UN 1685 (DOT)

MUTATION DATA AND REFERENCES:

cyt-hmn:lym 2 umol/L		ADREDL 267,91,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T31T34	orl-mus TDLo:120 mg/kg (9-11D preg)	TJADAB 8,98,73
3T25T34T35	orl-mus TDLo:120 mg/kg (11D preg)	JEPTDQ 1(6),857,78
1T46	orl-mus TDLo:120 mg/kg (9D preg)	JEPTDQ 1,857,78
3T25T34T35	ipr-mus TDLo:40 mg/kg (9D preg)	JEPTDQ 1(6),857,78
3T41T42T43	ipr-mus TDLo:40 mg/kg (9D preg)	JEPTDQ 1(6),857,78
1T46	ipr-mus TDLo:40 mg/kg (9D preg)	JEPTDQ 1(6),857,78
1T41	ipr-nam TDLo:21 mg/kg (8D preg)	TOXID9 4,83,84
2T35T41	ivn-ham TDLo:20 mg/kg (8D preg)	JRPFA4 17,199,68

TUMORIGENIC DATA AND REFERENCES:

2V03P61	scu-mus TDLo:10 mg(As)/kg/20D-C	VDGPAN 55,289,71
2V03P61	scu-mus TDLo:10 mg(As)/kg/(1-20D preg)	VDGPAN 55,289,71
2V03P61	ivn-mus TDLo:10 mg(As)/kg/20W-I	VDGPAN 55,289,71

TOXICITY DATA AND REFERENCES:

ipr-rat LDLo:8 mg/kg		AEHLAU 3,189,61
ivn-rat LDLo:21 mg/kg		JPETAB 33,270,28
orl-rbt LDLo:12500 ug/kg		JPETAB 33,270,28
ivn-rbt LDLo:7 mg/kg		JPETAB 33,270,28

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PTPAD4 1,189,76; 85DHAX As,-,77; ENVRAL 16,139,78; EVHPAZ 19,179,77; BLFSBY 24,129,83

★ CARCINOGENIC REVIEW:HUMAN POSITIVE	IARC** 23,39,80
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 2,48,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 2,48,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 23,39,80
★ TLV-TWA 200 ug(As)/m3	DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(As)/m3	FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M	NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

BEST COPY AVAILABLE

★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ARSENIC ACID, SOLID (DOT) see: CG0700000
ARSENIC ACID SOLUTION (DOT) see: CG0765000

CG1300000 ARSENIC(V) ACID, TRISODIUM SALT, HEPTAHYDRATE (1:3:7)

UPDT:8007 CAS: 64070-83-3 MW: 334.03 MOLFM: As-O4 · 3Na · 7H2-O
SYN: TRISODIUM ARSENATE, HEPTAHYDRATE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:9 mg/kg — COREAF 257,791,63

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:INDEFINITE — IARC** 2,48,73
★ TLV-TWA 200 ug(As)/m3 — DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
ARSENIC ACID, ZINC SALT see: ZG9180000

CG1330000 ARSENICAL DIP

UPDT:8308
SYN: ARSENICAL DIP, LIQUID (DOT) * NA 1557 (DOT) * SHEEP DIP * SHEEP DIP (DOT)

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
ARSENICAL DIP, LIQUID (DOT) see: CG1330000

CG1335000 ARSENICAL DUST

UPDT:8401 CAS: 8026-73-7
SYN: ARSENICAL DUST (DOT) * ARSENICAL FLUE DUST * FLUE DUST, ARSENIC CONTG. * UN 1562 (DOT)

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ihr-rat TDLo:120 mg/kg/15W-I — EVHPAZ 19,191,77

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ARSENICAL DUST (DOT) see: CG1335000
ARSENICAL FLUE DUST see: CG1335000

CG1340000 ARSENICAL FLUE DUST (DOT)

UPDT:7901

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
ARSENICALS see: CG0525000
ARSENIC ANHYDRIDE see: CG2275000
ARSENIC BLACK see: CG0525000
ARSENIC BLANC (French) see: CG3325000

CG1375000 ARSENIC(II) BROMIDE

UPDT:8308 CAS: 7784-33-0 MW: 314.65 MOLFM: As-Br3
SYN: ARSENIC BROMIDE, SOLID (DOT) * ARSENIC TRIBROMIDE * ARSENIC TRIBROMIDE * ARSENOUS TRIBROMIDE * TRIBROMOARSINE * UN 1555 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 — DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
ARSENIC BROMIDE, SOLID (DOT) see: CG1375000
ARSENIC BUTTER see: CG1750000
ARSENIC(III) CHLORIDE see: CG1750000

CG1750000 ARSENIC CHLORIDE

UPDT:8308 CAS: 7784-34-1 MW: 181.27 MOLFM: As-Cl3
SYN: ARSENIC BUTTER * ARSENIC(III) CHLORIDE * ARSENIC CHLORIDE, liquid (DOT) * ARSENIC TRICHLORIDE, LIQUID (DOT) * ARSENIOUS CHLORIDE * ARSENOUS CHLORIDE * ARSENOUS TRICHLORIDE (9CI) * BUTTER of ARSENIC * CHLORURE ARSENIEUX (French) * CHLORURE D'ARSENIC (French) * FUMING LIQUID ARSENIC * TRICHLOROARSINE * TRICHLORURE D'ARSENIC (French) * UN 1560 (DOT)

MUTATION DATA AND REFERENCES:
dnr-bcs 50 mmol/L — MUREAV 31,185,75
mrc-bcs 30 uL/disc — MUREAV 77,109,80
cyt-hmn:leu 600 nmol/L — MUREAV 88,73,81
otr-ham:emb 3 umol/L — CNREAB 39,193,79

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:338 ppm/10M — HBTXAC 1,324,55
ihl-cat LCLo:100 mg/m3/1H — ZGEMAZ 13,523,21

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
ARSENIC CHLORIDE, liquid (DOT) see: CG1750000
ARSENIC DICHLOROETHANE see: CH3500000
ARSENIC DIMETHYLDITHIOCARBAMATE see: CH9000000
ARSENIC DISULFIDE see: CG2637000
ARSENIC, metallic (DOT) see: CG0525000
ARSENIC, white, solid (DOT) see: CG3325000
ARSENIC FLUORIDE see: CG5775000
ARSENIC HYDRID see: CG6475000
ARSENIC HYDRIDE see: CG6475000

CG1950000 ARSENIC IODIDE

UPDT:8308 CAS: 7784-45-4 MW: 455.62 MOLFM: As-I3
SYN: ARSENIC IODIDE, SOLID (DOT) * ARSENIC TRIIODIDE * ARSENOUS IODIDE * ARSENOUS TRIIODIDE (9CI) * NA 1557 (DOT) * TRIIODOARSINE

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 — DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
ARSENIC IODIDE, SOLID (DOT) see: CG1950000
ARSENIC OXIDE see: CG2275000
ARSENIC OXIDE see: CG3325000
ARSENIC (III) OXIDE see: CG3325000
ARSENIC (V) OXIDE see: CG2275000
ARSENIC PENTAOXIDE see: CG2275000

CG2275000 ARSENIC PENTOXIDE

UPDT:8405 CAS: 1303-28-2 MW: 229.84 MOLFM: As2-O5
SYN: ANHYDRIDE ARSENIQUE (French) * ARSENIC ACID * ARSENIC ACID ANHYDRIDE * ARSENIC ANHYDRIDE * ARSENIC OXIDE * ARSENIC PENTAOXIDE * ARSENIC PENTOXIDE * ARSENIC PENTOXIDE, SOLID (DOT) * ARSENIC (V) OXIDE * DIARSENIC PENTOXIDE * RCRA WASTE NUMBER P011 * UN 1559 (DOT) * ZOTOX

MUTATION DATA AND REFERENCES:
mrc-bcs 50 mmol/L — MUREAV 77,109,80
cyt-hmn:leu 1200 nmol/L — MUREAV 88,73,81
sce-ham:fbr 3200 ug/L — MUREAV 104,141,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 itt-rat TDLo:4597 ug/kg (1D male) — JRPFA4 7,21,64
1T02 scu-mus TDLo:4597 ug/kg (300 male) — JRPFA4 7,21,64

TOXICITY DATA AND REFERENCES:
orl-rat LD50:8 mg/kg — 2BZEAL 4,50,69
ipr-rat LD50:330 mg/kg — GTPZAB 19(3),30,75
orl-mus LD50:55 mg/kg — IRGGAJ 20,21,63
iva-rbt LDLo:6 mg/kg — NTIS** PB214-270

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 23,39,80
★ CARCINOGENIC REVIEW:INDEFINITE — IARC** 2,48,73
★ TLV-TWA 200 ug(As)/m3 — DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ARSENIC PENTOXIDE see: CG2275000
ARSENIC PENTOXIDE, SOLID (DOT) see: CG2275000
ARSENIC SESQUIOXIDE see: CG3325000
ARSENIC SESQUISULFIDE see: CG2638000
ARSENIC SESQUISULPHIDE see: CG2638000
ARSENIC, SOLID (DOT) see: CG0525000

CG2637000 ARSENIC SULFIDE

UPDT:8312 CAS: 56320-22-0 MW: 139.04 MOLFM: As-S2
SYN: ARSENIC DISULFIDE * ARSENIC SULFIDE, solid (DOT) * NA 1557 (DOT) * UN 1557 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82

CG2638000 ARSENIC SULFIDE

UPDT:8405 CAS: 1303-33-9 MW: 246.02 MOLFM: As2-S3
SYN: ARSENIC SESQUISULFIDE * ARSENIC SESQUISULPHIDE * ARSENIC SULFIDE, SOLID (DOT) * ARSENIC SULFIDE YELLOW * ARSENIC SULPHIDE * ARSENIC TERSULPHIDE * ARSENIC TRISULFIDE * ARSENIC TRISULPHIDE (DOT) * ARSENIC YELLOW * ARSENOUS SULPHIDE * ARSENOUS SULFIDE * AURIPIGMENT * C.I. 77086 * C.I. PIGMENT YELLOW * DIARSENIC TRISULFIDE * DIARSENIC TRISULPHIDE * KING'S YELLOW * KING'S GOLD * NA 1557 (DOT) * ORPIMENT * UN 1557 (DOT)

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:125 mg/kg — BJCAAI 20,190,66

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 23,39,80
★ TLV-TWA 200 ug(As)/m3 — DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ARSENIC SULFIDE, solid (DOT) see: CG2637000
ARSENIC SULFIDE, SOLID (DOT) see: CG2638000
ARSENIC SULFIDE YELLOW see: CG2638000
ARSENIC SULPHIDE see: CG2638000
ARSENIC TERSULPHIDE see: CG2638000
ARSENIC TRIBROMIDE see: CG1375000
ARSENIC TRICHLORIDE, LIQUID (DOT) see: CG1750000
ARSENIC TRIFLUORIDE see: CG5775000
ARSENIC TRIHYDRIDE see: CG6475000
ARSENIC TRIIODIDE see: CG1950000

CG3200000 ARSENIC TRIIODIDE mixed with MERCURIC IODIDE

UPDT:8310 CAS: BC12-54-2
SYN: ARSENIOUS and MERCURIC IODIDE SOLUTION (DOT) * DONOVAN'S SOLUTION * NA 2810 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) — DTLVS* 4,254,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 — NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976

CG3325000 ARSENIC TRIOXIDE

UPDT:8408 CAS: 1327-53-3 MW: 197.84 MOLFM: As2-O3
SYN: ACIDE ARSENIEUX (French) * ANHYDRIDE ARSENIEUX (French) * ARSENIC BLANC (French) * ARSENIC OXIDE * ARSENIC (III) OXIDE * ARSENIC SESQUIOXIDE * ARSENIC TRIOXIDE, SOLID (DOT) * ARSENICUM ALBUM * ARSENIC, white, solid (DOT) * ARSENIGEN SAURE (German) * ARSENOUS ACID * ARSENIOUS ACID, solid (DOT) * ARSENIOUS OXIDE * ARSENOUS TRIOXIDE * ARSENITE * ARSENOLITE * ARSENOUS ACID * ARSENOUS ACID ANHYDRIDE * ARSENOUS ANHYDRIDE * ARSENOUS OXIDE * ARSENOUS OXIDE ANHYDRIDE * ARSENTRIOXIDE * ARSODENT * CLAUDELITE * CLAUDETITE * CRUDE ARSENIC * DIARSENIC TRIOXIDE * RCRA WASTE NUMBER P012 * UN 1561 (DOT) * WHITE ARSENIC

MUTATION DATA AND REFERENCES:
mrc-bcs 50 mmol/L — MUREAV 77,109,80
dni-hmn:hla 500 umol/L — MUREAV 92,427,82

BEST COPY AVAILABLE

cyt-hmn-leu 1200 nmol/L MUREAV 88,77,81
dni-mus-orl 20 mL/kg ARGEAR 51,605,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T74T77 orl-wmn TDLo:600 mg/kg (30W preg) AJDCAI 117,328,69
1T26 orl-mus TDLo:224 mg/kg (MGN) AEMLAU 23,102,71

TUMORIGENIC DATA AND REFERENCES:
2V03J60 itr-rat TDLo:16 mg/kg 15W-I EVHPAZ 19,191,77
2V03J60 itr-rat TD :75 mg/kg 15W-I FRIZAA4 71,19,80

TOXICITY DATA AND REFERENCES:
orl-man LD50:1430 ug/kg PCOC** -,65,66
3C10F17918 orl-man TDLo:16 mg/kg 26W-I LANCAO 2,1600,1900
unk-man TDLo:2941 ug/kg BSDCAI 2,73,70
3F12R06R13 orl-rat LD50:15100 ug/kg AMIHAB 17,118,58
scu-rat LDLo:15 mg/kg BIZEA2 184,360,27
3F12R06R13 orl-mus LD50:39400 ug/kg AMIHAB 17,118,58
orl-dog LDLo:10 mg/kg HBAMAK 4,1289,35
idr-dog LDLo:2 mg/kg HBAMAK 4,1289,35
orl-rbt LDLo:4 mg/kg NTIS** PB214-270
scu-rbt LDLo:7 mg/kg 27ZWAY 3,479,27
ivn-rbt LDLo:4 mg(As)/kg BIZEA2 70,144,15
scu-gpg LDLo:6 mg/kg 27ZWAY 3,479,27
idr-pgn LDLo:100 mg/kg HBAMAK 4,1289,35
idr-chn LDLo:13 mg/kg HBAMAK 4,1289,35
orl-cti LDLo:50 mg/kg HBAMAK 4,1289,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,132,60; ADTEAS 5,51,72; PTPAD4 1,189,76; 85DHAX A-,-,77

★ CARCINOGENIC REVIEW:HUMAN:SUSPECTED IARC** 2,48,73
★ CARCINOGENIC REVIEW:HUMAN:POSITIVE IARC** 23,39,80
★ CARCINOGENIC REVIEW:ANIMAL:INDEFINITE IARC** 2,48,73
★ CARCINOGENIC REVIEW:ANIMAL:INDEFINITE IARC** 23,39,80
★ TLV-SUSPECTED CARCINOGEN (As-O3 production) DTLVS* 4,26,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ DOT-HAZARD:POISON B, LABEL:POISON CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3:15M NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CG3326000 ARSENIC TRIOXIDE mixed with SELENIUM DIOXIDE (1:1)

UPDT:8401
SYN: SELENIUM DIOXIDE mixed with ARSENIC TRIOXIDE (1:1)

TUMORIGENIC DATA AND REFERENCES:
2V03B60 orl-mus TDLo:16 mg/kg 35W-C BICHBX 9,245,78

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
★ TLV-SUSPECTED CARCINOGEN (As2-O3 production) DTLVS* 4,26,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19574,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3:15M NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ARSENIC TRIOXIDE, SOLID (DOT) see: CG3325000
ARSENIC, (TRIS(DIMETHYLDITH:OCARBAMATO))- see: CH9000000
ARSENIC TRISULFIDE see: CG2638000
ARSENIC TRISULFIDE (DOT) see: CG2638000
ARSENICUM ALBUM see: CG3325000
ARSENIC YELLOW see: CG2638000
ARSENIGEN SALBE (German) see: CG3325000
ARSENICUS ACID see: CG3325000

CG3380000 ARSENIOUS ACID, CALCIUM SALT

UPDT:8312 CAS: 27152-37-4 MW: 164.01 MOLFM: As-Ca-H-O3
SYN: CALCIUM ARSENITE * CALCIUM ARSENITE, SOLID (DOT) * MONOCALCIUM ARSENITE * NA 1574 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ DOT-HAZARD:POISON B, LABEL:POISON CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3:15M NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976

CG3385000 ARSENIOUS ACID, COPPER(II) SALT (1:1)

UPDT:8308 CAS: 10290-12-7 MW: 187.47 MOLFM: As-Cu-H-O3
SYN: ACID COPPER ARSENITE * AIR-FLO GREEN * ARSONIC ACID COPPER(2+) SALT (1:1) (9CI) * COPPER ARSENITE * COPPER ARSENITE SOLID (DOT) * COPPER ORTHOARSENITE * CUPRIC ARSENITE * CUPRIC GREEN * SCHEELE'S GREEN * SCHEELE'S MINERAL * SWEDISH GREEN * UN 1586 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ DOT-HAZARD:POISON B, LABEL:POISON CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3:15M NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976

CG3400000 ARSENIOUS ACID, DISODIUM SALT

UPDT:8402 MW: 152.90 MOLFM: As-O2-Na2
SYN: SODIUM ARSENITE

MUTATION DATA AND REFERENCES:
mmo-smc 100 nmol/L MUREAV 117,149,83
cyt-hmn-leu 2900 pmol/L/48H MUREAV 16,332,72
cyt-hmn-fbr 2900 pmol/L/24H MUREAV 16,332,72
otr-mus-emb 12 umol/L PAACA3 24,100,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T76T85 orl-mus TDLo:85 mg/kg (1-17D preg) TJADAB 24(1),53A,81
1T85 ipr-mus TDLo:68 mg/kg (1-17D preg) TJADAB 24(1),53A,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:70 mg/kg BPCA2 7,135,68
skn-rat LD50:150 mg/kg WBPCA2 7,135,68
ipr-mus LD50:1170 ug/kg COREAF 257,791,63

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PTPAD4 1,189,76
★ TLV-TWA 200 ug(As)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3:15M NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ARSENIOUS ACID, solid (DOT) see: CG3325000

CG3675000 ARSENIOUS ACID, MONOSODIUM SALT

UPDT:8406 CAS: 7784-46-5 MW: 129.91 MOLFM: As-O2-Na
SYN: ARSENENOUS ACID, SODIUM SALT (9CI) * ARSENIOUS ACID, SODIUM SALT * ARSENIC DI SODIUM (French) * ATLAS A * CHEM-PELS C * CHEM-SEN 56 * KILL-ALL * PENITE * PROSALVANOL * PROSALVANOL DOUBLE * SODANIT * SODIUM ARSENITE * SODIUM ARSENITE, liquid (Inhalation) (DOT) * SODIUM ARSENITE, SOLID (DOT) * SODIUM METAARSENITE * UN 1686 (DOT) * UN 2027 (DOT)

MUTATION DATA AND REFERENCES:
mmo-esc 1200 umol/L MUREAV 31,185,75
dnr-esc 63 ug/well ENMUDM 3,429,81
dnr-bcs 50 mmol/L MUREAV 31,185,75
mmo-smc 100 mmol/L MUREAV 117,149,83
oms-hmn-lym 770 mmol/L SWEHDO 7,277,81
cyt-hmn-lym 1 mg/L ENMUDM 3,597,81
cyt-hmn-leu 1 mmol/L AEMBAP 91,117,77
cyt-hmn-fbr 1 mmol/L AEMBAP 91,117,77
sce-hmn-lym 3900 nmol/L SWEHDO 7,277,81
sce-hmn-leu 100 ug/L ENMUDM 3,597,81
otr-mus-emb 12 umol/L PAACA3 24,100,83
msc-mus-lym 1560 ug/L JTEHD6 9,367,82
otr-ham-emb 100 umol/L CNREAB 39,193,79
cyt-ham-ovr 10 umol/L/24H JCIBA3 83(2,part 2),159a,79
cyt-ham-emb 1 mg/L EMMUDM 3,597,81
sce-ham-emb 50 ug/L ENMUDM 3,597,81
sce-ham-fbr 1 mg/L MUREAV 104,141,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T41T42 ipr-rat TDLo:11 mg/kg (7D preg) TJADAB 23,66A,81
2T25T46 ipr-rat TDLo:11 mg/kg (10D preg) TJADAB 23,66A,81
1T35 orl-mus TDLo:40 mg/kg (10D preg) TJADAB 21,27A,80
1T25 orl-mus TDLo:40 mg/kg (10D preg) BECTA6 26,749,81
1T34 orl-mus TDLo:45 mg/kg (10D preg) BECTA6 26,749,81
3T25T34T35 ipr-mus TDLo:10 mg/kg (10D preg) BECTA6 7,216,72
3T41T42T43 ipr-mus TDLo:10 mg/kg (9D preg) BECTA6 7,216,72
1T46 ipr-mus TDLo:10 mg/kg (9D preg) BECTA6 7,216,72
1T59 ipr-mus TDLo:10 mg/kg (9D preg) EVHPAZ 19,219,77
1T25 orl-ham TDLo:5 mg/kg (9D preg) TJADAB 23,40A,81
2T34T35 orl-ham TDLo:25 mg/kg (12D preg) BECTA6 29,671,82
1T25 ipr-ham TDLo:5 mg/kg (9D preg) TJADAB 23,40A,81
2T34T35 ipr-ham TDLo:5 mg/kg (11D preg) BECTA6 29,671,82
1T41 ivn-ham TDLo:2 mg/kg (3D preg) EXMPA6 34,145,81
1T25 ivn-ham TDLo:5 mg/kg (8D preg) EXMPA6 34,145,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:41 mg/kg AIHAAP 30,470,69
skn-rat LD50:150 mg/kg PHJOAV 185,361,60
ipr-rat LDLo:2450 ug/kg AEMLAU 3,189,61
ivn-rat LDLo:6 mg/kg JPETAB 33,270,28
ipr-mus LD50:19 mg/kg JPETAB 80,93,44
scu-mus LD50:10 mg/kg PSEBAA 78,392,51
ims-mus LD50:12160 ug/kg EXMDA4 440,312,78
orl-rbt LDLo:7500 ug/kg JPETAB 33,270,28
ivn-rbt LDLo:6 mg/kg JPETAB 33,270,28
orl-mam LD50:10 mg/kg FMCHA2 -,C215,83

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PTPAD4 1,189,76; ENVRAL 16,139,78
★ CARCINOGENIC REVIEW:HUMAN:SUSPECTED IARC** 2,48,73
★ CARCINOGENIC REVIEW:HUMAN:POSITIVE IARC** 23,39,80
★ CARCINOGENIC REVIEW:ANIMAL:NEGATIVE IARC** 2,48,73
★ CARCINOGENIC REVIEW:ANIMAL:INDEFINITE IARC** 23,39,80
★ TLV-TWA 200 ug(As)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ DOT-HAZARD:POISON B, LABEL:POISON CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3:15M NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CG3800000 ARSENIOUS ACID, POTASSIUM SALT

UPDT:8401 CAS: 10124-50-2 MW: 299.65 MOLFM: As-H3-O3-xK
SYN: ARSENENOUS ACID, POTASSIUM SALT * ARSENITE DE POTASSIUM (French) * ARSONIC ACID, POTASSIUM SALT * FOWLER'S SOLUTION * KALIUMARSENIT (German) * NSC 20461 * POTASSIUM ARSENITE * POTASSIUM ARSENITE SOLID (DOT) * POTASSIUM METAARSENITE * UN 1678 (DOT)

MUTATION DATA AND REFERENCES:
cyt-hmn-leu 1 umol/L/48H CNREAB 25,980,65

TUMORIGENIC DATA AND REFERENCES:
3V01H60L60 orl-man TDLo:214 mg/kg 15Y-C GASTAB 68,1582,75
3V03R60V10 skn-mus TDLo:576 mg/kg 12W-I BMJOAE 2,1107,72
3V01R03R60 orl-man TD :7560 mg/kg 26W-C ANSUA5 99,348,34
2V01R60 orl-man TD :441 mg/kg 3W-C ANSUA5 99,348,34
2V01R60 orl-chd TD :390 mg/kg 3Y-C AIMEA5 61,296,64

TOXICITY DATA AND REFERENCES:
2L30R03 orl-hmn TDLo:74 mg/kg LANCAO 1,269,53
orl-rat LD50:14 mg/kg AFDOAQ 15,122,51
skn-rat LD50:150 mg/kg PHJOAV 185,361,60
orl-dog LDLo:3 mg/kg HBAMAK 4,1289,35
scu-dog LDLo:700 ug/kg HBAMAK 4,1289,35
ivn-dog LDLo:2 mg/kg HBAMAK 4,1289,35
scu-cat LDLo:5 mg/kg HBAMAK 4,1289,35
scu-rbt LDLo:8 mg/kg HBAMAK 4,1289,35
ivn-rbt LDLo:6 mg/kg HBAMAK 4,1289,35
scu-gpg LDLo:9 mg/kg HBAMAK 4,1289,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX A-,-,77; ENVRAL 16,139,78
★ CARCINOGENIC REVIEW:HUMAN:SUSPECTED IARC** 2,48,73
★ CARCINOGENIC REVIEW:HUMAN:POSITIVE IARC** 23,39,80

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 2,48,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 23,39,80
★ TL (-)-TWA 200 ug(As)/m3 — DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD-POISON B, LABEL:POISON — CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CG3850000 ARSENIOUS ACID, SODIUM SALT

UPDT:8102 CAS: 14060-38-9 MW: 208.88 MOLFM: As-H3-O3 aNa
SYN: ARSENIOUS ACID, SODIUM SALT POLYMERS * ARSONIC ACID, SODIUM SALT (9CI) * NATRIUMARSENIT (German) * SODIUM ORTHOARSENITE

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:9 mg/kg — JPETAB 58,454,36
orl-frg LDLo:600 mg/kg — HBAMAK 4,12,9,35
scu-frg LDLo:200 mg/kg — HBAMAK 4,1289,35
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 — DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19384,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
ARSENIOUS ACID, SODIUM SALT see: CG3675000
ARSENIOUS ACID, SODIUM SALT POLYMERS see: CG3850000
ARSENIOUS ACID, STRONTIUM SALT see: WK7900000

CG3884000 ARSENIOUS ACID, TRISILVER(1 +) SALT

UPDT:8312 CAS: 7784-08-9 MW: 446.53 MOLFM: As-O3-3Ag
SYN: ARSENOUS ACID, TRISILVER(1 +) SALT (9CI) * SILVER ARSENATE * SILVER ARSENITE (DOT) * UN 1683 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B, LABEL:POISON — CFRGBR 49,172,102,83

CG3890000 ARSENIOUS ACID, ZINC SALT

UPDT:8308 CAS: 10326-24-6 MW: 140.61 MOLFM: As-H-O2 1/2Zn
SYN: ARSENENOUS ACID, ZINC SALT (9CI) * UN 1712 (DOT) * ZINC ARSENITE, SOLID (DOT) * ZINC METAARSENITE * ZINC METHARSENITE * ZMA
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(As)/m3 — DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD-POISON B, LABEL:POISON — CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
ARSENIOUS CHLORIDE see: CG1750000
ARSENIOUS and MERCURIC IODIDE SOLUTION (DOT) see: CG3200000
ARSENIOUS OXIDE see: CG3325000
ARSENIOUS SULPHIDE see: CG2638000
ARSENIOUS TRIOXIDE see: CG3325000
ARSENITE see: CG3325000
ARSENITE DE POTASSIUM (French) see: CG3800000
ARSENITE DE SODIUM (French) see: CG3675000
ARSENIURETTED HYDROGEN see: CG6475000
ARSENO 39 see: SJ5600000

CG4210000 ARSENOBENZENE, DISODIUM deriv.

UPDT:7901 MW: 350.04 MOLFM: C12-H10-As2 2Na
SYN: SODIUM ARSENOBENZENE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:490 ug/kg — CLDND*
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
ARSENO-BISMUCAL see: EB2985500
ARSENOLITE see: CG3325000
ARSENOMARCASITE see: CG4340000

CG4300000 ARSENOMETHANE DISULFIDE, DICHLORO-

UPDT:7901 MW: 312.92 MOLFM: C2-H6-As2-Cl2-S2
SYN: DICHLOROARSENOMETHANE DISULFIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:5600 ug/kg — CSLNX* NX#00341
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
1-(p-ARSENOPHENYL)UREA see: CG9200000

CG4340000 ARSENOPYRITE

UPDT:8012 CAS: 1303-18-0 MW: 162.83 MOLFM: As-Fe-S
SYN: ARSENOMARCASITE * MISPICKEL
TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:200 mg/kg — JNCIAM 1,241,40
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19384,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
ARSENOSAN see: SJ5600000
p-ARSENOSOANILINE see: BW7360000
4-ARSENOSOANILINE, DIHYDRATE see: CG7250000
ARSENOSOBENZENE see: CH8100000
p-ARSENOSO-N,N-BIS(2-CHLOROETHYL)ANILINE see: BW7370000
p-ARSENOSO-N,N-BIS(2-HYDROXYETHYL)ANILINE see: BW7380000
p-ARSENOSO-N,N-DIETHYLANILINE see: BW7390000
2-ARSENOSO-1,1'-BIPHENYL see: DV0700000
4-ARSENOSO-2-NITROPHENOL see: SJ7185000
p-APSENOSOPHENOL see: SJ7180000
p-ARSENOSOTOLUENE see: XS9900000
ARSENOUS ACID see: CG3325000
ARSENOUS ACID ANHYDRIDE see: CG3325000
ARSENOUS ACID, TRISILVER(1 -) SALT (9CI) see: CG3884000
ARSENOUS ANHYDRIDE see: CG3325000
ARSENOUS BROMIDE see: CG1375000
ARSENOUS CHLORIDE see: CG1750000
ARSENOUS FLUORIDE see: CG5775000
ARSENOUS HYDRIDE see: CG6475000
ARSENOUS IODIDE see: CG1950000
ARSENOUS OXIDE see: CG3325000
ARSENOUS OXIDE ANHYDRIDE see: CG3325000
ARSENOUS SULFIDE see: CG2638000
ARSENOUS TRIBROMIDE see: CG1375000
ARSENOUS TRICHLORIDE (9CI) see: CG1750000

CG5775000 ARSENOUS TRIFLUORIDE

UPDT:8102 CAS: 7784-35-2 MW: 131.92 MOLFM: As-F3
SYN: ARSENIC FLUORIDE * ARSENIC TRIFLUORIDE * ARSENOUS FLUORIDE * TL 156 * TRIFLUOROARSINE
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:2000 mg/m3/10M — NDRC** NDCrc-132,Aug,42
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
ARSENOUS TRIIODIDE (9CI) see: CG1950000
ARSENOWODOR (Polish) see: CG6475000
ARSENOXIDE see: SJ5600000
ARSENPHENOLAMINE HYDROCHLORIDE see: SJ7175000
ARSENTRIOXIDE see: CG3325000
ARSENWASSERSTOFF (German) see: CG6475000
ARSEVAN see: WS3680000
ARSICODILE see: CH7700000

CG6475000 ARSINE

UPDT:8412 CAS: 7784-42-1 MW: 77.95 MOLFM: As-H3
SYN: ARSENIC HYDRID * ARSENIC HYDRIDE * ARSENIC TRIHYDRIDE * ARSENIURETTED HYDROGEN * ARSENOUS HYDRIDE * ARSENOWODOR (Polish) * ARSENWASSERSTOFF (German) * ARSINE (DOT) * HYDROGEN ARSENIDE * UN 2188 (DOT)
TOXICITY DATA AND REFERENCES:
2P08P23 ihl-hmn TCLo:3 ppm — AMIHAB 21,132,60
2P23N03 ihl-hmn LCLo:25 ppm/30M — AEMLAU 19,133,69
2K3DM14 ihl-man TCLo:325 ug/m3 — AEMLAU 34,224,79
ihl-rat LCLo:300 mg/m3/15M — FATOAO 30(2),226,67
ihl-mus LCLo:70 mg/m3/3H — AEXPBL 80,288,17
ihl-dog LCLo:400 mg/m3/15M — FATOAO 30(2),226,67
ihl-mky LCLo:70 mg/m3/15M — HBAMAK 4,1289,35
ihl-cat LCLo:150 mg/m3/20M — HBAMAK 4,1289,35
ihl-rbt LCLo:500 mg/m3/15M — FATOAO 30(2),226,67
ihl-frg LCLo:4500 mg/m3/3H — AEXPBL 80,288,17
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NEJMAG 291(22),1171,74; AMIHAB 21,132,60; PTPAD4 1,189,76; AJMEAZ 38,409,65
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 23,39,80
★ TLV-TWA 50 ppb — DTLVS* 4,27,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.05 ppm (SCP-J) — FEREAC 39,23540,74
★ DOT-HAZARD-POISON A, LABEL:POISON GAS AND FLAMMABLE GAS — CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S229, VOL 4 265*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 32, 1979
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CG6825000 ARSINE, ALLYLDICHLORO-

UPDT:7901 CAS: 64047-01-4 MW: 186.90 MOLFM: C3-H5-As-Cl2
SYN: ALLYLDICHLOROARSINE * TL 296
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:330 mg/m3/10M — NDRC** NDCrc-132,Aug,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
ARSINE, (3-AMINO-4-HYDROXYPHENYL)DICHLORO-, HYDROCHLORIDE see: SJ5775000
ARSINE, (p-AMINOPHENYL)DICHLORO-, HYDROCHLORIDE see: BX2700000

CG7250000 ARSINE, (p-AMINOPHENYL)OXO-, DIHYDRATE

UPDT:7903 CAS: 73791-39-6 MW: 183.05 MOLFM: C6-H6-As-N-O
SYN: p-AMINOPHENYLARSINE OXIDE DIHYDRATE * ANILINE, p-ARSENOSO- DIHYDRATE * 4-ARSENOSOANILINE, DIHYDRATE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:100 mg/kg — CSLNX* NX#06293
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG7350000 ARSINE, AMYL-

UPDT:7901 CAS: 693-01-6 MW: 148.10 MOLFM: C5-H13-As
SYN: AMYLARSINE * TL 484
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1780 mg/m3/10M — NDRC** NDCrc-132,Nov,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
ARSINE, AMYLDIBROMO- see: CH8225000

CG7700000 ARSINE, AMYLDICHLORO-

UPDT:7901 CAS: 692-95-5 MW: 216.98 MOLFM: C5-H11-As-Cl2
SYN: PENTYLDICHLOROARSINE * TL 164
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:290 mg/m3 — NDRC** NDCrc-132,Jan,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG7875000 ARSINE, AMYLDICYANO-

UPDT:7901 CAS: 64046-74-8 MW: 198.12 MOLFM: C7-H11-As-N2
SYN: PENTYLDICYANOARSINE * TL 428
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:610 mg/m3/10M — NDRC** No.9-4-1-9,43
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
ARSINE, BIS(CARBOXYMETHYLTHIO)(p-UREIDOPHENYL)- see: AI6500000

CG8300000 ARSINE, BIS(2-CHLOROETHOXY)CHLORO-

UPDT:7901 CAS: 80708-09-0 MW: 289.39 MOLFM: C4-H8-As-Cl3-O2
SYN: ARSINE, CHLOROBIS(2-CHLOROETHOXY)- * Di-beta-CHLOROETHOXY-CHLOROARSINE * TL 184
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1260 mg/m3/10M — NDRC** NDCrc-132,Aug,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG8350000 ARSINE, BIS(2-CHLOROVINYL)CHLORO-

UPDT:7901 CAS: 40334-69-8 MW: 233.35 MOLFM: C4-H4-As-Cl3

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

SYN: BIS(2-CHLOROVINYL)CHLOROARSINE * LEWISITE II

TOXICITY DATA AND REFERENCES:
skn-gpg LD50:8 mg/kg — JPBAA7 58,411,46
scu-gpg LD50:200 ug/kg — JPBAA7 58,411,46

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG8400000 ARSINE, BIS(2-CHLOROVINYL)PHENYL-
UPDT:7901 CAS: 64046-75-9 MW: 275.01 MOLFM: C10-H9-As-Cl2
SYN: TL 61

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:760 mg/m3/10M — NDRC** NDCrc-132,Aug,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG8490000 ARSINE, BIS(DODECYLTHIO)METHYL-
UPDT:8012 CAS: 2475-18-5 MW: 492.82 MOLFM: C25-H53-As-S2
SYN: ARSONODITHIOUS ACID, METHYL-, DIDODECYL ESTER (9CI) * MALS * METHANEARSONOUS ACID, DITHIO-, DIDODECYL ESTER (8CI) * METHYLARSINE BIS(LAURYL SULFIDE)

TOXICITY DATA AND REFERENCES:
unk-man LD50:1000 mg/kg — 30ZDA9 -,392,71

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG8500000 ARSINE, BIS(METHYLTHIO)(2-CHLOROVINYL)-
UPDT:7901 CAS: 64049-10-1 MW: 230.61 MOLFM: C4-H8-As-Cl-S2
SYN: TL 339

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:880 mg/m3/10M — NDRC** NDCrc-132,Sept,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG8575000 ARSINE, BUTYLCHLOROETHYL-
UPDT:7901 CAS: 64049-05-4 MW: 196.57 MOLFM: C6-H14-As-Cl
SYN: TL 486

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:690 mg/m3/10M — NDRC** NDCrc-132,Dec,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG8750000 ARSINE, BUTYLCYANOETHYL-
UPDT:7901 CAS: 64049-00-5 MW: 187.14 MOLFM: C7-H14-As-N
SYN: TL 487

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:260 mg/m3/10M — NDRC** NDCrc-132,Dec,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG8925000 ARSINE, BUTYLDICHLORO-
UPDT:7901 CAS: 692-23-9 MW: 202.93 MOLFM: C4-H9-As-Cl2
SYN: TL 209

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:250 mg/m3/10M — NDRC** NDCrc-132,May,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG9100000 ARSINE, sec-BUTYLDICHLORO-
UPDT:8012 CAS: 684-82-2 MW: 202.93 MOLFM: C4-H9-As-Cl2
SYN: ARSONOUS DICHLORIDE, (1-METHYLPROPYL)- (9CI) * sec-BUTYLDICHLOROARSINE * DICHLORO(1-METHYLPROPYL)ARSINE

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1200 mg/m3/10M — NDRC** NDCrc-132,Mar,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG9200000 ARSINE, 4-CARBAMIDOPHENYLOXO-
UPDT:8312 CAS: 2490-89-3 MW: 226.08 MOLFM: C7-H7-As-N2-O2
SYN: 1-(p-ARSENOPHENYL)UREA * p-CARBAMIDOPHENYL ARSENOUS ACID * p-CARBAMIDOPHENYL ARSENOUS OXIDE * CARBARSONE OXIDE * CHEMOTHERAPY CENTER No. 606

IRRITATION DATA AND REFERENCES:
eye-rbt 2 mg — JPETAB 82,377,44

TOXICITY DATA AND REFERENCES:
orl-rat LD50:510 mg/kg — FEPRA7 5,162,46
ipr-rat LD50:55 mg/kg — JPETAB 91,112,47
ivn-rat LD50:17 mg/kg — JPETAB 91,112,47
ipr-mus LD50:59 mg/kg — JPETAB 91,112,47
ivn-mus LD50:41 mg/kg — JPETAB 91,112,47
ivn-rbt LDLo:20 mg/kg — JPETAB 91,112,47

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

ARSINE, CHLOROBIS(2-CHLOROETHOXY)- see: CG8300000

CG9275000 ARSINE, CHLOROBIS(CHLOROMETHYL)-
UPDT:8107 CAS: 56863-50-4 MW: 209.33 MOLFM: C2-H4-As-Cl3
SYN: CHLOROBIS(CHLOROMETHYL)ARSINE * CHLOROMETHYL CHLOROARSINE * DICHLOROMETHYLCHLOROARSINE * TL 114

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:430 mg/m3 — NDRC** NDCrc-132,Apr,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG9625000 ARSINE, CHLORO(2-CHLOROVINYL)PHENYL-
UPDT:7901 CAS: 64049-07-6 MW: 248.97 MOLFM: C8-H7-As-Cl2
SYN: TL 59

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1500 mg/m3/10M — NDRC** NDCrc-132,Aug,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG9700000 ARSINE, CHLORODIETHYL-
UPDT:8012 CAS: 686-61-3 MW: 168.51 MOLFM: C4-H10-As-Cl
SYN: ARSINOUS CHLORIDE, DIETHYL- (9CI) * CHLORODIETHYLARSINE

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1960 mg/m3/10M — NDRC** NDCrc-132,Sept,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG9800000 ARSINE, CHLORODI(2-FURYL)-
UPDT:7901 CAS: 64049-08-7 MW: 244.51 MOLFM: C8-H6-As-Cl-O2
SYN: TL 289

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1630 mg/m3/10M — NDRC** NDCrc-132,Aug,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CG9900000 ARSINE, CHLORODIPHENYL
UPDT:8312 CAS: 712-48-1 MW: 264.59 MOLFM: C12-H10-As-Cl
SYN: ARSINOUS CHLORIDE, DIPHENYL- (9CI) * BLUE CROSS * CHLORODIPHENYLARSINE * CLARK I * DA * DIPHENYLCHLOROARSINE (Dutch) * DIPHENYLCHLOROARSINE * DIPHENYLCHLOROARSINE (DOT) * SNEEZING GAS * UN 1699 (DOT)

TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:55 ppm/30M — NTIS** PB214-270
ihl-dog LCLo:31 ppm/50M — ZGEMAZ 13,523,21
ihl-cat LCLo:6 ppm/12M — ZGEMAZ 13,523,21
scu-cat LDLo:500 ug/kg — ZGEMAZ 13,523,21

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
★ DOT-IMO-POISON B; LABEL:POISON — CFRGBR 49,172.102,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH0350000 ARSINE, (2-CHLOROETHYL)DICHLORO-
UPDT:7901 CAS: 3007-65-3 MW: 209.33 MOLFM: C2-H4-As-Cl3
SYN: beta-CHLOROETHYLDICHLOROARSINE

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1300 mg/m3/10M — NDRC** NDCrc-132,Mar,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

ARSINE, (2-CHLOROETHYLMERCAPTO)DIMETHYL- see: CH0435000

CH0420000 ARSINE, CHLOROETHYLPROPYL-
UPDT:7901 CAS: 668-97-1 MW: 182.54 MOLFM: C5-H12-As-Cl
SYN: TL 426

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:2300 mg/m3/10M — NDRC** NDCrc-132,Oct,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH0435000 ARSINE, (2-CHLOROETHYLTHIO)DIMETHYL-
UPDT:7901 CAS: 64049-09-8 MW: 200.57 MOLFM: C4-H10-As-Cl-S
SYN: ARSINE, (2-CHLOROETHYLMERCAPTO)DIMETHYL- * ARSINE, DIMETHYL(2-CHLOROETHYLMERCAPTO)- * TL 909

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:800 mg/m3/10M — NDRC** No 9-4-1-9,43

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

ARSINE, (2-CHLOROVINYL)DICHLORO- see: CH2975000

CH1400000 ARSINE, (2-CHLOROVINYL)DIMETHOXY-
UPDT:7901 CAS: 64049-12-3 MW: 198.49 MOLFM: C4-H8-As-Cl-O2
SYN: TL 405

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:840 mg/m3/10M — NDRC** NDCrc-132,Oct,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

ARSINE, 2-CHLOROVINYL- OXIDE see: CH720u000

CH1925000 ARSINE, CYANODI(2-FURYL)-
UPDT:7901 CAS: 64049-15-6 MW: 235.08 MOLFM: C9-H6-As-N-O2
SYN: TL 376

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:460 mg/m3/10M — NDRC** NDCrc-132,Sept,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH2100000 ARSINE, CYANODIMETHYL-
UPDT:8012 CAS: 683-45-4 MW: 131.02 MOLFM: C3-H6-As-N
SYN: ARSINOUS CYANIDE, DIMETHYL- (9CI) * CYANODIMETHYLARSINE * DIMETHYLCYANOARSINE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:50 mg/kg — NCNSA6 5,13,53
ihl-mus LCLo:400 mg/m3/15M — ZGEMAZ 13,523,21
ihl-dog LCLo:900 mg/m3/8M — ZGEMAZ 13,523,21
ihl-cat LCLo:100 mg/m3/20M — ZGEMAZ 13,523,21

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH2625000 ARSINE, DIBROMOETHYL-
UPDT:7901 CAS: 683-43-2 MW: 263.81 MOLFM: C2-H5-As-Br2
SYN: TL 485

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:520 mg/m3/10M — NDRC** NDCrc-132,Dec,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH2700000 ARSINE, DIBROMOPHENYL-
UPDT:8012 CAS: 696-24-2 MW: 311.85 MOLFM: C6-H5-As-Br2
SYN: ARSONOUS DIBROMIDE, PHENYL- (9CI) * DIBROMOPHENYLARSINE * PHENYLDIBROMOARSINE

TOXICITY DATA AND REFERENCES:
skn-rat LD50:15 mg/kg — JPBAA7 58,411,46
skn-rbt LD50:4 mg/kg — JPBAA7 58,411,46
ivn-rbt LD50:500 ug/kg — JPBAA7 58,411,46
skn-gpg LD50:6 mg/kg — JPBAA7 58,411,46

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH2800000 ARSINE, DICHLORO(2-CHLORO-1-PENTENYL)-
UPDT:7901 CAS: 64049-18-9 MW: 249.40 MOLFM: C5-H8-As-Cl3
SYN: TL 382

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:300 mg/m3/10M — NDRC** NDCrc-132,Oct,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH2975000 ARSINE, DICHLORO(2-CHLOROVINYL)-
UPDT:8011 CAS: 541-25-3 MW: 207.31 MOLFM: C2-H2-As-Cl3
SYN: ARSINE, (2-CHLOROVINYL)DICHLORO- * ARSONOUS DICHLORIDE, (2-CHLOROETHENYL)- (9CI) * CHLOROVINYLARSINE DICHLORIDE * beta-CHLOROVINYLDICHLOROARSINE * 2-CHLOROVINYLDICHLOROARSINE * DICHLORO(2-CHLOROVINYL)ARSINE * LEWISITE * LEWISITE (ARSENIC COMPOUND)

TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:6 ppm/30M — NTIS** PB214-270
skn-hmn LDLo:20 ug/kg — 27ZZA9 8,192,57
skn-rat LD50:24 mg/kg — JPBAA7 58,411,46
scu-rat LD50:1 mg/kg — JPBAA7 58,411,46
ihl-mus LCLo:150 mg/m3/10M — NDRC** NDCrc-132,Feb,42
skn-dog LD50:15 mg/kg — JPBAA7 58,411,46
scu-dog LD50:2 mg/kg — JPBAA7 58,411,46
skn-rbt LD50:6 mg/kg — JPBAA7 58,411,46
scu-rbt LD50:2 mg/kg — JPBAA7 58,411,46
ivn-rbt LD50:500 ug/kg — JPBAA7 58,411,46
skn-gpg LD50:12 mg/kg — JPBAA7 58,411,46
scu-gpg LD50:1 mg/kg — JPBAA7 58,411,46
skn-dom LD50:15 mg/kg — JPBAA7 58,411,46

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH3150000 ARSINE, DICHLORO(4-ETHOXY-3,5-DINITROPHENYL)-
UPDT:7901 CAS: 64049-19-0 MW: 356.99 MOLFM: C8-H7-As-Cl2-N2-O5
SYN: TL 489

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:250 mg/m3/10M — NDRC** NDCrc-132,Dec,42

BEST COPY AVAILABLE

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH3325000 ARSINE, DICHLORO(2-ETHOXYETHYL)-
UPDT:7901 CAS: 64049-20-3 MW: 218.95 MOLFM: C4-H9-As-Cl2-O
SYN: beta-ETHOXYETHYLDICHLOROARSINE
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:560 mg/m3/10M NDRC** NDCrc-132,Mar,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH3500000 ARSINE, DICHLOROETHYL-
UPDT:8312 CAS: 598-14-1 MW: 174.89 MOLFM: C2-H5-As-Cl2
SYN: ARSENIC DICHLOROETHANE * ARSONOUS DICHLORIDE, ETHYL- (9CI) * DICHLOROETHYLARSINE * DICK (German) * ED * ETHYLDICHLOROARSINE * ETHYLDICHLOROARSINE (DOT) * TL 214 * UN 1892 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:14 ppm/30M NTIS** PB214-270
ihl-mus LCLo:94 ppm/20M ZGEMAZ 13,523,21
ihl-cat LCLo:12 ppm/40M ZGEMAZ 13,523,21
scu-cat LDLo:1 mg/kg ZGEMAZ 13,523,21
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH3550000 ARSINE, DICHLORO-2-FURYL-
UPDT:7901 CAS: 66968-11-4 MW: 212.89 MOLFM: C4-H3-As-Cl2-O
SYN: TL 228
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:25 gm/m3/13M NDRC** NDCrc-132,June,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH3600000 ARSINE, DICHLOROHEPTYL-
UPDT:7901 CAS: 64049-21-4 MW: 245.04 MOLFM: C7-H15-As-Cl2
SYN: TL 229
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1310 mg/m3/10M NDRC** NDCrc-132,June,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH3675000 ARSINE, DICHLOROHEXYL-
UPDT:7901 CAS: 64049-22-5 MW: 231.01 MOLFM: C6-H13-As-Cl2
SYN: TL 231
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:300 mg/m3/10M NDRC** NDCrc-132,June,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH4025000 ARSINE, DICHLOROISOPENTYL-
UPDT:7901 CAS: 64049-23-6 MW: 216.98 MOLFM: C5-H11-As-Cl2
SYN: B-343 * ISOAMYLDICHLOROARSINE
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:150 mg/m3 NDRC** NDCrc-132,Apr,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH4200000 ARSINE, DICHLORO(2-METHOXYETHYL)-
UPDT:7901 CAS: 64049-24-7 MW: 204.92 MOLFM: C3-H7-As-Cl2-O
SYN: beta-METHOXYETHYLDICHLOROARSINE * TL 55
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:580 mg/m3/10M NDRC** NDCrc-132,Mar,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH4375000 ARSINE, DICHLOROMETHYL-
UPDT:8308 CAS: 593-89-5 MW: 160.86 MOLFM: C-H3-As-Cl2
SYN: ARSONOUS DICHLORIDE, METHYL- (9CI) * DICHLOROMETHYLARSINE * METHYLARSINE DICHLORIDE * METHYLDICHLOROARSINE * METHYLDICHLOROARSINE (DOT) * NA 1556 (DOT) * TL 294
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:270 mg/m3/10M NDRC** NDCrc-132,Oct,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:POISON A; POISON GAS CFRGBR 49,172.101,83

CH4550000 ARSINE, DICHLORO(2-METHYLBUTYL)-
UPDT:7901 CAS: 64049-25-8 MW: 216.98 MOLFM: C5-H11-As-Cl2
SYN: (2-METHYLBUTYL)DICHLOROARSINE * TL 230
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:260 mg/m3/10M NDRC** NDCrc-132,June,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH4725000 ARSINE, DICHLORO(m-NITROPHENYL)-
UPDT:7901 CAS: 6306-96-3 MW: 267.93 MOLFM: C6-H4-As-Cl2-N-O2
SYN: m-NITROPHENYL-DICHLOROARSINE * TL 66
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:170 mg/m3/10M NDRC** NDCrc-132,July,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH5075000 ARSINE, DICHLORO(p-NITROPHENYL)-
UPDT:7901 CAS: 51936-42-5 MW: 267.93 MOLFM: C6-H4-As-Cl2-N-O2
SYN: TL 68
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1120 mg/m3/10M NDRC** NDCrc-132,Sept,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH5425000 ARSINE, DICHLOROPHENYL-
UPDT:8406 CAS: 696-28-6 MW: 222.93 MOLFM: C6-H5-As-Cl2
SYN: ARSONOUS DICHLORIDE, PHENYL- (9CI) * DICHLOROPHENYLARSINE * FDA * FENILDICLORoARSINA (Italian) * NA 1556 (DOT) * PHENYLARSINEDICHLORIDE * PHENYL DICHLORARSINE * PHENYLDICHLOROARSINE * PHENYL DICHLOROARSINE (DOT) * RCRA WASTE NUMBER P036 * TL 69
TOXICITY DATA AND REFERENCES:
skn-rat LD50:16 mg/kg JPBAA7 58,411,46
scu-rat LD50:53 mg/kg GMAIAW 131,272,81
ihl-mus LCLo:370 mg/m3 NDRC** NDCrc-132,Apr,42
skn-rbt LDLo:8 mg/kg PHRPA6 53,338,38
skn-rbt LD50:500 ug/kg JPBAA7 58,411,46
skn-gpg LD50:4 mg/kg JPBAA7 58,411,46
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH5600000 ARSINE, DICHLOROPROPYL-
UPDT:7901 CAS: 926-53-4 MW: 188.92 MOLFM: C3-H7-As-Cl2
SYN: TL 295
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:480 mg/m3/10M NDRC** NDCrc-132,Aug,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH5775000 ARSINE, DICHLORO(meta-TRIFLUOROMETHYLPHENYL)-
UPDT:7901 CAS: 64048-90-4 MW: 291.94 MOLFM: C7-H5-As-Cl2-F3
TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:25 ppm/10M NTIS** PB214-270
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH5950000 ARSINE, DIFLUOROMETHYL
UPDT:7901 CAS: 420-24-6 MW: 127.96 MOLFM: C-H3-As-F2
SYN: TL 467
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:500 mg/m3/10M NDRC** NDCrc-132,Dec,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH5970000 ARSINE, DIFLUOROPHENYL-
UPDT:7901 CAS: 368-97-8 MW: 190.03 MOLFM: C6-H5-As-F2
SYN: ARSINE, PHENYLDIFLUORO-
TOXICITY DATA AND REFERENCES:
skn-rat LD50:15 mg/kg JPBAA7 58,411,46
skn-rbt LD50:4 mg/kg JPBAA7 58,411,46
ivn-rbt LD50:500 ug/kg JPBAA7 58,411,46
skn-gpg LD50:10 mg/kg JPBAA7 58,411,46
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH6050000 ARSINE, DIIODOMETHYL-
UPDT:8102 CAS: 7207-97-8 MW: 343.76 MOLFM: C-H3-As-I2
SYN: ARSONOUS DIIODIDE, METHYL- (9CI) * DIIODOMETHYLARSINE * METHYLARSINE DIIODIDE * METHYLDIIODOARSINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#03795
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
ARSINE, DIMETHYL-2-CHLOROETHYLMERCAPTO- see: CH0435000

CH6105000 ARSINE, DIPHENYLHYDROXY-
UPDT:8209 MW: 246.15 MOLFM: C12-H11-As-O
SYN: ARSINE, HYDROXYDIPHENYL- * DIPHENYLARSINOUS ACID * DIPHENYLHYDROXYARSINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg CPBTAL 2,19,54
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
ARSINE (DOT) see: CG6475000

CH6350000 ARSINE, ETHYL-
UPDT:8010 CAS: 593-59-9 MW: 106.01 MOLFM: C2-H7-As
SYN: ETHYLARSINE * TL 425
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:2140 mg/m3/10M NDRC** NDCrc-132,Nov,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH6700000 ARSINE, ETHYLENEBIS(DIPHENYL-
UPDT:7901 CAS: 4431-24-7 MW: 486.34 MOLFM: C26-H24-As2
SYN: ETHYLENEBIS(DIPHENYLARSINE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#04858
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH6825000 ARSINE, ETHYLIDIPROPOXY-
UPDT:7901 CAS: 64048-92-6 MW: 222.19 MOLFM: C8-H19-As-O2
SYN: TL 482
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:540 mg/m3/10M NDRC** NDCrc-132,Dec,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
ARSINE, HYDROXYDIPHENYL- see: CH6105000

CH6875000 ARSINE, METHYLDITHIOCYANATO-, HOMOPOLYMER
UPDT:8102 CAS: 53384-39-7 MOLFM: (C3-H3-As-N2-S2)x
SYN: ARSONOUS DITHIOCYANATE METHYL-, HOMOPOLYMER (9CI) * DTAS * MONGARE * POLY(METHYLBIS(THIOCYANATO)ARSINE)
MUTATION DATA AND REFERENCES:
mrc-bcs 5 ug/disc/24H MUREAV 40,19,76
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CH7000000 ARSINE, METHYLTHIOXO-
UPDT:8309 CAS: 2533-82-6 MW: 122.02 MOLFM: C-H3-As-S
SYN: ASOZIN * BAY 4934 * MAS * METHANE (THIOARSENOSO)- * METHYLARSENIC SULFIDE * METHYLARSINE SULFIDE * METHYLARSINIC SULFIDE * METHYLARSINIC SULPHIDE * MONNIL WP * RHIZOCTOL * URBASUF
MUTATION DATA AND REFERENCES:
mrc-bcs 1 ug/disc/24H MUREAV 40,19,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:100 mg/kg FMCHA2 -,C206,83
skn-rbt LD50:1400 mg/kg GUCHAZ 6,341,73
orl-mam LD50:100 mg/kg ZEAEAL 4,276,69
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH7200000 ARSINE OXIDE, ALLYLHYDROXYPHENYL-
UPDT:7903 CAS: 21905-27-1 MW: 226.12 MOLFM: C9-H11-As-O2
SYN: ALLYLHYDROXYPHENYLARSINE OXIDE * ALLYL PHENYL ARSINIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#06910
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH7230000 ARSINE OXIDE, (3-AMINO-4-(2-HYDROXYETHOXY)PHENYL)-
UPDT:7901 CAS: 64048-54-8 MW: 245.13 MOLFM: C8-H12-As-N-O3
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:200 mg/kg JPETAB 63,122,38
ivn-rat LDLo:15 mg/kg JPETAB 63,122,38
ims-rat LDLo:16 mg/kg JPETAB 63,122,38
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CH7240000 ARSINE OXIDE, BUTYLHYDROXYISOPROPYL-
UPDT:7901 CAS: 73781-60-9 MW: 208.16 MOLFM: C7-H17-As-O2

BEST COPY AVAILABLE

SYN: BUTYLHYDROXYISOPROPYLARSINE OXIDE * BUTYLISOPROPYLIARSINIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg — CSLNX* NX#05105

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH7242000 ARSINE OXIDE, (o-CHLOROPHENYL)(3-(2,4-DICHLOROPHENOXY)-2-HYDROXYPROPYL)HYDROXY-
UPDT:7903 CAS: 73791-41-0 MW: 439.56 MOLFM: C15-H14-As-Cl3-O4
SYN: (o-CHLOROPHENYL)(3-(2,4-DICHLOROPHENOXY)-2-HYDROXYPROPYL)HYDROXYARSINE OXIDE * 3-(2,4-DICHLOROPHENOXY)-2-HYDROXYPROPYL-o-CHLOROPHENYL ARSINIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg — CSLNX* NX#06928

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH7244000 ARSINE OXIDE, (m-CHLOROPHENYL)HYDROXY(beta-HYDROXYPHENETHYL)-
UPDT:7903 CAS: 21905-40-8 MW: 340.65 MOLFM: C14-H14-As-Cl-O3
SYN: (m-CHLOROPHENYL)HYDROXY(beta-HYDROXYPHENETHYL)ARSINE OXIDE * 2-PHENYL 2-HYDROXYETHYL m-CHLOROPHENYL ARSINIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg — CSLNX* NX#06919

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH7245000 ARSINE OXIDE, (p-CHLOROPHENYL)HYDROXYMETHYL-
UPDT:7901 CAS: 73791-42-1 MW: 234.52 MOLFM: C7-H8-As-Cl-O2
SYN: (p-CHLOROPHENYL)HYDROXYMETHYLARSINE OXIDE * (4-CHLOROPHENYL)METHYLARSINIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg — CSLNX* NX#01207

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH7260000 ARSINE OXIDE, 2-CHLOROVINYL-
UPDT:7901 CAS: 3088-37-7 MW: 154.43 MOLFM: C2-H4-As-Cl-O
SYN: ARSINE, 2-CHLOROVINYL- OXIDE * ETHYLENE, 1-ARSENOSO-2-CHLORO- * TL 88

TOXICITY DATA AND REFERENCES:
scu-mus LDLo:5 mg/kg — NDRC** No.9-4-1-9,43

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH7280000 ARSINE OXIDE, DIBUTYLHYDROXY-
UPDT:8012 CAS: 2830-61-5 MW: 222.10 MOLFM: C8-H19-As-O2
SYN: ARSINIC ACID, DIBUTYL- (9CI) * DIBUTYLARSINIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg — CSLNX* NX#01190

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH7300000 ARSINE OXIDE, DICHLORO(2-CHLOROVINYL)-
UPDT:7901 CAS: 332-25-5
SYN: DICHLORO(2-CHLOROVINYL)ARSINE OXIDE * LEWISITE I OXIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5 mg/kg — JPBAA7 58,411,46
orl-rbt LD50:3 mg/kg — JPBAA7 58,411,46
ivn-rbt LD50:1 mg/kg — JPBAA7 58,411,46
orl-gpg LD50:2 mg/kg — JPBAA7 58,411,46
scu-gpg LD50:200 ug/kg — JPBAA7 58,411,46

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH7325000 ARSINE OXIDE, DIETHYLHYDROXY-
UPDT:7901 CAS: 4964-27-6 MW: 166.07 MOLFM: C4-H11-As-O2
SYN: DIETHYL ARSINIC ACID * DIETHYLHYDROXY ARSINE OXIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg — CSLNX* NX#03818

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH7525000 ARSINE OXIDE, DIMETHYLHYDROXY-
UPDT:8408 CAS: 75-60-5 MW: 138.01 MOLFM: C2-H7-As-O2
SYN: ACIDE CACODYLIQUE (French) * ACIDE DIMETHYLARSINIQUE (French) * AGENT BLUE * ANSAR * ANSAR 138 * ARSAN * ARSINIC ACID, DIMETHYL- (9CI) * BOLLS-EYE * CACODYLIC ACID * CACODYLIC ACID (DOT) * CHEMATE * DILIC * DIMETHYLARSENIC ACID * DIMETHYLARSINIC ACID * DMAA * ERASE * HYDROXYDIMETHYLARSINE OXIDE * PHYTAR * PHYTAR 138 * PHYTAR 560 * RAD-E-CATE 25 * RCRA WASTE NUMBER U136 * SALVO * SILVISAR 510 * UN 1572 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rat 2600 mg/m3/2H — TXAPA9 37,165,76
eye-rat 2600 mg/m3/2H — TXAPA9 37,165,76
skn-mus 2600 mg/m3/2H — TXAPA9 37,165,76
eye-mus 2600 mg/m3/2H — TXAPA9 37,165,76

MUTATION DATA AND REFERENCES:
mmo-smc 2 pph — NTIS** PB84-138973
mma-smc 2 pph — NTIS** PB84-138973
mrc-smc 5 pph — NTIS** PB268-647
mnt-mus-ipr 7900 mg/kg/24H — NTIS** PB84-138973
msc-mus-lym 1080 mg/L — NTIS** PB84-138973

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 orl-rat TDLo:400 mg/kg (7-16D preg) — DCTODJ 4,49,81
1T43 orl-rat TDLo:300 mg/kg (7-16D preg) — DCTODJ 4,49,81
1T35 orl-rat TDLo:500 mg/kg (7-16D preg) — DCTODJ 4,49,81
2T34T43T46 orl-mus TDLo:4 gm/kg (7-16D preg) — DCTODJ 4,49,81
1T35 orl-mus TDLo:6 gm/kg (7-16D preg) — DCTODJ 4,49,81
1T81 orl-mus TDLo:3 gm/kg (8-12D preg) — JTEHD6 10,541,82

TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 scu-mus TDLo:464 mg/kg — NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:700 mg/kg — FMCHA2 -,C40,83
ipr-mus LDLo:500 mg/kg — NTIS** AD295-864
unk-mus LD50:185 mg/kg — 30ZDA9 -,393,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX As,-77
★ CARCINOGENIC REVIEW,ANIMAL INDEFINITE — IARC** 23,39,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172,102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH7700000 ARSINE OXIDE, DIMETHYLHYDROXY-, SODIUM SALT
UPDT:8405 CAS: 124-65-2 MW: 159.99 MOLFM: C2-H6-As-O2-Na
SYN: ALKARSODYL * ANSAR 100 * ANSAR 360 * ARSECODILE * ARSICODILE * ARSINIC ACID, DIMETHYL-, SODIUM SALT (9CI) * ARSYCODILE * BOLLS-EYE * CACODYLATE DE SODIUM (French) * CACODYLIC ACID SODIUM SALT * CHEMAID * ((DIMETHYLARSINO)OXY)SODIUM,AS-OXIDE * DUTCH TREAT * HYDROXYDIMETHYLARSINE OXIDE SODIUM SALT * PHYTAR 560 * RAD-E-CATE * RAD-E-CATE 16 * RAD-E-CATE 25 * RAD-E-CATE 35 * SILVISAR * SODIUM CACODYLATE * SODIUM CACODYLATE (DOT) * SODIUM DIMETHYLARSINATE * SODIUM DIMETHYLARSONATE * SODIUM SALT of CACODYLIC ACID * UN 1688 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T43T46 ipr-ham TDLo:900 mg/kg (9D preg) — BECTA6 29,679,82
2T25T35 ipr-ham TDLo:900 mg/kg (9D preg) — BECTA6 29,679,82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2600 mg/kg — GUCHAZ 6,70,73
orl-mus LD50:4 mg/kg — CLDND*
scu-mus LD50:1250 mg/kg — MEIEDD 10,1232,83
scu-rbt LDLo:500 mg/kg — 27ZWAY E.3,178,-

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172,102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH7875000 ARSINE OXIDE, DIPHENYLHYDROXY-, NITRATE
UPDT:8208 CAS: 64048-95-9 MW: 308.16 MOLFM: C12-H11-As-O-N-O3
SYN: DIPHENYLARSINIC A.ID NITRATE

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg — JPETAB 93,287,48

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH7890000 ARSINE OXIDE, HYDROXYDIMETHYL-, SODIUM SALT, TRIHYDRATE
UPDT:8208 MW: 214.03 MOLFM: C2-H6-As-O2-Na-3H2-O
SYN: DIMETHYLARSENIC ACID SODIUM SALT TRIHYDRATE * DIMETHYLARSINIC ACID SODIUM SALT TRIHYDRATE * HYDROXYDIMETHYLARSINE OXIDE SODIUM SALT TRIHYDRATE * SODIUM DIMETHYLARSINIC ACID TRIHYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ivn-ham TDLo:20 mg/kg (8D preg) — EXMPA6 34,145,81

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CH7900000 ARSINE OXIDE, HYDROXY(2-HYDROXYPROPYL)PHENYL-
UPDT:7903 CAS: 21905-32-8 MW: 244.14 MOLFM: C9-H13-As-O3
SYN: HYDROXY(2-HYDROXYPROPYL)PHENYLARSINE OXIDE * 2-HYDROXYPROPYL PHENYL ARSINIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg — CSLNX* NX#06914

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH7910000 ARSINE OXIDE, HYDROXYISOBUTYLISOPROPYL-
UPDT:7903 CAS: 73791-43-2 MW: 208.16 MOLFM: C7-H17-As-O2
SYN: HYDROXYISOBUTYLISOPROPYLARSINE OXIDE * ISOPROPYL ISOBUTYL ARSINIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg — CSLNX* NX#06282

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH7925000 ARSINE OXIDE, HYDROXYMETHYLPHENETHYL-
UPDT:7901 CAS: 73791-44-3 MW: 228.14 MOLFM: C9-H13-As-O2
SYN: METHYL(2-PHENYLETHYL)ARSINIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg — CSLNX* NX#01208

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH7940000 ARSINE OXIDE, HYDROXYMETHYLPHENYL-
UPDT:8102 CAS: 13911-65-4 MW: 200.08 MOLFM: C7-H9-As-O2
SYN: ARSENIC ACID, METHYLPHENYL- (9CI) * HYDROXYMETHYLPHENYLARSINE OXIDE * METHYLPHENYLARSINIC ACID * METHYLPHENYLARSONIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg — CSLNX* NX#05108

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH7950000 ARSINE OXIDE, HYDROXYMETHYLPROPYL-
UPDT:7901 CAS: 73791-45-4 MW: 166.07 MOLFM: C4-H11-As-O2
SYN: METHYLPROPYLARSINIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg — CSLNX* NX#01191

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

ARSINE OXIDE, (HYDROXY-1,4-PHENYLENE)- see: CF68B0000
ARSINE, OXO(4-CARBOXY)PHENYL- see: DG3400000

CH8100000 ARSINE, OXOPHENYL-
UPDT:8208 CAS: 637-03-6 MW: 168.03 MOLFM: C6-H5-As-O
SYN: ARSENOSOBENZENE * ARZENE * BENZENE, ARSENOSO- * PHENYLARSENOXIDE * PHENYL ARSINE OXIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:1570 ug/kg — CPBTAL 2,19,54
ivn-rbt LD50:800 ug/kg — JPETAB 80,93,44

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CH8150000 ARSINE, OXYBIS(DIMETHYL-
UPDT:8011 CAS: 503-80-0 MW: 228.02 MOLFM: C4-H14-As2-O
SYN: ARSINOUS ACID, DIMETHYL-, ANHYDRIDE (9CI) * CACODYL OXIDE * DIMETHYLARSINE OXIDE * TL 297

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1300 mg/m3/10M — NDRC** NDCrc-132,Aug,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH8225000 ARSINE, PENTYLDIBROMO-
UPDT:7901 CAS: 64047-02-5 MW: 305.90 MOLFM: C5-H11-As-Br2
SYN: ARSINE, AMYLDIBROMO- * ARSONOUS DIBROMIDE PENTYL * TL 368

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:270 mg/m3/10M — NDRC** NDCrc-132,Sept,42

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

ARSINE, PHENYLDIFLUORO- see: CH5970000

CH8575000 ARSINE SELENIDE, TRIMETHYL-
UPDT:7901 CAS: 41262-21-9 MW: 199.00 MOLFM: C3-H9-As-Se
SYN: TRIMETHYLARSINE SELENIDE

TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:8 mg/kg — JPETAB 25,315,25

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 — DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) — FEREAC 39,23540,74

CH8600000 ARSINE SULFIDE, DIMETHYLDI-
UPDT:7901 CAS: 13367-92-5 MW: 244.04 MOLFM: C2-H6-As2-S2
SYN: DIMETHYL ARSINIC SULFIDE * DIMETHYLDIARSINE SULFIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg — CSLNX* NX#03919

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

CH8750000 ARSINE, TRI-2-FURYL-
UPDT.7901 CAS: 64048-96-0 MW: 276.13 MOLFM: C12-H9-As-O3
SYN: TRI-alpha-FURYL ARSINE
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:600 mg/m3/10M NDRC** NDCrc-132,Feb,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
CH8925000 ARSINE, TRIOCTYL-
UPDT.7901 CAS: 64048-97-1 MW: 414.67 MOLFM: C24-H51-As
SYN: TL 113
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1580 mg/m3/10M NDRC** NDCrc-132,Sept,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
ARSINE-TRI-1-PIPERIDINIUM CHLORIDE see: TN-6430000
CH9000000 ARSINE, TRIS(DIMETHYLDITHIOCARBAMOYL)-
UPDT.8307 CAS: 3586-60-5 MW: 435.58 MOLFM: C9-H18-As-N3-S6
SYN: ARSENIC DIMETHYLDITHIOCARBAMATE * ARSENIC (TRIS(DIMETHYLDITHIOCARBAMATO))- * ASOMATE * AZOMAT * CARBAMIC ACID, DIMETHYLDITHIO-, TRIS(ANHYDROSULFIDE) with THIOARSENIOUS ACID (8CI) * CARBAMODITHIOIC ACID, DIMETHYL-, TRIS(ANHYDROSULFIDE) with ARSENOTRITHIOUS ACID (9CI) * TDDA * TRIS(DIMETHYLDITHIOCARBAMOYL)ARSINE * TTCA
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate CSHCAL 4,267,77
TOXICITY DATA AND REFERENCES:
unk-mus LD50:1300 mg/kg 30ZDA9 -,393,71
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
CH9100000 ARSINE, TRIS(3,3,5-TRIMETHYLCYCLOHEXYL)-
UPDT.7901 CAS: 64048-98-2 MW: 430.70 MOLFM: C27-H51-As
SYN: TRIS(3,3,5-TRIMETHYLCYCLOHEXYL)ARSINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:650 mg/kg SCCUR* -,9,61
ipr-rat LD50:250 mg/kg SCCUR* -,9,61
orl-mus LD50:107 mg/kg SCCUR* -,9,61
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
ARSINETTE see: CG0980000
ARSINIC ACID, DIBUTYL- (9CI) see: CH7280000
ARSINIC ACID, DIMETHYL- (9CI) see: CH7525000
ARSINIC ACID, DIMETHYL-, SODIUM SALT (9CI) see: CH7700000
ARSINOSOLVIN see: CF9625000
ARSINOUS ACID, DIMETHYL-, ANHYDRIDE (9CI) see: CH8150000
ARSINOUS CHLORIDE, DIETHYL- (9CI) see: CG9700000
ARSINOUS CHLORIDE, DIPHENYL- (9CI) see: CG9900000
ARSINOUS CYANIDE, DIMETHYL- (9CI) see: CH2100000
ARSINYL see: PA2275000
ARSION see: MJ8900000
ARSODENT see: CG3325000
ARSONATE LIQUID see: PA2625000
ARSONIC ACID, (3-(ACETYLAMINO)-4-HYDROXYPHENYL)- (9CI) see: CF8400000
ARSONIC ACID, (3-(ACETYLAMINO)-4-HYDROXYPHENYL)-, compd. with N-ETHYLETHANAMINE (1:1) (9CI) see: CF8600000
ARSONIC ACID, (4-(ACETYLAMINO)PHENYL)-, MONOSODIUM SALT (9CI) see: CF8820000
ARSONIC ACID, (4-(ACETYLAMINO)PHENYL)-, MONOSODIUM SALT, TETRAHYDRATE (9CI) see: CF8925000
ARSONIC ACID, (4-((2-AMINO-2-OXOETHYL)AMINO)PHENYL)- (9CI) see: CF9450000
ARSONIC ACID, (4-AMINOPHENYL)- (9CI) see: CF7875000
ARSONIC ACID, (4-AMINOPHENYL)-, MONOSODIUM SALT (9CI) see: CF9625000
ARSONIC ACID, (1,1'-BIPHENYL)-2-YL- see: DV0875000
CH9491500 ARSONIC ACID, (1,1'-BIPHENYL)-2-YL-, DISODIUM SALT
UPDT.7907 CAS: 63992-34-7 MW: 324.13 MOLFM: C12-H11-As-O3-2Na
SYN: 2-BIPHENYLARSONIC ACID, DISODIUM SALT
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:20 mg/kg NCNSA6 5,13,53
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
CH9492000 ARSONIC ACID, (1,1'-BIPHENYL)-2-YL-, MONOSODIUM SALT
UPDT.7907 CAS: 63992-35-8 MW: 301.14 MOLFM: C12-H11-As-O3-Na
SYN: 2-BIPHENYLARSONIC ACID, MONOSODIUM SALT
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:15 mg/kg NCNSA6 5,13,53
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
ARSONIC ACID, (2-CHLOROETHYL)- see: YZ1225000
ARSONIC ACID, (2-CHLORO-1-HEPTENYL)-, MONOAMMONIUM SALT (9CI) see: MJ8900000
CH9493100 ARSONIC ACID, CALCIUM SALT (1:1)
CAS: 52740-16-6 MW: 163.02 MOLFM: As-H2-O3-Ca
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
ARSONIC ACID, COPPER(2+) SALT (1:1) (9CI) see: CG3385000
CH9493500 ARSONIC ACID, DISODIUM SALT, HEPTAHYDRATE
UPDT.8107 MW: 296.05 MOLFM: As-H-O3-2Na-7H2-O
SYN: DISODIUM ARSONATE HEPTAHYDRATE * NATRIUMARSENAT
MUTATION DATA AND REFERENCES:
cyt-hmn:lym 1 umol/L AKEDAX 231,366,68
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 14, 1976
ARSONIC ACID, (4-HYDROXY-3-NITROPHENYL)- see: CY5250000
CH9495000 ARSONIC ACID, (4-HYDROXYPHENYL)-, polymer with FORMALDEHYDE
UPDT.8403 CAS: 54531-57-1 MOLFM: (C6-H7-As-O4 C-H2-O)x
SYN: BENZODOL * (4-HYDROXYPHENYL)ARSONIC ACID polymer with FORMALDEHYDE * POLYBENZARSOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:235 mg/kg MEIEDD 10,1091,83
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
ARSONIC ACID, METHYL-, DISODIUM SALT see: PA2275000
ARSONIC ACID, METHYL-, IRON SALT (9CI) see: PA2300000
ARSONIC ACID, METHYL-, MONOSODIUM SALT see: PA2625000
ARSONIC ACID, (2-METHYLPHENYL)- see: XS6300000
ARSONIC ACID, (3-METHYLPHENYL)- see: XS6125000
ARSONIC ACID, (4-METHYLPHENYL)- see: XS6475000
ARSONIC ACID, 4-NITROPHENYL see: CY6125000
ARSONIC ACID, (4-(4-10H-PHENOSELENAZIN-3-YLAMINO)PHENYL)- (9CI) see: CF9800000
ARSONIC ACID, (PHENYLMETHYL)- (9CI) see: XS5950000
ARSONIC ACID, POTASSIUM SALT see: CG3800000
ARSONIC ACID, SODIUM SALT (9CI) see: CG3850000
ARSONINE see: CF8400000
CH9625000 ARSONIUM, 3-AMINOPHENYL-, TRIMETHYL-, CHLORIDE
UPDT.7901 CAS: 7145-92-8 MW: 247.62 MOLFM: C9-H15-As-N-Cl
SYN: TRIMETHYL-3-AMINOPHENYLARSONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:40 mg/kg JACSAT 63,1493,41
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
CH9800000 ARSONIUM, DIETHYL(m-HYDROXYPHENYL)METHYL-, IODIDE
UPDT.8011 CAS: 64048-99-3
SYN: DIETHYL(m-HYDROXYPHENYL)ARSINE METHIODIDE * TL 1503
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:20 mg/kg NDRC** 30101,9,45
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
ARSONIUM, (3-(DIMETHYLCARBAMOYLOXY)PHENYL)TRIMETHYL-, IODIDE see: CH9910000
CH9900000 ARSONIUM, (3-HYDROXYPHENYL)DIETHYLMETHYL-, IODIDE, METHYLCARBAMATE
UPDT.7901 CAS: 64049-00-9 MW: 425.17 MOLFM: C13-H21-As-N-O2-I
SYN: ARSONIUM, (3-(N-METHYLCARBAMOYLOXY)PHENYL)TRIMETHYL-, IODIDE * CARBAMIC ACID, N-METHYL-, 3-DIETHYLARSINOPHENYL ESTER, METHIODIDE * TL-1504
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:500 ug/kg NTIS** PB150-508
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
CH9910000 ARSONIUM, (3-HYDROXYPHENYL)TRIMETHYL-, IODIDE, DIMETHYLCARBAMATE
UPDT.7901 CAS: 64048-87-9 MW: 411.14 MOLFM: C12-H19-As-N-O2-I
SYN: ARSONIUM, (3-(DIMETHYLCARBAMOYLOXY)PHENYL)TRIMETHYL-, IODIDE * CARBAMIC ACID, N,N-DIMETHYL-, 3-DIMETHYLARSINOPHENYL ESTER, METHIODIDE * TL-1479
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:1 mg/kg NTIS** PB158-508
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
CH9920000 ARSONIUM, (2-HYDROXYPHENYL)TRIMETHYL-, IODIDE, METHYLCARBAMATE
UPDT.7901 CAS: 64049-01-0 MW: 397.11 MOLFM: C11-H17-As-N-O2-I
SYN: ARSONIUM, (2-(N-METHYLCARBAMOYLOXY)PHENYL)TRIMETHYL-, IODIDE * CARBAMIC ACID, N-METHYL-, 2-DIMETHYLARSINOPHENYL ESTER, METHIODIDE * TL-1452
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:80 mg/kg NTIS** PB158-508
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
CI0175000 ARSONIUM, IODOMETHYLTRIMETHYL-, IODIDE
UPDT.7901 CAS: 64049-02-1
SYN: IODOMETHYLTRIMETHYLARSONIUM IODIDE
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:220 mg/kg JPETAB 25,315,25
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
ARSONIUM, (2-(N-METHYLCARBAMOYLOXY)PHENYL)TRIMETHYL-, IODIDE see: CH9920000
ARSONIUM, (3-(N-METHYLCARBAMOYLOXY)PHENYL)TRIMETHYL-, IODIDE see: CH9900000
CI0350000 ARSONIUM, TETRA(4-AMINOPHENYL)-, CHLORIDE
UPDT.7901 CAS: 64049-03-2 MW: 478.89 MOLFM: C24-H24-As-N4-Cl
SYN: TETRA-(4-AMINOPHENYL)ARSONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:30 mg/kg JACSAT 63,1496,41
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
CI0525000 ARSONIUM, TETRAMETHYL-, IODIDE
UPDT.7901 CAS: 5814-20-0 MW: 261.98 MOLFM: C4-H12-As-I
SYN: TETRAMETHYLARSONIUM IODIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:125 mg/kg CBCCT* 4,316,52
scu-mus LDLo:150 mg/kg JPETAB 25,315,25
ivn-mus LDLo:50 mg/kg JPETAB 25,315,25
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
CI0600000 ARSONIUM, TETRAPHENYL-, CHLORIDE
UPDT.7901 CAS: 507-28-8 MW: 418.81 MOLFM: C24-H20-As-Cl
SYN: TETRAPHENYLARSENIUM CHLORIDE * TETRAPHENYLARSONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg CSLNX* NX#00643
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
ARSONODITHIOUS ACID, METHYL-, DIDODECYL ESTER (9CI) see: CG8490000
((p-ARSONOPHENYL)CARBAMOYL)DITHIOCARBAMIC ACID see: MB7750000
N-((p-ARSONOPHENYL)CARBAMOYL)DITHIOGLYCINE see: MB7750000
4-ARSONOPHENYLGLYCINAMIDE see: CF9450000
p-ARSONOPHENYLUREA see: CF9275000
(3-(p-ARSONOPHENYL)UREIDO)DITHIOBENZOIC ACID see: DG3420000
ARSONOUS DIBROMIDE, PENTYL- see: CH8225000
ARSONOUS DIBROMIDE, PHENYL- (9CI) see: CH2700000
ARSONOUS DICHLORIDE, (2-CHLOROETHENYL)- (9CI) see: CH2975000
ARSONOUS DICHLORIDE, ETHYL- (9CI) see: CH3500000
ARSONOUS DICHLORIDE, METHYL- (9CI) see: CH4375000
ARSONOUS DICHLORIDE, (1-METHYLPROPYL)- (9CI) see: CG9100000
ARSONOUS DICHLORIDE, PHENYL- (9CI) see: CH5425000
ARSONOUS DIIODIDE, METHYL- (9CI) see: CH6050000
ARSONOUS DITHIOCYANATE METHYL-, HOMOPOLYMER (9CI) see: CH6875000
ARSPHENAMINE see: SJ7175000
ARSPHENAMINE METHYLENESULFOXYLIC ACID SODIUM SALT see: WS3680000
ARSPHENOXIDE see: SJ5600000
ARSYCODILE see: CH7700000
ARSYNAL see: PA2275000
CI1450000 ARTABOTRYS HEXAPETALUS (L.f.) Bhandari, fruit extract
DEF:Indian plant belonging to the family ANNONACEAE (IJEBA6 18,594,80)
UPDT.8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:464 mg/kg IJEBA6 18,594,80
CI1500000 ARTABOTRYS ODORATISSIMUS R. Br., extract excluding roots
DEF:Indian plant belonging to the family ANONACEAE (IJEBA6 12,512,74)
UPDT.8302
SYN: KATILICHAMPA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74
CI1510000 ARTABOTRYS SUAVEOLENS, flower and leaf extract
UPDT.8307

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
1K12 ipr-mus LD50:63 mg/kg CPBTAL 13,882,65
ART 2 see: FF5250100
ARTANE see: TN2625000
ARTANE HYDROCHLORIDE see: TN2625000
ARTANE TRIHEXYPHENIDYL see: TN2625000
ARTEANNUIN see: KD4170000
ARTEMETHER see: KD4165000

CI1722000 ARTEMISIA ABSINTHIUM Linn., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1M10 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

CI1724500 ARTEMISIA MOORCROFTIANA Wall., extract excluding roots
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1P02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

CI1725000 ARTEMISIA OIL
UPDT:8305 CAS: 8022-37-5
SYN: ARTEMISIA OIL (WORMWOOD) * OILS, ARTEMISIA
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:960 mg/kg FCTXAV 13,721,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ARTEMISIA OIL (WORMWOOD) see: CI1725000

CI1735000 ARTEMISIA PARVIFLORA Roxb., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

CI1736000 ARTEMISIA ROXBURGHIANA Besser., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

CI1737000 ARTEMISIA SCOPARIA Waldst & Kit, extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

CI1738000 ARTEMISIA SIVERSIANA Ehrh. ex. Willd., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78
ARTEMISINE see: KD4170000
ARTEMISININ see: KD4170000
ARTEMISININELACTOL METHYL ETHER see: KD4165000
ARTERENOL see: DN5950000
l-ARTERENOL see: DN5950000
l-ARTERENOL BITARTRATE see: DN6750000
dl-ARTERENOL HYDROCHLORIDE see: DN6650000
ARTERIOFLEXIN see: UE9480000
ARTERIOVINCA see: YY8575000
ARTEROCOLINE see: FZ9800000
ARTEROCOLINE see: FZ9700000
ARTEROCYN see: XL1925000
ARTEROSOL see: UE9480000
ARTES see: UE9480000
ARTEVIL see: UE9480000
D-ARTHIN see: KE1050000
ARTHODIBROM see: TB9450000
ARTHO LM see: OW7000000
ARTHROCHIN see: VB2360000

CI3060000 ARTHROMERIS WALLICHIANA (Spr.) Ching, extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
ARTHROPAN see: GA6475000
ARTIC see: PA6300000
ARTIFICIAL ALMOND OIL see: CU4375000
ARTIFICIAL ANT OIL see: LT7000000
ARTIFICIAL BARITE see: CR0600000
ARTIFICIAL CINNAMON OIL see: FI4050000
ARTIFICIAL ESSENTIAL OIL of ALMOND see: CU4375000
ARTIFICIAL HEAVY SPAR see: CR0600000
ARTIFICIAL OIL OF ANTS see: LT7000000
ARTIFICIAL SWEETENING SUBSTANZ GENDORF 450 see: DE4550000
ARTISIL BLUE SAP see: CB0540000
ARTISIL BLUE SAP CONC see: CB0540000
ARTISIL DIRECT YELLOW G see: AC3662000
ARTISIL ORANGE 3RP see: CB5740000
ARTISIL YELLOW G see: AC3662000
ARTISIL YELLOW 2GN see: AC3662000

CI4076000 ARTOBOTRYS ODORATISSIMUS Linn., leaf extract
DEF:Belongs to the family ANNONACEAE (IJEBA6 16,1214,78)
UPDT:8408
SYN: HARACHAMPA, leaf extract * KATCHAMPA, leaf extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:525 mg/kg (7D pre) IJEBA6 16,1214,78
1T14 orl-rat TDLo:450 mg/kg (6D pre) IJEBA6 15,1038,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CI4080000 ARTOCARPUS COMMUNIS Forst., extract excluding roots
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: ARTOCARPUS INCISA Linn. f., extract excluding roots * PHANAS EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:80 mg/kg IJEBA6 12,512,74
ARTOCARPUS INCISA Linn. f., extract excluding roots see: CI4080000
ARTO-ESPASMOL see: OO8200000
ARTOLON see: TZ0175000
ARTOMYCIN see: QI9100000
ARTONIL see: NJ1925000
ARTOSIN see: YS4550000
ARTOZIN see: YS4550000
ARTRACIN see: NL3500000
ARTRICHIN see: VB2360000
ARTRIL 300 see: MU6640000
ARTRINOVO see: NL3500000
ARTRIONA see: GM9140000
ARTRIVIA see: NL3500000
ARTRIZIN see: UQ8225000
ARTRIZONE see: UQ8225000
ARTROBIONE see: GA6475000
ARTROFLOG see: UQ8400000
ARTROPAN see: UQ8225000

CI4590000 ARUNDO DONAX Linn., extract
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: NAKUL extract
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 15,208,77
ARUSAL see: FB3325000
ARVYNOL see: SB4725000
ARWOOD COPPER see: GL5325000
ARYLAM see: FC5950000

CI4802000 ARYLOX 2102, gas
UPDT:8303 CAS: 69071-22-3
TOXICITY DATA AND REFERENCES:
* ihl-rat LCLo:130 gm/kg/4H GISAAA 43(8),99,78

CI4802020 ARYLOX 2104, gas
UPDT:8303 CAS: 69071-23-4
TOXICITY DATA AND REFERENCES:
* ihl-rat LCLo:125 gm/kg/4H GISAAA 43(8),99,78

CI4802040 ARYLOX 2106, gas
UPDT:8303 CAS: 69071-24-5
TOXICITY DATA AND REFERENCES:
* ihl-rat LCLo:105 gm/kg/4H GISAAA 43(8),99,78
ARZENE see: CH8100000
AS see: AZ0890000
AS see: QW0970000
AS (SURFACTANT) see: AZ0890000
AS-15 see: WK4990000
A 155 see: AK0950000
AS-101 see: CF7875000
AS-17665 see: LQ9275000
AS17665 see: AC6650000
AS 18908 see: WP0175000
ASA see: VO0700000
A.S.A. see: VO0700000
ASA-140 see: XI3600000
ASA 213 see: ED1370000
ASA 215 see: RB7466500
ASA 158-5 see: TN1304400
ASA 214/1 see: RB7174000
ASA 214/3 see: RB7466000
ASA 214/6 see: RB6945170
ASA 185/13 see: RB7466510
ASABAINE see: BP7632500
ASA COMPOUND see: AM4375000
A.S.A. EMPIRIN see: VO0700000

CI5625000 ASAFOETIDA
DEF:Contains 6-17% volatile oil, 25% gum, 40-64% resin, and traces of UMBELLIFERONE(7-HYDROXYCOUMARIN) (CYTOAN 38,719,73)
UPDT:8405
SYN: ASANT * ASEFETIDA * DEVIL'S DUNG * FOOD OF THE GODS
MUTATION DATA AND REFERENCES:
cyt-mus-orl 3200 mg/kg/32D-C CYTOAN 38,719,73
spm-mus-orl 3200 mg/kg/32D-C CYTOAN 38,719,73
ASAGRAEA OFFICINALIS see: YX5950000
ASAGRAN see: VO0700000
ASAHISOL 1527 see: AK0920000
ASAMEDOL see: UH0350000
ASAMID see: WN2800000
ASANT see: CI5625000
ASARALDEHYDE see: CU8460000
ASARNA EXTRACT (Indian) see: EX8735000
ASARONALDEHYDE see: CU8460000
ASARON see: DC2975000
ASARONE see: DC2975000
alpha-ASARONE see: DC2975000
ASARONE, trans- see: DC2975000
ASARUM CAMPHOR see: DC2975000
ASATARD see: VO0700000
ASAU EXTRACT (Indien) see: GF1802000
ASAZOL see: PA2625000
ASB 516 see: AK0920000
ASBEST (German) see: CI6475000
ASBESTINE see: WW2710000

CI6475000 ASBESTOS
UPDT:8412 CAS: 1332-21-4
SYN: ACTINOLITE * AMIANTHUS * AMOSITE (OBS.) * AMPHIBOLE * ANTHOPHYLLITE * ASBEST (German) * ASBESTOS (DOT) * ASBESTOS FIBER * ASBESTOS FIBRE * ASCARITE * BLUE ASBESTOS * CHRYSOTILE * CHRYSOTILE A * CROCIDOLITE * FIBROUS GRUNERITE * NCI C08991 * SERPENTINE * TREMOLITE * UN 2212 (DOT) * UN 2590 (DOT)
TUMORIGENIC DATA AND REFERENCES:
2V03K60 ipr-rat TDLo:50 mg/kg STRHAV 39,386,79
2V03V10 ipl-rat TDLo:100 mg/kg BJCAAI 41,918,80
2V03V10 imp-rat TDLo:750 mg/kg ZEKBAI 62,561,58
2V03V10 ipr-mus TDLo:80 mg/kg PAACA3 24,61,83
1V03 ipr-rbt TDLo:25 mg/kg IAPUDO 30,337,80
1V03 ipr-ham TDLo:200 mg/kg IAPUDO 30,337,80
2V02J60 ipl-rat TD :100 mg/kg BJCAAI 45,352,82
2V03K60 ipr-rat TD :200 mg/kg STRHAV 39,386,79
TOXICITY DATA AND REFERENCES:
3J17J22J23 ihl-hmn TCLo:1.2 fb/cc/19Y-C ARDSBL 104,576,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 64,1435,75; PEDIAU 57(4),462,76; JOCMA7 15(10),808,73; CANCAR 39,1792,77; 85CVA2 5,55,70; 31BYAP -,92,74; ZHPMAT 166,113,78; NOSYBW 40,311,77; PEXTAR 12,102,69; NTIS** CONF-691001; CNDIBJ 85,559,76
★ CARCINOGENIC DETERMINATION:ANIMAL POSITIVE IARC** 2,17,73
★ CARCINOGENIC DETERMINATION:ANIMAL POSITIVE IARC** 2,17,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 2,17,73
★ CARCINOGENIC REVIEW:HUMAN POSITIVE IARC** 14,11,77
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 14,11,77
★ TLV-TWA 0.2 fb/cc DTLVS* 4,27,80
★ TLV-HUMAN CARCINOGEN DTLVS* 4,27,80

BEST COPY AVAILABLE

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 fb/cc;CL 10 fb/cc — FEREAC 40,23073,75
★ DOT-HAZARD:ORM-C; LABEL:NONE — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ASBESTOS recm std-air:TWA 100000 fb/m3;CL 500000 fb/m3/15M — NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7400
★ NIOSH CURRENT INTELLIGENCE BULLETIN 5, 1975
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CI6476000 ASBESTOS, ACTINOLITE

UPDT:8307 CAS: 13768-00-8 MW: 172.25 MOLFM: Ca2-O4-Si

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 14,11,77

CI6477000 ASBESTOS, AMOSITE

UPDT:84:2 CAS: 12172-73-5
SYN: AMOSITE ASBESTOS * ASBESTOS AMOSITE * MYSORITE * NCI C60253A

MUTATION DATA AND REFERENCES:

	cyt-ham:ovr 10 mg/L	CSHCAL 4,941,77
	sce-ham:ovr 10 mg/L	JEPTDQ 4(2-3),373,80
	msc-ham:lng 10 mg/L	MUREAV 68,265,79

TUMORIGENIC DATA AND REFERENCES:

2V01J60	ihl-rat TCLo:11 mg/m3/2Y-I	BJCAAI 29,252,74
2V01J60	ipl-rat TDLo:80 mg/kg	TOLEDS 13,143,82
2V03J60	itr-rat TDLo:12 mg/kg/12W-I	TOLEDS 13,143,82
2V02V10	imp-rat TDLo:200 mg/kg	JJINDB 67,965,81
3V01J60V10	scu-mus TDLo:2400 mg/kg/13W-I	FCTXAV 6,566,68
2V03V16	mul-ham TDLo:290 gm/kg/35W-C	ANYAA9 132,456,65
2V02J60	ipl-rat TD :200 mg/kg	BJCAAI 28,173,73
2V02J60	ihl-rat TC :12 mg/m3/13W-I	RRCRBU 39,37,72
2V02J61	ipl-rat TD :200 mg/kg	JNCIAM 48,797,72
2V01J60	ipl-rat TD :100 mg/kg	BJCAAI 23,567,69
2V03J60	ihl-rat TC :10 mg/m3/52W-C	IAPUDO 30,285,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 31BYAP -,93,74
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 2,17,73
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 14,11,77
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 14,11,77
★ TLV-TWA 0.5 fb/cc — DTLVS* 4,27,80
★ TLV-HUMAN CARCINOGEN — DTLVS* 4,27,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 fb/cc; CL 10 fb/cc — FEREAC 40,23073,75
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ASBESTOS recm std-air:TWA 2 fb/ml — NTIS**

STATUS:
★ NTP CARCINOGENESIS STUDIES COMPLETED;RESULTS NEGATIVE:HAMSTER (NTPTR* NTP-TR-249,83)
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7400
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CI6478000 ASBESTOS, ANTHOPHYLITE

UPDT:8407 CAS: 17068-78-9
SYN: ANTHOPHYLLITE * AZBOLEN ASBESTOS * 16 F * FERROANTHOPHYLLITE

MUTATION DATA AND REFERENCES:

	cyt-ham:ovr 10 mg/L	CSHCAL 4,941,77

TUMORIGENIC DATA AND REFERENCES:

2V01J60	ihl-rat TCLo:11 mg/m3/1Y-I	BJCAAI 29,252,74
2V02J60	ipl-rat TDLo:200 mg/kg	BJCAAI 28,173,73
2V02V10	ipl-ham TDLo:83 mg/kg	31BYAP -,97,74
2V03V10	ipl-rat TD :2400 mg/kg/34W-I	IAPUDO 30,343,80

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 14,11,77
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 14,11,77

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7400
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CI6478500 ASBESTOS, CHRYSOTILE

UPDT:8412 CAS: 12001-29-5 MW: 283.21 MOLFM: H10-O9-Si2-3Mg
SYN: 7-65 ASBESTOS * AVIBEST C * CALIDRIA RG 100 * CALIDRIA RG 144 * CALIDRIA RG 600 * CASSIAR AK * CHRYSOTILE ASBESTOS * HOOKER NO. 1 CHRYSOTILE ASBESTOS * K6-30 * NCI C61223A * PLASTIBEST 20 * 5804 * RG 600 * SERPENTINE * SERPENTINE CHRYSOTILE * SYLODEX * WHITE ASBESTOS

MUTATION DATA AND REFERENCES:

	oms-hmn:fbr 10 mg/L	MUREAV 116,369,83
	otr-mus:oth 10 mg/L	CSHCAL 4,941,77
	otr-ham:emb 250 ng/cm2	PAACA3 24,96,83
	dns-ham:oth 130 ng/cm2	CNREAB 42,3669,82
	oms-ham:ovr 10 mg/L	MUREAV 116,369,83
	cyt-ham:emb 100 ug/L	ENVRAL 10,165,75
	cyt-ham:ovr 10 mg/L	CSHCAL 4,941,77
	cyt-ham:ovr 10 mg/L	CSHCAL 4,941,77
	sce-ham:ovr 100 ug/L	ENVRAL 24,325,81
	msc-ham:lng 10 mg/L	MUREAV 68,265,79

TUMORIGENIC DATA AND REFERENCES:

3V01J12J60	ihl-man TCLo:400 mppcf/1Y-C	AEHLAU 28,61,74
3V01L60M61	orl-rat TDLo:7100 mg/kg/39W-C	ARGEAR 46,437,76
2V01J60	ihl-rat TCLo:11 mg/m3/26W-I	BJCAAI 29,252,74
2V01V10	ipr-rat TDLo:9 mg/kg	ZHPMAT 162,467,76
2V01J60	ipl-rat TDLo:100 mg/kg	BJCAAI 23,567,69
2V03J61	itr-rat TDLo:13 mg/kg	ENVRAL 21,63,80
2V03V10	imp-rat TDLo:200 mg/kg	IARCCD 8,289,73
2V03V10	ipr-mus TDLo:80 mg/kg	PAACA3 24,61,83
3V02J60V10	scu-mus TDLo:2400 mg/kg/13W-I	FCTXAV 6,566,68
2V01J60	itr-mus TDLo:200 mg/kg	PAACA3 15,6,74
2V03V16	mul-ham TDLo:240 gm/kg/35W-C	ANYAA9 132,456,65
2V02V10	ipl-rat TD :90 mg/kg	JSOMBS 29,20,79
2V03V10	ipr-rat TD :90 mg/kg	ENVRAL 4,496,71
2V02J60	ihl-rat TC :12 mg/m3/13W-I	RRCRBU 39,37,72
2V02K60	ipr-rat TD :28 mg/kg	NATWAY 59,318,72
2V02J61	ipl-rat TD :200 mg/kg	JNCIAM 48,797,72
2V03J60	ihl-rat TC :10 mg/m3/52W-C	IAPUDO 30,285,80
2V01J60	ihl-rat TC :11 mg/m3/8H/26W-I	IAPUDO 30,363,80
2V03J60	itr-ham TD :48 mg/kg/6W-I	IAPUDO 30,305,80
2V03K60	ipr-mus TD :400 mg/kg	ENVRAL 27,433,82
2V02V10	ipl-rat TD :120 mg/kg/2W-I	CALEDQ 17,313,83

TOXICITY DATA AND REFERENCES:

3J12J21J22	ihl-hmn TCLo:2.8 fb/cc/5Y	ENVRAL 23,292,80
	ipr-rat LDLo:300 mg/kg	AJPAA4 70,291,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 31BYAP -,93,74
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 2,17,73
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 14,11,77
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 14,11,77
★ TLV-TWA 2 fb/cc — DTLVS* 4,27,80
★ TLV-HUMAN CARCINOGEN — DTLVS* 4,27,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 fb/cc;CL 10 fb/cc — FEREAC 40,23073,75
★ HAZARD:ORM-C; LABEL:NONE — CFRGBR 49,172.102,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ASBESTOS recm std-air:TWA 2 fb/ml — NTIS**

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7400 and 9000
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CI6479000 ASBESTOS, CROCIDOLITE

UPDT:8412 CAS: 12001-28-4 MW: 1421.36 MOLFM: O-Na2-Fe2-O3-3Fe-O-8Si-O2-H2-O
SYN: BLUE ASBESTOS * BLUE ASBESTOS (DOT) * CROCIDOLITE ASBESTOS * CROCIODOLITE * KROKYDOLITH (German) * NCI C09002 * UN2212 (DOT)

MUTATION DATA AND REFERENCES:

	oms-hmn:fbr 10 mg/L	MUREAV 116,369,83
	otr-mus:oth 10 mg/L	CSHCAL 4,941,77
	dns-ham:oth 1280 ng/cm2	CNREAB 42,3669,82
	oms-ham:ovr 10 mg/L	MUREAV 116,369,83
	cyt-ham:lng 5 mg/L/24H	MUREAV 57,225,78
	cyt-ham:ovr 10 mg/L	CSHCAL 4,941,77
	cyt-ham:ovr 10 mg/L	CSHCAL 4,941,77
	sce-ham:ovr 10 mg/plate	JEPTDQ 4(2-3),373,80
	msc-ham:lng 10 mg/L	MUREAV 68,265,79

TUMORIGENIC DATA AND REFERENCES:

2V01J60	ihl-rat TCLo:11 mg/m3/1Y-I	BJCAAI 29,252,74
2V01V10	ipr-rat TDLo:100 mg/kg	PBPHAW 14,47,78
2V01K60	scu-rat TDLo:112 mg/kg	ANYAA9 271,431,76
3V01J60V10	ipl-rat TDLo:100 mg/kg	BJCAAI 23,567,69
2V02V10	imp-rat TDLo:200 mg/kg	JJINDB 67,965,81
3V01J60V10	scu-mus TDLo:2400 mg/kg/12W-I	FCTXAV 6,566,68
2V03V10	ipl-mus TDLo:200 mg/kg	31BYAP -,97,74
3V03G60J60	itr-dog TDLo:52 mg/kg/2Y-I	CANCAR 47,1994,81
2V03V10	ipl-rbt TDLo:8 mg/kg	ENVRAL 4,496,71
2V02V10	ipl-ham TDLo:83 mg/kg	31BYAP -,96,74
2V03V10	ipr-rat TD :90 mg/kg	ENVRAL 4,496,71
2V03V10	scu-rat TD :112 mg/kg	PBPHAW 14,47,78
2V02J60	ihl-rat TC :12 mg/m3/13W-I	RRCRBU 39,37,72
3V03V10Y55	scu-mus TD :1200 mg/kg/10W-I	IJCNAW 2,628,67
2V02J61	ipl-rat TD :10 mg/kg	JNCIAM 48,797,72
2V03V10	imp-rat TD :200 mg/kg	IARCCD 8,289,73
2V03J60	ipl-rat TD :100 mg/kg	IAPUDO 30,311,80
2V03V10	ipr-rat TD :250 mg/kg	ENVRAL 29,123,82
2V03V10	ipr-rat TD :100 mg/kg	ENVRAL 29,238,82
2V03V10	ipr-rat TD :125 mg/kg	ENVRAL 29,238,82

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:300 mg/kg	AJPAA4 70,291,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 31BYAP -,93,74
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 2,17,73
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 14,11,77
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 14,11,77
★ CARCINOGENIC DETERMINATION:ANIMAL POSITIVE — IARC** 2,17,73

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 fb/cc;CL 10 fb/cc — FEREAC 40,23073,75
★ HAZARD:ORM-C; LABEL:NONE — CFRGBR 49,172.102,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ASBESTOS recm std-air:TWA 2 fb/ml — NTIS**

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7400
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ASBESTOS (DOT) see: CI6475000
ASBESTOS, blue (DOT) see: CI6475000
ASBESTOS, white (DOT) see: CI6475000
ASBESTOS FIBER see: CI6475000
ASBESTOS FIBRE see: CI6475000

CI6560000 ASBESTOS, TREMOLITE

UPDT:8412 CAS: 14567-73-8 MW: 413.27 MOLFM: Ca-4H2-O3-Si-5/2Mg
SYN: NCI-C08991

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ipl-rat TDLo:100 mg/kg	BJCAAI 45,352,82
2V02V10	imp-rat TDLo:200 mg/kg	JJINDB 67,965,81

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 14,11,77
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 14,11,77

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7400
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0383-0473
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ASC 4 see: CV3459020
ASC-4 see: VN8925000
ASCABIN see: DG4200000
ASCABIOL see: DG4200000
ASCAREX SYRUP see: TL3485000

CI6980000 ASCARICIDIN

DEF: Isolated from STREPTOMYCES HACHIJOENSIS (85GDA2 4(2),295,80)
UPDT:8308
SYN: ASCARINASE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1500 ug/kg	85GDA2 4(2),295,80
*	ivn-mus LDLo:6500 ug/kg	85FZAT -,152,67

ASCARIDOL see: OT0175000
ASCARIDOLE see: OT0175000
ASCARIDOLE (DOT) see: OT0175000
ASCARINASE see: CI6980000
ASCARISIN see: OT0175000

BEST COPY AVAILABLE

ASCARITE see: CI6475000
ASCAROL 2E see: DD2100000
ASCARYL see: VH1575000

CI7400000 ASCELPIAS CURRASSAVICA Linn., extract
UPDT 8306
SYN: KAKATUNDI EXTRACT
TOXICITY DATA AND REFERENCES:
* orl-rbt LDLo:50 mg/kg JRIMAO 6,112,71

ASCENSIL see: TJ5150000
ASCENSIL HYDROCHLORIDE see: TJ5363000
ASCEPTICHROME see: LM5250000
AS 61CL see: AT6978000
ASCUPHEN see: DG0935000
ASCORBATE see: CI7650000
ASCORBATE d'-ADRENALINE (French) see: DO3000000
ASCORBICAB see: CI7650000
ASCORBIC ACID see: CI7650000

CI7650000 L-ASCORBIC ACID
UPDT 8412 CAS: 50-81-7 MW: 176.14 MOLFM: C6-H8-O6
SYN: AA * ADENEX * ALLERCORB * ANTISCORBIC VITAMIN * ANTISCORBUTIC VITAMIN * ASCORBATE * ASCORBICAB * ASCORBIC ACID * L(+)-ASCORBIC ACID * ASCORBIN * ASCORBUTINA * ASCORIN * ASCORTEAL * ASCORVIT * CANTAN * CANTAXIN * CATAVIN C * CEBICURE * CEBID * CEBION * CEBIONE * CECON * CEGIOLAN * CEGLION * CELASKON * CELIN * CEMAGYL * CE-MI-LIN * CENETONE * CENOLATE * CEREON * CERGONA * CESCORBAT * CETAMID * CETANE * CETANE-CAPS TD * CETEMICAN * CEVALIN * CEVATINE * CEVEX * CEVIMIN * CE-VI-SOL * CEVITAL * CEVITAMIC ACID * CEVITAMIN * CEVITAN * CEVITEX * CEWIN * CIAMIN * CIPCA * C-LEVEL * C-LONG * COLASCOR * CONCEMIN * C-QUIN * C-VIMIN * DAVITAMON C * DUOSCORB * HYBRIN * IDO-C * 3-KETO-L-GULOFURANOLACTONE * 3-OXO-L-GULOFURANOLACTONE (ENOL FORM) * L-3-KETOTHREOHEXURONIC ACID LACTONE * LAROSCORBINE * LEMASCORB * LIQUI-CEE * L-LYXOASCORBIC ACID * NATRASCORB * NATRASCORB INJECTABLE * NCI-C54808 * 3-OXO-L-GULOFURANOLACTONE * PLANAVIT C * PROSCORBIN * REDOXON * RIBENA * SCORBACID * SCORBU-C * SECORBATE * TESTASCORBIC * VICELAT * VICIN * VIFORCIT * VITACE * VITACEE * VITACIMIN * VITACIN * VITAMIN C * VITAMISIN * VITASCORBOL * XITIX * L-XYLOASCORBIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate ABCHA6 45,327,81
mma-sat 500 ug/plate ABCHA6 45,327,81
dnd-bcs 2 mg/disc PMRSDJ 1,175,81
mmo-omi 1000 ppm POASAD 34,114,53
mmo-nsc 2 mmol/L MAGDA3 10,249,79
dnr-smc 100 mg/L PMRSDJ 1,502,81
mrc-smc 300 mg/L PMRSDJ 1,491,81
sln-smc 100 mg/L PMRSDJ 1,468,81
spm-slw-par 25 ug EISOAU 34,367,81
dnd-hmn:fbr 200 umol/L CNREA8 42,3783,82
dnd-hmn:oth 200 umol/L CNREA8 42,3783,82
dni-hmn:hla 2500 umol/L MUREAV 92,427,82
dni-hmn:fbr 8 mmol/L CSHCAL 4,1499,77
dni-hmn:oth 200 umol/L CNREA8 42,3783,82
oms-hmn:fbr 200 umol/L CNREA8 42,3783,82
oms-hmn:oth 200 umol/L CNREA8 42,3783,82
oms-mus:lvr 500 umol/L JNSVA5 24,263,78
cyt-ham:ovr 300 mg/L FCTXAV 18,497,80
dnd-mam:lym 500 umol/L JNSVA5 24,263,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:2500 mg/kg (1-22D preg) AJANA2 110,29,62
2T41T46 ivn-mus TDLo:800 mg/kg (8D preg) TOIZAG 8,175,61
1T83 orl-gpg TDLo:19500 mg/kg (30-58D preg/10D post) ANYAA9 258,401,75
2T71T75 orl-gpg TDLo:5800 mg/kg (1-58D preg) BEXBAN 57,483,64
1T81 orl-gpg TDLo:2471 mg/kg (MGN) ANYAA9 258,465,75
TOXICITY DATA AND REFERENCES:
1P22 ivn-man TDLo:2300 mg/kg/2D AIMEAS 82,810,75
* ipr-mus LD50:643 mg/kg PMRSDJ 1,682,81
ivn-mus LD50:518 mg/kg RPOBAR 2,269,70
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE, RAT (NTPTR* NTP-TR-247,83)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L(+)-ASCORBIC ACID see: CI7650000

CI7662000 L-ASCORBIC ACID, 2-AMINO-2-DEOXY-
UPDT 8403 CAS: 32764-43-5 MW: 175.16 MOLFM: C6-H9-N-O5
SYN: 2-AMINO-2-DEOXY-L-ASCORBIC ACID * AMINO REDUCTONE * SCORBAMIC ACID * L-SCORBAMIC ACID * SCORBAMINIC ACID
MUTATION DATA AND REFERENCES:
spm-slw-par 25 ug EISOAU 34,367,81
oms-mus:lvr 500 umol/L JNSVA5 24,263,78
dnd-mam:lym 500 umol/L JNSVA5 24,263,78

CI7665000 ASCORBIC ACID mixed with COPPER SULFATE (1:1)
UPDT 8403 MW: 335.74 MOLFM: C6-H8-O6 Cu-O4-S
SYN: COPPER ASCORBATE
MUTATION DATA AND REFERENCES:
mmo-sat 15 mmol/L NATUAS 260,722,76
dnd-hmn:fbr 1800 umol/L NATUAS 260,722,76
dnd-hmn:oth 5 umol/L CRNGDP 4,583,83
dns-hmn:fbr 1 mmol/L NATUAS 260,722,76
cyt-hmn:fbr 150 umol/L NATUAS 260,722,76

CI7667000 ASCORBIC ACID, L- and GLYCINE, reaction mixture
UPDT 8303
SYN: Reaction mixture of GLYCINE and L-ASCORBIC ACID
MUTATION DATA AND REFERENCES:
dnr-bcs 10 mg/disc YKKZAJ 101,596,81

CI7671000 L-ASCORBIC ACID, MONOSODIUM SALT
UPDT 8308 CAS: 134-03-2 MW: 199.13 MOLFM: C6-H8-O6 Na
SYN: ASCORBIC ACID SODIUM SALT * L-ASCORBIC ACID SODIUM SALT * ASCORBICIN * ASCORBIN * CEBITATE * CENOLATE * ISK-A-C * MONOSODIUM ASCORBATE * NATRASCORB * NATRI-C * SODASCORBATE * SODIUM ASCORBATE * SODIUM L-ASCORBATE * VITAMIN C * VITAMIN C SODIUM
MUTATION DATA AND REFERENCES:
sce-hmn:lym 100 umol/L MUREAV 60,321,79
oms-ham:ovr 1 mmol/L CNREA8 39,4145,79
cyt-ham:ovr 20 mmol/L CNREA8 39,4145,79
sce-ham:ovr 100 umol/L MUREAV 60,321,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CI7671030 L-ASCORBIC ACID, 2,3-O-(2-OXOPROPYLIDENE)-
UPDT 8411 CAS: 74717-64-9 MW: 230.19 MOLFM: C9-H10-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:959 mg/kg EJCODS 17,759,81

CI7671050 ASCORBIC ACID, L- and DL-PHENYLALANINE, reaction mixture
UPDT 8303
SYN: Reaction mixture of DL-PHENYLALANINE and L-ASCORBIC ACID
MUTATION DATA AND REFERENCES:
dnr-bcs 10 mg/disc YKKZAJ 101,596,81

ASCORBIC ACID SODIUM SALT see: CI7671000
L-ASCORBIC ACID SODIUM SALT see: CI7671000

CI7671320 ASCORBIC ACID, L- and L-TRYPTOPHAN, reaction mixture
UPDT 8303
SYN: Reaction mixture of L-TRYPTOPHAN and L-ASCORBIC ACID
MUTATION DATA AND REFERENCES:
dnr-bcs 10 mg/disc YKKZAJ 101,596,81

ASCORBICIN see: CI7671000
ASCORBIN see: CI7650000
ASCORBIN see: CI7671000
ASCORBUTINA see: CI7650000
ASCORIN see: CI7650000
ASCORTEAL see: CI7650000
ASCORVIT see: CI7650000
ASCOSERP see: ZG0350000
ASCOSERPINA see: ZG0350000
ASCUMAR see: GN4900000
ASCURON see: GA5250000
2-ASe see: VS6552000
ASE see: CL8018000
ASEBOTOXIN see: PB9195000
ASECRYL see: UY4337630
ASED see: JZ2694000
ASEFETIDA see: CI5625000
ASEPTICHROME see: LM5250000
ASEPTOFORM see: DH2450000
ASEPTOFORM BUTYL see: DH1980000
ASEPTOFORM E see: DH2190000
ASEPTOFORM P see: DH2800000
ASEX see: FO0525000
ASHES (residues) see: GF8285000
ASHLENE see: RF5250000
ASHOK, extract (Indian) see: VQ1910000 SARACA INDICA Linn., extract excluding roots
ASIATICOSIDE see: YU9625000
ASIDON 3 see: TI4375000
ASILAN see: FD1190000
ASIPRENOL see: DO1750000
ASL-603 see: BO9450000
AS-LH see: OK6368000
ASMACORIL see: DJ3100630
ASMADION see: TI4375000
ASMAK EXTRACT (Indian) see: YV6050000
ASMALAR see: DO1750000
ASMATANE MIST see: DO2625000
ASMATANE MIST see: DO3500000
ASMAVAL see: TI4375000
ASM MB see: DE1050000
L-ASNASE see: CI9000000
ASNI EXTRACT (Indian) see: EE4975000
ASOMATE see: CH9000000
A 1 (SORBENT) see: BD1200000
ASOZIN see: CH7000000
ASP 47 see: XN4375000
ASP 51 see: XN4550000
ASPALON see: VO0700000
ASPARA see: CI9460000
ASPARAGINASE see: CI9000000

CI9000000 L-ASPARAGINASE
UPDT 8402 CAS: 9015-68-3
SYN: L-ASNASE * ASPARAGINASE * L-ASPARAGINASE X * L-ASPARAGINASI (Italian) * L-ASPARAGINE AMIDOHYDROLASE * COLASPASE * CRASNITIN * E. C. 3.5.1.1 * ELSPAR * KIDROLASE * LEUCOGEN * LEUNASE * MK-965 * NSC-109229 * Re 82-TAD.15
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ipr-rat TDLo:1911 ug/kg (7-13D preg) YIKUAO 18,271,69
1T35 ipr-rat TDLo:15911 ug/kg (7-13D preg) YIKUAO 18,271,69
1T41 ipr-rat TDLo:47726 ug/kg (7-13D preg) YIKUAO 18,271,69
2T34T42 ivn-rat TDLo:10000 iu/kg (6-15D preg) RRCRBU 33,174,70
1T25 ivn-rat TDLo:3000 iu/kg (6-15D preg) RRCRBU 33,174,70
1T43 ivn-rat TDLo:30000 iu/kg (6-15D preg) RRCRBU 33,174,70
2T41T42 ivn-mus TDLo:63637 ug/kg (7-13D preg) YIKUAO 18,271,69
2T35T46 ivn-mus TDLo:31815 ug/kg (7-13D preg) YIKUAO 18,271,69
3T41T46T49 ivn-rbt TDLo:200 iu/kg (8-9D preg) NATUAS 218,1164,68
2T25T34 ivn-rbt TDLo:100 iu/kg (8-9D preg) NATUAS 218,1164,68
1T53 ivn-rbt TDLo:200 iu/kg (8-9D preg) NATUAS 218,1164,68
2T50T51 ivn-rbt TDLo:200 iu/kg (8-9D preg) AIPTAK 186,310,70
TUMORIGENIC DATA AND REFERENCES:
3V02J60P61 ipr-mus TDLo:10 iu/kg/4D BSIBAC 47,418,71
TOXICITY DATA AND REFERENCES:
1K02 ims-chd TDLo:8145 iu/kg/1W CANCAR 34,780,74
3F12F17J25 ipr-rat LD50:8204 mg/kg YIKUAO 18,271,69
3F12F17J25 scu-rat LD50:8204 mg/kg YIKUAO 18,271,69
3F12F17J25 ivn-rat LD50:7568 mg/kg YIKUAO 18,271,69
3F12F17J25 ipr-mus LD50:334 gm/kg YIKUAO 18,271,69
3F12F17J25 scu-mus LD50:345 gm/kg YIKUAO 18,271,69
3F12F17J25 ivn-mus LD50:136 gm/kg YIKUAO 18,271,69
3F15K13U01 ivn-dog LD50:50000 iu/kg RRCRBU 33,174,70
3F15K13U01 ivn-cat LD50:50000 iu/kg RRCRBU 33,174,70
3F12F17J25 ivn-rbt LD50:2273 ug/kg YIKUAO 18,271,69
3F12F17J25 ipr-gpg LD50:11662 mg/kg YIKUAO 18,271,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MIMDAL 57(1),19,74; 32XPAD -,49,75; NEJMAG 291(2),75,74; CRTXB2 2,159,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-ASPARAGINASE X see: CI9000000
L-ASPARAGINASI (Italian) see: CI9000000
ASPARAGINATE CALCIUM see: CI9120000
L-ASPARAGINE AMIDOHYDROLASE see: CI9000000

CI9080000 ASPARAGINE, N(SUP 2)-(DITHIOCARBOXY)-, L-, ZINC SALT, HEXAHYDRATE
UPDT 8408 MW: 379.74 MOLFM: C5-H6-N2-O3-S2 Zn 6H2-O
SYN: L-N(sup 2)-(DITHIOCARBOXY)ASPARAGINE ZINC SALT HEXAHYDRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:27 mg/kg PRLFAG 32(2),55,80

CI9089500 ASPARAGUS ADSCENDENS Roxb., extract
DEF: Indian plant belonging to the family Liliaceae. EBA6 18,594.80)
UPDT 8411

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

CI9090000 ASPARAGUS FILICINUS Buch.-Ham., extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: KARUWA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg IJEBA6 6,232,68

CI9090500 ASPARAGUS GRACILIS Royle, extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

ASPARA K see: CI9479000
ASPARTAME see: WM3407000
ASPARTAT see: CI9460000

CI9099000 ASPARTIC ACID, N-BENZYL-, DL-
UPDT:8307 CAS: 5555-22-6 MW: 223.25 MOLFM: C11-H13-N-O4
SYN: DL-N-BENZYLASPARTIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:800 mg/kg FRPSAX 24,938,69

CI9120000 ASPARTIC ACID, CALCIUM SALT, L-
UPDT:8405 CAS: 21059-46-1 MW: 413.68 MOLFM: C4-H7-N-O4 xCa
SYN: ASPARAGINATE CALCIUM * L-ASPARTIC ACID, CALCIUM SALT (9CI) * CALCIUM ASPARTATE * CALCIUM L-ASPARTATE * CALCIRETARD
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:10 gm/kg NIIRDN 6,12,82
* ipr-mus LD50:1059 mg/kg NIIRDN 6,12,82
* ivn-mus LD50:646 mg/kg NIIRDN 6,12,82

L-ASPARTIC ACID, CALCIUM SALT (9CI) see: CI9120000

CI9150000 ASPARTIC ACID, N-CARBAMOYL-, CALCIUM SALT (1:1), DL-
UPDT:8403 CAS: 30905-63-6 MW: 214.21 MOLFM: C5-H6-N2-O5 Ca
SYN: CALCIUM DL-N-CARBAMOYLASPARTATE * CALCIUM UREIDOSUCCINATE * DL-N-CARBAMOYLASPARTIC ACID CALCIUM SALT * PACILAN
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:1 gm/kg MEIEDD 10,228,83

CI9172000 ASPARTIC ACID, N-(3-CARBOXY-1-OXO-3-SULFOPROPYL)-N-OCTADECYL-, TETRASODIUM SALT
UPDT:8308 CAS: 38916-42-6 MW: 657.76 MOLFM: C26-H47-N-O10-S 4Na
SYN: AERO PROMOTER 845 * AEROSOL 22 * ALCOPOL FL * ALCOPOL R 540 * N-(3-CARBOXY-1-OXO-3-SULFOPROPYL)-N-OCTADECYLASPARTIC ACID TETRASODIUM SALT * PROCOL CA 540
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6500 mg/kg 34ZIAG -,79,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CI9190000 ASPARTIC ACID, N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-, DIMETHYL ESTER, L-
UPDT:8303 MW: 295.71 MOLFM: C9-H16-Cl-N3-O6
SYN: ASP CNU * L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)ASPARTIC ACID DIMETHYL ESTER * DIESTER METHYLIQUE de l'ACIDE N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-ASPARTIQUE (French) * ICIG 1730
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:80 mg/kg EJMCA5 17,257,82

CI9350000 ASPARTIC ACID, N-p-(2,4-DIAMINO-6-PTERIDYLMETHYLAMINO)BENZOYL-, SODIUM SALT
UPDT:8308 CAS: 64049-04-3 MW: 448.42 MOLFM: C18-H17-N8-O5 Na
TOXICITY DATA AND REFERENCES:
par-mus LDLo:200 mg/kg CBCCT* 7,686,55

CI9380000 ASPARTIC ACID, N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)BENZOYL)GLYCYL)-, L-
UPDT:8308 MW: 483.50 MOLFM: C20-H21-N9-O6
SYN: 6-AB-GLY-L-ASP * N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)BENZOYL)GLYCYL)-L-ASPARTIC ACID
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:184 mg/kg NEOLA4 29,43,82

CI9400000 ASPARTIC ACID, N-(p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-
UPDT:8308 MW: 460.47 MOLFM: C19-H20-N8-O5
SYN: N-(p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)ASPARTIC ACID * 7-MAB-ASP
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:194 mg/kg NEOLA4 29,43,82

CI9400100 ASPARTIC ACID, N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)GLYCYL)-, L-
UPDT:8308 MW: 497.53 MOLFM: C21-H23-N9-O6
SYN: N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)GLYCYL)-L-ASPARTIC ACID * 6-MAB-GLY-L-ASP
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:468 mg/kg NEOLA4 29,43,82

CI9400300 ASPARTIC ACID, N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-3-PHENYL-L- ALANYL)-, L-
UPDT:8308 MW: 587.66 MOLFM: C28-H29-N9-O6
SYN: 6-MAB-L-PHE-L-ASP
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:946 mg/kg NEOLA4 29,43,82

CI9400500 ASPARTIC ACID, N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)-2-METHOXYBENZOYL)-, L-
UPDT:8308 MW: 470.50 MOLFM: C20-H22-N8-O6
SYN: N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)-2-METHOXYBENZOYL)-L-ASPARTIC ACID
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:1501 mg/kg NEOLA4 29,43,82

CI9400510 ASPARTIC ACID, N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)-3-METHOXYBENZOYL)-, L-
UPDT:8308 MW: 470.50 MOLFM: C20-H22-N8-O6
SYN: N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)-3-METHOXYBENZOYL)-L-ASPARTIC ACID
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:499 mg/kg NEOLA4 29,43,82

CI9450500 ASPARTIC ACID, N-(DITHIOCARBOXY)-, L-, TRISODIUM SALT
UPDT:8408 CAS: 75808-48-9 MW: 275.19 MOLFM: C5-H4-N-O4-S2 3Na
SYN: L-N-(DITHIOCARBOXY)ASPARTIC ACID TRISODIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1 gm/kg PRLFAG 32(2),55,80

CI9451000 ASPARTIC ACID, N-ETHYL-, DL-
UPDT:8405 CAS: 5555-23-7 MW: 161.18 MOLFM: C6-H11-N-O4
SYN: DL-N-ETHYLASPARATIC ACID * DL-ETIELAS PARTIENSUUR
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:167 mg/kg FRPSAX 24,938,69

ASPARTIC ACID, LEAD SALT see: OF8624000

CI9460000 L-ASPARTIC ACID, MONOPOTASSIUM SALT, mixt. with DIHYDROGEN (T-4)-BIS(L-ASPARTATO(2-)- N,O(sup 1)MAGNESATE(2-)
UPDT:8405 CAS: 14842-81-0 MW: 460.75 MOLFM: C8-H10-Mg-N2-O8 C4-H7-N-O4 2H K
SYN: ASPARA * ASPARTAT * MAGNESIUM POTASSIUM ASPARTATE * MAGNESIUM POTASSIUM L-ASPARTATE * SPARTASE * TROPHICARD
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:6902 mg/kg NIIRDN 6,11,82
* ivn-rat LD50:619 mg/kg NIIRDN 6,11,82
* scu-mus LD50:4226 mg/kg NIIRDN 6,11,82
* ivn-mus LD50:817 mg/kg NIIRDN 6,11,82

CI9469000 L-ASPARTIC ACID, N-(PHOSPHONOACETYL)-
UPDT:8405 CAS: 51-21-79-0 MW: 255.14 MOLFM: C6-H10-N-O8-P
SYN: NSC-224131 * PALA * N-PHOSPHONACETYL-L-ASPARTATE * PHOSPHONACETYL-L-ASPARTIC ACID
MUTATION DATA AND REFERENCES:
dni-mus:leu 1 mmol/L CNREA8 42,4525,82
oms-dog-ivn 20 mg/kg CNREA8 43,2565,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T35T49 ipr-mus TDLo:5 mg/kg (8D preg) TJADAB 22,311,80
1T53 ipr-mus TDLo:5 mg/kg (8D preg) TJADAB 22,311,80
TOXICITY DATA AND REFERENCES:
3K12K13U01 unk-hmn TDLo:862 mg/kg DRFUD4 6,152,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CI9479000 ASPARTIC ACID, POTASSIUM SALT, L-
UPDT:8405 CAS: 14007-45-5 MW: 406.82 MOLFM: C4-H7-N-O4 xK
SYN: ASPARA K * L-ASPARTIC ACID, POTASSIUM SALT (9CI) * K-FLEBO * POTASSIUM ASPARTATE * POTASSIUM L-ASPARTATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7937 mg/kg NIIRDN 6,11,82
* scu-rat LD50:4061 mg/kg NIIRDN 6,11,82
* ivn-rat LD50:667 mg/kg NIIRDN 6,11,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

L-ASPARTIC ACID, POTASSIUM SALT (9CI) see: CI9479000

CI9490000 ASPARTIC ACID, SODIUM SALT, L-
UPDT:8411 CAS: 17090-93-6 MW: 294.05 MOLFM: C4-H7-N-O4 xNa
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T02T23T81 scu-mus TDLo:34100 mg/kg (10D male) PBBHAU 9,481,78
3T12T13T22 scu-mus TDLo:34100 mg/kg (10D pre) PBBHAU 9,481,78
1T72 scu-mus TDLo:34100 mg/kg (10D pre) PBBHAU 9,481,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ASPARTYLPHENYLALANINE METHYL ESTER see: WM3407000
1-L-ASPASAGINYL-5-L-VALYL ANGIOTENSIN OCTAPEPTIDE see: BW2160000
ASP CNU see: CI9190000

CI9590000 ASPERASE
UPDT:8406
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:65300 ug/kg FATOAO 45(6),78,82
* ivn-rat LD50:52500 ug/kg FATOAO 45(6),78,82
* ipr-mus LD50:167 mg/kg FATOAO 45(6),78,82
* ivn-mus LD50:107 mg/kg FATOAO 45(6),78,82
* ivn-gpg LD50:8200 ug/kg FATOAO 45(6),78,82

ASPERENTIN see: NQ7850000

CI9625000 ASPERGILLIC ACID
UPDT:8405 CAS: 490-02-8 MW: 224.34 MOLFM: C12-H20-N2-O2
SYN: 6-sec-BUTYL-1-HYDROXY-3-ISOBUTYL-2(1H)-PYRAZINONE * 6-sec-BUTYL-3-ISOBUTYL PYRAZINOL 1-OXIDE * GRANEGILLIN * 2-HYDROXY-3-ISOBUTYL-6-(1-METHYLPROPYL)PYRAZINE 1-OXIDE * 1-HYDROXY-6-(1-METHYLPROPYL)-3-(2-METHYLPROPYL)-2(1H)-PYRAZINONE * 3-ISOBUTYL-6-sec-BUTYL-2-HYDROXYPYRAZINE 1-OXIDE * PYRAZINOL, 6-sec-BUTYL-3-ISOBUTYL- 1-OXIDE * 2(1H)-PYRAZINONE, 6-sec-BUTYL-1-HYDROXY-3-ISOBUTYL- * 2(1H)-PYRAZINONE, 1-HYDROXY-6-(1-METHYLPROPYL)-3-(2-METHYLPROPYL)- (-)- (9CI)
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:200 mg/kg JOBAAY 45,433,43
ipr-mus LDLo:150 mg/kg JOBAAY 45,433,43

ASPERGILLUS CLAVATUS SPORES EXTRACT see: LT3685250
ASPERGUM see: VO0700000
ASPERLINE see: CB9870200

CI9900000 ASPHALT
UPDT:8405 CAS: 8052-42-4
SYN: ASPHALT, at or above its flashpoint (DOT) * ASPHALTUM * BITUMEN * JUDEAN PITCH * MINERAL PITCH * NA 1999 (DOT) * PETROLEUM ASPHALT * PETROLEUM BITUMEN * PETROLEUM PITCH * ROAD ASPHALT (DOT) * ROAD TAR (DOT)
TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 skn-mus TDLo:130 gm/kg/81W-I HYSAAV 33(5),180,68
3V03J60R60 skn-mus TD :69 gm/kg/43W-I HYSAAV 33(5),180,68
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 (vapor) DTLVS* 4,31,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-C; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ASPHALT FUMES recm std-air:CL 5 mg/m3
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CI9905000 ASPHALT (cut back)
UPDT:8308
SYN: ASPHALT, CUT BACK (DOT) * NA 1999 (DOT) * ROAD ASPHALT (DOT) * ROAD TAR, LIQUID (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82

ASPHALT, CUT BACK (DOT) see: CI9905000
ASPHALT, at or above its flashpoint (DOT) see: CI9900000
ASPHALTUM see: CI9900000
ASPICULAMYCIN see: LZ6572500
p-ASPIDIN see: EU1300000
p-ASPIDIN BB see: EU1300000

CJ0100000 ASPIDIUM
UPDT:8405 CAS: 8063-11-4
SYN: FILIX MAS (B.P.) * MALE FERN * MALE SHIELD-FERN
TOXICITY DATA AND REFERENCES:
unk-man LDLo:294 mg/kg 85DCAI 2,73,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CJ0110000 ASPIDOPTERYS INDICA (Roxb.) Hoch., extract excluding roots
DEF:Indian plant belonging to the family MALPIGHIACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

CJ0150000 ASPIDOSPERMIDINE-3-CARBOXYLIC ACID, 2,3,6,7-TETRAHYDRO-, METHYL ESTER, (5-alpha,12-beta, 19-alpha)-
UPDT:8311 CAS: 4429-63-4 MW: 336.47 MOLFM: C21-H24-N2-O2
SYN: TABERSONIN * TABERSONINE * (-)-TABERSONINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg APFRAD 13,123,55

BEST COPY AVAILABLE

ASPIRDROPS see: VO0700000
ASPIRIN see: VO0700000
ASPIRIN ACETAMINOPHEN ESTER see: VO0720000
ASPIRIN ANHYDRIDE see: VO0710000
ASPIRINE see: VO0700000
ASPIRIN-ISOPROPYLAMTIPYRINE see: AI5010000
ASPIRIN DL-LYSINE see: OL5675000
ASPIRIN, PHENACETIN and CAFFEINE see: DG0935000
ASPON see: XN4550000
ASPON-CHLORDANE see: PB9800000
ASPOR see: ZH3325000
ASPORUM see: ZH3325000
AS-PRL see: CD3684700
ASPRO see: VO0700000
ASPRON see: QC8050000

CJ1260000 ASSAM TEA
DEF:TANNIN containing fraction of leaf used (JNCIAM 57,207,76)
UPDT:8401
SYN: CAMELLIA SINENSIS
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:1850 mg/kg/58W-I JNCIAM 57,207,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ASSAM WOOD see: DR9866500
ASSIFLAVINE see: AR9660000
ASSIMIL see: BV8060050
ASSIPRENOL see: DQ1750000
ASSIVAL see: DF1575000
ASSUGRIN see: GV7350000
ASSURGRIN FEINSUSS see: GV7350000
ASSURGRIN VOLLSUSS see: GV7350000
ASTA see: RP5950000
ASTA B518 see: RP5950000
ASTA C see: DI0250000
ASTA C 4898 see: DI0250000

CJ1330000 ASTARIL
UPDT:8011 CAS: 554-76-7 MW: 262.90 MOLFM: C6-H8-N-O3-Sb
SYN: p-AMINOBENZENESTIBONIC A "ID " 4-AMINOBENZENESTIBONIC ACID " ANILINE, p-STIBONO- (8CI) " 6938 " BAYER 693 " BENZENAMINE, 4-STIBONO- (9CI) " ETHYLSTIBAMINE " NEOSTIBOSAN " STIBANILIC ACID " STIBOSAMIN
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:472 mg/kg JPETAB 81,224,44
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74

ASTA Z 4828 see: RP5880000
ASTA Z 4942 see: RP6050000
ASTEDIN see: SI1750000
ASTEMIZOLE see: DD8968000
ASTEMIZOL (German) see: DD8968000

CJ1380000 ASTER ALBESCENS (DC.) Hand.-Mazz., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:62 mg/kg IJEBA6 11,43,73

ASTERIC see: VO0700000
ASTEROL DIHYDROCHLORIDE see: DL3580000
ASTEROMYCIN see: LZ6572500
ASTHENTHILO see: IH2275000 DIGITOXIN
ASTHMA METER MIST see: DO2625000
ASTHMA-NEFRIN see: DO2625000
ASTIBAN see: JO6150000
ASTMAHALIN see: DO2625000
ASTMAMASIT see: XH5100000
ASTMINHAL see: DO2625000
ASTOMIN see: QC7696000
ASTOMOL see: MV5650000
ASTRA CHRYSOIDINE R see: ST3380000
ASTRA DIAMOND GREEN GX see: BP6825000
ASTRAFER see: NO6210000
ASTRA FUCHSINE B see: CX9855000

CJ1675000 ASTRAGALUS CANDOLLEANUS Royle, extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8412
SYN: RUDRAVANTI, extract
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

CJ1680000 ASTRAGALUS CICERIFOLIUS Royle ex. Bunge, extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1F07 ipr-rat LD50:350 mg/kg IJEBA6 16,228,78

CJ1681000 ASTRAGALUS GRAVEOLENS Buch. Ham, extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1F07 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

ASTRAGALIN see: DJ3080000
ASTRAGALINE see: DJ3080000

CJ1686000 ASTRAGALUS POLYCANTHUS Royle, extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

ASTRALON see: KV0350000
ASTRATONE see: YQ1927500
ASTRAZOLO see: WO9100000
ASTREPTINE see: WO8400000
ASTRESS see: DF1400000
ASTRINGEN see: BD0550000
ASTROBAIN see: RN3675000
ASTROBOT see: TC0350000
ASTROCAR see: QS4375000
ASTROCID see: WO8400000
ASTROPHYLLIN see: XH5100000
ASTROTIA STOKESII VENOM (AUSTRALIA) see: YX4183850
ASTROTIA STOKESII VENOM, TOXIN A see: YX4183860
ASTROTIA STOKESII VENOM, TOXIN B see: YX4183865
ASTROTIA STOKESII VENOM, TOXIN C see: YX4183870
ASTRUMAL see: SC9700000
ASTYN see: YT2800000
ASUCROL see: YS6650000
ASUGRYN see: GV7350000
ASULAM see: FD1190000
A. SULCATA TOXIN see: XW5871700
ASULFIDINE see: VO6250000
ASULFOX F see: FD1190000
ASULOX see: FD1190000
ASULOX 40 see: FD1190000
ASUNTHOL see: GN6300000
ASUNTOL see: GN6300000
A. SUPERBA VENOM see: YX3959300
ASWAGANDH ROOTS see: ZC8061500
AS XVII see: WH1317560
ASYMMETRICAL TRIMETHYLBENZENE see: DC3325000
ASYMMETRIN see: MC0550000

CJ3080000 ASYSTASIA NEESIANA Nees, extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 12,512,74

AT see: XZ3850000
α-AT see: XU8800000
AT-1 see: NS1790010
AT-2 see: NS1790000
3,A-T see: XZ3850000
AT-6 see: NS1410000
AT 7 see: SM0700000
AT-7 see: NS1246700
AT-8 see: AG3692000
AT-9 see: AG4207000
AT-11 see: AG4208000
AT-17 see: SM0700000
AT 36 see: UD1842000
AT-90 see: XZ3850000
AT 101 see: LZ4380000
AT 265 see: AU7357570
AT-290 see: AY3675000
AT 327 see: TM7870000
AT-581 see: AY3310000
AT 717 see: TR8370000
AT-1258 see: SQ7330400
ATA see: XZ3850000
ATABRINE see: AR7700000
ATABRINE see: AR7875000
ATABRINE DIHYDROCHLORIDE see: AR7875000
ATABRINE HYDROCHLORIDE see: AR7875000
ATABRINE HYDROCHLORIDE DIHYDRATE see: AR7876000
ATACTIC POLY(ACRYLIC ACID) see: AT4680000
ATACTIC POLYPROPYLENE see: UD1842000
ATACTIC POLYSTYRENE see: WL6475000
ATACTIC POLY(VINYL CHLORIDE) see: KV0350000
ATADIOL see: EK1050000

CJ4610000 ATALANTIA MONOPHYLLA Corr., extract excluding roots
DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 7,250,69)
UPDT:8303
SYN: NARGUNI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg IJEBA6 7,250,69

CJ4612000 ATALANTIA RACEMOSA Wt. & Arn., extract excluding roots
DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 9,91,71)
UPDT:8303
SYN: MAKAR-LIMBU EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 9,91,71

ATALCO C see: MM0225000
ATALCO O see: RG4120000
ATALCO S see: RG2010000
ATARA see: KK2275000
ATARAX see: KK2275000
ATARAX DIHYDROCHLORIDE see: KK2280000
ATARAX HYDROCHLORIDE see: KK2350000
ATARAXINE see: TZ0175000
ATARAXOID see: KK2275000
ATARAXOID DIHYDROCHLORIDE see: KK2280000
ATARAZOID see: KK2275000
ATARS see: VH6750000
ATA-Sb see: AF5810000
ATAV see: VH6750000
ATAZINA see: KK2275000
ATAZINAX see: XY5600000
ATC see: XJ5425000
AT 327 CITRATE see: TM7870500
ATCOTIBINE see: NS1750000
ATCP see: TJ7525000
ATDA see: XI3000000
ATDA HYDROCHLORIDE see: XI3150000
ATEBRIN see: AR7700000
ATEBRIN see: AR7875000
ATEBRINE see: AR7700000
ATEBRINE see: AR7875000
ATEBRIN HYDROCHLORIDE see: AR7875000
ATECULON see: UE9480000
ATELOR see: DL3580000
ATEM see: YM3700000
ATEMORIN see: SC4900000
ATEMPOL see: SC4900000
ATENOLOL see: AC3600000
ATENSIN see: TZ1225000
ATENSINE see: DF1575000
ATERAX see: KK2275000
ATERAX DIHYDROCHLORIDE see: KK2280000
ATERIAN see: WO8575000
ATERIOSAN see: UE9480000
ATEROCYN see: XL1925000
ATGARD see: TC0350000
ATGARD C see: TC0350000
ATGARD V see: TC0350000
ATHAPROPAZINE see: SO4900000
ATHEBRATE see: UE9480000

BEST COPY AVAILABLE

ATHEROLIP see: BD0348000
ATHEROMIDE see: UE9480000
ATHEROPHYLLINE see: UO8430000
ATHEROPRONT see: UE9480000
ATHOPROPAZIN see: SO4900000
ATHRANID-WIRKSTOFF see: UE9480000
ATHROMBIN see: GN4725000
ATHROMBINE-K see: GN4550000
ATHROMBIN-K see: GN4550000
ATHROMBON see: NK6125000
ATHYLEN (German) see: KU5340000
ATHYLENGLYKOL (German) see: KW2975000
ATHYLENGLYKOL-MONOATHYLATHER (German) see: KK8050000
ATHYL-GUSATHION see: TD8400000
ATHYMIL see: HP8780000

CJ6842900 ATHYRIUM DIALATATUM (Bl.) Mulde, extract
DEF:Indian plant belonging to the family ASPIDIACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
3H30M10U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

ATHYROMAZOLE see: NJ2441000
ATILEN see: DF1575000
ATILON see: AE7175000
ATIPI see: AU7416000
ATIRAN see: OW0875000
ATIRIN see: XI0390000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL-1,3,4-THIADIAZOL-2-YL) THIO)METHYL)-8-OXO-7-(((1H-TETRAZOL-1-YL)ACETYL)AMINO)-, (6R-trans)-,SODIUM SALT
ATIVAN see: DF0350000
ATLACIDE see: FO0525000
ATLADIOL see: KG5793000
ATLANTIC BLACK BD see: QJ6160000
ATLANTIC BLACK C see: QJ6160000
ATLANTIC BLACK E see: QJ6160000
ATLANTIC BLACK EA see: QJ6160000
ATLANTIC BLACK GAC see: QJ6160000
ATLANTIC BLACK GG see: QJ6160000
ATLANTIC BLACK GXCW see: QJ6160000
ATLANTIC BLACK GX00 see: QJ6160000
ATLANTIC BLACK SD see: QJ6160000
ATLANTIC BLUE 2B see: QJ6400000
ATLANTIC CONGO RED see: QK1400000
ATLANTIC DARK GREEN see: QJ6193050
ATLANTIC FAST BROWN BRL see: GL7375000
ATLANTIC GREEN WT see: QJ6195050
ATLANTIC RESIN FAST BLUE see: QJ6430000
ATLANTIC RESIN FAST BROWN BRL see: GL7375000
ATLANTIC SCARLET 3B see: QJ6476000
ATLANTIC SKY BLUE A see: QJ6420000
ATLANTIC SKY BLUE 6B see: QJ6430000
ATLANTIC SKY BLUE FF see: QJ6430000
ATLANTIC STILBENE YELLOW GA see: GD0197800
ATLANTIC VIOLET N see: QK1420000
ATLAS 'A' see: CG3675000
ATLAS G 924 see: WI4550000
ATLAS G-2133 see: MD0875000
ATLAS G-2142 see: MD0880000
ATLAS G-2144 see: MD0880000
ATLAS G 2146 see: WI4025000
ATLAS G-3705 see: MD0875000
ATLAS WHITE TITANIUM DIOXIDE see: XR2275000
ATLATEST see: XA3080000
AT LIQUID see: XZ3850000
ATM 2 (NYLON) see: TQ9800000
ATMONIL see: BO9000000
ATMOS 150 see: RG1925000
ATMUL 67 see: RG1925000
ATMUL 84 see: RG1925000
ATMUL 124 see: RG1925000
A''-TOMATIDINE see: XW1050000
ATONIN O see: RS7534000
ATOREL see: NM7460000
ATOSIL see: SO6825000
ATOSIL see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
ATOXICOCAINE see: DG2275000
ATOXYL see: CF9625000
ATOXYLIC ACID see: CF7875000
ATP see: AU7416000
5'-ATP see: AU7416000
ATP DISODIUM see: AU7417000
ATP DISODIUM SALT see: AU7417000
ATP Na SALT see: AU7460000
ATP (NUCLEOTIDE) see: AU7416000
ATRACTASPIS DAHOMEYENSIS see: YX4259000
ATRAL see: VC4022500
ATRANEX see: XY5600000
ATRASINE see: XY5600000
ATRATOL see: FO0525000
ATRATOL A see: XY5600000

CJ9446000 ATRATOL 8P
DEF:CONTAINS 8% ATRAZINE, 40% SODIUM CHLORATE, 47% SODIUM METABORATE (FMCHA2 -,C19,83)
UPDT:8309

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3100 mg/kg FMCHA2 -,C19,83

CJ9447000 ATRATOL 80W
DEF:Contains 75% ATRAZINE and 5% PROMETON (FMCHA2 -,C19,83)
UPDT:8309

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2436 mg/kg FMCHA2 -,C19,83
* ihl-rat LC50:3190 mg/M3/4H FMCHA2 -,C19,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ATRATON see: XY8750000
ATRATONE see: XY8750000
ATRAVET see: OB2275000
ATRAXIN see: TZ0175000
ATRAZIN see: XY5600000
ATRAZINE see: XY5600000
ATRED see: XY5600000
ATREX see: XY5600000
ATRINAL see: MQ3570000
ATRIPHOS see: AU7416000
ATRIVYL see: NI5600000
ATROCHIN see: VR3675000
ATROL see: KK6650000
ATROLEN see: UE9480000
ATROMID see: UE9480000
ATROMIDA see: UE9480000
ATROMIDIN see: UE9480000
ATROMID S see: UE9480000
ATROPAMIN see: YM4025000
ATROPAMINE see: YM4025000
ATROPETTE see: CK2450000
ATROPIN (German) see: CK0700000
ATROPINA (Italian) see: CK0700000

CK0700000 ATROPINE
CAS: 51-55-8 MW: 289.41 MOLFM: C17-H23-N-O3
UPDT:8411
SYN: ATROPIN (German) * ATROPINA (Italian) * ATROPIN-FLEXIOLEN * ATROPINOL * ATROPISOL * EYESULES * alpha-(HYDROXYMETHYL)BENZENEACETIC ACID 8-METHYL-8-AZABICYCLO(3.2.1)OCT-3-YL ESTER * dl-HYOSCYAMINE * ISOPTO-ATROPINE * 2-PHENYLHYDRACRYLIC ACID 3-alpha-TROPANYL ESTER * beta-PHENYL-gamma-OXYPROPIONSAEURE-TROPYL-ESTER (German) * 1-alpha-H,5-alpha-H-TROPAN-3-alpha-OL (- -)-TROPATE (ester) (8CI) * DL-TROPANYL 2-HYDROXY-1-PHENYLPROPIONATE * TROPIC ACID, ESTER with TROPINE * TROPIC ACID, 3-alpha-TROPANYL ESTER * TROPINE (TROPATE * TROPINE, TROPATE (ESTER) * (+ , -)-TROPYL TROPATE * dl-TROPYLTROPATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 ivn-wmn TDLo:20 ug/kg (26-39W preg) AJOGAH 82,1055,61
1T29 unk-mus TDLo:1600 ug/kg (1D pre) FESTAS 12,346,61

TOXICITY DATA AND REFERENCES:
1F0B ims-man TDLo:175 ug/kg FEPRA7 32,250,73
* orl-rat LD50:500 mg/kg AIPTAK 155,393,65
ipr-rat LD50:280 mg/kg JPETAB 105,166,52
scu-rat LD50:250 mg/kg AIPTAK 68,339,42
ivn-rat LD50:73 mg/kg SMWOAS 76,1282,46
orl-mus LD50:75 mg/kg AIPTAK 59,149,38
3D16D17E16 ipr-mus LD50:189 mg/kg AIPTAK 103,120,55
scu-mus LD50:75 mg/kg JPETAB 85,85,45
* ivn-mus LD50:32 mg/kg JMCMAR 26,1772,83
idr-mus LD50:550 mg/kg AIPTAK 59,149,38
ipr-dog LDLo:175 mg/kg BIZEA2 66,389,14
scu-dog LDLo:225 mg/kg BIZEA2 66,389,14
ivn-dog LDLo:100 mg/kg BIZEA2 66,389,14
scu-cat LDLo:140 mg/kg BIZEA2 66,389,14
orl-rbt LD50:600 mg/kg AIPTAK 59,149,38
ipr-rbt LDLo:350 ug/kg JPETAB 60,14,37
scu-rbt LDLo:500 mg/kg HBAMAK 4,1311,35
ivn-rbt LD50:50 mg/kg AIPTAK 59,149,38
ims-rbt LD50:501 mg/kg TXAPA9 5,772,63
idr-rbt LD50:500 mg/kg AIPTAK 59,149,38
orl-gpg LD50:1100 mg/kg JPETAB 105,166,52
ipr-gpg LD50:400 mg/kg JPETAB 105,166,52
scu-gpg LDLo:450 mg/kg BIZEA2 66,389,14
scu-frg LDLo:1000 mg/kg HBAMAK 4,1311,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLANA4 10(pt.1),11,73; FNSCA6 2,67,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ATROPINE METHONITRATE see: CK2800000
ATROPINE METHYL NITRATE see: CK2800000
ATROPINE OCTABROMIDE see: CK2820000
ATROPINE N-OCTYL BROMIDE see: CK2820000
ATROPINE SULFATE see: CK2450000

CK2450000 ATROPINE, SULFATE (2:1)
CAS: 55-48-1 MW: 676.90 MOLFM: C34-H46-N2-O6 H2-O4-S
UPDT:8406
SYN: ATROPETTE * ATROPINE SULFATE * ATROPINE SULPHATE * ATROPINIUM SULFATE * ATROPINSAL * ATROPIN SIRAN (Czech) * ATROPINSULFAT (German) * ATROPISAL * ATROPISOL * CORBELLA * DAVURTROP * 'YESULE * ICHTHO-BELLOL * LIO-ATROPIN * MBK * SULFATE d ATROPINE (French) * SULFATROPINOL * 1-alpha-H,5-alpha-H-TROPAN-3-alpha-OL (- -)-TROPATE (ester), SULFATE (2:1) SALT * DL-TROPANYL 2-HYDROXY-1-PHENYLPROPIONATE SULFATE * TROPINTRAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 ipr-rat TDLo:40 mg/kg (1D male) ANENAG 24(Suppl 3),1,63
1T21 scu-rat TDLo:1 mg/kg (1D male) PSYPAG 10,44,66
1T24 scu-rat TDLo:700 mg/kg (3D preg) BIREBV 1,315,69
1T29 scu-rat TDLo:200 mg/kg (1D pre) ENDOAO 74,309,64
1T46 per-mus TDLo:50 mg/kg (8D preg) JPMSAE 62,1626,73
1T29 ivg-rbt TDLo:5 mg/kg (1D pre) CCPTAY 17,309,78
2T01T21 scu-ctl TDLo:400 ug/kg (1D male) JRPFA4 8,297,64

TOXICITY DATA AND REFERENCES:
3F13G10M11 orl-chd TDLo:20 ug/kg ADCHAK 54,222,79
idu-rat LD50:620 mg/kg AIPTAK 180,155,69
* orl-rat LD50:600 mg/kg AIPTAK 155,393,65
1J30 ipr-rat LD50:215 mg/kg TXAPA9 11,511,67
* scu-rat LD50:540 mg/kg AIPTAK 155,393,65
1J30 ivn-rat LD50:37 mg/kg TXAPA9 11,511,67
ims-rat LD50:995 mg/kg TXAPA9 5,772,63
1E16 orl-mus LD50:468 mg/kg AIPTAK 156,467,65
ipr-mus LD50:222 mg/kg RPOBAR 2,215,70
scu-mus LD50:735 mg/kg ARZNAD 18,1132,68
ivn-mus LD50:31 mg/kg ARZNAD 16,637,66
ipr-dog LDLo:175 mg/kg BIZEA2 66,389,14
scu-dog LDLo:200 mg/kg BIZEA2 66,389,14
ivn-dog LD50:60 mg/kg TXAPA9 10,424,67
scu-mky LDLo:150 mg/kg BIZEA2 66,389,14
scu-cat LDLo:130 mg/kg BIZEA2 66,389,14
3D16F13F17 ivn-cat LDLo:30 mg/kg AIPTAK 155,393,65
ipr-rat LD50:200 mg/kg TXAPA9 10,424,67
scu-rbt LDLo:250 mg/kg BIZEA2 66,389,14
ivn-rbt LD50:70 mg/kg TXAPA9 10,424,67
ims-rbt LD50:588 mg/kg CMAJAX 85,1241,61
ipr-gpg LDLo:400 mg/kg BIZEA2 66,389,14
1E16 scu-gpg LD50:480 mg/kg AIPTAK 137,375,62
ivn-gpg LDLo:88 mg/kg CRSBAW 151,614,57
scu-pgn LDLo:210 mg/kg BIZEA2 66,389,14
scu-ckn LDLo:750 mg/kg BIZEA2 66,389,14
scu-dck LDLo:250 mg/kg BIZEA2 66,389,14

BEST COPY AVAILABLE

orl-bwd LDLo:226 mg/kg BIZEA2 66,389,14
scu-bwd LDLo:200 mg/kg BIZEA2 66,389,14

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PISDDJ 5,-,77; CTOXAO 12(1),1,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ATROPINE SULPHATE see: CK2450000
ATROPIN-FLEXIOLEN see: CK0700000

CK2800000 ATROPINIUM, 8-METHYL-, NITRATE
UPDT:8411 CAS: 52-88-0 MW: 366.46 MOLFM: C18-H26-N-O3 N-O3
SYN: ATROPINE METHONITRATE * ATROPINE METHYL NITRATE * EKOMINE * EUMIDRINA * EUMYDRIN * EUMYDRINE * EUROPEN * HARVATRATE * 3-alpha-HYDROXY-8-METHYL-1-alpha-H,5-alpha-H-TROPANIUM BROMIDE (- -)-TROPATE * dl-HYOSCYAMINE METHYLNITRATE * dl-HYOSYAMINE METHYLNITRATE * METANITE * METHYL ATROPINE NITRATE * N-METHYLATROPINE NITRATE * N-METHYLATROPINIUM NITRATE * 8-METHYLATROPINIUM NITRATE * METROPINE * PYLOSTROPIN * 1-alpha-H,5-alpha-H-TROPANIUM, 3-alpha-HYDROXY-8-METHYL- NITRATE, (- -)-TROPATE (ESTER)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 scu-rat TDLo:5 mg/kg (1D male) PSYPAG 10,44,66
1T29 unk-mus TDLo:20 mg/kg (1D pre) FESTAS 12,346,61

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1580 mg/kg TXAPA9 1,42,59
orl-mus LD50:1320 mg/kg PSEBAA 120,511,65
ipr-mus LD50:9 mg/kg ATXKAB 29,39,72
ivn-mus LD50:9300 ug/kg JPETAB 110,282,54
1E16 scu-gpg LD50:95 mg/kg AIPTAK 137,375,62
scu-pgn LDLo:40 mg/kg HBAMAK 4,1312,35
scu-frg LDLo:50 mg/kg HBAMAK 4,1312,35

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CK2820000 ATROPINIUM, N-OCTYL-, BROMIDE
UPDT:8408 CAS: 5843-82-3 MW: 482.57 MOLFM: C25-H40-N-O3 Br
SYN: AD 122 * ATROPINE OCTABROMIDE * ATROPINE N-OCTYL BROMIDE * ATROPIN-n-OCTYLBROMID (German) * N-n-OCTYLATROPINE BROMIDE * N-n-OCTYL-ATROPINIUMBROMID (German) * N-OCTYLATROPINIUM BROMIDE * N-n-OCTYLATROPINIUM BROMIDE * 8-OCTYLATROPINIUM BROMIDE * 1-alpha-H,5-alpha-H-TROPANIUM, 3-alpha-HYDROXY-8-OCTYL-, BROMIDE, (- -)-TROPATE (8CI)

TOXICITY DATA AND REFERENCES:
orl-mus LD50:380 mg/kg ARZNAD 7,217,57
3F07F12F19 ipr-mus LD50:102 mg/kg OYYAA2 5,813,71
scu-mus LD50:335 mg/kg ARZNAD 7,217,57
3F12F19J25 ivn-mus LD50:8200 ug/kg OYYAA2 5,813,71

CK2990000 ATROPINIUM, 8-(p-PHENYLBENZYL)-, BROMIDE
UPDT:8406 CAS: 511-55-7 MW: 536.56 MOLFM: C30-H34-N-O3 Br
SYN: N-(p-BIPHENYLMETHYL)-ATROPINIUM BROMIDE * N,4-BIPHENYL-METHYL-dl-TROPEYL-alpha-TROPINIUMBROMIDS (German) * p-BIPHENYLMETHYL-(dl-TROPYL-alpha-TROPINIUM)BROMIDE * DENDREPAR * 4-DIPHENYLMETHYL dl-TROPYLTROPINIUM BROMIDE * 4-DIPHENYLMETHYLTROPYLTROPINIUM BROMIDE * GASTRIPON * GASTROPIN * N-399 * 8-(p-PHENYLBENZYL'ATROPINIUM BROMIDE * 1-alpha-H,5-alpha-H-TROPANIUM, 3-alpha-HYDROXY-8-(p-PHENYLBENZYL)-, BROMIDE (- -)-TROPATE * XENYTROPIUM BROMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 orl-rat TDLo:7500 mg/kg (30D pre) OYYAA2 8,533,74
1T03 orl-rat TDLo:7500 mg/kg (30D male) OYYAA2 8,533,74
1T13 orl-rat TDLo:1500 mg/kg (30D pre) OYYAA2 8,533,74
2T12T13 scu-rat TDLo:3 gm/kg (30D pre) OYYAA2 8,533,74
1T03 scu-rat TDLo:900 mg/kg (30D male) OYYAA2 8,533,74

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1880 mg/kg OYYAA2 8,533,74
* ipr-rat LD50:66 mg/kg OYYAA2 8,533,74
* scu-rat LD50:243 mg/kg OYYAA2 8,533,74
3F07F18J30 ivn-rat LD50:9400 ug/kg AIPTAK 113,1,57
* orl-mus LD50:1650 mg/kg OYYAA2 8,533,74
* ipr-mus LD50:37100 ug/kg OYYAA2 8,533,74
* scu-mus LD50:173 mg/kg OYYAA2 8,533,74
ivn-mus LD50:12 mg/kg RPOBAR 2,291,70
3F07F18J30 ivn-rbt LDLo:7 mg/kg AIPTAK 113,1,57
3F07F18J30 ipr-gpg LDLo:30 mg/kg AIPTAK 113,1,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ATROPINIUM SULFATE see: CK2450000
ATROPIN-n-OCTYLBROMID (German) see: CK2820000
ATROPINOL see: CK0700000
ATROPINSAL see: CK2450000
ATROPIN SIRAN (Czech) see: CK2450000
ATROPINSULFAT (German) see: CK2450000
ATROPISAL see: CK2450000
ATROPISOL see: CK0700000
ATROPISOL see: CK2450000
ATROPYLTROPEINE see: YM4025000
ATROQUIN see: VR3675000
ATROTON see: XY8750000
ATROVENT see: YM3700000
ATROVENT HYDRATE see: YM3701000
ATROVIS see: UE9480000
ATS 1287 see: CB9376624
AT SEFEN see: AG0430000
ATSEPHEN see: AG0430000
ATSETOZIN see: OB2275000
ATS 1287 SODIUM see: CB9376625
ATTAC 6 see: XW5250000
ATTAC 8 see: XW5250000
ATTAC 4-2 see: XW5250000
ATTAC 4-4 see: XW5250000
ATTAC 6-3 see: XW5250000

CK3432000 ATTAPULGITE
UPDT:8303

TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:200 mg/kg JJINDB 67,965,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ATTAR ROSE see: VL0457000
ATTAR of ROSE see: VL0457000
ATTAR ROSE TURKISH see: RJ3360000
ATUL ACID CRYSTAL ORANGE G see: QJ6500000
ATUL ACID CRYSTAL RED see: QK1925000
ATUL ACID GERANINE G see: QJ6030000
ATUL ACID ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
ATUL ACID SCARLET 3R see: QJ6530000
ATUL BRILLIANT OIL YELLOW G see: SM8300000
ATUL CONGO RED see: QK1400000
ATUL CRYSTAL RED F see: QK1925000
ATUL DIRECT BLACK E see: QJ6160000
ATUL DIRECT BLUE 2B see: QJ6400000
ATUL DIRECT DARK GREEN P see: QJ6195050
ATUL DIRECT RED 4B see: QK1765000
ATUL DIRECT SKY BLUE see: QJ6420000
ATUL DIRECT SKY BLUE FB see: QJ6430000
ATUL DIRECT VIOLET N see: QK1420000
ATUL FAST YELLOW R see: BX7350000
ATUL INDIGO CARMINE see: DU3000000
ATUL OIL ORANGE T see: QL5425000
ATUL OIL RED G see: QK4250000
ATUL ORANGE R see: QL4900000
ATUL SCARLET F see: QJ6530000
ATUL SUNSET YELLOW FCF see: QK2450000
ATUL TARTRAZINE see: UQ6400000

CK4440000 ATYLOSIA PLATYCARPA Benth., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

CK4500000 ATYLOSIA TRINERVIA Gamble n.c. var. MAJOR Prain., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8302

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:250 mg/kg IJEBA6 12,512,74

CK4505000 ATYLOSIA VOLUBILIS (Blanco) Gamble, extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

ATYSMAL see: WN2800000
AU 3 see: FF5250100
AUBEPINE see: BZ2625000
L'AUBIER de TILIA SYLVESTRIS (French) see: VQ1860000
L'AUBIER de TILLEUL (French) see: VQ1860000
AUBYGEL GS see: FI0700000
AUBYGUM DM see: FI0700000
AUGMENTIN see: RN6802800
AUGMENTIN (ANTIBIOTIC) see: RN6802800
AULES see: JO1400000
AULIGEN see: LQ7700000
AULINOGEN see: LQ7700000
AUNSH EXTRACT (Indian) see: XP3583930
AURAMINE see: BY3500000
AURAMINE A1 see: BY3675000
AURAMINE BASE see: BY3500000
AURAMINE CONC. SPECIALLY SOLUBLE IN SPIRIT see: BY3675000
AURAMINE EXTRA see: BY3675000
AURAMINE EXTRA CONC. A see: BY3675000
AURAMINE FA see: BY3675000
AURAMINE (FREE BASE) see: BY3500000
AURAMINE HYDROCHLORIDE see: BY3675000
AURAMINE LAKE YELLOW O see: BY3675000
AURAMINE N see: BY3675000
AURAMINE N BASE see: BY3500000
AURAMINE O see: BY3675000
AURAMINE OAF see: BY3500000
AURAMINE O BASE see: BY3500000
AURAMINE O (BIOLOGICAL STAIN) see: BY3675000
AURAMINE O EXTRA CONC. A EXPORT see: BY3675000
AURAMINE ON see: BY3675000
AURAMINE OO see: BY3675000
AURAMINE OO see: BY3500000
AURAMINE OOO see: BY3675000
AURAMINE OS see: BY3675000
AURAMINE PURE see: BY3675000
AURAMINE SP see: BY3675000
AURAMINE SS see: BY3500000
AURAMINE YELLOW see: BY3675000
AURAMYCIN A see: QI9290700
AURAMYCIN B see: QI9278500
AURANILE see: MU1400000
AURANILE see: MU1050000
AURANOFIN see: MD6500000
AURANTICA see: LK8749000
AURANTIN see: AU0700000
AUREINE see: VT5710000
AUREINE see: VT5711000
AUREMINE see: BY3500000
AUREOCICLINA see: QI7800000
AUREOCINA see: QI7750000
AUREOCYCLINE see: QI7800000
AUREOLIC ACID see: PZ2800000
AUREOMYCIN see: QI7750000
AUREOMYCIN A-377 see: QI7750000
AUREOMYCIN HYDROCHLORIDE see: QI7800000
AUREOMYKOIN see: QI7750000
AUREOTAN see: MD6475000
AUREOTHIN see: UQ0800000
AURIC CHLORIDE DIHYDRATE see: MD5425000
AURINE-TRICARBOXYLATE D'AMMONIUM (French) see: GU4800000
AURINTRICARBOXYLIC ACID AMMONIUM SALT see: GU4800000
AURIPIGMENT see: CG2638000
AURLELIC ACID see: PZ2800000
AURODOX see: QA2809000

CK8780000 AUROMOMYCIN
UPDT:8411 CAS: 70213-45-5

MUTATION DATA AND REFERENCES:
dnd-omi 100 mg/L CNREA8 39,2787,79
dnd-omi 1 mg/L CNREA8 39,2787,79
dnd-hmn:lym 500 ug/L CNREA8 44,3202,84
dni-hmn:lym 400 mg/L CNREA8 44,3202,84
dnd-mus:lym 60 ng/L/10M CNREA8 39,2787,79
dni-mus:lym 200 ng/L CNREA8 39,2787,79
oms-mus:lym 60 ug/L CNREA8 39,2787,78

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
1V30 ivn-mus LD50:3 mg/kg JANTAJ 32,330,79
AUROMYOSE see: MD6475000
AUROPAN see: CQ6125000
AURORA YELLOW see: EV3150000
AUROTAN see: MD6475000
1-AUROTHIO-D-GLUCOPYRANOSE see: MD6475000
AUROTHIOGLUCOSE see: MD6475000

CK9690000 AUROVERTIN-B
UPDT:8307 MW: 460.57 MOLFM: C25-H32-O8
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1650 ug/kg 85GDA2 5,456,81
AURUMINE see: MD6475000
AUSTAKHADUS EXTRACT (Indian) see: EH9389500
AUSTIOX see: XR2275000
AUSTRACIL see: AB6825000
AUSTRACOL see: AB6825000
AUSTRALIAN BROWN SNAKE VENOM see: YX3962400
AUSTRALIAN COLLETT'S SNAKE VENOM see: YX3961200
AUSTRALIAN DEATH ADDER SNAKE VENOM see: YX3958600
AUSTRALIAN GUM see: CE5945000
AUSTRALIAN KING COBRA SNAKE VENOM see: YX3960600
AUSTRALIAN ROUGH SCALED SNAKE VENOM see: YX3952600
AUSTRALIAN TIGER SNAKE VENOM see: YX3960400
AUSTRALOL see: SL5950000
AUSTRAPEN see: XH8350000
AUSTRAPINE see: ZG0350000
AUSTRELAPS SUPERBA VENOM see: YX3959300
AUSTRIAN CINNABAR see: OF9800000
AUSTROMINAL see: CQ6825000
AUSTROVIT PP see: QS3675000
AUTAN see: XS3675000
AUTHRON see: MD6475000
AUTOMIN see: KR6825000
AUTOMOBILE EXHAUST CONDENSATE see: LX3350000
AUXEOMYCIN see: QI7800000
AUXIETIL see: TZ0175000
AUXILSON see: TU4060000
AUXINUTRIL see: RZ2490000
AVACAN see: MB9625000
AVACAN see: MB9640000
AVADEX see: EZ8225000
AVADEX BW see: EZ8575000
AVAGAL see: BP7632500
AVANTINE see: NT8050000
AVANTYL see: HO9800000
A7 VAPAM see: FC2100000
AVARAM ROOT EXTRACT (Indian) see: FI4030000
AVATEC see: GP4000000
AVAZYME see: GC3050000
AVENACIN see: CL1089600

CL1089600 AVENACIN A
UPDT:8308 CAS: 11007-86-3 MW: 1094.39 MOLFM: C55-H83-N-O21
SYN: AVENACIN * AVENACINE * AVENACINE A
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:3 mg/kg 85GDA2 8(2),249,82
AVENACINE see: CL1089600
AVENACINE A see: CL1089600

CL1089670 AVENA FATUA Linn., extract
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

CL1089700 AVENA SATIVA Linn., extract
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: OAT EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:94 mg/kg IJEBA6 12,512,74
AVENGE see: UQ9820000
AVENTYL see: HO9800000
AVENTYL ALLEGRON see: HP0175000
AVENTYL HYDROCHLORIDE see: HP0175000
AVERMIN see: BO9000000

CL1210000 AVERRHOA CARAMBOLA Linn., extract excluding roots
DEF:Indian plant belonging to the family GERANIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77
AVERSAN see: JO1225000
AVERTIN see: KM3675000
AVERUFIN see: KC4150000
AVERUFINE see: KC4150000
AVERTIN see: KM3500000
AVERZAN see: JO1225000
AVESYL see: TZ1225000
AVIAMIDE-6 see: TQ9800000
AVIBON see: VH6750000
AVICADE see: GZ1250000
AVICOL see: SH1225000
AVICOL see: DA6650000

CL1590000 AVIDIN
UPDT:8411
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T43T46 orl-mus TDLo:50 mg/kg (1-18D preg) TJADAB 30,91,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AVIL-RETARD see: UT0175000
AVIOMARIN see: XH5082000
AVIROL 118 CONC see: WT1050000
AVISUN see: UD1842000
AVISUN 101 see: UD1842000
AVISUN 12-270A see: UD1842000
AVISUN 12-407A see: UD1842000
AVITA see: VH6750000
AVITEX C see: MM0225700
AVITEX SF see: MM0225700
AVITOL see: VH6750000
AVITROL see: US1750000
AVLOCHLOR see: VB2360000
AVLOCLOR see: VB2360000
AVLOCLOR see: VB2450000
AVLON see: AR9660000
AVLON see: AR9625000
AVLOPROCIL see: XH9450000
AVLOSULFON see: BY8925000
AVLOSULPHONE see: BY8925000
AVLOTHANE see: KI4025000
AVOCAN see: MB9625000
AVOGADRITE see: ED2800000
AVOLIN see: TI1575000
AVOMINE see: SO6825000
AVON GREEN A-4379 see: BP6825000
AV00 see: BD0330000
AV000 see: BD0330000
AVOSYL see: TZ1225000
AVOXIL see: TZ1225000
AVOXYL see: TZ1225000
AVT see: RS7534500
AW-14'2333 see: HO2840000
AWELYSIN see: OB8880000
AWPA #1 see: GF8615000
A. XANTHOGRAMMICA TOXIN see: XW5872000
AXEEN see: CP8575000
AXEROPHTHAL see: VH6407000
AXEROPHTHOL see: VH6750000
AXIOM see: TE7525000
AXM see: MA5075000
AXURIS see: BO9000000
A-399-Y4 see: UY9100000
AY-5406 see: DD2800000
AY-6108 see: XH8350000
AY 8682 see: HO7878000
AY 9944 see: GU7025000
AY-11483 see: JF7952000
A15104 Y see: SL0537000
AY 21011 see: AE4222000
AY 22284 see: DE4080500
AY-22,352 see: JH6960000
AY 22389 see: VE6250000
AY 24034 see: OK6372000
AY 24910 see: WF8751700
AY-25,205 see: OK6420000
AY-25,329 see: SN7700000
AY 5406-1 see: DD2800000
AY-57,062 see: OB2275000
AY-61122 see: EC1490000
AY 61123 see: UE9480000
AY-62014 see: HP0350000
AY-62022 see: TU3832300
AY 64043 see: UB7525000
AY 64043 see: UB7500000
AY 11483-16 see: JF7952000
AYAA see: AK0920000
AYAF see: AK0920000
AYAR EXTRACT (Indian) see: OL3519700
AYERMATE see: TZ0175000
AYERST 62013 see: XF0700000
AYFACTIN see: RW5690000

CL5050000 AYFACTIN A
UPDT:8308 CAS: 62851-47-2 MW: 461.61 MOLFM: C25-H35-N-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 ug/kg 85FZAT -,163,67

CL5050100 AYFACTIN B
UPDT:8308 CAS: 62851-46-1 MW: 461.61 MOLFM: C25-H35-N-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 ug/kg 85FZAT -,163,67
AYFIVIN see: CP0175000
AYJV see: AK0920000
AY 136155 see: TU3832300

CL5133000 AYUSH-47
DEF:An Indian indigenous preparation containing equal parts of the bark of SARACA INDICA,AREca CATECHU, COCCUS LACCA, GOLD and SUGAR (IJMRAQ 70,504,79)
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:12500 ug/kg (1-5D preg) IJMRAQ 70,504,79
1T35 orl-rat TDLo:25 mg/kg (1-5D preg) IJMRAQ 70,504,79
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:200 mg/kg IJMRAQ 70,504,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AZ 43 see: CM4398000
AZ 45 see: CM4313440
AZ 55 see: MF0236000
AZ 57 see: CM4311230
AZ 59 see: CM4300400
AZ 68 see: MF3685800
AZ 69 see: ME8927000
AZ 71 see: MF1150070
AZ 73 see: SN5720000
AZ 92 see: ME8517000
AZ 93 see: MF6740000
AZ 95 see: MF6500000
AZ 96 see: MF3693000
AZ 101 see: MF0243000
AZ 106 see: MF0235000
AZ 122 see: MF3690200
AZ 123 see: MF0234000

CL5200000 5-alpha-4-AZAANDROSTANE-17-beta-CARBOXAMIDE, N,N-DIETHYL-4-METHYL-3-OXO-
UPDT:8401 CAS: 73671-86-0 MW: 388.66 MOLFM: C24-H40-N2-O2
SYN: 17-beta-N,N-DIETHYLCARBAMOYL-4-METHYL-4-AZA-5-alpha-ANDROSTAN-3-ONE * N,N-DIETHYL 4-METHYL-3-OXO-5-alpha-4-AZAANDROSTANE-17-beta-CARBOXAMIDE * 4-MA
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 scu-rat TDLo:2100 mg/kg (14D male) PSEBAA 169,67,82
1T03 scu-rat TDLo:700 mg/kg (14D male) PSEBAA 169,67,82
1T53 scu-rat TDLo:135 mg/kg (13-21D preg) PSEBAA 169,67,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

9-AZAANTHRACENE see: AR7175000
10-AZAANTHRACENE see: AR7175000
5-AZA-10-ARSENAANTHRACENE CHLORIDE see: SG0680000
7-AZABENZ(a)ANTHRACENE see: CU2700000
12-AZABENZ(a)ANTHRACENE see: CU2975000
AZABENZENE see: UR6400000
3-AZABENZONITRILE see: QT7700000
10-AZABENZO(a)PYRENE-4,5-OXIDE see: SP6126000
AZABICYCLANE CITRATE see: CL5495000
3-AZABICYCLO(3.1.0)HEXANE-2,4-DIONE, 3-(3,5-DICHLOROPHENYL)-1,5-DIMETHYL- see: GZ2150000
9-AZABICYCLO(3.3.1)NONANE, 9-(alpha-CHLORO-alpha-PHENYLBENZYLCARBONYLOXY)- see: CL5493000

CL5491700 9-AZABICYCLO(3.3.1)NONANE-9-ETHANOL, BENZILATE (ester), HYDROCHLORIDE
UPDT.8311 MW: 416.00 MOLFM: C24-H29-N-O3 Cl-H
SYN: BENZILATE ESTER of N-(beta-HYDROXYETHYL)NORGRANATANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:25 mg/kg CSLNX* NSC#10919

CL5493000 9-AZABICYCLO(3.3.1)NONANE, 9-(2-HYDROXYETHYL)-, DIPHENYLCHLOROACETATE
UPDT.8406 MW: 397.98 MOLFM: C24-H28-Cl-N-O2
SYN: 9-AZABICYCLO(3.3.1)NONANE, 9-(alpha-CHLORO-alpha-PHENYLBENZYLCARBONYLOXY)- * 9-(2-HYDROXYETHYL)-9-AZABICYCLO(3.3.1)NONANE DIPHENYLCHLOROACETATE * N-(omega-HYDROXYETHYL)-NORGRANATAN-alpha-CHLORO-alpha-DIPHENYLACETYL ESTER (German) * KSD 2405
TOXICITY DATA AND REFERENCES:
scu-mus LD50:640 mg/kg ARZNAD 15,857,65

CL5495000 3-AZABICYCLO(3.3.1)NONANE, 9-METHOXY-3-METHYL-9-PHENYL-, CITRATE (1:1), stereoisomer
UPDT.8407 CAS: 21650-02-2 MW: 437.54 MOLFM: C16-H23-N-O, C6-H8-O7
SYN: AZABICYCLANE CITRATE * 4-beta-METHOXY-1-METHYL-4-alpha-PHENYL-3-alpha,3-alpha-KROPANOPIPERIDINE HYDROGEN CITRATE * 9-beta-METHOXY-9-alpha-PHENYL-3-METHYL-3-AZABICYCLO(3.3.1)NONANE CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 ipr-rat TDLo:12 mg/kg (9-14D preg) IYKEDH 3,195,72
2T35T46 ipr-mus TDLo:24 mg/kg (7-12D preg) IYKEDH 3,195,72
1T34 ipr-mus TDLo:120 mg/kg (7-12D preg) IYKEDH 3,195,72
TOXICITY DATA AND REFERENCES:
3D16F29H02 scu-rat LD50:130 mg/kg TXAPA9 17,344,70
3D16F29H02 orl-mus LD50:300 mg/kg TXAPA9 17,344,70
3D16F29H02 scu-mus LD50:200 mg/kg TXAPA9 17,344,70
3D16F29H02 ivn-mus LD50:56 mg/kg TXAPA9 17,344,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CL5568500 3-AZABICYCLO(3.3.1)NONAN-9-OL, 3-BUTYL-7-METHYL-9-PHENYL-6-(1-PYRROLIDINYL)-
UPDT.8306 MW: 356.61 MOLFM: C23-H36-N2-O
SYN: 3-BUTYL-7-METHYL-9-PHENYL-6-(1-PYRROLIDINYL)-3-AZABICYCLO(3.3.1)NONAN-9-OL
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg JJPAAZ 21,811,71

CL5569000 3-AZABICYCLO(3.3.1)NONAN-9-OL, 3,7-DIMETHYL-6-(1-PYRROLIDINYL)-
UPDT.8306 MW: 288.42 MOLFM: C18-H28-N2-O
SYN: 3,7-DIMETHYL-6-PYRROLIDINE-9-HYDROXY-3-AZABICYCLO(3.3.1)NONANE * 3,7-DIMETHYL-6-(1-PYRROLIDINYL)-3-AZABICYCLO(3.3.1)NONAN-9-OL * Y-3310
TOXICITY DATA AND REFERENCES:
1N22 orl-rat LD50:500 mg/kg JJPAAZ 21,811,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CL5569200 3-AZABICYCLO(3.3.1)NONAN-9-OL, 3,7-DIMETHYL-6-(1-PYRROLIDINYL)-9-(p-TOLYL)-
UPDT.8306 MW: 328.55 MOLFM: C21-H32-N2-O
SYN: 3,7-DIMETHYL-6-(1-PYRROLIDINYL)-9-(p-TOLYL)-3-AZABICYCLO(3.3.1)NONAN-9-OL
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg JJPAAZ 21,811,71

CL5591400 3-AZABICYCLO(3.3.1)NONAN-9-OL, 7-METHYL-3-PHENETHYL-6-(1-PYRROLIDINYL)-
UPDT.8306 MW: 328.55 MOLFM: C21-H32-N2-O
SYN: 7-METHYL-3-PHENETHYL-6-(1-PYRROLIDINYL)-3-AZABICYCLO(3.3.1)NONAN-9-OL
TOXICITY DATA AND REFERENCES:
1A11 orl-rat LDLo:100 mg/kg JJPAAZ 21,811,71

CL5595100 1-AZABICYCLO(4.2.0)OCTANE, (R)-
UPDT.8411 CAS: 35848-09-0 MW: 231.31 MOLFM: C17-H13-N
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:52 mg/kg FATOAO 46(4),57,83

CL5595500 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, N-CYCLOHEXYL-2,4-DIOXO-1,8,8-TRIMETHYL-
UPDT.8411 MW: 320.48 MOLFM: C18-H28-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:640 mg/kg YKKZAJ 84,918,64

CL5595600 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, N-CYCLOPENTYL-2,4-DIOXO-1,8,8-TRIMETHYL-
UPDT.8411 MW: 306.45 MOLFM: C17-H26-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:146 mg/kg YKKZAJ 84,918,64

CL5595700 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, N,N-DIALLYL-2,4-DIOXO-1,8,8-TRIMETHYL-
UPDT.8412 MW: 318.46 MOLFM: C18-H26-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:250 mg/kg YKKZAJ 84,918,64

CL5595800 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, N,N-DIETHYL-2,4-DIOXO-alpha,1,8,8-TETRAMETHYL-
UPDT.8411 MW: 308.47 MOLFM: C17-H28-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg YKKZAJ 84,918,64

CL5595900 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, N,N-DIETHYL-2,4-DIOXO-1,8,8-TRIMETHYL-
UPDT.8411 MW: 294.44 MOLFM: C16-H26-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:410 mg/kg YKKZAJ 84,918,64

CL5596000 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, 2,4-DIOXO-N-ETHYL-1,8,8-TRIMETHYL-
UPDT.8411 MW: 266.38 MOLFM: C14-H22-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:490 mg/kg YKKZAJ 84,918,64

CL5596100 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, 2,4-DIOXO-N,N,alpha,1,8,8-HEXAMETHYL-
UPDT.8411 MW: 280.41 MOLFM: C15-H24-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:415 mg/kg YKKZAJ 84,918,64

CL5596200 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, 2,4-DIOXO-N,N,1,8,8-PENTAMETHYL-
UPDT.8411 MW: 266.38 MOLFM: C14-H22-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:760 mg/kg YKKZAJ 84,918,64

CL5596300 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, 2,4-DIOXO-N-PHENETHYL-1,8,8-TRIMETHYL-
UPDT.8411 MW: 342.48 MOLFM: C20-H26-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:510 mg/kg YKKZAJ 84,918,64

CL5596400 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, 2,4-DIOXO-N-2-PYRIDYL-1,8,8-TRIMETHYL-
UPDT.8412 MW: 315.41 MOLFM: C17-H21-N3-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:350 mg/kg YKKZAJ 84,918,64

CL5596500 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, 2,4-DIOXO-alpha,1,8,8-TETRAMETHYL-
UPDT.8411 MW: 252.35 MOLFM: C13-H20-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:830 mg/kg YKKZAJ 84,918,64

CL5596600 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, 2,4-DIOXO-N,1,8,8-TETRAMETHYL-
UPDT.8411 MW: 252.35 MOLFM: C13-H20-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1 gm/kg YKKZAJ 84,918,64

CL5596700 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, 2,4-DIOXO-1,8,8-TRIMETHYL-
UPDT.8411 MW: 238.32 MOLFM: C12-H18-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1490 mg/kg YKKZAJ 84,918,64

CL5596800 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, N,N,alpha,1,8,8-HEXAMETHYL-, HYDROCHLORIDE
UPDT.8412 MW: 288.91 MOLFM: C15-H28-N2-O Cl-H
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:325 mg/kg YKKZAJ 84,918,64

CL5596900 3-AZABICYCLO(3.2.1)OCTANE-3-ACETAMIDE, N,N,1,8,8-PENTAMETHYL-, HYDROCHLORIDE
UPDT.8412 MW: 274.88 MOLFM: C14-H26-N2-O Cl-H
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:246 mg/kg YKKZAJ 84,918,64

CL5597000 3-AZABICYCLO(3.2.1)OCTANE-3-ACETANILIDE, 2,4-DIOXO-1,8,8-TRIMETHYL-
UPDT.8411 MW: 314.42 MOLFM: C18-H22-N2-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:390 mg/kg YKKZAJ 84,918,64

CL5597100 3-AZABICYCLO(3.2.1)OCTANE-3-ACETIC ACID, 2,4-DIOXO-1,8,8-TRIMETHYL-
UPDT.8411 MW: 239.30 MOLFM: C12-H17-N-O4
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1300 mg/kg YKKZAJ 84,918,64

CL5597200 3-AZABICYCLO(3.2.1)OCTANE-3-ACETIC ACID, 1,8,8-TRIMETHYL-, ETHYL ESTER, HYDROCHLORIDE
UPDT.8412 MW: 275.86 MOLFM: C14-H25-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:250 mg/kg YKKZAJ 84,918,64

CL5597300 3-AZABICYCLO(3.2.1)OCTANE, 3-(p-AMINOBENZOYL)-1,8,8-TRIMETHYL-, HYDROCHLORIDE, HYDRATE (2:2:1)
UPDT.8411 MW: 317.86 MOLFM: C17-H24-N2-O Cl-H 1/2H2O
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:157 mg/kg YKKZAJ 84,918,64

CL5597400 3-AZABICYCLO(3.2.1)OCTANE, 3-(p-AMINOBENZYL)-1,8,8-TRIMETHYL-, DIHYDROCHLORIDE
UPDT.8411 MW: 331.37 MOLFM: C17-H26-N2-2Cl-H
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:104 mg/kg YKKZAJ 84,918,64

CL5597500 3-AZABICYCLO(3.2.1)OCTANE, 3-(p-AMINOPHENETHYL)-1,8,8-TRIMETHYL-, DIHYDROCHLORIDE
UPDT.8411 MW: 345.40 MOLFM: C18-H28-N2-2Cl-H
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:267 mg/kg YKKZAJ 84,918,64

CL5602200 3-AZABICYCLO(3.2.1)OCTANE, 3-BENZYL-1,8,8-TRIMETHYL-, HYDROCHLORIDE
UPDT.8411 MW: 279.89 MOLFM: C17-H25-N-Cl-H
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:225 mg/kg YKKZAJ 84,918,64

CL5602900 3-AZABICYCLO(3.2.1)OCTANE-3-CARBOXAMIDE, N-ETHYL-1,8,8-TRIMETHYLTHIO-
UPDT.8411 MW: 240.45 MOLFM: C13-H24-N2-S
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:238 mg/kg YKKZAJ 84,918,64

CL5602950 3-AZABICYCLO(3.2.1)OCTANE-3-CARBOXAMIDE, N,1,8,8-TETRAMETHYLTHIO-
UPDT.8411 MW: 226.42 MOLFM: C12-H22-N2-S
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:198 mg/kg YKKZAJ 84,918,64

CL5603300 3-AZABICYCLO(3.2.1)OCTANE, 3-(p-CHLOROBENZYL)-1,8,8-TRIMETHYL-, HYDROCHLORIDE
UPDT.8411 MW: 314.33 MOLFM: C17-H24-Cl-N-Cl-H
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:205 mg/kg YKKZAJ 84,918,64

CL5610100 3-AZABICYCLO(3.2.1)OCTANE, 3-(N,N-DIMETHYLALANYL)-1,8,8-TRIMETHYL-
UPDT.8411 MW: 252.45 MOLFM: C15-H28-N2-O
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:150 mg/kg YKKZAJ 84,910,64

CL5610200 3-AZABICYCLO(3.2.1)OCTANE, 3-(N,N-DIMETHYLGLYCYL)-1,8,8-TRIMETHYL-
UPDT.8411 MW: 238.42 MOLFM: C14-H26-N2-O
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:166 mg/kg YKKZAJ 84,918,64

CL5615550 3-AZABICYCLO(3.2.1)OCTANE-2,4-DIONE, 3-(4-(DIETHYLAMINO)-2-BUTYNYL)-1,8,8-TRIMETHYL-
UPDT.8411 CAS: 49832-48-6 MW: 304.48 MOLFM: C18-H28-N2-O2
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg CHTPBA 8,281,73

CL5615600 3-AZABICYCLO(3.2.1)OCTANE-2,4-DIONE, 3-(4-(1-PIPERIDINYL)-2-BUTYNYL)-1,8,8-TRIMETHYL-
UPDT.8411 CAS: 49832-50-0 MW: 316.49 MOLFM: C19-H28-N2-O2

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg CHTPBA 8,281,73

CL5615650 3-AZABICYCLO(3.2.1)OCTANE-2,4-DIONE, 3-(4-(1-PYRROLIDINYL)-2-BUTYNYL)-1,8,8-TRIMETHYL-
UPDT:8411 CAS: 49832-49-7 MW: 302.46 MOLFM: C18-H26-N2-O2

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg CHTPBA 8,281,73

8-AZABICYCLO(3.2.1)OCTANE, 3-(DIPHENYLMETHOXY)-8-ETHYL-, endo- see: RD0525000

CL5627600 1-AZABICYCLO(2.2.2)OCTANE-3-METHANOL, alpha,alpha-BIS(2-METHYLPHENYL)-, HYDROCHLORIDE
UPDT:8402 CAS: 57734-70-0 MW: 357.96 MOLFM: C22-H27-N-O-Cl-H
SYN: BICARPHEN * BICARPHEN * alpha,alpha-BIS(2-METHYLPHENYL)-1-AZABICYCLO(2.2.2)OCTANE-3-METHANOL HYDROCHLORIDE * 3-QUINUCLIDINEMETHANOL, alpha,alpha-DI-o-TOLYL-, HYDROCHLORIDE * (QUINUCLIDYL-3)-DI-(o-TOLYL)CARBINOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:530 mg/kg PCJOAU 16,796,82

CL5629500 2-AZABICYCLO(2.2.2)OCTANE, 2-(3-(5-METHYL-1,3,4-OXADIAZOL-2-YL)-3,3-DIPHENYLPROPYL)-
UPDT:8310 CAS: 57726-65-5 MW: 387.57 MOLFM: C25-H29-N3-O
SYN: 2-(3,3-DIPHENYL-3-(5-METHYL-1,3,4-OXADIAZOL-2-YL)PROPYL-2-AZABICYCLO(2.2.2)OCTANE * 2-(3-(5-METHYL-1,3,4-OXADIAZOL-2-YL)-3,3-DIPHENYLPROPYL)-2-AZABICYCLO(2.2.2)OCTANE * NUFENOXOLE * SC-27166 * SEARLE 27166

TOXICITY DATA AND REFERENCES:
3F25F29K14 ivn-rat LD50:21 mg/kg JPETAB 210,327,79
3F11F12F17 orl-mus LD50:399 mg/kg NICHAS 38,1621,79
3F11F12F17 ipr-mus LD50:95 mg/kg NICHAS 38,1621,79
3F11F12F17 scu-mus LD50:258 mg/kg NICHAS 38,1621,79
3F11F12F17 ivn-mus LD50:12 mg/kg NICHAS 38,1621,79

CL5632000 3-AZABICYCLO(3.2.1)OCTANE, 3-(p-NITROBENZOYL)-1,8,8-TRIMETHYL-
UPDT:8411 MW: 302.41 MOLFM: C17-H22-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:168 mg/kg YKKZAJ 84,918,64

CL5633000 3-AZABICYCLO(3.2.1)OCTANE, 3-PHENETHYL-1,8,8-TRIMETHYL-, HYDROCHLORIDE
UPDT:8411 MW: 293.92 MOLFM: C18-H27-N-Cl-H

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:235 mg/kg YKKZAJ 84,918,64

CL5634000 3-AZABICYCLO(3.2.1)OCTANE, 3-(4-(1-PIPERIDINYL)-2-BUTYNYL)-1,8,8-TRIMETHYL-
UPDT:8412 CAS: 49832-53-3 MW: 288.53 MOLFM: C19-H32-N2

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg CHTPBA 8,281,73

CL5636000 3-AZABICYCLO(3.2.1)OCTANE-3-PROPIONAMIDE, 2,4-DIOXO-N,N,1,8,8-PENTAMETHYL-
UPDT:8411 MW: 280.41 MOLFM: C15-H24-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg YKKZAJ 84,918,64

CL5637000 3-AZABICYCLO(3.2.1)OCTANE, 3-(2-(2-PYRIDYLAMINO)ETHYL)-1,8,8-TRIMETHYL-, HYDROCHLORIDE, HYDRATE (1:3:1)
UPDT:8411 MW: 400.87 MOLFM: C17-H27-N3-3Cl-H2-O

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:66 mg/kg YKKZAJ 84,918,64

CL5638000 3-AZABICYCLO(3.2.1)OCTANE, 3-(4-(1-PYRROLIDINYL)-2-BUTYNYL)-1,8,8-TRIMETHYL-
UPDT:8412 CAS: 49832-52-2 MW: 274.50 MOLFM: C18-H30-N2

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg CHTPBA 8,281,73

AZACITIDINE see: XZ3017500
AZACOSTEROL DIHYDROCHLORIDE see: BV8225000
AZACOSTEROL HYDROCHLORIDE see: BV8225000
AZACTAM see: UA2451400 PROPANOIC ACID, 2-(((1-(2-AMINO-4-THIAZOLYL)-2-((2-METHYL-4-OXO-1-SULFO-3-AZETIDINYL)AMINO)- 2-OXOETHYLIDENE)AMINO)OXY)-2-METHYL-, (2S-(2-alpha,3-beta(Z)))-
AZACTAM DISODIUM see: UA2451500
AZACYCLONEPTANE see: CM3150000
1-AZACYCLONEPTANE see: CM3150000
2-AZACYCLONEPTANONE see: CM3675000
AZACYCLONEXANE see: TM3500000
AZACYCLONOL, HYDROCHLORIDE see: TN0925000
AZACYCLONONAN-2-ONE see: CM4830000
2-AZACYCLONONANONE see: CN4830000
AZACYCLOOCTAN-2-ONE see: CN4810000
2-AZALCYCLOOCTANONE see: CN4810000
beta-1-AZACYCLOOCTYLETHYLGUANIDINE SULFATE see: MF3240000
1-AZA-7,4-CYCLOPENTADIENE see: UX9275000
AZACYCLOPENTANE see: UX9650000
AZACYCLOPROPANE see: KX5075000

CL6900000 AZACYCLOTRIDECANE, 1-NITROSO-
UPDT:8406 CAS: 40580-89-0 MW: 212.38 MOLFM: C12-H24-N2-O
SYN: N-NITROSO-1-AZACYCLOTRIDECANE * N-NITROSODODECAMETHYLENEIMINE * NITROSODODECAMETHYLENIMINE * N-NITROSODODECAMETHYLENIMINE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 67,21,79
mma-esc 7500 umol/L IAPUDO 41,543,82

TUMORIGENIC DATA AND REFERENCES:
3V01G60J60 orl-rat TDLo:1040 mg/kg/1Y-I CRNGDP 5,537,84
3V03K60L60 orl-mus TDLo:2500 mg/kg 52W-I IJCNAW 11,369,73
3V01G60J60 orl-rat TD :1300 mg/kg 1Y-I CRNGDP 5,537,84
3V01G60L60 orl-rat TD :3440 mg/kg 64W-I CRNGDP 5,537,84
2V03L60 orl-rat TD :12 gm/kg/50W-I EESADV 2,407,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AZACYTIDINE see: XZ3017500
5-AZACYTIDINE see: XZ3017500
5'-AZACYTIDINE see: XZ3017500
5-AZADEOXYCYTIDINE see: XZ3012000
5-AZA-2'-DEOXYCYTIDINE see: XZ3012000
dextro-9-AZA-DES-N-MORPHINAN see: UC3918000
levo-9-AZA-DES-N-MORPHINAN see: UC3917000
9-AZA-DES-N-MORPHINAN see: UC3916000
7-AZADIPENZ(a,h)ANTHRACENE see: HN0875000
7-AZADIBENZ(a,j)ANTHRACENE see: HN1050000
14-AZADIBENZ(a,j)ANTHRACENE see: HN1225000
7-AZA-7H-DIBENZO(c,g)FLUORENE see: HO5600000
AZADIENO see: ZF0A80000

CL7615500 AZADIRACHTA INDICA A. Juss., seed extract
DEF: Indian plant belonging to the family MELIACEAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:681 mg/kg IJEBA6 18,594,80

9-AZAFLUORENE see: FE3150000

CL7618500 2-AZA-8-GERMASPIRO(4.5)DECANE-2-PROPANAMINE, 8,8-DIETHYL-N,N-DIMETHYL, DIHYDROCHLORIDE
UPDT:8403 CAS: 61994-27-7 MW: 414.06 MOLFM: C17-H36-Ge-N2-2Cl-H
SYN: 8,8-DIETHYL-N,N-DIMETHYL-2-AZA-8-GERMASPIRO(4.5)DECANE-2-PROPANAMINE DIHYDROCHLORIDE * NSC 190965 * SPIRO 32 * SPIROGERMANIUM DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F17J22 ivn-mus LD50:41500 ug/kg NTIS** PB264-117
3F12P01P30 ims-mus LD50:119 mg/kg CTRRDO 64,1207,80
3F11F12J22 ivn-dog LDLo:40 mg/kg CTRRDO 64,1207,80
3F12F15U01 ims-dog LDLo:40 mg/kg CTRRDO 64,1207,80

8-AZAGUANINE see: XZ6157000
AZAGUANINE see: XZ6157000

CL8018000 17α-AZA-D-HOMOANDROSTAN-17-ONE, 3-(((4-(*IS(2-CHLOROETHYL)AMINO)PHENYL)ACETYL)OXY)-, (3-beta,5-alpha)-
UPDT:8311 CAS: 43000-65-3 MW: 563.67 MOLFM: C31-H44-Cl2-N2-O3
SYN: ASE * HOMO-AZA-STEROIDAL ESTER of p-BIS(2-CHLOROETHYL)AMINOPHENYL ACETIC ACID * N-5 90205

MUTATION DATA AND REFERENCES:
cyt-ham:ovr 25 ug/L ENMUDM 5,279,83
sce-ham:ovr 75 ug/L ENMUDM 5,279,83

CL8020000 17-AZA-D-HOMOPREGN-4-EN-3,20-DIONE, 21-CHLORO-
UPDT:8401 MW: 363.97 MOLFM: C21-H30-Cl-N-O2
SYN: 21-CHLORO-17-AZA-D-HOMOPREGN-4-EN-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-AZAHYPOXANTHINE see: NJ6150000
1-AZAINDENE see: NL2450000
3-AZAINDOLE see: DD5425000
AZALOMYCIN M see: QT6825000
AZALONE see: NJ2000000
AZAMETHONE see: BR8050000
AZAMETHONIUM BROMIDE see: BR8050000
AZAMETON see: BR8050000
AZAMIN 48 see: QK1765000
AZAN see: XZ6157000
1-AZANAPHTHALENE see: VA9275000
2-AZANAPHTHALENE see: NW6825000
AZANIDAZOLE see: UV6261500
AZANIL RED SALT TRD see: XU5250000
AZANIN see: UO8925000

CL9470000 8-AZA-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-(CYCLOPENTYLOXY)-
UPDT:8405 CAS: 29199-51-7 MW: 365.56 MOLFM: C24-H31-N-O2
SYN: 8-AZA-19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-(CYCLOPENTYLOXY)-, (17 alpha)- (9CI) * 8-AZAQUINESTROL * 3-(CYCLOPENTYLOXY)-8-AZA-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rat TDLo:600 ug/kg (30D pre) JRPFA4 22,49,70
1T22 orl-rat TDLo:150 ug/kg (30D pre) JRPFA4 22,49,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

8-AZA-19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-(CYCLOPENTYLOXY)-, (17-alpha)- (9CI) see: CL9470000
3-AZAPENTANE-1,5-DIAMINE see: IE1225000
AZAPERONE see: EU4550000
AZAPETINE PHOSPHATE see: HN7525000
1-AZAPHENANTHRENE see: DK1428000
4-AZAPHENANTHRENE see: DK1432000
9-AZAPHENANTHRENE see: SF7928000
5-AZAPHENANTHRENE see: SF7928000
AZAPLANT see: XZ3850000
AZAPLANT KOMBI see: XZ3850000
AZAPROPAZON (German) see: UQ9835000
AZAPROPAZON DIHYDRAT (German) see: UQ9840000
AZAPROPAZONE see: UQ9840000
AZAPROPAZONE (ANHYDROUS) see: UQ9835000
8-AZAQUINESTROL see: CL9470000
AZARIBINE see: XY8577000
AZARYLALDENYDE see: CU8460000
AZASERINE see: VT9625000
L-AZASERINE see: VT9625000

CL9908000 2-AZASPIRO(4.5)DECANE-1,3-DIONE, 2-ALLYL-
UPDT:8308 MW: 207.30 MOLFM: C12-H17-N-O2
SYN: 2-ALLYL-2-AZASPIRO(4.5)DECANE-1,3-DIONE

TOXICITY DATA AND REFERENCES:
2A11F13 ipr-rat LD50:125 mg/kg JMCMAR 7,78,64

CL9930000 2-AZASPIRO(4.5)DECANE, 2-DODECYL-, HYDROCHLORIDE
UPDT:8308 MW: 344.09 MOLFM: C21-H41-N-Cl-H
SYN: 2-DODECYL-2-AZASPIRO(4.5)DECANE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2A11F13 ipr-rat LD50:200 mg/kg JMCMAR 7,78,64

CM0167000 2-AZASPIRO(4.4)NONANE, 2-ALLYL-, HYDROCHLORIDE
UPDT:8308 MW: 201.77 MOLFM: C11-H19-N-Cl-H
SYN: 2-ALLYL-2-AZASPIRO(4.4)NONANE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2A11F13 ipr-rat LD50:75 mg/kg JMCMAR 7,78,64

CM0167200 2-AZASPIRO(4.4)NONANE-1,3-DIONE, 2-PROPYL-
UPDT:8308 MW: 195.29 MOLFM: C11-H17-N-O2
SYN: 2-PROPYL-2-AZASPIRO(4.4)NONANE-1,3-DIONE

TOXICITY DATA AND REFERENCES:
3F11F25J22 ipr-rat LD50:400 mg/kg JMCMAR 7,78,64

CM0167250 2-AZASPIRO(4.4)NONANE-1,3-DIONE, 2-(2-PROPYNYL)-
UPDT:8308 MW: 191.23 MOLFM: C11-H13-N-O2
SYN: 2-(2-PROPYNYL)-2-AZASPIRO(4.4)NONANE-1,3-DIONE

TOXICITY DATA AND REFERENCES:
2F07F25 ipr-rat LD50:400 mg/kg JMCMAR 7,78,64

CM0227000 3-AZASPIRO(5.5)UNDECANE, 3-(2,6-DIAMINO-4-PYRIMIDINYL)-, 1'-OXIDE, DIHYDROCHLORIDE
UPDT:8303 MW: 350.34 MOLFM: C14-H23-N5-O-2Cl-H
SYN: 3-(2,6-DIAMINO-4-PYRIMIDINYL)-3-AZASPIRO(5.5)UNDECANE-1'-OXIDE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg BCFAAI 121,16,82

CM0229000 3-AZASPIRO(5.5)UNDECANE, 3-(DIMETHYLAMINO)-, HYDROCHLORIDE
UPDT:8308 MW: 232.84 MOLFM: C12-H24-N2-Cl-H
SYN: 3-(DIMETHYLAMINO)-3-AZASPIRO(5.5)UNDECANE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3A11F08F13 ipr-rat LD50:150 mg/kg JMCMAR 7,78,64

CM0232000 2-AZASPIRO(4.6)UNDECANE-1,3-DIONE, 2-ALLYL-
UPDT:8309 MW: 221.33 MOLFM: C13-H19-N-O2

BEST COPY AVAILABLE

SYN: 2-ALLYL-2-AZASPIRO(4.6)UNDECANE-1,3-DIONE
TOXICITY DATA AND REFERENCES:
3A11E05F13 ipr-rat LD50:300 mg/kg JMCMAR 7,78,64

CM0232100 3-AZASPIRO(5.5)UNDECANE-2,4-DIONE, 3-ALLYL-
UPDT:8308 MW: 221.33 MOLFM: C13-H19-N-O2
SYN: 3-ALLYL-3-AZASPIRO(5.5)UNDECANE-2,4-DIONE
TOXICITY DATA AND REFERENCES:
2A11F13 ipr-rat LD50:250 mg/kg JMCMAR 7,78,64

AZASTENE see: BV7992000
AZASTEROL see: BV8225000
AZATADINE DIMALEATE see: DE8025500
AZATADINE MELEATE see: DE8025500
AZATHIOPRINE see: UO8925000
AZATHIOPRINE and PREDNISONE see: UO8925200
6-AZATHYMINE see: XY8050000
AZATIOPRIN see: UO8925000
AZATRYPTOPHAN see: UY8810000
7-AZATRYPTOPHAN see: UY8810000
4(6)-AZAURACIL see: XY7700000
6-AZAURACIL see: XY7700000
6-AZAURACILRIBOSIDE see: XY8575000
6-AZAURACIL-beta-D-RIBOSIDE see: XY8575000
AZAURIDINE see: XY8575000
6-AZAURIDINE see: XY8575000
AZDEL see: UD1842000
AZDID see: UQ8225000

CM1980000 AZELAIC ACID
UPDT:8404 CAS: 123-99-9 MW: 188.25 MOLFM: C9-H16-O4
SYN: ANCHOIC ACID * AZELAIC ACID, TECHNICAL GRADE * EMEROX 1110 * EMEROX 1144 * HEPTANEDICARBOXYLIC ACID * 1,7-HEPTANEDICARBOXYLIC ACID * LEPARGYLIC ACID * NONANEDIOIC ACID
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD EMERY* 538,-,64
eye-rbt 3 mg MLD EMERY* 538,-,64
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 256
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

CM2100000 AZELAIC ACID, DIHEXYL ESTER
UPDT:8408 CAS: 109-31-9 MW: 356.61 MOLFM: C21-H40-O4
SYN: DnHA * DI-n-HEXYL AZELATE * NONANEDIOIC ACID, DIHEXYL ESTER * PLASTOLEIN 9050 * PLASTOLEIN 9051 * PLASTOLEIN 9051 DNHZ
TOXICITY DATA AND REFERENCES:
orl-rat LD50:16 gm/kg AIHAAP 30,470,69
orl-mus LDLo:15 gm/kg 34ZIAG -,226,69
orl-rbt LDLo:1000 mg/kg 34ZIAG -,226,69
orl-gpg LDLo:6000 mg/kg TXAPA9 4,247,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
AZELAIC ACID, TECHNICAL GRADE see: CM1980000
AZEPERONE see: EU4550000

CM2625000 1H-AZEPINE-1-CARBOTHIOIC ACID, HEXAHYDRO-, S-ETHYL ESTER
UPDT:8406 CAS: 2212-67-1 MW: 187.33 MOLFM: C9-H17-N-O-S
SYN: S-AETHYL-N-HEXAHYDRO-1H-AZEPINTHIOLCARBAMAT (German) * S-ETHYL HEXAHYDRO-1H-AZEPINE-1-CARBOTHIOATE * ETHYL 1-HEXAMETHYLENEIMINECARBOTHIOLATE * S-ETHYL 1-HEXAMETHYLENEIMINOTHIOCARBAMATE * FELAN * HYDRAM * JALAN * MOLINATE * MOLMATE * ORDRAM * R-4572 * STAUFFER R-4,572 * S-ETHYL-N-HEXAMETHYLENETHIOCARBAMATE * YALAN * YULAN
MUTATION DATA AND REFERENCES:
cyt-hmn:lym 20 ug/L CYGEDX 11(4),62,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ihl-rat TCLo:640 ug/m3/6H (20D male) TOXID9 4,80,84
1T23 ihl-rat TCLo:600 ug/m3/6H (20D male) TOXID9 4,80,84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:501 mg/kg WRPCA2 9,119,70
3D17D24F07 scu-rat LD50:1167 mg/kg VRDEA5 (1),119,69
unk-rat LD50:720 mg/kg 30ZDA9 -,210,71
3D17D24F07 orl-mus LD50:530 mg/kg VRDEA5 (1),119,69
° skn-rbt LD50:3536 mg/kg FMCHA2 -,C173,83
° unk-mam LD50:720 mg/kg GISAAA 45(5),29,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM2626000 1H-AZEPINE-1-CARBOTHIOIC ACID, HEXAHYDRO-, 2-(1-(2-PYRIDYL)ETHYL)HYDRAZIDE, N'''-OXIDE
UPDT:8411 CAS: 87587-17-5 MW: 294.46 MOLFM: C14-H22-N4-O-S
TOXICITY DATA AND REFERENCES:
° scu-mus LDLo:320 mg/kg JMCMAR 27,87,84

1H-AZEPINE-2,7-DIONE, TETRAHYDRO- see: AV2310000
1H-AZEPINEETHANOL, HEXAHYDRO-alpha-PHENYL-, CINNAMATE see: GD9084000

CM3110000 1H-AZEPINE-1-ETHANOL, HEXAHYDRO-alpha-PHENYL-, o-METHOXYBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 389.96 MOLFM: C22-H27-N-O3 Cl-H
SYN: HEXAHYDRO-alpha-PHENYL-1H-AZEPINE-1-ETHANOL o-METHOXYBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

CM3150000 1H-AZEPINE, HEXAHYDRO-
UPDT:8406 CAS: 111-49-9 MW: 99.20 MOLFM: C6-H13-N
SYN: AZACYCLOHEPTANE * 1-AZACYCLOHEPTANE * CYCLOHEXAMETHYLENIMINE * G 0 * HEXAHYDROAZEPINE * HEXAHYDRO-1H-AZEPINE * HEXAMETHYLENE IMINE (DOT) * HEXAMETHYLENIMINE * HOMOPIPERIDINE * PERHYDROAZEPINE * UN 2493 (DOT)
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:410 mg/kg GTPZAB 18(2),29,74
ihl-rat LCLo:4800 ppm/4H 34ZIAG -,311,69
° ihl-mus LC50:10800 mg/m3/2H 85GMAT -,74,82
scu-mus LDLo:550 mg/kg AEXPBL 50,199,1903
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID, CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM3185500 1H-AZEPINE, HEXAHYDRO-1-(CYCLOHEXYLMETHYL)-, HYDROCHLORIDE
UPDT:8303 CAS: 5005-81-2 MW: 231.85 MOLFM: C13-H25-N Cl-H
SYN: 1-(CYCLOHEXYLMETHYL)HEXAHYDRO-1H-AZEPINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:70 mg/kg APFRAD 24,785,66

CM3186000 AZEPINE, HEXAHYDRO-1-(((1,2-DIHYDRO-5,6,17,19,21-PENTAHYDROXY-23-METHOXY-2,4,12,16,18,20,22- HEPTAMETHYL-1,11-DIOXO-2,7-(EPOXYPENTADECA(1,11,13)TRIENIMINO)NAPHTHO(2,1-b)FURAN-9-YL)OXY)ACETYL)-, 21-ACETATE
UPDT:8402 CAS: 13929-37-8 MW: 837.07 MOLFM: C45-H60-N2-O13
SYN: RIFAMYCIN B AZEPINIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:220 mg/kg JMCMAR 7,596,64

CM3325000 1H-AZEPINE, HEXAHYDRO-1-NITROSO-
UPDT:8408 CAS: 932-83-2 MW: 128.20 MOLFM: C6-H12-N2-O
SYN: HEXAHYDRO-1-NITROSO-1H-AZEPINE * N-6-MI * N-NITROSOAZACYCLOHEPTANE * N-NITROSOHEXAHYDROAZEPINE * N-NITROSOHEXAMETHYLENEIMINE * NITROSOHEXAMETHYLENIMINE * N-NITROSOPERHYDROAZEPINE
MUTATION DATA AND REFERENCES:
mma-sat 25 ug/plate MUREAV 67,21,79
mma-esc 7500 umol/L IAPUDO 41,543,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T76 scu-ham TDLo:10 mg/kg (15D preg) ZKKOBW 86,69,76
TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:1570 mg/kg/28W-I CALEDQ 12,99,81
2V03J60 scu-mus TDLo:4 mg/kg ZKKOBW 78,78,72
3V01T65J61 scu-ham TDLo:80 mg/kg (8-15D preg) ZKKOBW 86,69,76
2V01J61 scu-ham TDLo:80 mg/kg/8W-I ZKKOBW 86,69,76
3V03D09K60 orl-rat TD :1320 mg/kg/30W-I JJIND8 62,407,79
3V03K60L60 orl-rat TD :720 mg/kg/8W-I CNREA8 28,1217,68
3V01D09J60 scu-ham TD :348 mg/kg/87W-I JNCIAM 50,323,73
3V03D09J60 scu-ham TD :4 mg/kg ZKKOBW 78,78,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:336 mg/kg CNREA8 28,1217,68
ipr-rat LDLo:300 mg/kg CNREA8 28,1217,68
3J16L30M01 scu-mus LD50:65 mg/kg ZKKOBW 78,78,72
scu-ham LD50:142 mg/kg JNCIAM 50,323,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM3341000 1H-AZEPINE, HEXAHYDRO-1-UNDECANOYL-
UPDT:8311 MW: 267.51 MOLFM: C17-H33-N-O
SYN: AI3-33515a * HEXAHYDRO-1-UNDECANOYL-1H-AZEPINE * 1-UNDECANOYLHEXAMETHYLENIMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD AEHA** 51-029-76

AZEPINE PHOSPHATE see: HN7525000

CM3380000 1H-AZEPINE-1-VALERIC ACID, HEXAHYDRO-gamma-BENZAMIDO-delta-OXO-, DL-
UPDT:8412 CAS: 6460-77-1 MW: 332.44 MOLFM: C18-H24-N2-O4
TOXICITY DATA AND REFERENCES:
° ivn-mus LD50:2500 mg/kg MIMEAO 58,3653,67

CM3422000 1H-AZEPINIUM, HEXAHYDRO-1-(beta-HYDROXYPHENETHYL)-1-METHYL-, IODIDE, p-CHLOROBENZOATE (ester)
UPDT:8309 MW: 499.85 MOLFM: C22-H27-Cl-N-O2 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLHEXAHYDRO-1H-AZEPINIUM IODIDE p-CHLOROBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1F02 scu-mus LDLo:200 mg/kg JACSAT 81,203,59

CM3595000 AZEPINO(3,4-b)INDOL-1(10H)-ONE, 2,3,4,5-TETRAHYDRO-10-(2-(DIMETHYLAMINO)ETHYL)-
UPDT:8312 MW: 271.40 MOLFM: C16-H21-N3-O
SYN: 2,3,4,5-TETRAHYDRO-10-(2-(DIMETHYLAMINO)ETHYL)AZEPINO(3,4-b)INDOL-1(10H)-ONE
TOXICITY DATA AND REFERENCES:
1U26 scu-mus LD50:183 mg/kg PCJOAU 16,654,82

CM3596000 AZEPINO(3,4-b)INDOL-1(10H)-ONE, 2,3,4,5-TETRAHYDRO-10-(3-(DIMETHYLAMINO)PROPYL)-
UPDT:8312 MW: 271.42 MOLFM: C17-H23-N3-O
SYN: 2,3,4,5-TETRAHYDRO-10-(3-(DIMETHYLAMINO)PROPYL)AZEPINO(3,4-b)INDOL-1(10H)-ONE
TOXICITY DATA AND REFERENCES:
° scu-mus LD50:355 mg/kg PCJOAU 16,654,82

CM3598000 1H-AZEPIN-3-OL, HEXAHYDRO-1-NITROSO-
UPDT:8312 CAS: 77428-18-3 MW: 144.20 MOLFM: C6-H12-N2-O2
SYN: HEXAHYDRO-1-NITROSO-1H-AZEPIN-3-OL * beta-HYDROXY-N-NITROSOHEXAMETHYLENEIMINE
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate TCMUD8 3,9,83

CM3598010 1H-AZEPIN-4-OL, HEXAHYDRO-1-NITROSO-
UPDT:8312 CAS: 77428-17-2 MW: 144.20 MOLFM: C6-H12-N2-O2
SYN: HEXAHYDRO-1-NITROSO-1H-AZEPIN-4-OL * gamma-HYDROXY-N-NITROSOHEXAMETHYLENEIMINE
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate TCMUD8 3,9,83

2H-AZEPIN-2-ONE, 1-ETHYLHEXAHYDRO- see: CM3905000

CM3675000 2H-AZEPIN-2-ONE, HEXAHYDRO-
UPDT:8412 CAS: 105-60-2 MW: 113.18 MOLFM: C6-H11-N-O
SYN: AMINOCAPROIC LACTAM * 6-AMINOHEXANOIC ACID CYCLIC LACTAM * 2-AZACYCLOHEPTANONE * 2H-AZEPIN-7-ONE, HEXAHYDRO- * CAPROLACTAM * epsilon-CAPROLACTAM * omega-CAPROLACTAM * 6-CAPROLACTAM * CAPROLATTAME (French) * CYCLOHEXANONE ISO-OXIME * EPSYLON KAPROLAKTAM (Polish) * HEXAHYDRO-2-AZEPINONE * HEXAHYDRO-2H-AZEPIN-2-ONE (9CI) * HEXAMETHYLENIMINE 2-OXO- * 6-HEXANELACTAM * HEXANOIC ACID, 6-AMINO-, LACTAM * HEXANONE ISOXIME * HEXANONISOXIM (German) * 1,6-HEXOLACTAM * e-KAPROLAKTAM (Czech) * 2-KETOHEXAMETHYLENIMINE * NCI-C50646 * 2-OXOHEXAMETHYLENIMINE * 2-PERHYDROAZEPINONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD 28ZPAK -,149,72
eye-rbt 20 mg/24H SEV 28ZPAK -,149,72
MUTATION DATA AND REFERENCES:
spm-rat-ihl 125 mg/m3/10W GTPZAB 19(10),40,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ihl-rat TCLo:125 mg/m3/24H (76D male) GTPZAB 19(10),40,75
TOXICITY DATA AND REFERENCES:
1J21 ihl-hmn TCLo:100 ppm AIHAAP 34,384,73
° orl-rat LD50:2140 mg/kg AIHAAP 30,470,69
ipr-rat LDLo:900 mg/kg BJIMAC 11,1,54
3F12F25F29 ipr-mus LD50:650 mg/kg JPMSAE 60,1058,71
scu-mus LDLo:750 mg/kg AEXPBL 50,199,1903
° skn-rbt LD50:1438 mg/kg AIHAAP 30,470,69
scu-frg LDLo:2800 mg/kg AEXPBL 50,199,1903
REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm; STEL 10 ppm (vapor) DTLVS* 4,64,80
★ TLV-TWA 1 mg/m3; STEL 3 mg/m3 (dust) DTLVS* 4,64,80
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NTPTR* NTP-TR-214,82)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-AZEPIN-7-ONE, HEXAHYDRO- see: CM3675000

CM3905000 2H-AZEPIN-2-ONE, HEXAHYDRO-1-ETHYL-
UPDT:8311 CAS: 19797-08-1 MW: 141.24 MOLFM: C8-H15-N-O
SYN: 2H-AZEPIN-2-ONE, 1-ETHYLHEXAHYDRO- * N-ETHYL epsilon-CAPROLACTAM * HEXAHYDRO-1-ETHYL-2H-AZEPIN-2-ONE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:550 mg/kg JPMSAE 60,1058,71

CM4025000 2H-AZEPIN-2-ONE, HEXAHYDRO-N-METHYL-
UPDT:8307 CAS: 2556-73-2 MW: 127.21 MOLFM: C7-H13-N-O

BEST COPY AVAILABLE

SYN: 2H-AZEPIN-2-ONE, HEXAHYDRO-1-METHYL- * epsilon-CAPROLACTAM, N-METHYL- * N-METHYL-e-CAPROLACTAM

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1620 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:1410 mg/kg AIHAAP 30,470,69

2H-AZEPIN-2-ONE, HEXAHYDRO-1-METHYL- see: CM4025000

AZEPROMAZINE see: OB2275000

AZEPROTYRINE see: XY3280000

AZETALDEHYDSCHWEFLIGSAUREN NATRIUMS (German) see: AB3045000

CM4300400 AZETIDINE, 3-AMINO-1-(DIPHENYLMETHYL)-, MONOHYDROCHLORIDE
UPDT 8309 MW: 274.82 MOLFM: C16-H18-N2 Cl-H
SYN: 3-AMINO-1-(DIPHENYLMETHYL)AZETIDINE MONOHYDROCHLORIDE * AZ 59

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg TAKHAA 31,453,72

CM4310500 AZETIDINE-2-CARBOXYLIC ACID, L-
UPDT 8308 CAS: 2133-34-8 MW: 101.10 MOLFM: C4-H7-N-O2
SYN: ACIDE L-AZETIDINE-2-CARBOXYLIC (French) * L-AZETIDINE-2-CARBOXYLIC ACID * L-2-AZETIDINECARBOXYLIC ACID * 2-AZETIDINECARBOXYLIC ACID, L- * 2-AZETIDINECARBOXYLIC ACID (S)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ipr-rat TDLo:300 mg/kg (8-10D preg) TJADAB 14,248,76
2T34T35 ipr-rat TDLo:300 mg/kg (8D preg) SEUBO 18,19,78
2T35T46 ipr-mus TDLo:500 mg/kg (11D preg) TJADAB 16,123,77
1T34 ipr-mus TDLo:1500 mg/kg (7-9D preg) TJADAB 16,123,77
1T43 ipr-mus TDLo:1200 mg/kg (12-14D preg) CRSBAW 169,676,75
2T34T46 ipr-ham TDLo:300 mg/kg (11D preg) TJADAB 23,365,81
1T25 ipr-ham TDLo:600 mg/kg (9D preg) TJADAB 23,365,81
1T43 ipr-ham TDLo:600 mg/kg (10-12D preg) TJADAB 23,365,81
2T55T59 ipr-ham TDLo:600 mg/kg (12D preg) TJADAB 23,365,81

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg 85GDA2 B(1),101,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-AZETIDINE-2-CARBOXYLIC ACID see: CM4310500

2-AZETIDINECARBOXYLIC ACID, L- see: CM4310500

L-2-AZETIDINECARBOXYLIC ACID see: CM4310500

2-AZETIDINECARBOXYLIC ACID, (S)- (9CI) see: CM4310500

CM4310640 2-AZETIDINECARBOXYLIC ACID, 1-(5-(2-AMINO-2-DEOXY-L-XYLONAMIDO)-1,5-DIDEOXY-1-(3,4-DIHYDRO- 5-(HYDROXYMETHYL)-2,4-DIOXO-1(2H)-PYRIMIDINYL)-beta-D-ALLOFURANURONOYL)-3-ETHYLIDENE-, MONOCARBAMATE (ester), (E)-L-
UPDT 8309 CAS: 19396-03-3 MW: 616.61 MOLFM: C23-H32-N6-O14
SYN: POLYOXIN A

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:200 mg/kg 85GDA2 5,244,81

CM4310650 2-AZETIDINECARBOXYLIC ACID, 1-(5-(2-AMINO-2-DEOXY-L-XYLONAMIDO)-1,5-DIDEOXY-1-(3,4-DIHYDRO- 5-METHYL-2,4-DIOXO-1(2H)-PYRIMIDINYL)-beta-D-ALLOFURANURONYL)-3-ETHYLIDENE-, MONOCARBAMATE (ester), (E)-L-
UPDT 8309 CAS: 24695-54-3 MW: 600.61 MOLFM: C23-H32-N6-O13
SYN: POLYOXIN H

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:300 mg/kg 85GDA2 5,249,81

CM4311230 AZETIDINE, 1-CYCLOHEXYL-3-(DIPHENYLMETHOXY)-
UPDT 8309 MW: 321.50 MOLFM: C22-H27-N-O
SYN: AZ 57 * 1-CYCLOHEXYL-3-(DIPHENYLMETHOXY)AZETIDINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:91 mg/kg TAKHAA 31,453,72

CM4313440 AZETIDINE, 4-(DIPHENYLMETHYL)-, HYDROCHLORIDE
UPDT 8309 MW: 259.80 MOLFM: C16-H17-N Cl-H
SYN: AZ 45 * 4-(DIPHENYLMETHYL)AZETIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg TAKHAA 31,453,72

CM4375000 AZETIDINE, 1-NITROSO-
UPDT 8411 CAS: 15216-10-1 MW: 86.11 MOLFM: C3-H6-N2-O
SYN: N-NITROSAZETIDINE * NITROSO-AZETIDIN (German) * NITROSOAZETIDINE * N-NITROSOAZETIDINE * 1-NITROSOAZETIDINE * NITROSOTRIMETHYLENEIMINE * N-NITROSOTRIMETHYLENEIMINE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,319,78
mma-sat 250 ug/plate MUREAV 67,21,79

TUMORIGENIC DATA AND REFERENCES:
3V03K60L60 orl-rat TDLo:198 mg/kg/17W-I ZKKOBW 89,215,77
3V03J60L60 orl-mus TDLo:960 mg/kg/48D-C NATWAY 54,518,67
3V03D09L60 orl-ham TDLo:4 gm/kg/53W-I CBNGDP 5,875,84
3V03J60L60 orl-rat TD :920 mg/kg/46D-C NATWAY 54,518,67

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1600 mg/kg NATWAY 54,518,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM4398000 3-AZETIDINOL, 1-tert-BUTYL-, p-AMINOBENZOATE (ester), HYDROCHLORIDE
UPDT 8309 MW: 284.82 MOLFM: C14-H20-N2-O2 Cl-H
SYN: AZ 43 * BENZOIC ACID, p-AMINO-, 1-tert-BUTYL-3-AZETIDINYL ESTER HYDROCHLORIDE * 1-tert-BUTYLAZETIDIN-3-OL p-AMINOBENZOATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg TAKHAA 31,453,72

CM4398500 3-AZETIDINOL, 1-(1,1-DIETHYL-2-PROPYNYL)-, METHYLCARBAMATE (ester), FUMARATE (1:1)
UPDT 8311 CAS: 65226-02-0 MW: 340.42 MOLFM: C12-H20-N2-O2 C4-H4-O4
SYN: 1-(1,1-DIETHYL 2 PROPYNYL)-3-AZETIDINOL METHYLCARBAMATE (8) 2-BUTENEDIOATE (1:1) * 1-(1,1-DIETHYL-2 PROPYNYL)-3-AZETIDINOL METHYLCARBAMATE (ester) FUMARATE (1:1)

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:190 mg/kg EJMCA5 12,447,77

CM4398600 3-AZETIDINOL, 1-(1,1-DIETHYL-2-PROPYNYL)-, PHENYLCARBAMATE (ester), MONOHYDROCHLORIDE
UPDT 8311 CAS: 60752-94-5 MW: 322.87 MOLFM: C17-H22-N2-O2 Cl-H
SYN: 1-(1,1-DIETHYL 2 PROPYNYL)-3-AZETIDINOL PHENYLCARBAMATE (ester) HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:62 mg/kg EJMCA5 12,447,77

CM4398800 3-AZETIDINOL, 1-(1-ETHYNYLCYCLOHEXYL)-, METHYLCARBAMATE (ester), MONOHYDROCHLORIDE
UPDT 8311 CAS: 60752-91-2 MW: 272.81 MOLFM: C13-H20-N2-O2 Cl-H
SYN: 1-(1-ETHYNYLCYCLOHEXYL)-3-AZETIDINOL METHYLCARBAMATE (ester) HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:125 mg/kg EJMCA5 12,447,77

CM4553000 2-AZETIDINONE, 3-ETHYL-3-PHENYL-
UPDT 8306 CAS: 20024-63-9 MW: 175.25 MOLFM: C11-H13-N-O
SYN: 3-ETHYL 3-PHENYL 2-AZETIDINONE * 3-FENIL-3-ETIL-2-AZETIDINONE (Italian) * L 1657

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:161 mg/kg FRPSAX 14,269,59

CM4557000 2-AZETIDINONE, 3-METHYL-3-PHENYL-
UPDT 8306 CAS: 1622-64-9 MW: 161.22 MOLFM: C10-H11-N-O
SYN: L 1714 * 3-METHYL-3-PHENYL-2-AZETIDINONE * 3-METIL-3-FENIL-2-AZETIDINONE (Italian)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:210 mg/kg FRPSAX 14,269,59

AZETYLAMINOFLUOREN (German) see: AB9450000

N-AZETYL-COLCHINOL (German) see: GH1000000

AZIDE see: VY8050000

AZIDINBLAU 3B see: QJ6475000

AZIDINE BLUE 3B see: QJ6475000

AZIDITHION see: TD5600000

4'-(3-AZIDO-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0306900

3-AZIDOALANINE see: AY3255000

AZIDODITHIOCARBONIC ACID (DOT) see: LQ5280000

AZIDODITHOFORMIC ACID see: LQ5280000

2-AZIDOETHANOL NITRATE see: KJ7370000

2-AZIDOETHYLAMINE see: KQ7510000

2-AZIDOETHYL NITRATE see: KJ7370000

AZIDOETHYL NITRATE (DOT) see: KJ7370000

AZIDO GUANIDINE PICRATE, dry (DOT) see: ME8506000

5-AZIDO-1-HYDROXYTETRAZOLE (DOT) see: XF8236000

AZIDOHYDROXYTETRAZOLE MERCURY SALT (DOT) see: XF8236100

AZIDOHYDROXYTETRAZOLE SILVER SALT (DOT) see: XF8236200

2-AZIDO-4-ISOPROPYLAMINO-6-METHYLTHIO-s-TRIAZINE see: XY3280000

2-AZIDO-4-ISOPROPYLAMINO-6-METHYLTHIO-1,3,5-TRIAZINE see: XY3280000

4-AZIDO-N-(1-METHYLETHYL)-6-(METHYLTHIO)-1,3,5-TRIAZIN-2-AMINE see: XY3280000

N-(AZIDOMETHYL)PHTHALIMIDE see: TI3966000

3-AZIDO-1,2-PROPANEDIOL DINITRATE see: TY3171000

2-AZIDO-1,2-PROPYLENE GLYCOL DINITRATE (DOT) see: TY3171000

4-AZIDOQUINOLINE 1-OXIDE see: VA9770000

5-AZIDO-1H-TETRAZOL-1-OL see: XF8236000

AZIDOTHIOCARBONIC ACID see: LQ5280000

AZIEN MALACHITE GREEN GH see: BP6825000

AZIJNZUUR (Dutch) see: AF1225000

AZIJNZUURANHYDRIDE (Dutch) see: AK1925000

AZIMETHYLENE see: PA7000000

AZIMIDOBENZENE see: DM1225000

AZIMINOBENZENE see: DM1225000

AZINDOLE see: DD5425000

AZINE see: UR8400000

AZINE BRILLIANT BLUE 6B see: QJ6430000

AZINE DARK GREEN BH/C see: QJ6195050

AZINE DEEP BLACK EW see: QJ6160000

AZINE FAST YELLOW A see: GD0197800

AZINE SKY BLUE 5B see: QJ6420000

AZINFOS-ETHYL (Dutch) see: TD8400000

AZINFOS-METHYL (Dutch) see: TE1925000

AZINOS see: TD8400000

AZINPHOS-AETHYL (German) see: TD8400000

AZINPHOS ETHYL see: TD8400000

AZINPHOS-ETILE (Italian) see: TD8400000

AZINPHOS METHYL see: TE1925000

AZINPHOS METHYL (DOT) see: TE1925000

AZINOPHOS-METHYL see: TE1925000

AZINPHOS-METILE (Italian) see: TE1925000

AZINTAMIDE see: AB5836500

AZINTHIAMIDE see: AB5836500

AZIONYL see: UE9480000

AZIPROTRYN see: XY3280000

AZIPROTRYNE see: XY3280000

AZIRANE see: KX5075000

AZIRIDIN (German) see: KX5075000

AZIRIDINE see: KX5075000

CM6300000 AZIRIDINE, 1-ACETYL-
UPDT 8401 CAS: 460-07-1 MW: 85.12 MOLFM: C4-H7-N-O
SYN: 1-ACETYLAZIRIDINE * ACETYLETHYLENEIMINE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:78 mg/kg/26W-I BJPCAL 9,306,54
2V02V10 scu-mus TDLo:180 mg/kg/33W-I BJPCAL 9,306,54
3V03K60V10 scu-rat TD :80 mg/kg/16W-I BJPCAL 9,306,54

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:13 mg/kg NCISA* PH-43-63-1132

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM6340000 AZIRIDINE, 1,1'-ADIPOYLDI-
UPDT 8305 MW: 196.28 MOLFM: C10-H16-N2-O2
SYN: ADIPOYLETHYLENEIMINE

MUTATION DATA AND REFERENCES:
oms-rat-ipr 10 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 10 mg/kg BJPCAL 6,357,51

CM6342000 AZIRIDINE, 1-(3-AMINOPROPYL)-
UPDT 8311 CAS: 1072-65-7 MW: 100.19 MOLFM: C5-H12-N2
SYN: N-(3-AMINOPROPYL)AZIRIDINE * 1-(3-AMINOPROPYL)AZIRIDINE * 1-AZIRIDINEPROPANAMINE (9CI)

MUTATION DATA AND REFERENCES:
mma-ssp 11 mmol/L ADWMAX -,193,62

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CM6345000 AZIRIDINE, 1-((4-(1-AZIRIDINYL)-3,5-DINITROPHENYL)SULFONYL)-
UPDT 8305 MW: 314.30 MOLFM: C10-H10-N4-O6-S
SYN: 2,6-DINITRO-4-ETHYLENEIMINOSULPHONYL N-PHENYLETHYLENEIMINE

MUTATION DATA AND REFERENCES:
oms-rat-ipr 200 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 100 mg/kg BJPCAL 6,357,51

AZIRIDINE, 1-BUTYRYL- see: CM6475000

CM6475000 AZIRIDINE, 1-n-BUTYRYL
UPDT 8401 CAS: 10431-86-4 MW: 113.18 MOLFM: C6-H11-N-O
SYN: AZIRIDINE, 1-BUTYRYL- * AZIRIDINE, 1-(1-OXOBUTYL)- (9CI) * 1-n-BUTYRYLAZIRIDINE * BUTYRYLETHYLENEIMINE * BUTYRYLETHYLENIMINE

MUTATION DATA AND REFERENCES:
cyt-rat-ipr 50 mg/kg BJPCAL 9,306,54

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:225 mg/kg/26W-I BJPCAL 9,306,54
2V03V10 scu-mus TDLo:488 mg/kg/20W-I BJPCAL 9,306,54
3V03R60V10 scu-rat TD :488 mg/kg/20W-I BJPCAL 9,306,54

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:970 mg/kg NCISA* PH-43-63-1132

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

CM6660000 AZIRIDINE, 1-BUTYL-
UPDT:8311 CAS: 1120-85-0 MW: 99.20 MOLFM: C6-H13-N
SYN: N-BUTYLAZIRIDINE * 1-BUTYLAZIRIDINE * N-BUTYLETHYLENEIMINE
MUTATION DATA AND REFERENCES:
mmo-ssp 7 mmol/L ADWMAX -,193,62
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CM6660100 AZIRIDINE, 1-tert-BUTYL-
UPDT:8401 CAS: 4017-38-3 MW: 99.20 MOLFM: C6-H13-N
SYN: 1-tert-BUTYL AZIRIDINE
MUTATION DATA AND REFERENCES:
mmo-ssn 5 mmol/L ADWMAX -,193,62
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

AZIRIDINE, 1-CAPROYL- see: CM7890000

1-AZIRIDINECARBOXAMIDE, N,N'-(1,4-BUTANEDIYL)BIS- see: CM6785000

CM6750000 1-AZIRIDINECARBOXAMIDE, N-(3-CHLOROPHENYL)-
UPDT:8401 CAS: 3647-19-6 MW: 196.65 MOLFM: C9-H9-Cl-N2-O
SYN: 1-(1-AZIRIDINYL)-N-(m-CHLOROPHENYL)FORMAMIDE * N-(3-CHLOROPHENYL)-1-AZIRIDINECARBOXAMIDE * 3-CHLOROPHENYL-N-CARBAMOYLAZIRIDINE * FORMAMIDE, 1-(1-AZIRIDINYL)-N-(m-CHLOROPHENYL)-
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:120 mg/kg/4W-I CNREA8 29,2184,69
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#03943
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM6751500 1-AZIRIDINECARBOXAMIDE, N,N'-(4-CHLORO-m-PHENYLENE)BIS-
UPDT:8305 MW: 260.74 MOLFM: C12-H13-Cl-N4-O2
SYN: N,N'-BIS-CYCLOETHYLENECARBAMYL 2,4-DIAMINOCHLOROBENZENE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 30 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 50 mg/kg BJPCAL 6,357,51

CM6755000 1-AZIRIDINECARBOXAMIDE, N-CYCLOHEXYL-
UPDT:8401 CAS: 13311-57-4 MW: 168.27 MOLFM: C9-H16-N2-O
SYN: N-CYCLOHEXYL 1-AZIRIDINECARBOXAMIDE * CYCLOHEXYL N-CARBAMOYLAZIRIDINE * N-CYCLOHEXYL-N-CARBAMOYLAZIRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:240 mg/kg/4W-I CNREA8 29,2184,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM6760000 1-AZIRIDINECARBOXAMIDE, N-(3,4-DICHLOROPHENYL)-
UPDT:8401 CAS: 15460-48-7 MW: 231.09 MOLFM: C9-H8-Cl2-N2-O
SYN: N-(3,4-DICHLOROPHENYL)-1-AZIRIDINECARBOXAMIDE * 3,4-DICHLOROPHENYL-N-CARBAMOYLAZIRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:20 mg/kg/4W-I CNREA8 29,2184,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM6764900 1-AZIRIDINECARBOXAMIDE, N,N-DIMETHYL-
UPDT:8411 CAS: 3715-67-1 MW: 114.17 MOLFM: C5-H10-N2-O
SYN: N,N-DIMETHYL-1-AZIRIDINECARBOXAMIDE * 1-(DIMETHYLCARBAMYL)AZIRIDINE
MUTATION DATA AND REFERENCES:
mmo-ssp 1 mmol/L CMMUAO 5,25,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 ipr-rat TDLo:100 mg/kg (1D male) 85GUAJ -,37,66
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-AZIRIDINECARBOXAMIDE, N,N'-1,2-ETHENEDIYLBIS-, (E)- see: CM6791000

CM6766000 1-AZIRIDINECARBOXAMIDE, N,N'-HEXAMETHYENEBIS-
UPDT:8402 CAS: 2271-93-4 MW: 254.38 MOLFM: C12-H22-N4-O2
SYN: AI3-50172 * 1-AZIRIDINECARBOXAMIDE, N,N'-1,6-HEXANEDIYLBIS- (9CI) * ENT 50172 * HBC * HDU * N,N'-HEXAMETHYLENEBIS(1-AZIRIDINECARBOXAMIDE) * HEXAMETHYLENEBIS(ETHYLENEUREA) * 1,6-HEXAMETHYLENEBIS(ETHYLENEUREA) * HEXAMETHYLENEDIETHYLENEUREA * OLIN 53139 * OM 53139
TOXICITY DATA AND REFERENCES:
* orl-qal LD50:316 mg/kg JRPFA4 48,371,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-AZIRIDINECARBOXAMIDE, N,N'-1,6-HEXANEDIYLBIS- (9CI) see: CM6766000

CM6770000 1-AZIRIDINECARBOXAMIDE, N-(p-METHOXYPHENYL)-
UPDT:8401 CAS: 3647-17-4 MW: 192.24 MOLFM: C10-H12-N2-O2
SYN: 1-(1-AZIRIDINYL)-N-(p-METHOXYPHENYL)FORMAMIDE * FORMAMIDE, 1-(1-AZIRIDINYL)-N-(p-METHOXYPHENYL)- * N-(p-METHOXYPHENYL)-1-AZIRIDINECARBOXAMIDE * p-METHOXYPHENYL N-CARBAMOYLAZIRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:240 mg/kg/4W-I CNREA8 29,2184,69
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#03949
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM6770500 1-AZIRIDINECARBOXAMIDE, N-METHYL-
UPDT:8412 CAS: 13279-24-8 MW: 100.14 MOLFM: C4-H8-N2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 ipr-rat TDLo:50 mg/kg (1D male) 85GUAJ -,37,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM6771000 1-AZIRIDINECARBOXAMIDE, N,N',N''-(2-METHYL-s-PHENENYL)TRIS-
UPDT:8305 MW: 344.42 MOLFM: C16-H20-N6-O3
SYN: N,N',N''-TRIS-CYCLOETHYLENECARBAMYL 2,4,6-TRIAMINOTOLUENE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 25 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 25 mg/kg BJPCAL 6,357,51

CM6771500 1-AZIRIDINECARBOXAMIDE, N,N'-(4-METHYL-m-PHENYLENE)BIS-
UPDT:8305 MW: 260.33 MOLFM: C13-H16-N4-O2
SYN: N,N'-BIS-CYCLOETHYLENECARBAMYL 2,4-DIAMINOTOLUENE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 1 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 1 mg/kg BJPCAL 6,357,51

CM6780000 1-AZIRIDINECARBOXAMIDE, N-PHENYL-
UPDT:8401 CAS: 13279-22-6 MW: 162.21 MOLFM: C9-H10-N2-O
SYN: 1-AZIRIDINECARBOXANILIDE * N-PHENYLAMINOCARBONYLAZIRIDINE * N-PHENYL-1-AZIRIDINECARBOXAMIDE * PHENYL N-CARBAMOYLAZIRIDINE * 1-PHENYLCARBAMOYLAZIRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:120 mg/kg/4W-I CNREA8 29,2184,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM6785000 1-AZIRIDINECARBOXAMIDE, N,N'-TETRAMETHYLENEBIS-
UPDT:8402 CAS: 6611-01-4 MW: 226.32 MOLFM: C10-H18-N4-O2
SYN: 1-AZIRIDINECARBOXAMIDE, N,N'-(1,4-BUTANEDIYL)BIS- * ENT 50838 * N,N'-TETRAMETHYLENEBIS(1-AZIRIDINECARBOXAMIDE) * TMAC
MUTATION DATA AND REFERENCES:
dlt-oin-par 100 ng MUREAV 7,63,69
dlt-oin-unk 1000 ppm/5M-C AESAAI 62,790,69
dlt-oin-par 10 ppm AESAAI 63,71,70
TOXICITY DATA AND REFERENCES:
* orl-qal LD50:133 mg/kg JRPFA4 48,371,76

CM6790000 1-AZIRIDINECARBOXAMIDE, N-(p-TOLYL)-
UPDT:8401 CAS: 829-65-2 MW: 176.24 MOLFM: C10-H12-N2-O
SYN: N-(p-TOLYL)-1-AZIRIDINECARBOXAMIDE * p-TOLYL N-CARBAMOYLAZIRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:240 mg/kg/4W-I CNREA8 29,2184,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM6791000 1-AZIRIDINECARBOXAMIDE, N,N'-VINYLENEBIS-, (E)-
UPDT:8402 CAS: 777-36-6 MW: 196.24 MOLFM: C8-H12-N4-O2
SYN: 1-AZIRIDINECARBOXAMIDE, N,N'-1,2-ETHENEDIYLBIS-, (E)- * (E)-N,N'-1,2-ETHENEDIYLBIS-1-AZIRIDINECARBOXAMIDE * (E)-N,N'-VINYLENEBIS-1-AZIRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* orl-qal LD50:237 mg/kg JRPFA4 48,371,76

1-AZIRIDINECARBOXANILIDE see: CM6780000

CM6800000 AZIRIDINECARBOXYLIC ACID, ETHYL ESTER
UPDT:8403 CAS: 671-51-2 MW: 115.15 MOLFM: C5-H9-N-O2
SYN: CARBAMIC ACID, N,N-ETHYLENE-, ETHYL ESTER * N-CARBETHOXYETHYLENIMINE * N-(ETHOXYCARBONYL)AZIRIDINE * N-ETHOXYCARBONYLETHYLENEIMINE * ETHOXYCARBONYL ETHYLENIMINE * ETHYL AZIRIDINECARBOXYLATE * ETHYL 1-AZIRIDINECARBOXYLATE * ETHYL AZIRIDINOCARBOXYLATE * ETHYL 1-AZIRIDINYLCARBOXYLATE * ETHYL AZIRIDINYLFORMATE
MUTATION DATA AND REFERENCES:
mmo-ssp 29 mmol/L ADWMAX -,193,62
cyt-rat-ipr 40 mg/kg BJPCAL 6,357,51
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:10 mg/kg BCPCA6 14,915,65
* ivn-mus LD50:180 mg/kg CSLNX* NX#04621
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CM6800100 1-AZIRIDINECARBOXYLIC ACID, ETHYL ESTER
UPDT:8312 MW: 115.15 MOLFM: C5-H9-N-O2
SYN: 1-ETHYLFORMATE AZIRIDINE
MUTATION DATA AND REFERENCES:
mmo-ssp 10 mmol/L CMMUAO 5,25,78

AZIRIDINE, N-CHLORO- see: KX5250000

CM6875000 AZIRIDINE, 1-DIETHYLACETYL-
UPDT:8401 CAS: 63019-57-8 MW: 141.24 MOLFM: C8-H15-N-O
SYN: 1-DIETHYLACETYLAZIRIDINE * DIETHYLACETYLETHYLENEIMINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 50 mg/kg BJPCAL 9,306,54
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:400 mg/kg/35W-I BJPCAL 9,306,54
2V02V10 scu-mus TDLo:488 mg/kg/20W-I BJPCAL 9,306,54
3V02R60V10 scu-rat TD :420 mg/kg/28W-I BJPCAL 9,306,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM6888000 AZIRIDINE, 2,2-DIMETHYL-
UPDT:8311 CAS: 2658-24-4 MW: 71.14 MOLFM: C4-H9-N
SYN: 2,2-DIMETHYLAZIRIDINE * 2,2-DIMETHYLETHYLENEIMINE
MUTATION DATA AND REFERENCES:
mmo-ssp 7 mmol/L ADWMAX -,193,62
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CM6895000 AZIRIDINE, 1-(2,4-DINITROPHENYL)-
UPDT:8307 MW: 209.18 MOLFM: C8-H7-N3-O4
SYN: 1-(2,4-DINITROPHENYL)AZIRIDINE * 2,4-DINITROPHENYLETHYLENEIMINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 50 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 25 mg/kg BJPCAL 6,357,51

AZIRIDINE, 1,1',1''-(3,6-DIOXO-1,4-CYCLOHEXADIENE-1,2,4-TRIYL)TRIS- see: DK7175000

CM7000000 1-AZIRIDINEETHANOL
UPDT:8405 CAS: 1072-52-2 MW: 87.14 MOLFM: C4-H9-N-O
SYN: 2-(1-AZIRIDINYL)ETHANOL * beta-HYDROXY-1-ETHYLAZIRIDINE * 2-HYDROXY-1-ETHYLAZIRIDINE * N-(beta-HYDROXYETHYL)AZIRIDINE * N-(2-HYDROXYETHYL)AZIRIDINE * N-HYDROXYETHYL ETHYLENE IMINE * N-(2-HYDROXYETHYL)ETHYLENEIMINE * 1-(2-HYDROXYETHYL)ETHYLENIMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 545 mg open MOD UCDS** 11/17/64
eye-rbt 1090 mg SEV UCDS** 11/17/64
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate ENMUDM 5(Suppl 1),3,83
mma-sat 1 ug/plate ENMUDM 5(Suppl 1),3,83
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:900 mg/kg/75W-I JNCIAM 46,143,71
TOXICITY DATA AND REFERENCES:
orl-rat LD50:74 mg/kg JIHTAB 31,60,49
* ivn-mus LD50:56 mg/kg CSLNX* NX#03613
skn-rbt LD50:280 mg/kg JIHTAB 31,60,49
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,47,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM7100000 1-AZIRIDINEETHANOL, alpha-PHENYL-
UPDT:8405 CAS: 17918-11-5 MW: 163.24 MOLFM: C10-H13-N-O
SYN: alpha-(1-AZIRIDINYLMETHYL)BENZYL ALCOHOL * BENZYL ALCOHOL, alpha-(1-AZIRIDINYLMETHYL)- * ETHANOL, 2-(1-AZIRIDINYL)-1-PHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:133 mg/kg EJMCA5 12,149,77
* ipr-mus LD50:80 mg/kg EJMCA5 12,149,77
* ivn-mus LD50:180 mg/kg CSLNX* NX#04518
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

AZIRIDINE, 1-ETHENYL- (9CI) see: CM8938000

CM7890000 AZIRIDINE, 1-HEXANOYL-
UPDT:8401 CAS: 45776-10-1 MW: 141.24 MOLFM: C8-H15-N-O
SYN: AZIRIDINE 1-CAPROYL * 1-CAPROYLAZIRIDINE * CAPROYLETHYLENEIMINE * 1-HEXANOYLAZIRIDINE * HEXANOYLETHYLENEIMINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 50 mg/kg BJPCAL 9,306,54
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:495 mg/kg/19W-I BJPCAL 9,306,54
2V03V10 scu-mus TDLo:360 mg/kg/41W-I BJPCAL 9,306,54
2V02V10 scu-rat TD :525 mg/kg/17W-I BJPCAL 9,306,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM7900000 AZIRIDINE, 1-LAUROYL-
UPDT:8401 CAS: 48163-10-6 MW: 225.42 MOLFM: C14-H27-N-O
SYN: LAUROYLETHYLENEIMINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 100 mg/kg BJPCAL 9,306,54

BEST COPY AVAILABLE

TUMORIGENIC DATA AND REFERENCES:
3V03K60V10 scu-rat TDLo:1000 mg/kg/32D-I BJPCAL 9,306,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM7955000 2-AZIRIDINEMETHANOL, alpha-CYCLOHEXYL-1-METHYL-, (R*,S*)-
UPDT:8405 MW: 169.30 MOLFM: C10-H19-N-O
SYN: (R* S*)-alpha-CYCLOHEXYL-1-METHYL-2-AZIRIDINEMETHANOL * N-METHYL CYCLOHEXYLHYDROXYMETHYL-2 AZIRIDINE R*,S*- (French)
TOXICITY DATA AND REFERENCES:
1F17 orl-mus LD50:422 mg/kg EJMCA5 12,149,77
1F17 ipr-mus LD50:178 mg/kg EJMCA5 12,149,77

CM7970000 2-AZIRIDINEMETHANOL, 1-METHYL-alpha-PHENYL-, (R*,R*)-
UPDT:8405 CAS: 64889-99-2 MW: 163.24 MOLFM: C10-H13-N-O
SYN: (R*,R*)-1-METHYL-alpha-PHENYL-2-AZIRIDINEMETHANOL * N-METHYL PHENYLHYDROXYMETHYL-2 AZIRIDINE R*,R*- (French)
TOXICITY DATA AND REFERENCES:
1F17 orl-mus LD50:422 mg/kg EJMCA5 12,149,77
1F17 ipr-mus LD50:170 mg/kg EJMCA5 12,149,77

CM7970010 2-AZIRIDINEMETHANOL, 1-METHYL-alpha-PHENYL-, (R*,S*)-
UPDT:8405 CAS: 64889-98-1 MW: 163.24 MOLFM: C10-H13-N-O
SYN: (R*,S*)-1-METHYL-alpha-PHENYL-2-AZIRIDINEMETHANOL * N-METHYL PHENYLHYDROXYMETHYL-2 AZIRIDINE R*,S*- (French)
TOXICITY DATA AND REFERENCES:
1F17 orl-mus LD50:560 mg/kg EJMCA5 12,149,77
1F17 ipr-mus LD50:300 mg/kg EJMCA5 12,149,77

CM8050000 AZIRIDINE, 2-METHYL-
UPDT:8407 CAS: 75-55-8 MW: 57.11 MOLFM: C3-H7-N
SYN: 2-METHYLAZACYCLOPROPANE * 2-METHYLAZIRIDINE * METHYLETHYLENEIMINE * 2-METHYLETHYLENEIMINE * PROPYLENE IMINE * 1,2-PROPYLENEIMINE * PROPYLENE IMINE INHIBITED (DOT) * PROPYLENIMINE * 1,2-PROPYLENIMINE * RCRA WASTE NUMBER P067 * UN 1921 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 250 ug open SEV JIHTAB 30,63,48
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate JJIND8 62,893,79
mma-sat 150 ug/plate PNASA6 72,5135,75
dnr-esc 2 ug/plate JJIND8 62,873,79
mrc-smc 100 ppm JJIND8 62,901,79
mmo-ssp 55 mmol/L ADWMAX -,193,62
otr-rat:emb 15 mg/L JJIND8 67,1303,81
dns-rat:lvr 10 mg/L MUREAV 97,359,82
otr-mus:fbr 80 ug/L JJIND8 67,1303,81
hma-mus/sat 355 mg/kg JJIND8 62,911,79
otr-ham:emb 1 mg/L JJIND8 67,1303,81
dnd-ham:lng 300 umol/L/1H BBRCA9 72,732,76
TUMORIGENIC DATA AND REFERENCES:
3V01A60R60 orl-rat TDLo:1120 mg/kg/28W-I NATUAS 230,460,71
3V01P61R60 orl-rat TD :3920 mg/kg/27W-C JJIND8 67,75,81
2V01R60 orl-rat TD :4129 mg/kg/58W-C JJIND8 67,75,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:19 mg/kg JIHTAB 30,63,48
ihl-rat LCLo:500 ppm/4H JIHTAB 31,343,49
ipr-mus LD50:355 mg/kg JJIND8 62,911,79
ihl-gpg LCLo:500 ppm/1H JIHTAB 30,2,48
skn-gpg LD50:43 mg/kg JIHTAB 30,63,48
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,61,75
★ TLV-TWA 2 ppm (skin) DTLVS* 4,351,80
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,351,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ppm (skin) (SCP-K) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM8100000 AZIRIDINE, 1-MYRISTOYL-
UPDT:8401 CAS: 63021-43-2 MW: 253.48 MOLFM: C16-H31-N-O
SYN: 1-MYRISTOYLAZIRIDINE * MYRISTOYLETHYLENEIMINE * TETRADECANOYLETHYLENEIMINE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:4 gm/kg/32W-I BJPCAL 9,306,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM8200000 AZIRIDINE, 1,1',1''-(1,3,5-NAPHTHALENETRIYLTRISULFONYL)TRI-
UPDT:8305 MW: 443.54 MOLFM: C16-H17-N3-O6-S3
SYN: 1,1',1''-(1,3,5-NAPHTHALENETRIYLTRISULFONYL)TRIAZIRIDINE * 1,3,5-TRIS(ETHYLENEIMINOSULPHONYL)NAPHTHALENE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 250 mg/kg BJPCAL 6,357,51

CM8225000 AZIRIDINE, 1-(2-NAPHTHOYL)-
UPDT:8401 CAS: 63021-45-4 MW: 197.25 MOLFM: C13-H11-N-O
SYN: 1-(2-NAPHTHOYL)-AZIRIDINE * beta-NAPHTHOYLETHYLENEIMINE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 scu-rat TDLo:975 mg/kg/20W-I BJPCAL 9,306,54
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:122 mg/kg NCISA* PH-43-63-1132
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM8226000 AZIRIDINE, 1,1'-(1,5-NAPHTHYLENEDISULFONYL)DI-
UPDT:8305 MW: 338.42 MOLFM: C14-H14-N2-O4-S2
SYN: 1,5-BIS-(ETHYLENEIMINOSULPHONYL)NAPHTALENE * 1,1'-BIS(1,5-NAPHTHYLENEDISULFONYL)DIAZIRIDINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 1 gm/kg BJPCAL 6,357,51

CM8226200 AZIRIDINE, 1,1'-(2,7-NAPHTHYLENEDISULFONYL)DI-
UPDT:8305 MW: 338.42 MOLFM: C14-H14-N2-O4-S2
SYN: 2,7-BIS-(ETHYLENEIMINOSULPHONYL)NAPHTALENE * 1,1'-(2,7-NAPHTHYLENEDISULFONYL)DIAZIRIDINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 250 mg/kg BJPCAL 6,357,51

CM8230000 AZIRIDINE, 1-(p-NITROBENZOYL)-
UPDT:8310 CAS: 19614-29-0 MW: 192.19 MOLFM: C9-H8-N2-O3
SYN: AZIRIDINE, 1-(4-NITROBENZOYL)- (9CI) * N-(p-NITROBENZOYL)AZIRIDINE * 1-(p-NITROBENZOYL)AZIRIDINE * p-NITROBENZOYLETHYLENEIMINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 50 mg/kg BJPCAL 6,357,51
AZIRIDINE, 1-(4-NITROBENZOYL)- (9CI) see: CM8230000

CM8255000 AZIRIDINE, 1-NONANOYL-
UPDT:8401 CAS: 63021-51-2 MW: 183.33 MOLFM: C11-H21-N-O
SYN: 1-NONANOYLAZIRIDINE * NONANOYLETHYLENEIMINE
TUMORIGENIC DATA AND REFERENCES:
3V02K60V10 scu-rat TDLo:720 mg/kg/20W-I BJPCAL 9,306,54
2V03V10 scu-mus TDLo:500 mg/kg/20W-I BJPCAL 9,306,54
3V02P61V10 scu-rat TD :860 mg/kg/27W-I BJPCAL 9,306,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM8290000 AZIRIDINE, 1,1'-(OCTAMETHYLENEDISULFONYL)DI-
UPDT:8305 MW: 324.50 MOLFM: C12-H24-N2-O4-S2
SYN: omega,omega-BIS-(ETHYLENEIMINOSULPHONYL)OCTANE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 50 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 50 mg/kg BJPCAL 6,357,51

CM8300000 AZIRIDINE, 1-OLEOYL-
UPDT:8401 CAS: 63021-11-4 MW: 307.58 MOLFM: C20-H37-N-O
SYN: 1-OLEOYLAZIRIDINE * OLEOYLETHYLENEIMINE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:1700 mg/kg/49D-I BJPCAL 9,306,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AZIRIDINE, 1-(1-OXOBUTYL)- (9CI) see: CM6475000

CM8315000 AZIRIDINE, 1,1'-(PENTAMETHYLENEDISULFONYL)DI-
UPDT:8305 MW: 282.41 MOLFM: C9-H18-N2-O4-S2
SYN: omega,omega-BIS-(ETHYLENEIMINOSULPHONYL)PENTANE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 2500 ug/kg BJPCAL 6,357,51
cyt-rat-ipr 2500 ug/kg BJPCAL 6,357,51

CM8325000 AZIRIDINE, 1-(PENTYLSULFONYL)-
UPDT:8305 MW: 177.29 MOLFM: C7-H15-N-O2-S
SYN: 1-(AMYLSULFONYL)AZIRIDINE * 1-(PENTYLSULFONYL)AZIRIDINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 150 mg/kg BJPCAL 9,306,54

CM8330000 AZIRIDINE, 1,1'-(m-PHENYLENEDISULFONYL)DI-
UPDT:8305 MW: 288.36 MOLFM: C10-H12-N2-O4-S2
SYN: m-BIS(ETHYLENEIMINOSULPHONYL)BENZENE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 25 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 25 mg/kg BJPCAL 6,357,51

CM8350000 AZIRIDINE, (s-PHENENYLTRICARBONYL)TRIS-
UPDT:8306 CAS: 16044-74-9 MW: 285.33 MOLFM: C15-H15-N3-O3
SYN: 1,1',1''-(s-PHENENYLTRICARBONYL)TRISAZIRIDINE * s-PHENENYLTRIS(CARBONYLAZIRIDINE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#03945
AZIRIDINE, 1,1,1'-PHOSPHINOTHIOYLIDYNETRIS- see: SZ2975000
AZIRIDINE, 1,1',1'-PHOSPHINYLIDYNETRIS- see: SZ1750000
1-AZIRIDINEPROPANAMINE (9CI) see: CM6342000
1-AZIRIDINEPROPANENITRILE see: CM8750000
1-AZIRIDINEPROPANOIC ACID, METHYL ESTER see: CM8694500

CM8694500 1-AZIRIDINEPROPIONIC ACID, METHYL ESTER
UPDT:8403 CAS: 1073-77-4 MW: 129.18 MOLFM: C6-H11-N-O2
SYN: 1-AZIRIDINEPROPANOIC ACID, METHYL ESTER * 3-ETHYLENEIMINOPROPIONATE
MUTATION DATA AND REFERENCES:
mmo-ssp 23 mmol/L ADWMAX -,193,62
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CM8750000 1-AZIRIDINE PROPIONITRILE
UPDT:8311 CAS: 1077-66-8 MW: 96.15 MOLFM: C5-H8-N2
SYN: 1-AZIRIDINEPROPANENITRILE * N-(2-CYANOETHYL)AZIRIDINE * 1-(2-CYANOETHYL)AZIRIDINE * N-(beta-CYANOETHYL)ETHYLENEIMINE * 1-(2-CYANOETHYL)ETHYLENEIMINE
MUTATION DATA AND REFERENCES:
mmo-ssp 79 mmol/L ADWMAX -,193,62
cyt-rat-ipr 20 mg/kg BJPCAL 6,357,51
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,22,53
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CM8850000 AZIRIDINE, 1-STEAROYL-
UPDT:8401 CAS: 3891-30-3 MW: 309.60 MOLFM: C20-H39-N-O
SYN: 1-STEAROYLAZIRIDINE * STEAROYL ETHYLENEIMINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 200 mg/kg BJPCAL 9,306,54
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:1000 mg/kg/5W-I BJPCAL 6,357,51
3V02N61V10 scu-rat TD :1100 mg/kg/35D-I BJPCAL 9,306,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM8860000 AZIRIDINE, 1,1'-((SULFONYLBIS(2-NITRO-p-PHENYLENE))DI-
UPDT:8305 MW: 390.40 MOLFM: C16-H14-N4-O6-S
SYN: m,m'-DINITRO-p,p'-BIS-ETHYLENEIMINO DIPHENYLSULPHONE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 400 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 100 mg/kg BJPCAL o,357,51

CM8870000 AZIRIDINE, 1,1'-TEREPHTHALOYDI-
UPDT:8305 MW: 216.26 MOLFM: C12-H12-N2-O2
SYN: TEREPHTHALYLETHYENEIMINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 100 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 100 mg/kg BJPCAL 6,357,51

CM8872000 AZIRIDINE, 1,1'-(TETRAMETHYLENEDISULFONYL)BIS(2-METHYL-
UPDT:8305 MW: 296.44 MOLFM: C10-H20-N2-O4-S2
SYN: omega,omega-BIS-(C-METHYLETHYLENEIMINOSULPHONYL)BUTANE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 100 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 100 mg/kg BJPCAL 6,357,51

CM8873000 AZIRIDINE, 1,1'-(TETRAMETHYLENEDISULFONYL)DI-
UPDT:8305 MW: 268.38 MOLFM: C8-H16-N2-O4-S2
SYN: omega,omega-BIS-(ETHYLENEIMINOSULPHONYL)BUTANE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 20 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 20 mg/kg BJPCAL 6,357,51
AZIRIDINE, 1,3,5,2,4,6-TRIAZATRIPHOSPHORINE derivative see: XX9450000
AZIRIDINE, 1,1',1''-s-TRIAZINE-2,4,6-TRIYLTRIS- see: XZ2100000
AZIRIDINE, 1,1'-(TRICYCLO(3.3.1.1(sup 3,7))DEC-1-YLPHOSPHINYLIDENE)BIS- see: SY9299000
AZIRIDINE, 1,1'-(TRIMETHYLENEDISULFONYL)BIS- see: TX2900000

CM8934000 AZIRIDINE, 1-(2,4,6-TRINITROPHENYL)-
UPDT:8310
SYN: 1-(2,4,6-TRINITROPHENYL)AZIRIDINE * 2,4,6-TRINITROPHENYLETHYLENEIMINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 50 mg/kg BJPCAL 6,357,51

CM8938000 AZIRIDINE, 1-VINYL-
UPDT:8307 CAS: 5628-99-9 MW: 69.12 MOLFM: C4-H7-N
SYN: AZIRIDINE, 1-ETHENYL- (9CI) * 1-VINYL AZIRIDINE * N-VINYLETHYLENEIMINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:88 mg/kg TXAPA9 28,313,74

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

ihl-rat LCLo:100 ppm/4H — TXAPA9 28,313,74
skn-rbt LD50:20 mg/kg — TXAPA9 28,313,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CM9620000 AZIRIDINIUM, 1-ETHYL-1-(2-HYDROXYETHYL)-
UPDT:8312 MW: 116.21 MOLFM: C6-H14-N-O
SYN: AF 64A * ETHYLCHOLINE MUSTARD AZIRIDINIUM ION * 1-ETHYL-1-(2-HYDROXYETHYL)AZIRIDINIUM
TOXICITY DATA AND REFERENCES:
3F11F19/22 ipr-mus LD50:6 mg/kg — JPETAB 222,140,82
3F11F19/22 ivn-mus LD50:5 mg/kg — JPETAB 222,140,82

AZIRIDINYLBENZOQUINONE see: GU4808000
AZIRIDINYL CHLORIDE see: KX5250000
1-(1-AZIRIDINYL)-N-(m-CHLOROPHENYL)FORMAMIDE see: CM6750000
6-(1-AZIRIDINYL)-4-CHLORO-2-PHENYLPYRIMIDINE see: UV8100000
2-(1-AZIRIDINYL)ETHANOL see: CM7000000
1-(1-AZIRIDINYL)-N-(p-METHOXYPHENYL)FORMAMIDE see: CM6770000
alpha-(1-AZIRIDINYLMETHYL)BENZYL ALCOHOL see: CM7100000
1-AZIRIDINYL PHOSPHINE OXIDE (TRIS) (DOT) see: SZ1750000
1-AZIRIDINYLPHOSPHONITRILE TRIMER see: XX9450000
AZIRIDINYLQUINONE see: EY8794000
P-1-AZIRIDINYL-N,N,N',N'-TETRAMETHYLAMINOPHOSPHINE OXIDE see: TA1460000
p-1-AZIRIDINYL-N,N,N',N'-TETRAMETHYLPHOSPHINIC DIAMIDE see: TA1460000
AZIRIDYL BENZOQUINONE see: DK3325000
1H-AZIRINE, DIHYDRO- see: KX5075000

CN0680000 AZIRINO(2',3':3,4)PYRROLO(1,2-a)INDOLE-4,7-DIONE, 6-AMINO-1,1a,2,8,8a,8b-HEXAHYDRO-8- (HYDROXYMETHYL)-8a-METHOXY-5-METHYL-
UPDT:8402 CAS: 26909-37-5 MW: 291.34 MOLFM: C14-H17-N3-O4
SYN: DECARBAMOYL MITOMYCIN C
MUTATION DATA AND REFERENCES:
dni-hmn:hla 2 umol/l — MUREAV 92,427,82
cyt-hmn:leu 2 mg/l — CNREA8 33,1829,73
cyt-ham:ovr 125 ug/l — MUREAV 110,343,83
sce-ham:ovr 100 nmol/l — ENMUDM 4,239,82

CN0700000 AZIRINO(2',3':3,4)PYRROLO(1,2-a)INDOLE-4,7-DIONE, 6-AMINO-1,1a,2,8,8a,8b-HEXAHYDRO-8-(HYDROXY METHYL)-8a-METHOXY-5-METHYL-, CARBAMATE (ester)
UPDT:8412 CAS: 50-07-7 MW: 334.37 MOLFM: C15-H18-N4-O5
SYN: AMETYCIN * MIT-C * MITOCIN-C * MITOMYCIN * MITOMYCIN-C * MITOMYCINUM * MMC * MUTAMYCIN(MITOMYCIN for INJECTION) * MYTOMYCIN * NCI-C04706 * NSC 26980 * RCRA WASTE NUMBER U010
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate — CNREA8 38,2148,78
mma-sat 5 ug/plate — CNREA8 38,2148,78
dnr-sat 1000 ppm — AGACBH 4,286,74
dns-sat 2 ug — ECEBDI 50,271,83
dni-sat 5 mg/l — VIRLAX 13,493,61
pic-sat 10 pmol/plate — PPTCBY -,337,79
mma-esc 100 ug/l — MUREAV 130,97,84
mma-esc 15 umol/l — MUREAV 74,77,80
dnr-esc 1000 ppm — AGACBH 4,286,74
dnr-esc 1 mg/l — MUREAV 139,101,84
dns-esc 1 mmol/l — ZKKOBW 92,177,78
dni-esc 100 ug/l — BBACAQ 41,434,60
pic-esc 1 mg/l — NATUAS 184,1079,59
mmo-bcs 25 ug/l — MUREAV 95,191,82
dnr-bcs 20 ug/disc — MUREAV 26,243,74
mrc-bcs 100 ng/disc — CNREA8 36,445,76
dnd-bcs 20 ug/disc — PMRSDJ 1,175,81
dni-bcs 10 mg/l — FOMIAZ 21,36,76
oms-bcs 10 mg/l — FOMIAZ 21,36,76
dnd-hmi 5 mg/l — JOBAAY 125,643,76
dni-hmi 500 ug/l — JOBAAY 125,643,76
pic-hmi 15 umol/l — MUREAV 125,15,84
mmo-omi 1 ug/L/15M — MIBLAO 49,223,80
mma-omi 5 mg/l — MUREAV 74,113,80
mma-omi 1 mg/plate — JGAMA9 11,129,65
mma-omi 80 umol/l — MUREAV 74,77,80
dnr-omi 20 mg/l — JOBAAY 155,1200,83
dnd-omi 20 mg/l — BBACAQ 697,381,82
dnd-omi 500 ug/l — PNASA6 59,1116,68
dnd-omi 2 mmol/l — MGGEAE 150,301,77
dnd-omi 670 nmol — BBACAQ 521,779,78
dns-omi 1200 umol/l — MUREAV 85,275,81
dni-omi 80 ug/l — MGGEAE 150,301,77
dni-omi 3 mg/l — JOVIAM 13,1,74
pic-omi 500 ng/plate — ZMMPAO 231,369,75
pic-omi 1 mg/l — BAPBAN 18,445,70
slt-dmg-unk 625 umol/L/6H — MUREAV 126,233,83
cyt-dmg-par 100 mg/l — GNLEAM 3,7,73
cyt-dmg:oth 500 ug/l — MUREAV 107,93,83
sln-dmg-orl 600 mg/l — ZEVBAS 98,299,66
sln-dmg-unk 150 umol/l — MUREAV 74,77,80
sln-dmg-par 300 umol/l — EVSRBT 24,175,81
trn-dmg-unk 300 umol/l — MUREAV 74,77,80
sln-oin-par 1 gm/l — MUREAV 7,231,69
dlt-oin-par 500 mg/l — MUREAV 7,231,69
mrc-smc 10 mg/l — EVHPAZ 31,97,79
sln-smc 4 mg/l — EVHPAZ 31,97,79
mma-asn 1190 umol/l — MUREAV 74,77,80
mrc-asn 1190 umol/l — MUREAV 74,77,80
mrc-clr 200 mg/l — MUREAV 4,147,67
sln-slw-par 100 umol/kg — NISZAQ 46,205,77
dlt-ofs-mul 2500 ug/L/24H — MUREAV 125,221,84
dlt-slw-par 100 umol/kg — NISZAQ 46,205,77
msc-slw:spr 25 mg/l — MUREAV 7,425,69
oms-grh:oth 100 umol/l — ENMUDM 6,402,84
cyt-grh:oth 10 umol/l — ENMUDM 6,402,84
cyt-nml:kdy 2500 ug/l — ARTODN (Suppl 5),349,82
cyt-nml:skn 2500 ug/l — ARTODN (Suppl 5),349,82
cyt-nml-orl 6 nmol/l — MBLED7 3,163,82
cyt-ofs:oth 5 ug/L/24H — ENMUDM 4,181,82
cyt-nml:oth 500 umol/L/5H-C — AAMMAU 61,201,72
sce-ofs:emb 10 nmol/l — MUREAV 68,381,79
sce-nml-orl 6 nmol/l — MBLED7 3,163,82
sce-nml-skn 1250 nmol/l — MUREAV 105,235,82
sce-ofs-mul 5400 pmol/l — MUREAV 118,61,83
dnr-hmn:fbr 470 nmol/l — BBACAQ 561,99,79
dns-hmn:oth 100 umol/l — MUREAV 122,377,83
dns-hmn:hla 300 nmol/l — TOHJAV 19,179,76
dns-hmn:fbr 160 ug/l
dns-hmn:lym 1 mg/l
dns-hmn:oth 2 iu/l
dni-hmn:hla 1 umol/L/30M-C
dni-hmn:fbr 10 umol/l
dni-hmn:lym 1 mg/l
dni-hmn:hla 100 ug/l
oms-hmn:leu 1 mg/l
oms-hmn:hla 100 ug/l
dns-hmn:oth 100 mg/l
cyt-hmn:lym 10 ug/L/24H
cyt-hmn:hla 10 umol/l
cyt-hmn:leu 100 ug/L/24H
sce-hmn:leu 100 ug/l
cyt-hmn:fbr 100 ug/l
sce-hmn-ivn 228 ug/kg/2W-I
sce-hmn:lym 6 ug/l
sce-hmn:emb 3 nmol/l
sce-hmn:fbr 5 nmol/l
sce-hmn:lng 20 ug/l
cyt-hmn:lng 2500 ug/l
msc-hmn:lym 1 nmol/l
msc-hmn:fbr 1 mg/l
mnt-rat-ipr 1 mg/kg
dnd-rat-ipr 1 mg/kg
dnd-rat:lvr 300 nmol/l
dns-rat-ipr 4 mg/kg
dns-rat:oth 2 mmol/l
cyt-rat-ivn 2 mg/kg
cyt-rat-ipr 6670 ug/kg
cyt-rat-scu 670 ug/kg
cyt-rat-unk 750 ug/kg
sce-rat-ivn 3 mg/kg
sce-rat:lym 10 nmol/l
sce-rat:bmr 10 nmol/l
sce-rat-ipr 1 mg/kg
sce-rat-par 1 mg/l
trn-rat-ipr 6670 ug/kg
mnt-mus-ipr 650 ug/kg
mnt-mus-unk 2 mg/kg
mma-mus:lym 500 ug/L/4H
slt-mus-ipr 5250 ug/kg
slt-mus-par 2 mg/kg
slt-mus-unk 2 mg/kg
dnd-mus-ipr 7500 ug/kg
dnd-mus:leu 150 mg/l
dns-mus:lvr 2 umol/l
dns-mus:tes 1 umol/L/5H
dns-mus:lym 500 ug/l
oms-mus/ast 2500 ppm
cyt-mus:lym 2500 ug/l
cyt-mus/ast 110 mg/kg
cyt-mus-ivn 5 mg/kg
cyt-mus-ipr 2 mg/kg
cyt-mus-unk 2500 ug/kg
cyt-mus:fbr 100 ug/l
cyt-mus:oth 100 ug/l
sce-mus-ipr 300 ug/kg
sce-mus-ivn 2500 mg/kg
sce-mus:emb 15 ug/l
sce-mus-par 2500 ug/kg
sce-mus:oth 10 ug/l
sce-mus/ast 3 mg/kg
sce-mus:fbr 10 ug/l
sce-mus/lym 1500 ug/kg
dlt-mus-ipr 2 mg/kg
dlt-mus-unk 1 mg/kg
dlt-mus-ipr 3 mg/kg
sce-mus:lym 5 gm/l
msc-mus-unk 1 mg/kg
msc-mus:lym 20 ug/L/4H
sce-mus:oth 25 ug/l
hma-mus/sat 200 mg/kg
hma-mus/esc 10 mg/kg
hma-mus/bcs 3 mg/kg
spm-mus-ipr 2500 ug/kg
spm-mus-par 5250 ug/kg
slt-mus-unk 5250 ug/kg
spm-mus-unk 2500 ug/kg
trn-mus-unk 2500 ug/kg
mma-ham:ovr 750 nmol/l
otr-ham:kdy 1 ug/l
dnd-ham:ovr 1 mg/l
oms-ham:fbr 600 ug/l
cyt-ham-unk 750 ug/kg
cyt-ham-ipr 2 mg/kg
cyt-ham:lng 30 ug/l
cyt-ham:fbr 50 nmol/l
cyt-ham:ovr 2500 ug/l
sce-ham-ipr 100 ug/kg
sce-ham:ovr 12500 ng/l
sce-ham:lng 15 nmol/l
sce-ham:fbr 5 nmol/l
sce-ham:kdy 20 mg/l
sce-ham-unk 100 ug/kg
sce-ham:emb 50 ug/l
msc-ham:lng 1 mg/L/1H
msc-ham:ovr 75 ug/l
mnt-mky-ivn 500 ug/kg
mnt-mky-unk 500 ug/kg
cyt-mky-ivn 1 mg/kg
cyt-mky-unk 1 mg/kg
hma-mky/esc 5 ug/l
spm-mky-ivn 500 ug/kg
mnt-dog:lym 400 nmol/l
dni-rbt:kdy 750 ug/l
cyt-mam:lng 600 ug/l
cyt-mam:kdy 10 mg/L/8H-C
cyt-mam:lym 20 ug/l
TXCYAC 21,151,81
TCMUD8 2,85,82
JJIND8 69,557,82
JEPTDQ 2(1),65,78
CNREA8 42,335,82
MUREAV 112,119,83
JCLLAX 69,331,67
ECREAL 33,445,64
JCLLAX 69,331,67
MUREAV 140,43,84
CCPHDZ 3,143,79
TXCYAC 9,21,78
GENTAE 51,181,65
GENTAE 51,181,65
TRBMAV 27,409,69
CNREA8 40,477,80
MUREAV 121,147,83
MUREAV 74,77,80
EXMDA4 411,347,77
MUREAV 117,317,83
ARTODN (Suppl 5),349,82
NATUAS 292,601,81
CNJGA8 21,435,79
MUREAV 85,277,81
MUREAV 85,277,81
SinJF# 26OCT82
CANCAR 36,2364,75
SHKKAN 22,300,80
JJIND8 67,831,81
JOHEA8 66,285,75
JOHEA8 64,324,73
MUREAV 113,239,83
CGCGBR 27,82,80
NTIS** AD-A075-605
NTIS** AD-A075-605
ARTODN 46,151,80
MUREAV 97,349,82
JOHEA8 66,285,75
MUREAV 135,189,84
MUREAV 74,77,80
MUREAV 59,61,79
MUREAV 26,285,74
ARTODN 38,75,77
GENTAE 92,S153,79
OFAJAE 51,1,74
MUREAV 23,387,74
CNREA8 44,2918,84
ARTODN 37,195,77
APMIBM 81,711,73
IDZAAW 51,55,76
ARTODN (Suppl 5),349,82
BIZNAT 98,711,79
MUREAV 60,329,79
BECTA6 32,269,84
MUREAV 74,77,80
BBACAQ 55,277,62
BBACAQ 55,277,62
TCMUD8 3,263,83
MUREAV 60,339,79
MUREAV 60,339,79
ENMUDM 6,469,84
CHROAU 57,219,76
ENMUDM 1,177,79
EVSRBT 24,539,81
MUREAV 106,85,82
BECTA6 32,269,84
MUREAV 74,77,80
NKRZAZ 29(Suppl 4),932,81
MUREAV 106,85,82
MUREAV 74,77,80
MUREAV 59,61,79
JCHODP 13,1,83
BIZNAT 96,151,77
EVSRBT 24,353,81
MUREAV 16,165,72
ENMUDM 6,287,84
ARTODN 38,75,77
GENTAE 92,S153,79
MUREAV 74,77,80
TCMUD8 1,75,80
MUREAV 74,77,80
TXCYAC 19,55,81
CNREA8 42,3106,82
CHROAU 33,48,71
MUREAV 74,166,80
AMBNAS 23,103,75
GMCRDC 27,95,81
MUREAV 28,459,75
ARTODN (Suppl 5),349,82
ARZNAD 29,1871,79
TRENAF 30(2),51,79
MUREAV 74,77,80
MUREAV 28,459,75
NATUAS 271,662,78
EESADV 3,122,79
CNREA8 44,1933,84
MUREAV 111,341,83
MUREAV 94,449,82
EESADV 3,122,79
EESADV 3,122,79
MUREAV 64,37,79
EESADV 3,122,79
MUREAV 57,91,78
MUREAV 53,230,78
NTIS** AD-A075-605
ECREAL 36,92,64
MUREAV 22,73,74
FCTXAV 8,617,70
CGCYDF 3,161,81

BEST COPY AVAILABLE

sce-rbt-ipr 4 mg/kg/8W — MUREAV 51,383,78
sce-mam:fbr 330 ug/L — CHROAU 56,1,76
sce-mam:oth 56 nmol/L — CHROAU 64,97,77
sce-mam:lym 20 ug/L — CGCYDF 3,161,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ipr-rat TDLo:3700 ug/kg (1D male) — HIKYAJ 12,1339,66
2T02T03 ipr-rat TDLo:7500 ug/kg (13D male) — IJEBA6 17,679,79
3T26T34T35 scu-rat TDLo:2 mg/kg (6-10D preg) — OSDIAF 14,107,65
1T53 scu-rat TDLo:2 mg/kg (6-10D preg) — OSDIAF 14,107,65
1T33 ipr-mus TDLo:3 mg/kg (10D preg) — JEPTDQ 2(3),625,79
1T01 ipr-mus TDLo:500 ug/kg (1D male) — CNREA8 42,122,82
3T31T35T43 ipr-mus TDLo:5 mg/kg (10D preg) — OFAJAE 44,337,68
2T34T46 ipr-mus TDLo:4 mg/kg (8D preg) — JEEMAF 73,135,83
2T81T91 ipr-mus TDLo:1875 ug/kg (12-14D preg) — KAIZAN 41,306,66
1T26 ipr-mus TDLo:1750 ug/kg (1D male) — MUREAV 13,433,71
2T02T35 scu-mus TDLo:5 mg/kg (1D male) — JTSCDR 4,127,79
2T01T02 scu-mus TDLo:1 mg/kg (1D male) — JJPAAZ 10,64,60
3T34T43T46 ivn-mus TDLo:5 mg/kg (12D preg) — SEIJBO 10,83,70
1T35 ivn-mus TDLo:5 mg/kg (10D preg) — SEIJBO 5,90,65
1T33 ivn-mus TDLo:1 mg/kg (13D preg) — NATUAS 279,531,79
3T29T33T39 iut-mus TDLo:1600 ng/kg (1D preg) — IJEBA6 12,487,74
2T33T39 ipr-ham TDLo:2 mg/kg (2D preg) — AMBNAS 23,103,75

TUMORIGENIC DATA AND REFERENCES:
2V02V10 ipr-rat TDLo:3000 ug/kg/26W-I — RRCRBU 52,1,75
3V01K60R60 ivn-rat TDLo:2600 ug/kg/8W-I — ARZNAD 20,1461,70
2V01V10 scu-mus TDLo:280 ug/kg/18W-I — APJAAG 17,495,67

TOXICITY DATA AND REFERENCES:
2J14J22 ims-wmn TDLo:1800 ug/kg — LANCAO 2,1037,80
orl-rat LD50:14 mg/kg — CNREA8 20,1354,60
* ipr-rat LD50:2 mg/kg — ADTEAS 3,181,68
* scu-rat LD50:3250 ug/kg — NIIRDN 6,798,82
ivn-rat LD50:3 mg/kg — ARZNAD 20,1467,70
orl-mus LD50:17 mg/kg — CNREA8 20,1354,60
* ipr-mus LD50:5 mg/kg — CNREA8 42,122,82
* scu-mus LD50:7800 ug/kg — NIIRDN 6,798,82
* ivn-mus LD50:5 mg/kg — 85ERAY 2,1308,78
unk-mus LD10:2200 ug/kg — CNCRA6 50,219,66
ivn-dog LD50:1 mg/kg — CNREA8 20,1354,60
ivn-mky LDLo:1 mg/kg — CNREA8 20,1354,60
ivn-cat LDLo:2500 ug/kg — CNREA8 20,1354,60

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75; ARVPAX 5,447,65; CRTXB2 2,159,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 10,171,76

STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED:RESULTS POSITIVE:RAT (RRCRBU 52,1,75)
★ NCI CARCINOGENESIS STUDY COMPLETED:RESULTS NEGATIVE:MOUSE (RRCRBU 52,1,75)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CN1050000 AZIRINO(2',3':3,4)PYRROLO(1,2-a)INDOLE-4,7-DIONE, 1,1a,2,8,8a,8b-HEXAHYDRO-8-(HYDROXY METHYL)-6,8a-DIMETHOXY-5-METHYL-, CARBAMATE (ester)
UPDT:8307 CAS: 4055-39-4 MW: 349.38 MOLFM: C16-H19-N3-O6
SYN: MITOMYCIN A

MUTATION DATA AND REFERENCES:
pic-esc 3 ug/L — JMCMAR 20,767,77

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1 mg/kg — 85FZAT -,421,67

CN1053000 AZIRINO(2',3':3,4)PYRROLO(1,2-a)INDOLE-4,7-DIONE, 1,1a,2,8,8a,8b-HEXAHYDRO-8- (HYDROXYMETHYL)-6-(p-HYDROXYANILINO)-8a-METHOXY-5-METHYL-, 8-CARBAMATE (ester)
UPDT:8305 MW: 426.42 MOLFM: C21-H22-N4-O6
SYN: 7-N-(p-HYDROXYPHENYL) MITOMYCIN C * M-83

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:30 mg/kg — GANNA2 73,675,82
* ivn-mus LD50:20 mg/kg — GANNA2 73,675,82

CN1054000 AZIRINO(2',3':3,4)PYRROLO(1,2-a)INDOLE-4,7-DIONE, 1,1a,2,8,8a,8b-HEXAHYDRO-8- (HYDROXYMETHYL)-7-(p-HYDROXYANILINO)-5-METHYL-, 8-CARBAMATE (ester)
UPDT:8402 MW: 382.43 MOLFM: C20-H20-N3-O5
SYN: 7-N-(p-HYDROXYPHENYL)MITOMYCIN C * M-83

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg — JANTAJ 35,1055,82

AZIRPOTRYNE see: XY3280000
AZIUM see: VY8050000
AZIUM see: TU3980000
AZO-36 see: VH0600000
AZOAETHAN (German) see: KH4025000
AZOAMINE RED ZH see: BY7000000
AZOAMINE SCARLET see: BZ7175000
AZOAMINE SCARLET K see: BZ7175000
AZOBASE MNA see: BY6825000
AZOBENZEN (Czech) see: CN2300000
AZOBENZEEN (Dutch) see: CN1400000

CN1400000 AZOBENZENE
UPDT:8412 CAS: 103-33-3 MW: 182.24 MOLFM: C12-H10-N2
SYN: AZOBENZEEN (Dutch) * AZOBENZIDE * AZOBENZOL * AZOBISBENZENE * AZODIBENZENE * AZODIBENZENEAZOFUME * AZOFUME * BENZENEAZOBENZENE * BENZENE, AZODI * BENZOFUME * DIAZOBENZENE * DIPHENYLDIAZENE * 1,2-DIPHENYLDIAZENE * DIPHENYLDIIMIDE * ENT 14,611 * NCI-C02926 * USAF EK-704

MUTATION DATA AND REFERENCES:
mma-sat 25 ug/plate — ENMUDM 5(Suppl 1),3,83
dni-hmn:lym 40 umol/L — BBRCA9 45,630,71
dnd-rat:lvr 300 umol/L — MUREAV 113,357,83

TUMORIGENIC DATA AND REFERENCES:
2V01P60 orl-rat TDLo:7350 mg/kg/2Y-C — NCITR* NCI-CG-TR-154,79
2V03D45 scu-rat TDLo:17 gm/kg/2Y-I — CANCAR 3,789,50
2V01P60 orl-rat TD :15 gm/kg/2Y-C — NCITR* NCI-CG-TR-154,79

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg — ARSIM* 20,2,66
ipr-mus LD50:500 mg/kg — NTIS** AD277-689
unk-mam LDLo:50 mg/kg — BESAAT 12,117,66

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 8,75,75

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED:RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-154,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED:RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-154,79)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AZOBENZENE, 4-(N-ACETYL-N-METHYL)AMINO-4'-(N',N'-DIMETHYLAMINO)- see: AE2250000
AZOBENZENE, 4-(N-ACETYL-N-METHYL)AMINO-4'-N-METHYLAMINO- see: AE4950000
AZOBENZENE, 4-AMINO- see: BY8225000
AZOBENZENE, 4-AMINO-4'-DIMETHYLAMINO- see: BX5020000
AZOBENZENE, 4,4'-BIS(N-ACETYL-N-METHYLAMINO)- see: AE2295000
alpha,alpha'-AZOBISISOBUTYLONITRILE see: UG0800000

CN2300000 AZOBENZENE, 4-N-CYCLO-ETHYLENEUREIDO-
UPDT:8401 CAS: 64058-30-6 MW: 266.33 MOLFM: C15-H14-N4-O
SYN: AZOBENZEN (Czech) * p-N-CYCLO ETHYLENEUREIDOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:
3V03K60V10 scu-rat TDLo:1140 mg/kg/15W-I — BJPCAL 9,306,54

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CN2400000 AZOBENZENE, 3,6'-DIMETHYL-
UPDT:8401 CAS: 28842-05-9 MW: 210.30 MOLFM: C14-H14-N2
SYN: 2,3'-AZOTOLUENE * 2,3'-DIMETHYLAZOBENZENE * 3,6'-DIMETHYLAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V02M60 orl-rat TDLo:26 gm/kg/36W-C — JPBAA7 58,275,46
3V03L60V10 mul-mus TDLo:400 mg/kg/1 — CNREA8 1,397,41
2V03M60 orl-rat TD :321 gm/kg/36W-C — JPBAA7 58,275,46

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCSAJ 13,271,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
AZOBENZENE, p-DIMETHYLAMINO- see: BX7350000
AZOBENZENE, 4-(DIMETHYLAMINO)-4'-FLUORO- see: BX5595000
AZOBENZENE, p-(N,N-DIMETHYLUREIDO)- see: YT1452000

CN2704900 AZOBENZENE, 2-METHOXY-4-NITRO-
UPDT:8403 CAS: 64042-15-5 MW: 257.27 MOLFM: C13-H11-N3-O3
SYN: DIAZENE, (2-METHOXY-4-NITROPHENYL)PHENYL- (9CI) * 2-METHOXY-4-NITROAZOBENZENE

MUTATION DATA AND REFERENCES:
mma-sat 250 nmol/plate — GANNA2 72,921,81

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CN2705000 AZOBENZENE, 3-METHOXY-4-NITRO-
UPDT:8401 CAS: 5860-84-4 MW: 257.27 MOLFM: C13-H11-N3-O3
SYN: DIAZENE, (3-METHOXY-4-NITROPHENYL)PHENYL- * 3-METHOXY-4-NITROAZOBENZENE

MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate — GANNA2 68,373,77
mma-sat 500 nmol/plate — GANNA2 72,921,81

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
AZOBENZENE, OXIDE see: CO4025000

CN2980000 AZOBENZENE, 3,3',4,4'-TETRACHLORO-
UPDT:8404 CAS: 14047-09-7 MW: 320.00 MOLFM: C12-H6-Cl4-N2
SYN: DIAZENE, BIS(3,4-DICHLOROPHENYL)- (9CI) * TCAB * 3,3',4,4'-TETRACHLOROAZOBENZENE * 3,3',4,4'-TETRACHLOROAZOBENZENE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate — RCOCB8 17,225,77
mmo-asn 5 mg/L — CJMIAZ 16,369,70
dns-rat:lvr 1 umol/L — CALEDQ 6,207,79
otr-mus:fbr 1 mg/L — RCOCB8 17,225,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0981-0409;8EHQ-1281-0424
AZOBENZIDE see: CN1400000
AZOBENZOL see: CN1400000
AZOBISBENZENE see: CN1400000
1,1'-AZOBISCARBAMIDE see: LQ1040000
AZOBISCARBONAMIDE see: LQ1040000
AZOBISCARBOXAMIDE see: LQ1040000
p,p'-AZOBIS(N,N-DIMETHYLANILINE) see: BW7449000
1,1'-AZOBIS(FORMAMIDE) see: LQ1040000
AZOBISISOBUTYLONITRILE see: UG0800000
AZOBISISOBUTYRONITRILE see: UG0800000
2,2'-AZOBIS(ISOBUTYRONITRILE) see: UG0800000
1,1'-AZOBIS(3-METHYL-2-PHENYLIMIDAZO(1,2-a)PYRIDINIUM) DIBROMIDE see: NJ5830100
3,3'-AZOBIS(2-METHYLPROPIONIC ACID) DIETHYL ESTER see: UE7398000
2,2'-AZOBIS(2-METHYLPROPIONITRILE) see: UG0800000
AZOBUTYL see: UQ8225000
AZOCARD BLACK EW see: QJ6160000
AZOCARD BLUE 2B see: QJ6400000
AZOCARD BLUE 6B see: QJ6430000
AZOCARD DARK GREEN B see: QJ6195050
AZOCARD RED 4B see: QK1765000
AZOCARD RED CONGO see: QK1400000
AZOCARD VIOLET N see: QK1420000
AZOCHROMAL ORANGE R see: VO5310000
AZOCHROMOL BLUE BLACK EB see: QK2195000
AZOCINE, 1-(2-GUANIDINOETHYL)OCTAHYDRO- see: MF2975000
AZOCINE, 1-(2-GUANIDINOETHYL)OCTAHYDRO-, SULFATE (2:1) see: MF3240000

CN4810000 2(1H)-AZOCINONE, HEXAHYDRO-
UPDT:8408 CAS: 673-66-5 MW: 127.21 MOLFM: C7-H13-N-O
SYN: 7-AMINOHEPTANOIC ACID LACTAM * AZACYCLOOCTAN-2-ONE * 2-AZACYCLOOCTANONE * ENANTHOLACTAM * omega-ENANTHOLACTAM * zeta-ENANTHOLACTAM * 7-HEPTANELACTAM * HEXAHYDRO-2(1H)-AZOCINONE * OCTAHYDROAZOCIN-2-ONE * OENANTHOLACTAM * 2-PERHYDROAZOCINONE * SUBERONISOXIM (German)

TOXICITY DATA AND REFERENCES:
2F12F29 ipr-mus LD50:270 mg/kg — JPMSAE 60,1058,71
* scu-frg LDLo:250 mg/kg — AEXPBL 50,199,1903

CN4830000 2H-AZONIN-2-ONE, OCTAHYDRO-
UPDT:8311 CAS: 935-30-8 MW: 141.24 MOLFM: C8-H15-N-O
SYN: 8-AMINOOCTANOIC ACID LACTAM * AZACYCLONONAN-2-ONE * 2-AZACYCLONONANONE * CAPRYLLACTAM * eta-CAPRYLLACTAM * CAPRYLOLACTAM * omega-CAPRYLOLACTAM * OCTAHYDRO-2H-AZONIN-2-ONE * 8-OCTANELACTAM * 2-PERHYDROAZONINONE

TOXICITY DATA AND REFERENCES:
3F12F25F29 ipr-mus LD50:185 mg/kg — JPMSAE 60,1058,71

CN4850000 AZOCINE, OCTAHYDRO-, HYDROCHLORIDE mixed with SODIUM NITRITE (1:1)
UPDT:8401
SYN: HEPTAMETHYLENEIMINE mixed with SODIUM NITRITE * OCTAHYDROAZOCINE HYDROCHLORIDE mixed with SODIUM NITRITE (1:1) * SODIUM NITRITE mixed with HEPTAMETHYLENEIMINE * SODIUM NITRITE mixed with OCTAHYDROAZOCINE HYDROCHLORIDE (1:1)

TUMORIGENIC DATA AND REFERENCES:
3V01J60K60 orl-rat TDLo:15 gm/kg/28W-I — NATUAS 244,176,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CN4900000 AZOCINE, OCTAHYDRO-1-NITROSO-
UPDT:8401 CAS: 20917-49-1 MW: 142.23 MOLFM: C7-H14-N2-O

BEST COPY AVA

SYN: NHMI * N-NITROSOAZACYCLOOCTANE * NITROSOHEPTAMETHYLENEIMINE * N-NITROSOHEPTAMETHYLENEIMINE * NITROSO-HEPTAMETHYLENIMIN (German) * OCTAHYDRO-1-NITROSOAZOCINE

MUTATION DATA AND REFERENCES:

mma-sat 50 ug/plate	MUREAV 67,21,79
mma-esc 16700 umol/L	CNREAB 36,4099,76
otr-rat-orl 150 mg/kg	JJIND8 67,1057,81

TUMORIGENIC DATA AND REFERENCES:

3V03D09J60 orl-rat TDLo:150 mg/kg/20W-I	IJCNAW 15,301,75
3V03J60K60 scu-rat TDLo:133 mg/kg/4W-I	IJCNAW 15,301,75
3V03D09K60 orl-ham TDLo:2000 mg/kg/50W-I	ZEKBAI 74,185,70
3V01J60K60 scu-ham TDLo:650 mg/kg/59W-I	JJIND8 61,239,78
3V01J60K60 scu-ham TD :760 mg/kg/46W-I	JJIND8 61,239,78
3V03J60K60 orl-rat TD :1350 mg/kg/30W-I	ZKKOBW 77,257,72
3V03J60K60 orl-rat TD :495 mg/kg/22W-I	PSEBAA 130,945,69
3V03D09J60 scu-ham TD :66 mg/kg/W-I	AJPAA4 93,45,78
2V03J60 orl-rat TD :1200 mg/kg/20W-I	ANTRD4 2,381,82

TOXICITY DATA AND REFERENCES:

orl-rat LD50:283 mg/kg	PSEBAA 130,945,69
scu-ham LD50:220 mg/kg	JJIND8 61,239,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CN5085000 1-AZOCINEPROPANOL, OCTAHYDRO-alpha-(p-CHLOROPHENYL)-, HYDROCHLORIDE

UPDT:8312 MW: 318.32 MOLFM: C16-H24-Cl-N-O Cl-H

SYN: alpha-(p-CHLOROPHENYL)OCTAHYDRO-1-AZOCINEPROPANOL HYDROCHLORIDE * OCTAHYDRO-alpha-(p-CHLOROPHENYL)-1-AZOCINEPROPANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1F29 ipr-mus LD50:150 mg/kg	JPMSAE 54,67,65

AZOCYCLOTIN see: WH8637700
AZODIBENZENE see: CN1400000
AZODIBENZENEAZOFUME see: CN1400000
AZODICARBAMIDE see: LQ1040000
AZODICARBOAMIDE see: LQ1040000
AZODICARBONAMIDE see: LQ1040000
AZODICARBOXAMIDE see: LQ1040000
AZODICARBOXYLIC ACID DIAMIDE see: LQ1040000
2,2'-AZODI-(2,4-DIMETHYL-4-METHOXYVALERONITRILE) (DOT) see: YV8198200
2,2'-AZODI-(2,4-DIMETHYLVALERONITRILE) (DOT) see: YV8198000
AZODI-(1,1'-HEXAHYDROBENZONITRILE) (DOT) see: GU7420000
AZODIISOBUTYRONITRILE see: UG0800000
alpha,alpha'-AZODIISOBUTYRONITRILE see: UG0800000
2,2'-AZODIISOBUTYRONITRILE see: UG0800000
AZODIISOBUTYRONITRILE (DOT) see: UG0800000
AZODINE see: US7875000
AZODIUM see: US7875000
AZODRIN see: TC4375000
AZODRIN INSECTICIDE see: TC4375000
AZO DYE No. 6945 see: BZ6900000
AZODYNE see: US7875000
AZOENE FAST BLUE BASE see: DD0875000
AZOENE FAST BLUE SALT see: DD0875000
AZOENE FAST ORANGE GR BASE see: BY6650000
AZOENE FAST ORANGE GR SALT see: BY6650000
AZOENE FAST RED 3GL BASE see: BX1575000
AZOENE FAST RED 3GL SALT see: BX1575000
AZOENE FAST RED KB BASE see: XU5075000
AZOENE FAST RED TR BASE see: XU5000000
AZOENE FAST RED TR SALT see: XU5250000
AZOENE FAST SCARLET GC BASE see: XU8225000
AZOENE FAST SCARLET GC SALT see: XU8225000
AZOETHANE see: KH4025000
AZOFENE see: TD5175000
AZOFIX BLUE B SALT see: DD0875000
AZOFIX ORANGE GR SALT see: BY6650000
AZOFIX RED GG SALT see: BY7000000
AZOFIX RED 3GL SALT see: BX1575000
AZOFIX SCARLET G SALT see: XU8225000
AZOFOS see: TG0175000
AZOFUME see: CN1400000
AZO GANTRISIN see: US7875000
AZO GANTRISIN see: WO9100000
AZO GASTANOL see: US7875000
AZO-GANTANOL see: WP0700000
AZOGEN DEVELOPER A see: QL2975000
AZOGEN DEVELOPER H see: XS9625000
AZOGENE ECARLATE R see: BZ7175000
AZOGENE FAST BLUE B see: DD0875000
AZOGENE FAST BLUE B SALT see: DD0875000
AZOGENE FAST ORANGE GR see: BY6650000
AZOGENE FAST RED TR see: XU5000000
AZOGENE FAST RED TR see: XU5250000
AZOGENE FAST SCARLET G see: XU8225000
AZO GERANINE 2G see: QJ6030000
AZO GERANINE 2GA see: QJ6030000
AZOIC DIAZO COMPONENT 6 see: BY6650000
AZOIC DIAZO COMPONENT 9 see: BX1575000
AZOIC DIAZO COMPONENT 32 see: XU5075000
AZOIC DIAZO COMPONENT 37 see: BY7000000
AZOIC DIAZO COMPONENT 11 BASE see: XU5250000
AZOIC DIAZO COMPONENT 11, BASE see: XU5000000
AZOIC DIAZO COMPONENT 13, BASE see: BZ7175000
AZOIC RED 36 see: BZ6720000
AZOIMIDE see: MW2800000
AZOKSODON see: RQ2975000
AZOL see: SJ5075000
AZOLAN see: XZ3850000
AZOLE see: UX9275000
AZOLE see: XZ3850000
AZOLID see: UQ8225000

C01030000 AZOLLA PINNATA R. Br., extract

DEF: Indian plant belonging to the family SALVINIACEAE (IJEBA6 7,250,69)

UPDT:8302

SYN: INDURFANI-PANA EXTRACT

TOXICITY DATA AND REFERENCES:

1H30 ipr-mus LD50:250 mg/kg	IJEBA6 7,250,69

AZOLMETAZIN see: WO9275000
AZO-MANDELAMINE see: US7875000
AZOMAT see: CH9000000
AZOMINE see: US7875000
AZOMINE BLACK EWO see: QJ6160000
AZOMINE BLUE 2B see: QJ6400000
AZOMYCIN see: NI7875000
AZONAPHTHOL RED J see: QJ6030000
AZO-NATULAN see: XS4375000
8-AZONIABICYCLO(3.2.1)OCTANE, 8,8-DIMETHYL-3-((1-OXO-2-PROPYLPENTYL)OXY)-, BROMIDE, endo- see: YM3710000
8-AZONIABICYCLO(3.2.1)OCTANE, 3-((HYDROXYPHENYLACETYL)OXY)-8,8-DIMETHYL-, BROMIDE, endo- see: MS9000000
8-AZONIABICYCLO(3.2.1)OCTANE, 8-METHYL-8-PHENOXYCARBONYL-3-HYDROXY-, CARBAZATE (ester) see: YM3545000
AZONIASPIRO COMPOUND XVII see: WH1317560

C01748890 2-AZONIASPIRO(4.5)DECANE, 2-DODECYL-2-METHYL-, IODIDE

UPDT:8308 MW: 449.57 MOLFM: C22-H44-N-I

SYN: 2-DODECYL-2-METHYL-2-AZONIASPIRO(4.5)DECANE IODIDE

TOXICITY DATA AND REFERENCES:

3A11E05F13 ipr-rat LD50:25 mg/kg	JMCMAR 7,78,64

C01748950 2-AZONIASPIRO(4.4)NONANE, 2-ALLYL-2-METHYL-, IODIDE

UPDT:8308 MW: 307.25 MOLFM: C12-H22-N-I

SYN: 2-ALLYL-2-METHYL-2-AZONIASPIRO(4.4)NONANE IODIDE

TOXICITY DATA AND REFERENCES:

2A11F13 ipr-rat LD50:75 mg/kg	JMCMAR 7,78,64

C01749100 3-AZONIASPIRO(5.5)UNDECANE, 3,3,9-TRIMETHYL-, IODIDE

UPDT:8308 MW: 323.30 MOLFM: C13-H26-N-I

SYN: 3,3,9-TRIMETHYL-3-AZONIASPIRO(5.5)UNDECANE IODIDE

TOXICITY DATA AND REFERENCES:

3A11E05F13 ipr-rat LD50:125 mg/kg	JMCMAR 7,78,64

C01750000 1H-AZONINE, OCTAHYDRO-1-NITROSO-

UPDT:8401 CAS: 20917-50-4 MW: 156.26 MOLFM: C8-H16-N-2-O

SYN: N-NITROSOAZACYCLONONANE * N-NITROSOOCTAMETHYLENEIMINE * OCTAHYDRO-1-NITROSO-1H-AZONINE

MUTATION DATA AND REFERENCES:

mma-sat 50 ug/plate	MUREAV 67,21,79

TUMORIGENIC DATA AND REFERENCES:

3V03J60K60 orl-rat TDLo:742 mg/kg/33W-I	PSEBAA 130,945,69

TOXICITY DATA AND REFERENCES:

orl-rat LD50:566 mg/kg	PSEBAA 130,945,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AZOPHEN see: CD2450000
AZOPHENE see: CD2450000
AZOPHENYLENE see: SG1360000
AZOPHLOXIN see: QJ6030000
AZOPHLOXINE see: QJ6030000
AZO PHLOXINE GA see: QJ6030000
AZO PHLOXINE GA-CF see: QJ6030000
AZOPHOS see: TG0175000
AZOPYRIN see: VO6250000
AZO RED R see: QJ6550000
AZO RHODINE 2G see: QJ6030000
AZORUBIN see: QK1925000
AZO RUBINE (biological stain) see: QK1925000
AZO RUBINE see: QK1925000
AZO RUBINE AF see: QK1925000
AZO RUBINE EXTRA LC see: QK1925000
AZO RUBINE for FOOD see: QK1925000
AZO RUBINE LZ see: QK1925000
AZO RUBINE S see: QJ6550000
AZO RUBINE S see: QK1925000
AZO RUBINE SF see: QJ6550000
AZO RUBINE S.FQ see: QJ6550000
AZO RUBINE S SPECIALLY PURE see: QK1925000
AZO RUBIN EXTRA see: QK1925000
AZO RUBINE XX see: QK1925000
AZO RUBIN S see: QK1925000
AZORUBIN S see: QJ6550000
AZO RUBIN XX see: QK1925000
AZO RUBY S see: QJ6550000
AZOSALT R see: ST3150000
AZOSEMIDE see: WO8900000
AZOSEPTALE see: WP2360000
AZOSSIBENZENE (Italian) see: CO4025000
AZO-STANDARD see: US7875000
AZO-STAT see: US7875000
AZOSULFIZIN see: WO9100000
AZOTE (French) see: QW9800000
AZOTHIOPRINE see: UO8925000
AZOTHOATE see: TE8100000
AZOTIC ACID see: QU5775000
AZOTO (Italian) see: QW9800000
2,3'-AZOTOLUENE see: CN2400000

C03670000 m,o'-AZOTOLUENE, 4-NITRO-

UPDT:8303 MW: 255.30 MOLFM: C14-H13-N3-O2

SYN: 2',3-DIMETHYL-4-NITROSOAZOBENZENE * 4-NITRO-m,o-AZOTOLUENE

MUTATION DATA AND REFERENCES:

mmo-sat 100 nmol/plate	CRNGDP 3,1113,82
mma-sat 100 nmol/plate	CRNGDP 3,1113,82

AZOTOWY KWAS (Polish) see: QU5775000
AZOTOX see: KJ3325000
AZOTREX see: US7875000
AZOTURE DE SODIUM (French) see: VY8050000
AZOTU TLENKI (Polish) see: QX0700000
AZOXODONE see: RQ2975000
AZOXYAETHAN (German) see: HM2970000
AZOXYBENZEEN (Dutch) see: CO4025000

C04025000 AZOXYBENZENE

UPDT:8411 CAS: 495-48-7 MW: 198.24 MOLFM: C12-H10-N2-O

SYN: AZOBENZENE OXIDE * AZOSSIBENZENE (Italian) * AZOXYBENZEEN (Dutch) * AZOXYBENZIDE * AZOXYBENZOL (German) * AZOXYDIBENZENE * BENZENE, AZOXYDI- * DIAZENE DIPHENYL-, 1-OXIDE (9CI) * ORDINARY AZOXYBENZENE

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD	AMIHBC 10,61,54
eye-rbt 500 mg open	AMIHBC 10,61,54

MUTATION DATA AND REFERENCES:

mma-sat 10 ug/plate	PMRSDJ 1,271,81
mma-esc 50 ug/plate	PMRSDJ 1,351,81
dnr-esc 500 mg/L	PMRSDJ 1,195,81
dnd-bcs 1 mg/disc	PMRSDJ 1,175,81
mmo-smc 250 mg/L	PMRSDJ 1,414,81
mrc-smc 196 ppm	PMRSDJ 1,481,81

BEST COPY AVAILABLE

mnt-mus-ipr 6400 ug/kg PMRSDJ 1,686,81
otr-ham:kdy 33400 ug/L PMRSDJ 1,626,81

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:620 mg/kg AMIHBC 10,61,54
orl-mus LD50:515 mg/kg KYDKAJ 21,25,76
ipr-mus LDLo:500 mg/kg CBCCT* 7,389,55
* skn-rbt LD50:1090 mg/kg AMIHBC 10,61,54
scu-rbt LDLo:250 mg/kg AEXPBL 35,401,1895

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

C04150000 AZOXYBENZENE, 3,3',4,4'-TETRACHLORO-
UPDT:8411 CAS: 21232-47-3 MW: 336.00 MOLFM: C12-H6-Cl4-N2-O

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T35 ipr-mus TDLo:16 mg/kg (12D preg) ARTODN 55,20,84
2T43T53 ipr-mus TDLo:6 mg/kg (11D preg) ARTODN 55,20,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AZOXYBENZIDE see: CO4025000
AZOXYBENZOL (German) see: CO4025000
(E)-AZOXYBIS(METHYLENE) BIS(3-CHLOROBENZOATE) see: DG4976600
AZOXYDIBENZENE see: CO4025000
AZOXYETHANE see: HM2970000
AZOXYMETHANE see: PA2975000
AZQ see: GU4808000
AZTHREONAM see: UA2451400 PROPANOIC ACID, 2-(((1-(2-AMINO-4-THIAZOLYL)-2-((2-METHYL-4-OXO-1SULFO-3-AZETIDINYL)AMINO)- 2-OXOETHYLIDENE)AMINO)OXY)-2-METHYL-, (2S-(2-alpha,3-beta(Z)))-
AZTHREONAM DISODIUM see: UA2451500
AZTREONAM see: UA2451400 PROPANOIC ACID, 2-(((1-(2-AMINO-4-THIAZOLYL)-2-((2-METHYL-4-OXO-1-SULFO-3-AZETIDINYL)AMINO)- 2-OXOETHYLIDENE)AMINO)OXY)-2-METHYL-, (2S-(2-alpha,3-beta(Z)))-
AZTREONAM DISODIUM see: UA2451500

C04570000 AZULENE
UPDT:8405 CAS: 275-51-4 MW: 128.18 MOLFM: C10-H8
SYN: BICYCLO(5.3.0)DECAPENTAENE * BICYCLO(0.3.5)DECA-1,3,5,7,9-PENTAENE * BICYCLO(5.3.0)-DECA-2,4,6,8,10-PENTAENE * CYCLOPENTACYCLOHEPTENE

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:180 mg/kg NIIRDN 6,13,82
* scu-rat LD50:520 mg/kg NIIRDN 6,13,82
* ipr-mus LD50:108 mg/kg NIIRDN 6,13,82
* scu-mus LD50:145 mg/kg NIIRDN 6,13,82
* ivn-mus LD50:56 mg/kg CSLNX* NX#07952

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

C04780000 AZULENE, 1,4-DIMETHYL-7-ETHYL-
UPDT:8403 CAS: 529-05-5 MW: 184.30 MOLFM: C14-H16
SYN: AZULENE, 7-ETHYL-1,4-DIMETHYL- * BA 2784 * CAMAZULENE * CHAMAZULEN * CHAMAZULENE * 1,4-DIMETHYL-7-ETHYL-7-ULENE * DIMETHULENE * DIMETHWLEN * 7-ETHYL-1,4-DIMETHYLAZULENE * KAMILLENOEL (German)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:10 gm/kg ARZNAD 19,615,69
* ims-mus LD50:3 gm/kg MEIEDD 10,283,83

AZULENE, 7-ETHYL-1,4-DIMETHYL- see: CO4780000
AZULENE, 1,2,3,4,5,6,7,8-OCTAHYDRO-1,4-DIMETHYL-7-(1-METHYLETHYLIDENE)-, (1S,cis)- (9CI) see: ME6344000

C04822000 AZULENE, 1,2,3,4,5,6,7,8-OCTAHYDRO-1,4-DIMETHYL-7-(1-METHYLETHYLIDENE)-, MONOEPOXIDE
UPDT:8411 CAS: 68071-23-8 MW: 220.39 MOLFM: C15-H24-O

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 21,851,83

C04830000 AZULENO(6,5-b)FURAN-2,5-DIONE, DECAHYDRO-4-HYDROXY-4a,8-DIMETHYL-3-METHYLENE-, (3aS-(3a- alpha,4-alpha,4a-beta,7a-alpha,8-alpha,9a-alpha))-
UPDT:8406 CAS: 25412-73-8 MW: 264.35 MOLFM: C15-H20-O4
SYN: 10-alpha-H-AMBROSA-11(13)-EN-12-OIC ACID, 6-alpha,8-beta-DIHYDROXY-4-OXO- 12,8-LACTONE * DIHYDROHELENALIN * 2,3-DIHYDROHELENALIN

MUTATION DATA AND REFERENCES:
dni-mus:ast 2143 umol/L JPMSAE 67,1235,78

6-AZULENOL, 1,2,3,3a,4,5,6,8a-OCTAHYDRO-4,8-DIMETHYL-2-(1-METHYLETHYLIDENE)-, ACETATE see: CO4270000

C04870000 6-AZULENOL, 1,2,3,3a,4,5,6,8a-OCTAHYDRO-2-ISOPROPYLIDENE-4,8-DIMETHYL-, ACETATE
UPDT:8305 CAS: 117-98-6 MW: 263.44 MOLFM: C17-H27-O2
SYN: ACETIC ACID, VETIVEROL ESTER * 6-AZULENOL, 1,2,3,3a,4,5,6,8a-OCTAHYDRO-4,8-DIMETHYL-2-(1-METHYLETHYLIDENE)-, ACETATE * VETIVER ACETATE * VETIVEROL ACETATE * VETIVERT ACETATE * VETIVERYL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,1011,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

C04900000 AZULENO(5,6,7-cd)PHENALENE
UPDT:8401 CAS: 6580-41-2 MW: 252.32 MOLFM: C20-H12

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:80 mg/kg/4W-I PAACA3 10,12,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

C04950000 AZULENO(5,6,7-cd)PHENALENE, METHYL-
UPDT:8401 CAS: 28390-42-3 MW: 266.35 MOLFM: C21-H14
SYN: METHYL-AZULENO(5,6,7-c,d)PHENALENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:80 mg/kg/4W-I NATWAY 57,499,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

AZULFIDINE see: VO6250000
AZUNTHOL see: GN6300000
AZUR see: XY8575000
6-AZUR see: XY8575000
AZURE A see: SP5660000
AZURE B see: SO5550000
AZURE C see: SP5680000
AZURE I see: SO5550000
AZUREN see: NS1750000
AZUR I see: SO5550000
6-AZURIDINE see: XY8575000
AZURRO DIRETTO 3B see: QJ6475000
2B see: BO7000000
B-9 see: WM6250000
B-10 see: SP0218000
B 10 see: FJ5950000
B 10 (POLYSACCHARIDE) see: FJ5950000
B-12 see: GG3750000
B-28 see: XZ6157090
B 32 see: AT6970000
B32 see: SM0700000
B-35 see: TQ9800000
B 37 see: GD6480000
B 75 see: NI2200000
B/77 see: TE0960000
B 127 see: VA2976000
B-203 see: TQ9800000
B-216 see: TQ9800000
B 227 see: VA3402000
B-300 see: TQ9800000
B-343 see: CH4025000
B-350 see: TQ9800000
B 360 see: UH1925000
B 377 see: FF8950000
B 404 see: TF4550000
B-436 see: SH6480000
B 518 see: RP5950000
B 576 see: RP[illegible]6500
B 577 see: CB[illegible]00000
B 583 see: JL9626000
B586 see: EK1050000
B-622 see: XY7175000
693B see: CJ1330000
708-B see: GU4760000
B 717 see: RP6156000
B 995 see: WM9625000
B-1,776 see: TG5425000
B1420 see: AG9625000
B-1843 see: KU8085000
B2837 see: KL9372000
B-3015 see: EZ7260000
B 3356 see: EZ7259400
B-4130 see: DG0895000
4738-B see: SG1643000
B 4992 see: OX0700000
B 5333 see: EZ9033500
B 6518 see: ES8352000 BUTYRIC ACID, 4-(p-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDO)-
B 6628 see: RC6309300 NORLEUCINE, N-(p-CHLOROBENZOYL)-N-(2,6-XYLYL)-
B 6639 see: RC6309200 NORLEUCINE, N-(p-CHLOROBENZOYL)-N-(3,4-DIMETHOXYPHENYL)-
B-9002 see: QK5775000
B 9381 see: TB4980000
B-9395 see: TF2500000
B-10094 see: TB1750000
B-10117 see: TA4200000
B 10288 see: TB5050000
B-10423 see: TF3550000
B-11110 see: TA9030000
B-11113 see: KA5540000
B-11157 see: KA5542000
B 11163 see: TF7180000
B-14437 see: CB9376675
B-15000 see: CZ2235000 1,3-BENZENEDICARBOXAMIDE, N,N'-BIS(2-HYDROXY-1-(HYDROXYMETHYL)ETHYL)5-((2-HYDROXY-1- OXOPROPYL)AMINO)-2,4,6-TRIIODO-, (S)-
B-15645 see: CB9376677
B 29493 see: TF9625000
B-33172 see: DD9010000
B 37344 see: FC5775000
B4-1848 see: CV2309000
B 66141 see: RC6308500 NORLEUCINE, N-ACETYL-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
B 66143 see: RC6309400 NORLEUCINE, N-(m-CHLOROPHENYL)-N-PROPIONYL-
B-66256 see: YQ9862000
B 66347 see: ES8812000 BUTYRIC ACID, 4-(p-CHLORO-N-2,6-XYLYLBENZAMIDO)-
B 66356 see: AY4346000 beta-ALANINE, N-(p-CHLOROBENZOYL)-N-2,6-XYLYL-
B 67338 see: ET6720000 BUTYRIC ACID, 4-(N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ACETAMIDO)-
B 67344 see: ES8395000 BUTYRIC ACID, 4-(N-(m-CHLOROPHENYL)ACETAMIDO)-
B 67347 see: ES8812000 BUTYRIC ACID, 4-(p-CHLORO-N-2,6-XYLYLBENZAMIDO)-
B 67348 see: ES8138400 BUTYRIC ACID, 4-(p-CHLORO-N-(p-ETHOXYPHENYL)BENZAMIDO)-
B 67350 see: ES8138000 BUTYRIC ACID, 4-(p-CHLORO-N-(2,4-DIMETHOXYPHENYL)BENZAMIDO)-
B 67353 see: ES8138200 BUTYRIC ACID, 4-(p-CHLORO-N-(3,4-DIMETHOXYPHENYL)BENZAMIDO)-
B 67358 see: ES8810000 BUTYRIC ACID, 4-(o-CHLORO-N-2,6-XYLYLBENZAMIDO)-
70-3148 see: BW9500000
B 77488 see: MD4740000
B 777-81 see: TM4255000
B-98891 see: PY6140000
B2-16038 see: MA4026950
BA see: JR1230000
BA see: CV9275000
BA-4 see: CB9633500
BA-4 see: PY4910200
BA-77 see: QO2999000
BA 168 see: NJ2570000
BA 1355 see: FA4440000
BA 2650 see: AE7175000
BA 2652 see: WJ5250000
BA 2666 see: QD0194000
Ba 2712 see: PC1980700
BA 2726 see: WH6880000
BA 2784 see: CO4780000
BA-5473 see: BP7625000
BA 5968 see: TH8925000
BA 5968 see: TH9000000
BA 7205 see: SH0683700
BA 30,803 see: KJ4550000
BA 32644 see: NJ1050000
BA 34276 see: KJ4555000
Ba 34647 see: MW5084200
36278-Ba see: XI0370000
Ba-39089 see: UA5277000
Ba 49249 see: RC8945400
Ba 36278 see: XI0370000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

BA 51-084786 see: FC5250000
BA 51-090278 see: RQ2280000
BA 51-090462 see: HO6125000
BAAM see: ZF0480000
BABN see: EL1250000
BABROCID see: LT7700000
BABUL STEM BARK EXTRACT (Indian) see: AA7680000
BABURAN see: VC4022500
B(c)AC see: CU2975000
BACACIL see: XH8490000
BACAMPICILLIN HYDROCHLORIDE see: XH8490000
BACARATE see: QE2450000

C09135000 BACCARTOL
DEF Produced by reaction of CITRONELLA OIL with ACETONE (FCTXAV 18,649,80)
UPDT 8305
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 18,653,80

BACCIDAL see: VB2005000
BA 32644 CIBA see: NJ1050000
B'' -ACID see: OK5950000
BACIGUENT see: CP0175000
BACI-JEL see: CP0175000
BACILIQUIN see: CP0175000
BACILLIN see: NS1750000
BACILLIN see: RN8763000
BACILLOL see: GO5950000
BACILLOPEPTIDASE A see: CO9550000
BACILLOPEPTIDASE B see: CO9550000

C09550000 BACILLUS SUBTILIS CARLSBERG
UPDT 8305 CAS: 9014-01-1
SYN: ALCALASE * ALK-ENZYME * BACILLOPEPTIDASE A * BACILLOPEPTIDASE B * BIOPRASE * COLISTINASE * E.C. 3.4.4.16 * E.C. 3.4.21.14 * MAXATASE * NAGARSE * SUBTILISIN (9CI) * SUBTILISIN BPN' * SUBTILISIN CARLSBURG * SUBTILISIN NOVO * SUBTILOPEPTIDASE A * SUBTILOPEPTIDASE B * SUBTILOPEPTIDASE BPN' * SUBTILOPEPTIDASE C * THERMOASE PC-10
IRRITATION DATA AND REFERENCES:
eye-rbt 3 mg MOD — FCTXAV 7,581,69
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3700 mg/kg — FCTXAV 7,581,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BACILLUS THURINGIENSIS EXOTOXIN see: LF2995000
BACILYSIN see: RN8763000
BACIMETHRIN see: UV9278000
BACITEK OINTMENT see: CP0175000
BACITRACIN METHYLENEDISALICYLATE see: CP0749000
BACLOFEN see: MW5084200
BACLON see: MW5084200
BACTINE see: BO7380000

CP0175000 BACITRACIN
UPDT 8406 CAS: 1405-87-4
SYN: AYFIVIN * BACIGUENT * BACI-JEL * BACILIQUIN * BACITEK OINTMENT * FORTRACIN * PARENTRACIN * PENITRACIN * TOPITRACIN * TOPITRASIN * USAF CB-7 * ZUTRACIN
MUTATION DATA AND REFERENCES:
dnd-esc 5 umol/L — MUREAV 89,95,81
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:190 mg/kg — PSEBAA 64,503,47
2F07F15 orl-mus LD50:25 mg/kg — ANTCAO 1,387,51
ipr-mus LD50:300 mg/kg — NTIS** AD277-689
scu-mus LDLo:1300 mg/kg — ANTCAO 1,387,51
ivn-mus LD50:360 mg/kg — ANTCAO 1,387,51
" orl-gpg LD50:2 gm/kg — ANTCAO 4,304,54
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MMWOAU 115(39),1661,73; AJMEAZ 38,409,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CP0749000 BACITRACIN, METHYLENEBIS(2-HYDROXYBENZOATE)
UPDT 8402 CAS: 55852-84-1
SYN: BACITRACIN METHYLENEDISALICYLATE * BMD * FORTRACIN (BACITRACIN-MD) * KEMITRACIN 10 * MD BACITRACIN
TOXICITY DATA AND REFERENCES:
" orl-gpg LD50:2 gm/kg — ANTCAO 4,304,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BACLON see: MW5084200
BACO AF 260 see: BD0940000

CP0840000 BACOPA MONNIERI (L.) Pennell, extract
DEF Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 7,250,69)
UPDT 8302
SYN: BRAHMI EXTRACT
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:50 mg/kg — IJEBA6 7,250,69

BACTERAMID see: WO8400000
BACTERIAL VITAMIN H1 see: DG1400000
BACTESID see: WO8400000
BACTESULF see: WO9100000
BACTOCILL see: XH9100000
BACTOL see: VC5075000
BACTOLATEX see: WL6475000
BACTOPEN see: XH8920000
BACTRAMIN see: UV8240000
BACTRAMYL see: UV1153900
BACTRATYCIN see: YP2975000
BACTRIM see: UV8240000
BACTRIM see: WP0700000
BACTROL see: DV7700000
BACTROMIN see: UV8240000
BACTROVET see: WO9030000
BADEN ACID see: QK1271000
BA 1,2-DIHYDRODIOL see: CW1780000
BA 3,4-DIHYDRODIOL see: CW1783000
Ba 5,6-DIHYDRODIOL see: CW1786000
BA-5,6-trans-DIHYDRODIOL see: CW1786000
BA 8,9-DIHYDRODIOL see: CW1790000
BA-5,6-cis-DIHYDRODIOL see: CW4630000
BA 10,11-DIHYDRODIOL see: CW1795000
BADIL see: BO9000000
BA 1,2-DIOL-3,4-EPOXIDE I see: CX3072500
BA 3,4-DIOL-1,2-EPOXIDE-1 see: CW1795065
BA 3,4-DIOL-1,2-EPOXIDE I see: CX3072000
BA 3,4-DIOL-1,2-EPOXIDE-2 see: CX3072000
BA 10,11-DIOL-8,9-EPOXIDE I see: CX3078000
BA 8,9-DIOL-10,11-EPOXIDE I see: CX3055000
BA-8,9-DIOL 10,11-OXIDE see: CX3074700
BADISCHE ACID see: QK1271000
BAFHAMERITIN-M see: CB4550000
BAGHNAKH SEED EXTRACT (Indian) see: OQ0778000
BAGLOI EXTRACT (Indian) see: VN3016000
BAGODRYL see: KR6825000
BAGOLAX see: FJ5959000
BAIBIRANG EXTRACT (Indian) see: JY1732000
BAISA STEM BARK EXTRACT (Indian) see: VO9222000
BAJRA-DANTI EXTRACT (Indian) see: TT7183500
BAKAIN STEM BARK EXTRACT (Indian) see: OS2152000
BAKARU EXTRACT (Indian) see: OJ9456420
BAKELITE see: KV0350000
BAKELITE see: AT6970000
BAKELITE AYAA see: AK0920000
BAKELITE AYAF see: AK0920000
BAKELITE AYAT see: AK0920000
BAKELITE DFD 330 see: TQ3325000
BAKELITE DHDA 4080 see: TQ3325000
BAKELITE DYNH see: TQ3325000
BAKELITE LP 70 see: AK0950000
BAKELITE LP 90 see: AK0920000
BAKELITE QSAH 7 see: KV0350000
BAKELITE QYAC 10 see: KV0350000
BAKELITE QYJV 1 see: KV0350000
BAKELITE QYOH-1 see: KV0350000
BAKELITE QYSL 7 see: KV0350000
BAKELITE QYTO 7 see: KV0350000
BAKELITE RMD 4511 see: AT6978000
BAKELITE SMD 3500 see: WL6475000
BAKELITE UCA 3310 see: KV0350000
BAKELITE VLFV see: AK0950000
BAKELITE VMCC see: AK0950000
BAKELITE VSJD 10 see: AK0950000
BAKELITE VYHD see: AK0950000
BAKELITE VYHH see: AK0950000
BAKELITE VYHN see: AK0950000
BAKELITE VYNS see: AK0950000
BAKELITE VYNW see: AK0950000
BAKER'S ANTIFOL see: XS3675000
BAKER'S P AND S LIQUID AND OINTMENT see: SJ3325000
BAKING SODA see: VZ0950000
BAKONTAL see: CR0600000
BAKTAR see: UV8240000
BAKTOL see: GO7100000
BAKTOLAN see: GO7100000
BAL see: UB2625000

CP2200000 BALAGRIN
UPDT 8408 CAS: 71330-43-3
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T76 orl-rat TDLo:4675 mg/kg (MGN) — ARTODN (Suppl 4),459,80
TOXICITY DATA AND REFERENCES:
1L30 orl-rat LD50:1100 mg/kg — PRKHDK 4,20,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BALAN see: XU4550000

CP2275500 BALANITES AEGYPTIACA (Linn.) Delile, stem bark extract
DEF Indian plant belonging to the family SIMARUBACEAE (IJEBA6 11,43,73)
UPDT 8302
SYN: HINGAN STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:375 mg/kg — IJEBA6 11,43,73

BALDRIAN OEL (German) see: CP2290000

CP2290000 BALDRIAN OIL
UPDT 8408 CAS: 8008-88-6
SYN: BALDRIAN OEL (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:15 gm/kg — PHARAT 14,435,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BALDRINAL see: GY5825000
BALDRISEDON see: EK7902000
BALFIN see: XU4550000
BALFON 7000 see: KX4025000
BALIOMEL see: UW5954800

CP2315000 BALIOSPERMUM MONTANUM Muell.-Arg., extract
DEF Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 9,91,71)
UPDT 8302
SYN: BAN-RENDI EXTRACT
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:250 mg/kg — IJEBA6 9,91,71

BALMADREN see: DO2625000
BALSAM CAPIVI see: CP2350000

CP2350000 BALSAM COPAIBA
BALUSAG ETRACT (Indian) see: LY9990000
UPDT 8305 CAS: 8001-61-4
SYN: BALSAM CAPIVI * BALSAMS, COPAIBA * COPAIBA BALSAM * COPAIBA OLEORESIN * JESUIT'S BALSAM
TOXICITY DATA AND REFERENCES:
" orl-rat LD50:5 gm/kg — FCTXAV 14,687,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BALSAM GURJUN see: MG1035000
BALSAMS, COPAIBA see: CP2350000

CP2355000 BALSAM TOLU
UPDT 8405 CAS: 9000-64-0
SYN: BALSAMS, TOLU * OPOBALSAM * RESIN TOLU * THOMAS BALSAM * TOLU * TOLU BALSAM GUM * TOLU BALSAM TINCTURE * TOLU RESIN
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — FCTXAV 14,689,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BALSAMS, TOLU see: CP2355000
BAMBERMYCIN see: QA3020000
BAMBICORT see: GM8960000

CP2359500 BAMBUSA NUTANS Wall., extract excluding roots
DEF Indian plant belonging to the family GRAMINEAE (IJEBA6 18,594,80)
UPDT 8411
TOXICITY DATA AND REFERENCES:
1N22 ipr-mus LD50:750 mg/kg — IJEBA6 18,594,80

BEST COPY AVAILABLE

BAMD 400 see: TZ0175000
BAMETAN SULFATE see: DN9205000
BAMETHAN see: DN9200000
BAMETHANE see: DN9200000
BAMETHAN SULFATE see: DN9205000
BAMIFYLLINE see: XH4900000
B-AMIN see: XI6550000
BAMIPHYLLINE see: XH4900000
BAMN see: AF7477000
BAMO 400 see: TZ0175000
BAMRUT EXTRACT (Indian) see: OH2810000
BANABIN see: XJ1050000
BANABIN-SINTYAL see: XJ1050000
BANA EXTRACT (Indian) see: OJ9690000
BANAFINE see: XU4550000
BAN-AJWAN EXTRACT (Indian) see: XP3356735
BANAMITE see: DM6700000
BANANA OIL see: NS9800000
BANARAT see: TW3570000
BANASIL see: ZG0350000
BANBOGARI EXTRACT (Indian) see: VQ6090000
BANCOL see: DB8000000
BANDA EXTRACT see: OJ9695000
BANDA EXTRACT (Indian) see: HF9295000
BANDA EXTRACT (Indian) see: MH4393000

CP2975000 BANDANE
UPDT:8309 CAS: 8029-29-6
SYN: HALTS * POLYCHLORODICYCLOPENTADIENE * POLYCHLORODICYCLOPENTADIENE ISOMERS
TOXICITY DATA AND REFERENCES:
orl-rat LD50:504 mg/kg WRPCA2 9,119,70
skn-rat LD50:12 gm/kg 27ZTAP 3,20,69

BANDA-NIKKE EXTRACT (Indian) see: HF9296000
BANDEX N see: DG7506000
BANEWORT see: CT3750000
BANEX see: DG7525000
BANGTON see: GW5075000
BANHALUD RHIZOME EXTRACT (Indian) see: GS3774030
BAN-HOE see: FD9100000
BANISIL see: ZG0350000
BANJH STEM BARK EXTRACT (Indian) see: UZ6250000
BANJAURI (Indian) see: YY3970500 VICOA INDICA Willd. D.C.
BANJOAN FRUIT EXTRACT (Indian) see: VU4010000
BANKAKRI EXTRACT (Indian) see: MK6251400
BANKALMI EXTRACT (Indian) see: NO2162000
BANLEN see: DG7525000
BANMARA EXTRACT (Indian) see: LE5797000
BANMINTH see: UW0249000
BANNIMBU, extract (Indian) see: GF1221000 CLAUSENA PENTAPHYLLA (Roxb.) DC., extractexcluding roots
BANOCIDE see: TL1225000
BANOL see: FB6825000
BANOL TUCO 50K see: FB6825000
BANOL TURF FUNGICIDE see: EZ8860000
BAN-RENDI EXTRACT (Indian) see: CP2315000
BANROT see: FD0478000
BANSAMPA, extract (Indian) see: JM5140000 DIPTEROCARPUS INDICUS Bedd., extract excludingroots
BANSI EXTRACT (Indian) see: QQ8160000
BAN SEM EXTRACT (Indian) see: JS3885000
17-beta-BA-19-NT see: KG7964500
BANTEJPAT EXTRACT (Indian) see: GE1430000
BANTHIN see: BP7632500
BANTHINE see: BP7632500
BANTHINE BROMIDE see: BP7632500
BANTHIONINE see: PD0456000
BANTROL see: DI4025000
BANTU see: YT9275000
BANVEL see: DG7525000

CP4440000 BANVEL 520
DEF:An oil-soluble premix of 1.0 pounds/gallon DICAMBA and 1.9 pounds/gallon 2,4-D(FMCHA2 -,C24,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1960 mg/kg FMCHA2 -,C24,83

BANVEL 720 see: DG7506100
BANVEL CST see: DG7525000
BANVEL D see: DG7525000
BANVEL 72D see: DG7506100
BANVEL-2,4-D mixture see: DG7506100
BANVEL HERBICIDE see: DG7525000
BANVEL II HERBICIDE see: DG7525000

CP4600000 BANVEL K
UPDT:8309 CAS: 12772-80-4
SYN: BANVEL K HERBICIDE
TOXICITY DATA AND REFERENCES:
* orl-mam LD50:2500 mg/kg FMCHA2 -,C24,83

BANVEL K HERBICIDE see: CP4600000
BANVEL M see: DG7506000
BANVEL 4S see: DG7525000
BANVEL T see: BZ5075000
BANVEL 4WS see: DG7525000
BAP see: UB8758000
BAPC see: XH8490000
BAPN see: UG0350000
BAPN FUMARATE see: UG0700000
BAPTITOXIN see: HA4025000
BAPTITOXINE see: HA4025000
BAQD 10 see: VA0700000
BAQD 12 see: VA0720000
BAQD 14 see: VA0744600
BARA-CHARCHER A LAHARA EXTRACT (Indian) see: ZB0953000
BARACOUMIN see: GN7875000
BARA KHUDIPANA EXTRACT (Indian) see: OG8225350
BARAKULANJAN RHIZOME EXTRACT (Indian) see: BC9487000
BARAMINE see: KR6825000
BARAZAE see: WO9100000
BARBALLYL see: CQ3325000
BARBALOIN see: LZ6520000
BARBAMATE see: FD7700000
BARBAMYL see: CQ5250000
BARBAN see: FD7700000
BARBANE see: FD7700000
BARBAPIL see: CQ6825000
BARBASCO see: DJ2800000
BARBATI EXTRACT (Indian) see: YY6050000
BARBATOLYSIN see: YX4179200
BARBELLEN see: CQ6825000
BARBELLON see: CQ6825000
BARBENYL see: CQ6825000
BARBERRY EXTRACT see: DR9866500
BARBERRY ROOT see: DR9866500
BARBEXACLON see: CQ6832000
BARBEXACLONE see: CQ6832000
BARBEXACLONUM see: CQ6832000
BARBIDAL see: CQ3325000
BARBIDORM see: CQ2625000
BARBILEHAE (BARBILETTAE) see: CQ6825000
BARBIMON see: UW5969200
BARBINAL see: CQ6825000
BARBIPHEN see: CQ6825000
BARBIPHENYL see: CQ6P25000
BARBIPIL see: CQ6825000
BARBITA see: CQ6825000
BARBITAL see: CQ3500000
BARBITAL Na see: CQ3850000
BARBITAL SODIUM see: CQ3850000
BARBITAL SOLUBLE see: CQ3850000
BARBITAL SODIUM deriv. see: CQ3850000
BARBITONE see: CQ3500000
BARBITONE SODIUM see: CQ3850000
BARBITONE, SODIUM deriv. see: CQ3850000

CP8225000 BARBITURIC ACID, 5-ALLYL-5-sec-BUTYL-
UPDT:8403 CAS: 115-44-6 MW: 224.29 MOLFM: C11-H16-N2-O3
SYN: 5-ALLYL-5-sec-BUTYLBARBITURIC ACID * 5-ALLYL-5-(1-METHYLPROPYL) BARBITURIC ACID * BUTALBITAL * sec-BUTYL ALLYL BARBITURIC ACID * LATUSATE * LOTUSATE * 5-(1-METHYLPROPYL)-5-(2-PROPENYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE * PROFUNDOL * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLPROPYL)-5-(2-PROPENYL)- (9CI) * TALBUTAL * WIN 5095
TOXICITY DATA AND REFERENCES:
orl-rat LD50:57500 ug/kg TXAPA9 21,315,72
ipr-rat LDLo:75 mg/kg JPETAB 44,325,32
ivn-rat LDLo:68 mg/kg CLDND*
ivn-mus LDLo:143 mg/kg CLDND*
orl-rbt LDLo:100 mg/kg JPETAB 44,325,32
ipr-rbt LDLo:55 mg/kg JPETAB 44,325,32
iv -rbt LDLo:50 mg/kg JACSAT 57,1961,35
orl-pgn LD50:56 mg/kg TXAPA9 21,315,72
orl-dck LD50:100 mg/kg TXAPA9 21,315,72
orl-bwd LD50:75 mg/kg TXAPA9 21,315,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CP8400000 BARBITURIC ACID, 5-ALLYL-5-(2-CYCLOHEXEN-1-YL)-2-THIO-
UPDT:8303 CAS: 467-36-7 MW: 264.37 MOLFM: C13-H16-N2-O2-S
SYN: 5-ALLYL-5-(2-CYCLOHEXEN-1-YL)-2-THIOBARBITURIC ACID * 5-delta(sup 2,3)-CYCLOHEXENYL-5-ALLYL-2-THIOBARBITURIC ACID * KEMITHAL * 4,6(1H,5H)-PYRIMIDINEDIONE, 5-(2-CYCLOHEXEN-1-YL)DIHYDRO-5-(2-PROPENYL)-2-THIOXO- (9CI) * THIALBARBITAL * THIALBARBITONE * THIALPENTON
TOXICITY DATA AND REFERENCES:
1F05 ivn-rat LD50:175 mg/kg AIPTAK 106,437,56
orl-mus LD50:370 mg/kg BJPCAL 1,215,46
ipr-mus LD50:384 mg/kg BJPCAL 1,215,46
ivn-mus LD50:390 mg/kg BJPCAL 1,215,46

CP8412700 BARBITURIC ACID, 5-ALLYL-5-(2,3-EPOXYPROPYL)-
UPDT:8403 MW: 224.24 MOLFM: C10-H12-N2-O4
SYN: ALLOBARBITAL EPOXIDE * 5-ALLYL-5-(2,3-EPOXYPROPYL)BARBITURIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate MUREAV 111,99,83

CP8495000 BARBITURIC ACID, 5-ALLYL-1-(4-HYDROXYCYCLOHEXYL)-
UPDT:8408 CAS: 4256-27-3 MW: 266.33 MOLFM: C13-H18-N2-O4
SYN: 5-ALLYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2 gm/kg YKKZAJ 89,254,69

CP8575000 BARBITURIC ACID, 5-ALLYL-5-(2-HYDROXYPROPYL)-
UPDT:8403 CAS: 2537-29-3 MW: 226.26 MOLFM: C10-H14-N2-O4
SYN: 5-ALLYL-5-(2-HYDROXYPROPYL)BARBITURIC ACID * 5-ALLYL-5-(beta-HYDROXYPROPYL)MALONYLUREA * AXEEN * CENTRALGOL * CENTRALGYL * HH 184 * HYDROXYDIAL * 5-(2-HYDROXYPROPYL)-5-(2-PROPENYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE * IPRONAL * PROXIBARBAL * PROXIBARBITAL * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(2-HYDROXYPROPYL)-5-(2-PROPENYL)- (9CI) * VASALGIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2500 mg/kg MEIEDD 10,1139,83
* ivn-rbt LD50:1000 mg/kg MEIEDD 10,1139,83

CP8925000 BARBITURIC ACID, 5-ALLYL-5-ISOPROPYL-
UPDT:8405 CAS: 77-02-1 MW: 210.26 MOLFM: C10-H14-N2-O3
SYN: ALLIONAL * ALLONAL * 5-ALLYL-5-ISOPROPYLBARBITURATE * ALLYLISOPROPYLBARBITURIC ACID * 5-ALLYL-5-ISOPROPYLBARBITURIC ACID * ALLYLISOPROPYLMALONYLUREA * ALLYLPROPYMAL * ALLYPROPYMAL * ALURATE * ALURATE ELIXIR VERDUM * APROBARBITAL * APROBARBITONE * APROZAL * ISONAL * ISOPROPYLALLYLBARBITURIC ACID * NUMAL * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLETHYL)-5-(2-PROPENYL)-
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:100 mg/kg JPETAB 44,325,32
* scu-rat LD50:100 mg/kg MEIEDD 10,110,83
ipr-mus LD50:200 mg/kg ARZNAD 12,389,62
orl-rbt LDLo:160 mg/kg JPETAB 44,325,32
ipr-rbt LDLo:90 mg/kg JPETAB 44,325,32
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FNSCA6 2,67,73

CP9450000 BARBITURIC ACID, 5-ALLYL-5-(1-METHYLBUTYL)-
UPDT:8411 CAS: 76-73-3 MW: 238.32 MOLFM: C12-H18-N2-O3
SYN: 5-ALLYL-5-(1-METHYLBUTYL)BARBITURIC ACID * 5-ALLYL-5-(1-METHYLBUTYL)MALONYLUREA * BARBOSEC * EVRONAL * HYPOTROL * IMESONAL * IMMENOCTAL * IMMENOX * MEBALLYMAL * 2,4,6(1H,3H,5H)-PYRIMIDINITRIONE, 5-(1-METHYLBUTYL)-5-(2-PROPENYL) (9CI) QUINALBARBITAL * QUINALBARBITONE * SECOBARBITAL * SECOBARBITONE * SECONAL * TRISOMNIN
TOXICITY DATA AND REFERENCES:
3F17F24K13 orl-wmn TDLo:32 mg/kg BMJOAE 1,1238,55
orl-hmn LDLo:33 mg/kg CTOXAO 10,327,77
orl-rat LDLo:125 mg/kg JPHAA3 26,1248,37
ipr-rat LDLo:110 mg/kg JPHAA3 26,1248,37
scu-rat LDLo:140 mg/kg JPHAA3 26,1248,37
* orl-mus LD50:267 mg/kg OYYAA2 7,1349,73
ipr-mus LD50:116 mg/kg TXAPA9 1,65,59

BEST COPY AVAILABLE

scu-mus LDLo:160 mg/kg JPHAA3 26,1248,37
ivn-mus LDLo:80 mg/kg JPHAA3 26,1248,37
orl-dog LDLo:90 mg/kg JPHAA3 26,1248,37
ipr-cat LDLo:75 mg/kg JPHAA3 26,1248,37
ivn-cat LDLo:50 mg/kg JPHAA3 26,1248,37
ipr-rbt LDLo:50 mg/kg JPHAA3 26,1248,37
scu-rbt LDLo:90 mg/kg JPHAA3 26,1248,37
ivn-rbt LDLo:45 mg/kg JPHAA3 26,1248,37
ipr-gpg LDLo:40 mg/kg JPHAA3 26,1248,37
scu-gpg LDLo:60 mg/kg JPHAA3 26,1248,37
ivn-gpg LDLo:35 mg/kg JPHAA3 26,1248,37
orl-frg LDLo:90 mg/kg JPHAA3 26,1248,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 19,472,39

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CP9450100 BARBITURIC ACID, 5-ALLYL-5-(1-METHYLBUTYL)-, (+)-
UPDT:8311 CAS: 29071-21-4 MW: 238.32 MOLFM: C12-H18-N2-O3
SYN: (+)-5-ALLYL-5-(1-METHYLBUTYL)-BARBITURIC ACID * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLBUTYL)-5-(2-PROPENYL)-, (+)- (9CI) * (+)-SECOBARBITAL

TOXICITY DATA AND REFERENCES:
3F01F13F17 ipr-mus LD50:112 mg/kg EJPHAZ 9,358,70

CP9450200 BARBITURIC ACID, 5-ALLYL-5-(1-METHYLBUTYL)-, (R)-(+)-
UPDT:8311 CAS: 22328-94-5 MW: 238.32 MOLFM: C12-H18-N2-O3
SYN: R(+)-5-ALLYL-5-(1-METHYLBUTYL)-BARBITURIC ACID * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLBUTYL)-5-(2-PROPENYL)-, (R)- (9CI) * R(+)-SECOBARBITAL * (R)-(+)-SECONAL

TOXICITY DATA AND REFERENCES:
3F01F13F17 ipr-mus LD50:137 mg/kg EJPHAZ 9,358,70

CP9450300 BARBITURIC ACID, 5-ALLYL-5-(1-METHYLBUTYL)-, (S)-(-)-
UPDT:8311 CAS: 20224-45-7 MW: 238.32 MOLFM: C12-H18-N2-O3
SYN: S(-)-5-ALLYL-5-(1-METHYLBUTYL)-BARBITURIC ACID * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLBUTYL)-5-(2-PROPENYL)-, (S)- (9CI) * S(-)-SECOBARBITAL

TOXICITY DATA AND REFERENCES:
3F01F13F17 ipr-mus LD50:72 mg/kg EJPHAZ 9,358,70

CP9800000 BARBITURIC ACID, 5-ALLYL-5-(1-METHYLBUTYL)-, SODIUM SALT
UPDT:8405 CAS: 309-43-3 MW: 260.30 MOLFM: C12-H17-N2-O3-Na
SYN: 5-ALLYL-5(1-METHYLBUTYL)BARBITURIC ACID SODIUM DERIVATIVE * 5-ALLYL-5-(1-METHYLBUTYL)BARBITURIC ACID SODIUM SALT * 5-ALLYL 5-(1-METHYLBUTYL)MALONYLUREA SODIUM SALT * BARBOSEC * BIPANAL * BIPINAL SODIUM * EVRRONAL * EVRONAL SODIUM * HYPOTROL * IMESONAL * IMMENOCTAL * MEBALLYMAL SODIUM * 5-(1 METHYLBUTYL)-5-(2-PROPENYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE MONOSODIUM SALT * PRAMIL * PROPYLMETHYLCARBINYLALLYL BARBITURIC ACID SODIUM SALT * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE 5-(1-METHYLBUTYL)-5-(2 PROPENYL)- MONOSODIUM SALT (9CI) * QUINALBARBITONE SODIUM * QUINALSPAN * SEBAR * SECO 8 * SECOBARBITAL SODIUM * SECOBARBITONE * SECOBARBITONE SODIUM * SECONAL SODIUM * SEDUTAIN * SEOTAL * SODIUM 5-ALLYL-5-(1-METHYLBUTYL)BARBITURATE * SODIUM QUINALBARBITONE * SODIUM SECOBARBITAL * SODIUM SECONAL * SYNATE * TRISOMNIN

TOXICITY DATA AND REFERENCES:
orl-rat LD50:125 mg/kg TXAPA9 21,315,72
ipr-rat LDLo:110 mg/kg PSEBAA 32,1563,35
scu-rat LDLo:140 mg/kg PSEBAA 32,1563,35
ivn-rat LD50:65 mg/kg JAPMAB 44,152,55
ipr-mus LD50:112 mg/kg TXAPA9 26,495,73
ivn-mus LD50:100 mg/kg TXAPA9 26,495,73
orl-dog LD50:85 mg/kg JAPMAB 44,152,55
ivn-dog LD50:48 mg/kg JAPMAB 44,152,55
orl-cat LD50:50 mg/kg JPETAB 88,260,46
* orl-rbt LDLo:450 mg/kg NIIRDN 6,401,82
* ipr-rbt LDLo:50 mg/kg NIIRDN 6,401,82
scu-rbt LDLo:90 mg/kg NIIRDN 6,401,82
ivn-rbt LD50:38 mg/kg JAPMAB 44,152,55
orl-pgn LD50:133 mg/kg TXAPA9 21,315,72
orl-dck LD50:75 mg/kg TXAPA9 21,315,72
orl-bwd LD50:75 mg/kg TXAPA9 21,315,72
orl-brd LD50:56 mg/kg TXAPA9 21,315,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BARBITURIC ACID compd. with (+)-N-BENZYL-N,alpha-DIMETHYLPHENETHYLAMINE see: SG9618000

CQ0525000 BARBITURIC ACID, 5-BICYCLO(3.2.1)OCT-2-EN-3-YL-5-ETHYL-
UPDT:8403 CAS: 3625-25-0 MW: 262.34 MOLFM: C14-H18-N2-O3
SYN: 5-BICYCLO(3.2.1)OCT-2-EN-2-YL-5-ETHYLBARBITURIC ACID * 5-BICYCLO(3.2.1)OCT-2-EN-3-YL-5-ETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE * 5-ETHYL-5-(BICYCLO(3.2.1)OCTENYL)BARBITURIC ACID * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-BICYCLO(3.2.1)OCT-2-EN-3-YL-5-ETHYL- (9CI) * REPOSAL * REPOSAL NOVO * REPOSAMAL * WT161

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:175 mg/kg ARZNAD 12,389,62

CQ0548000 BARBITURIC ACID, 1,3-BIS(alpha-(2-DIMETHYLAMINOETHYL)BENZYL)-5-ETHYL-5-PHENYL-, DIHYDROBROMIDE
UPDT:8408 MW: 716.64 MOLFM: C34-H42-N4-O3-2Br-H
SYN: 1,3-BIS(alpha-(2-DIMETHYLAMINOETHYL)BENZYL)-5-ETHYL-5-PHENYLBARBITURIC ACID DIHYDROBROMIDE

TOXICITY DATA AND REFERENCES:
3F12F18F21 scu-mus LD50:680 mg/kg YKKZAJ 81,851,61

CQ0549000 BARBITURIC ACID, 1,3-BIS(4-DIMETHYLAMINO-2-OXOBUTYL)-5-ETHYL-5-PHENYL-, HYDROCHLORIDE, HYDRATE (2:4:3)
UPDT:8408 MW: 558.57 MOLFM: C24-H34-N4-O5-2Cl-H-3-2H2-O
SYN: 1,3-BIS(4-DIMETHYLAMINO-2-OXOBUTYL)-5-ETHYL-5-PHENYLBARBITURIC ACID HCl HYDRATE (2:4:3)

TOXICITY DATA AND REFERENCES:
1F18 scu-mus LD50:100 mg/kg YKKZAJ 81,851,61

CQ0560000 BARBITURIC ACID, 1,3-BIS(METHOXYMETHYL)-5-ETHYL-5-PHENYL-
UPDT:8403 CAS: 27511-99-5 MW: 320.38 MOLFM: C16-H20-N2-O5
SYN: ANTILON * BARBITURIC ACID, 5-ETHYL-1,3-BIS(METHOXYMETHYL)-5-PHENYL- * 1,3-BIS(METHOXYMETHYL)-5-ETHYL 5-PHENYLBARBITURIC ACID * 1,3-BIS(METHOXYMETHYL)PHENOBARBITAL * N,N DIMETHOXYMETHYLPHENOBARBITAL * DMMP * ETEROBARB * ETEROBARBITAL * 5-ETHYL-1,3-BIS(METHOXYMETHYL)-5-PHENYLBARBITURIC ACID * 5-ETHYL-1,3-BIS(METHOXYMETHYL)-5-PHENYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE * EX 12-095 * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-1,3-BIS(METHOXYMETHYL)-5-PHENYL- (9CI)

TOXICITY DATA AND REFERENCES:
orl-mus LD50:470 mg/kg JMCMAR 16,602,73

CQ0630000 BARBITURIC ACID, 1,3-BIS(2-OXO-4-PIPERIDINOBUTYL)-5-ETHYL-5-PHENYL-, DIHYDROCHLORIDE, DIHYDRATE
UPDT:8408 MW: 647.72 MOLFM: C30-H42-N4-O5-2Cl-H-2H2-O
SYN: 1,3-BIS(2-OXO-4-PIPERIDINOBUTYL)-5-ETHYL-5-PHENYLBARBITURIC ACID DIHYDROCHLORIDE DIHYDRATE

TOXICITY DATA AND REFERENCES:
2F18F21 scu-mus LD50:110 mg/kg YKKZAJ 81,851,61

CQ0660000 BARBITURIC ACID, 1,3-BIS(PIPERIDINOMETHYL)-5-ETHYL-5-PHENYL-
UPDT:8303 CAS: 23192-91-8 MW: 426.62 MOLFM: C24-H34-N4-O3
SYN: 1,3-BIS(PIPERIDINOMETHYL)-5-ETHYL-5-PHENYLBARBITURIC ACID * 1,3-BPP * IMET 176-68 * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-PHENYL-1,3-BIS(1-PIPERIDINYLMETHYL)- (9CI) * ZIMET 176-68

TOXICITY DATA AND REFERENCES:
2P30S04 ipr-mus LD50:300 mg/kg CHTHBK 19(5),305,73

CQ0700000 BARBITURIC ACID, 5-(2-BROMOALLYL)-5-sec-BUTYL-
UPDT:8403 CAS: 1142-70-7 MW: 303.19 MOLFM: C11-H15-Br-N2-O3
SYN: 5-(2-BROMOALLYL)-5-sec-BUTYLBARBITURIC ACID * 5-(2-BROMOALLYL)-5-(1-METHYL-n-PROPYL)BARBITURIC ACID * 5-(2-BROMO-2-PROPENYL)-5-(1-METHYLPROPYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE * BUTALLYLONAL * BUTYLALYLONAL * 5-sec-BUTYL-5-(beta-BROMOALLYL)BARBITURIC ACID * PERNOCTON * PERNOSTON * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(2-BROMO-2-PROPENYL)-5-(1-METHYLPROPYL)- (9CI) * SONBUTAL

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:65 mg/kg JPETAB 44,325,32
scu-rat LD50:90 mg/kg AEPPAE 152,341,30
* orl-rbt LDLo:400 mg/kg MEIEDD 10,209,83
ipr-rbt LDLo:75 mg/kg JPETAB 41,465,31
scu-frg LDLo:150 mg/kg PHREA7 19,172,39
orl-mam LDLo:350 mg/kg JPETAB 42,253,31

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 19,472,39

CQ1010000 BARBITURIC ACID, 5-(2-BROMOALLYL)-5-ETHYL-
UPDT:8312 MW: 275.13 MOLFM: C9-H11-Br-N2-O3
SYN: 5-(2-BROMOALLYL)-5-ETHYLBARBITURIC ACID * 5-(ETHYL)-5-(2-BROMOALLYL)BARBITURIC ACID

TOXICITY DATA AND REFERENCES:
3F02F05F07 ipr-rat LD50:140 mg/kg JPMSAE 50,747,61

CQ1050000 BARBITURIC ACID, 5-(2-BROMOALLYL)-5-ISOPROPYL-
UPDT:8403 CAS: 545-93-7 MW: 289.16 MOLFM: C10-H13-Br-N2-O3
SYN: 5-(2-BROMALLYL)-5-ISOPROPYLBARBITURIC ACID * BROMOAPROBARBITAL * 5-(2-BROMO-2-PROPENYL)-5-(1-METHYLETHYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE * IBOMAL * 5-ISOPROPYL-5-BROMALLYLBARBITURIC ACID * 5-ISOPROPYL-5-(2-BROMOALLYL)BARBITUATE * KWIETAL * NOCTAL * NOCTENAL * NOSTAL * NOSTRAL * PROPALDON * PROPALLYLONAL * QUIETAL * QUIETALUM

TOXICITY DATA AND REFERENCES:
ipr-rbt LDLo:60 mg/kg JPETAB 44,325,32
scu-rat LD50:90 mg/kg AEPPAE 152,341,30
scu-mus LDLo:100 mg/kg HBAMAK 4,1289,35
orl-rbt LDLo 225 mg/kg JPETAB 44,325,32
ipr-rbt LDLo:120 mg/kg JPETAB 44,325,32
scu-gpg LDLo:80 mg/kg HBAMAK 4,1289,35
scu-frg LDLo:300 mg/kg HBAMAK 4,1289,35
orl-mam LDLo:300 mg/kg JPETAB 42,253,31

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 19,472,39

CQ1090000 BARBITURIC ACID, 5-(2-BROMOALLYL)-5-METHYL-
UPDT:8312 MW: 261.10 MOLFM: C8-H9-Br-N2-O3
SYN: 5-(2-BROMOALLYL)-5-METHYLBARBITURIC ACID * 5-METHYL-5-(2-BROMOALLYL)BARBITURIC ACID

TOXICITY DATA AND REFERENCES:
3F02F05F07 ipr-rat LD50:326 mg/kg JPMSAE 50,747,61

CQ1401000 BARBITURIC ACID, 5-(2-BROMOALLYL)-5-PROPYL-
UPDT:8312 MW: 288.15 MOLFM: C10-H13-Br-N2-O3
SYN: 5-(2-BROMOALLYL)-5-PROPYLBARBITURIC ACID * 5-(n-PROPYL)-5-(2-BROMOALLYL)BARBITURIC ACID

TOXICITY DATA AND REFERENCES:
3F02F05F07 ipr-rat LD50:177 mg/kg JPMSAE 50,747,61

CQ1497900 BARBITURIC ACID, 5-BUTYL-1-CYCLOHEXYL-
UPDT:8408 CAS: 841-73-6 MW: 266.38 MOLFM: C14-H22-N2-O3
SYN: BCP * BUCOLOM * BUCOLOME * BUCULOME * 5-BUTYL-1-CYCLOHEXYLBARBITURIC ACID * 5-BUTYL-1-CYCLOHEXYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE * 5-n-BUTYL-1-CYCLOHEXYL 2,4,6-TRIOXOPERHYDROPYRIMIDINE * PARAMIDIN * PARAMIDINE * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-BUTYL-1-CYCLOHEXYL-

REPRODUCTIVE EFFECTS DATA AND REFERLNCES:
1T34 orl-rat TDLo:2800 mg/kg (7-13D preg) JJPAAZ 17,381,67

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1115 mg/kg NIIRDN 6,675,82
* ipr-rat LD50:455 mg/kg NIIRDN 6,675,82
1P30 scu-rat LD50:400 mg/kg ADCHAK 53,303,78
* ivn-rat LD50:343 mg/kg NIIRDN 6,675,82
* orl-mus LD50:1550 mg/kg NIIRDN 6,675,82
ipr-mus LD50:550 mg/kg ARZNAD 17,1519,67
* scu-mus LD50:446 mg/kg NIIRDN 6,675,82
* ivn-mus LD50:371 mg/kg NIIRDN 6,675,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ1575000 BARBITURIC ACID, 5-BUTYL-5-ETHYL-
UPDT:8408 CAS: 77-28-1 MW: 212.28 MOLFM: C10-H16-N2-O3
SYN: BUDORM * BUTOBARBITURAL * BUTETHAL * BUTOBARBITAL * BUTOBARBITONE * 5-BUTYL 5-ETHYLBARBITURIC ACID * 5-BUTYL-5-ETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE * 5-ETHYL 5-n-BUTYLBARBITURIC ACID * ETOVAL * HYPERBUTAL * LONGANOCT * MEONAL * MONODORM * NEONAL * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-BUTYL-5-ETHYL- (9CI) * SONERILE * SONERYL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 scu-rat TDLo:1300 mg/kg (7-19D preg) EXPEAM 33,499,77
1T02 ims-rat TDLo:28 mg/kg (7D male) IJEBA6 16,316,78

TOXICITY DATA AND REFERENCES:
3F17F24K13 orl-wmn TDLo:166 mg/kg BMJOAE 1,1238,55
ipr-rat LDLo:135 mg/kg JPETAB 44,325,32
* scu-rat LDLo:200 mg/kg JACSAT 52,2440,30
orl-mus LDLo:100 mg/kg AIPTAK 92,305,53
ipr-mus LD50:320 mg/kg JPETAB 89,356,47
orl-cat LDLo:84 mg/kg PHREA7 19,472,39
orl-rbt LDLo:160 mg/kg JPETAB 44,325,32
ipr-rbt LDLo:115 mg/kg JPETAB 44,325,32
scu-rbt LDLo:100 mg/kg JACSAT 45,243,23
ivn-rbt LDLo:90 mg/kg JACSAT 57,1961,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 19,472,39

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ1750000 BARBITURIC ACID, 5-sec-BUTYL-5-ETHYL-
UPDT:8308 CAS: 125-40-6 MW: 212.28 MOLFM: C10-H16-N2-O3
SYN: BUTABARB * BUTABARBITAL * BUTABARBITONE * BUTATAB * BUTATAL * BUTICAPS * BUTISOL * BUTRATE * 5-sec-BUTYL-5-ETHYLBARBITURIC ACID * 5-sec-BUTYL-5-ETHYLMALONYL UREA * 5-ETHYL-5-(1-METHYLPROPYL)BARBITURATE * 5-ETHYL-5-(1-METHYLPROPYL)BARBITURIC ACID * MEDARSED * NILOX * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-(1-METHYLPROPYL)- (9CI) * SECBUBARBITAL * SECBUTABARBITAL * SECBUTOBARBITONE * UNICELLES

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:70 mg/kg JPETAB 44,325,32
* scu-rat LDLo:140 mg/kg JACSAT 52,2440,30
* ipr-mus LDLo:200 mg/kg JACSAT 58,731,36
1F25 ivn-mus LD50:175 mg/kg AIPTAK 132,164,61
orl-rbt LD50:140 mg/kg JPETAB 44,325,32
ipr-rbt LD50:75 mg/kg JPETAB 44,325,32
scu-rbt LDLo:200 mg/kg JACSAT 45,243,23
ivn-rbt LDLo:90 mg/kg JPPGAR 30,364,32

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 19,472,39; FNSCA6 2,67,73

CQ1900000 BARBITURIC ACID, 5-sec-BUTYL-5-ETHYL-1-METHYL-
UPDT:8308 CAS: 67050-26-4 MW: 226.31 MOLFM: C11-H18-N2-O3

BEST COPY AVAILABLE

SYN: 5-sec-BUTYL-5-ETHYL-1-METHYLBARBITURIC ACID * N-METHYLBUTABARBITAL

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:120 mg/kg	JACSAT 58,1358,36
1F25	ivn-mus LD50:75 mg/kg	AIPTAK 132,164,61
	ivn-rbt LDLo:85 mg/kg	JACSAT 58,1354,36

CQ1953000 BARBITURIC ACID, 5-sec-BUTYL-5-ETHYL-1-METHYL-2-THIO-

UPDT:8308 CAS: 29639-65-4 MW: 242.37 MOLFM: C11-H18-N2-O2-S

SYN: 5-sec-BUTYL-5-ETHYL-1-METHYL-2-THIOBARBITURIC ACID * N-METHYLTHIOETUABARBITAL

TOXICITY DATA AND REFERENCES:

1F25	ivn-mus LD50:72 mg/kg	AIPTAK 132,164,61

CQ2278000 BARBITURIC ACID, 5-sec-BUTYL-5-ETHYL-2-THIO-

UPDT:8308 CAS: 2095-57-0 MW: 228.34 MOLFM: C10-H16-N2-O2-S

SYN: 5-sec-BUTYL-5-ETHYL-2-THIOBARBITURIC ACID * INACTIN * THIOBUTABARBITAL

TOXICITY DATA AND REFERENCES:

1F25	ivn-mus LD50:103 mg/kg	AIPTAK 132,164,61

CQ2310800 BARBITURIC ACID, 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)-

UPDT:8408 CAS: 1031-90-9 MW: 282.38 MOLFM: C14-H22-N2-O4

SYN: 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID * 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)PERHYDROPYRIMIDINE-2,4,6-TRIONE * 5-n-BUTYL-1-(4-HYDROXYCYCLOHEXYL)-2,4,6-TRIOXOPERHYDROPYRIMIDINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2300 mg/kg	TAKHAA 30,801,71

CQ2310900 BARBITURIC ACID, 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)-, ACETATE (ester)

UPDT:8408 CAS: 1042-93-9 MW: 324.42 MOLFM: C16-H24-N2-O5

SYN: 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID ACETATE (ester)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2300 mg/kg	YKKZAJ 89,254,69

CQ2310910 BARBITURIC ACID, 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)-, BENZOATE (ester)

UPDT:8408 CAS: 21330-98-3 MW: 386.49 MOLFM: C21-H26-N2-O5

SYN: 1-(4-BENZOYLOXYCYCLOHEXYL)-5-BUTYLPERHYDROPYRIMIDINE-2,4,5-TRIONE * 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID BENZOATE (ester)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2500 mg/kg	YKKZAJ 89,254,69

CQ2310920 BARBITURIC ACID, 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)-, PROPIONATE (ester)

UPDT:8408 CAS: 21330-95-0 MW: 338.45 MOLFM: C17-H26-N2-O5

SYN: 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID PROPIONATE (ester)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2500 mg/kg	YKKZAJ 89,254,69

CQ2311000 BARBITURIC ACID, 5-BUTYL-5-(2-HYDROXYETHYL)-, CARBAMATE

UPDT:8403 CAS: 960-05-4 MW: 271.31 MOLFM: C11-H17-N3-O5

SYN: 5-(2-((AMINOCARBONYL)OXY)ETHYL)-5-BUTYL-2,4,5(1H,3H,5H)-PYRIMIDINETRIONE * 5-BUTYL-5-CARBAMOYLOXYETHYLBARBITURIC ACID * 5-BUTYL-5-(2-HYDROXYETHYL)BARBITURIC ACID CARBAMATE * CARBAMIC ACID ESTER with 5-BUTYL-5-(2-HYDROXYETHYL)BARBITURIC ACID * CARBAMIC ACID ESTER with 5-(beta-HYDROXYETHYL)-5-BUTYLMALONYLUREA * CARBUBARB * CARBUBARBITAL * 5-(beta-HYDROXYETHYL)-5-BUTYLMALONYLUREA CARBAMATE * NOGEXAN * NOXEGAN * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(2-((AMINOCARBONYL)OXY)ETHYL)-5-BUTYL-(9CI) * TYLEMALUM

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1400 mg/kg	MEIEDD 10,254,83

CQ2386500 BARBITURIC ACID, 5-BUTYL-5-(2-PIPERIDINOETHYL)-

UPDT:8311 MW: 295.43 MOLFM: C15-H25-N3-O3

SYN: 5-BUTYL-5-(2-PIPERIDINOETHYL)BARBITURIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:350 mg/kg	APFRAD 15,533,57

CQ2386520 BARBITURIC ACID, 5-BUTYL-5-(2-PIPERIDINOETHYL)-, HYDROCHLORIDE

UPDT:8311 MW: 331.89 MOLFM: C15-H25-N3-O3 Cl-H

SYN: 5-BUTYL-5-(2-PIPERIDINOETHYL)BARBITURIC ACID HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:150 mg/kg	APFRAD 15,533,57

CQ2440100 BARBITURIC ACID, 1-(p-CHLOROPHENYL)-5-(2-(DIETHYLAMINO)ETHYL)-2-THIO-

UPDT:8408 MW: 353.90 MOLFM: C16-H20-Cl-N3-O2-S

SYN: 1-(p-CHLOROPHENYL)-5-(2-(DIETHYLAMINO)ETHYL)-2-THIOBARBITURIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:660 mg/kg	YKKZAJ 82,976,62

CQ2440200 BARBITURIC ACID, 1-(p-CHLOROPHENYL)-5-(DIETHYLAMINO)-2-THIO-, HEMIHYDRATE

UPDT:8408 MW: 362.85 MOLFM: C14-H16-Cl-N3-O2-S 1/2H2-O

SYN: 1-(p-CHLOROPHENYL)-5-(DIETHYLAMINO)-2-THIOBARBITURIC ACID HEMIHYDRATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:720 mg/kg	YKKZAJ 82,976,62

CQ2440300 BARBITURIC ACID, 1-(p-CHLOROPHENYL)-5-(2-(DIMETHYLAMINO)ETHYL)-2-THIO-

UPDT:8408 MW: 325.84 MOLFM: C14-H16-Cl-N3-O2-S

SYN: 1-(p-CHLOROPHENYL)-5-(2-(DIMETHYLAMINO)ETHYL)-2-THIOBARBITURIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:570 mg/kg	YKKZAJ 82,976,62

CQ2440400 BARBITURIC ACID, 1-(p-CHLOROPHENYL)-5-(DIMETHYLAMINO)-2-THIO-, HYDRATE

UPDT:8408 MW: 315.80 MOLFM: C12-H12-Cl-N3-O2-S H2-O

SYN: 1-(p-CHLOROPHENYL)-5-(DIMETHYLAMINO)-2-THIOBARBITURIC ACID HYDRATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:430 mg/kg	YKKZAJ 82,976,62

CQ2442000 BARBITURIC ACID, 1-(p-CHLOROPHENYL)-2-THIO-

UPDT:8408 CAS: 28921-30-4 MW: 254.70 MOLFM: C10-H7-Cl-N2-O2-S

SYN: 1-(p-CHLOROPHENYL)-2-THIOBARBITURIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:590 mg/kg	YKKZAJ 82,976,62

CQ2450000 BARBITURIC ACID, 5-(1-CYCLOHEPTEN-1-YL)-5-ETHYL-

UPDT:8303 CAS: 509-86-4 MW: 250.33 MOLFM: C13-H18-N2-O3

SYN: CYCLOHEPTENYLETHYLBARBITURIC ACID * 5-(1-CYCLOHEPTEN-1-YL)-5-ETHYLBARBITURIC ACID * CYCLOHEPTENYLETHYLMALONYLUREA * 5-(1-CYCLOHEPTEN-1-YL)-5-ETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE * 5-ETHYL-5-(1-CYCLOHEPTENYL)-BARBITURIC ACID * G 475 * HEPTABARB * HEPTABARBITAL * HEPTABARBITONE * HEPTABARBUM * HEPTADORM * HEPTAMAL * HEPTBARBITAL * MEDAPAN * MEDOMIN * MEDOMINE * NOCTYN * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-CYCLOHEPTEN-1-YL)-5-ETHYL- (9CI)

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:220 mg/kg	JPETAB 93,101,48
	ipr-mus LD50:210 mg/kg	ARZNAD 9,360,59
	ivn-dog LD50:105 mg/kg	JPETAB 93,101,48
	ivn-rbt LD50:119 mg/kg	JPETAB 93,101,48

CQ2455000 BARBITURIC ACID, 5-(1-CYCLOHEPTEN-1-YL)-5-ETHYL-, SODIUM SALT

UPDT:8405 MW: 272.31 MOLFM: C13-H17-N2-O3 Na

SYN: 5-(1-CYCLOHEPTEN-1-YL)-5-ETHYLBARBITURIC ACID SODIUM SALT * MEDOMIN SODIUM

TOXICITY DATA AND REFERENCES:

*	ivn-rbt LD50:120 mg/kg	JAPMAB 44,221,55

CQ2625000 BARBITURIC ACID, 5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYL-

UPDT:8306 CAS: 56-29-1 MW: 236.30 MOLFM: C12-H16-N2-O3

SYN: BARBIDORM * CITODON * CITOPAN * 5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYLBARBITURIC ACID * 5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE * 5-(1-CYCLOHEXENYL)-1,1-METHYL-5-METHYLBARBITURIC ACID * 5-(delta-1,2-CYCLOHEXENYL)-5-METHYL-N-METHYL BARBITURSAEURE (German) * CYCLONAL * CYCLOPAN * 1,5-DIMETHYL-5-(1-CYCLOHEXENYL)BARBITURIC ACID * DORICO * ENMEXYMAL * ESOBARBITALE (Italian) * EVIPAL * EVIPAN * HEXABARBITAL * HEXANASTAB ORAL * HEXENAL * HEXENAL (BARBITURATE) * HEXOBARBITAL * HEXOBARBITONE * METHEXENYL * N-METHYL-5-CYCLOHEXENYL-5-METHYLBARBITURIC ACID * METHYLHEXABARBITAL * METHYLHEXABITAL * NARCOSAN * NOCTIVANE * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYL- * SOMBUCAPS * SOMBULEX * SOMNALERT

TOXICITY DATA AND REFERENCES:

	scu-rat LDLo:400 mg/kg	AEPPAE 182,348,36
	orl-mus LD50:468 mg/kg	JPETAB 106,444,52
	ipr-mus LD50:280 mg/kg	JPETAB 93,362,48
	scu-mus LD50:250 mg/kg	ARZNAD 15,688,65
	ivn-mus LDLo:75 mg/kg	AIPTAK 92,305,53
	ipl-mus LDLo:340 mg/kg	JPETAB 134,95,61
	orl-rbt LDLo:1200 mg/kg	JPETAB 60,189,37
	ivn-rbt LDLo:80 mg/kg	JPETAB 60,189,37
	rec-rat LDLo:175 mg/kg	JPETAB 60,189,37
	ipr-frg LDLo:30 mg/kg	PHREA7 19,472,39

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PHREA7 19,472,39

CQ2800000 BARBITURIC ACID, 5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYL-, SODIUM SALT

UPDT:8403 CAS: 50-09-9 MW: 258.28 MOLFM: C12-H15-N2-O3 Na

SYN: trans-2-BUTENOIC ACID * 5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYLBARBITURIC ACID SODIUM SALT * 5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE MONOSODIUM SALT * CYCLONAL SODIUM * 1,5-DIMETHYL-5-CYCLOHEXENYL 1-BARBITURIC ACID SODIUM SALT * DORICO SOLUBLE * ENMEXYMAL * ENMEXYMAL NF/N * EVIPAL SODIUM * EVIPAN SODIUM * HEXANAL * HEXANASTAB * HEXENAL SODIUM * HEXOBARBITAL Na * HEXOBARBITAL SODIUM * HEXOBARBITAL, SODIUM deriv * HEXOBARBITAL SOLUBLE * HEXOBARBITONE Na * HEXOBARBITONE SODIUM * METHEXENYL SODIUM * NARCOSAN SOLUBLE * NOCTIVANE SODIUM * PRIVENAL * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYL-, SODIUM SALT (9CI) * SODIUM 5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYLBARBITURATE * SODIUM EVIPAL * SODIUM EVIPAN * SODIUM HEXABARBITAL * SODIUM HEXOBARBITAL * SODIUM HEXOBARBITONE * SODIUM N-METHYL CYCLOHEXENYLMETHYBARBITURATE * SODIUM METHYLHEXABITAL * SODIUM METHYLHEXABITOL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:468 mg/kg	MEIEDD 10,680,83
	ipr-rat LDLo:160 mg/kg	JPETAB 50,347,34
	orl-mus LD50:1325 mg/kg	TXAPA9 27,70,74
	ipr-mus LD50:276 mg/kg	APSCAX 18,204,49
	scu-mus LD50:410 mg/kg	TXAPA9 27,70,74
	ivn-mus LD50:145 mg/kg	TXAPA9 23,537,72
	ivn-dog LDLo:85 mg/kg	JPETAB 60,125,37
	ipr-rbt LDLo:150 mg/kg	JPETAB 54,77,35
	ivn-rbt LD50:80 mg/kg	JAPMAB 35,244,46
	ipr-gpg LDLo:100 mg/kg	JPETAB 50,347,34
	par-frg LDLo:30 mg/kg	JPETAB 50,347,34

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ2975000 BARBITURIC ACID, 5-(1-CYCLOHEXEN-1-YL)-5-ETHYL-

UPDT:8411 CAS: 52-31-3 MW: 236.30 MOLFM: C12-H16-N2-O3

SYN: ADORM * AMNOSED * CAVONYL * CYCLOBARBITAL * CYCLOBARBITOL * CYCLOBARBITON * CYCLOBARBITONE * CYCLODORM * CYCLOHEXENYL-ETHYL BARBITURIC ACID * 5-(1-CYCLOHEXENYL)-5-ETHYLBARBITURIC ACID * 5-(1-CYCLOHEXEN-1-YL)-5-ETHYLBARBITURIC ACID * 5-(1-CYCLOHEXEN-1-YL)-5-ETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE * CYKLODORM * 5-ETHYL-5-(1-CYCLOHEXENYL)BARBITURIC ACID * ETHYLHEXABITAL * FANODORM/O * HEXENAL * IRIFAN * NAMURON * PALINUM * PHANODORN * PHANODORM * PHILODORM * PRALUMIN * PRO SONIL * SONAFORM * TETRAHYDROPHENOBARBITAL

TOXICITY DATA AND REFERENCES:

1J08	orl-wmn TDLo:2 gm/kg	AIMEAS 37,290,52
	orl-rat LDLo:300 mg/kg	AEPPAE 182,348,36
	ipr-rat LD50:290 mg/kg	ARZNAD 17,242,67
	scu-rat LD50:210 mg/kg	AEPPAE 152,341,30
	orl-mus LD50:840 mg/kg	ARZNAD 17,242,67
	ipr-mus LD50:350 mg/kg	ARZNAD 17,242,67
	scu-mus LDLo:400 mg/kg	ARZNAD 15,688,65
	orl-dog LDLo:200 mg/kg	HBAMAK 4,1289,35
	scu-dog LDLo:100 mg/kg	HBAMAK 4,1289,35
	orl-cat LDLo:120 mg/kg	PHREA7 19,472,39
	scu-cat LDLo:100 mg/kg	HBAMAK 4,1289,35
	orl-rbt LDLo:450 mg/kg	JPETAB 44,325,32
	ipr-rbt LDLo:130 mg/kg	JPETAB 44,325,32
	scu-rbt LDLo:300 mg/kg	HBAMAK 4,1289,35
	ivn-rbt LDLo:90 mg/kg	JPPGAR 30,364,32

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PHREA7 19,472,39

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ2980000 BARBITURIC ACID, 5-(1-CYCLOHEXEN-1-YL)-5-ETHYL-, CALCIUM SALT (2:1)

UPDT:8406 CAS: 143-76-0 MW: 256.31 MOLFM: C12-H16-N2-O3 1/2Ca

SYN: CALCIUM CYCLOBARBITAL * CALCIUM CYCLOBARBITONE * CYCLOBARBITAL CALCIUM * CYCLOBARBITONE CALCIUM * KOLLERDORMFIX * NOURYDORM * PRONOX * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-CYCLOHEXEN-1-YL)-5-ETHYL-, CALCIUM SALT (2:1)

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:820 mg/kg	OYYAA2 7,575,73

CQ3027070 BARBITURIC ACID, 1-CYCLOHEXYL-5-(3-HYDROXYBUTYL)-

UPDT:8408 CAS: 17148-44-6 MW: 266.38 MOLFM: C14-H22-N2-O3

SYN: 1-CYCLOHEXYL-5-(3-HYDROXYBUTYL)BARBITURIC ACID * 1-CYCLOHEXYL-5-(3-HYDROXYBUTYL)PERHYDROPYRIMIDINE-2,4,6-TRIONE * 1-CYCLOHEXYL-5-(3-HYDROXYBUTYL)-2,4,6-TRIOXOPERHYDROPYRIMIDINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:910 mg/kg	TAKHAA 30,801,71

CQ3027080 BARBITURIC ACID, 1-CYCLOHEXYL-5-(4-HYDROXYBUTYL)-

UPDT:8408 CAS: 17148-41-3 MW: 282.38 MOLFM: C14-H22-N2-O4

SYN: 1-CYCLOHEXYL-5-(4-HYDROXYBUTYL)BARBITURIC ACID * 1-CYCLOHEXYL-5-(4-HYDROXYBUTYL)PERHYDROPYRIMIDINE-2,4,6-TRIONE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:810 mg/kg	YKKZAJ 89,260,69

CQ3027090 BARBITURIC ACID, 5-CYCLOHEXYL-1-(4-HYDROXYCYCLOHEXYL)-

UPDT:8408 CAS: 4102-02-7 MW: 308.42 MOLFM: C16-H24-N2-O4

SYN: 5-CYCLOHEXYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:5500 mg/kg	YKKZAJ 89,254,69

BARBITURIC ACID, 1-(1-(1-CYCLOHEXYL-N-METHYL-2-PROPANAMINE)-5-ETHYL-5-PHENYL see CQ6832000

CQ3027600 BARBITURIC ACID, 1-CYCLOHEXYL-5-(3-OXOBUTYL)-

UPDT:8408 CAS: 17148-43-5 MW: 280.36 MOLFM: C14-H20-N2-O4

SYN: 1-CYCLOHEXYL-5-(3-OXOBUTYL)BARBITURIC ACID * 1-CYCLOHEXYL-5-(3-OXOBUTYL)PERHYDROPYRIMIDINE-2,4,6-TRIONE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:960 mg/kg	YKKZAJ 89,260,69

TOXICITY DATA HAVE NOT BEEN EVALUATED.

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CQ3325000 BARBITURIC ACID, 5,5-DIALLYL-
UPDT:8403 CAS: 52-43-7 MW: 208.24 MOLFM: C10-H12-N2-O3
SYN: ALLOBARBITAL * ALLOBARBITONE * ALLYBARBITURAL * ALNOX * ALOBARBITAL * BARBALLYL * BARBIDAL * CURRAL * DIADON * DIAL * DIAL (BARBITURATE) * DIALLYLBARBITAL * DIALLYLBARBITURIC ACID * 5,5-DIALLYLBARBITURIC ACID * DIALLYMAL * DORM * DORMALLYL * MAUL * MALIUM * NOVALLYL * NSC 9324 * 5,5-DI-2-PROPENYL-2,4,6-(1H,3H,5H)-PYRIMIDINETRIONE * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5,5-DI-2-PROPENYL- (9CI)
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:36 mg/kg 28ZAA9 -,-,32
ipr-rat LD50:127 mg/kg APSCAX 24,7,51
scu-rat LD50:110 mg/kg AEPPAE 152,341,30
orl-rbt LDLo:50 mg/kg HBAMAK 4,1289,35
ivn-rbt LDLo:70 mg/kg HBAMAK 4,1289,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 19,472,39
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ3471000 BARBITURIC ACID, 5-(3,4-DICHLOROPHENYL)-5-ETHYL-
UPDT:8311 MW: 301.14 MOLFM: C12-H10-Cl2-N2-O3
SYN: DICHLORPHENOBARBITAL * 5-(3,4-DICHLOROPHENYL)-5-ETHYLBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
1F02 orl-mus LD50:190 mg/kg JPMSAE 57,463,63

CQ3486000 BARBITURIC ACID, 1,3-DICYCLOHEXYL-5-(3-OXOBUTYL)-
UPDT:8408 CAS: 20527-61-1 MW: 362.52 MOLFM: C20-H30-N2-O4
SYN: 1,3-DICYCLOHEXYL-5-(3-OXOBUTYL)BARBITURIC ACID * 1,3-DICYCLOHEXYL-5-(3-OXOBUTYL)PERHYDROPYRIMIDINE-2,4,6-TRIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:360 mg/kg YKKZAJ 89,260,69

CQ3500000 BARBITURIC ACID, 5,5-DIETHYL-
UPDT:8411 CAS: 57-44-3 MW: 184.22 MOLFM: C8-H12-N2-O3
SYN: BARBITAL * BARBITONE * DEBA * DIEMAL * DIETHYLBARBITONE * DIETHYL BARBITURIC ACID * 5,5-DIETHYLBARBITURIC ACID * DIETHYLMALONYLUREA * DORMONAL * ETHYLBARBITAL * HYPNOGENE * MALONAL * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5,5-DIETHYL- * SEDEVAL * UROVAL * VERONETTEN * VERONALETTIN * VERONAL * VESPERAL
MUTATION DATA AND REFERENCES:
cyt-smc 80 mmol/tube HEREAY 33,457,47
cyt-mus-ipr 33 gm/kg UMRAQ 61,1568,73
cyt-mus-orl 33 gm/kg UMRAQ 61,1568,73
cyt-ham:lng 1 gm/L ARTODN (Suppl 4),41,80
cyt-ham:fbr 2 gm/L/48H MUREAV 48,337,77
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:300 mg/kg JPETAB 44,325,32
scu-rat LD50:450 mg/kg AEPPAE 152,341,30
* orl-mus LD50:600 mg/kg NIIRDN 6,590,82
* ipr-mus LD50:178 mg/kg FRPSAX 14,269,59
scu-mus LD50:630 mg/kg YKKZAJ 74,1*2,56
orl-cat LDLo:280 mg/kg PHREA7 19,472,39
orl-rbt LDLo:275 mg/kg JPETAB 44,325,32
ipr-rbt LDLo:225 mg/kg JPETAB 44,325,32
scu-rbt LD50:250 mg/kg JACSAT 45,243,23
ivn-rbt LDLo:350 mg/kg JPPGAR 30,364,32
ivn-ckn LDLo:225 mg/kg PHREA7 19,472,39
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NEURAI 3,58,53; PHREA7 19,472,39; FNSCA6 2,67,73
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CQ3500200 BARBITURIC ACID, 5-(DIETHYLAMINO)-1-(p-ETHOXYPHENYL)-
UPDT:8408 MW: 319.40 MOLFM: C16-H21-N3-O4
SYN: 5-(DIETHYLAMINO)-1-(p-ETHOXYPHENYL)BARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:620 mg/kg YKKZAJ 82,976,62

CQ3500300 BARBITURIC ACID, 5-(DIETHYLAMINO)-1-(p-ETHOXYPHENYL)-2-THIO-
UPDT:8408 MW: 335.40 MOLFM: C16-H21-N3-O3-S
SYN: 5-(DIETHYLAMINO)-1-(p-ETHOXYPHENYL)-2-THIOBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1200 mg/kg YKKZAJ 82,976,62

CQ3500400 BARBITURIC ACID, 5-(2-(DIETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)-, DIHYDRATE
UPDT:8408 MW: 383.50 MOLFM: C18-H25-N3-O4 .2H2-O
SYN: 5-(2-(DIETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)BARBITURIC ACID DIHYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:950 mg/kg YKKZAJ 82,976,62

CQ3500500 BARBITURIC ACID, 5-(2-(DIETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)-2-THIO-, HYDRATE
UPDT:8408 MW: 381.54 MOLFM: C18-H25-N3-O3-S .H2-O
SYN: 5-(2-(DIETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)-2-THIOBARBITURIC ACID HYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:780 mg/kg YKKZAJ 82,976,62

CQ3501500 BARBITURIC ACID, 5-(2-(DIETHYLAMINO)ETHYL)-1-(p-METHOXYPHENYL)-2-THIO-
UPDT:8408 MW: 349.49 MOLFM: C17-H23-N3-O3-S
SYN: 5-(2-(DIETHYLAMINO)ETHYL)-1-(p-METHOXYPHENYL)-2-THIOBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg YKKZAJ 82,976,62

CQ3501600 BARBITURIC ACID, 5-(DIETHYLAMINO)-1-(p-METHOXYPHENYL)-2-THIO-
UPDT:8408 MW: 321.43 MOLFM: C15-H19-N2-O3-S
SYN: 5-(DIETHYLAMINO)-1-(p-METHOXYPHENYL)-2-THIOBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:350 mg/kg YKKZAJ 82,976,62

CQ3550000 BARBITURIC ACID, 5,5-DIETHYL-1-ISOPROPYL-
UPDT:8403 MW: 226.31 MOLFM: C11-H18-N2-O3
SYN: 5,5-DIETHYL-1-ISOPROPYLBARBITURIC ACID * DIETHYL-5,5- ISOPROPYL-1 PYRIMIDINETRIONE (French)
TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:520 mg/kg EJMCA5 18,521,83

CQ3850000 BARBITURIC ACID, 5,5-DIETHYL-, SODIUM SALT
UPDT:8405 CAS: 144-02-5 MW: 206.20 MOLFM: C8-H11-N2-O3-Na
SYN: BARBITAL Na * BARBITAL SODIUM * BARBITAL SODIUM deriv. * BARBITAL SOLUBLE * BARBITONE SODIUM * BARBITONE SODIUM deriv. * DIETHYLBARBITURATE MONOSODIUM * 5,5-DIETHYLBARBITURIC ACID SODIUM deriv. * DIETHYLMALONYLUREA SODIUM * EMBINAL * MEDINAL * NATRIUM-BARBITAL (German) * NERVOSETON * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5,5-DIETHYL-, MONOSODIUM SALT (9CI) * SODIUM BARBITAL * SODIUM BARBITONE * SODIUM DIETHYLBARBITURATE * SODIUM 5,5-DIETHYLBARBITURATE * SODIUM ETHYLBARBITAL * SODIUM MALONYLUREA * SODIUM VERONAL * SOLUBLE BARBITAL * SOPORAL * THYALONE * VERONAL SODIUM
MUTATION DATA AND REFERENCES:
sce-ham:emb 100 ug/L UCNAW 20,768,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1129 ipr-rat TDLo:200 mg/kg (1D pre) SJDBA9 10,574,79
3725T26T34 scu-rat TDLo:2400 mg/kg (8-19D preg) CUSCAM 36,3,67
1112 scu-rat TDLo:2600 mg/kg (7-19D preg) UEBA6 15,346,77
1T65 unk-rat TDLo:125 mg/kg (19D preg) JCPPAV 45,146,52
3T41T45T46 ipr-mus TDLo:390 mg/kg (1-6D preg) ARZNAD 19,1309,69
1125 ipr-mus TDLo:390 mg/kg (1-6D preg) ARZNAD 19,1309,69
1T43 ipr-mus TDLo:690 mg/kg (1-6D preg) ARZNAD 19,1309,69
1129 scu-mus TDLo:120 mg/kg (3D preg) JRPFA4 22,183,70
1T29 par-mus TDLo:240 mg/kg (3D pre) JOENAK 37,327,67
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:400 mg/kg 27ZIAQ -,52,73
ipr-rat LDLo:300 mg/kg 27ZWAY 2-,36
scu-rat LDLo:400 mg/kg AEPPAE 187,607,37
ivn-rat LD50:280 mg/kg JPETAB 135,213,62
orl-mus LD50:800 mg/kg TXAPA9 27,70,74
ipr-mus LD50:763 mg/kg JPETAB 81,254,44
scu-mus LD50:785 mg/kg JPMSAE 50,858,61
ivn-mus LD50:830 mg/kg TXAPA9 27,70,74
orl-dog LDLo:350 mg/kg 27ZWAY 2-,36
ivn-dog LDLo:300 mg/kg JPETAB 60,125,37
orl-cat LDLo:275 mg/kg 27ZWAY 2-,36
scu-cat LDLo:300 mg/kg 27ZIAQ -,52,73
orl-rbt LDLo:275 mg/kg JPETAB 42,252,31
ipr-rbt LD50:250 mg/kg JPETAB 42,253,31
scu-rbt LD50:500 mg/kg JPETAB 49,187,33
ivn-rbt LDLo:400 mg/kg JPETAB 60,125,37
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ4011000 BARBITURIC ACID, 5-(DIMETHYLAMINO)-1-(p-ETHOXYPHENYL)-
UPDT:8408 MW: 291.34 MOLFM: C14-H17-N3-O4
SYN: 5-(DIMETHYLAMINO)-1-(p-ETHOXYPHENYL)BARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:620 mg/kg YKKZAJ 82,976,62

CQ4012000 BARBITURIC ACID, 5-(DIMETHYLAMINO)-1-(p-ETHOXYPHENYL)-2-THIO-
UPDT:8408 MW: 307.40 MOLFM: C14-H17-N3-O3-S
SYN: 5-(DIMETHYLAMINO)-1-(p-ETHOXYPHENYL)-2-THIOBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:450 mg/kg YKKZAJ 82,976,62

CQ4013000 BARBITURIC ACID, 1-(alpha-(2-DIMETHYLAMINOETHYL)BENZYL)-5-ETHYL-5-PHENYL-, HYDROCHLORIDE
UPDT:8408 MW: 429.99 MOLFM: C23-H27-N3-O3 .Cl-H
SYN: 1-(alpha-(2-DIMETHYLAMINOETHYL)BENZYL)-5-ETHYL-5-PHENYLBARBITURIC ACID HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F18F21 scu-mus LD50:1100 mg/kg YKKZAJ 81,851,61

CQ4014000 BARBITURIC ACID, 5-(2-(DIMETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)-, HYDRATE (2:3)
UPDT:8408 MW: 346.43 MOLFM: C16-H21-N3-O4 .3 2H2-O
SYN: 5-(2-(DIMETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)BARBITURIC ACID HYDRATE (2:3)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:550 mg/kg YKKZAJ 82,976,62

CQ4015000 BARBITURIC ACID, 5-(2-(DIMETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)-2-THIO-
UPDT:8408 MW: 335.46 MOLFM: C16-H21-N3-O3-S
SYN: 5-(2-(DIMETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)-2-THIOBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:570 mg/kg YKKZAJ 82,976,62

CQ4016000 BARBITURIC ACID, 5-(2-(DIMETHYLAMINO)ETHYL)-1-(p-METHOXYPHENYL)-2-THIO-, HEMIHYDRATE
UPDT:8408 MW: 330.58 MOLFM: C15-H19-N3-O3-S .5 2H2-O
SYN: 5-(2-(DIMETHYLAMINO)ETHYL)-1-(p-METHOXYPHENYL)-2-THIOBARBITURIC ACID HEMIHYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg YKKZAJ 82,976,62

CQ4017000 BARBITURIC ACID, 5-(DIMETHYLAMINO)-1-(p-METHOXYPHENYL)-2-THIO-
UPDT:8408 MW: 293.37 MOLFM: C13-H15-N3-O3-S
SYN: 5-(DIMETHYLAMINO)-1-(p-METHOXYPHENYL)-2-THIOBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:120 mg/kg YKKZAJ 82,976,62

CQ4018000 BARBITURIC ACID, 1-(4-DIMETHYLAMINO-2-OXOBUTYL)-5-ETHYL-5-PHENYL-, HYDROCHLORIDE
UPDT:8408 MW: 381.90 MOLFM: C18-H23-N3-O4 .Cl-H
SYN: 1-(4-DIMETHYLAMINO-2-OXOBUTYL)-5-ETHYL-5-PHENYLBARBITURIC ACID HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F18 scu-mus LD50:420 mg/kg YKKZAJ 81,851,61

CQ4065000 BARBITURIC ACID, 5-(1,3-DIMETHYLBUTYL)-5-ETHYL-, SODIUM SALT
UPDT:8311 CAS: 6592-90-1 MW: 262.32 MOLFM: C12-H19-N2-O3-Na
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:20 mg/kg JAPMAB 29,509,40
1F12 scu-rat LD50:22 mg/kg QJPPAL 12,657,39
par-rat LDLo:10 mg/kg JACSAT 58,585,36
1F12 ipr-mus LD50:24 mg/kg QJPPAL 12,657,39
1F12 scu-mus LD50:27 mg/kg QJPPAL 12,657,39
1F12 ivn-rbt LD50:20 mg/kg QJPPAL 12,657,39
1F12 ivn-gpg LD50:22 mg/kg QJPPAL 12,657,39

CQ4376000 BARBITURIC ACID, 5-(2,3-EPOXYPROPYL)-5-(1-METHYLBUTYL)-
UPDT:8403 MW: 254.32 MOLFM: C12-H18-N2-O4
SYN: 5-(2,3-EPOXYPROPYL)-5-(1-METHYLBUTYL-BARBITURIC ACID * SECOBARBITAL EPOXIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate MUREAV 111,99,83

CQ4377000 BARBITURIC ACID, 5-(2,3-EPOXYPROPYL)-5-PHENYL-
UPDT:8403 MW: 260.27 MOLFM: C13-H12-N2-O4
SYN: ALPHENAL EPOXIDE * 5-(2,3-EPOXYPROPYL)-5-PHENYLBARBITURIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate MUREAV 111,99,83

CQ4510000 BARBITURIC ACID, 1-(p-ETHOXYPHENYL)-2-THIO-
UPDT:8408 MW: 264.32 MOLFM: C12-H12-N2-O3-S
SYN: 1-(p-ETHOXYPHENYL)-2-THIOBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:920 mg/kg YKKZAJ 82,976,62
BARBITURIC ACID, 5-ETHYL-1,3-BIS(METHOXYMETHYL)-5-PHENYL- see: CQ0560000

CQ4900000 BARBITURIC ACID, 5-ETHYL-5-HEXYL-, SODIUM SALT
UPDT:8403 CAS: 144-00-3 MW: 262.32 MOLFM: C12-H19-N2-O3-Na
SYN: 5-ETHYL-5-HEXYLBARBITURIC ACID SODIUM SALT * 5-ETHYL-5-HEXYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE MONOSODIUM SALT * HEBARAL * HEXETHAL SODIUM * ORTAL SODIUM * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-HEXYL-, MONOSODIUM SALT (9CI) * SODIUM 5-ETHYL-5-HEXYLBARBITURATE * SODIUM HEXETHAL * SODIUM N-HEXYLETHYL BARBITURATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:2000 mg/kg JPETAB 60,125,37
* ipr-rat LD50:250 mg/kg MEIEDD 10,690,83
ivn-rat LDLo:210 mg/kg JPETAB 60,125,37
ipr-mus LDLo:230 mg/kg JPETAB 31,455,27
scu-dog LDLo:150 mg/kg JPETAB 60,439,37
ivn-dog LDLo:40 mg/kg JPETAB 60,439,37
ivn-cat LDLo:50 mg/kg JPETAB 60,439,37
ipr-rbt LDLo:75 mg/kg JPETAB 60,439,37
ivn-rbt LDLo:50 mg/kg JPETAB 60,439,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 19,472,39

CQ4930000 BARBITURIC ACID, 5-ETHYL-1-(4-HYDROXYCYCLOHEXYL)-
UPDT:8408 CAS: 21330-83-6 MW: 254.32 MOLFM: C12 H18 N2 O4
SYN: 5-ETHYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg YKKZAJ 89,254,69

BARBITURIC ACID, 5-ETHYL-5-ISOPENTYL-, SODIUM deriv. see: CQ5250000

CQ5250000 BARBITURIC ACID, 5-ETHYL-5-ISOPENTYL-, SODIUM SALT
UPDT:8405 CAS: 64-43-7 MW: 248.29 MOLFM: C11 H17 N2 O3 Na
SYN: ALITINAL * AMOBARBITAL SODIUM * AMISEBARB * AMYLOBARBITONE SODIUM DERIV * AMYTAL SODIUM * BARBAMYL * BARBITURIC ACID, 5-ETHYL-5-ISOPENTYL-, SODIUM deriv. * DORMINAL * DRINAMYL * DUSOTAL * 5-ETHYL 5-ISOPENTYLBARBITURIC ACID SODIUM SALT * 5-ETHYL 5-(3-METHYLBUTYL)BARBITURIC ACID SODIUM DERIVATIVE * 5-ETHYL-5-(3-METHYLBUTYL) 2,4,6-(1H,3H,5H) PYRIMIDINETRIONE SODIUM SALT * 5-ISOAMYL-5-ETHYLBARBITURIC ACID, SODIUM DERIV * INMETAL * SODIUM AMOBARBITAL * SODIUM AMYLOBARBITONE * SODIUM AMYTAL * SODIUM ANAYTOL * SODIUM BARBAMYL * SODIUM BARBIMIL * SODIUM ETHYLISOAMYLBARBITURATE * SODIUM ISOAMYLETHYL BARBITURATE * T-BARB

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:275 mg/kg	JPETAB 68,22,40
*	ipr-rat LD50:115 mg/kg	MEIEDD 10,82,83
	scu-rat LDLo:160 mg/kg	JPETAB 49,36,33
	ivn-rat LD50:128 mg/kg	JAPMA8 44,152,55
	par-rat LDLo:200 mg/kg	JACSAT 58,585,36
*	orl-mus LD50:505 mg/kg	FRPSAX 14,845,59
	ipr-mus LDLo:200 mg/kg	JPETAB 31,455,27
	scu-mus LDLo:280 mg/kg	JPHAA3 26,1248,37
	ivn-mus LDLo:200 mg/kg	JPHAA3 26,1248,37
	orl-dog LD50:99 mg/kg	JPETAB 68,22,40
	ivn-dog LD50:75 mg/kg	JAPMA8 44,152,55
	rec-dog LDLo:200 mg/kg	JPHAA3 26,1248,37
	ipr-cat LDLo:120 mg/kg	JPHAA3 26,1248,37
	ivn-cat LDLo:75 mg/kg	JPHAA3 26,1248,37
	orl-rbt LD50:575 mg/kg	JPETAB 42,253,31
	ipr-rbt LD50:90 mg/kg	JPETAB 42,253,31
	scu-rbt LDLo:150 mg/kg	JPHAA3 26,1248,37
	ivn-rbt LD50:70 mg/kg	JAPMA8 44,152,55
	ipr-gpg LDLo:120 mg/kg	JPHAA3 26,1248,37
	scu-gpg LDLo:170 mg/kg	JPHAA3 26,1248,37
	ivn-gpg LDLo:90 mg/kg	JPHAA3 26,1248,37
	orl-frg LDLo:110 mg/kg	JPHAA3 26,1248,37

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ5492000 BARBITURIC ACID, 5-ETHYL-1-ISOPROPYL-5-PHENYL-
UPDT:8403 MW: 274.35 MOLFM: C15 H18 N2 O3
SYN: 5-ETHYL-1 ISOPROPYL-5-PHENYLBARBITURIC ACID * ETHYL-5 PHENYL 5 ISOPROPYL-1 PYRIMIDINETRIONE (French)

TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LD50:550 mg/kg EJMCA5 18,521,83

CQ5775000 BARBITURIC ACID, 5-ETHYL-5-(1-METHYLBUTYL)-
UPDT:8408 CAS: 76-74-4 MW: 226.31 MOLFM: C11 H18 N2 O3
SYN: DORSITAL * ETHAMINAL * 5-ETHYL 5-(1-METHYLBUTYL)BARBITURIC ACID * 5-ETHYL 5-(1-METHYLBUTYL)MALONYLUREA * MEBUBARBITAL * NEMBUTAL * NEODORM * NEODORM (NEW) * PENTABARBITONE * PENTOBARBITAL * PENTOBARBITONE * PENTOBARBITURATE * PENTOBARBITURIC ACID * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-(1-METHYLBUTYL)- (PCI) * RIVADORM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	ipr-rat TDLo:32 mg/kg (1D pre)	ENDOAO 94,1397,74
1T14	ipr-rat TDLo:35 mg/kg (1D pre)	CRSBAW 167,366,73
1T29	scu-rat TDLo:15 mg/kg (1D pre)	ENDOAO 74,309,64
1T29	ice-rat TDLo:1 mg/kg (1D pre)	JRPFA4 42,199,75
3T02T09T21	scu-ham TDLo:1200 ug/kg (3D male)	DEPBA5 12,49,79
1T11	par-ham TDLo:100 mg/kg (1D preg)	TJADAB 24(1),19A,81

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:36 mg/kg	CTOXAO 10,327,77
1F07	orl-rat LD50:125 mg/kg	FEPRA7 7,262,48
*	ipr-rat LD50:108 mg/kg	PHMGBN 19,182,79
	scu-rat LDLo:110 mg/kg	JACSAT 52,1676,30
*	orl-mus LD50:280 mg/kg	NIIRDN 6,779,82
1J30	ipr-mus LD50:125 mg/kg	AIPTAK 141,83,63
1J30	ivn-mus LD50:65 mg/kg	AIPTAK 141,83,63
*	ims-mus LD50:124 mg/kg	NIIRDN 6,779,82
1J30	ivn-dog LD50:50 mg/kg	AIPTAK 141,83,63
	orl-rbt LDLo:175 mg/kg	JPETAB 44,325,32
	ipr-rbt LDLo:65 mg/kg	JPETAB 44,325,32
	ivn-rbt LD50:33 mg/kg	JPETAB 96,209,49

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 19,472,39; ADVPA3 4,263,66; FNSCA6 2,67,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ6125000 BARBITURIC ACID, 5-ETHYL-5-(1-METHYLBUTYL)-, SODIUM SALT
UPDT:8408 CAS: 57-33-0 MW: 248.29 MOLFM: C11 H17 N2 O3 Na
SYN: AUROPAN * BARPENTAL * BIOSEDAN * BUTYLONE * CARBRITAL * CONTINAL * DIABUTAL * EMBUTAL * ETAMINAL SODIUM * ETHAMINAL * ETHAMINAL SODIUM * 5-ETHYL 5-(1-METHYLBUTYL)BARBITUSIC ACID SODIUM SALT * 5-ETHYL 5-(1-METHYLBUTYL) 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE MONOSODIUM SALT * EUTHATAL * IPRAL SODIUM * ISOBARB * MEBUBARBITAL * MEBUBARBITO SODIUM * MEBUMAL NATRIUM * MEBUMAL SODIUM * MINTAL * NAPENTAL * NEMBUTAL * NEMBUTAL SODIUM * PACIFAN * PALAPENT * PENBAR * PENTABARBITAL SODIUM * PENTAL * PENTOBARBITAL SODIUM * PENTOBARBITONE SODIUM * PENTONAL * PENTONE * PENTYL * PROPYLMETHYLCARBINYLETHYL BARBITURIC ACID SODIUM SALT * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-(1-METHYLBUTYL)-, MONOSODIUM SALT * RIVADORN * SAGATAL * SODITAL * SODIUM ETHAMINAL * SODIUM 5-ETHYL 5-(1-METHYLBUTYL)BARBITURATE * SODIUM NEMBUTAL * SODIUM PENT * SODIUM PENTABARBITAL * SODIUM PENTABARBITONE * SODIUM PENTOBARBITAL * SODIUM PENTOBARBITONE * SODIUM PENTOBARBITURATE * SOLUBLE PENTOBARBITAL * SOMNOPENTYL * SONISTAN * SONTOBARBITAL NABITONE * SOPENTAL * SOTYL * VETBUTAL

MUTATION DATA AND REFERENCES:

	cyt-ham-scu 100 mg/kg	AEHLAU 36,316,81
	dit-ham-scu 100 mg/kg	AEHLAU 36,316,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T39	ipr-rat TDLo:22 mg/kg (10D preg)	RCOCB8 4,7,72
1T29	ipr-rat TDLo:20 mg/kg (1D pre)	ENDOAO 84,1456,69
1T24	ipr-rat TDLo:80 mg/kg (1D pre)	ENDOAO 84,1456,69
3T29T34T35	ipr-rat TDLo:94500 ug/kg (2D pre)	BIREBV 21,491,79
1T85	scu-rat TDLo:520 mg/kg (9-21D preg)	TJADAB 25(2),60A,82
1T85	unk-rat TDLo:30 mg/kg (19D preg)	JCPPAV 45,146,52
1T23	ivn-rbt TDLo:40 mg/kg (10D preg)	TXAPA9 18,773,71
3T27T71172	ipr-gpg TDLo:30 mg/kg (63D preg)	NEURAI 8,776,58
2T85T86	ipr-gpg TDLo:28 mg/kg (63D preg)	NEURAI 8,776,58
1T25	ipr-ham TDLo:2320 mg/kg (8-15D preg)	TJADAB 25(2),48A,82
1T34	ipr-ham TDLo:920 mg/kg (8-15D preg)	TJADAB 25(2),48A,82
2T33T35	scu-ham TDLo:100 mg/kg (1D preg)	AEHLAU 36,316,81

TOXICITY DATA AND REFERENCES:

1F03	orl-wmn TDLo:60 mg/kg	JLCMAK 29,265,44
3F17F19F25	orl-man TDLo:6430 ug/kg	JPETAB 197,488,76
	orl-rat LD50:118 mg/kg	TXAPA9 21,315,72
*	ipr-rat LD50:36 mg/kg	FCTXAV 3,597,65
	scu-rat LD50:47 mg/kg	AIPTAK 180,155,69
	ivn-rat LD50:65 mg/kg	JPETAB 135,213,62
	idu-rat LD50:39 mg/kg	AIPTAK 180,155,69
*	orl-mus LD50:239 mg/kg	ARZNAD 31,2180,81
	ipr-mus LD50:126 mg/kg	JMCMAR 12,989,69
	scu-mus LD50:120 mg/kg	TXAPA9 18,185,71
*	ivn-mus LD50:99 mg/kg	AIPTAK 105,221,56
	ims-mus LD50:124 mg/kg	JPETAB 102,138,51
	ice-mus LD50:6500 ug/kg	JPETAB 197,479,76
	ipr-dog LDLo:50 mg/kg	27ZIAQ -,181,73
	ivn-dog LDLo:50 mg/kg	JPETAB 60,125,37
	orl-cat LD50:100 mg/kg	JPETAB 88,260,46
	orl-rbt LD50:175 mg/kg	JPETAB 42,253,31
	ipr-rbt LD50:65 mg/kg	JPETAB 42,253,31
*	ivn-rbt LD50:40 mg/kg	JAPMA8 44,221,55
	par-rbt LDLo:60 mg/kg	JPETAB 41,465,31
	rec-rbt LDLo:65 mg/kg	JPETAB 60,189,37
	orl-gpg LD50:60 mg/kg	CLDND*
	ipr-gpg LDLo:56 mg/kg	PSEBAA 33,527,36
1E16	scu-gpg LD50:70 mg/kg	AIPTAK 137,375,62
	orl-pgn LD50:133 mg/kg	TXAPA9 21,315,72
	orl-dck LD50:75 mg/kg	TXAPA9 21,315,72
	orl-bwd LD50:75 mg/kg	TXAPA9 21,315,72
	orl-brd LD50:75 mg/kg	TXAPA9 21,315,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ6300000 BARBITURIC ACID, 5-ETHYL-5-(1-METHYLBUTYL)-2-THIO-
UPDT:8306 CAS: 76-75-5 MW: 242.37 MOLFM: C11 H18 N2 O2 S
SYN: 5-ETHYL-5-(1-METHYLBUTYL)-2-THIOBARBITURIC ACID * FARMOTAL * INTRAVAL * NESDONAL * PENTHIOBARBITAL * PENTOTHAL * PENTOTHIOBARBITAL * 4,6 (1H,5H) PYRIMIDINEDIONE, 5-ETHYLDIHYDRO-5-(1-METHYLBUTYL)-2-THIOXO- (9CI) * THIOMEBUMAL * THIOPENTAL * THIOPENTOBARBITAL * THIOPENTONE * THIOTHAL * TIOPENTALE (Italian)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T35 ipr-rat TDLo:1020 mg/kg (1-17D preg) REANBJ 26,137,79

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:120 mg/kg	27ZIAQ -,260,73
	orl-mus LD50:600 mg/kg	BJPCAL 1,215,46
	ipr-mus LD50:110 mg/kg	AIPTAK 128,391,60
	ivn-mus LD50:70 mg/kg	ARZNAD 4,441,54
1J30	ivn-dog LD50:50 mg/kg	AIPTAK 141,83,63
	orl-rbt LDLo:600 mg/kg	JPETAB 60,189,37
	ivn-rbt LDLo:35 mg/kg	JPETAB 60,189,37
	rec-rbt LDLo:110 mg/kg	JPETAB 60,189,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLPTAT 8,91,67; PHREA7 19,472,39; FNSCA6 2,67,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ6475000 BARBITURIC ACID, 5-ETHYL-5-(1-METHYLBUTYL)-2-THIO-, SODIUM SALT
UPDT:8411 CAS: 71-73-8 MW: 264.35 MOLFM: C11 H17 N2 O2 S Na
SYN: 5-ETHYL-5-(1-METHYLBUTYL)-2-THIOBARBITURIC ACID MONOSODIUM * FARMOTAL * HYPNOSTAN * INTRAVAL SODIUM * LEOPENTAL * MONOSODIUM 5-ETHYL 5-(1-METHYLBUTYL) THIOBARBITURATE * NESDONAL SODIUM * PENTHIOBARBITAL SODIUM * PENTOTHAL SODIUM * 4,6(1H,5H)-PYRIMIDINEDIONE, 5-ETHYLDIHYDRO-5-(1-METHYLBUTYL)-2-THIOXO-, MONOSODIUM SALT * RAVONAL * SODIUM 5-ETHYL-5-(1-METHYLBUTYL)-2-THIOBARBITURATE * SODIUM PENTHIOBARBITAL * SODIUM PENTOTHAL * SODIUM PENTOTHIOBARBITAL * SODIUM THIOPENTAL * SODIUM THIOPENTOBARBITAL * SODIUM THIOPENTONE * SOLUBLE THIOPENTONE * THIOMEBUMAL SODIUM * THIONEMBUTAL * THIOPENTAL SODIUM * THIOPENTAL SODIUM SALT * THIOPENTONE SODIUM * THIOTHAL SODIUM * THIPENTAL SODIUM * TIOPENTAL SODIUM * TRAPANAL * TRAPANAL SODIUM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T46	ipr-mus TDLo:50 mg/kg (11D preg)	OFAJAE 43,219,67
1T35	ipr-mus TDLo:75 mg/kg (11D preg)	OFAJAE 43,219,67
1T29	scu-mus TDLo:432 mg/kg (3-6D preg)	JOENAK 43,225,69

TOXICITY DATA AND REFERENCES:

3J25U26F01	rec-hmn TDLo:45 mg/kg	AACRAT 46,395,67
2H15H17	iat-hmn TDLo:7 mg/kg	LANCAO 2,571,43
3J25U26F01	orl-rat LD50:158 mg/kg	AACRAT 46,395,67
*	ipr-rat LD50:115 mg/kg	ANESAV 8,589,47
	ivn-rat LDLo:70 mg/kg	JPETAB 60,125,37
3J25U26F01	rec-rat LD50:102 mg/kg	AACRAT 46,395,67
*	ipr-mus LD50:115 mg/kg	NIIRDN 6,457,82
	scu-mus LD50:225 mg/kg	TXAPA9 27,70,74
*	ivn-mus LD50:57 mg/kg	AIPTAK 105,221,56
	orl-dog LDLo:150 mg/kg	JPETAB 60,125,37
	ivn-dog LD50:36 mg/kg	CRAAA7 29,89,50
*	ipr-rbt LD50:35 mg/kg	NIIRDN 6,457,82
	ivn-rbt LD50:31 mg/kg	CRAAA7 29,89,50
*	ipr-gpg LD50:57500 ug/kg	NIIRDN 6,457,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ6653000 BARBITURIC ACID, 5-ETHYL-5-(4-METHYLPIPERIDINO)-
UPDT:8311 MW: 253.34 MOLFM: C12 H19 N3 O3
SYN: ACIDE 5-ETHYLE 5-(4-METHYLPIPERIDINO) BARBITURIQUE (French) * 5-ETHYL 5-(4-METHYLPIPERIDINO)BARBITURIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2250 mg/kg APFRAD 15,533,57

CQ6653100 BARBITURIC ACID, 5-ETHYL-5-(4-METHYLPIPERIDINO)-, HYDROCHLORIDE
UPDT:8311 MW: 289.80 MOLFM: C12 H19 N3 O3 Cl H
SYN: 5-ETHYL 5-(4-METHYLPIPERIDINO)BARBITURIC ACID HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:520 mg/kg APFRAD 15,533,57

CQ6694000 BARBITURIC ACID, 5-ETHYL-1-(2-OXO-4-PIPERIDINOBUTYL)-5-PHENYL-, HYDROCHLORIDE
UPDT:8408 MW: 421.97 MOLFM: C21 H27 N3 O4 Cl H
SYN: 5-ETHYL 1-(2-OXO-4-PIPERIDINOBUTYL)-5-PHENYLBARBITURIC ACID HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F18F21 scu-mus LD50:410 mg/kg YKKZAJ 81,851,61

CQ6825000 BARBITURIC ACID, 5-ETHYL-5-PHENYL-
UPDT:8412 CAS: 50-06-6 MW: 232.26 MOLFM: C12 H12 N2 O3

BEST COPY AVA

SYN: ACIDO 5-ETINIL-5-ETILBARBITURICO (Italian) * ADONAL * AEPHENAL * AGRYPNAL * AMYLOTHIE * APHENYLBARBIT * APHENYLETTEN * AUSTROMINAL * BARBAPIL * BARBELLEN * BARBELLON * BARBENYL * BARBITHAE (BARBILETTAE) * BARBINAL * BARBIPHEN * BARBIPHENYL * BARBIPIL * BARBITA * BARBIVIS * BARBONAL * BARBOPHEN * BARDORAL * BARTOL * BIALMINAL * BLU-PHEN * CARBONAL * CALMETTEN * CALMINAL * CARDENAL * CODIBARBITA * CORONALETTA * CRATICIL * DAMORAL * DEJIBARBITUR * DORMINA * DORMIRAL * DOSCALUN * DUNERYL * ENSOBARB * ENSODORM * EPANAL * EPIDORM * EPILOL * EPISEDAL * EPSYLONE * ESKABARB * 5-ETHYL-5-PHENYLBARBITURIC ACID * 5-ETHYL-5-PHENYL-2,4,6-(1H,3H,5H)PYRIMIDINETRIONE * ETILEN * EUNERYL * FENBITAL * FENEMAL * FENOBARBITAL * FENOSED * FENYLETTAE * GARDENAL * GARDEPANYL * GLYSOLETTEN * HAPLOPAN * HARLOS * HELIONAL * HENNOLETTEN * HYPNALETTEN * HYPNOGEN * HYPNOLONE * HYPNOLTOL * HYPNO-TABLINETTEN * HYSTEPS * LEFEBAR * LEONAL * LEPHEBAR * LEPINAL * LEPINALETTEN * LINASEN * LIQUITAL * LIXOPHEN * LUBERGAL * LUBRIDRAT * LUMEN * LUMESETTES * LUMESYN * LUMINAL * LUMORIDETTEN * LUPHENIL * LURAMIN * MOLINAL * NEUROBARB * NIRVONAL * NOPTIL * NOVA-PHENO * NUNOL * PARKOTAL * PHARMETTEN * PHENAEMAL * PHEN-BAR * PHENEMAL * PHENOBAL * PHENOBARBITAL * PHENOBARBITONE * PHENOBARBITURIC ACID * PHENOBARBYL * PHENOLURIC * PHENOLURIO * PHENOMET * PHENONYL * PHENOTURIC * PHENYLETHYLBARBITURATE * PHENYLETHYL BARBITURIC ACID * 5-PHENYL-5-ETHYLBARBITURIC ACID * PHENYLETHYLMALONYLUREA * PHENYLETTEN * PHENYRAL * PHOB * POLCOMINAL * PROSPTONAL * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-PHENYL- * SEDABAR * SEDA-TABLINEN * SEDICAT * SEDIZORIN * SEDLYN * SEDOPEN * SEDONAL * SEDONETTES * SEDOPHEN * SEVENAL * SK-PHENOBARBITAL * SOLFOTON * SOMBUTOL * SOMNOLENS * SOMNOLETTEN * SOMNOSAN * SOMONAL * SPASEPILIN * STARIFEN * STARILETTAE * STENTAL * STENTAL EXTENTABS * TALPHENO * TEOLAXIN * TEOLOXIN * THENOBARBITAL * THEOLOXIN * TRIABARB * TRIDEZIBARBITUR * TRIPHENATOL * VERSOMNAL * ZADOLETTEN * ZADONAL

MUTATION DATA AND REFERENCES:

	sln-dmg-orl 2 mg/6D	SOGEBZ 11,718,75
	mmo-smc 2 gm/L	ENMUDM 6,416,84
	mrc-smc 2 gm/L	ENMUDM 6,416,84
	cyt-hmn:leu 400 mg/L/90M	CHDDAT 268,191,69
	dns-rat:lvr 1 mg/L	CNREA8 40,4541,80
	cyt-mus-orl 20 mg/kg	IJEBA6 16,1196,78
	cyt-ham:lng 2 gm/L/48H	GMCRDC 27,95,81
	sce-ham:lng 10 mg/L	BJCAAI 45,769,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T46T84	orl-wmn TDLo:151 mg/kg (27-39W preg)	JOPDAB 80,190,72
3T45T46T49	unk-wmn TDLo:491 mg/kg (1-39W preg)	LANCAO 2,839,72
3T41T53T87	unk-wmn TDLo:907 mg/kg (1-36W preg)	LANCAO 2,839,72
1T50	unk-wmn TDLo:529 mg/kg (1-42W preg)	LANCAO 2,839,72
1T41	unk-wmn TDLo:454 mg/kg (1-36W preg)	LANCAO 2,839,72
3T25T34T47	orl-rat TDLo:960 mg/kg (7-18D preg)	JPETAB 227,274,83
1T46	orl-rat TDLo:440 mg/kg (7-17D preg)	TJADAB 20,157,79
2T25T27	orl-rat TDLo:300 mg/kg (4-8D preg)	FESTAS 22,735,71
2T76T85	orl-rat TDLo:320 mg/kg (7-10D preg)	JPETAB 227,274,83
1T35	orl-rat TDLo:800 mg/kg (6-13D preg)	TJADAB 24,1,81
1T83	orl-rat TDLo:280 mg/kg (1-7D post)	SCIEAS 211,719,81
1T75	orl-rat TDLo:60 mg/kg (7-18D preg)	JPETAB 227,274,83
3T31T35T59	ipr-rat TDLo:1 gm/kg (1-20D preg)	AJOGAH 107,1250,70
1T39	ipr-rat TDLo:180 mg/kg (19-21D preg)	TXAPA9 73,457,84
1T23	scu-rat TDLo:320 mg/kg (MGN)	PPHAD4 1,55,80
1T29	scu-rat TDLo:750 mg/kg (1D pre)	PSEBAA 139,741,72
1T85	scu-rat TDLo:20 mg/kg (5-8D preg)	TJEMAO 89,265,66
3T53T86T91	scu-rat TDLo:320 mg/kg (12-19D preg)	EXMDA4 551,250,81
2T86T91	scu-rat TDLo:160 mg/kg (17-20D preg)	PPHAD4 2,85,82
2T33T41	ims-rat TDLo:200 mg/kg (18-20D preg-15D post)	TJADAB 26,21,82
1T87	unk-rat TDLo:40 mg/kg (17D preg)	SCIEAS 216,640,82
1T87	mul-rat TDLo:340 mg/kg (20-22D preg-7D post)	AIPTAK 187,155,70
2T24T25	orl-mus TDLo:210 mg/kg (5D male)	FCTOD7 21,335,83
1T43	orl-mus TDLo:400 mg/kg (6-15D preg)	TXCYAC 6,323,76
1T86	orl-mus TDLo:33 mg/kg (9-19D preg)	IJMDAI 14,929,78
2T81T85	orl-mus TDLo:3600 mg/kg (9-18D preg)	PSCHDL 68,301,80
1T41	orl-mus TDLo:1080 mg/kg (16-18D preg)	ACATA5 108,370,80
1T33	orl-mus TDLo:63 gm/kg (1-21D preg)	TJADAB 25(1),15A,82
1T34	ipr-mus TDLo:150 mg/kg (8-10D preg)	TJADAB 1,393,68
1T25	ipr-mus TDLo:560 mg/kg (8-14D preg)	ACATA5 58,217,64
1T83	ipr-mus TDLo:300 mg/kg (17-19D preg)	AJANA2 138,449,73
1T85	scu-mus TDLo:280 mg/kg (15-21D preg)	DEPBA5 8,305,75
1T29	unk-mus TDLo:40 mg/kg (1D pre)	FESTAS 12,346,61
3T25T35T26	orl-rbt TDLo:450 mg/kg (8-16D preg)	TXAPA9 10,244,67
2T46T47	orl-rbt TDLo:450 mg/kg (8-16D preg)	TXAPA9 10,244,67
2T33T83	orl-rbt TDLo:536 mg/kg (3-31D preg)	FOMOAJ 38,259,79
1T83	ims-rbt TDLo:175 gm/kg (20-27D preg)	AJOGAH 124,529,76
1T29	ipr-ham TDLo:140 mg/kg (1D pre)	PSEBAA 162,170,79

TUMORIGENIC DATA AND REFERENCES:

3V03L60V05	orl-rat TDLo:7560 mg/kg 36W-C	GANNA2 69,679,78
2V02L60	orl-mus TDLo:22 gm/kg 1Y-C	JNCIAM 51,1349,73
3V02J60L60	orl-mus TD :38 gm/kg 90W-C	FCTXAV 11,433,73
3V03L60V05	orl-rat TD :4200 mg/kg 20W-C	CALEDQ 5,139,78
3V01N62V05	orl-rat TD :3990 mg/kg 19W-C	CRNGDP 4,935,83
3V02N62V05	orl-rat TD :2520 mg/kg 12W-C	CRNGDP 4,935,83
3V01N62V05	orl-rat TD :2100 mg/kg 12W-C	IGAYAY 123,1069,82

TOXICITY DATA AND REFERENCES:

2F07F19	orl-chd TDLo:10 mg/kg	AJDCAI 130,507,76
3J30R03U25	orl-hmn TDLo:18 mg/kg	JAMAAP 116,700,41
	orl-rat LD50:162 mg/kg	TXAPA9 18,185,71
	ipr-rat LDLo:155 mg/kg	JPETAB 44,325,32
	scu-rat LD50:200 mg/kg	AEPPAE 152,341,30
	ivn-rat LD50:209 mg/kg	ARTODN 40,211,78
3F17U26F01	orl-rat LD50:284 mg/kg	AACRAT 46,395,67
	orl-mus LD50:168 mg/kg	HPPAAL 19,241,61
	ipr-mus LD50:128 mg/kg	FRPSAX 14,269,59
	scu-mus LD50:300 mg/kg	BCPCA6 17,369,68
1C17	ivn-mus LD50:218 mg/kg	AIPTAK 191,405,71
	orl-dog LD50:150 mg/kg	SMWOAS 85,305,55
	scu-dog LDLo:150 mg/kg	HBAMAK 4,1289,35
	orl-cat LDLo:125 mg/kg	HBAMAK 4,1289,35
	scu-cat LDLo:125 mg/kg	HBAMAK 4,1289,35
	orl-rbt LD50:185 mg/kg	NUPOBT 15,545,77
	ipr-rbt LDLo:150 mg/kg	JPETAB 44,325,32
	scu-rbt LDLo:150 mg/kg	JACSAT 45,243,23
	ivn-rbt LDLo:120 mg/kg	JPPGAR 30,364,32
	orl-gpg LD50:130 mg/kg	AIPTAK 91,437,52
	scu-frg LDLo:500 mg/kg	HBAMAK 4,1289,35

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: DRUGAY 8(5),354,74; PLMJAP 6(1),160,75; AUHPAI 4(1),5,74; JRPMAP 12(1),27,74; PHREA7 19,472,39; EPILAK 16,159,75; PRSMA4 63,48,70; BMJOAE 2,442,73; AJDCAI 131,1337,77

★ CARCINOGENIC REVIEW:HUMAN: INDEFINITE — IARC** 13,157,77

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ6832000 BARBITURIC ACID, 5-ETHYL-5-PHENYL-, compd. with (-)-N,alpha-DIMETHYLCYCLOHEXANEETHYLAMINE (1:1)

UPDT:8305 CAS: 4388-82-3 MW: 387.58 MOLFM: C12-H12-N2-O3 · C10-H21-N

SYN: BARBEXACLON * BARBEXACLONE * BARBEXACLONUM * BARBITURIC ACID, 1-(1-CYCLOHEXYL-N-METHYL-2-PROPANAMINE)-5-ETHYL-5-PHENYL- * CHP PHENOBARBITALAT (German) * T-1 CYCLOHEXYL-2-METHYLAMINOPROPANE-5,5-PHENYLETHYLBARBITURATE * MALIASIN

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:306 mg/kg	ARZNAD 13,613,63
	orl-mus LD50:334 mg/kg	ARZNAD 13,613,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ7000000 BARBITURIC ACID, 5-ETHYL-5-PHENYL-, SODIUM SALT

UPDT:8408 CAS: 57-30-7 MW: 254.24 MOLFM: C12-H11-N2-O3-Na

SYN: 5-ETHYL-5-PHENYLBARBITURIC ACID, SODIUM * 5-ETHYL-5-PHENYLBARBITURIC ACID SODIUM SALT * 5-ETHYL-5-PHENYL-2,4,6-(1H,3H,5H)PYRIMIDINETRIONE MONOSODIUM SALT * GARDENAL SODIUM * LUMINAL SODIUM * PBS * PHENEMALUM * PHENOBAL SODIUM * PHENOBARBITAL ELIXIR * PHENOBARBITAL No * PHENOBARBITAL SODIUM * PHENOBARBITAL SODIUM SALT * PHENOBARBITONE SODIUM * PHENOBARBITONE SODIUM SALT * PHENYLETHYLBARBITURIC ACID, SODIUM SALT * 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-PHENYL-, MONOSODIUM SALT (9CI) * SODIUM 5-ETHYL-5-PHENYLBARBITURATE * SODIUM LUMINAL * SODIUM PHENOBARBITAL * SODIUM PHENOBARBITONE * SODIUM PHENYLETHYLBARBITURATE * SODIUM PHENYLETHYLMALONYLUREA * SOL PHENOBARBITAL * SOL PHENOBARBITONE * SOLUBLE PHENOBARBITAL * SOLUBLE PHENOBARBITONE

MUTATION DATA AND REFERENCES:

	dnr-esc 400 ug/well	ENMUDM 3,429,81
	dni-mus-ipr 20 gm/kg	ARGEAR 51,605,81
	msc-mus:lym 5 mmol/L	MUREAV 110,147,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T31T34	orl-rat TDLo:3623 mg/kg (1-21D preg)	TJADAB 12,291,75
3T43T46T55	orl-rat TDLo:3623 mg/kg (1-21D preg)	TJADAB 12,291,75
1T25	orl-rat TDLo:624 mg/kg (7-14D preg)	PSDTAP 7,216,66
1T59	orl-rat TDLo:256 mg/kg (7-14D preg)	PSDTAP 7,216,66
1T83	ipr-rat TDLo:160 mg/kg (9-21D preg)	BCPCA6 26,537,77
1T29	ipr-rat TDLo:40800 ug/kg (1D pre)	TXAPA9 18,917,71
2T16T85	scu-rat TDLo:520 mg/kg (9-21D preg)	NETOD7 1,49,79
1T81	scu-rat TDLo:1040 mg/kg (9-21D preg)	NETOD7 1,49,79
2T75T85	scu-rat TDLo:520 mg/kg (9-21D preg)	TJADAB 25(2),60A,82
1T83	ims-rat TDLo:40 mg/kg (18-20D preg-5D post)	CRSBAW 167,797,73
1T41	orl-mus TDLo:660 mg/kg (6-16D preg)	TXAPA9 40,365,77
1T43	orl-mus TDLo:1650 mg/kg (6-16D preg)	TXAPA9 34,271,75
1T85	scu-mus TDLo:120 mg/kg (16-21D preg)	PBBHAU 3,1137,75
1T83	scu-mus TDLo:240 mg/kg (16-21D preg)	LIFSAK 24,999,79
1T24	scu-mus TDLo:200 mg/kg (4-8D preg)	MUREAV 35,167,76
2T48T49	ivn-dom TDLo:4 mg/kg (18W preg)	BJPCBM 57,311,76

TUMORIGENIC DATA AND REFERENCES:

3V02L60P62	orl-rat TDLo:25 gm/kg/2Y-C	IJCNAW 19,179,77
2V03L60	orl-rat TD :11650 mg/kg/33W-C	JJINDB 71,815,83

TOXICITY DATA AND REFERENCES:

2F24K13	orl-man TDLo:36 mg/kg	BMJOAE 1,1238,55
	orl-rat LD50:660 mg/kg	SCIEAS 116,663,52
"	ipr-rat LD50:152 mg/kg	ARZNAD 33,1155,83
"	scu-rat LD50:200 mg/kg	NIIRDN 6,662,82
	ivn-rat LD50:83 mg/kg	JMCMAR 8,220,65
	orl-mus LD50:200 mg/kg	JPETAB 127,318,59
"	ipr-mus LD50:220 mg/kg	AIPTAK 99,245,54
	scu-mus LD50:230 mg/kg	JPETAB 114,326,55
"	ivn-mus LD50:226 mg/kg	ARZNAD 33,1555,83
	orl-cat LD50:175 mg/kg	JPETAB 88,260,46
	orl-rbt LD50:150 mg/kg	JPETAB 42,253,31
	ipr-rbt LD50:150 mg/kg	JPETAB 42,253,31
	ivn-rbt LD50:185 mg/kg	JPETAB 81,254,44
	ipr-gpg LD50:150 mg/kg	CAJOBA 14,181,79

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EESADV 1,503,78

★ CARCINOGENIC REVIEW:ANIMAL:POSITIVE — IARC** 13,159,77

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ7024500 BARBITURIC ACID, 5-ETHYL-5-PIPERIDINO-

UPDT:8311 MW: 239.31 MOLFM: C11-H17-N3-O3

SYN: ACIDE 5-ETHYLE 5-PIPERIDINO BARBITURIQUE (French) * 5-ETHYL-5-PIPERIDINOBARBITURIC ACID

TOXICITY DATA AND REFERENCES:

"	orl-mus LD50:800 mg/kg	APFRAD 15,533,57

CQ7024600 BARBITURIC ACID, 5-ETHYL-5-(2-PIPERIDINOETHYL)-, HYDROCHLORIDE

UPDT:8311 MW: 303.83 MOLFM: C13-H21-N3-O3 · Cl-H

SYN: 5-ETHYL-5-(2-PIPERIDINOETHYL)BARBITURIC ACID, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

"	ivn-mus LD50:320 mg/kg	APFRAD 15,533,57

CQ7024630 BARBITURIC ACID, 5-ETHYL-5-PIPERIDINO-, HYDROCHLORIDE

UPDT:8311 MW: 275.77 MOLFM: C11-H17-N3-O3 · Cl-H

SYN: 5-ETHYL-5-PIPERIDINOBARBITURIC ACID HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

"	ivn-mus LD50:560 mg/kg	APFRAD 15,533,57

CQ7062200 BARBITURIC ACID, 5-ETHYL-5-(1-PYRROLIDINYL)-

UPDT:8311 MW: 225.28 MOLFM: C10-H15-N3-O3

SYN: ACIDE 5-ETHYLE 5-PYRROLIDINO BARBITURIQUE (French) * 5-ETHYL-5-(1-PYRROLIDINYL)BARBITURIC ACID

TOXICITY DATA AND REFERENCES:

"	orl-mus LD50:3370 mg/kg	APFRAD 15,533,57

CQ7068300 BARBITURIC ACID, 5-HEPTYL-5-(2-PIPERIDINOETHYL)-

UPDT:8311 MW: 337.52 MOLFM: C18-H31-N3-O3

SYN: 5-HEPTYL-5-(2-PIPERIDINOETHYL)BARBITURIC ACID

TOXICITY DATA AND REFERENCES:

"	orl-mus LD50:3500 mg/kg	APFRAD 15,533,57

CQ7068310 BARBITURIC ACID, 5-HEPTYL-5-(2-PIPERIDINOETHYL)-, HYDROCHLORIDE

UPDT:8311 MW: 373.98 MOLFM: C18-H31-N3-O3 · Cl-H

SYN: 5-HEPTYL-5-(2-PIPERIDINOETHYL)BARBITURIC ACID HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

"	ivn-mus LD50:130 mg/kg	APFRAD 15,533,57

CQ7068510 BARBITURIC ACID, 5-(3-HYDROXYBUTYL)-1-PHENYL-

UPDT:8408 CAS: 17148-45-7 MW: 276.32 MOLFM: C14-H16-N2-O4

SYN: 5-(3-HYDROXYBUTYL)-1-PHENYLBARBITURIC ACID

TOXICITY DATA AND REFERENCES:

"	ipr-mus LD50:3 gm/kg	YKKZAJ 89,260,69

CQ7068520 BARBITURIC ACID, 5-(4-HYDROXYBUTYL)-1-PHENYL-

UPDT:8408 CAS: 21367-95-3 MW: 276.32 MOLFM: C14-H16-N2-O4

SYN: 5-(4-HYDROXYBUTYL)-1-PHENYLBARBITURIC ACID

TOXICITY DATA AND REFERENCES:

"	ipr-mus LD50:3 gm/kg	YKKZAJ 89,260,69

CQ7068530 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-ISOPENTYL-

UPDT:8408 CAS: 4400-66-2 MW: 296.41 MOLFM: C15-H24-N2-O4

BEST COPY AVAILABLE

SYN: 1-(4-HYDROXYCYCLOHEXYL)-5-ISOPENTYLBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1800 mg/kg YKKZAJ 89,254,69

CQ7068540 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-ISOPROPYL-
UPDT:8408 CAS: 4101-97-7 MW: 268.35 MOLFM: C13-H20-N2-O4
SYN: 1-(4-HYDROXYCYCLOHEXYL)-5-ISOPROPYLBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2500 mg/kg YKKZAJ 89,254,69

CQ7068550 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-METHYL-
UPDT:8408 CAS: 4192-35-2 MW: 240.29 MOLFM: C11-H16-N2-O4
SYN: 1-(4-HYDROXYCYCLOHEXYL)-5-METHYLBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2450 mg/kg YKKZAJ 89,254,69

CQ7068560 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-METHYL-, ACETATE (ester)
UPDT:8408 CAS: 4394-23-4 MW: 282.33 MOLFM: C13-H18-N2-O5
SYN: 1-(4-HYDROXYCYCLOHEXYL)-5-METHYLBARBITURIC ACID ACETATE (ester)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:4500 mg/kg YKKZAJ 89,254,69

CQ7068565 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-OCTYL-
UPDT:8408 CAS: 4101-98-8 MW: 338.50 MOLFM: C18-H30-N2-O4
SYN: 1-(4-HYDROXYCYCLOHEXYL)-5-OCTYLBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:6200 mg/kg YKKZAJ 89,254,69

CQ7068570 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-PENTYL-
UPDT:8408 CAS: 4192-36-3 MW: 296.41 MOLFM: C15-H24-N2-O4
SYN: 1-(4-HYDROXYCYCLOHEXYL)-5-PENTYLBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg YKKZAJ 89,254,69

CQ7068575 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-PENTYL-, ACETATE (ester)
UPDT:8408 CAS: 4394-22-3 MW: 338.45 MOLFM: C17-H26-N2-O5
SYN: 1-(4-HYDROXYCYCLOHEXYL)-5-PENTYLBARBITURIC ACID ACETATE (ester)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1650 mg/kg YKKZAJ 89,254,69

CQ7068580 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-PHENYL-
UPDT:8408 CAS: 4102-01-6 MW: 302.36 MOLFM: C16-H18-N2-O4
SYN: 1-(4-HYDROXYCYCLOHEXYL)-5-PHENYLBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:4500 mg/kg YKKZAJ 89,254,69

CQ7068590 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-PROPYL-
UPDT:8408 CAS: 21330-84-7 MW: 268.35 MOLFM: C13-H20-N2-O4
SYN: 1-(4-HYDROXYCYCLOHEXYL)-5-PROPYLBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3500 mg/kg YKKZAJ 89,254,69

CQ7073300 BARBITURIC ACID, 5-ISOPENTYL-5-(2-METHYLALLYL)-, SODIUM SALT
UPDT:8407 MW: 274.33 MOLFM: C13-H19-N2-O3-Na
SYN: 5-ISOPENTYL-5-(2-METHYLALLYL)BARBITURIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:237 mg/kg JAPMAB 34,183,45

CQ7160900 BARBITURIC ACID, 1-(p-METHOXYPHENYL)-2-THIO-
UPDT:8408 CAS: 28921-29-1 MW: 250.29 MOLFM: C11-H10-N2-O3-S
SYN: 1-(p METHOXYPHENYL)-2 THIOBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1680 mg/kg YKKZAJ 82,976,62

BARBITURIC ACID, 5-0X0- see: BA4200000

CQ7360000 BARBITURIC ACID, 5-(3-OXOBUTYL)-1-PHENYL-
UPDT:8408 CAS: 20942-22-7 MW: 274.30 MOLFM: C14-H14-N2-O4
SYN: 5-(3-OXOBUTYL)-1-PHENYLBARBITURIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:4850 mg/kg YKKZAJ 89,260,69

BARBIVIS see: CQ6825000
BARBONAL see: CQ6825000
BARBONIN see: NW7524000
BARBONINE see: NW7524000
BARBONIN HYDROCHLORIDE see: NW7524100
BARBOPHEN see: CQ6825000
BARBOSEC see: CP9800000
BARBOSEC see: CP9450000
BAR-DEX see: SI0875000
BARDIOL see: KG2975000
BARDORM see: CQ6825000
BARE BANDRE EXTRACT (Indian) see: CE9547000
BARECO POLYWAX 2000 see: TQ3325000
BARECO WAX C 7500 see: TQ3325000
m-BARENE see: HS9290000
BARHIST see: UT1750000
BARIDOL see: CR0600000
BARIDIUM see: US7875000
B. ARIETANS VENOM see: YX4260000
BARI-GHARI EXTRACT (Indian) see: VE5481000
BARIO (PEROSSIDO DI) (Italian) see: CR0175000
BARITE see: CR0600000
BARITOP see: CR0600000
BARITRATE see: RZ2620000

CQ8370000 BARIUM
UPDT:8404 CAS: 7440-39-3 MW: 137.34 MOLFM: Ba
SYN: BARIUM, alloys, non-pyrophoric (DOT) * BARIUM, alloys, pyrophoric (DOT) * BARIUM, metal, non-pyrophoric (DOT) * UN 1399 (DOT) * UN 1400 (DOT) * UN 1854 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 500 ug/m3 DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET CFRGBR 49,172.102,83
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE, pyrophoric CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S198
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

BARIUM ACETATE see: AF4550000
BARIUM ALUMINUM TITANATE see: BD0345000

CQ8500000 BARIUM AZIDE
UPDT:8401 CAS: 18810-58-7 MW: 221.40 MOLFM: Ba-N6
SYN: BARIUM AZIDE, dry or containing less than 50% water or alcohol (DOT) * UN 0224 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CQ8510000 BARIUM AZIDE, (wet)
UPDT:8308 CAS: 18810-58-7 MW: 221.40 MOLFM: Ba-N6
SYN: BARIUM AZIDE, wet, 50% or more water (DOT) * UN 1571 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BARIUM, alloys, non-pyrophoric (DOT) see: CQ8370000
BARIUM, alloys, pyrophoric (DOT) see: CQ8370000
BARIUM AZIDE, dry or containing less than 50% water or alcohol (DOT) see: CQ8500000
BARIUM, metal, non-pyrophoric (DOT) see: CQ8370000
BARIUM AZIDE, wet, 50% or more water (DOT) see: CQ8510000
BARIUM BINOXIDE see: CR0175000
BARIUM BIS(TETRAFLUOROBORATE) see: CQ8925000
BARIUM BROMATE see: EF8715000
BARIUM BROMATE (DOT) see: EF8715000
BARIUM CADMIUM LAURATE see: OE9805000
BARIUM CADMIUM STEARATE see: WI2830000
BARIUM CALCIUM TITANATE see: CQ8580000

CQ8580000 BARIUM CALCIUM TITANIUM OXIDE
UPDT:8408 CAS: 52869-93-9
SYN: BARIUM CALCIUM TITANATE * CALCIUM BARIUM TITANATE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1700 mg/kg GTPZAB 26(9),10,82
2J13M10 ipr-mam LD50:720 mg/kg GTPZAB 21(6),13,77

BARIUM CARBONATE see: CQ8600000

CQ8600000 BARIUM CARBONATE (1:1)
UPDT:8408 CAS: 513-77-9 MW: 197.35 MOLFM: C-O3-Ba
SYN: BARIUM CARBONATE * CARBONIC ACID, BARIUM SALT (1:1) * C.I. 77099 * C.I. PIGMENT WHITE 10
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 ihl-rat TCLo:1150 ug/m3/24H (16W male) GTPZAB 20(7),33,76
2T11T12 ihl-rat TCLo:3130 ug/m3/24H (16W pre) GTPZAB 20(7),33,76
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:57 mg/kg PCOC** ,95,66
3C08C10F18 orl-hmn TDLo:29 mg/kg IJMDAI 3,565,67
* orl-rat LD50:418 mg/kg 85GMAT ,23,82
ivn-mus LDLo:20 mg/kg EQSSDX 1,1,75
* orl-mus LD50:200 mg/kg 85GMAT ,23,82
* ipr-mus LD50:50 mg/kg 85GMAT ,23,82
orl-dog LDLo:400 mg/kg PCOC** ,95,66
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Ba)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BARIUM CHLORATE see: FN9770000
BARIUM CHLORATE (DOT) see: FN9770000
BARIUM CHLORATE, WET (DOT) see: FN9775000

CQ8750000 BARIUM CHLORIDE
UPDT:8307 CAS: 10361-37-2 MW: 208.24 MOLFM: Ba-Cl2
SYN: BARIUM DICHLORIDE * NCI-C61074 * SBA 01086
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 itt-rat TDLo:16659 ug/kg (1D male) JRPFA4 7,21,64
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:11.4 mg/kg 28ZAA9 7,478,48
orl-rat LD50:118 mg/kg FOREAE 7,313,42
scu-rat LD50:178 mg/kg 27ZIAQ -,53,73
ivn-rat LDLo:20 mg/kg JLCMAK 15,35,29
orl-mus LDLo:70 mg/kg EQSSDX 1,1,75
ipr-mus LD50:54 mg/kg COREAF 256,1043,63
scu-mus LDLo:10 mg/kg NTIS** AEC-TR-6710
ivn-mus LD50:12 mg/kg TXAPA9 22,150,72
orl-dog LDLo:90 mg/kg 27ZIAQ -,53,73
scu-dog LDLo:10 mg/kg HBAMAK 4,1289,35
scu-cat LDLo:38 mg/kg 27ZIAQ -,53,73
orl-rbt LDLo:170 mg/kg 27ZIAQ -,53,73
scu-rbt LDLo:55 mg/kg FOREAE 7,313,42
orl-gpg LD50:76 mg/kg 27ZIAQ -,53,73
scu-gpg LDLo:55 mg/kg HBAMAK 4,1289,35
scu-frg LDLo:910 mg/kg
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, FOREAE 7,313,42
★ TLV-TWA 0.5 mg(Ba)/m3 DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Ba)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CQ8751000 BARIUM CHLORIDE, DIHYDRATE
UPDT:8412 CAS: 10326-27-9 MW: 244.28 MOLFM: Ba-Cl2-2H2-O
SYN: BARIUM DICHLORIDE DIHYDRATE * NCI-C61074
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

BARIUM CHROMATE see: CQ8760000
BARIUM CHROMATE (1:1) see: CQ8760000

CQ8760000 BARIUM CHROMATE(VI)
UPDT:8209 CAS: 10294-40-3 MW: 253.36 MOLFM: Ba-Cr-M2-O4
SYN: BARIUM CHROMATE * BARIUM CHROMATE (1:1) * BARIUM CHROMATE OXIDE * BARYTA YELLOW * CHROMIC ACID, BARIUM SALT (1:1) * C.I. 77103 * C.I. PIGMENT YELLOW 31 * LEMON CHROME * LEMON YELLOW * PERMANENT YELLOW * STEINBUHL YELLOW * ULTRAMARINE YELLOW
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN POSITIVE IARC** 23,205,80
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 2,100,73
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,98,80
★ TLV-CARCINOGEN DTLVS* 4,98,80

BEST COPY AVAILABLE

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM(VI) recm std-air:CL 1 ug(Cr(VI))/m3 — NTIS**
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976
REPORTED IN EPA TSCA INVENTORY, 1983
BARIUM CHROMATE OXIDE see: CQ8760000

CQ8785000 BARIUM CYANIDE
UPDT:8406 CAS: 542-62-1 MW: 189.38 MOLFM: C2-Ba-N2
SYN: BARIUM CYANIDE, SOLID (DOT) * BARIUM DICYANIDE * RCRA WASTE NUMBER P013 * UN 1565 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 — DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) — FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BARIUM CYANIDE, SOLID (DOT) see: CQ8785000
BARIUM DIACETATE see: AF4550000
BARIUM DICHLORIDE see: CQ8750000
BARIUM DICHLORIDE DIHYDRATE see: CQ8751000
BARIUM DICYANIDE see: CQ8785000
BARIUM DINITRATE see: CQ9625000
BARIUM DIOXIDE see: CR0175000
BARIUM FERRATE see: CQ9520800
BARIUM FERRITE see: CQ9520800

CQ8925000 BARIUM FLUOBORATE
UPDT:8102 CAS: 13862-62-9 MW: 310.96 MOLFM: B2-F8-Ba
SYN: BARIUM BIS(TETRAFLUOROBORATE) * BARIUM TETRAFLUOROBORATE * BORATE(1-), TETRAFLUORO-, BARIUM (2:1)
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg — NCNSA6 5,27,53
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 — DTLVS* 4,35,80
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) — FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

CQ9100000 BARIUM FLUORIDE
UPDT:8408 CAS: 7787-32-8 MW: 175.34 MOLFM: Ba-F2
SYN: BARYUM FLUORURE (French)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T59 ipr-mus TDLo:525 mg/kg (1-21D preg) — DZZEA7 34,484,79
1T34 ipr-mus TDLo:656 mg/kg (1-21D preg) — DZZEA7 34,484,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg — VAMNAQ (2),28,77
ipr-mus LD50:29910 ug/kg — DZZEA7 34,484,79
scu-frg LDLo:1540 mg/kg — CRSBAW 124,133,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 0.5 mg(Ba)/m3 — DTLVS* 4,35,80
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Ba)/m3 (SCP-X) — FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BARIUM FLUOROSILICATE see: CR0525000
BARIUM FLUOSILICATE see: CR0525000
BARIUM HEXAFERRITE see: CQ9520800
BARIUM HEXAFLUOROSILICATE see: CR0525000
BARIUM HEXAFLUOROSILICATE(2-) see: CR0525000
BARIUM HYPOCHLORITE see: NH3480000
BARIUM HYPOCHLORITE, containing more than 22% available chlorine (DOT) see: NH3480000

CQ9520800 BARIUM IRON OXIDE
UPDT:8406 CAS: 12047-11-9 MW: 1111.54 MOLFM: Ba-Fe12-O19
SYN: BARIUM FERRATE * BARIUM FERRITE * BARIUM HEXAFERRITE * FERRATE (Fe12-O19(sup 2-1)), BARIUM (1:1) (9CI) * FERROXDURE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ihl-rat TCLo:760 ug/m3/24H (17W male) — GISAAA 48(7),68,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BARIUM MONOXIDE see: CQ9800000
BARIUM NITRATE see: CQ9625000

CQ9625000 BARIUM(II) NITRATE (1:2)
UPDT:8405 CAS: 10022-31-8 MW: 261.36 MOLFM: N2-O6-Ba
SYN: BARIUM DINITRATE * BARIUM NITRATE * BARIUM NITRATE (DOT) * DUSICNAN BARNATY (Czech) * NITRATE DE BARYUM (French) * NITRIC ACID BARIUM SALT * UN 1446 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — 28ZPAK -,10,72
eye-rbt 100 mg/24H SEV — 28ZPAK -,10,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:355 mg/kg — 28ZPAK -,10,72
scu-mus LDLo:10 mg/kg — NTIS** AEC-TR-6710
ivn-mus LD50:8500 ug/kg — TXAPA9 22,150,72
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 — DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Ba)/m3 (SCP-X) — FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BARIUM NITRATE (DOT) see: CQ9625000

CQ9800000 BARIUM OXIDE
UPDT:8312 CAS: 1304-28-5 MW: 153.34 MOLFM: Ba-O
SYN: BARIUM MONOXIDE * BARIUM OXIDE (DOT) * BARIUM PROTOXIDE * BARYTA * CALCINED BARYTA * OXYDE DE BARYUM (French) * UN 1884 (DOT)
TOXICITY DATA AND REFERENCES:
scu-mus LD50:50 mg/kg — ZVKOA6 19,186,74
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 — DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Ba)/m3 (SCP-X) — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-B; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BARIUM OXIDE (DOT) see: CQ9800000
BARIUM PERCHLORATE (DOT) see: SC7550000
BARIUM PERMANGANATE (DOT) see: SD6405000
BARIUMPEROXID (German) see: CR0175000

CR0175000 BARIUM PEROXIDE
UPDT:8308 CAS: 1304-29-6 MW: 169.34 MOLFM: Ba-O2
SYN: BARIO (PEROSSIDO DI) (Italian) * BARIUM BINOXIDE * BARIUM DIOXIDE * BARIUMPEROXID (German) * BARIUM PEROXIDE (DOT) * BARIUMPEROXYDE (Dutch) * BARIUM SUPEROXIDE * DIOXYDE DE BARYUM (French) * PEROXYDE DE BARYUM (French) * UN 1449 (DOT)
TOXICITY DATA AND REFERENCES:
scu-mus LD50:50 mg/kg — ZVKOA6 19,186,74
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 — DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) — FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BARIUMPEROXYDE (Dutch) see: CR0175000
BARIUM PEROXIDE (DOT) see: CR0175000
BARIUM POLYSULFIDE see: CR0660000

CR0270000 BARIUM POLYSULFIDE
UPDT:8309 CAS: 50864-67-0
SYN: BARIUM SULFIDE * SOLABAR * SOLBAR
TOXICITY DATA AND REFERENCES:
3C08F18J22 orl-man TDLo:226 mg/kg — AIMDAP 132,891,73
" orl-rat LD50:375 mg/kg — FMCHA2 -,C25,83
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 — DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) — FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BARIUM PROTOXIDE see: CQ9800000

CR0525000 BARIUM SILICOFLUORIDE
UPDT:8111 CAS: 17125-80-3 MW: 279.43 MOLFM: F6-Si-Ba
SYN: BARIUM FLUOROSILICATE * BARIUM FLUOSILICATE * BARIUM HEXAFLUOROSILICATE * BARIUM HEXAFLUOROSILICATE(2-) * BARIUM SILICON FLUORIDE * SILICATE(2-), HEXAFLUORO- BARIUM * SILICATE(2-), HEXAFLUORO-, BARIUM (1:1) (9CI) * SILICON FLUORIDE BARIUM SALT
TOXICITY DATA AND REFERENCES:
orl-rat LD50:175 mg/kg — AFDOAQ 15,122,51
orl-rbt LDLo:175 mg/kg — JPETAB 39,246,30
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 — DTLVS* 4,35,80
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) — FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BARIUM SILICON FLUORIDE see: CR0525000

CR0600000 BARIUM SULFATE
UPDT:8405 CAS: 7727-43-7 MW: 233.40 MOLFM: O4-S-Ba
SYN: ACTYBARYTE * ARTIFICIAL BARITE * ARTIFICIAL HEAVY SPAR * BAKONTAL * BARIDOL * BARITE * BARITOP * BARIUM SULFATE (1:1) * BARIUM SULPHATE * BAROSPERSE * BAROTRAST * BARYTA WHITE * BARYTES * BARYTES 22 * BAYRITES * BLANC FIXE * C.I. 77120 * C.I. PIGMENT WHITE 21 * CITOBARYUM * COLONATRAST * ENAMEL WHITE * ESOPHOTRAST * EWEISS * E-Z-PAQUE * FINEMEAL * LACTOBARYT * LIQUIBARINE * MACROPAQUE * NEOBAR * ORATRAST * PERMANENT WHITE * PRECIPITATED BARIUM SULPHATE * RAYBAR * REDI-FLOW * SOLBAR * SULFURIC ACID, BARIUM SALT (1:1) * SUPRAMIKE * TRAVAD * UNIBARYT
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipl-rat TDLo:200 mg/kg — BJCAAI 28,173,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 31BYAP -,94,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BARIUM SULFATE (1:1) see: CR0600000
BARIUM SULFIDE see: CR0270000

CR0660000 BARIUM SULFIDE, mixture with SULFUR
UPDT:8306 CAS: 8077-30-3
SYN: BARIUM POLYSULFIDE * NEOPOL (FUNGICIDE) * SULFUR, mixture with BARIUM SULFIDE
TOXICITY DATA AND REFERENCES:
3J30L01P01 orl-rat LD50:640 mg/kg — ATXKAB 27,106,71

CR0700000 BARIUM SULFONATES
DEF: BARIUM salts of various alkyl aryl SULFONIC ACIDS in oil solution (27ZTAP 3,21,69)
UPDT:7901
TOXICITY DATA AND REFERENCES:
" orl-rat LD50:3000 mg/kg — AEHLAU 6,324,63
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 — DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) — FEREAC 39,23540,74
BARIUM SULPHATE see: CR0600000
BARIUM SUPEROXIDE see: CR0175000
BARIUM TETRAFLUOROBORATE see: CQ8925000
BARIUM ZIRCONATE see: CR0875000
BARIUM ZIRCONIUM OXIDE see: CR0875000

CR0875000 BARIUM ZIRCONIUM(IV) OXIDE
UPDT:8102 CAS: 12009-21-1 MW: 366.22 MOLFM: O4-Zr-Ba
SYN: BARIUM ZIRCONATE * BARIUM ZIRCONIUM OXIDE * BARIUM ZIRCONIUM TRIOXIDE * ZIRCONATE, BARIUM (1:1)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1980 mg/kg — AIHAAP 24,131,63
ipr-rat LD50:420 mg/kg — AIHAAP 24,131,63
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 — DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) — FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BARIUM ZIRCONIUM TRIOXIDE see: CR0875000
BARLENE 125 see: JR6600000

CR0900000 BARLERIA CRISTATA L., leaf and stem extract
DEF: Jamaican plant belonging to the family ACANTHACEAE (JPPMAB 16,115,64)
UPDT:8405

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
1H01 ipr-mus LDLo:40 gm/kg JPPMAB 16,115,64

CR0905000 BARLERIA DICHOTOMA Roxb., extract excluding roots
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

CR0910000 BARLERIA NOCTIFLORA Linn. f., extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

CR0915000 BARLERIA PRIONITIS Linn., extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:100 mg/kg IJEBA6 16,228,78

BARNETIL see: BZ3390000
BAROLA EXTRACT (Indian) see: GM2464000
BARON see: UF1400000
BARONE see: PB1300000
BAROS CAMPHOR see: ED7000000
BAROSPERSE see: CR0600000
BAROTRAST see: CR0600000
BARPENTAL see: CQ6125000
BARQUAT MB-50 see: BO3150000
BARQUAT MB-80 see: BO3150000
BARQUAT SB-25 see: BO7000000
BARQUINOL see: VC5075000
BARRICADE see: GZ1250000

CR1285000 BARRINGTONIA RACEMOSA Roxb., extract excluding roots
DEF:Indian plant belonging to the family LECYTHIDACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: HIJAL EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

BARSEB HC see: GM8925000
BARTHRIN see: GZ1452000
BARTOL see: CQ6825000
BARYTA see: CQ9800000
BARYTA WHITE see: CR0600000
BARYTA YELLOW see: CQ8760000
BARYTES see: CR0600000
BARYTES 22 see: CR0600000
BARYUM FLUORURE (French) see: CQ9100000
BAS see: NL4025000
BAS-083 see: TN4939200
BAS 3220 see: BA3650000
BAS-3460 see: DD6500000
BAS 4239 see: GQ4375000
BAS 9052 see: GW7191000
BAS 67054 see: DD6500000
BASAGRAN see: DK9900000
BASAK EXTRACT (Indian) see: HX7570000
BASALIN see: XU5160000
BASAMAIZE see: AE1140000
BASAMID see: XI28000C0
BASAMID-FLUID see: FC2100000
BASAMID G see: XI2800000
BASAMID-GRANULAR see: XI2800000
BASAMID P see: XI2800000
BASAMID-PUDER see: XI2800000
BASANITE see: SJ9800000
BASCURAT see: DN9205000
BASE 661 see: WL6478000
BASECIL see: YR0875000
BASEDOL see: XJ2100000
BASE LP 12 see: MD0875000
BASE OIL see: SE7175000
BASERGIN see: KE5075000
BASETHYRIN see: YR0875000
BASF see: YU1610000
BASF III see: WL6475000
BAS 352 F see: RP8530000
BAS 2205-F see: QE2705000
BAS 2382 F see: QE0610000
BAS 32500F see: BA3675000
BAS 36801F see: OP0480000
BASFAPON see: UF0690000
BASFAPON B see: UF0690000
BASFAPON B see: UF1225000
BASFAPON/BASFAPON N see: UF0690000
BASF-GRUNKUPFER see: GL7020000
BASF-MANEB SPRITZPULVER see: OP0700000
BASF MEHLTAUMITTEL see: QE0610000
BASFUNGIN see: PX4520050
BASFUNGINE see: PX4520050
BASF URSOL D see: SS8050000
BASF URSOL EG see: SJ4900000
BASF URSOL ERN see: QL2800000
BASF URSOL 3GA see: SJ4950000
BASF URSOL P BASE see: SJ5075000
BASF URSOL SLA see: ST2705000
BAS-290-H see: AE1140000
BAS 351-H see: DK9900000
BAS 392-H see: XU5160000
BAS 479H see: AB5442000
BAS 2900H see: AE1140000
BAS 2903H see: AE1140000
BASIC ALUMINUM CHLORATE see: BD0550000
BASIC BLUE 9 see: SO5600000
BASIC BRIGHT GREEN see: BP6825000
BASIC BRIGHT-GREEN SULFATE see: BP6825000
BASIC BRILLIANT GREEN see: BP6825000
BASIC CHROMIC SULFATE see: QO6800000
BASIC CHROMIC SULPHATE see: QO6800000
BASIC CHROMIUM SULFATE see: QO6800000
BASIC CHROMIUM SULPHATE see: QO6800000
BASIC COPPER CARBONATE see: GL6910000
BASIC COPPER(II) CARBONATE see: GL6910000
BASIC COPPER CHLORIDE see: GL7020000
BASIC CUPRIC CARBONATE see: GL6910000
BASIC FUCHSINE see: CX9855000
BASIC GREEN 1 see: BP6825000
BASIC GREEN V see: BP6825000
0% BASICITY CHROME ALUM see: GB6845000
BASIC LEAD ACETATE see: OF8750000
BASIC LEAD CHROMATE see: OF9800000
BASIC MAGENTA see: CX9855000
BASIC MAGENTA E-200 see: CX9855000
BASIC MERCURIC SULFATE see: OW8810000
BASIC NICKEL CARBONATE see: QR6200000
BASIC ORANGE 3m see: AR7600000
BASIC PANCREATIC TRYPSIN INHIBITOR see: YN5080000
BASIC PARAFUCHSINE see: CX9850000
BASIC RED 1 see: DH0175000
BASIC RED 2 see: SG1623000
BASIC RHODAMINE YELLOW see: DH0175000
BASIC RHODAMINIC YELLOW see: DH0175000
BASIC VIOLET 3 see: BO9000000
BASIC VIOLET 10 see: BP3675000
BASIC VIOLET BN see: BO9000000
BASIC VIOLET K see: GC8425000
BASIC ZINC CHROMATE see: GB3290000
BASIC ZINC CHROMATE see: GB3295000
BASIC ZINC CHROMATE X-2259 see: GB3290000
BASIC ZIRCONIUM CHLORIDE see: ZH7700000

CR3325000 BASIL OIL
UPDT:8307 CAS: 8015-73-4
SYN: OCIMUM BASILICUM OIL * OIL OF BASIL * OILS, BASIL
IRRITATION DATA AND REFERENCES:
skn-mus 100% MLD FCTXAV 11,867,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1400 mg/kg FCTXAV 11,867,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BASINEX see: UF0690000
BASITAC see: CV5581700
BASLE GREEN see: GL6475000
BASOFORTINA see: KE5425000
BASOLAN see: NI8615000
BASOLEST see: NJ2441000
BASON see: SC4800000

CR3410000 BASORA CORRA
DEF:Aqueous extract from the root of the plant (JNCIAM 52,445,74)
UPDT:8401
SYN: MELOCHIA TOMENTOSA
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:300 gm/kg/60W-I JNCIAM 52,445,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BASSA see: FB5425000
BASUDIN see: TF3325000
BASUDIN 10 G see: TF3325000
BAS-08300W see: TN4939200
BAS 08301W see: TN4939200
BAS 08305 W see: TN4939200
BAS 08306 W see: TN4939200
BAS 08307 W see: TN4939200
BAS85559X see: TN4939200
BAT see: YM4151000
BATABILEBUM EXTRACT (Indian) see: GE8818000
BATASAN see: WH6650000
BATAZINA see: XY5250000
BATEL see: ME8575000
BATIDROL see: CB1225000
BATILOL see: TZ0960000

CR3990000 BATRACHOTOXIN
UPDT:8403 CAS: 23509-16-2 MW: 538.75 MOLFM: C31-H42-N2-O6
SYN: BATRACHOTOXININ A, 20-(2,4-DIMETHYL-1H-PYRROLE-3-CARBOXYLATE) * BETRACHOTOXININ A, 20-alpha-(2,4-DIMETHYL-1H-PYRROLE-3-CARBOXYLATE) (9CI) * BTX
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2 ug/kg TOXIA6 7,315,69
scu-mus LD50:2 ug/kg CTOXAO 4,331,71

CR4724950 BATRACHOTOXININ A, 20-(2,5-DIMETHYLPYRROLE-3-CARBOXYLATE)
UPDT:8412 MW: 538.75 MOLFM: C31-H42-N2-O6
SYN: BCT
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:2 ug/kg PCJOAU 13,1247,79

BATRACHOTOXININ A, 20-(2,4-DIMETHYL-1H-PYRROLE-3-CARBOXYLATE) see: CR3990000
BATRAFEN see: UU7785500
BATRILEX see: DA6650000
BATROXOBIN see: UK9588000
B. ATROX VENOM see: YX3964600
BATYL ALCOHOL see: TZ0960000

CR5640000 BAUHINIA GALPINI N.E.Br., leaf and stem extract
DEF:Jamaican plant belonging to the family CAESALPINIACEAE (JPPMAB 16,115,64)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H01 ipr-mus LDLo:4 gm/kg JPPMAB 16,115,64

CR5650000 BAUHINIA MALABARICA Roxb., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8302
SYN: KHATWA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

CR5660000 BAUHINIA VAHLII W.P.A., stem extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 6,232,68)
UPDT:8302
SYN: MALU STEM EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:250 mg/kg IJEBA6 6,232,68

BAU see: FF5250100
BAUMYCIN A1 see: QI9293500
BAUMYCIN A2 see: QI9294000
BAUMYCIN B1 see: QI9297100
BAUMYCIN C1 see: QI9295600

CR5700000 BAUXITE
UPDT:8012 CAS: 1318-16-7 MW: 228.10 MOLFM: Al2-O3 .xH2-O
SYN: FLORITE * POROCEL * POROCEL O
TOXICITY DATA AND REFERENCES:
1J12 ihl-hmn TCLo:22 mg/m3/5Y GTPZAB 4,28,60

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

REVIEW AND REFERENCES:
★ TLV-TWA 10 mg(Al)/m3 DTLVS° 4,13,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BAUXITE RESIDUE see: NO7400000
BAVISTIN see: DD6500000
BAX see: KR7000000
BAXACOR see: UH0350000
BAX 1400Z see: RP9100000
BAX 2793Z see: XH4920000
BAY 188 see: UC1934050
BAY 1040 see: US7975000
BAY 1420 see: AG9625000
BAY 1521 see: HP1150000
BAY 2353 see: VN8400000
BAY 2502 see: XM3020000
BAY 3517 see: GU8400000
BAY 4059 see: VN8230000
BAY 4503 see: UE4526000
BAY 4934 see: CH7000000
BAY 5072 see: CZ1750000
BAY 5097 see: NI4377000
BAY 5621 see: MD4740000
BAY 5821 see: TF6125000
BAY 9002 see: QK5775000
BAY 9010 see: FC3150000
BAY 9017 see: TF4200000
BAY 9026 see: FC5775000
BAY 9027 see: TE1925000
BAY 10756 see: TF3150000
BAY 11405 see: TG0175000
BAY 15080 see: DH6125000
BAY 15203 see: TG1650000
BAY 15203 see: TG1760000
BAY 15922 see: TA0700000
BAY 16255 see: TD8400000
BAY 17147 see: TE1925000
BAY 18436 see: TG1750000
BAY 18779 see: TI5250000
BAY-19149 see: TC0350000
BAY 19639 see: TD9275000
BAY 21097 see: TG1420000
BAY 21/199 see: GN6300000
BAY 22,408 see: QK5950000
BAY 22555 see: CZ1750000
BAY 23129 see: TE4375000
BAY 23323 see: TD8600000
BAY 23655 see: TG1575000
BAY 25141 see: TF3850000
BAY 25634 see: GN7630000
BAY 25660 see: TF7850000
BAY 26405 see: TD5200000
BAY 28589 see: SK8400000
BAY 29492 see: TF4100000
BAY 29493 see: TF9625000
BAY 30130 see: UE4900000
BAY 30237 see: TB1667000
BAY 30468 see: TB1120000
BAY 30686 see: FG2700000
BAY 30749 see: TB1110000
BAY 30911 see: TB1080000
BAY 32394 see: DE2275000
BAY 32651 see: FC5600000
BAY 33051 see: AI7875000
BAY 33172 see: DD9010000
BAY 33904 see: TD2700000
BAY 34042 see: TB5600000
BAY 34371 see: TF4200000
BAY 34727 see: TF7600000
BAY 35570 see: TC5100000
BAY 35681 see: TC4985000
BAY 36205 see: FG1400000
BAY 36743 see: TA5425000
BAY 37289 see: TB0700000
BAY 37342 see: TF9800000
BAY 37344 see: FC5775000
BAY 38156 see: TA6125000
BAY 38819 see: TB4725000
BAY 39007 see: FC3150000
BAY 39731 see: FB7880000
BAY 41831 see: TG0350000
BAY 42524 see: TD5180000
BAY 42903 see: TA6825000
BAY 44646 see: FC0175000
BAY 45432 see: TF8050000
BAY 45515 see: TG0100000
BAY 45522 see: TB1470000
BAY 45556 see: TB0620000
BAY 46131 see: ZH4950000
BAY 47073 see: TE1420000
BAY 47185 see: TE0660000
BAY 47190 see: FC5075000
BAY 47191 see: FC5250000
BAY 47531 see: WO6475000
BAY 48130 see: FB9625000
BAY 48772 see: TB1660000
BAY 48792 see: TB0600000
BAY 50282 see: FB8400000
BAY 51294 see: TB1105000
BAY 52553 see: TG2220000
BAY 55640 see: TC5600000
BAY 60618 see: YR8985000
BAY 61597 see: XZ2990000
BAY 62863 see: FB9625000
BAY 64995 see: TG0770000
BAY 65258 see: TB5000000
BAY 68138 see: TB3675000
BAY 69047 see: TG2300000
BAY 69588 see: TB1450000
BAY 70143 see: FB9450000
BAY 70533 see: UE8840000
BAY 71628 see: TB4970000
BAY 77049 see: TF6125000
BAY 77488 see: MD4740000
BAY 78418 see: TE3850000
BAY-92114 see: VO4395500
BAY 105807 see: FB7880000
BAY-a 7168 see: US7972200
BAY A 139 see: DK3325000
BAY A 1040 see: US7975000
BAY b 5097 see: NI4377000
BAY-B 5097 see: NI4377000
BAY BUE T452 see: WH8637700
BAYCARB see: FB5425000
BAYCID see: TF9625000
BAYCLEAN see: BO3150000
BAY d8815 see: AB7880000
BAY DIC 1468 see: XZ2990000
BAY-DRW 1139 see: XZ3015000
BAY-E-393 see: XN4375000
BAY E-601 see: TG0175000
BAY E-605 see: TF4550000
BAY ENE 11183 B see: GN7630000
BAYER 73 see: VN8400000
BAYER 73 see: VN8575000
BAYER 188 see: UC1934050
BAYER 205 see: QM7000000
BAYER 693 see: CJ1330000
BAYER 1219 see: SO5700000
BAYER 1355 see: FA4439000
BAYER 1362 see: EL9200000
BAYER 1420 see: AG9625000
BAYER 2353 see: VN8400000
BAYER 2502 see: XM3020000
BAYER 3231 see: DK7175000
BAYER 4245 see: DO0875000
BAYER 4889 see: SK8400000
BAYER 4935 see: FG2700000
BAYER 4964 see: FG1400000
BAYER 5072 see: CZ1750000
BAYER 5080 see: FC0175000
BAYER 5081 see: TB0700000
BAYER 5312 see: NS0350000
BAYER 5360 see: NI5600000
BAYER 8169 see: TF3150000
BAYER 9007 see: TF9625000
BAYER 9027 see: TE1925000
BAYER 9051 see: NJ5950000
BAYER 13242 see: TB6180000
BAYER 15080 see: DH6125000
BAYER 15922 see: TA0700000
BAYER 16259 see: TD8400000
BAYER 17147 see: TE1925000
BAYER 18510 see: AI7875000
BAYER 18613 see: MC5420000
BAYER 18779 see: TI5250000
BAYER 19639 see: TD9275000
BAYER 21097 see: TG1420000
BAYER 21/116 see: TG1760000
BAYER 21/199 see: GN6300000
BAYER 22/190 see: TE7875000
BAYER 22/190 see: TE8050000
BAYER 22555 see: CZ1750000
BAYER 23655 see: TG1575000
BAYER 24869 see: TB8809500
BAYER 25141 see: TF3850000
BAYER 25142 see: TF6600000
BAYER 25/154 see: TG1750000
BAYER 25198 see: TF9370000
BAYER 25 634 see: GN7630000
BAYER 25648 see: VN8575000
BAYER 25660 see: TF7850000
BAYER 25820 see: QK5775000
BAYER 26405 see: TD5200000
BAYER 28589 see: SK8400000
BAYER 29491 see: TE7800000
BAYER 29492 see: TF4100000
BAYER 29493 see: TF9625000
BAYER 29709 see: TG2920000
BAYER 29759 see: XI2850000
BAYER 29952 see: TB1160000
BAYER 30468 see: TB1120000
BAYER 30237 see: TB1667000
BAYER 30554 see: TB1665000
BAYER 30686 see: FG2700000
BAYER 30749 see: TB1110000
BAYER 30750 see: TB1112000
BAYER 30911 see: TB1080000
BAYER 31686 see: FG2700000
BAYER 31757 see: XU5500000
BAYER 32394 see: DE2275000
BAYER 32651 see: FC5600000
BAYER 33172 see: DD9010000
BAYER 33904 see: TD2700000
BAYER 34,042 see: TB5600000
BAYER 34098 see: SZ5982000
BAYER 34727 see: TF7600000
BAYER 35570 see: TC5100000
BAYER 35681 see: TC4985000
BAYER 36205 see: FG1400000
BAYER 36743 see: TA5425000
BAYER 37289 see: TB0700000
BAYER 37341 see: TF4200000
BAYER 37342 see: TF9800000
BAYER 37344 see: FC5775000
BAYER 38156 see: TA6125000
BAYER 38819 see: TB4725000
BAYER 39007 see: FC3150000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

BAYER 39731 see: FB7880000
BAYER 41831 see: TG0350000
BAYER 42524 see: TD5180000
BAYER 44646 see: FC0175000
BAYER 45,432 see: TF8050000
BAYER 45515 see: TG0100000
BAYER 45522 see: TB1470000
BAYER 45556 see: TB0620000
BAYER 46131 see: ZH4950000
BAYER 47043 see: TE1420000
BAYER 47185 see: TE0660000
BAYER 47190 see: FC5075000
BAYER 47531 see: WO6475000
BAYER 47940 see: TF6899000
BAYER 48772 see: TB1660000
BAYER 48792 see: TB0600000
BAYER 51294 see: TB1105000
BAYER 52553 see: TG2220000
BAYER 54203 see: TF6899500
BAYER 62863 see: FB9625000
BAYER 64995 see: TG0770000
BAYER 65258 see: TB5000000
BAYER 69047 see: TG2300000
BAYER 69588 see: TB1450000
BAYER 70533 see: UE8840000
BAYER 71628 see: TB4970000
BAYER 77488 see: MD4740000
BAYER 78418 see: TE3850000
BAYER 94337 see: XZ2990000
BAYER A-128 see: YN5080000
BAYER A 139 see: DK3325000
BAYER 7602 (Ac) see: ON9133000
BAYER-E 393 see: XN4375000
BAYER E-605 see: TF4550000
BAYER E-838 see: GN7525000
BAYER E39 SOLUBLE see: DK3325000
BAYER 6159H see: XZ2990000
BAYER 6443H see: XZ2990000
BAYERITIAN see: XR2275000
BAYER L 13/59 see: TA0700000
BAYER 1440 L see: AY5950000
BAYER 5767 see: TF3850000
BAYER 5940 see: QK5775000
BAYER S-1752 see: TF9625000
BAYER S 4400 see: TB0700000
BAYER S 5660 see: TG0350000
BAYER Ss2074 see: FG1400000
BAYER 37344 SULFONE see: FC5250000
BAYERTITAN see: XR2275000
BAY 6681 F see: EL7100000 2-BUTANONE, 1-(4-CHLOROPHENOXY)-3,3-DIMETHYL-1-(1,2,4-TRIAZOL-1-YL)-
BAY FCR 1272 see: GZ1253000
BAY G 2821 see: UR0370000
BAYGNOSTIL see: ET6750000
BAYGON see: FC3150000
BAYGON, NITROSO derivative see: FC6480000
BAY H 4502 see: NI3517000
BAY-HOX-1901 see: FC2628000
BAY 1470 HYDROCHLORIDE see: XJ0776350
BAY-I-7433 see: UY5768800
BAY KWG 0519 see: KK2200000
BAYLETON see: EL7100000
BAYLUSCID see: VN8400000
BAYLUSCID see: VN8575000
BAYLUSCIDE see: VN8575000
BAY-MEB-6447 see: EL7100000
BAYMIX see: GN6300000
BAYMIX 50 see: GN6300000
BAY NNT 6867 see: MB9200000
BAY NTN80 see: TB5100000
BAY NTN6867 see: TB5100000
BAY NTN 8629 see: TD5680000
BAY-NTN-9306 see: TE4165000
BAYOL 55 see: PY8030000
BAYOL F see: PY8030000
BAYONOX see: VD1582000
BAYPRESOL see: AY5950000
BAYRITES see: CR0600000
BAYROGEL see: CB4400000
BAYRUSIL see: TF6125000
BAY S 2758 see: FC5600000
BAY S 5660 see: TG0350000
BAY-SRA-12869 see: VO4395500
BAY 37344 SULFONE see: FC5250000
BAYTAN see: KK2200000
BAYTAN see: OW0875000
BAYTEX see: TF9625000
BAYTHION see: MD4740000
BAYTHROID see: GZ1253000
BAYTHROID H see: GZ1253000
BAYTITAN see: XR2275000
BAY-VA 1470 see: XJ0776350
BAY-VA 4059 see: VN8230000
BAZUDEN see: TF3325000
BBAL see: LU3562100
BBC see: AL6050000
BBC see: DD6475000
BBC 12 see: TX8750000
BBCE see: UG2975000
BBN see: GV4900000
BB-K 8 see: WK1955000
BB-KB see: WK1961200
B. BLANDINGI VENOM see: YX3963100
BBM-928A see: CB9391300
BBN see: EL1225000
BBN see: AL8050000
BBP see: TH9990000
BC 18 see: BR3260000
BC 20 see: YU1610000
BC 40 see: YU1610000
BC 77 see: YU1610000
BC 757 see: MC5408000
BCF-BUSHKILLER see: AJ8400000
4311/B CIBA see: TM3675000
BCM see: OP2275000
BCM see: DD6500000
BCM see: OP2100000
BCM (NH) see: YR8950000
BCME see: KN1575000
BCNU see: YS2625000
BCP see: CQ1497900
BCPE see: DC7875000
BCPE mixed with CPAS see: KJ7780000
BCPN see: ES8125000
BC 20 (POLYMER) see: YU1610000
BCS COPPER FUNGICIDE see: GL8800000
BCT see: CR4724950
BCTB see: AJ3400000
BCX 2600 see: SB3393000
BD 40A see: LQ2988000
BDCM see: PA5310000
(BDH) see: SC4900000
BDH 312 see: TZ1225000
BDH 1298 see: TU4075000
BDH 1921 see: TU4141000
BDH 2700 see: RC8924800
BDH 6140 see: RC8924700
BDH 6146 see: KG7660000
BDH 29-790 see: WL6475000
BDH 29-801 see: KX4025000
B.D.H. 200 HYDROCHLORIDE see: NS5425000
BDMA see: DP4500000
BDP see: TU4056500
BDU see: YU7350000
5-BDU see: YU7350000
BE see: KJ8225000 ETHANOL, 2-BROMO-
Be 724-A see: DK8225000
BEACILLIN see: XH9425000
BEAM see: XZ5475000
BEAMETTE see: UD1842000
BEAN SEED PROTECTANT see: GW5075000
BEAPRINE see: DM3110000
BEATINE see: XI7350000
BEAUMONTOSIDE see: FH4920620
BEBUXINE see: GZ0590030
BECAFURAZONE see: LT7700000
BECAMPICILLIN see: XH8490000
BECANTAL see: QK1445000
BECANTEX see: QK1445000
BECANTYL see: QK1445000
BECAPTAN see: KJ0175000
BECAPTAN DISULFURE (French) see: KR7175000
BECILAN see: UV1350000
BECKAMINE 21-511 see: YU1610000
BECKAMINE NF 5 see: YU1610000
BECKAMINE P 136 see: YU1610000
BECKAMINE P 138 see: YU1610000
BECKAMINE P 138-60 see: YU1610000
BECKAMINE P 196M see: YU1610000
BECLACIN see: TU3805000
BECLAMID see: UE3150000
BECLAMIDE see: UE3150000
BECLOFORTE see: TU3805000
BECLOMETASONE DIPROPIONATE see: TU3805000
BECLOMETASONE 17,21-DIPROPIONATE see: TU3805000
BECLOMETHASONE DIPROPIONATE see: TU3805000
BECLOTIAMINE HYDROCHLORIDE see: XJ7020000
BECLOTIAMINE NAPHTHALENE-1,4-DISULFONATE SALT see: XJ7023000
BECLOVAL see: TU3805000
BECLOVENT see: TU3805000
BECOREL see: BV8060000
BECOTIDE see: TU3805000
BEDOME see: XI7350000
BEECHWOOD CRESOATE see: GO5870000
BEESIX see: UV1300000
BEET-KLEEN see: FD8050000
BEET-KLEEN see: FD9100000
BEET-KLEEN see: YT1450000
BEETLE 55 see: YU1610000
BEETLE 60 see: YU1610000
BEETLE 65 see: YU1610000
BEETLE 80 see: YU1610000
BEETLE 212-9 see: YU1610000
BEETLE BE 685 see: YU1610000
BEETLE BU 700 see: YU1610000
BEETLE XB 1050 see: YU1610000
BEET SUGAR see: WN6500000
BEFLAVINE see: VJ1400000
BEFUNOLOL see: OB4310000 KETONE, 7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-2-BENZOFURANYLMETHYL
BEFUNOLOL HYDROCHLORIDE see: KM5780130
BEGIOLAN see: XI7350000

CT3508000 BEGONIA hyb. C.P. Raffill, leaf or stem extract
UPDT.8408
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76

CT3510000 BEGONIA LACINIATA Roxb., extract
DEF:Indian plant belonging to the family BEGONIACEAE (IJEBA6 11,43,73)
UPDT.8305
SYN: MONGARKANDE EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 11,43,73

BEHA see: AU9700000
N(sup 4)-BEHENOYL-1-beta-D-ARABINOFURANOSYLCYTOSINE see: JR1230400
BEHENOYLCYTOSINE ARABINOSIDE see: JR1230400
N(sup 4)-BEHENOYLCYTOSINE ARABINOSIDE see: JR1230400
BEHP see: TI0350000
BEIH see: NS1225000

BEST COPY AVAILABLE

BEIVON see: XI6550000
BEK see: LQ7700000
BEKADID see: QD2800000
BEKLAMID see: UE3150000
BELACID MILLING YELLOW R see: DV3910000
BELACID PHLOXINE G see: QJ6030000
BELAMINE BLACK GX see: QJ6160000
BELAMINE BLUE 2B see: QJ6400000
BELAMINE FAST BROWN BRLL see: GL7375000
BELAMINE SKY BLUE A see: QJ6420000
BELAMINE SKY BLUE FF see: QJ6430000
BELDAVRIN see: YM4550000
BELFENE see: TM7810000
BELGRAN see: YT0170000
BELI STEM BARK EXTRACT (Indian) see: VO9220000
BELI STEM EXTRACT (Indian) see: MK6465000
BELKI EXTRACT (Indian) see: MG1589000

CT3730000 BELLADFNAL RETARD
DEF:Contains BELLAFOLINE and PHENOBARBITAL (NIIRDN 6,765,82)
UPDT:8305

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:358 mg/kg NIIRDN 6,765,82

CT3750000 BELLADONNAE, FOLIA
DEF:Deadly night shade from ATROPA BELLADONNA L. (27ZTAP 3,21,69)
UPDT:8403
SYN: BANEWORT * BELLADONNA LEAF * BELLADONNA ROOT * DEADLY NIGHTSHADE * DEATH'S HERB * DWALE * POISON BLACK CHERRY

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:22 mg/kg RPOBAR 2,272,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PISDDJ 5,-,77; CTOXAO 12(1),1,78

BELLADONNA LEAF see: CT3750000
BELLADONNA ROOT see: CT3750000
BELLADONNINBISULFAT-ZUSATZ (German) see: YM6037000
BELLASTHMAN see: DO1750000
BELL MINE see: EW2800000
BELL MINE PULVERIZED LIMESTONE see: EV9580000
BELMARK see: CY1576350
BELOC see: UB7450000 2-PROPANOL, 1-ISOPROPYLAMINO-3-(p-(2-METHOXYETHYL)PHENOXY)-, TARTRATE
BELOSIN see: MB9625000
BELSEREN see: DE8750000
BELT see: PB9800000
BELUSTINE see: YS4900000
BEMACO see: VB2360000
BEMAPHATE see: VB2360000
BEMAPHATE see: VB2450000
BEMASULPH see: VB2360000
BEMEGRIDE see: MA4550000
BEMIGRIDE see: MA4550000
BEN-30 see: AF9700000
BENA see: KR7000000
BENA see: KR6825000
BENACHLOR see: KR6825000
BENACTIZINA (Italian) see: DD2480000
BENACTIZINE HYDROCHLORIDE see: DD2800000
BENACTYZIN see: DD2480000
BENACTYZIN (Czech) see: DD2800000
BENACTYZINE see: DD2480000
BENACTYZINE CHLORIDE see: DD2800000
BENACTYZINE HYDROCHLORIDE see: DD2800000
BENACYL see: FD0422000
BENADON see: KR6825000
BENADON see: UV1350000
BENADRIN see: KR6825000
BENADRYL see: KR6825000
BENADRYL see: KR7000000
BENADRYL HYDROCHLORIDE see: KR7000000
BEN-A-HIST see: NJ2000000
BENAKTIN see: DD2800000
BENALAN see: XU4550000
BENALAXYL see: AY7561000
BENALGIN see: NK7875000
BEN-ALLERGIN see: KR6825000
BENANSERIN HYDROCHLORIDE see: NL4025000
BENAPEN see: XF9845000
BENAPON see: KR6825000
BENAPRYZINE HYDROCHLORIDE see: DD3590000
BENAQUIN see: VB2360000
BENASPIR see: VO0700000
BENAZALOX see: AF9700000
BENAZOLIN see: AF9700000
BENAZOLIN SODIUM see: AF9704000
BENAZYL see: ZG0350000
BENCARBATE see: FC1140000
BENCHINOX see: DH6125000
BENCICLANE see: UH9450000
BENCIDAL BLACK E see: QJ6160000
BENCIDAL BLUE 2B see: QJ6400000
BENCIDAL BLUE 3B see: QJ6475000
BENCIDAL DARK GREEN B see: QJ6195050
BENCIDAL FAST VIOLET N see: QK1420000
BENCIDAL PURPLE 4B see: QK1765000
BENCIPAL FAST YELLOW X see: GD0197800
BENCONASE see: TU3805000
BEN-CORNOX see: AF9700000
BENCYCLANE see: UH9450000
BENCYCLANE FUMARATE see: UH9450000
BENDAZAC see: AF5085000
BENDAZOL see: DD6206000
BENDAZOLE see: DD6206000
BENDAZOLIC ACID see: AF5085000
BENDEX see: JN8770000
BENDIGON see: ZG0350000
BENDIOCARB see: FC1140000
BENDIOXIDE see: DK9900000
BENDOPA see: AY5600000
BENDROFLUAZIDE see: DK8225000
BENDROFLUMETHIAZIDE see: DK8225000
BENDYLATE see: KR7000000
BENECARDIN see: LV1050000
BENECID see: DG9400000
BENEFEX see: XU4550000
BENEFIN see: XU4550000
BENEGRID see: MA4550000
BENEMID see: DG9400000

CT7180000 BENEMYCIN
UPDT:8408 CAS: 62534-43-4

TOXICITY DATA AND REFERENCES:
* orl-gpg LD50:400 mg/kg PRTUAX 56(5),62,78

BENERVA see: XI7350000
BENESAL see: VN6475000
BENETACIL see: XF9845000
BENETHAMINE PENICILLIN see: XF9845000
BENETHAMINE PENICILLIN G see: XF9845000
BENETOLIN see: XF9845000
BENFLURALIN see: XU4550000
BENFOS see: TC0350000
BENFTALATE see: CZ4010000 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, mixt. with 1-BENZOYLPIPERIDINE
BENFURODIL HEMISUCCINATE see: WM9700000
BENGAL see: AW7950000
BENGAL GELATIN see: AW7950000
BENGAL ISINGLASS see: AW7950000
BENGAL ROSE see: VL0434500
BENGUINOX see: DH6125000
BEN-HEX see: GV4900000
BENICOT see: QS3675000
BENIROL see: BO3150000
BENIROL see: BO3325000
BENKFURAN see: MU2800000
BENLAT see: DD6475000
BENLATE see: DD6475000
BENLATE 50 see: DD6475000
BENLATE and SODIUM NITRITE see: DD6490000
BENLATE 50 W see: DD6475000
BENMOXINE see: MU8400000
BENNIE see: SI1750000
BENOCTEN see: KR7000000
BENODAINE HYDROCHLORIDE see: TM4550000
BENODIN see: KR6825000
BENODINE see: KR6825000
BENOMYL see: DD6475000
BENOMYL 50W see: DD6475000
BENOPAN see: AF9700000
BENOQUIN see: SJ7700000
BENORAL see: VO0720000
BENORILATE see: VO0720000
BENORTAN see: VO0720000 SALICYLIC ACID, ACETATE, ESTER with 4'-HYDROXYACETANILIDE
BENORTERONE see: RB5890000
BENORYLATE see: VO0720000
BENOTERONE see: RB5890000
BENOVOCYLIN see: KG4050000
BENOXAPROFEN see: DM4447000
BENOXIL see: DG1502900
BENOXINATE HYDROCHLORIDE see: DG1502900
BENOZIL see: DF0875000
BEN-P see: XH9425000
BENPERIDOL see: DE1925000
BENPERIDOL see: DE1900000
BENPHTHALATE see: CZ4010000 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, mixt. with 1-BENZOYLPIPERIDINE
BENPROPERINE PHOSPHATE see: TN1304400
BENQUINOX see: DH6125000
BENSECAL see: AF9700000
BENSERAZIDE see: VT9632200
BENSERAZIDE HYDROCHLORIDE see: VT9632300
BENSULIDE see: TE0250000
BENSULFOID see: WS4250000
BENSULTAP see: DB8000000
BENSYLYTE see: DP3500000
BENSYLYT NEN see: DP3750000
BENT see: DE9450000
BENTANEX see: FD0425000
BENTANIDOL see: ME8575000
BENTAZON see: DK9900000
BENTAZONE see: DK9900000
BENTHIOCARB see: EZ7260000
BENTHIOZONE see: AE3850000
BENTIROMIDE see: DG3700000
BENTONE see: GF1670500

CT9450000 BENTONITE
UPDT:8403 CAS: 1302-78-9
SYN: ALBAGEL PREMIUM USP 4444 * BENTONITE 2073 * BENTONITE MAGMA * HI-JEL * IMVITE I.G.B.A * MAGBOND * MONTMORILLONITE * PANTHER CREEK BENTONITE * SOUTHERN BENTONITE * TIXOTON * VOLCALY BENTONITE BC * VOLCLAY * WILKINITE

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:35 mg/kg BSIBAC 44,1685,68

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENTONITE 2073 see: CT9450000
BENTONITE MAGMA see: CT9450000
BENTOX see: KM5780130
BENTOX 10 see: GV4900000
BENTRANIL see: DM3950000
BENTRIDE see: DK8225000
BENTROL see: DI4025000
BENURIDE see: YU1225000
BEN-U-RON see: AE4200000
BENURON see: DK8225000
BENURYL see: DG9400000
BENYLAN see: KR6825000
BENYLATE see: DG4200000
BENZCHLORPROPAMIDE see: UE3150000
BENZYL-t-BUTANOL see: EL5785000
BENZABAR see: DH7700000
BENZAC see: DH7700000

BEST COPY AVAILABLE

BENZAC see: TQ1400000
BENZAC 354 see: TQ1400000
BENZAC-1281 see: DH7700000
BENZ(e)ACEANTHRENE see: CU0700000
BENZ(l)ACEANTHRENE see: CU0885000
BENZ(j)ACEANTHRYLENE see: FZ2625000

CU0700000 BENZ(e)ACEANTHRYLENE, 5,6-DIHYDRO-
UPDT:8401 CAS: 3697-25-4 MW: 254.34 MOLFM: C20-H14
SYN: 4,10-ACE-1,2-BENZANTHRACENE * BENZ(e)ACEANTHRENE * 1,2-DIHYDROBENZ(e)ACEANTHRYLENE
TUMORIGENIC DATA AND REFERENCES:
2V03V16 scu-mus TDLo:4 mg/kg AJCAA7 33,499,38
2V03V10 scu-mus TD :80 mg/kg CNREA8 6,454,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZ(j)ACEANTHRYLENE, 1,2-DIHYDRO- see: FZ2625000

CU0885000 BENZ(l)ACEANTHRYLENE, 1,2-DIHYDRO-
UPDT:8401 CAS: 7093-10-9 MW: 254.34 MOLFM: C20-H14
SYN: 8,9-ACE-1,2-BENZANTHRACENE * BENZ(l)ACEANTHRENE * 1,2-DIHYDROBENZ(l)ACEANTHRYLENE * 8,9-DIMETHYLENE-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:800 mg/kg/13W-I AJCAA7 28,334,36
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZ(j)ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL- see: FZ3675000
BENZ(j)ACEANTHRYLENE, 1,2-DIHYDRO-4-METHYL- (9CI) see: FZ3850000
BENZ(j)ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-, MONOEPOXIDE (9CI) see: FZ4037000

CU0950000 BENZ(j)ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-, compd. with 2,4,6-TRINITROPHENOL (1:1)
UPDT:8401 CAS: 63041-80-5 MW: 497.49 MOLFM: C21-H16 C6-H3-N3-O7
SYN: 1,2-DIHYDRO-3-METHYLBENZ(j)ACEANTHRYLENE compd. with 2,4,6-TRINITROPHENOL (1:1) * 20-METHYLCHOLANTHRENE PICRATE * 3-METHYLCHOLANTHRENE compd. with PICRIC ACID (1:1) * PICRIC ACID, compd. with 3-METHYLCHOLANTHRENE (1:1) * 2,4,6-TRINITROPHENOL compd. with 1,2-DIHYDRO-3-METHYLBENZ(j)ACEANTHRYLENE
TUMORIGENIC DATA AND REFERENCES:
1V03 scu-mus TDLo:200 mg/kg XPHPAW 149,319,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZ(j)ACEANTHRYLENE-2a,3(3H)-DIOL, 1,2-DIHYDRO-3-METHYL-, (Z)- see: FZ3429000

CU1000000 BENZ(e)ACEANTHRYLENE, 1,2,4,5,6,7-HEXAHYDRO-
UPDT:8401 CAS: 63041-92-9 MW: 258.38 MOLFM: C20-H18
SYN: 1,2,4,5,6,7-HEXAHYDROBENZ(e)ACEANTHRYLENE * 1,2',3',4'-TETRAHYDRO-4,10-ACE-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:200 mg/kg AJCAA7 33,499,38
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU1050000 11H-BENZ(bc)ACEANTHRYLENE, 6-METHYL-
UPDT:8401 CAS: 6304-88-3 MW: 254.34 MOLFM: C20-H14
SYN: 10-METHYL-1',9-METHYLENE-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-mus TDLo:40 mg/kg CNREA8 6,454,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU1225000 BENZ(j)ACEANTHRYLENE, 3-METHYL-
UPDT:8401 CAS: 3343-10-0 MW: 266.35 MOLFM: C21-H14
SYN: DEHYDRO-3-METHYLCHOLANTHRENE * 1,2-DEHYDRO-3-METHYLCHOLANTHRENE * 3-METHYLBENZ(j)ACEANTHRYLENE * 3-METHYLCHOLANTHRYLENE * 20-METHYLCHOLANTHRYLENE
TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 skn-mus TDLo:85 mg/kg/20W-I CBINA8 22,69,78
2V02V10 scu-mus TDLo:120 mg/kg/6W-I IJCNAW 2,505,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,2-BENZACENAPHTHENE see: LL4025000
BENZ(k)ACEPHENANTHRENE see: CU1575000

CU1400000 BENZ(e)ACEPHENANTHRYLENE
UPDT:8404 CAS: 205-99-2 MW: 252.32 MOLFM: C20-H12
SYN: 3,4-BENZ(e)ACEPHENANTHRYLENE * 2,3-BENZFLUORANTHENE * 3,4-BENZFLUORANTHENE * BENZO(b)FLUORANTHENE * BENZO(e)FLUORANTHENE * 2,3-BENZOFLUORANTHENE * 3,4-BENZOFLUORANTHENE * 2,3-BENZOFLUORANTHRENE * B(b)F
MUTATION DATA AND REFERENCES:
otr-ham:lng 100 ug/L TXCYAC 17,149,80
sce-ham-ipr 900 mg/kg/24H MUREAV 66,65,79
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 imp-rat TDLo:5 mg/kg JJIND8 71,539,83
3V01R60V10 skn-mus TDLo:88 ng/kg/120W-I ARGEAR 50,266,80
2V03V10 scu-mus TDLo:72 mg/kg/9W-I AICCA6 19,490,63
3V03R60V10 skn-mus TD :72 mg/kg/60W-I CANCAR 12,1194,59
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACRSAJ 7,475,63; 85DHAX Pc,4,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,69,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 32,147,83
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
3,4-BENZ(e)ACEPHENANTHRYLENE see: CU1400000

CU1575000 BENZ(k)ACEPHENANTHRYLENE, 4,5-DIHYDRO-
UPDT:8401 CAS: 5779-79-3 MW: 254.34 MOLFM: C20-H14
SYN: ACENAPHTHANTHRACENE * BENZ(k)ACEPHENANTHRENE * 4,5-DIHYDROBENZ(k)ACEPHENANTHRYLENE * 3,4-DIMETHYLENE-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:960 mg/kg/40W-I PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU1600000 BENZ(1,10)ACEPHENANTHRYLENO(4,5-b)OXIRENE, 6b,7a-DIHYDRO-
UPDT:8308 CAS: 73473-54-8 MW: 242.28 MOLFM: C18-H10-O
SYN: CYCLOPENTANO(cd)PYRENE 3,4-OXIDE * 6b,7a-DIHYDROBENZ(1,10)ACEPHENANTHRYLENO(4,5-b)OXIRENE
MUTATION DATA AND REFERENCES:
msc-hmn:lym 400 nmol/L DTESD7 10,277,82
BENZACILLIN see: XH9425000
BENZ(a)ACRIDIN-10-AMINE (9CI) see: CU3010000

CU2700000 BENZ(a)ACRIDINE
UPDT:8404 CAS: 225-11-6 MW: 229.29 MOLFM: C17-H11-N
SYN: 7-AZABENZ(a)ANTHRACENE * 1,2-BENZACRIDINE
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,123,83

CU2975000 BENZ(c)ACRIDINE
UPDT:8406 CAS: 225-51-4 MW: 229.29 MOLFM: C17-H11-N
SYN: 12-AZABENZ(a)ANTHRACENE * B(c)AC * 3,4-BENZACRIDINE * 7,8-BENZACRIDINE (French) * 3,4-BENZOACRIDINE * alpha-CHRYSIDINE * alpha-NAPHTHACRIDINE * RCRA WASTE NUMBER U016
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate GANNA2 70,749,79
sce-ham:ovr 10 umol/L MUREAV 118,103,83
sce-ham:lng 1 umol/L MUREAV 118,103,83
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2400 mg/kg/67W-I IJCAAR 5,183,68
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,241,73
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 32,129,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,2-BENZACRIDINE see: CU2700000
3,4-BENZACRIDINE see: CU2975000
7,8-BENZACRIDINE (French) see: CU2975000
3,4-BENZACRIDINE-9-ALDEHYDE see: CU3100000

CU3010000 BENZ(a)ACRIDINE, 10-AMINO-
UPDT:8401 CAS: 18936-75-9 MW: 244.31 MOLFM: C17-H12-N2
SYN: 10-AMINOBENZ(a)ACRIDINE * BENZ(a)ACRIDIN-10-AMINE (9CI)
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I CHDDAT 267,981,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3050000 BENZ(c)ACRIDINE-7-CARBONITRILE
UPDT:8401 CAS: 3123-27-1 MW: 254.30 MOLFM: C18-H10-N2
SYN: 7-CYANOBENZ(c)ACRIDINE * 7-CYANOBENZO(c)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/9W-I CHDDAT 267,981,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3100000 BENZ(c)ACRIDINE-7-CARBOXALDEHYDE
UPDT:8401 CAS: 3301-75-5 MW: 257.30 MOLFM: C18-H11-N-O
SYN: 3,4-BENZACRIDINE-9-ALDEHYDE * 7-FORMYLBENZ(c)ACRIDINE * 7-FORMYLBENZO(c)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03J60 scu-mus TDLo:200 mg/kg VOONAW 1,52,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3150000 BENZ(c)ACRIDINE-7-CARBOXALDEHYDE, 9-METHYL-
UPDT:8401 CAS: 2732-09-4 MW: 271.33 MOLFM: C19-H13-N-O
SYN: 7-FORMYL-9-METHYLBENZ(c)ACRIDINE * 9-METHYLBENZ(c)ACRIDINE-7-CARBOXALDEHYDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/9W-I CHDDAT 267,981,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3325000 BENZ(c)ACRIDINE-7-CARBOXALDEHYDE, 11-METHYL-
UPDT:8401 CAS: 18936-78-2 MW: 271.33 MOLFM: C19-H13-N-O
SYN: 7-FORMYL-11-METHYLBENZ(c)ACRIDINE * 11-METHYLBENZ(c)ACRIDINE-7-CARBOXALDEHYDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/9W-I CHDDAT 267,981,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3350000 BENZ(c)ACRIDINE-7-CARBOXYLIC ACID, 5,6-DIHYDRO-
UPDT:8405 CAS: 83-93-2 MW: 275.32 MOLFM: C18-H13-N-O2
SYN: 5,6-DIHYDROBENZ(c)ACRIDINE-7-CARBOXYLIC ACID * TETRAPHAN * TETROFAN * TETROPHAN * TETROPHINE
TOXICITY DATA AND REFERENCES:
3F07F12F19 ipr-mus LD50:760 mg/kg JPETAB 113,27,55
1H02 unk-cat LDLo:40 mg/kg JPETAB 113,27,55

CU3375000 BENZ(a)ACRIDINE, 9-CHLORO-8,12-DIMETHYL-
UPDT:8401 CAS: 63019-52-3 MW: 291.79 MOLFM: C19-H14-Cl-N
SYN: 2-CHLORO-1,10-DIMETHYL-5,6-BENZACRIDINE (French) * 9-CHLORO-8,12-DIMETHYLBENZ(a)ACRIDINE * 1,10-DIMETHYL-2-CHLORO-5,6-BENZACRIDINE * 8,12-DIMETHYL-9-CHLOROBENZ(a)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:500 mg/kg/41W-I AICCA6 11,736,55
3V03J16J04 skn-mus TD :540 mg/kg/45W-I ACRSAJ 4,315,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3425000 BENZ(c)ACRIDINE, 10-CHLORO-7,11-DIMETHYL-
UPDT:8401 CAS: 64038-38-6 MW: 291.79 MOLFM: C19-H14-Cl-N
SYN: 2-CHLORO-1,10-DIMETHYL-7,8-BENZACRIDINE (French) * 1,10-DIMETHYL-2-CHLORO-7,8-BENZACRIDINE (French) * 7,11-DIMETHYL-10-CHLOROBENZ(c)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:250 mg/kg/21W-I ACRSAJ 4,315,56
3V03R60V10 skn-mus TD :380 mg/kg/31W-I AICCA6 11,736,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3440000 BENZ(c)ACRIDINE, 7-(2-(2-CHLOROETHYLETHYLAMINO)ETHYLAMINO)-, DIHYDROCHLORIDE
UPDT:8401 CAS: 4310-69-4 MW: 450.87 MOLFM: C23-H24-Cl-N3 2Cl-H
SYN: 1,2-ETHANEDIAMINE, N-BENZ(c)ACRIDIN-7-YL-N'-(2-CHLOROETHYL)-N-ETHYL, DIHYDROCHLORIDE (9CI) * 7-(2-(ETHYL 2-CHLOROETHYL)AMINOETHYLAMINO)BENZ(c)ACRIDINE DIHYDROCHLORIDE * ICR 311
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ivn-mus TDLo:4500 ug/kg CNREA8 36,2423,76
TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:4500 ug/kg CNREA8 36,2423,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3460000 BENZ(c)ACRIDINE, 7-(3-(2-CHLOROETHYLETHYL)AMINOPROPYLAMINO)-, DIHYDROCHLORIDE
UPDT:8411 CAS: 4251-89-2 MW: 464.90 MOLFM: C24-H26-Cl-N3 2Cl-H
SYN: 7-(3-(ETHYL 2-(CHLOROETHYLAMINO)PROPYLAMINO))BENZ(c)ACRIDINE DIHYDROCHLORIDE * ICR 292
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate MUREAV 136,185,84
pic-esc 60 ng/plate CNREA8 43,2819,83
msc-ham:ovr 1 gm/L CNREA8 39,4875,79
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ivn-mus TDLo:4650 ug/kg CNREA8 36,2423,76
TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:4650 ug/kg CNREA8 36,2423,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3475000 BENZ(c)ACRIDINE, 10-CHLORO-7-ETHYL-11-METHYL-
UPDT:8401 CAS: 63019-53-4 MW: 305.82 MOLFM: C20-H16-Cl-N
SYN: 2-CHLORO-1-METHYL-10-ETHYL-7,8-BENZACRIDINE (French) * 7-ETHYL-10-CHLORO-11-METHYLBENZ(c)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:10 mg/kg AICCA6 11,736,55
3V03J16J04 scu-mus TD :30 mg/kg/4W-I ACRSAJ 4,315,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZ(c)ACRIDINE 1,2-DIHYDRO[illegible] see: CU3650000

BEST COPY AVAILABLE

BENZ(c)ACRIDINE, 5,6-DIHYDRODIOL see: CU3650100
BENZ(c)ACRIDINE 10,11-DIHYDRODIOL see: CU3650200

CU3480000 BENZ(c)ACRIDINE, 7,9-DIMETHYL-
UPDT:8401 CAS: 963-89-3 MW: 257.35 MOLFM: C19-H15-N
SYN: 3,10-DIMETHYL-7,8-BENZACRIDINE (French) * 7,9-DIMETHYLBENZ(c)ACRIDINE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate — PNASA6 72,5135,75
dnr-esc 250 mg/L — JJIND8 62,873,79
otr-rat:emb 40800 ug/L — JJIND8 67,1303,81
otr-ham:kdy 80 ug/L — BJCAAI 37,873,78
otr-ham:emb 100 ug/L — JJIND8 67,1303,81
TUMORIGENIC DATA AND REFERENCES:
3V03J16J04 skn-mus TDLo:180 mg/kg/15W-I — ACRSAJ 4,315,56
2V03V10 scu-mus TDLo:200 mg/kg/4W-I — ACRSAJ 4,315,56
2V03V10 scu-mus TD :250 mg/kg/10D-I — BAFEAG 34,22,47
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3485000 BENZ(c)ACRIDINE, 7,10-DIMETHYL-
UPDT:8401 CAS: 2381-40-0 MW: 257.35 MOLFM: C19-H15-N
SYN: 2,10-DIMETHYL-7,8-BENZACRIDINE (French) * 6,9-DIMETHYL-1,2-BENZACRIDINE * 7,10-DIMETHYLBENZ(c)ACRIDINE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate — PNASA6 72,5135,75
otr-ham:kdy 80 ug/L — BJCAAI 37,873,78
TUMORIGENIC DATA AND REFERENCES:
3V03J16J04 skn-mus TDLo:190 mg/kg/16W-I — ACRSAJ 4,315,56
2V03V10 scu-mus TDLo:200 mg/kg/4W-I — ACRSAJ 4,315,56
2V03V10 scu-mus TD :250 mg/kg/10D-I — BAFEAG 34,22,47
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3490000 BENZ(c)ACRIDINE, 7,11-DIMETHYL-
UPDT:8401 CAS: 3274-01-5 MW: 257.35 MOLFM: C19-H15-N
SYN: 1,10-DIMETHYL-7,8-BENZACRIDINE (French) * 7,11-DIMETHYLBENZ(c)ACRIDINE
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate — GANNA2 70,749,79
TUMORIGENIC DATA AND REFERENCES:
3V03J16J04 skn-mus TDLo:360 mg/kg/30W-I — ACRSAJ 4,315,56
2V03V10 scu-mus TDLo:200 mg/kg/4W-I — ACRSAJ 4,315,56
3V03J60V10 scu-mus TD :250 mg/kg/10D-I — BAFEAG 34,22,47
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3500000 BENZ(a)ACRIDINE, 8,10-DIMETHYL-
UPDT:8401 CAS: 53-c9-0 MW: 257.35 MOLFM: C19-H15-N
SYN: 5,7-DIMETHYL-1,2-BENZACRIDINE
MUTATION DATA AND REFERENCES:
mma-sat 500 nmol/L — ENMUDM 3,11,81
dns-rat:lvr 50 umol/L — ENMUDM 3,11,81
TOXICITY DATA AND REFERENCES:
irn-frg LDLo:11 mg/kg — CNREA8 24,1969,64

CU3510000 BENZ(a)ACRIDINE, 8,12-DIMETHYL-
UPDT:8401 CAS: 3518-05-6 MW: 257.35 MOLFM: C19-H15-N
SYN: 1,10-DIMETHYL-5,6-BENZACRIDINE * 8,12-DIMETHYLBENZ(a)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03J16J04 scu-mus TDLo:200 mg/kg/4W-I — ACRSAJ 4,315,56
3V03J60V10 scu-mus TDLo:250 mg/kg/10D-I — BAFEAG 34,22,47
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3525000 BENZ(c)ACRIDINE, 7-(p-(DIMETHYLAMINO)STYRYL)-
UPDT:8401 CAS: 63019-60-3 MW: 374.51 MOLFM: C27-H22-N2
SYN: p-DIMETHYLAMINOBENZYLIDEN-3,4-BENZ-9-METHYLACRIDINE * 7-(p-(DIMETHYLAMINO)STYRYL)BENZ(c)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03J60 scu-mus TDLo:200 mg/kg — VOONAW 1,52,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3550000 BENZ(a)ACRIDINE, 12-(p-DIMETHYLAMINO)STYRYL)-
UPDT:8401 CAS: 63019-59-0 MW: 374.51 MOLFM: C27-H22-N2
SYN: p-DIMETHYLAMINOBENZYLIDEN-1,2-BENZ-9-METHYL-ACRIDINE * 12-(p-DIMETHYLAMINO)STYRYLBENZ(a)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03J60 scu-mus TDLo:200 mg/kg — VOONAW 1,52,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3600000 BENZ(a)ACRIDINE, 9,12-DIMETHYL-10-FLUORO-
UPDT:8401 CAS: 64038-39-7 MW: 275.34 MOLFM: C19-H14-F-N
SYN: 2,10-DIMETHYL-3-FLUORO-5,6-BENZACRIDINE * 3-FLUORO-2,10-DIMETHYL-5,6-BENZACRIDINE * 10-FLUORO-9,12-DIMETHYLBENZ(a)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:324 mg/kg/27W-I — AICCA6 11,736,55
3V03J16J04 skn-mus TD :370 mg/kg/31W-I — ACRSAJ 4,315,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3650000 BENZ(c)ACRIDINE-1-beta,2-alpha-DIOL, 1,2-DIHYDRO-, (E)-
UPDT:8308 MW: 263.31 MOLFM: C17-H13-N-O2
SYN: BENZ(c)ACRIDINE 1,2-DIHYDRODIOL * trans-1,2-DIHYDROBENZ(c)ACRIDINE-1-beta,2-alpha-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate — CNREA8 43,1656,83

CU3650050 BENZ(c)ACRIDINE-3-alpha,4-beta-DIOL, 3,4-DIHYDRO-, (E)-
UPDT:8308 MW: 263.31 MOLFM: C17-H13-N-O2
SYN: trans-3,4-DIHYDROBENZ(c)ACRIDINE-3-alpha,4-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate — CNREA8 43,1656,83

CU3650100 BENZ(c)ACRIDINE-5-beta,6-alpha-DIOL, 5,6-DIHYDRO-, (E)-
UPDT:8308 MW: 263.31 MOLFM: C17-H13-N-O2
SYN: BENZ(c)ACRIDINE, 5,6-DIHYDRODIOL * trans-5,6-DIHYDROBENZ(c)ACRIDINE-5-beta,6-alpha-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate — CNREA8 43,1656,83

CU3650150 BENZ(c)ACRIDINE-8-beta,9-alpha-DIOL, 8,9-DIHYDRO-, (E)-
UPDT:8308 MW: 263.31 MOLFM: C17-H13-N-O2
SYN: trans-8,9-DIHYDROBENZ(c)ACRIDINE-8-beta,9-alpha-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate — CNREA8 43,1656,83

CU3650200 BENZ(c)ACRIDINE-10-alpha,11-beta-DIOL, 10,11-DIHYDRO-, (E)-
UPDT:8308 MW: 263.31 MOLFM: C17-H13-N-O2
SYN: BENZ(c)ACRIDINE 10,11-DIHYDRODIOL * trans-10,11-DIHYDROBENZ(c)ACRIDINE-10-alpha,11-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate — CNREA8 43,1656,83

CU3660000 BENZ(a)ACRIDINE-5,6-DIOL, 5,6-DIHYDRO-12-METHYL-, (Z)-
UPDT:8408 CAS: 83876-50-0 MW: 277.34 MOLFM: C18-H15-N-O2
SYN: cis-5,6-DIHYDRO-5,6-DIHYDROXY-12-METHYLBENZ(a)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/12W-I — JMCMAR 26,303,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3670000 BENZ(a)ACRIDINE-3-alpha,4-beta-DIOL, 1,2,3,4-TETRAHYDRO-1-alpha,2-alpha-EPOXY-, (+-)-(E)-
UPDT:8308 MW: 279.31 MOLFM: C17-H13-N-O3
SYN: (+-)-3-alpha,4-beta-DIHYDROXY-1-alpha,2-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ACRIDINE trans-* (+-)-trans-1-alpha,2-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ACRIDINE-3-alpha,4-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate — CNREA8 43,1656,83
msc-ham:lng 20 umol/L — CNREA8 43,1656,83

CU3670050 BENZ(a)ACRIDINE-3-alpha,4-beta-DIOL, 1,2,3,4-TETRAHYDRO-1-beta,2-beta-EPOXY-, (+-)-(Z)-
UPDT:8308 MW: 279.31 MOLFM: C17-H13-N-O3
SYN: (+-)-3-alpha,4-beta-DIHYDROXY-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ACRIDINE cis-* (+-)-cis-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ACRIDINE-3-alpha,4-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate — CNREA8 43,1656,83
msc-ham:lng 20 umol/L — CNREA8 43,1656,83

CU3670500 BENZ(c)ACRIDINE-1-alpha,2-beta-DIOL, 1,2,3,4-TETRAHYDRO-3-beta,4-beta-EPOXY-, (+-)-(E)-
UPDT:8308 MW: 279.31 MOLFM: C17-H13-N-O3
SYN: (+-)-1-alpha,2-beta-DIHYDROXY-3-beta,4-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE trans-* (+-)-trans-3-beta,4-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE-1-alpha,2-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate — CNREA8 43,1656,83
msc-ham:lng 20 umol/L — CNREA8 43,1656,83

CU3670550 BENZ(c)ACRIDINE-3-alpha,4-beta-DIOL, 1,2,3,4-TETRAHYDRO-1-alpha,2-alpha-EPOXY-, (+-)-(E)-
UPDT:8308 MW: 279.31 MOLFM: C17-H13-N-O3
SYN: (+-)-3-alpha,4-beta-DIHYDROXY-1-alpha,2-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE trans-* (+-)-trans-1-alpha,2-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE-3-alpha,4-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate — CNREA8 43,1656,83
msc-ham:lng 20 umol/L — CNREA8 43,1656,83

CU3670600 BENZ(c)ACRIDINE-3-alpha,4-beta-DIOL, 1,2,3,4-TETRAHYDRO-1-beta,2-beta-EPOXY-, (+-)- (Z)-
UPDT:8308 MW: 279.31 MOLFM: C17-H13-N-O3
SYN: (+-)-3-alpha,4-beta-DIHYDROXY-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE cis-* (+-)-cis-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE-3-alpha,4-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate — CNREA8 43,1656,83
msc-ham:lng 20 umol/L — CNREA8 43,1656,83

CU3670800 BENZ(c)ACRIDINE-8-alpha,9-beta-DIOL, 8,9,10,11-TETRAHYDRO-10-alpha,11-alpha-EPOXY-, (+-)-(Z)-
UPDT:8308 MW: 279.31 MOLFM: C17-H13-N-O3
SYN: (+-)-cis-10-alpha,11-alpha-EPOXY-8,9,10,11-TETRAHYDROBENZ(c)ACRIDINE-8-alpha,9-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate — CNREA8 43,1656,83
msc-ham:lng 20 umol/L — CNREA8 43,1656,83

CU3670850 BENZ(c)ACRIDINE-8-alpha,9-beta-DIOL, 8,9,10,11-TETRAHYDRO-10-beta,11-beta-EPOXY-, (+-)-(E)-
UPDT:8308 MW: 279.31 MOLFM: C17-H13-N-O3
SYN: (+-)-trans-10-beta,11-beta-EPOXY-8,9,10,11-TETRAHYDROBENZ(c)ACRIDINE-8-alpha,9-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate — CNREA8 43,1656,83

CU3671000 BENZ(c)ACRIDINE-10-alpha,11-beta-DIOL, 8,9,10,11-TETRAHYDRO-8-alpha,9-alpha-EPOXY- (+-)-(E)-
UPDT:8308 MW: 279.31 MOLFM: C17-H13-N-O3
SYN: (+-)-trans-8-alpha,9-alpha-EPOXY-8,9,10,11-TETRAHYDROBENZ(c)ACRIDINE-10-alpha,11-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate — CNREA8 43,1656,83

CU3671050 BENZ(c)ACRIDINE-10-alpha,11-beta-DIOL, 8,9,10,11-TETRAHYDRO-8-beta,9-beta-EPOXY-, (+-)-(Z)-
UPDT:8308 MW: 263.31 MOLFM: C17-H13-N-O2
SYN: (+-)-cis-8,9,10,11-TETRAHYDRO-8-beta,9-beta-EPOXYBENZ(c)ACRIDINE-10-alpha,11-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate — CNREA8 43,1656,83
msc-ham:lng 20 umol/L — CNREA8 43,1656,83

CU3750000 BENZ(c)ACRIDINE, 7-ETHYL-
UPDT:8401 CAS: 63021-32-9 MW: 257.35 MOLFM: C19-H15-N
SYN: BENZALDEHYDE FFC * BENZENECARBOXALDEHYDE * 7-ETHYLBENZ(c)ACRIDINE * 9-ETHYL-3,4-BENZACRIDINE * PHENYLMETHANAL
TUMORIGENIC DATA AND REFERENCES:
2V03J60 scu-mus TDLo:200 mg/kg — VOONAW 1,52,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3800000 BENZ(c)ACRIDINE, 7-ETHYL-9-METHYL-
UPDT:8401 CAS: 63039-89-4 MW: 271.38 MOLFM: C20-H17-N
SYN: 7-ETHYL-9-METHYLBENZ(c)ACRIDINE * 3-METHYL-10-ETHYLBENZ(c)ACRIDINE * 3-METHYL-10-ETHYL-7,8-BENZACRIDINE (French)
TUMORIGENIC DATA AND REFERENCES:
3V03J16J04 skn-mus TDLo:348 mg/kg/29W-I — ACRSAJ 4,315,56
2V02V10 scu-mus TDLo:72 mg/kg/9W-I — MUREAV 66,307,79
2V03J60 scu-mus TD :250 mg/kg/10D-I — BAFEAG 34,22,47
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3851500 BENZ(c)ACRIDINE, 9-ETHYL-7-METHYL-
UPDT:8401 CAS: 56961-65-0 MW: 271.38 MOLFM: C20-H17-N
SYN: 7-METHYL-9-ETHYLBENZ(c)ACRIDINE * 10-METHYL-3-ETHYL-7,8-BENZACRIDINE (French)
TUMORIGENIC DATA AND REFERENCES:
3V03J16J04 skn-mus TDLo:275 mg/kg/22W-I — ACRSAJ 4,315,56
3V03R60V10 skn-mus TD :530 mg/kg/22W-I — BAFEAG 42,180,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3852500 BENZ(c)ACRIDINE, 9-FLUORO-7-METHYL-
UPDT:8401 CAS: 482-41-7 MW: 261.31 MOLFM: C18-H12-F-N
SYN: 3-FLUORO-10-METHYL-7,8-BENZACRIDINE (French) * 7-METHYL-9-FLUOROBENZ(c)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:132 mg/kg/11W-I — ACRSAJ 4,315,56
2V03V10 scu-mus TDLo:20 mg/kg — AICCA6 11,736,55
3V03J16J04 scu-mus TD :60 mg/kg/9W-I — ACRSAJ 4,315,56
3V03R60V10 skn-mus TD :216 mg/kg/18W-I — AICCA6 11,736,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3855000 BENZ(a)ACRIDINE, 10-FLUORO-12-METHYL-
UPDT:8401 CAS: 436-30-6 MW: 261.31 MOLFM: C18-H12-F-N
SYN: 3-FLUORO-10-METHYL-5,6-BENZACRIDINE * 10-FLUORO-12-METHYLBENZ(a)ACRIDINE * 10-METHYL-3-FLUORO-5,6-BENZACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:245 mg/kg/20W-I — AICCA6 11,736,55

BEST COPY AVAILABLE

2V03V10 scu-mus TDLo:20 mg/kg AICCA6 11,736,55
3V03J16J04 scu-mus TD :60 mg/kg/9W-I ACRSAJ 4,315,56
3V03R60V10 skn-mus TD :552 mg/kg/46W-I AICCA6 11,736,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3857500 BENZ(c)ACRIDINE, 11-FLUORO-7-METHYL-
UPDT:8401 CAS: 439-25-8 MW: 261.31 MOLFM: C18-H12-F-N
SYN: 1-FLUORO-10-METHYL-7,8-BENZACRIDINE * 7-METHYL-11-FLUOROBENZ(c)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:20 mg/kg AICCA6 11,736,55
3V03J16J04 scu-mus TD :60 mg/kg/9W-I ACRSAJ 4,315,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3858000 BENZ(c)ACRIDINE, 3-METHOXY-7-METHYL-
UPDT:8408 CAS: 83876-56-6 MW: 273.35 MOLFM: C19-H15-N-O
SYN: 3-METHOXY-7-METHYLBENZ(c)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/12W-I JMCMAR 26,303,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3859000 BENZ(c)ACRIDINE, 7-METHYL-
UPDT:8401 CAS: 3340-94-1 MW: 243.32 MOLFM: C18-H13-N
SYN: 7-METHYLBENZ(c)ACRIDINE * 9-METHYL-3,4-BENZACRIDINE * 10-METHYL-7,8-BENZACRIDINE (French) * 7-METHYLBENZO(c)ACRIDINE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 66,307,79

TUMORIGENIC DATA AND REFERENCES:
3V03J16J04 skn-mus TDLo:240 mg/kg/20W-I ACRSAJ 4,315,56
3V03R60V10 scu-mus TDLo:200 mg/kg VOONAW 1,52,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU3861500 BENZ(a)ACRIDINE, 12-METHYL-
UPDT:8401 CAS: 3340-93-0 MW: 243.32 MOLFM: C18-H13-N
SYN: 12-METHYLBENZ(a)ACRIDINE * 9-METHYL-1,2-BENZACRIDINE * 10-METHYL-5,6-BENZACRIDINE

TUMORIGENIC DATA AND REFERENCES:
3V03J60P61 scu-mus TDLo:200 mg/kg VOONAW 1,52,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4100000 BENZ(c)ACRIDINE, 7-METHYL-9-PHENYL-
UPDT:8401 CAS: 21075-41-2 MW: 319.42 MOLFM: C24-H17-N
SYN: 5-METHYL-7-PHENYL-1,2-BENZACRIDINE * 7-METHYL-9-PHENYLBENZ(c)ACRIDINE * 3 PHENYL,10 METHYL,7,8 BENZACRIDINE (French)

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:390 mg/kg/32W-I AICCA6 7,184,50
2V03V10 scu-mus TDLo:20 mg/kg AICCA6 7,184,50
3V03J16J04 skn-mus TD :410 mg/kg/34W-I ACRSAJ 4,315,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4150000 BENZ(c)ACRIDINE, 7-(p-NITROPHENYLAZO)METHYL-
UPDT:8401 CAS: 63019-77-2 MW: 392.44 MOLFM: C24-H16-N4-O2
SYN: 9-METHYL-omega-(p-NITROBENZENEAZO)-3,4-BENZACRIDINE * 7-((p-NITROPHENYLAZO)METHYL)BENZ(c)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
3V03J60P61 scu-mus TDLo:200 mg/kg VOONAW 1,52,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4160000 BENZ(c)ACRIDINE, 7-(m-NITROSTYRYL)-
UPDT:8401 CAS: 63021-48-7 MW: 376.43 MOLFM: C25-H16-N2-O2
SYN: m-NITROBENZYLIDENE-3,4-BENZ-9-METHYLACRIDINE * 7-(m-NITROSTYRYL)BENZ(c)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
2V03J60 scu-mus TDLo:200 mg/kg VOONAW 1,52,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4162500 BENZ(c)ACRIDINE, 7-(o-NITROSTYRYL)-
UPDT:8401 CAS: 63021-49-8 MW: 376.43 MOLFM: C25-H16-N2-O2
SYN: o-NITROBENZYLIDENE-3,4-BENZ-9-METHYLACRIDINE * 7-(o-NITROSTYRYL)BENZ(c)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
2V03J60 scu-mus TDLo:200 mg/kg VOONAW 1,52,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4165000 BENZ(c)ACRIDINE, 7-(p-NITROSTYRYL)-
UPDT:8401 CAS: 63021-50-1 MW: 376.43 MOLFM: C25-H16-N2-O2
SYN: p-NITROBENZYLIDENE-3,4-BENZ-9-METHYLACRIDINE * 7-(p-NITROSTYRYL)BENZ(c)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
3V03J60P61 scu-mus TDLo:200 mg/kg VOONAW 1,52,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4170000 BENZ(a)ACRIDINE, 12-(m-NITROSTYRYL)-
UPDT:8401 CAS: 63021-46-5 MW: 376.43 MOLFM: C25-H16-N2-O2
SYN: m-NITROBENZYLIDENE-1,2-BENZ-9-METHYLACRIDINE * 12-(m-NITROSTYRYL)BENZ(a)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 scu-mus TDLo:200 mg/kg VOONAW 1,52,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4172500 BENZ(a)ACRIDINE, 12-(o-NITROSTYRYL)-
UPDT:8401 CAS: 63021-47-6 MW: 376.43 MOLFM: C25 H16-N2-O2
SYN: o-NITROBENZYLIDENE-1,2-BENZ-9-METHYLACRIDINE * 12-(o-NITROSTYRYL)BENZ(a)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
2V03J60 scu-mus TDLo:200 mg/kg VOONAW 1,52,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4175000 BENZ(a)ACRIDINE, 12-(p-NITROSTYRYL)-
UPDT:8401 CAS: 22158-15-4 MW: 376.43 MOLFM: C25-H16-N2-O2
SYN: p-NITROBENZYLIDENE-1,2-BENZ-9-METHYLACRIDINE * 12-(p-NITROSTYRYL)BENZ(a)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
2V03J60 scu-mus TDLo:200 mg/kg VOONAW 1,52,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4303000 BENZ(a)ACRIDINE, 1,2,3,4-TETRAHYDRO-1,2-EPOXY-
UPDT:8308 MW: 247.31 MOLFM: C17-H13-N-O
SYN: 1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ACRIDINE

MUTATION DATA AND REFERENCES:
mmo-sat 100 pmol/plate CNREA8 43,1656,83
msc-ham:lng 20 umol/L CNREA8 43,1656,83

CU4305000 BENZ(c)ACRIDINE, 1,2,3,4-TETRAHYDRO-1,2-EPOXY-
UPDT:8308 MW: 247.31 MOLFM: C17-H13-N-O
SYN: 1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE

MUTATION DATA AND REFERENCES:
mmo-sat 100 pmol/plate CNREA8 43,1656,83
msc-ham:lng 20 umol/L CNREA8 43,1656,83

CU4305050 BENZ(c)ACRIDINE, 1,2,3,4-TETRAHYDRO-3,4-EPOXY-
UPDT:8308 MW: 247.31 MOLFM: C17-H13-N-O
SYN: 3,4-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE

MUTATION DATA AND REFERENCES:
mmo-sat 100 pmol/plate CNREA8 43,1656,83
msc-ham:lng 20 umol/L CNREA8 43,1656,83

CU4315000 BENZ(c)ACRIDINE, 7,8,9,11-TETRAMETHYL-
UPDT:8401 CAS: 51787-44-1 MW: 285.41 MOLFM: C21-H19-N
SYN: 1,3,4,10-TETRAMETHYL-7,8-BENZACRIDINE (French) * 7,8,9,11 TETRAMETHYLBENZ(c)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
3V03J16J04 skn-mus TDLo:350 mg/kg/29W-I ACRSAJ 4,315,56
3V03J16J04 scu-mus TDLo:200 mg/kg/4W-I ACRSAJ 4,315,56
2V03V10 scu-mus TD :250 mg/kg/10D-I BAFEAG 34,22,47

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4325000 BENZ(a)ACRIDINE, 3,8,12-TRIMETHYL-
UPDT:8401 CAS: 63040-01-7 MW: 271.38 MOLFM: C20-H17-N
SYN: 1,10,3-TRIMETHYL-5,6-BENZACRIDINE (French)

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:40 mg/kg ACRSAJ 4,315,56
2V03V10 scu-mus TD :50 mg/kg BAFEAG 34,22,47

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4330000 BENZ(c)ACRIDINE, 5,7,11-TRIMETHYL-
UPDT:8401 CAS: 63040-05-1 MW: 271.38 MOLFM: C20-H17-N
SYN: 1,6,10 TRIMETHYL,7,8 BENZACRIDINE (French) * 3,5,9-TRIMETHYL-1,2 BENZACRIDINE * 5,7,11-TRIMETHYLBENZ(c)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:250 mg/kg/21W-I AICCA6 7,184,50
2V03V10 scu-mus TDLo:20 mg/kg AICCA6 7,184,50
3V03J16J04 skn-mus TD :290 mg/kg/24W-I ACRSAJ 4,315,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4335000 BENZ(c)ACRIDINE, 7,8,11-TRIMETHYL-
UPDT:8401 CAS: 64038-40-0 MW: 271.38 MOLFM: C20-H17-N
SYN: 1,4,10 TRIMETHYL,7,8 BENZACRIDINE (French) * 5,6,9-TRIMETHYL-1,2-BENZACRIDINE * 7,8,11-TRIMETHYLBENZ(c)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:270 mg/kg/25W-I ACRSAJ 4,315,56
2V03V10 scu-mus TDLo:20 mg/kg AICCA6 7,184,50
3V03R60V10 skn-mus TD :280 mg/kg/23W-I AICCA6 7,184,50

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4340000 BENZ(c)ACRIDINE, 7,9,10-TRIMETHYL-
UPDT:8401 CAS: 58430-01-6 MW: 271.38 MOLFM: C20-H17-N
SYN: 2,3,10-TRIMETHYL-7,8-BENZACRIDINE (French) * 7,9,10-TRIMETHYLBENZ(c)ACRIDINE

MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate GANNA2 70,749,79

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:270 mg/kg/25W-I ACRSAJ 4,315,56
2V03V10 scu-mus TDLo:20 mg/kg AICCA6 7,184,50
3V03R60V10 skn-mus TD :280 mg/kg/23W-I AICCA6 7,184,50

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4345000 BENZ(c)ACRIDINE, 7,9,11-TRIMETHYL-
UPDT:8401 CAS: 51787-42-9 MW: 271.38 MOLFM: C20-H17-N
SYN: 1,3,10-TRIMETHYL-7,8-BENZACRIDINE (French) * 7,9,11-TRIMETHYLBENZ(c)ACRIDINE

MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate GANNA2 70,749,79

TUMORIGENIC DATA AND REFERENCES:
3V03J16J04 skn-mus TDLo:336 mg/kg/28W-I ACRSAJ 4,315,56
2V03V10 scu-mus TDLo:200 mg/kg/4W-I ACRSAJ 4,315,56
3V03J60V10 scu-mus TD :336 mg/kg/28W-I BAFEAG 34,22,47

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4348000 BENZ(a)ACRIDINE, 9,10,12-TRIMETHYL-
UPDT:8401 CAS: 63040-02-8 MW: 271.38 MOLFM: C20-H17-N
SYN: 5,7,8-TRIMETHYL-3,4-BENZACRIDINE * 2,3,10 TRIMETHYL-5,6 BENZACRIDINE (French)

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:270 mg/kg/22W-I AICCA6 7,184,50
2V03V10 scu-mus TDLo:20 mg/kg AICCA6 7,184,50
3V03J16J04 scu-mus TD :20 mg/kg ACRSAJ 4,315,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4350000 BENZ(a)ACRIDINE, 8,10,12-TRIMETHYL-
UPDT:8401 CAS: 51787-43-0 MW: 271.38 MOLFM: C20-H17-N
SYN: 1,3,10-TRIMETHYL-5,6-BENZACRIDINE (French)

TUMORIGENIC DATA AND REFERENCES:
3V03J16J04 skn-mus TDLo:348 mg/kg/29W-I ACRSAJ 4,315,56
2V03J60 scu-mus TDLo:250 mg/kg/10D-I BAFEAG 34,22,47

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU4351000 BENZ(c)ACRIDIN-4-OL, 7-METHYL-, ACETATE (ester)
UPDT:8408 CAS: 83876-62-4 MW: 301.36 MOLFM: C20-H15-N-O2
SYN: 4-ACETOXY-7-METHYLBENZ(c)ACRIDINE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/12W-I JMCMAR 26,303,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-(BENZ(c)ACRIDIN-7-YL)-N-(p-(DIMETHYLAMINO)PHENYL)NITRONE see: QX8500000
alpha-(9-(3,4-BENZACRIDYL)-N-(p-DIMETHYLAMINOPHENYL)-NITRONE see: QX8500000
BENZADONE GOLDEN YELLOW see: HO7030000
BENZADOX see: AF4610000
BENZAFINYL see: SI1750000
BENZAHEX see: GV4950000
BENZAIDIN see: ME8575000
BENZALACETON (German) see: EN0330000
BENZALACETONE see: EN0330000
trans-BENZALACETONE see: EN0330050
BENZAL ALCOHOL see: DN3150000
beta-BENZALBUTYRATE see: EM9257000
beta-BENZALBUTYRIC ACID see: EM9257000
BENZAL CHLORIDE see: CZ5075000

CU4375000 BENZALDEHYDE
UPDT:8412 CAS: 100-52-7 MW: 106.13 MOLFM: C7-H6-O
SYN: ALMOND ARTIFICIAL ESSENTIAL OIL * ARTIFICIAL ALMOND OIL * ARTIFICIAL ESSENTIAL OIL of ALMOND * BENZALDEHYDE (DOT) * BENZENE CARBALDEHYDE * BENZENECARBONAL * BENZOIC ALDEHYDE * NA 1989 (DOT) * NCI-C56133

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,693,76

MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate BECTA6 24,590,80

TOXICITY DATA AND REFERENCES:
2F07F24 orl-rat LD50:1300 mg/kg FCTXAV 2,327,64

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

scu-rat LDLo:5000 mg/kg AIPTAK 27,163,22
orl-mus LD50:28 mg/kg EJTXAZ 9,99,76
ipr-mus LD50:9 mg/kg EJTXAZ 9,99,76
* scu-rbt LD50:5000 mg/kg FCTXAV 14,693,76
3F11K08M10 orl-gpg LD50:1000 mg/kg FCTXAV 2,327,64

STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CU4800200 BENZALDEHYDE, p-(BIS(2-CHLOROETHYL)AMINO)-, (4-AMINO-4H-1,2,4-TRIAZOL-3-YL)HYDRAZONE, MONOHYDROCHLORIDE
UPDT:8303 MW: 377.72 MOLFM: C13-H16-Cl2-N7 Cl-H
SYN: 3-(4-(BIS(2-CHLOROETHYL)AMINO)BENZYLIDENEHYDRAZINO)-4-AMINO-1,2,4-TRIAZOLE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg FAVUAI 9,43,77
* ipr-mus LD50:100 mg/kg FAVUAI 9,43,77

BENZALDEHYDE, alpha-CHLORO- see: DM6600000

CU5186500 BENZALDEHYDE, 5-CHLORO-3-ETHYL-2-HYDROXY-, OXIME
UPDT:8403 CAS: 56911-70-7 MW: 199.65 MOLFM: C9-H10-Cl-N-O2
SYN: 5-CHLORO-3-ETHYL-2-HYDROXYBENZALDEHYDE OXIME

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1800 mg/kg PHARAT 30,147,75

CU5609000 BENZALDEHYDE, 3,5-DIBROMO-2-HYDROXY-
UPDT:8303 MW: 279.93 MOLFM: C7-H4-Br2-O2
SYN: 3,5-DIBROMO-2-HYDROXYBENZALDEHYDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg CPBTAL 10,528,62

BENZALDEHYDE, 3,5-DIBROMO-4-HYDROXY-, (2,4-DINITROPHENYL)OXIME see: EG7000000

CU5616000 BENZALDEHYDE, (4,5-DIHYDRO-5-METHYL-4-OXO-2-THIAZOLYL)HYDRAZONE
UPDT:8402 CAS: 32003-25-1 MW: 233.31 MOLFM: C11-H11-N3-O-S
SYN: 4(5H)-THIAZOLONE, 5-METHYL-2-((PHENYLMETHYLENE)HYDRAZINO)-

TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LDLo:1400 mg/kg RPTOAN 43,213,80

BENZALDEHYDE, 3,4-DIHYDROXY- see: UL0380000

CU5619500 BENZALDEHYDE, 2,4-DIHYDROXY-5-HEXYL-
UPDT:8303 MW: 222.31 MOLFM: C13-H18-O3
SYN: 2,4-DIHYDROXY-5-HEXYLBENZALDEHYDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg CPBTAL 10,528,62

BENZALDEHYDE, 3,4-DIMETHOXY- see: YX5088000

CU5774000 BENZALDEHYDE, DIMETHYL ACETAL
UPDT:8305 CAS: 1125-88-8 MW: 152.21 MOLFM: C9-H12-O2
SYN: DIMETHOXYMETHYLBENZENE * DIMETHOXYPHENYLMETHANE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 17,711,79

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1220 mg/kg FCTXAV 17,711,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CU5775000 BENZALDEHYDE, p-(DIMETHYLAMINO)-
UPDT:8312 CAS: 100-10-7 MW: 149.21 MOLFM: C9-H11-N-O
SYN: p-(DIMETHYLAMINO)BENZALDEHYDE * 4-(DIMETHYLAMINO)BENZALDEHYDE * 4-DIMETHYLAMINOBENZENECARBONAL * EHRLICH'S REAGENT * p-FORMYLDIMETHYLANILINE

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg JPETAB 90,260,47
* ipr-rat LD50:620 mg/kg HINEL* AF33(657)-11756,64

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CU5930000 BENZALDEHYDE, m-((p-(DIMETHYLAMINO)PHENYL)AZO)-
UPDT:8403 MW: 253.33 MOLFM: C15-H15-N3-O
SYN: 3-((p-DIMETHYLAMINO)PHENYL)AZO)BENZALDEHYDE

MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate CRNGDP 4,1487,83
mma-sat 1 umol/plate CRNGDP 1,121,80

CU5957000 BENZALDEHYDE, 2,4-DINITRO-
UPDT:8303 CAS: 528-75-6 MW: 196.13 MOLFM: C7-H4-N2-O5
SYN: 2,4-DINITROBENZALDEHYDE

MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate TOLED5 13,1,82

BENZALDEHYDE (DOT) see: CU4375000

CU6100000 BENZALDEHYDE, p-ETHOXY-
UPDT:8305 CAS: 10031-82-0 MW: 150.19 MOLFM: C9-H10-O2
SYN: ETHOXYBENZALDEHYDE * p-ETHOXYBENZALDEHYDE * 4-ETHOXYBENZALDEHYDE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTXAV 18,681,80

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2100 mg/kg FCTXAV 18,681,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CU6125000 BENZALDEHYDE, 3-ETHOXY-4-HYDROXY-
UPDT:8311 CAS: 121-32-4 MW: 166.19 MOLFM: C9-H10-O3
SYN: BOURBONAL * ETHAVAN * ETHOVAN * 3-ETHOXY-4-HYDROXYBENZALDEHYDE * ETHYLPROTAL * ETHYL VANILLIN * 4-HYDROXY-3-ETHOXYBENZALDEHYDE * PROTOCATECHUIC ALDEHYDE ETHYL ETHER * QUANTROVANIL * VANILLAL * VANILLIN, ETHYL- * VANIROM

IRRITATION DATA AND REFERENCES:
skn-hmn 10 mg/48H MLD FCTXAV 13,103,75

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:350 mg/kg/8W-I CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:
scu-rat LDLo:1800 mg/kg JAPMA8 29,425,40
ipr-mus LD50:750 mg/kg CTOXAO 10,61,77
ivn-dog LDLo:760 mg/kg COREAF 238,2576,54
orl-rbt LDLo:3000 mg/kg JAPMA8 29,425,40
ipr-gpg LD50:1140 mg/kg COREAF 238,2576,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU6125050 BENZALDEHYDE, 4-ETHOXY-3-HYDROXY-
UPDT:8311 MW: 166.19 MOLFM: C9-H10-O3
SYN: 4-ETHOXY-3-HYDROXYBENZALDEHYDE * ETHYLISOVANILLINE

TOXICITY DATA AND REFERENCES:
* ivn-dog LDLo:1330 mg/kg APFRAD 14,456,56

BENZALDEHYDE FFC see: CU3750000
BENZALDEHYDE GREEN see: BP6825000
BENZALDEHYDE, o-HYDROXY- see: VN5250000

CU6530000 BENZALDEHYDE, 2-HYDROXY-3-METHOXY-
UPDT:8308 CAS: 148-53-8 MW: 152.16 MOLFM: C8-H8-O3
SYN: m-ANISALDEHYDE, 2-HYDROXY- (8CI) * o-FORMYLGUAIACOL * 3-METHOXYSALICYLALDEHYDE * ORTHOVANILLINE * OXY-2 METHOXY-3 BENZALDEHYDE (French) * o-VANILLIN

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg FCTOD7 20,563,82
eye-rbt 100 mg FCTOD7 20,573,82
eye-rbt 100 mg/45 ms MLD FCTOD7 20,573,82

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:347 mg/kg COREAF 243,609,56

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CU6540000 BENZALDEHYDE, 3-HYDROXY-4-METHOXY-
UPDT:8311 CAS: 621-59-0 MW: 152.16 MOLFM: C8-H8-O3
SYN: p-ANISALDEHYDE, 3-HYDROXY- (8CI) * 5-FORMYLGUAIACOL * ISOVANILLIN * ISOVANILLINE * OXY-3 METHOXY-4 BENZALDEHYDE (French)

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1276 mg/kg COREAF 243,609,56
* ivn-dog LDLo:1470 mg/kg APFRAD 14,456,56

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENZALDEHYDE, 4-HYDROXY-3-METHOXY- see: YW5775000

CU7000000 BENZALDEHYDE, p-ISOPROPYL-
UPDT:8403 CAS: 122-03-2 MW: 148.22 MOLFM: C10-H12-O
SYN: BENZALDEHYDE, 4-(1-METHYLETHYL)- (9CI) * CUMALDEHYDE * CUMIC ALDEHYDE * p-CUMIC ALDEHYDE * CUMINAL * CUMINALDEHYDE * CUMINIC ALDEHYDE * CUMINYL ALDEHYDE * p-ISOPROPYLBENZALDEHYDE * 4-ISOPROPYLBENZALDEHYDE * p-ISOPROPYLBENZENECARBOXALDEHYDE * 4-(1-METHYLETHYL)BENZALDEHYDE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 12,395,74

TOXICITY DATA AND REFERENCES:
3F07K06L30 orl-rat LD50:1390 mg/kg FCTXAV 2,327,64
orl-mus LD50:2400 mg/kg BIJOAK 34,1196,40
* skn-rbt LD50:2800 mg/kg FCTXAV 12,395,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENZALDEHYDE, 2-METHOXY- (9CI) see: BZ2610000

CU7033000 BENZALDEHYDE, o-(5-(m-METHOXYPHENYL)-s-TRIAZOL-3-YL)-
UPDT:8401 CAS: 76217-33-9 MW: 279.32 MOLFM: C16-H13-N3-O2
SYN: o-(5-(m-METHOXYPHENYL)-s-TRIAZOL-3-YL)BENZALDEHYDE * 2-(3-(3-METHOXYPHENYL)-s-TRIAZOL-5-YL)BENZALDEHYDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-ham TDLo:50 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T25 scu-ham TDLo:500 ug/kg (4-8D preg) JMCMAR 26,1187,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZALDEHYDE, METHYL- see: XS3370000
BENZALDEHYDE, 3,4-(METHYLENEDIOXY)- see: TO1575000
BENZALDEHYDE, 4-(1-METHYLETHYL)- (9CI) see: CU7000000

CU7300000 BENZALDEHYDE, o-NITRO-
UPDT:8310 CAS: 552-89-6 MW: 151.13 MOLFM: C7-H5-N-O3
SYN: o-NITROBENZALDEHYDE * 2-NITROBENZALDEHYDE

MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate MUREAV 58,11,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CU7360100 BENZALDEHYDE, 4-NITRO-, (4-CHLORO-2-METHYL-1(2H)-PHTHALAZINYLIDINE)HYDRAZONE
UPDT:8402 CAS: 67458-35-9 MW: 341.78 MOLFM: C16-H12-Cl-N5-O2
SYN: 4-NITROBENZALDEHYDE (4-CHLORO-2-METHYL-1(2H)-PHTHALAZINYLIDINE)HYDRAZONE

TOXICITY DATA AND REFERENCES:
* unk-mus LD50:2000 mg/kg KHFZAN 11(7),37,77

CU7376000 BENZALDEHYDE, p-NITRO-, O-(m-NITROBENZYL)OXIME
UPDT:8401 CAS: 33215-60-0 MW: 301.28 MOLFM: C14-H11-N3-O5
SYN: p-NITROBENZALDEHYDE O-(m-NITROBENZYL)OXIME * NSC 131324

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg JPMSAE 60,925,71

BENZALDEHYDE NITROGEN MUSTARD TRIMETHYLENE GLYCOL ACETAL see: JG8246200

CU7379500 BENZALDEHYDE, 4-NITRO-, (2-METHYL-1(2H)-PHTHALAZINYLIDINE)HYDRAZONE
UPDT:8402 CAS: 6476-5-33-9 MW: 307.34 MOLFM: C16-H13-N5-O2
SYN: 4-NITROBENZALDEHYDE (2-METHYL-1(2H)-PHTHALAZINYLIDINE)HYDRAZONE * PHTHALAZINE, 1,2-DIHYDRO-2-METHYL-1-((p-NITROBENZYLIDE)AZINO)-

TOXICITY DATA AND REFERENCES:
* unk-mus LD50:2000 mg/kg KHFZAN 11(7),37,77

CU7420000 BENZALDEHYDE, o-NITRO-, mixed with NORHARMAN
UPDT:8311
SYN: o-NITROBENZALDEHYDE mixed with NORHARMAN * NORHARMAN mixed with o-NITROBENZALDEHYDE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 120,105,83

CU7420010 BENZALDEHYDE, p-NITRO-, mixed with NORHARMAN
UPDT:8311
SYN: p-NITROBENZALDEHYDE mixed with NORHARMAN * NORHARMAN mixed with p-NITROBENZALDEHYDE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 120,105,83

CU8150000 BENZALDEHYDE, 2,2'-TELLUROBIS-
UPDT:8406 CAS: 77446-40-3 MW: 337.84 MOLFM: C14-H10-O2-Te
SYN: BIS(o-FORMYLPHENYL)TELLURIDE * BIS(o-FORMYLPHENYL)TELLURIUM * TELLURIUM, BIS(o-FORMYLPHENYL)-

TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82

BENZALDEHYDE, TETRAHYDRO- see: GW2700000

CU8402000 BENZALDEHYDE, 2,3,6-TRICHLORO-
UPDT:8305 CAS: 4659-47-6 MW: 209.45 MOLFM: C7-H3-Cl3-O
SYN: 2,3,6-TRICHLOROBENZALDEHYDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:75 mg/kg CSLNX* NX#07568

CU8460000 BENZALDEHYDE, 2,4,5-TRIMETHOXY-
UPDT:8412 CAS: 4460-86-0 MW: 196.22 MOLFM: C10-H12-O4
SYN: ASARALDEHYDE * ASARONALDEHYDE * AZARYLALDEHYDE * GAZARIN * NCI-C61632 * 2,4,5-TRIMETHOXYBENZALDEHYDE * 3,4,6-TRIMETHOXYBENZALDEHYDE

STATUS:
NTP CARCINOGENESIS STUDIES, SELECTED BUT DEFERRED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

BENZALDEHYDEHELVETICOSID (German) see: FH4940000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(PHENYLMETHYLENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
BENZAL GLYCERYL ACETAL see: JI3325000
BENZALIN see: DF2450000
BENZALKONIUM CHLORIDE see: BO3150000
BENZALKONIUM CHLORIDE see: BO3325000

BEST COPY AVAILABLE

CU8700000 BENZAMIDE
UPDT:8406 CAS: 55-21-0 MW: 121.15 MOLFM: C7-H7-N-O
SYN: BENZOIC ACID AMIDE * BENZOYLAMIDE * PHENYLCARBOXYAMIDE
MUTATION DATA AND REFERENCES:
sce-hmn:lym 1 mmol/L MUREAV 122,223,83
sce-ham:ovr 1 mmol/L MUREAV 126,63,84
mnt-mam:kdy 1 gm/L IJEBA6 18,329,80
cyt-mam:kdy 1 gm/L IJEBA6 18,329,80
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1160 mg/kg TXAPA9 19,20,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZAMIDE, 4-(ACETYLAMINO)-N-(2-(DIETHYLAMINO)ETHYL)- see: AE1974350
BENZAMIDE, 2-(ACETYLOXY)-N-(4-CHLOROPHENYL)-3,5-DIIODO- see: VN7885000

CU8702300 BENZAMIDE, 4-(ACETYLOXY)-N-(2,4-DIBROMO-6-((CYCLOHEXYLMETHYLAMINO)METHYL)PHENYL)-3-METHOXY-, MONOHYDROCHLORIDE
UPDT:8402 CAS: 54340-60-2 MW: 604.82 MOLFM: C24-H28-Br2-N2-O4-Cl-H
SYN: BR-222 * BROVANEXINE HYDROCHLORIDE * UR 389
TOXICITY DATA AND REFERENCES:
3F25J22J26 ipr-mus LDLo:3000 mg/kg OYYAA2 25,603,83
1K13 ipr-dog LDLo:1500 mg/kg OYYAA2 25,603,83
BENZAMIDE, p-(9-ACRIDINYLAMINO)- see: CU8703000

CU8703000 BENZAMIDE, 4-(9-ACRIDINYLAMINO)-
UPDT:8310 CAS: 58658-19-8 MW: 313.38 MOLFM: C20-H15-N3-O
SYN: p-(9-ACRIDINYLAMINO)BENZAMIDE * BENZAMIDE, p-(9-ACRIDINYLAMINO)-
MUTATION DATA AND REFERENCES:
dnd-mam:lym 18 umol/L JMCMAR 24,170,81
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD10:140 mg/kg JMCMAR 24,170,81

CU8703400 BENZAMIDE, o-(9-ACRIDINYLAMINO)-, HYDROCHLORIDE
UPDT:8312 CAS: 75775-70-1 MW: 349.84 MOLFM: C20-H15-N3-O-Cl-H
SYN: o-(9-ACRIDINYLAMINO)BENZAMIDE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 38 umol/L JMCMAR 24,170,81

CU8703800 BENZAMIDE, N-ALLYL-2-(ALLYLOXY)-5-AMINO-
UPDT:8305 CAS: 30509-58-1 MW: 232.31 MOLFM: C13-H16-N2-O2
SYN: N-ALLYL-2-(ALLYLOXY)-5-AMINOBENZAMIDE * BENZAMIDE, 5-AMINO-N-2-PROPENYL-2-(2-PROPENYLOXY)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:307 mg/kg BCFAAI 115,125,76

CU8765000 BENZAMIDE, p-(3-ALLYL-3-METHYL-1-TRIAZENO)-
UPDT:8308 CAS: 66974-73-0 MW: 218.29 MOLFM: C11-H14-N4-O
SYN: p-(3-ALLYL-3-METHYL-1-TRIAZENO)BENZAMIDE * BENZAMIDE, 4-(3-METHYL-3-(2-PROPENYL)-1-TRIAZENYL)-
MUTATION DATA AND REFERENCES:
mma-sat 69 umol/L JMCMAR 22,473,79

CU8783000 BENZAMIDE, 2-(ALLYLOXY)-5-AMINO-N-BUTYL-
UPDT:8305 CAS: 30509-59-2 MW: 248.36 MOLFM: C14-H20-N2-O2
SYN: 2-(ALLYLOXY)-5-AMINO-N-BUTYLBENZAMIDE * BENZAMIDE, 5-AMINO-N-BUTYL-2-(2-PROPENYLOXY)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:374 mg/kg BCFAAI 115,125,76

CU8783010 BENZAMIDE, 2-(ALLYLOXY)-5-AMINO-N-sec-BUTYL-
UPDT:8305 CAS: 30653-85-1 MW: 248.36 MOLFM: C14-H20-N2-O2
SYN: 2-(ALLYLOXY)-5-AMINO-N-sec-BUTYLBENZAMIDE * BENZAMIDE, 5-AMINO-N-(1-METHYLPROPYL)-2-(2-PROPENYLOXY)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:767 mg/kg BCFAAI 115,125,76

CU8783020 BENZAMIDE, 2-(ALLYLOXY)-5-AMINO-N-tert-BUTYL-
UPDT:8305 CAS: 30533-66-5 MW: 248.36 MOLFM: C14-H20-N2-O2
SYN: 2-(ALLYLOXY)-5-AMINO-N-tert-BUTYLBENZAMIDE * BENZAMIDE, 5-AMINO-N-(1,1-DIMETHYLETHYL)-2-(2-PROPENYLOXY)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:740 mg/kg BCFAAI 115,125,76

CU8784000 BENZAMIDE, 2-(ALLYLOXY)-5-AMINO-N-CYCLOHEXYL-
UPDT:8305 CAS: 59582-64-8 MW: 274.40 MOLFM: C16-H22-N2-O2
SYN: 2-(ALLYLOXY)-5-AMINO-N-CYCLOHEXYLBENZAMIDE * BENZAMIDE, 5-AMINO-N-CYCLOHEXYL-2-(2-PROPENYLOXY)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:450 mg/kg BCFAAI 115,125,76

CU8784100 BENZAMIDE, 2-(ALLYLOXY)-5-AMINO-N-CYCLOPROPYL-
UPDT:8305 CAS: 30509-95-6 MW: 232.31 MOLFM: C13-H16-N2-O2
SYN: 2-(ALLYLOXY)-5-AMINO-N-CYCLOPROPYLBENZAMIDE * BENZAMIDE, 5-AMINO-N-CYCLOPROPYL-2-(2-(PROPENYLOXY)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:553 mg/kg BCFAAI 115,125,76

CU8784200 BENZAMIDE, 2-(ALLYLOXY)-5-AMINO-N,N-DIETHYL-, HYDROCHLORIDE
UPDT:8305 CAS: 30533-70-1 MW: 284.82 MOLFM: C14-H20-N2-O2-Cl-H
SYN: 2-(ALLYLOXY)-5-AMINO-N,N-DIETHYLBENZAMIDE HYDROCHLORIDE * BENZAMIDE, 5-AMINO-N,N-DIETHYL-2-(2-PROPENYLOXY)-, MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:570 mg/kg BCFAAI 115,125,76

CU8784600 BENZAMIDE, 2-(ALLYLOXY)-5-AMINO-N-ETHYL-
UPDT:8305 CAS: 30509-92-3 MW: 220.30 MOLFM: C12-H16-N2-O2
SYN: 2-(ALLYLOXY)-5-AMINO-N-ETHYLBENZAMIDE * BENZAMIDE, 5-AMINO-N-ETHYL-2-(2-PROPENYLOXY)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:927 mg/kg BCFAAI 115,125,76

CU8787000 BENZAMIDE, 2-(ALLYLOXY)-5-AMINO-N-ISOBUTYL-
UPDT:8305 CAS: 30509-61-6 MW: 248.36 MOLFM: C14-H20-N2-O2
SYN: 2-(ALLYLOXY)-5-AMINO-N-ISOBUTYLBENZAMIDE * BENZAMIDE, 5-AMINO-N-(2-METHYLPROPYL)-2-(2-PROPENYLOXY)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:538 mg/kg BCFAAI 115,125,76

CU8787500 BENZAMIDE, 2-(ALLYLOXY)-5-AMINO-N-ISOPROPYL-
UPDT:8305 CAS: 30509-94-5 MW: 234.33 MOLFM: C13-H18-N2-O2
SYN: 2-(ALLYLOXY)-5-AMINO-N-ISOPROPYLBENZAMIDE * BENZAMIDE, 5-AMINO-N-(1-METHYLETHYL)-2-(2-PROPENYLOXY)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:574 mg/kg BCFAAI 115,125,76

CU8788500 BENZAMIDE, 2-(ALLYLOXY)-5-AMINO-N-METHYL-
UPDT:8305 CAS: 30653-87-3 MW: 206.27 MOLFM: C11-H14-N2-O2
SYN: 2-(ALLYLOXY)-5-AMINO-N-METHYLBENZAMIDE * BENZAMIDE, 5-AMINO-N-METHYL-2-(2-PROPENYLOXY)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:720 mg/kg BCFAAI 115,125,76

CU8789000 BENZAMIDE, 2-(ALLYLOXY)-5-AMINO-N-PENTYL-
UPDT:8305 CAS: 30533-68-7 MW: 262.39 MOLFM: C15-H22-N2-O2
SYN: 2-(ALLYLOXY)-5-AMINO-N-PENTYLBENZAMIDE * BENZAMIDE, 5-AMINO-N-PENTYL-2-(2-PROPENYLOXY)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:472 mg/kg BCFAAI 115,125,76

CU8789500 BENZAMIDE, 2-(ALLYLOXY)-5-AMINO-N-PROPYL-
UPDT:8305 CAS: 30653-84-0 MW: 234.33 MOLFM: C13-H18-N2-O2
SYN: 2-(ALLYLOXY)-5-AMINO-N-PROPYLBENZAMIDE * BENZAMIDE, 5-AMINO-2-(2-PROPENYLOXY)-N-PROPYL- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:318 mg/kg BCFAAI 115,125,76

CU8790000 BENZAMIDE, m-(ALLYLOXY)-N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-
UPDT:8402 MW: 307.32 MOLFM: C14-H18-N3-O3-P
SYN: A-162 * m-(ALLYLOXY)-N-(BIS(1-AZIRIDINYL)PHOSPHINYL)BENZAMIDE
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:89 mg/kg PCJOAU 16,626,82
* unk-rbt LDLo:50 mg/kg PCJOAU 6,475,72

CU8792000 BENZAMIDE, p-(ALLYLOXY)-N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-
UPDT:8402 MW: 307.32 MOLFM: C14-H18-N3-O3-P
SYN: A-157 * p-(ALLYLOXY)-N-(BIS(1-AZIRIDINYL)PHOSPHINYL)BENZAMIDE
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:60 mg/kg PCJOAU 16,626,82
* unk-rbt LDLo:100 mg/kg PCJOAU 6,475,72

CU8800000 BENZAMIDE, 2-(ALLYLOXY)-4-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-
UPDT:8403 CAS: 5686-77-1 MW: 310.86 MOLFM: C16-H23-Cl-N2-O2
SYN: ALLOCLAMIDE * 2-(ALLYLOXY)-4-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)BENZAMIDE * BENZAMIDE 4-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-2-(2-PROPENYLOXY)- (9CI) * 4-CHLORO-N-(2-(ETHYLAMINO)ETHYL)-2-(2-PROPENYLOXY)BENZAMIDE * 204CE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:740 mg/kg B5ESA3 9,36,76
3F11F19J26 scu-mus LD50:155 mg/kg JJPAAZ 20,1,70
* ivn mus LD50:65 mg/kg NIIRDN 6,53,82
3F11F19J26 ivn-dog LDLo:50 mg/kg JJPAAZ 20,1,70

CU8805000 BENZAMIDE, 2-ALLYLOXY-4-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8406 MW: 347.32 MOLFM: C16-H23-Cl-N2-O2-Cl-H
SYN: 2-ALLYLOXY-4-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)BENZAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:746 mg/kg IYKEDH 4,90,73
* scu-mus LD50:155 mg/kg IYKEDH 4,90,73
* ivn-mus LD50:61 mg/kg IYKEDH 4,90,73
2F12J30 ivn-dog LDLo:50 mg/kg JJPAAZ 16,342,66

CU8991000 BENZAMIDE, p-(3-AMIDINOGUANIDINO)-N-BUTYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 312.85 MOLFM: C13-H20-N6-O-Cl-H
SYN: p-(3-AMIDINOGUANIDINO)-N-BUTYLBENZAMIDE MONOHYDROCHLORIDE * BIGUANIDE, 1-(p-N-BUTYLCARBAMOYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg JAJAAA 18,196,65

CU8991100 BENZAMIDE, p-(3-AMIDINOGUANIDINO)-N,N-DIALLYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 336.87 MOLFM: C15-H20-N6-O-Cl-H
SYN: p-(3-AMIDINOGUANIDINO)-N,N-DIALLYLBENZAMIDE MONOHYDROCHLORIDE * BIGUANIDE, 1-(p-N,N-DIALLYLCARBAMOYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:192 mg/kg JAJAAA 18,196,65

CU8991120 BENZAMIDE, p-(3-AMIDINOGUANIDINO)-N,N-DIBUTYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 368.97 MOLFM: C17-H28-N6-O-Cl-H
SYN: p-(3-AMIDINOGUANIDINO)-N,N-DIBUTYLBENZAMIDE MONOHYDROCHLORIDE * BIGUANIDE, 1-(p-N,N-DIBUTYLCARBAMOYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:79 mg/kg JAJAAA 18,196,65

CU8991140 BENZAMIDE, p-(3-AMIDINOGUANIDINO)-N,N-DIETHYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 312.85 MOLFM: C13-H20-N6-O-Cl-H
SYN: p-(3-AMIDINOGUANIDINO)-N,N-DIETHYLBENZAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg JAJAAA 18,196,65

CU8991160 BENZAMIDE, p-(3-AMIDINOGUANIDINO)-N,N-DIETHYLTHIO)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 328.91 MOLFM: C13-H20-N6-S-Cl-H
SYN: p-(3-AMIDINOGUANIDINO)-N,N-DIETHYLTHIOBENZAMIDE MONOHYDROCHLORIDE * BIGUANIDE, 1-(p-N,N-DIETHYLTHIOCARBAMOYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:240 mg/kg JAJAAA 18,196,65

CU8991180 BENZAMIDE, p-(3-AMIDINOGUANIDINO)-N,N-DIISOPROPYL-, MONOHYDROCHLORIDE, MONOHYDRATE
UPDT:8405 MW: 374.93 MOLFM: C15-H24-N6-O2-Cl-H-H2-O
SYN: p-(3-AMIDINOGUANIDINO)-N,N-DIISOPROPYLBENZAMIDE MONOHYDROCHLORIDE MONOHYDRATE * BIGUANIDE, 1-(p-(N,N-DIISOPROPYLCARBAMOYL)PHENYL)-, HYDROCHLORIDE, HYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:160 mg/kg JAJAAA 18,196,65

CU8991200 BENZAMIDE, p-(3-AMIDINOGUANIDINO)-N,N-DIMETHYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 284.79 MOLFM: C11-H16-N6-O-Cl-H
SYN: p-(3-AMIDINOGUANIDINO)-N,N-DIMETHYLBENZAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:720 mg/kg JAJAAA 18,196,65

CU8991220 BENZAMIDE, p-(3-AMIDINOGUANIDINO)-N,N-DIMETHYLTHIO-, MONOHYDROCHLORIDE, DIHYDRATE
UPDT:8405 MW: 336.89 MOLFM: C11-H16-N6-S-Cl-H-2H2-O
SYN: p-(3-AMIDINOGUANIDINO)-N,N-DIMETHYLTHIOBENZAMIDE MONOHYDROCHLORIDE DIHYDRATE * BIGUANIDE, 1-(p-N,N-DIMETHYLTHIOCARBAMOYLPHENYL)-, HYDROCHLORIDE DIHYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:305 mg/kg JAJAAA 18,196,65

CU8991300 BENZAMIDE, p-(3-AMIDINOGUANIDINO)-N-ETHYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 284.79 MOLFM: C11-H16-N6-O-Cl-H
SYN: p-(3-AMIDINOGUANIDINO)-N-ETHYLBENZAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:475 mg/kg JAJAAA 18,196,65

CU8991500 BENZAMIDE, p-((3-AMIDINOGUANIDINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 270.76 MOLFM: C10-H14-N6-O-Cl-H
SYN: p-((3-AMIDINOGUANIDINO)METHYL)BENZAMIDE MONOHYDROCHLORIDE * BIGUANIDE, 1-(p-CARBAMOYLBENZYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:438 mg/kg JAJAAA 18,196,65

CU8991520 BENZAMIDE, p-(3-AMIDINOGUANIDINO)-N-METHYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 270.76 MOLFM: C10-H14-N6-O-Cl-H
SYN: p-(3-AMIDINOGUANIDINO)-N-METHYLBENZAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:490 mg/kg JAJAAA 18,196,65

CU8991550 BENZAMIDE, p-(3-AMIDINOGUANIDINO)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 256.73 MOLFM: C9-H12-N6-O-Cl-H
SYN: p-(3-AMIDINOGUANIDINO)BENZAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg JAJAAA 18,196,65

CU8992000 BENZAMIDE, m-AMINO-
UPDT:8408 CAS: 3544-24-9 MW: 136.17 MOLFM: C7-H8-N2-O

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

SYN: m-AMINOBENZAMIDE * 3-AMINOBENZAMIDE * E.N.-AMIDE, 3-AMINO- (9CI)

MUTATION DATA AND REFERENCES:

	sce-ham-lym 1 mmol/L	MUREAV 122,223.83
	dns-ham-ovr 10 mmol/L	ECREAL 143,377.83
	sce-ham-ovr 1 mmol/L	ENMUDM 6,203.84

BENZAMIDE, 3-AMINO- (9CI) see: CU8992000

CU8999000 BENZAMIDE, 4-AMINO-N-(2-(3-AZABICYCLO(3.2.2)NON-3-YL)ETHYL)-2,6-DIMETHYL-

UPDT:8312 CAS: 39728-50-5 MW: 315.51 MOLFM: C19-H29-N3-O

SYN: 4-AMINO-N-(2-(3-AZABICYCLO(3.2.2)NON-3-YL)ETHYL)-2,6-DIMETHYLBENZAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:9 mg/kg	JPMSAE 61,1953,72

CU9057000 BENZAMIDE, 4-AMINO-2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8305 MW: 343.95 MOLFM: C17-H29-N3-O2-Cl-H

SYN: 4-AMINO-2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12H02J30	ivn-mus LD50:4474 ug/kg	JPETAB 123,269.58

CU9058000 BENZAMIDE, 5-AMINO-N-BUTYL-4-CHLORO-2-(2-PROPYNYLOXY)-

UPDT:8305 CAS: 30533-80-3 MW: 296.78 MOLFM: C14-H17-Cl-N2-O3

SYN: 5-AMINO-N-BUTYL-4-CHLORO-2-(2-PROPYNYLOXY)-BENZAMIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:740 mg/kg	BCFAAI 115,125.76

BENZAMIDE, 5-AMINO-N-BUTYL-2-(2-PROPENYLOXY)- see: CU8783000

CU9060000 BENZAMIDE, 5-AMINO-N-BUTYL-2-(2-PROPYNYLOXY)-

UPDT:8306 CAS: 30653-83-9 MW: 246.34 MOLFM: C14-H18-N2-O2

SYN: 5-AMINO-N-BUTYL-2-PROPARGYLOXYBENZAMIDE * 5-AMINO-N-BUTYL-2-(2-PROPYNYLOXY)BENZAMIDE * MY 41-6 * PARSAL * PARSALMIDE * 2-PROPARGILOSSI-5-AMINO-N-(n-BUTIL)-BENZAMIDE (Italian)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:864 mg/kg	DRFUD4 2,55,77
	orl-mus LD50:428 mg/kg	DRFUD4 2,55,77
	ivn-mus LD50:148 mg/kg	DRFUD4 2,55,77

CU9060010 BENZAMIDE, 5-AMINO-N-tert-BUTYL-2-(2-PROPYNYLOXY)-

UPDT:8305 CAS: 30533-81-4 MW: 246.34 MOLFM: C14-H18-N2-O2

SYN: 5-AMINO-N-tert-BUTYL-2-(2-PROPYNYLOXY)BENZAMIDE * BENZAMIDE, 5-AMINO-N-(1,1-DIMETHYLETHYL)-2-(2-PROPYNYLOXY)- (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:402 mg/kg	BCFAAI 115,125.76

CU9080000 BENZAMIDE, N-(7-((3-O-(AMINOCARBONYL)-6-DEOXY-5-C-METHYL-4-O-METHYL-beta-L-lyxo- HEXOPYRANOSYL)OXY)-4-HYDROXY-8-METHYL-2-OXO-2H-1-BENZOPYRAN-3-YL)-4-HYDROXY- 3-(3-METHYL-2-BUTENYL)-

UPDT:8408 CAS: 303-81-1 MW: 612.69 MOLFM: C31-H36-N2-O11

SYN: ALBAMIX * ALBAMYCIN * ANTIBIOTIC PA-93 * CARDELMYCIN * CATHOCIN * CATHOMYCIN * CRYSTALLINIC ACID * INAMYCIN * NOVOBIOCIN * NOVO-R * PA 93 * ROBIOCINA * SIRB-D-DNA * SPHERONYCIN * STILBIOCINA * STREPTONIVICIN

MUTATION DATA AND REFERENCES:

	mma-esc 200 mg/L	NATUAS 271,385.78
	dni-mus 100 mg/L	JMOBAK 96,201.75
	pic-esc 10 ug/plate	CNREA8 43,2819.83
	dni-lpc 20 uL/disc	MUREAV 97,1.82
	pic-ami 5 ug/plate	ZNMPAO 231,369.75
	mma-esg 500 mg/L	EXPEAX 27,586.71
	dni-aml-emb 2 gm/L	MUREAV 104,125.82
	oms-aml-emb 2 gm/L	MUREAV 104,125.82
	dni-hma-emb 600 mmol/L	CRNGDP 3,1171.87
	dni-mus-oth 200 umol/L	BBRCA9 106,1448.82
	oms-mus-oth 200 umol/L	BBRCA9 106,1448.82
	cyt-mus-par 50 mg/kg	NULSAK 2,161.71
	dni-ham-oth 200 mg/L	CRNGDP 5,187.84
	sce-ham-ovr 200 mg/L	CHROAU 85,603.82

TOXICITY DATA AND REFERENCES:

2D25R03	unk-hmn TDLo:171 mg/kg/12D-C	85ERAY 1,137.78
*	orl-mus LD50:1500 mg/kg	85GDA2 6,338.81
*	ipr-mus LD50:262 mg/kg	85FZAT -,471,67
*	ivn-mus LD50:407 mg/kg	85FZAT -,471,67

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU9370000 BENZAMIDE, 5-AMINO-4-CHLORO-N-ETHYL-2-(2-PROPYNYLOXY)-

UPDT:8305 CAS: 30533-76-7 MW: 252.72 MOLFM: C12-H13-Cl-N2-O2

SYN: 5-AMINO-4-CHLORO-N-ETHYL-2-(2-PROPYNYLOXY)-BENZAMIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:325 mg/kg	BCFAAI 115,125.76

CU9390000 BENZAMIDE, 4-AMINO-5-CHLORO-2-METHOXY-N-(1-BENZYL-4-PIPERIDYL)-, MALATE

UPDT:8411 CAS: 57645-91-7 MW: 508.02 MOLFM: C20-H24-Cl-N3-O2-C4-H6-O5

SYN: 4-AMINO-5-CHLORO-2-METHOXY-N-(1-BENZYL-4-PIPERIDYL)BENZAMIDE MALATE * CLEBOPRIDE HYDROGEN MALATE * CLEBOPRIDE MALATE * LAS

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T21	orl-rat TDLo:8 gm/kg (9W male/7D pre-1-7D preg)	KSRNAM 16,5670.82
1T02	orl-rat TDLo:9 gm/kg (36D male)	OYYAA2 25,877.83
1T12	orl-rat TDLo:219 mg/kg (23D pre)	OYYAA2 25,845.83
1T13	orl-rat TDLo:228 mg/kg (91D pre)	OYYAA2 25,803.83
1T85	orl-rat TDLo:12500 ug/kg (17-20D preg/21D post)	KSRNAM 16,5661.82

TOXICITY DATA AND REFERENCES:

3D17F17J26	orl-rat LD50:2540 mg/kg	OYYAA2 25,803.83
3F17F19J26	ipr-rat LD50:155 mg/kg	OYYAA2 25,803.83
3D17F19J26	scu-rat LD50:4850 mg/kg	OYYAA2 25,803.83
3F12F29K13	ivn-rat LD50:39 mg/kg	OYYAA2 25,803.83
3F17F19J26	ims-rat LD50:1450 mg/kg	OYYAA2 25,803.83
2F05F25	orl-mus LD50:490 mg/kg	OYYAA2 25,803.83
2F17J30	ipr-mus LD50:145 mg/kg	OYYAA2 25,803.83
3F17J26R21	scu-mus LD50:305 mg/kg	OYYAA2 25,803.83
2F17J30	ivn-mus LD50:51 mg/kg	OYYAA2 25,803.83
2F17J30	ims-mus LD50:260 mg/kg	OYYAA2 25,803.83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU9395000 BENZAMIDE, 4-AMINO-5-CHLORO-2-METHOXY-N-(4-PIPERIDYL)-

UPDT:8402 CAS: 57645-49-5 MW: 283.79 MOLFM: C13-H18-Cl-N3-O2

SYN: 4-AMINO-5-CHLORO-2-METHOXY-N-(4-PIPERIDYL)BENZAMIDE * DESBENZYL CLEBOPRIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-rat TDLo:3500 mg/kg (35D pre)	OYYAA2 25,865.83

TOXICITY DATA AND REFERENCES:

3F17J26J30	orl-rat LD50:2550 mg/kg	OYYAA2 25,865.83
*	orl-mus LD50:1750 mg/kg	OYYAA2 25,865.83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZAMIDE, 5-AMINO-N-CYCLOHEXYL-2-(2-PROPENYLOXY)- see: CU8784000

BENZAMIDE, 5-AMINO-N-CYCLOPROPYL-2-(2-(PROPENYLOXY)- (9CI) see: CU8784100

CV0800000 BENZAMIDE, 5-AMINO-N-CYCLOPROPYL-2-(2-PROPYNYLOXY)-

UPDT:8305 CAS: 30533-79-0 MW: 230.29 MOLFM: C13-H14-N2-O2

SYN: 5-AMINO-N-CYCLOPROPYL-2-(2-PROPYNYLOXY)-BENZAMIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:526 mg/kg	BCFAAI 115,125.76

CV2150000 BENZAMIDE, 4-AMINO-N-(1-(5-((4,6-DIDEOXY-4-(DIMETHYLAMINO)-alpha-D-GLUCOPYRANOSYL)OXY) TETRAHYDRO-6-METHYL-2H-PYRAN-2-YL)-1,2 DIHYDRO-2-OXO-4-PYRIMIDINYL)-, (2R-(2-alpha,5-beta,6-alpha))-

UPDT:8310 CAS: 43043-35-8 MW: 517.65 MOLFM: C25-H35-N3-O7

SYN: AMICETIN B * PLICACETIN * R-285

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:210 mg/kg	85ERAY 1,159.78

CV2275000 BENZAMIDE, p-AMINO-N-(2-(DIETHYLAMINO)ETHYL))-

UPDT:8405 CAS: 51-06-9 MW: 235.37 MOLFM: C13-H21-N3-O

SYN: p-AMINOBENZOIC DIETHYLAMINOETHYLAMIDE * p-AMINO-n-(2-DIETHYLAMINOETHYL)BENZAMIDE * BENZAMIDE, 4-AMINO-N-(2-(DIETHYLAMINO)ETHYL)- (9CI) * NOVOCAINAMID * NOVOCAINAMIDE * NOVOCAINE AMIDE * NOVOCAMID * PROCAINAMIDE * PROCAINE AMIDE * PROCAMIDE * PRONESTYL

TOXICITY DATA AND REFERENCES:

3J21J22J30	orl-man TDLo:10 gm/kg/Y	BHJUAV 34,284.72
1Q15	orl-hmn TDLo:2280 mg/kg/22W	BHJUAV 34,284.72
	ivn-rat LD50:121 mg/kg	EJMCA5 11,539.76
	orl-mus LD50:890 mg/kg	TXAPA9 21,253.72
	ipr-mus LD50:312 mg/kg	EJMCA5 11,539.76
	ivn-mus LD50:137 mg/kg	EJTXAZ 8,188.75
	orl-dog LDLo:2210 mg/kg	TXAPA9 21,253.72
*	ivn-rbt LD50:250 mg/kg	FRPSAX 12,77,57
*	ivn-gpg LD50:280 mg/kg	FRPSAX 12,77,57

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW, INTEAG 15(1),7,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZAMIDE, 4-AMINO-N-(2-(DIETHYLAMINO)ETHYL)- (9CI) see: CV2275000

CV2290000 BENZAMIDE, 4-AMINO-N-(2-(DIETHYLAMINO)ETHYL)-2,6-DIMETHYL-

UPDT:8312 CAS: 30459-65-5 MW: 263.43 MOLFM: C13-H25-N3-O

SYN: 4-AMINO-N-(2-(DIETHYLAMINO)ETHYL)-2,6-DIMETHYLBENZAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:209 mg/kg	JPMSAE 61,1953,72

CV2295000 BENZAMIDE, p-AMINO-N-(2-(DIETHYLAMINO)ETHYL))-, HYDROCHLORIDE

UPDT:8405 CAS: 7699-39-0 MW: 271.83 MOLFM: C13-H21-N3-O-Cl-H

SYN: p-AMINO-N-(2-(DIETHYLAMINO)ETHYL))BENZAMIDE HYDROCHLORIDE * PROCAINAMIDE HYDROCHLORIDE * PROCAINE AMIDE HYDROCHLORIDE * PRONESTYL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:95 mg/kg	ARZNAD 18,1127.68
	orl-mus LD50:1110 mg/kg	ARZNAD 18,1127.68
	ipr-mus LD50:400 mg/kg	ARZNAD 18,1127.68
*	ivn-mus LD50:94640 ug/kg	NIIRDN 6,719.82

CV2302100 BENZAMIDE, p-AMINO-N-(o-((DIETHYLAMINO)METHYL)BENZYL)-

UPDT:8408 MW: 311.47 MOLFM: C19-H25-N3-O

SYN: p-AMINO-N-(o-((DIETHYLAMINO)METHYL)BENZYL)BENZAMIDE * N,N-DIETHYL-2-(p-AMINOBENZAMIDOMETHYL)BENZYLAMINE

TOXICITY DATA AND REFERENCES:

2C17G30	ipr-mus LD50:60 mg/kg	ARPMAS 315,1003.82

CV2302200 BENZAMIDE, p-AMINO-N-(m-((DIETHYLAMINO)METHYL)BENZYL)-, HYDROCHLORIDE

UPDT:8408 MW: 347.93 MOLFM: C19-H25-N3-O-Cl-H

SYN: p-AMINO-N-(m-((DIETHYLAMINO)METHYL)BENZYL)BENZAMIDE HYDROCHLORIDE * N,N-DIETHYL-3-(p-AMINOBENZAMIDOMETHYL)BENZYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2C17G30	ipr-mus LD50:300 mg/kg	ARPMAS 315,1003.82

CV2302300 BENZAMIDE, p-AMINO-N-(p-((DIETHYLAMINO)METHYL)BENZYL)-, HYDROCHLORIDE

UPDT:8408 MW: 347.93 MOLFM: C19-H25-N3-O-Cl-H

SYN: p-AMINO-N-(p-((DIETHYLAMINO)METHYL)BENZYL)BENZAMIDE HYDROCHLORIDE * N,N-DIETHYL-4-(p-AMINOBENZAMIDOMETHYL)BENZYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2C17G30	ipr-mus LD50:400 mg/kg	ARPMAS 315,1003.82

CV2302500 BENZAMIDE, N,N-DIETHYL-3-METHYL-, mixt. with 2-PROPANOL and SILICONES

UPDT:8405 CAS: 82116-33-4

SYN: CHF-1

TOXICITY DATA AND REFERENCES:

3F05J26R21	orl-rat LD50:2495 mg/kg	NTIS** AD-A114055

BENZAMIDE, 5-AMINO-N,N-DIETHYL-2-(2-PROPENYLOXY)-, MONOHYDROCHLORIDE see: CU8784200

CV2303000 BENZAMIDE, 5-AMINO-N,N-DIETHYL-2-(2-PROPYNYLOXY)-, HYDROCHLORIDE

UPDT:8305 CAS: 30533-85-8 MW: 282.80 MOLFM: C14-H18-N2-O2-Cl-H

SYN: 5-AMINO-N,N-DIETHYL-2-(2-PROPYNYLOXY)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:960 mg/kg	BCFAAI 115,125.76

CV2305400 BENZAMIDE, p-AMINO-N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)-, HYDROCHLORIDE

UPDT:8303 MW: 347.93 MOLFM: C19-H25-N3-O-Cl-H

SYN: p-AMINO-N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:132 mg/kg	PCJOAU 15,725.81

BENZAMIDE, 5-AMINO-N-(1,1-DIMETHYLETHYL)-2-(2-PROPENYLOXY)- (9CI) see: CU8783020

BENZAMIDE, 5-AMINO-N-(1,1-DIMETHYLETHYL)-2-(2-PROPYNYLOXY)- (9CI) see: CU9060010

CV2305700 BENZAMIDE, 4-AMINO-2,6-DIMETHYL-N-(2-MORPHOLINOETHYL)-

UPDT:8312 CAS: 39728-50-2 MW: 277.41 MOLFM: C15-H23-N3-O2

SYN: 4-AMINO-2,6-DIMETHYL-N-(2-MORPHOLINOETHYL)BENZAMIDE * BENZAMIDE, 4-AMINO-2,6-DIMETHYL-N-(2-(4-MORPHOLINYL)ETHYL)-

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:746 mg/kg	JPMSAE 61,1953,72

BENZAMIDE, 4-AMINO-2,6-DIMETHYL-N-(2-(4-MORPHOLINYL)ETHYL)- see: CV2305700

CV2305800 BENZAMIDE, 4-AMINO-2,6-DIMETHYL-N-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)-

UPDT:8312 CAS: 39728-52-4 MW: 352.53 MOLFM: C21-H28-N4-O

SYN: 4-AMINO-2,6-DIMETHYL-N-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:74 mg/kg	JPMSAE 61,1953,72

BENZAMIDE, 4-AMINO-2,6-DIMETHYL-N-(?-(1-PIPERIDINYL)ETHYL)- (9CI) see: CV2308200

CV2308200 BENZAMIDE, 4-AMINO-2,6-DIMETHYL-N-(2-PIPERIDINOETHYL)-

UPDT:8312 CAS: 39728-51-3 MW: 275.44 MOLFM: C16-H25-N3-O

SYN: 4-AMINO-2,6-DIMETHYL-N-(2-PIPERIDINOETHYL)BENZAMIDE * BENZAMIDE, 4-AMINO-2,6-DIMETHYL-N-(2-(1-PIPERIDINYL)ETHYL)- (9CI)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:14 mg/kg	JPMSAE 61,1953,72

BENZAMIDE, 5-AMINO-N-ETHYL-2-(2-PROPENYLOXY)- see: CU8784600

CV2308700 BENZAMIDE, 5-AMINO-N-ETHYL-2-(2-PROPYNYLOXY)-

UPDT:8305 CAS: 30533-75-6 MW: 244.68 MOLFM: C14-H16-N2-O2

SYN: 5-AMINO-N-ETHYL-2-(2-PROPYNYLOXY)BENZAMIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:859 mg/kg BCFAAI 115,125,76

CV2309000 BENZAMIDE, 4-((2-AMINO-3-HYDROXY-2-METHYL-1-OXOPROPYL)AMINO)-N-(1-(2,6-DIDEOXY-4-O-(4,6- DIDEOXY-4-(DIMETHYLAMINO)-alpha-D-GLUCOPYRANOSYL)-beta-D-ARABINO-HEXOPYRANOSYL)-1,2- DIHYDRO-2-OXO-4-PYRIMIDINYL-, (S)-

UPDT:8309 CAS: 52665-75-5 MW: 634.77 MOLFM: C29-H42-N6-O10

SYN: ANTIBIOTIC BU 1848 * B4 1848 * 4 HYDROXYAMICETIN * OXAMICETIN * OXAMYCETIN * T 41575

TOXICITY DATA AND REFERENCES:

ivn-mus LD50:200 mg/kg JANTAJ 26,752,73

CV2311000 BENZAMIDE, 5-AMINO-N-ISOPENTYL-2-(2-PROPYNYLOXY)-

UPDT:8305 CAS: 30533-83-6 MW: 260.37 MOLFM: C15-H20-N2-O2

SYN: 5-AMINO-N-ISOPENTYL-2-(2-PROPYNYLOXY)BENZAMIDE * BENZAMIDE, 5-AMINO-N-(3-METHYLBUTYL)-2-(2-PROPYNYLOXY)-

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:442 mg/kg BCFAAI 115,125,76

CV2311500 BENZAMIDE, 5-AMINO-N-ISOPROPYL-2-(2-PROPYNYLOXY)-

UPDT:8305 CAS: 30533-78-9 MW: 232.31 MOLFM: C13-H16-N2-O2

SYN: 5-AMINO-N-ISOPROPYL-2-(2-PROPYNYLOXY)BENZAMIDE * BENZAMIDE, 5-AMINO-N-(1-METHYLETHYL)-2-(2-PROPYNYLOXY)- (9CI)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:329 mg/kg BCFAAI 115,125,76

BENZAMIDE, 5-AMINO-N-(3-METHYLBUTYL)-2-(2-PROPYNYLOXY)- see: CV2311000

BENZAMIDE, 5-AMINO-N-(1-METHYLETHYL)-2-(2-PROPENYLOXY)- (9CI) see: CU8787500

BENZAMIDE, 5-AMINO-N-(1-METHYLETHYL)-2-(2-PROPYNYLOXY)- (9CI) see: CV2311500

BENZAMIDE, 5-AMINO-N-METHYL-2-(2-PROPENYLOXY)- (9CI) see: CU8788500

BENZAMIDE, 5-AMINO-3-METHYL-2-(2-PROPENYLOXY)-N-PROPYL-, MONOHYDROCHLORIDE (9CI) see: XS3590900

BENZAMIDE, 5-AMINO-3-METHYL-N-2-PROPENYL-2-(2-PROPENYLOXY)-, MONOHYDROCHLORIDE (9CI) see: XS3590700

BENZAMIDE, 5-AMINO-N-(1-METHYLPROPYL)-2-(2-PROPENYLOXY)- (9CI) see: CU8783010

BENZAMIDE, 5-AMINO-N-(2-METHYLPROPYL)-2-(2-PROPENYLOXY)- (9CI) see: CU8787000

BENZAMIDE, 5-AMINO-N-PENTYL-2-(2-PROPENYLOXY)- (9CI) see: CU8789000

CV2323000 BENZAMIDE, 5-AMINO-N-PENTYL-2-(2-PROPYNYLOXY)-

UPDT:8305 CAS: 30533-82-5 MW: 260.37 MOLFM: C15-H20-N2-O2

SYN: 5-AMINO-N-PENTYL-2-(2-PROPYNYLOXY)BENZAMIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:450 mg/kg BCFAAI 115,125,76

BENZAMIDE, 5-AMINO-2-(2-PROPENYLOXY)-N-PROPYL- (9CI) see: CU8789500

BENZAMIDE, 5-AMINO-N-2-PROPENYL-2-(2-PROPENYLOXY)- see: CU8703800

CV2338500 BENZAMIDE, 5-AMINO-N-PROPYL-2-(?-PROPYNYLOXY)-

UPDT:8305 CAS: 30533-77-8 MW: 232.31 MOLFM: C13-H16-N2-O2

SYN: 5-AMINO-N-PROPYL-2-(2-PROPYNYLOXY)BENZAMIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:725 mg/kg BCFAAI 115,125,76

BENZAMIDE, 3-(AMINOSULFONYL)-4-CHLORO-N-(2,3-DIHYDRO-2-METHYL-1H-INDOL-1-YL)- (9CI) see: CV2449850

BENZAMIDE, 5-(AMINOSULFONYL)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL-2-METHOXY- (9CI) see: BZ3400000

CV2345200 BENZAMIDE, N-(1-(ANTIPYRINYLCARBAMOYL)ETHYL)-

UPDT:8303 MW: 378.47 MOLFM: C21-H22-N4-O3

SYN: N-(1-(ANTIPYRINYLCARBAMOYL)-ETHYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

1Y55 ipr-mus LD50:2483 mg/kg PCJOAU 16,51,82

CV2345230 BENZAMIDE, N-((ANTIPYRINYLCARBAMOYL)METHYL)-

UPDT:8303 MW: 364.44 MOLFM: C20-H20-N4-O3

SYN: N-((ANTIPYRINYLCARBAMOYL)METHYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

1Y55 ipr-mus LD50:1529 mg/kg PCJOAU 16,51,82

CV2345240 BENZAMIDE, N-(1-(ANTIPYRINYLCARBAMOYL)-3-METHYLBUTYL)-

UPDT:8303 MW: 420.56 MOLFM: C24-H28-N4-O3

SYN: N-(1-(ANTIPYRINYLCARBAMOYL)-3-METHYLBUTYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

1Y55 ipr-mus LD50:2210 mg/kg PCJOAU 16,51,82

CV2345250 BENZAMIDE, N-(1-(ANTIPYRINYLCARBAMOYL)-2-METHYLPROPYL)-

UPDT:8303 MW: 406.53 MOLFM: C23-H26-N4-O3

SYN: N-(1-(ANTIPYRINYLCARBAMOYL)-2-METHYLPROPYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

1Y55 ipr-mus LD50:2230 mg/kg PCJOAU 16,51,82

CV2345280 BENZAMIDE, N-(1-(ANTIPYRINYLCARBAMOYL)PENTYL)-

UPDT:8303 MW: 420.56 MOLFM: C24-H28-N4-O3

SYN: N-(1-(ANTIPYRINYLCARBAMOYL)PENTYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

1Y55 ipr-mus LD50:3500 mg/kg PCJOAU 16,51,82

CV2345300 BENZAMIDE, N-(1-(ANTIPYRINYLCARBAMOYL)PROPYL)-

UPDT:8303 MW: 392.50 MOLFM: C22-H24-N4-O3

SYN: N-(1-(ANTIPYRINYLCARBAMOYL)-PROPYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

1Y55 ipr-mus LD50:1215 mg/kg PCJOAU 16,51,82

CV2345350 BENZAMIDE, N-ANTIPYRINYL-p-IODO-

UPDT:8303 MW: 433.27 MOLFM: C18-H16-I-N3-O2

SYN: N-ANTIPYRINYL-p-IODOBENZAMIDE

TOXICITY DATA AND REFERENCES:

1Y55 ipr-mus LD50:2665 mg/kg PCJOAU 16,51,82

CV2345370 BENZAMIDE, N-ANTIPYRINYL-m-IODO-N-ISOPROPYL-

UPDT:8303 MW: 475.36 MOLFM: C21-H22-I-N3-O2

SYN: N-ANTIPYRINYL-m-IODO-N-ISOPROPYLBENZAMIDE

TOXICITY DATA AND REFERENCES:

1Y55 ipr-mus LD50:1565 mg/kg PCJOAU 16,51,82

CV2345371 BENZAMIDE, N-ANTIPYRINYL-o-IODO-N-ISOPRO.YL-

UPDT:8303 MW: 475.36 MOLFM: C21-H22-I-N3-O2

SYN: N-ANTIPYRINYL-o-IODO-N-ISOPROPYLBENZAMIDE

TOXICITY DATA AND REFERENCES:

1Y55 ipr-mus LD50:1830 mg/kg PCJOAU 16,51,82

CV2345372 BENZAMIDE, N-ANTIPYRINYL-p-IODO-N-ISOPROPYL-

UPDT:8303 MW: 475.36 MOLFM: C21-H22-I-N3-O2

SYN: N-ANTIPYRINYL-p-IODO-N-ISOPROPYLBENZAMIDE

TOXICITY DATA AND REFERENCES:

1Y55 ipr-mus LD50:1029 mg/kg PCJOAU 16,51,82

CV2345550 BENZAMIDE, N-(1-(BENZENESULFONAMIDO)-2,2,2-TRICHLOROETHYL)-

UPDT:8312 MW: 407.71 MOLFM: C15-H13-Cl3-N2-O3-S

SYN: N-(1-BENZAMINO-2,2,2-TRICHLOROETHYL)BENZENESULFONAMIDE * N-(1-(BENZENESULFONAMIDO)-2,2,2-TRICHLOROETHYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

3F17F25U26 ipr-mus LD50:3000 mg/kg PCJOAU 16,899,82

CV2345950 BENZAMIDE, p-(3-BENZYL-3-METHYL-1-TRIAZENO)-

UPDT:8403 CAS: 59708-24-6 MW: 268.35 MOLFM: C15-H16-N4-O

SYN: p-(3-BENZYL-3-METHYL-1-TRIAZENO)-BENZAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:344 mg/kg JPMSAE 66,1416,77

CV2350000 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-

UPDT:8402 CAS: 4110-66-1 MW: 251.25 MOLFM: C11-H14-N3-O2-P

SYN: BENZOTEF * BENZO.TEP * BENZO.TEPA * BENZOTEPHE * N,BENZOYL-N,N,N',N'-DIETHYLENETRIAMIDE of PHOSPHORIC ACID

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:50 mg/kg PCJOAU 16,626,82

* unk-rbt LDLo:30 mg/kg PCJOAU 6,475,72

CV2350200 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-m-BROMO-

UPDT:8402 MW: 330.15 MOLFM: C11-H13-Br-N3-O2-P

SYN: A-121 * N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-m-BROMOBENZAMIDE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:24 mg/kg PCJOAU 16,626,82

* unk-rbt LDLo:40 mg/kg PCJOAU 6,475,72

CV2350300 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-o-BROMO-

UPDT:8402 MW: 330.15 MOLFM: C11-H13-Br-N3-O2-P

SYN: A-120 * N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-o-BROMOBENZAMIDE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:58 mg/kg PCJOAU 16,626,82

* unk-rbt LDLo:50 mg/kg PCJOAU 6,475,72

CV2351000 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-p-CHLORO-

UPDT:8402 MW: 285.69 MOLFM: C11-H13-Cl-N3-O2-P

SYN: A-20 * N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-p-CHLOROBENZAMIDE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:26 mg/kg PCJOAU 16,626,82

* scu-mus LD50:50 mg/kg 85GDA2 1,263,80

* unk-rbt LDLo:20 mg/kg PCJOAU 6,475,72

CV2351500 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-3,5-DIBROMO-

UPDT:8402 MW: 409.05 MOLFM: C11-H12-Br2-N3-O2-P

SYN: N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-3,5-DIBROMOBENZAMIDE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:100 mg/kg PCJOAU 16,626,82

CV2352000 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-2,5-DIIODO-

UPDT:8402 CAS: 4460-32-6 MW: 503.03 MOLFM: C11-H12-I2-N3-O2-P

SYN: N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-2,5-DIIODOBENZAMIDE * DIIODOBENZOTEPH * DIIODOBENZOTEF * N-2,5-DIIODOBENZOYL-N,N',N',N'-DIETHYLENEPHOSPHORTRIAMIDE * PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-2,5-DIIODOBENZOYL

TOXICITY DATA AND REFERENCES:

1V30 orl-rat LD50:500 mg/kg PCJOAU 12,689,78

ipr-rat LD50:500 mg/kg RPTOAN 41,135,78

1V30 unk-rat LD50:850 mg/kg PCJOAU 16,626,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV2352400 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-3,5-DIIODO-

UPDT:8402 MW: 503.03 MOLFM: C11-H12-I2-N3-O2-P

SYN: N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-3,5-DIIODOBENZAMIDE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:1200 mg/kg PCJOAU 16,626,82

CV2352500 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-m-ETHOXY-

UPDT:8404 MW: 295.31 MOLFM: C13-H18-N3-O3-P

SYN: A-156 * N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-m-ETHOXYBENZAMIDE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:130 mg/kg PCJOAU 16,626,82

CV2353200 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-p-FLUORO-

UPDT:8402 CAS: 726-92-1 MW: 269.24 MOLFM: C11-H13-F-N3-O2-P

SYN: A-23 * BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-4-FLUORO- * FLUOROBENZOTEF * FLUOROBENZOTP * FLUOROBENZOTEPA

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:51 mg/kg PCJOAU 16,626,82

* unk-rbt LCLo:30 mg/kg PCJOAU 6,475,72

BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-4-FLUORO- see: CV2353200

CV2353600 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-m-IODO-

UPDT:8402 MW: 377.14 MOLFM: C11-H13-I-N3-O2-P

SYN: A-105 * N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-m-IODOBENZAMIDE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:31 mg/kg PCJOAU 16,626,82

* unk-rbt LDLo:50 mg/kg PCJOAU 6,475,72

CV2353610 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-o-IODO-

UPDT:8402 MW: 377.14 MOLFM: C11-H13-I-N3-O2-P

SYN: A-103 * N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-o-IODOBENZAMIDE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:74 mg/kg PCJOAU 16,626,82

* unk-rbt LDLo:40 mg/kg PCJOAU 6,475,72

CV2353620 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-p-IODO-

DEF: A nonpolyene antibiotic isolated from a soil streptomycete (JEBA6 21,31,83)

UPDT:8412 MW: 377.14 MOLFM: C11-H13-I-N3-O2-P

SYN: A-19 * N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-p-IODOBENZAMIDE * N-p-IODOBENZOYL-N,N',N',N'-DIETHYLENETRIAMIDE of PHOSPHORIC ACID

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:50 mg/kg PCJOAU 16,626,82

* ivn-mus LD50:572 mg/kg IJEBA6 21,31,83

* unk-rbt LDLo:35 mg/kg PCJOAU 6,475,72

CV2353900 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-m-METHOXY-

UPDT:8402 MW: 281.28 MOLFM: C12-H16-N3-O3-P

SYN: A-157 * N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-m-METHOXYBENZAMIDE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:74 mg/kg PCJOAU 16,626,82

* unk-rbt LDLo:70 mg/kg PCJOAU 6,475,72

CV2353920 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-p-METHOXY-

UPDT:8402 MW: 281.28 MOLFM: C12-H16-N3-O3-P

SYN: A-152 * N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-p-METHOXYBENZAMIDE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:52 mg/kg PCJOAU 16,626,82

* unk-rbt LDLo:70 mg/kg PCJOAU 6,475,72

CV2354750 BENZAMIDE, N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-2,3,5-TRIIODO-

UPDT:8402 MW: 628.92 MOLFM: C11-H11-I3-N3-O2-P

SYN: N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-2,3,5-TRIIODOBENZAMIDE

TOXICITY DATA AND REFERENCES:

1V30 unk-rat LD50:1500 mg/kg PCJOAU 16,626,82

CV2357000 BENZAMIDE, N-(BIS(2-(2,6-DIOXO-4-METHYL-1,2,3,6-TETRAHYDRO-1-PYRIMIDINYL)ETHYL) PHOSPHINYL)-, DISODIUM SALT

UPDT:8408 CAS: 84295-09-0 MW: 549.49 MOLFM: C21-H26-N7-O6-P-2Na

SYN: N-BENZOYL-N,N',N'-BIS(beta-(6-METHYLURACIL-3)ETHYL)TRIAMIDE of PHOSPHORIC ACID DISODIUM SALT

TOXICITY DATA AND REFERENCES:

2F07J24 ipr-mus LD50:1650 mg/kg KHFZAN 16(10),33,82

BENZAMIDE, N-((BIS(TRIMETHYLSILYL)AMINO)THIOXOMETHYL)- see: YS2789000

CV2365800 BENZAMIDE, p-BROMO-

UPDT:8406 CAS: 698-67-9 MW: 200.05 MOLFM: C7-H6-Br-N-O

SYN: p-BROMOBENZAMIDE * 4-BROMOBENZAMIDE * p-BROMOBENZOIC ACID AMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LDLo:400 mg/kg JAPMA8 48,419,59

CV2367500 BENZAMIDE, 3-BROMO-5-CHLORO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-

UPDT:8303 MW: 405.76 MOLFM: C16-H22-Br-Cl-N2-O3

TOXICITY DATA HAVE NOT BEEN EVALUATED

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

SYN: 2-[(3-BROMO-5-CHLORO-2,6-DIMETHOXYBENZAMIDO)METHYL]-1-ETHYLPYRROLIDINE * 3-BROMO-5-CHLORO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

2F07F21 ipr-rat LD50:83998 ug/kg JMCMAR 25,1280,82

CV2367800 BENZAMIDE, 3-BROMO-2,6-DIETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-, MONOHYDROCHLORIDE, (S)-(-)-

UPDT:8303 MW: 435.84 MOLFM: C18-H27-Br-N2-O3-Cl-H

SYN: (S)-(-)-2-[(3-BROMO-2,6-DIETHOXYBENZAMIDO)METHYL]-1-ETHYLPYRROLIDINE HYDROCHLORIDE * (S)-(-)-3-BROMO-2,6-DIETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F07F21 ipr-rat LD50:89777 ug/kg JMCMAR 25,1280,82

CV2369000 BENZAMIDE, 3-BROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-, (S)-(-)-

UPDT:8303 MW: 407.78 MOLFM: C16-H23-Br-N2-O3-Cl-H

SYN: (S)-(-)-2-[(3-BROMO-2,6-DIMETHOXYBENZAMIDO)METHYL]-1-ETHYLPYRROLIDINE HYDROCHLORIDE * (S)-(-)-3-BROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

2F07F21 ipr-rat LD50:324 mg/kg JMCMAR 25,1280,82

CV2369500 BENZAMIDE, 3-BROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-, MONOHYDROCHLORIDE

UPDT:8303 MW: 407.78 MOLFM: C16-H23-Br-N2-O3-Cl-H

SYN: 2-[(3-BROMO-2,6-DIMETHOXYBENZAMIDO)METHYL]-1-ETHYLPYRROLIDINE HYDROCHLORIDE * 3-BROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F07F21 ipr-rat LD50:333 mg/kg JMCMAR 25,1280,82

CV2369600 BENZAMIDE, 3-BROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-, MONOHYDROCHLORIDE, (R)-(+)-

UPDT:8303 MW: 407.78 MOLFM: C16-H23-Br-N2-O3-Cl-H

SYN: (R)-(+)-2-[(3-BROMO-2,6-DIMETHOXYBENZAMIDO)METHYL]-1-ETHYLPYRROLIDINE HYDROCHLORIDE * (R)-(+)-3-BROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F07F21 ipr-rat LD50:285 mg/kg JMCMAR 25,1280,82

CV2442100 BENZAMIDE, p-BUTYLAMINO-N-(2-(DIETHYLAMINO)ETHYL)-, DIHYDROCHLORIDE

UPDT:8305 MW: 364.41 MOLFM: C17-H29-N3-O-2Cl-H

SYN: p-BUTYLAMINO-N-(2-(DIETHYLAMINO)ETHYL)BENZAMIDE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12H02J30 ivn-mus LD50:11 mg/kg JPETAB 123,269,58

CV2442600 BENZAMIDE, N-BUTYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-

UPDT:8403 CAS: 27519-62-6 MW: 308.47 MOLFM: C17-H28-N2-O3

SYN: N-BUTYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)BENZAMIDE

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:105 mg/kg PHARAT 30,638,75

CV2443620 BENZAMIDE, p-(3-BUTYL-3-METHYL-1-TRIAZENO)-

UPDT:8308 CAS: 59708-21-3 MW: 234.34 MOLFM: C12-H18-N4-O

SYN: BENZAMIDE, 4-(3-BUTYL-3-METHYL-1-TRIAZENYL)- * p-(3-BUTYL-3-METHYL-1-TRIAZENO)BENZAMIDE

MUTATION DATA AND REFERENCES:

mma-sat 4 umol/L JMCMAR 22,473,79

CV2443630 BENZAMIDE, p-(3-*tert-BUTYL-3-METHYL-1-TRIAZENO)-

UPDT:8308 CAS: 59708-25-7 MW: 234.34 MOLFM: C12-H18-N4-O

SYN: BENZAMIDE, 4-(3-(1,1-DIMETHYLETHYL)-3-METHYL-1-TRIAZENYL)- * p-(3-tert-BUTYL-3-METHYL-1-TRIAZENO)BENZAMIDE

MUTATION DATA AND REFERENCES:

mma-sat 148 umol/L JMCMAR 22,473,79

BENZAMIDE, 4-(3-BUTYL-3-METHYL-1-TRIAZENYL)- see: CV2443620

BENZAMIDE, 5-CHLORO-N-(2-CHLORO-4-NITROPHENYL)-2-HYDROXY- see: VN8400000

BENZAMIDE, 4-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-2-(2-PROPENYLOXY)-(9CI) see: CU8800000

CV2448700 BENZAMIDE, 3-CHLORO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-, MONOHYDROCHLORIDE, (S)-(-)-

UPDT:8303 MW: 363.32 MOLFM: C16-H23-Cl-N2-O3-Cl-H

SYN: (S)-(-)-2-[(3-CHLORO-2,6-DIMETHOXYBENZAMIDO)METHYL]-1-ETHYLPYRROLIDINE HYDROCHLORIDE * (S)-(-)-3-CHLORO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F07F21 ipr-rat LD50:300 mg/kg JMCMAR 25,1280,82

CV2448800 BENZAMIDE, p-CHLORO-N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)-, HYDROCHLORIDE

UPDT:8303 MW: 367.35 MOLFM: C19-H23-Cl-N2-O-Cl-H

SYN: p-CHLORO-N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)BENZAMIDE HYDROCHLORIDE * 4-DIMETHYLAMINO-1-PHENYL-1-(p-CHLOROBENZOYLAMINO)BUTANE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:122 mg/kg PCJOAU 15,725,81

CV2449072 BENZAMIDE, p-CHLORO-N-(3-(4-(p-FLUOROPHENYL)-1-PIPERAZINYL)-1-METHYLPROPYL)-

UPDT:8411 CAS: 27338-62-1 MW: 389.94 MOLFM: C21-H25-Cl-F-N3-O

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:700 mg/kg GWXX8X #1957371

CV2449850 BENZAMIDE, 4-CHLORO-N-(2-METHYL-1-INDOLINYL)-3-SULFAMOYL-

UPDT:8405 CAS: 26807-65-8 MW: 365.86 MOLFM: C16-H16-Cl-N3-O3-S

SYN: 3-(AMINOSULFONYL)-4-CHLORO-N-(2,3-DIHYDRO-2-METHYL-1H-INDOL-1-YL)BENZAMIDE * BENZAMIDE, 3-(AMINOSULFONYL)-4-CHLORO-N-(2,3-DIHYDRO-2-METHYL-1H-INDOL-1-YL)- (9CI) * 4-CHLORO-N-(2-METHYL-1-INDOLINYL)-3-SULFAMOYLBENZAMIDE * INDAPAMIDE * S 1520 * SE 1520

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T81T86	orl-rat TDLo:270 mg/kg (17-22D preg/21D post)	YACHDS 10,1363,82
1T34	orl-rat TDLo:110 mg/kg (7-17D preg)	YACHDS 10,1337,82
1T46	orl-rat TDLo:1100 mg/kg (7-17D preg)	YACHDS 10,1337,82
1T46	orl-rbt TDLo:260 mg/kg (6-18D preg)	YACHDS 10,1355,82

TOXICITY DATA AND REFERENCES:

3F12F19J22	ivn-rat LD50:460 mg/kg	IYKEDH 12,1110,81
3F12F19J22	ivn-mus LD50:660 mg/kg	IYKEDH 12,1110,81
3F12F19J22	ivn-rbt LD50:337 mg/kg	IYKEDH 12,1110,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZAMIDE, 4-CHLORO-N-METHYL-3-((METHYLAMINO)SULFONYL)-(9CI) see: CV2450000

CV2450000 BENZAMIDE, 4-CHLORO-N-METHYL-3-(METHYLSULFAMOYL)-

UPDT:8403 CAS: 3688-85-5 MW: 262.73 MOLFM: C9-H11-Cl-N2-O3-S

SYN: BENZAMIDE, 4-CHLORO-N-METHYL-3-((METHYLAMINO)SULFONYL)- (9CI) * 4-CHLORO-N-METHYL-3-(METHYLSULFAMOYL)BENZAMIDE * C.I. 456 * CN-36337 * D 1593 * DIAPAMIDE * THIAMIZIDE * TIAMIZID * TIAMIZIDE * VECTREN

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1400 mg/kg	JNDRAK 3,302,63
	orl-mus LD50:2580 mg/kg	JNDRAK 3,302,63
	ipr-mus LD50:520 mg/kg	JNDRAK 3,302,63

BENZAMIDE, N-(((4-CHLOROPHENYL)AMINO)CARBONYL)-2,6-DIFLUORO- see: YS6200000

CV2485000 BENZAMIDE, o-(((CYANOMETHYL)AMINO)-

UPDT:8403 MW: 175.21 MOLFM: C9-H9-N3-O

SYN: o-(((CYANOMETHYL)AMINO)BENZAMIDE

TOXICITY DATA AND REFERENCES:

1F29 orl-mus LD50:531 mg/kg FRPSAX 38,847,83

CV2545000 BENZAMIDE, N-CYCLOHEXYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-

UPDT:8403 CAS: 57494-87-8 MW: 334.51 MOLFM: C19-H30-N2-O3

SYN: N-CYCLOHEXYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)BENZAMIDE

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:98 mg/kg PHARAT 30,638,75

CV3455000 BENZAMIDE, 4-n-DECYLOXY-3,5-DIMETHOXY-

UPDT:8405 CAS: 14817-09-5 MW: 337.51 MOLFM: C19-H31-N-O4

SYN: DECIMAMIDE * 4-(DECYLOXY)-3,5-DIMETHOXYBENZAMIDE * 4-n-DECYLOXY-3,5-DIMETHOXYBENZOIC ACID AMIDE * DENEGYT * EGYT 1050

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1650 mg/kg	27ZQAG -,377,72
	orl-mus LD50:2950 mg/kg	27ZQAG -,377,72

CV3458100 BENZAMIDE, N-(DIAMINOPHOSPHINYL)-4-FLUORO-

UPDT:8305 CAS: 70788-28-2 MW: 217.16 MOLFM: C7-H9-F-N3-O2-P

SYN: N-(DIAMINOPHOSPHINYL)-4-FLUOROBENZAMIDE * EU-4534 * FLUORAMIDA (Spanish) * FLURFAMIDE

TOXICITY DATA AND REFERENCES:

* unk-mus LD50:2125 mg/kg DRFUD4 7,734,82

BENZAMIDE, 3,5-DIBROMO-N-(4-BROMOPHENYL)-2-HYDROXY- see: VN8925000

CV3459020 BENZAMIDE, 3,5-DIBROMO-N-(4-BROMOPHENYL)-2-HYDROXY-, mixt. with 5-BROMO-N-(4-BROMOPHENYL)- 2-HYDROXYBENZAMIDE

UPDT:8309 MW: 821.00 MOLFM: C13-H9-Br2-N-O2 C13-H8-Br3-N-O2

SYN: ASC 4 * DIAPHENE * DIBROMSALAN:TRIBROMSALAN mixt * HILOMID * TRIBROMSALAN:DIBROMSALAN mixt

TOXICITY DATA AND REFERENCES:

* orl-mam LD50:40 mg/kg FMCHA2 -,C75,83

CV3459300 BENZAMIDE, 3,5-DIBROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-, (R)-(+)-

UPDT:8303 MW: 450.22 MOLFM: C16-H22-Br2-N2-O3

SYN: (R)-(+)-2-[(3,5-DIBROMO-2,6-DIMETHOXYBENZAMIDO)METHYL]-1-ETHYLPYRROLIDINE * (R)-(+)-3,5-DIBROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

2F07F21 ipr-rat LD50:71582 ug/kg JMCMAR 25,1280,82

CV3459400 BENZAMIDE, 3,5-DIBROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-, MONOHYDROCHLORIDE

UPDT:8303 MW: 486.68 MOLFM: C16-H22-Br2-N2-O3-Cl-H

SYN: 2-[(3,5-DIBROMO-2,6-DIMETHOXYBENZAMIDO)METHYL]-1-ETHYLPYRROLIDINE HYDROCHLORIDE * 3,5-DIBROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F07F21 ipr-rat LD50:86140 ug/kg JMCMAR 25,1280,82

CV3459450 BENZAMIDE, 3,5-DIBROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-, MONOHYDROCHLORIDE, (S)-(-)-

UPDT:8303 MW: 486.68 MOLFM: C16-H22-Br2-N2-O3-Cl-H

SYN: (S)-(-)-2-[(3,5-DIBROMO-2,6-DIMETHOXYBENZAMIDO)METHYL]-1-ETHYLPYRROLIDINE HYDROCHLORIDE * (S)-(-)-3,5-DIBROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F07F21 ipr-rat LD50:79813 ug/kg JMCMAR 25,1280,82

CV3459600 BENZAMIDE, 3,5-DICHLORO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-

UPDT:8303 MW: 361.30 MOLFM: C16-H22-Cl2-N2-O3

SYN: 2-[(3,5-DICHLORO-2,6-DIMETHOXYBENZAMIDO)METHYL]-1-ETHYLPYRROLIDINE * 3,5-DICHLORO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

2F07F21 ipr-rat LD50:80927 ug/kg JMCMAR 25,1280,82

CV3460000 BENZAMIDE, 3,5-DICHLORO-N-(1,1-DIMETHYL-2-PROPYNYL)-

UPDT:8406 CAS: 23950-58-5 MW: 256.14 MOLFM: C12-H11-Cl2-N-O

SYN: 3,5-DICHLORO-N-(1,1-DIMETHYL-2-PROPYNYL)BENZAMIDE * N-(1,1-DIMETHYLPROPYNYL)-3,5-DICHLOROBENZAMIDE * KERB * KERB 50W * PROMAMIDE * PRONAMIDE * PROPYZAMIDE * RCRA WASTE NUMBER U192 * RH 315

TUMORIGENIC DATA AND REFERENCES:

3V03J60N60	orl-rat TDLo:1092 mg/kg/2Y-C	ENVRAL 23,1,80
3V01L61P62	orl-mus TDLo:65520 mg/kg78W-C	ENVRAL 23,1,80

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:5620 mg/kg	85ARAE 2,217,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV3560000 BENZAMIDE, 3,4-DICHLORO-N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)-

UPDT:8406 MW: 283.75 MOLFM: C16-H12-Cl-N2-O

SYN: 3,4-DICHLORO-N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1000 mg/kg FRPSAX 38,199,83

CV3680000 BENZAMIDE, N-(3,4-DICHLOROPHENYL)-N-((DIMETHYLAMINO)CARBONYL)-

UPDT:8310 CAS: 3134-12-1 MW: 337.22 MOLFM: C16-H14-Cl2-N2-O2

SYN: BENZOMARC * BENZURIDE * BENZURON * N-BENZYL-N-(DICHLORO-3,4-PHENYL)-N,N'-DIMETHYLUREA * N-(3,4-DICHLOROPHENYL)-N-((DIMETHYLAMINO)CARBONYL)BENZAMIDE * PHENOBENZORON * PHENOBENZURON * PP-65-25 * UREA, 1-BENZOYL-1-(3,4-DICHLOROPHENYL)-3,3-DIMETHYL (8CI)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:5000 mg/kg	28ZEAL 5,177,76

CV3850000 BENZAMIDE, 2,6-DICHLOROTHIO-

UPDT:8309 CAS: 1918-13-4 MW: 206.09 MOLFM: C7-H5-Cl2-N-S

SYN: BENZENECARBOTHIOAMIDE, 2,6-DICHLORO- (9CI) * CHLOROTHIAMIDE * CHLORTHIAMID * CHLORTHIAZIDE * CHLORTHIOAMIDE * CHLORTIAMID * DCBN * 2,6-DICHLOROBENZENECARBOTHIOAMIDE * 2,6-DICHLOROTHIOBENZAMIDE * PREFIX * SD 7961 * WL 5792

MUTATION DATA AND REFERENCES:

	cyt-mus-unk 500 mg/kg	TGANAK 14(6),41,80
	cyt-mus-orl 500 mg/kg	CYGEDX 14(6),38,80

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:757 mg/kg	WRPCA2 9,119,70
	skn-rat LD50:1000 mg/kg	WRPCA2 9,119,70
	ipr-rat LD50:242 mg/kg	ATXKA8 23,42,67
1F04	orl-mus LD50:500 mg/kg	ATXKA8 23,42,67
	orl-rbt LD50:300 mg/kg	ATXKA8 23,42,67
	orl-ckn LD50:500 mg/kg	28ZEAL 5,50,76
1F04	orl-dom LDLo:125 mg/kg	ATXKA8 23,42,67

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CV4165000 BENZAMIDE, 2,6-DIETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-, MONOHYDROCHLORIDE

UPDT:8303 MW: 356.94 MOLFM: C18-H28-N2-O3-Cl-H

SYN: 2-[(2,6-DIETHOXYBENZAMIDO)METHYL]-1-ETHYLPYRROLIDINE HYDROCHLORIDE * 2,6-DIETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F07F21 ipr-rat LD50:28552 ug/kg JMCMAR 25,1280,82

CV4202000 BENZAMIDE, N,N-DIETHYL-

UPDT:8309 CAS: 1696-17-9 MW: 177.27 MOLFM: C11-H15-N-O

SYN: BENZOIC ACID DIETHYLAMIDE * BENZOIC ACID N,N-DIETHYLAMIDE * BENZOYLDIETHYLAMINE * N,N-DIETHYLBENZAMIDE * B 2 * REBEMID * RED

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2000 mg/kg FMCHA2 -,C169,83

BEST COPY AVAILABLE

* orl-mus LD50:780 mg/kg MPPBAB 47,77,78
* ihl-mus LC50:142 gm/m3 MPPBAB 47,77,78
* skn-mus LD50:1700 mg/kg MPPBAB 47,77,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CV4202800 BENZAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-
UPDT:8306 CAS: 3690-53-7 MW: 220.35 MOLFM: C13-H20-N2-O
SYN: N-(2-(DIETHYLAMINO)ETHYL)BENZAMIDE * GC-30

TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LDLo:200 mg/kg APFRAD 35,135,77

BENZAMIDE, N-(1-(((2-(DIETHYLAMINO)ETHYL)AMINO)CARBONYL)-2-(4-METHOXYPHENYL)ETHENYL)-(9CI) see: GD6995500

BENZAMIDE, N-(1-(((2-(DIETHYLAMINO)ETHYL)AMINO)CARBONYL)-2-(3,4,5-TRIMETHOXYPHENYL)ETHENYL)- see: GD7000000

CV4239000 BENZAMIDE, N-(3-(DIETHYLAMINO)PROPYL)-p-HYDROXY-
UPDT:8306 MW: 250.38 MOLFM: C14-H22-N2-O2
SYN: N-(3-(DIETHYLAMINO)PROPYL)-p-HYDROXYBENZAMIDE * p-HYDROXY-N-(3-DIETHYLAMINOPROPYL)BENZAMIDE * PP

TOXICITY DATA AND REFERENCES:
1G30 ipr-mus LD50:220 mg/kg PSEBAA 169,136,82

CV4348300 BENZAMIDE, N,N-DIETHYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-
UPDT:8403 CAS: 57494-88-9 MW: 308.47 MOLFM: C17-H28-N2-O3
SYN: N,N-DIETHYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)BENZAMIDE

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:155 mg/kg PHARAT 30,638,75

BENZAMIDE, N,N-DIETHYL-3-METHYL- see: XS3675000

CV4349800 BENZAMIDE, N,N-DIETHYL-p-(3-(MORPHOLINOFORMIMIDOYL)GUANIDINO)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 382.95 MOLFM: C17-H26-N6-O2-Cl-H
SYN: BIGUANIDE, 1-(p-N,N-DIETHYLCARBAMOYLPHENYL)-5,5-(ANHYDROBIS-(beta-HYDROXYETHYL)) * N,N-DIETHYL-p-(3-(MORPHOLINOFORMIMIDOYL'GUANIDINO)BENZAMIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:220 mg/kg JAJAAA 18,196,65

CV4362000 BENZAMIDE, 2,6-DIISOPROPOXY-N-(-1-ETHYL-2-PYRROLIDINYLMETHYL)-, MONOHYDROCHLORIDE
UPDT:8310 MW: 385.00 MOLFM: C20-H32-N2-O3-Cl-H
SYN: 2,6-DIISOPROPOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F07F21 ipr-rat LD50:61593 ug/kg JMCMAR 25,1280,82

CV4597000 BENZAMIDE, N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)-, HYDROCHLORIDE
UPDT:8303 MW: 332.91 MOLFM: C19-H24-N2-O-Cl-H
SYN: 1-DIMETHYLAMINO-4-PHENYL-4-BENZOYLAMINOBUTANE HYDROCHLORIDE * N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:112 mg/kg PCJOAU 13,725,81
* ivn-mus LD50:67 mg/kg PCJOAU 15,725,81

CV4597600 BENZAMIDE, N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)-m-NITRO-, HYDROCHLORIDE
UPDT:8303 MW: 377.91 MOLFM: C19-H23-N3-O3-Cl-H
SYN: N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)-m-NITRO-BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:262 mg/kg PCJOAU 13,725,81
* ivn-mus LD50:196 mg/kg PCJOAU 15,725,81

BENZAMIDE, 4-(3-(1,1-DIMETHYLETHYL)-3-METHYL-1-TRIAZENYL)- see: CV2443630

CV4705000 BENZAMIDE, N,N-DIMETHYL-3,4-METHYLENEDIOXYTHIO-
UPDT:8403 MW: 209.28 MOLFM: C10-H11-N-O2-S
SYN: 1,3-BENZODIOXOLE-5-CARBOXAMIDE, N,N-DIMETHYLTHIO- * N,N-DIMETHYL-3,4-METHYLENEDIOXYTHIOBENZAMIDE * DIMETILAMIDE dell'ACIDO 3,4-METILENDIOSSITIOBENZOICO (Italian)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:79 mg/kg FRPSAX 39,811,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV4751900 BENZAMIDE, m-(3,3-DIMETHYLTRIAZENO)-
UPDT:8306 CAS: 36120-57-7 MW: 192.25 MOLFM: C9-H12-N4-O
SYN: BENZAMIDE, 3-(3,3-DIMETHYL-1-TRIAZENYL)- (9CI) * 1-(3-CARBOXYLAMIDOPHENYL)-3,3-DIMETHYLTRIAZENE * m-(3,3-DIMETHYLTRIAZENO)BENZAMIDE * 3-(3,3-DIMETHYL-1-TRIAZENYL)BENZAMIDE * 1-(3-KARBOXYLAMIDOFENYL)-3,3-DIMETHYLTRIAZENU (Czech) * 1-(3-KARBOXYLAMIDOPHENYL)-3,3-DIMETHYLTRIAZEN (German)

MUTATION DATA AND REFERENCES:
mma-sat 309 umol/L JMCMAR 22,473,79

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:54 mg/kg CKFRAY 27,384,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV4751920 BENZAMIDE, p-(3,3-DIMETHYLTRIAZENO)-
UPDT:8306 CAS: 33330-91-5 MW: 192.25 MOLFM: C9-H12-N4-O
SYN: BENZAMIDE, 4-(3,3-DIMETHYL-1-TRIAZENYL)- (9CI) * 1-(4-CARBOXYLAMIDOPHENYL)-3,3-DIMETHYLTRIAZINE * p-(3,3-DIMETHYLTRIAZENO)BENZAMIDE * 4-(3,3-DIMETHYL-1-TRIAZENYL)BENZAMIDE * 1-(4-KARBOXYLAMIDOFENYL)-3,3-DIMETHYLTRIAZENU (Czech) * 1-(4-KARBOXYLAMIDOPHENYL)-3,3-DIMETHYLTRIAZEN (German)

MUTATION DATA AND REFERENCES:
mma-sat 91 umol/L JMCMAR 22,473,79

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:54 mg/kg CKFRAY 27,384,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZAMIDE, 3-(3,3-DIMETHYL-1-TRIAZENYL)- (9CI) see: CV4751900

BENZAMIDE, 4-(3,3-DIMETHYL-1-TRIAZENYL)- (9CI) see: CV4751920

CV4870000 BENZAMIDE, ar-ETHOXY-
UPDT:8406 CAS: 27043-22-7 MW: 165.21 MOLFM: C9-H11-N-O2
SYN: ETHOXYBENZAMIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1330 mg/kg OYYAA2 16,549,78

CV4900000 BENZAMIDE, o-ETHOXY-
UPDT:8405 CAS: 938-73-8 MW: 165.21 MOLFM: C9-H11-N-O2
SYN: ANOVIGAM * BENZAMIDE, 2-ETHOXY- (9CI) * ETAMIDE * ETHENZAMIDE * ETHENZAMID * ETHENZAMIDE * ETHOSALICYL * o-ETHOXYBENZAMIDE * 2-ETHOXYBENZAMIDE * ETOCIL * ETOSALICIL * ETOSALICYL * EUSAL * H.P. 209 * KATAGRIPPE * LINDATOR * LUCAMIDE * PIROSOLVINA * PROTOPYRIN * TRANCALGYL

MUTATION DATA AND REFERENCES:
cyt-ham:lng 500 mg/L/48H GMCRDC 27,95,81
cyt-ham:fbr 500 mg/L ESKHA5 96,55,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2630 mg/kg ARZNAD 10,820,60
orl-mus LD50:1160 mg/kg TXAPA9 19,20,71
ipr-mus LD50:400 mg/kg JPPMAB 4,872,52
orl-rbt LDLo:1500 mg/kg ARZNAD 10,820,60

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENZAMIDE, 2-ETHOXY- (9CI) see: CV4900000

CV4903000 BENZAMIDE, 2-ETHOXY-, mixt. with 1,2-DIHYDRO-1,5-DIMETHYL-4-(1-METHYLETHYL)-2-PHENYL-3H-PYRAZOL-3-ONE and 3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE HYDRATE (3:5:1)
UPDT:8403 CAS: 8246-4-70-8 MW: 607.79 MOLFM: C14-H18-N2-O.C9-H11-N-O2.C8-H10-N4-O2.H2-O
SYN: ISOPROPYLANTIPYRINE mixed with ETHENZAMIDE and CAFFEINE MONOHYDRATE (3:5:1) * Ro 04-7683

TOXICITY DATA AND REFERENCES:
3F12F19J25 orl-mus LD50:1250 mg/kg YACHDS 10,1407.82
3F12F19J25 ipr-mus LD50:405 mg/kg YACHDS 10,1407.82
3F12F19J25 scu-mus LD50:1400 mg/kg YACHDS 10,1407.82

CV4911500 BENZAMIDE, 2-ETHOXY-N-(p-METHYLBENZYL)-
UPDT:8408 CAS: 69343-37-9 MW: 269.37 MOLFM: C17-H19-N-O2
SYN: BENZAMIDE, 2-ETHOXY-N-((4-METHYLPHENYL)METHYL)- (10CI) * 2-ETHOXY-N-(p-METHYLBENZYL)BENZAMIDE * N-p-METHYLBENZYL-o-ETHOXYBENZAMIDE * RO-4

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1345 mg/kg IJEBA6 16,1169.78
* ipr-mus LD50:1180 mg/kg IJEBA6 16,1169.78

BENZAMIDE, 2-ETHOXY-N-((4-METHYLPHENYL)METHYL)- (10CI) see: CV4911500 BENZAMIDE, 2-ETHOXY-N-(p-METHYLBENZYL)-

CV4913000 BENZAMIDE, 2-ETHOXY-N-(1-PHENYLBUTYL)-
UPDT:8408 CAS: 69343-38-0 MW: 297.43 MOLFM: C19-H23-N-O2
SYN: 2-ETHOXY-N-(1-PHENYLBUTYL)BENZAMIDE * RO-7

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1420 mg/kg IJEBA6 16,1169.78
* ipr-mus LD50:1210 mg/kg IJEBA6 16,1169.78

BENZAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-(ETHYLSULFONYL)-2-METHOXY- see: BZ3390000

CV4950000 BENZAMIDE, N-FLOUREN-2-YL-
UPDT:8401 CAS: 3671-78-1 MW: 285.36 MOLFM: C20-H15-N-O
SYN: BENZAMIDE, N-9H-FLUOREN-2-YL- (9CI) * N-FLOUREN-2-YLBENZAMIDE * N-(2-FLUORENYL)BENZAMIDE

MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate BBRCA9 71,1201,76

TUMORIGENIC DATA AND REFERENCES:
2V03V10 ipr-rat TDLo:540 mg/kg/4W-I CNREAB 27,1443,67
2V03R60 ipr-rat TD:540 mg/kg/4W-I NATUAS 209,202,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZAMIDE, N-9H-FLUOREN-2-YL- (9CI) see: CV4950000

CV4960000 BENZAMIDE, p-FLUORO-N-(3-(4-(p-FLUOROPHENYL)-1-PIPERAZINYL)-1-METHYLPROPYL)-
UPDT:8411 CAS: 27338-61-0 MW: 373.49 MOLFM: C21-H25-F2-N3-O

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg GWXXBX #1957371

CV5047000 BENZAMIDE, N-HEXYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-
UPDT:8403 CAS: 57494-86-7 MW: 336.53 MOLFM: C19-H32-N2-O3
SYN: N-HEXYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)BENZAMIDE

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:45 mg/kg PHARAT 30,638,75

BENZAMIDE, o-HYDROXY- see: VN6475000

BENZAMIDE, 2-HYDROXY- see: VN6475000

BENZAMIDE, N-HYDROXY- see: DF9650000

CV5376000 BENZAMIDE, 2-HYDROXY-5-(1-HYDROXY-2-((1-METHYL-3-PHENYLPROPYL)AMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8411 CAS: 32780-64-6 MW: 364.91 MOLFM: C19-H24-N2-O3-Cl-H
SYN: AH 5158A * 5-(1-HYDROXY-2-((1-METHYL-3-PHENYLPROPYL)AMINO)ETHYL)SALICYLAMIDE HYDROCHLORIDE * LABETALOL HYDROCHLORIDE * PRESOLATE * SALICYLAMIDE, 5-(1-HYDROXY-2-((1-METHYL-3-PHENYLPROPYL)AMINO)ETHYL)-, HYDROCHLORIDE * SCH 15719W * TRANDATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T21 orl-rat TDLo:3150 mg/kg (63D male) YACHDS 9,839.81
1T81 orl-rat TDLo:1 gm/kg (17-22D preg:14D post) YACHDS 9,879.81
2T31T35 orl-rat TDLo:3850 mg/kg (7-17D preg) YACHDS 9,851.81
1T34 orl-rat TDLo:1650 mg/kg (7-17D preg) YACHDS 9,851.81
1T46 orl-rat TDLo:550 mg/kg (7-17D preg) YACHDS 9,851.81
1T71 orl-rat TDLo:1800 mg/kg (17-22D preg) YACHDS 9,879.81
1T46 orl-rbt TDLo:650 mg/kg (6-18D preg) YACHDS 9,869.81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg HOIZAK 53,15,78
ipr-rat LD50:107 mg/kg HOIZAK 53,15,78
ivn-rat LD50:53 mg/kg HOIZAK 53,15,78
orl-mus LD50:1450 mg/kg HOIZAK 53,15,78
ipr-mus LD50:114 mg/kg HOIZAK 53,15,78
ivn-mus LD50:47 mg/kg HOIZAK 53,15,78
orl-rbt LD50:1250 mg/kg HOIZAK 53,15,78
ivn-rbt LD50:41 mg/kg HOIZAK 53,15,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV5376200 BENZAMIDE, 2-HYDROXY-N-((4-HYDROXY-1-PHENETHYL-4-PIPERIDINYL)METHYL)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 23552-58-3 MW: 390.95 MOLFM: C21-H26-N2-O3-Cl-H

TOXICITY DATA AND REFERENCES:
3F18F33J22 ipr-rat LD50:157 mg/kg ARZNAD 26,516,76
3F18F33J22 ipr-mus LD50:251 mg/kg ARZNAD 26,516,76

CV5378000 BENZAMIDE, 4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-
UPDT:8403 CAS: 34275-02-0 MW: 252.35 MOLFM: C13-H20-N2-O3
SYN: 4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)BENZAMIDE

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:172 mg/kg PHARAT 30,638,75

CV5378500 BENZAMIDE, 4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-N-METHYL-
UPDT:8403 CAS: 27519-57-9 MW: 266.38 MOLFM: C14-H22-N2-O3
SYN: 4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-N-METHYLBENZAMIDE

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:190 mg/kg PHARAT 30,638,75

CV5427000 BENZAMIDE, o-(ISOPROPYLAMINO)-
UPDT:8403 MW: 178.26 MOLFM: C10-H14-N2-O
SYN: o-(ISOPROPYLAMINO)BENZAMIDE

TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1722 mg/kg FRPSAX 38,847,83

BENZAMIDE, 4-((METHYLAZO)METHYL)-N-(1-METHYLETHYL)- see: XS4375000

BENZAMIDE, 2-METHYL-3,5-DINITRO- see: XS4200000

BENZAMIDE, N-(1-METHYLETHYL)-4-((2-METHYLHYDRAZINO)METHYL)- (9CI) see: XS4450000

BENZAMIDE, N-(1-METHYLETHYL)-4-((2-METHYLHYDRAZINO)METHYL)-, MONOHYDROCHLORIDE see: XS4725000

CV5581700 BENZAMIDE, 2-METHYL-N-(3-(1-METHYLETHOXY)PHENYL)-
UPDT:8309 CAS: 55814-41-0 MW: 269.37 MOLFM: C17-H19-N-O2

BEST COPY AVAILABLE

SYN: BASITAC * 3-ISOPROPOXY-2-METHYLBENZANILIDE * MEPRONIL * MEPRONIL (PESTICIDE) * 2-METHYL-N-(3-(1-METHYLETHOXY)PHENYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

* unk-rat LD50:10 gm/kg — FMCHA2 -,C149,83

CV5585350 BENZAMIDE, N-METHYL-N-NITROSO-

UPDT:8401 MW: 164.18 MOLFM: C8-H8-N2-O2

SYN: N-METHYL-N-NITROSOBENZAMIDE * MNB

MUTATION DATA AND REFERENCES:

mmo-sat 340 nmol/L — MUREAV 48,131,77

TUMORIGENIC DATA AND REFERENCES:

2V01K60 orl-rat TDLo:2800 mg/kg:52W-I — JJIND8 62,1523,79

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:70 mg/kg — JJIND8 62,1523,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZAMIDE, 4-(3-METHYL-3-(2-PROPENYL)-1-TRIAZENYL)- see: CU8765000

CV5598100 BENZAMIDE, N-METHYLTHIO-

UPDT:8406 CAS: 5310-14-5 MW: 151.24 MOLFM: C8-H9-N-S

SYN: BENZENECARBOTHIOAMIDE, N-METHYL- (9CI) * N-METHYLTHIOBENZAMIDE

TOXICITY DATA AND REFERENCES:

2J15J17 ipr-rat LD50:48 mg/kg — TXCYAC 23,85,82

2J15J17 ipr-mus LD50:34 mg/kg — TXCYAC 23,85,82

BENZAMIDE, 4-NITRO-N-(5,6,7,9-TETRAHYDRO-1,2,3,10-TETRAMETHOXY-9-OXOBENZO(a)HEPTALEN-7-YL)- see: GH0820000 COLCHICINE, N-DEACETYL-N-(p-NITROBENZOYL)-

CV5625000 BENZAMIDE, N-(5-NITRO-2-THIAZOLYL)-

UPDT:8402 MW: 249.26 MOLFM: C10-H7-N3-O3-S

SYN: N-(5-NITROTHIAZOL-2-YL)BENZAMIDE

MUTATION DATA AND REFERENCES:

mmo-sat 10 umol/L — MUREAV 118,153,83

mma-klp 100 umol/L — MUREAV 118,153,83

CV5647000 BENZAMIDE, N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)-

UPDT:8406 MW: 266.32 MOLFM: C16-H14-N2-O2

SYN: N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:500 mg/kg — FRPSAX 38,199,83

CV5783000 BENZAMIDE, N-(1-(PIPERIDINOCARBONYL)-2-(3-PYRIDYL)VINYL)-

UPDT:8312 MW: 335.44 MOLFM: C20-H21-N3-O2

SYN: alpha-BENZOYLAMINO-beta-(3-PYRIDYL)ACRYLIC ACID PIPERIDIDE * N-(1-(PIPERIDINOCARBONYL)-2-(3-PIPERIDYL)VINYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

3F05F07F21 ipr-mus LD50:476 mg/kg — JPMSAE 50,602,61

CV5783010 BENZAMIDE, N-(1-(PIPERIDINOCARBONYL)-2-(4-PYRIDYL)VINYL)-

UPDT:8312 MW: 335.44 MOLFM: C20-H21-N3-O2

SYN: alpha-BENZOYLAMINO-beta-(4-PYRIDYL)ACRYLIC ACID PIPERIDIDE * N-(1-(PIPERIDINOCARBONYL)-2-(4-PYRIDYL)VINYL)BENZAMIDE

TOXICITY DATA AND REFERENCES:

1F12 ipr-mus LD50:74 mg/kg — JPMSAE 50,602,61

CV5792600 BENZAMIDE, N-(3-PIPERIDYL)-3,4,5-TRIMETHOXY-

UPDT:8408 MW: 294.39 MOLFM: C15-H22-N2-O4

SYN: KU-54 * 3-(3,4,5-TRIMETHOXYBENZAMIDO)PIPERIDINE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2100 mg/kg — OYYAA2 19,485,80

* orl-mus LD50:2 gm/kg — OYYAA2 19,485,80

CV5858000 BENZAMIDE, N-((1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHIN-3-YL)METHYL)-, HYDROCHLORIDE

UPDT:8305 CAS: 74626-44-1 MW: 525.09 MOLFM: C29-H32-N2-O5-Cl-H

SYN: N-((1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHIN-3-YL)METHYL)BENZAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F05J30 ipr-mus LD50:440 mg/kg — APPBDI 5,3,79

CV5860000 BENZAMIDE, THIO-

UPDT:8412 CAS: 2227-79-4 MW: 137.21 MOLFM: C7-H7-N-S

SYN: BENZENECARBOTHIOAMIDE * BENZOTHIAMIDE * BENZOTHIOAMIDE * THIOBENZAMIDE * TIOBENZAMIDE (Italian)

TUMORIGENIC DATA AND REFERENCES:

3V03L50L60 orl-rat TDLo:6300 mg/kg/15W-C — BSIBAC 54,1027,78

2V03L60 orl-rat TD:13 gm/kg/38W-C — ARTODN 55,34,84

2V03L60 orl-rat TD:13 gm/kg/38W-C — ARTODN 55,34,84

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:500 mg/kg — PCJOAU 11,1383,77

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV6125600 BENZAMIDINE, p-AMINO-

UPDT:8401 CAS: 3858-83-1 MW: 135.19 MOLFM: C7-H9-N3

SYN: ABD * p-AMINOBENZAMIDINE * 4-AMINOBENZAMIDINE * BENZENECARBOXIMIDAMIDE, 4-AMINO- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 imp-mus TDLo:194 mg/kg (2D pre) — CCPTAY 26,137,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV6132000 BENZAMIDINE, o-CHLORO-N-(p-CHLOROPHENYL)-

UPDT:8306 CAS: 23564-71-8 MW: 265.15 MOLFM: C13-H10-Cl2-N2

SYN: BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(4-CHLOROPHENYL)- * o-CHLORO-N-(p-CHLOROPHENYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2100 mg/kg — APFRAD 30,735,72

CV6134200 BENZAMIDINE, o-CHLORO-N-(2,5-DIMETHOXYPHENYL)-

UPDT:8306 CAS: 23564-78-5 MW: 290.77 MOLFM: C15-H15-Cl-N2-O2

SYN: BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(2,5-DIMETHOXYPHENYL)- * o-CHLORO-N-(2,5-DIMETHOXYPHENYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:380 mg/kg — APFRAD 30,735,72

CV6134400 BENZAMIDINE, o-CHLORO-N-(m-FLUOROPHENYL)-

UPDT:8306 CAS: 23564-72-9 MW: 248.70 MOLFM: C13-H10-Cl-F-N2

SYN: BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(3-FLUOROPHENYL)- * o-CHLORO-N-(m-FLUOROPHENYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:350 mg/kg — APFRAD 30,735,72

CV6136000 BENZAMIDINE, o-CHLORO-N-(o-METHOXYPHENYL)-

UPDT:8306 CAS: 23564-73-0 MW: 260.74 MOLFM: C14-H13-Cl-N2-O

SYN: BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(2-METHOXYPHENYL)- * o-CHLORO-N-(o-METHOXYPHENYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:200 mg/kg — APFRAD 30,735,72

CV6136100 BENZAMIDINE, o-CHLORO-N-(p-METHOXYPHENYL)-

UPDT:8306 CAS: 23564-74-1 MW: 260.74 MOLFM: C14-H13-Cl-N2-O

SYN: BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(4-METHOXYPHENYL)- * o-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:500 mg/kg — APFRAD 30,735,72

CV6136300 BENZAMIDINE, o-CHLORO-N-1-NAPHTHYL-

UPDT:8306 CAS: 23564-75-2 MW: 280.77 MOLFM: C17-H13-Cl-N2

SYN: BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-1-NAPHTHALENYL- * o-CHLORO-N-1-NAPHTHYLBENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:650 mg/kg — APFRAD 30,735,72

CV6136400 BENZAMIDINE, o-CHLORO-N-2-NAPHTHYL-

UPDT:8307 CAS: 23564-76-3 MW: 280.77 MOLFM: C17-H13-Cl-N2

SYN: BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-2-NAPHTHALENYL- * o-CHLORO-N-2-NAPHTHYLBENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:800 mg/kg — APFRAD 30,735,72

CV6136800 BENZAMIDINE, o-CHLORO-N-PHENYL-

UPDT:8306 CAS: 23564-81-0 MW: 230.71 MOLFM: C13-H11-Cl-N2

SYN: BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-PHENYL- * o-CHLORO-N-PHENYLBENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:230 mg/kg — APFRAD 30,735,72

CV6137200 BENZAMIDINE, N-(3-CHLORO-p-TOLYL)-

UPDT:8306 CAS: 23557-79-1 MW: 244.74 MOLFM: C14-H13-Cl-N2

SYN: BENZENECARBOXIMIDAMIDE, N-(3-CHLORO-4-METHYLPHENYL)- * N-(3-CHLORO-p-TOLYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:290 mg/kg — APFRAD 30,735,72

CV6137300 BENZAMIDINE, o-CHLORO-N-p-TOLYL-

UPDT:8307 CAS: 23564-83-2 MW: 244.74 MOLFM: C14-H13-Cl-N2

SYN: BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(4-METHYLPHENYL)- * o-CHLORO-N-p-TOLYLBENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:375 mg/kg — APFRAD 30,735,72

CV6137400 BENZAMIDINE, o-CHLORO-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-

UPDT:8306 CAS: 23573-57-1 MW: 298.77 MOLFM: C14-H10-Cl-F3-N2

SYN: BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(3-(TRIFLUOROMETHYL)PHENYL)- * o-CHLORO-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LDLo:1000 mg/kg — APFRAD 30,735,72

CV6137500 BENZAMIDINE, o-CHLORO-N-(3,4,5-TRIMETHOXYPHENYL)-

UPDT:8306 CAS: 23564-80-9 MW: 320.80 MOLFM: C16-H17-Cl-N2-O3

SYN: BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(3,4,5-TRIMETHOXYPHENYL)- * o-CHLORO-N-(3,4,5-TRIMETHOXYPHENYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:450 mg/kg — APFRAD 30,735,72

CV6142600 BENZAMIDINE, N-(3,4-DICHLOROPHENYL)-

UPDT:8306 CAS: 23557-81-5 MW: 229.70 MOLFM: C13-H10-Cl-N2

SYN: BENZENECARBOXIMIDAMIDE, N-(3,4-DICHLOROPHENYL)- * N-(3,4-DICHLOROPHENYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:700 mg/kg — APFRAD 30,735,72

CV6145000 BENZAMIDINE, N-(2-DIETHYLAMINOETHYL)-4-ETHOXY-, DIHYDROCHLORIDE, HYDRATE

UPDT:8308 CAS: 62979-88-8 MW: 354.37 MOLFM: C15-H25-N3-O-2Cl-H-H2-O

SYN: BENZENECARBOXIMIDAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-4-ETHOXY-, DIHYDROCHLORIDE HYDRATE (9CI) * N-(2-DIETHYLAMINOETHYL)-4-ETHOXYBENZAMIDINE DIHYDROCHLORIDE HYDRATE * PPR 515

TOXICITY DATA AND REFERENCES:

3F12F19J30 orl-mus LD50:5000 mg/kg — THERAP 32,501,77

ipr-mus LD50:430 mg/kg — EJMCA5 11,513,76

CV6155000 BENZAMIDINE, N-(2-DIETHYLAMINOETHYL)-4-ISOPROPOXY-

UPDT:8308 CAS: 62979-94-6 MW: 277.40 MOLFM: C16-H27-N3-O

SYN: BENZENECARBOXIMIDAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-4-(1-METHYLETHOXY)- (9CI) * N-(2-DIETHYLAMINOETHYL)-4-ISOPROPOXYBENZAMIDINE * PPR 493

TOXICITY DATA AND REFERENCES:

3F12F19J30 orl-mus LD50:5000 mg/kg — THERAP 32,501,77

ipr-mus LD50:310 mg/kg — EJMCA5 11,513,76

CV6175000 BENZAMIDINE, N-(2-DIETHYLAMINOETHYL)-4-PROPOXY-, DIHYDROCHLORIDE

UPDT:8308 CAS: 62979-91-3 MW: 350.38 MOLFM: C16-H27-N3-O-2Cl-H

SYN: BENZENECARBOXIMIDAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-4-PROPOXY-, DIHYDROCHLORIDE (9CI) * N-(2-DIETHYLAMINOETHYL)-4-PROPOXYBENZAMIDINE DIHYDROCHLORIDE * PPR 492

TOXICITY DATA AND REFERENCES:

3F12F19J30 orl-mus LD50:1480 mg/kg — THERAP 32,501,77

ipr-mus LD50:203 mg/kg — EJMCA5 11,513,76

CV6184000 BENZAMIDINE, N-(2,5-DIMETHOXYPHENYL)-

UPDT:8306 CAS: 23557-80-4 MW: 256.33 MOLFM: C15-H16-N2-O2

SYN: BENZENECARBOXIMIDAMIDE, N-(2,5-DIMETHOXYPHENYL)- * N-(2,5-DIMETHOXYPHENYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:320 mg/kg — APFRAD 30,735,72

CV6185000 BENZAMIDINE, N-(2-DIMETHYLAMINOETHYL)-4-ETHOXY-, DIHYDROCHLORIDE

UPDT:8312 CAS: 66902-35-0 MW: 308.29 MOLFM: C13-H21-N3-O-2Cl-H

SYN: N-(2-DIMETHYLAMINOETHYL)-4-ETHOXYBENZAMIDINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:365 mg/kg — EJMCA5 11,513,76

CV6195000 BENZAMIDINE, N-(2-DIMETHYLAMINOETHYL)-4-ISOPROPOXY-, DIHYDROCHLORIDE

UPDT:8312 CAS: 66842-89-5 MW: 322.32 MOLFM: C14-H23-N3-O-2Cl-H

SYN: N-(2-DIMETHYLAMINOETHYL)-4-ISOPROPOXYBENZAMIDINE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:310 mg/kg — EJMCA5 11,513,76

CV6205000 BENZAMIDINE, N-(2-DIMETHYLAMINOETHYL)-4-METHOXY-, DIHYDROCHLORIDE

UPDT:8312 CAS: 67011-67-6 MW: 294.26 MOLFM: C12-H19-N3-O-2Cl-H

SYN: N-(2-DIMETHYLAMINOETHYL)-4-METHOXYBENZAMIDINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:495 mg/kg — EJMCA5 11,513,76

CV6253000 BENZAMIDINE, N-(m-FLUOROPHENYL)-

UPDT:8306 CAS: 21719-87-9 MW: 214.26 MOLFM: C13-H11-F-N2

SYN: BENZENECARBOXIMIDAMIDE, N-(3-FLUOROPHENYL)- * N-(m-FLUOROPHENYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:760 mg/kg — APFRAD 30,735,72

CV6264000 BENZAMIDINE, N-(o-HYDROXYPHENYL)-

UPDT:8306 CAS: 23564-70-7 MW: 212.27 MOLFM: C13-H12-N2-O

SYN: BENZENECARBOXIMIDAMIDE, N-(2-HYDROXYPHENYL)- * N-(o-HYDROXYPHENYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:250 mg/kg — APFRAD 30,735,72

CV6283000 BENZAMIDINE, N-(o-METHOXYPHENYL)-

UPDT:8306 CAS: 23557-77-9 MW: 226.30 MOLFM: C14-H14-N2-O

SYN: BENZENECARBOXIMIDAMIDE, N-(2-METHOXYPHENYL)- * N-(o-METHOXYPHENYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:290 mg/kg — APFRAD 30,735,72

CV6500000 BENZAMIDINE, 4,4'-(PENTAMETHYLENEDIOXY)DI-, BIS(beta-HYDROXYETHANESULFONATE)

UPDT:8308 CAS: 140-64-7 MW: 592.75 MOLFM: C19-H24-N4-O2-C4-H12-O8-S2

SYN: DIAMIDINE * 4,4-DIAMIDINODIPHENOXYPENTANE DI(beta-HYDROXYETHANESULFONATE) * 4,4-DIAMIDINO-alpha,omega-DIPHENOXYPENTANE ISETHIONATE * LOMIDIN * LOMIDINE * LOMIDINE ISOETHIONATE * M & B 800 * p,p'-(PENTAMETHYLENEDIOXY)DIBENZAMIDINE BIS(beta-HYDROXYETHANESULFONATE) * PENTAMIDINE DISETHIONATE * PENTAMIDINE ISETHIONATE * 2512 R.P. * R.P. 2512 * USAF XR-10

TOXICITY DATA AND REFERENCES:

2P01R03 ims-wmn TDLo:6 mg/kg:D — CANCAR 34,441,74

TOXICITY DATA HAVE NOT BEEN EVALUATED.

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

2F12J30 ipr-mus LD50:63 mg/kg ANTCAO 2,581,52
2F12J30 scu-mus LD50:120 mg/kg ANTCAO 2,581,52
2F12J30 ivn-mus LD50:15100 ug/kg ANTCAO 2,581,52

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV6550000 BENZAMIDINE, 4-PROPOXY-N-(2-(1-PYRROLIDINYL)ETHYL)-, DIHYDROCHLORIDE
UPDT:8308 CAS: 62979-92-4 MW: 348.36 MOLFM: C16-H25-N3-O 2Cl-H
SYN: BENZENECARBOXIMIDAMIDE, 4-PROPOXY-N-(2-(1-PYRROLIDINYL)ETHYL)-, DICHLORIDE (9CI) * PPR 497 * 4-PROPOXY-N-(2-PYRROLIDINYLETHYL)BENZAMIDINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F19J30 orl-mus LD50:2400 mg/kg THERAP 32,501,77
ipr-mus LD50:185 mg/kg EJMCA5 11,513,76

BENZAMIDE, N-(5,6,7,9-TETRAHYDRO-1,2,3,10-TETRAMETHOXY-9-OXOBENZO(a)HEPTALEN-7-YL)-, (S)- see: GH0790000 COLCHICINE, N-DEACETYL-N-BENZOYL-

CV6565000 BENZAMIDINE, N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
UPDT:8306 CAS: 23557-76-8 MW: 264.27 MOLFM: C14-H11-F3-N2
SYN: BENZENECARBOXIMIDAMIDE, N-(3-(TRIFLUOROMETHYL)PHENYL)- * N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:530 mg/kg APFRAD 30,735,72

CV6570000 BENZAMIDINE, N-(3,4,5-TRIMETHOXYPHENYL)-
UPDT:8306 CAS: 23557-83-7 MW: 286.36 MOLFM: C16-H18-N2-O3
SYN: BENZENECARBOXIMIDAMIDE, N-(3,4,5-TRIMETHOXYPHENYL)- * N-(3,4,5-TRIMETHOXYPHENYL)BENZAMIDINE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:190 mg/kg APFRAD 30,735,72

CV6580000 BENZAMIDINE, 4,4'-(TRIMETHYLENEDIOXY)DI-, DIHYDROCHLORIDE
UPDT:8308 CAS: 6275-69-0 MW: 385.33 MOLFM: C17-H20-N4-O2 2Cl-H
SYN: 4,4'-DIAMIDINO-1,3-DIPHENOXYPROPANE DIHYDROCHLORIDE * PROPAMIDINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F12J30 ipr-mus LD50:40 mg/kg ANTCAO 2,581,52
scu-mus LD50:55 mg/kg CLDND*
2F12J30 ivn-mus LD50:35100 ug/kg ANTCAO 2,581,52

BENZAMIDINE, 4,4'-VINYLENEDI- see: WJ5250000
BENZAMIDINE, 4,4'-VINYLENEDI-, DIHYDROCHLORIDE see: WJ5340000
BENZAMIDOACETIC ACID see: MR8150000
4-BENZAMIDOBUTYRIC ACID see: ES7345000
DL-alpha-BENZAMIDO-para-(2-(DIETHYLAMINO)ETHOXY)-N,N-DIPROPYLHYDROCINNAMAMIDE see: DA8325600
alpha-BENZAMIDO-N-(2-(DIETHYLAMINO)ETHYL)-2,4-DIMETHOXYCINNAMAMIDE see: GD6990000
alpha-BENZAMIDO-N-(2-(DIETHYLAMINO)ETHYL)-3-METHOXYCINNAMAMIDE see: GD6995000
alpha-BENZAMIDO-N-(2-(DIETHYLAMINO)ETHYL)-4-METHOXYCINNAMAMIDE see: GD6995500
alpha-BENZAMIDO-N-(2-(DIETHYLAMINO)ETHYL)-3,4,5-TRIMETHOXYCINNAMAMIDE see: GD7000000
4-BENZAMIDO-3,5-DIIODOBENZOIC ACID see: DG3495000
DL-4-BENZAMIDO-N,N-DIPROPYLGLUTARAMIC ACID see: SA3680000
dl-4-BENZAMIDO-N,N-DIPROPYLGLUTARAMIC ACID SODIUM SALT see: MA2815000
(S)-p-(alpha-BENZAMIDO-p-HYDROXYHYDROCINNAMAMIDO)BENZOIC ACID see: DG3700000
1-(3-BENZAMIDO-4-METHYLBENZAMIDO)NAPHTHALENE-4,6,8-TRISULFONIC ACID sym-3''-UREA SODIUM SALT see: QM7000000
2-BENZAMIDO-3-METHYLTHIO-CROTONIC ACID see: MR8165000
BENZAMIDOOXY ACETIC ACID, AMMONIUM SALT see: AF4610000
1-((o-BENZAMIDOPHENYL)OXALYL)-2-((DIMETHYLAMINO)ACETYL)HYDRAZINE HYDROCHLORIDE see: MU7950000
2-((o-BENZAMIDOPHENYL)OXALYL)-1-(MORPHOLINOACETYL)HYDRAZINE see: MU7960000
3-BENZAMIDO-2,4,6-TRIIODOBENZOIC ACID see: DG3505000
BENZAMIDRAZONE HYDROCHLORIDE see: XF6863000
BENZAMIL BLACK E see: QJ6160000
BENZAMIL SUPRA BROWN BRLL see: GL7375000
BENZAMINBLAU 3B see: QJ6475000
BENZAMINE BLUE see: QJ6475000
BENZAMINE BLUE 3B see: QJ6475000
N-(1-BENZAMINO-2,2,2-TRICHLOROETHYL)BENZENESULFONAMIDE see: CV2345550
BENZAMPHETAMINE see: SI1750000
BENZANIDIN see: ME8575000
BENZANIDINE see: ME8575000
BENZANIL B*UE R see: QJ6475000
1,2-BENZANTHRAZEN (German) see: CV9275000
BENZANIL BLUE 2B see: QJ6400000
BENZANIL BLUE 3BN see: QJ6475000
BENZANIL DARK GREEN BW see: QJ6195030

CV7418010 BENZANILIDE, 5-BROMO-2-(2-(DIETHYLAMINO)ETHOXY)-
UPDT:8310 CAS: 5014-35-7 MW: 391.35 MOLFM: C19-H23-Br-N2-O2
SYN: 5-BROMO-2-(2-(DIETHYLAMINO)ETHOXY)BENZANILIDE * SCH 1307

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T59 scu-mus TDLo:285 mg/kg (1-19D preg) ARZNAD 18,658,68

TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:250 mg/kg BCFAAI 101,785,62
scu-mus LD50:830 mg/kg ARZNAD 18,658,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV8575000 BENZANILIDE, 2-(2-(DIETHYLAMINO)ETHOXY)-3-METHYL-
UPDT:8401 CAS: 17822-74-1 MW: 325.47 MOLFM: C20-H25-N2-O2
SYN: 2-(2-(DIETHYLAMINO)ETHOXY)-3-METHYL BENZANILIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T59 scu-mus TDLo:570 mg/kg (1-19D preg) ARZNAD 18,658,68

TOXICITY DATA AND REFERENCES:
scu-mus LD50:285 mg/kg ARZNAD 18,658,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV8575100 BENZANILIDE, 2'-((2-(DIETHYLAMINO)ETHYLAMINO)OXALYL)-
UPDT:8309 MW: 367.49 MOLFM: C21-H25-N3-O3
SYN: 2'-((2-(DIETHYLAMINO)ETHYLAMINO)OXALYL)BENZANILIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:99 mg/kg FRPSAX 38,45,83

CV8575500 BENZANILIDE, N-((DIETHYLCARBAMOYL)METHYL)-
UPDT:8410 MW: 310.43 MOLFM: C19-H22-N2-O2

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:280 mg/kg YKKZAJ 81,659,61

CV8630000 BENZANILIDE, 2'-((2-(DIMETHYLAMINO)ETHYLAMINO)OXALYL)-
UPDT:8309 MW: 339.43 MOLFM: C19-H21-N3-O3
SYN: 2'-((2-(DIMETHYLAMINO)ETHYLAMINO)OXALYL)BENZANILIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:268 mg/kg FRPSAX 38,45,83

CV8650000 BENZANILIDE, N-(2-(DIMETHYLAMINO)ETHYL)-, FUMARATE
UPDT:8408 MW: 384.47 MOLFM: C17-H20-N2-O C4-H4-O4
SYN: N-(2-(DIMETHYLAMINO)ETHYL)BENZANILIDE FUMARATE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:190 mg/kg YKKZAJ 83,696,63

CV8655000 BENZANILIDE, N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-, HYDROCHLORIDE
UPDT:8408 MW: 318.82 MOLFM: C18-H22-N2-O Cl-H
SYN: N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)BENZANILIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:135 mg/kg YKKZAJ 83,696,63

CV8660000 BENZANILIDE, N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-
UPDT:8406 CAS: 17307-23-2 MW: 310.48 MOLFM: C20-H26-N2-O
SYN: N-(3-(DIMETHYLAMINO)PROPYL)-2,6-DIMETHYLBENZANILIDE * SA-64

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:210 mg/kg APFRAD 40,231,82

BENZANILIDE, N-(3-(DIMETHYLAMINO)PROPYL)-4'-ETHOXY-, MALEATE see: DI9946000 p-BENZOPHENETIDIDE, N-(3-(DIMETHYLAMINO)PROPYL)-, MALEATE

CV8690000 BENZANILIDE, N-((DIMETHYLCARBAMOYL)METHYL)-
UPDT:8410 MW: 282.37 MOLFM: C17-H18-N2-O2

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:360 mg/kg YKKZAJ 81,659,61

CV8750000 BENZANILIDE, 4'-PHENYL-
UPDT:8401 CAS: 20743-57-1 MW: 273.35 MOLFM: C19-H15-N-O
SYN: N-4-BIPHENYLBENZAMIDE * N-4-BIPHENYLYLBENZAMIDE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 ipr-rat TDLo:508 mg/kg/4W-I CNREA8 30,1485,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV8760000 BENZANILIDE, 2'-(((3-PYRIDYLMETHYL)AMINO)OXALYL)-
UPDT:8309 MW: 359.41 MOLFM: C21-H17-N3-O3
SYN: 2'-(((3-PYRIDYLMETHYL)AMINO)OXALYL)BENZANILIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1549 mg/kg FRPSAX 38,45,83

BENZANIL PURPURINE 4B see: QK1765000
BENZANIL RUBINE A see: QK1296000
BENZANIL RUBINE A5 see: QK1296000
BENZANIL SCARLET 3B see: QJ6476000
BENZANIL SKY BLUE see: QJ6420000
BENZANIL SKY BLUE FF see: QJ6430000
BENZANIL SUPRA BLUE 2GN see: QJ6430000
BENZANIL SUPRA BROWN BRLN see: GL7375000
BENZANIL VIOLET N see: QK1420000
BENZANIL YELLOW R see: GD0197800
BENZANOL BRILLIANT SCARLET 3B see: QJ6476000

CV8950000 BENZ(a)ANTHRACEN-7-ACETIC ACID, METHYL ESTER
UPDT:8401 CAS: 63018-40-6 MW: 300.37 MOLFM: C21-H16-O2
SYN: 1,2-BENZANTHRACENE-10-ACETIC ACID, METHYL ESTER

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:600 mg/kg JNCIAM 1,303,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV8975000 BENZ(a)ANTHRACEN-7-ACETONITRILE
UPDT:8401 CAS: 63018-69-9 MW: 267.34 MOLFM: C20-H13-N
SYN: 10-CYANOMETHYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:600 mg/kg JNCIAM 1,303,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV8990000 BENZ(a)ANTHRACEN-7-AMINE
UPDT:8401 CAS: 2381-18-2 MW: 243.32 MOLFM: C18-H13-N
SYN: 10-AMINO-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:1500 mg/kg/23W-I PRLBA4 129,439,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CV9000000 BENZ(a)ANTHRACEN-8-AMINE
UPDT:8401 CAS: 56961-60-5 MW: 243.32 MOLFM: C18-H13-N
SYN: 5-AMINO-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:400 mg/kg/3W-I PRLBA4 131,170,42

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZANTHRACENE see: CV9275000
1,2-BENZANTHRACENE see: CV9275000

CV9275000 BENZ(a)ANTHRACENE
UPDT:8411 CAS: 56-55-3 MW: 228.30 MOLFM: C18-H12
SYN: BA * BENZANTHRACENE * 1,2-BENZANTHRACENE * 1,2-BENZ(a)ANTHRACENE * 1,2-BENZANTHRAZEN (German) * BENZANTHRENE * 1,2-BENZANTHRENE * BENZOANTHRACENE * BENZO(a)ANTHRACENE * 1,2-BENZOANTHRACENE * BENZO(a)PHENANTHRENE * BENZO(b)PHENANTHRENE * 2,3-BENZOPHENANTHRENE * 2,3-BENZPHENANTHRENE * NAPHTHANTHRACENE * TETRAPHENE * RCRA WASTE NUMBER U018

MUTATION DATA AND REFERENCES:

mma-sat 4 ug/plate	CRNGDP 5,747,84
dnd-esc 10 umol/L	MUREAV 89,95,81
pic-esc 50 mg/L	CNREA8 41,532,81
dni-omi 200 ug/L	PNASA6 74,1378,77
slt-dmg-par 5 mmol/L	CNREA8 33,2354,73
sln-dmg-par 5 mmol/L	EJGCA9 4,400,75
dnd-sal:tes 5 ug/1H-C	BIJOAK 110,159,68
dns-hmn:hla 100 umol/L	CNREA8 38,2621,78
dni-hmn:oth 10 umol/L	CNREA8 42,3676,82
msc-hmn:lym 9 umol/L	DTESD7 10,277,82
otr-rat-orl 180 mg/kg	CNREA8 40,1157,80
otr-rat:emb 3 mg/L	JJIND8 67,1303,81
dns-rat:lvr 100 umol/L	ENMUDM 3,11,81
sce-rat:lvr 10 umol/L	MUREAV 91,467,81
otr-mus:fbr 4 mg/L	JJIND8 67,1303,81
otr-mus:emb 12500 ug/L	ENMUDM 4,105,82
dnd-mus:lvr 60 umol/L	JJIND8 62,947,79
dnd-mus:oth 1 mg/L	CBINA8 4,389,71/72
dnd-mus-skn 192 umol/kg	CRNGDP 5,231,84
dni-mus:oth 10 umol/L	JJIND8 65,1321,80
msc-mus:lym 10 mg/L	MUREAV 106,305,82
hma-mus/sat 1600 mg/kg	JJIND8 62,911,79
mnt-ham-ipr 1800 mg/kg/24H	AMSHAR 27,199,79
mma-ham:lng 109 umol/L	MUREAV 46,27,77
otr-ham:emb 6 mg/L/7D-C	IJCNAW 9,435,72
otr-ham:kdy 80 ug/L	BJCAAI 37,873,78
otr-ham:lng 100 ug/L	TXCYAC 17,149,80
dnd-ham:fbr 5 mg/L	BCPCA6 20,1297,71
dnd-ham:kdy 5 mg/L	BCPCA6 20,1297,71
dnd-ham:lng 1 mg/L	CBINA8 4,389,71/72
oms-ham:lng 1 mg/L	CBINA8 4,389,71/72
cyt-ham-ipr 1800 mg/kg/24H	AMSHAR 27,199,79
sce-ham-ipr 900 mg/Kg/24H	MUREAV 66,65,79
sce-ham:ovr 100 umol/L	CMMUAO 6,1,80
msc-ham:lng 1 mg/L/3H	BJCAAI 39,540,79
spm-ham-orl 900 mg/kg/24H	AMSHAR 27,199,79

BEST COPY AVAILABLE

dnd-mam:lym 100 umol BIPMAA 9,689,70

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:18 mg/kg CNREA8 38,1699,78
2V03V10 scu-mus TDLo:2 mg/kg CNREA8 15,632,55
2V01M60 imp-mus TDLo:80 mg/kg BJCAAI 22,825,68
2V03R60 skn-mus TD :18 mg/kg CNREA8 38,1705,78
2V03R60 skn-mus TD :360 mg/kg/56W-I CNREA8 11,892,51
2V02R60 skn-mus TD :240 mg/kg/1W-I BJCAAI 9,177,55

TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:10 mg/kg JNCIAM 1,225,40

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; ACRSAJ 7,475,63; 85DHAX Pc,4,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,45,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 32,135,83

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2-BENZ(a)ANTHRACENE see: CV9275000
1,2:5,6-BENZANTHRACENE see: HN2625000
1,2-BENZANTHRACENE-10-ACETIC ACID, METHYL ESTER see: CV8950000
1,2-BENZANTHRACENE-10-ALDEHYDE see: CW0800000

CW0180000 BENZ(a)ANTHRACENE, 7-BROMO-

UPDT:8401 CAS: 32795-84-9 MW: 307.20 MOLFM: C18-H11-Br
SYN: 10-BROM-1,2-BENZANTHRACEN (German) * 10-BROMO-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:25 mg/kg SCPHA4 22,224,54

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0250000 BENZ(a)ANTHRACENE, 4-BROMO-7-BROMOMETHYL-

UPDT:8401 CAS: 34346-98-0 MW: 400.13 MOLFM: C19-H12-Br2
SYN: 4-BROMO-7-BROMOMETHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:16 mg/kg EJCAAH 7,473,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0350000 BENZ(a)ANTHRACENE, 8-BROMO-7,12-DIMETHYL-

UPDT:8401 CAS: 63018-63-3 MW: 335.26 MOLFM: C20-H15-Br
SYN: 5-BROMO-9,10-DIMETHYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03P61V10 scu-mus TDLo:80 mg/kg CNREA8 6,454,46

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0380000 BENZ(a)ANTHRACENE, 7-BROMOMETHYL-

UPDT:8412 CAS: 24961-39-5 MW: 321.23 MOLFM: C19-H13-Br
SYN: 7-BMBA * 7-BROMOMETHYLBENZ(a)ANTHRACENE * ICR 498

MUTATION DATA AND REFERENCES:
dnr-esc 1 mg/L PNASA6 79,534,82
dns-esc 13 umol/L ZKKOBW 92,177,78
dnd-esc 1 mg/L BBACAQ 287,38,72
mmo-bcs 750 ug/L MUREAV 23,113,74
dnr-bcs 750 ug/L MUREAV 23,113,74
dnd-bcs 750 ug/L MUREAV 23,113,74
dnd-omi 20 mg/L BBACAQ 374,392,74
dnd-omi 1800 umol/L ZKKOBW 90,37,77
dnd-omi 1800 umol/L ZKKOBW 90,37,77
slt-dmg-par 5 mmol/L CNREA8 33,2354,73
sln-dmg-par 5 mmol/L CNREA8 33,2354,73
dnr-hmn:fbr 150 nmol/L CBINA8 22,139,78
dnd-hmn:fbr 10 umol/L BICHAW 13,5384,74
dnd-hmn:lng 150 nmol/L CBINA8 22,139,78
dns-hmn:hla 10 umol/L CNREA8 38,2621,78
dns-hmn:fbr 1 umol/L NARHAD 7,1343,79
cyt-hmn:hla 160 ug/L MUREAV 57,369,78
otr-rat:emb 970 ng/plate JJATDK 1,190,81
dnd-mus:fbr 10 umol/L BICHAW 13,5384,74
dnd-mus:emb 500 nmol/L CALEDQ 7,103,79
dnd-mus:oth 500 nmol/L CALEDQ 7,103,79
dnr-ham:ovr 800 nmol/L PNASA6 79,534,82
otr-ham:emb 250 ug/L CNREA8 32,1391,72
dnd-ham:lng 500 nmol/L MUREAV 50,263,78
dnd-ham:ovr 800 nmol/L PNASA6 79,534,82
cyt-ham:lng 200 nmol/L/24H CBINA8 17,265,77
sce-ham:lng 200 ug/L IJCNAW 24,485,79
sce-ham:ovr 400 nmol/L PNASA6 79,534,82
msc-ham:lng 150 nmol/L MUREAV 21,107,73
msc-ham:ovr 50 nmol/L PNASA6 79,534,82

TUMORICENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:27 mg/kg CRNGDP 2,103,81
3V03R60V10 skn-mus TDLo:10 mg/kg/40W-I CNREA8 43,2034,83
2V02J60 ivn-mus TDLo:800 ug/kg CNREA8 36,2423,76
2V01V10 scu-rat TD :80 mg/kg CRNGDP 2,103,81
3V03R60V10 skn-mus TD :31 mg/kg/40W-I CNREA8 43,2034,83

TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:1600 ug/kg CNREA8 36,2423,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 39,257,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0400000 BENZ(a)ANTHRACENE, 7-BROMOMETHYL-4-CHLORO-

UPDT:8401 CAS: 34346-99-1 MW: 355.67 MOLFM: C19-H12-Br-Cl
SYN: 7-BROMOMETHYL-4-CHLOROBENZ(a)ANTHRACENE * 4-CHLORO-7-BROMOMETHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:14 mg/kg EJCAAH 7,473,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0425000 BENZ(a)ANTHRACENE, 7-BROMOMETHYL-6-FLUORO-

UPDT:8401 CAS: 34346-97-9 MW: 339.22 MOLFM: C19-H12-Br-F
SYN: 7-BROMOMETHYL-6-FLUOROBENZ(a)ANTHRACENE * 6-FLUORO-7-BROMOMETHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:14 mg/kg EJCAAH 7,473,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0450000 BENZ(a)ANTHRACENE, 7-BROMOMETHYL-1-METHYL-

UPDT:8401 CAS: 34346-96-8 MW: 335.26 MOLFM: C20-H15-Br
SYN: 7-BROMOMETHYL-1-METHYLBENZ(a)ANTHRACENE * 1-METHYL-7-BROMOMETHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:13 mg/kg EJCAAH 7,473,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0525000 BENZ(a)ANTHRACENE, 7-BROMOMETHYL-12-METHYL-

UPDT:8401 CAS: 16238-56-5 MW: 335.26 MOLFM: C20-H15-Br
SYN: 7-BROMOMETHYL-12-METHYLBENZ(a)ANTHRACENE * ICR 502

MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate JJIND8 62,893,79
mma-sat 10 ug/plate PNASA6 72,5135,75
dnr-esc 50 mg/L JJIND8 62,873,79
mmo-bcs 750 ug/L MUREAV 23,113,74
dnr-bcs 750 ug/L MUREAV 23,113,74
dnd-bcs 200 umol/L MUREAV 23,113,74
dnd-omi 20 mg/L BBACAQ 374,392,74
dni-omi 200 ug/L PNASA6 74,1378,77
slt-dmg-par 1 mmol/L IJCNAW 6,250,70
mrc-smc 5000 ppm JJIND8 62,901,79
otr-rat:emb 270 ug/L JJIND8 67,1303,81
otr-mus:fbr 16 ug/L JJIND8 67,1303,81
dnd-mus:emb 500 nmol/L CALEDQ 7,103,79
dnd-mus:oth 500 nmol/L CALEDQ 7,103,79
otr-ham:emb 600 ug/L CNREA8 32,1391,72
msc-ham:lng 5 mmol/L PNASA6 68,3195,71

TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:6 mg/kg CRNGDP 2,103,81
2V02R60 skn-mus TDLo:8040 mg/kg JJIND8 61,135,78
2V02J60 ivn-mus TDLo:1700 ug/kg CNREA8 36,2423,76
2V02V10 scu-rat TD :20 mg/kg/39D-I CNREA8 31,1951,71
2V02V10 scu-rat TD :13 mg/kg EJCAAH 6,417,70
2V01V10 scu-rat TD :188 mg/kg CRNGDP 2,103,81

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0600000 BENZ(a)ANTHRACENE, 12-BROMOMETHYL-7-METHYL-

UPDT:8401 CAS: 59230-81-8 MW: 605.11 MOLFM: C20-F15-Br
SYN: 12-BROMOMETHYL-7-METHYLBENZ(a)ANTHRACENE

TUMORICENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:8040 mg/kg JJIND8 61,135,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0700000 BENZ(a)ANTHRACENE, 8-BUTYL-

UPDT:8401 CAS: 63018-64-4 MW: 284.42 MOLFM: C22-H20
SYN: 5-n-BUTYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:860 mg/kg/36W-I PRLBA4 129,439,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0730000 BENZ(a)ANTHRACENE-8-CARBONITRILE, 7-METHYL-

UPDT:8401 CAS: 63018-70-2 MW: 267.34 MOLFM: N-C20-H13
SYN: BENZ(a)ANTHRACENE, 8-CYANO-7-METHYL- * 5-CYANO-10-METHYL-1,2-BENZANTHRACENE * 8-CYANO-7-METHYLBENZ(a)ANTHRACINE * 7-METHYLBENZ(a)ANTHRACENE-8-CARBONITRILE

TUMORIGENIC DATA AND REFERNCES:
2V03V10 scu-mus TDLo:200 mg/kg JNCIAM 1,303,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0760000 BENZ(a)ANTHRACENE-10-CARBONITRILE, 7-METHYL-

UPDT:8401 CAS: 6366-23-0 MW: 267.34 MOLFM: C20-H13-N
SYN: 7-CYANO-10-METHYL-1,2-BENZANTHRACENE * 7-METHYLBENZ(a)ANTHRACENE-10-CARBONITRILE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:400 mg/kg JNCIAM 1,303,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0800000 BENZ(a)ANTHRACENE-7-CARBOXALDEHYDE

UPDT:8401 CAS: 7505-62-6 MW: 256.31 MOLFM: C19-H12-O
SYN: 1,2-BENZANTHRACENE-10-ALDEHYDE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:280 mg/kg JNCIAM 1,303,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0875000 BENZ(a)ANTHRACENE-7-CARBOXALDEHYDE, 12-METHYL-

UPDT:8401 CAS: 13345-61-4 MW: 270.34 MOLFM: C20-H14-O
SYN: 7-FORMYL-12-METHYLBENZ(a)ANTHRACENE * 12-METHYLBENZ(a)ANTHRACENE-7-CARBOXALDEHYDE

MUTATION DATA AND REFERENCES:
dni-omi 200 ug/L PNASA6 74,1378,77

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:20 mg/kg/39D-I CNREA8 31,1951,71
2V02R60 skn-mus TDLo:8000 ug/kg JJIND8 61,135,78
2V01V10 scu-mus TDLo:120 mg/kg/6W-I IJCNAW 2,500,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0900000 BENZ(a)ANTHRACENE-12-CARBOXALDEHYDE, 7-METHYL-

UPDT:8401 CAS: 17513-40-5 MW: 270.34 MOLFM: C20-H14-O
SYN: 12-FORMYL-7-METHYLBENZ(a)ANTHRACENE * 7-METHYLBENZ(a)ANTHRACENE-12-CARBOXALDEHYDE

MUTATION DATA AND REFERENCES:
dni-omi 200 ug/L PNASA6 74,1378,77

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:8000 mg/kg JJIND8 61,135,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0950000 BENZ(a)ANTHRACENE, 7-CHLORO-

UPDT:8401 CAS: 20268-52-4 MW: 262.74 MOLFM: C18-H11-Cl
SYN: 10-CHLORO-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:530 mg/kg/22W-I COREAF 226,1852,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0960000 BENZ(a)ANTHRACENE, 7-CHLOROMETHYL-

UPDT:8401 CAS: 6325-54-8 MW: 276.77 MOLFM: C19-H13-Cl
SYN: 7-CHLOROMETHYLBENZ(a)ANTHRACENE * ICR 451

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate PNASA6 72,5135,75

TUMORIGENIC DATA AND REFERENCES:
2V02J60 ivn-mus TDLo:700 ug/kg CNREA8 36,2423,76

TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:1384 ug/kg CNREA8 36,2423,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0970000 BENZ(a)ANTHRACENE, 8-CHLORO-7-METHYL-

UPDT:8401 CAS: 63018-67-7 MW: 276.77 MOLFM: C19-H13-Cl
SYN: 5-CHLORO-10-METHYL-1,2-BENZANTHRACENE * 8-CHLORO-7-METHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:80 mg/kg JNCIAM 1,303,40

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW0980000 BENZ(a)ANTHRACENE, 10-CHLORO-7-METHYL
UPDT:8401 CAS: 6366-24-1 MW: 276.77 MOLFM: C19-H13-Cl
SYN: 7-CHLORO-10-METHYL-1,2-BENZANTHRACENE * 10-CHLORO-7-METHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:80 mg/kg JNCIAM 1,303,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1000000 BENZ(a)ANTHRACENE, 7-(CHLOROMETHYL)-12-METHYL-
UPDT:8401 CAS: 13345-62-5 MW: 290.80 MOLFM: C20-H15-Cl
SYN: 7-CHLOROMETHYL-12-METHYLBENZ(a)ANTHRACENE * IBC 453

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate PNASA6 72,5135,75

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:150 mg/kg/39D-I CNREA8 31,1951,71
2V02J60 ivn-mus TDLo:1150 ug/kg CNREA8 36,2423,76

TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:2 mg/kg CNREA8 36,2423,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1050000 BENZ(a)ANTHRACENE, 7-CYANO-
UPDT:8401 CAS: 7476-08-6 MW: 253.31 MOLFM: C19-H11-N
SYN: 10-CYANO-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 skn-mus TDLo:1370 mg/kg/57W-I PRLBA4 131,170,42
3V03P62V10 scu-mus TDLo:2400 mg/kg/36W-I PRLBA4 129,439,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1225000 BENZ(a)ANTHRACENE, 8-CYANO-7,12-DIMETHYL-
UPDT:8401 CAS: 63018-68-8 MW: 281.37 MOLFM: C21-H15-N
SYN: 5-CYANO-9,10-DIMETHYL-1,2-BENZANTHRACENE * 7,12-DIMETHYLBENZ(a)ANTHRACENE-8-CARBONITRILE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:80 mg/kg CNREA8 6,454,46

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1400000 BENZ(a)ANTHRACENE, 7-CYANO-12-METHYL-
UPDT:8401 CAS: 63020-25-7 MW: 268.35 MOLFM: C20-H14-N
SYN: 9-METHYL-10-CYANO-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:620 mg/kg/26W-I PRLBA4 129,439,40
2V03V10 scu-mus TDLo:1600 mg/kg/24W-I PRLBA4 129,439,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZ(a)ANTHRACENE, 8-CYANO-7-METHYL- see: CW0730000

CW1600000 BENZ(a)ANTHRACENE-7,12-DICARBOXALDEHYDE
UPDT:8401 CAS: 19926-22-8 MW: 284.32 MOLFM: C20-H12-O2
SYN: 7,12-DIFORMYLBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:
dni-ami 2 mg/L PNASA6 74,1378,77

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:8000 mg/kg JJIND8 61,135,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1725000 BENZ(a)ANTHRACENE, 6,8-DIETHYL-
UPDT:8401 CAS: 36911-94-1 MW: 284.42 MOLFM: C22-H20
SYN: 6,8-DIETHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 ims-rat TDLo:50 mg/kg JMCMAR 15,905,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1750000 BENZ(a)ANTHRACENE, 7,12-DIETHYL-
UPDT:8401 CAS: 16354-52-2 MW: 284.42 MOLFM: C22-H20
SYN: 9,10-DIETHYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:380 mg/kg/16W-I PRLBA4 129,439,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1775000 BENZ(a)ANTHRACENE, 8,12-DIETHYL-
UPDT:8401 CAS: 36911-93-2 MW: 284.42 MOLFM: C22-H20
SYN: 8,12-DIETHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 ims-rat TDLo:50 mg/kg JMCMAR 15,905,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1777000 BENZ(a)ANTHRACENE, 1,2-DIHYDRO-
UPDT:8401 CAS: 60968-08-3 MW: 230.32 MOLFM: C18-H14
SYN: 1,2-DIHYDROBENZ(a)ANTHRACENE * 1,2-DIHYDROBENZO(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:18 mg/kg CNREA8 38,1705,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1778000 BENZ(a)ANTHRACENE, 3,4-DIHYDRO-
UPDT:8401 CAS: 60968-01-6 MW: 230.32 MOLFM: C18-H14
SYN: 3,4-DIHYDROBENZ(a)ANTHRACENE * 3,4-DIHYDROBENZO(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:3700 ug/kg CNREA8 38,1705,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1778500 BENZ(a)ANTHRACENE, 5,6-DIHYDRO-
UPDT:8303 CAS: 36914-99-5 MW: 230.32 MOLFM: C18-H14
SYN: 5,6-DIHYDROBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 30 ug/plate MUREAV 96,1,82

CW1780000 BENZ(a)ANTHRACENE, 1,2-DIHYDRO-1,2-DIHYDROXY-, (E)-
UPDT:8401 CAS: 60967-88-6 MW: 262.32 MOLFM: C18-H14-O2
SYN: BA 1,2-DIHYDRODIOL * BENZ(a)ANTHRACENE-1,2-DIHYDRODIOL * trans-1,2-DIHYDROXY-1,2-DIHYDROBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 10 umol/L CNREA8 42,1620,82
msc-ham:lng 1200 ug/L/3H BJCAAI 39,540,79

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2100 ug/kg CNREA8 38,1699,78
3V03R60V10 skn-mus TD :10 mg/kg PNASA6 74,3176,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1783000 BENZ(a)ANTHRACENE, 3,4-DIHYDRO-3,4-DIHYDROXY-, (E)-
UPDT:8401 CAS: 60967-89-7 MW: 262.32 MOLFM: C18-H14-O2
SYN: BA 3,4-DIHYDRODIOL * BENZ(a)ANTHRACENE-3,4-DIHYDRODIOL * trans-3,4-DIHYDRO-3,4-DIHYDROXYBENZO(a)ANTHRACENE * trans-3,4-DIHYDROXY-3,4-DIHYDROBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 25 umol/L BBRCA9 72,680,76
msc-ham:lng 2500 ug/L/3H BJCAAI 39,540,79

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:2100 ug/kg CNREA8 38,1699,78
3V02R60V10 skn-mus TD :4200 ug/kg PNASA6 74,3176,77
2V02R60 skn-mus TD :4200 ug/kg CNRFA8 38,1705,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1784000 BENZ(a)ANTHRACENE, 3,4-DIHYDRO-3,4-DIHYDROXY-, (E)-(-)-, (3R,4R)
UPDT:8401 CAS: 67335-42-6 MW: 274.28 MOLFM: C18-H10-O3
SYN: (-)-(3R,4R)-trans-BENZ(a)ANTHRACENE-3,4-DIOL * (-)-(3R,4R)-trans-3,4-DIHYDRO-3,4-DIHYDROXYBENZ(a)ANTHRACENE * (-)-(3R,4R)trans-3,4-DIHYDRO-3,4-DIHYDROXYBENZO(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:1100 ug/kg CNREA8 38,1705,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1785000 BENZ(a)ANTHRACENE, 3,4-DIHYDRO-3,4-DIHYDROXY-, (E)-(+)-, (3S,4S)
UPDT:8401 CAS: 67335-43-7 MW: 274.28 MOLFM: C18-H10-O3
SYN: (+)-(3S,4S)trans-BENZ(a)ANTHRACENE-3,4-DIHYDRODIOL * (+)-(3S,4S)-trans-3,4-DIHYDRO-3,4-DIHYDROXYBENZ(a)ANTHRACENE * (+)-(3S,4S)-trans-3,4-DIHYDRO-3,4-DIHYDROXYBENZO(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:4390 ug/kg CNREA8 38,1705,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1785900 BENZ(a)ANTHRACENE, 5,6-DIHYDRO-5,6-DIHYDROXY-
UPDT:8406 CAS: 1421-78-9 MW: 260.30 MOLFM: C18-H12-O2
SYN: BENZ(a)ANTHRACENE-5,6-DIHYDRODIOL * BENZ(a)ANTHRACENE-5,6-DIOL, 5,6-DIHYDRO- (9CI) * 5,6-DIHYDRO-5,6-DIHYDROXY BENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:
dnd-ham:kdy 5 mg/L BCPCA6 20,1297,71

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CW1786000 BENZ(a)ANTHRACENE, 5,6-DIHYDRO-5,6-DIHYDROXY-, (E)-
UPDT:8401 CAS: 3719-37-7 MW: 262.32 MOLFM: C18-H14-O2
SYN: BA 5,6-DIHYDRODIOL * BA-5,6-trans-DIHYDRODIOL * BENZ(a)ANTHRACENE-5,6-DIHYDRODIOL * BENZ(a)ANTHRACENE-5,6-trans-DIHYDRODIOL * trans-5,6-DIHYDROXY-5,6-DIHYDROBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:
otr-ham:emb 4 mg/L CNREA8 32,1391,72

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:21 mg/kg PNASA6 74,3176,77
2V03R60 skn-mus TD :2100 ug/kg CNREA8 38,1699,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1790000 BENZ(a)ANTHRACENE, 8,9-DIHYDRO-8,9-DIHYDROXY-, (E)-
UPDT:8401 CAS: 34501-24-1 MW: 262.32 MOLFM: C18-H14-O2
SYN: BA 8,9-DIHYDRODIOL * trans-BENZ(a)ANTHRACENE-8,9-DIHYDRODIOL * trans-8,9-DIHYDROXY-8,9-DIHYDROBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 25 umol/L BBRCA9 72,680,76

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:2100 ug/kg CNREA8 38,1699,78
3V03R60V10 skn-mus TD :4200 ug/kg PNASA6 74,3176,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1795000 BENZ(a)ANTHRACENE, 10,11-DIHYDRO-10,11-DIHYDROXY-, (E)-
UPDT:8401 CAS: 60967-90-0 MW: 262.32 MOLFM: C18-H14-O2
SYN: BA 10,11-DIHYDRODIOL * BENZ(a)ANTHRACENE-10,11-DIHYDRODIOL * trans-10,11-DIHYDROXY-10,11-DIHYDROBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 100 umol/L CNREA8 42,1620,82

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:2100 ug/kg PNASA6 74,3176,77
2V03R60 skn-mus TD :4200 ug/kg CNREA8 38,1699,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1795060 BENZ(a)ANTHRACENE, 8,9-DIHYDRO-8,9-DIHYDROXY-7,12-DIMETHYL-, (E)-
UPDT:8403 CAS: 65763-32-8 MW: 290.38 MOLFM: C20-H18-O2
SYN: trans-8,9-DIHYDRO-8,9-DIHYDROXY-7,12-DIMETHYLBENZ(a)ANTHRACENE * trans-8,9-DIHYDRO-8,9-DIHYDROXY-DMBA

MUTATION DATA AND REFERENCES:
mma-snt 5 umol/L BBRCA9 83,1468,78
otr-mus:fbr 250 mg/L BBRCA9 85,357,78
sce-ham:ovr 8 mg/L CALEDQ 7,45,79
msc-ham:lng 250 ug/L/3H BJCAAI 39,540,79

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1050 ug/kg CNREA8 39,1934,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1795065 BENZ(a)ANTHRACENE, 3,4-DIHYDRO-3,4-DIHYDROXY-1,2-EPOXY-, (+-)-(1S,2R,3R,4R)
UPDT:8401 MW: 278.32 MOLFM: C18-H14-O3
SYN: BA 3,4-DIOL-1,2-EPOXIDE 1 * (+-)-(1S,2R,3R,4R)-3,4-DIHYDRO-3,4-DIHYDROXY-1,2-EPOXYBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:3100 ug/kg/15D-I JJIND8 63,201,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1795500 BENZ(a)ANTHRACENE, 3,4-DIHYDRO-3,4-DIHYDROXY-7,12-DIMETHYL-, (E)-
UPDT:8401 MW: 290.38 MOLFM: C20-H18-O2
SYN: trans-3,4-DIHYDRO-3,4-DIHYDROXY-7,12-DIMETHYLBENZ(a)ANTHRACENE * trans-3,4-DIHYDRO-3,4-DIHYDROXY-DMBA

MUTATION DATA AND REFERENCES:
mma-sat 5 umol/L BBRCA9 83,1468,78
mma-sat 2500 nmol/L CBINA8 32,257,80
otr-mus:fbr 120 ug/L BBRCA9 85,357,78
sce-ham:ovr 2 mg/L CALEDQ 7,45,79
msc-ham:lng 120 ug/L/3H BJCAAI 39,540,79

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:105 ug/kg CNREA8 39,1934,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

CW1795600 BENZ(a)ANTHRACENE, 5,6-DIHYDRO-5,6-DIHYDROXY-7,12-DIMETHYL-, (E)-
UPDT:8303 CAS: 16644-15-8 MW: 290.38 MOLFM: C20-H18-O2
SYN: trans-5,6-DIHYDRO-5,6-DIHYDROXY-7,12-DIMETHYLBENZ(a)ANTHRACENE * trans-5,6-DIHYDROXY-7,12-DIMETHYL-5,6-DIHYDROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 10 umol/L — BBRCA9 83,1468,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CW1796000 BENZ(a)ANTHRACENE, 3,4-DIHYDRO-3,4-DIHYDROXY-7-METHYL-, trans-
UPDT:8408 CAS: 64521-14-8 MW: 264.34 MOLFM: C18-H16-O2
SYN: trans-3,4-DIHYDRO-3,4-DIHYDROXY-7-METHYLBENZ(a)ANTHRACENE * 7-MBA 3,4-DIHYDRODIOL
MUTATION DATA AND REFERENCES:
mma-sat 10 umol/L — BBRCA9 75,427,77
otr-mus:fbr 1 mg/L — IJCNAW 19,828,77
sce-ham:ovr 8 mg/L — MUREAV 50,367,78
msc-ham:lng 1 mg/L — IJCNAW 19,828,77
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:1000 ug/kg — CALEDQ 3,247,77
2V02R60 skn-mus TD :4230 ug/kg — CNREA8 40,1981,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1797000 BENZ(a)ANTHRACENE, 8,9-DIHYDRO-8,9-DIHYDROXY-7-METHYL-, trans-
UPDT:8408 CAS: 64521-15-9 MW: 264.34 MOLFM: C18-H16-O2
SYN: trans-8,9-DIHYDRO-8,9-DIHYDROXY-7-METHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 30 ug/L — BBRCA9 75,427,77
otr-mus:fbr 1 mg/L — IJCNAW 19,828,77
sce-ham:ovr 8 mg/L — MUREAV 50,367,78
msc-ham:lng 1 mg/L — IJCNAW 19,828,77
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1000 ug/kg — CALEDQ 3,247,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1800000 BENZ(a)ANTHRACENE, 5,6-DIHYDRO-7,12-DIMETHYL-
UPDT:8401 CAS: 35281-29-9 MW: 258.38 MOLFM: C20-H18
SYN: 5,6-DIHYDRO-7,12-DIMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:128 mg/kg/50W-I — ZKKOBW 77,226,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW1820000 BENZ(a)ANTHRACENE, 5,6-DIHYDRO-7,12-DIMETHYL-5,6-EPOXY-
UPDT:8305 CAS: 39834-38-3 MW: 272.36 MOLFM: C20-H16-O
SYN: 7,12-DIMETHYLBENZ(a)ANTHRACENE 5,6-OXIDE * 7,12-DIMETHYL-5,6-EPOXY-5,6-DIHYDROBENZ(a)ANTHRACENE * EDMBA * 5,6-EPOXY-5,6-DIHYDRO-7,12-DIMETHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 30 ug/plate — IJCNAW 16,787,75
mma-sat 30 ug/plate — IJCNAW 16,787,75
dnr-esc 100 umol/L — ZKKOBW 92,157,78
dns-esc 1 mmol/L — ZKKOBW 92,157,78
dnd-omi 6600 umol/L — ZKKOBW 90,37,77
slt-dmg-par 5 mmol/L — CNREA8 33,2354,73
sln-dmg-par 5 mmol/L — CNREA8 33,2354,73
dnd-hmn:fbr 20 mmol/L — MUREAV 43,117,77
otr-mus:oth 50 ug/L — IJCNAW 13,304,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CW1835000 BENZ(a)ANTHRACENE, 7,12-DIHYDRO-7,12-DIMETHYL-7,12-EPOXY-
UPDT:8401 CAS: 63019-25-0 MW: 272.36 MOLFM: C20-H16-O
SYN: 9,10-DIMETHYL-1,2-BENZANTHRACENE-9,10-OXIDE * 9,10-DIMETHYL-9,10-DIHYDRO-1,2-BENZANTHRACENE-9,10-OXIDE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:860 mg/kg/36W-I — PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZ(a)ANTHRACENE-1,2-DIHYDRODIOL see: CW1780000
BENZ(a)ANTHRACENE-3,4-DIHYDRODIOL see: CW1783000
BENZ(a)ANTHRACENE-5,6-DIHYDRODIOL see: CW1785900
BENZ(a)ANTHRACENE-5,6-DIHYDRODIOL see: CW1786000
BENZ(a)ANTHRACENE-5,6-trans-DIHYDRODIOL see: CW1786000
(+)-(3S,4S)trans BENZ(a)ANTHRACENE-3,4-DIHYDRODIOL see: CW1785000
BENZ(a)ANTHRACENE-5,6-cis-DIHYDRODIOL see: CW4630000
trans-BENZ(a)ANTHRACENE-8,9-DIHYDRODIOL see: CW1790000
BENZ(a)ANTHRACENE-10,11-DIHYDRODIOL see: CW1795000
BENZ(a)ANTHRACENE, 5,6-DIHYDRO-5,6-EPOXY-7-METHYL- see: CW5075000
BENZ(a)ANTHRACENE, 3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDRO-, (E)-, (+)- see: CX3070000
BENZ(a)ANTHRACENE, 3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDRO-, (Z), (+)- see: CX3071000

CW1925000 BENZ(a)ANTHRACENE-7,12-DIMETHANOL
UPDT:8401 CAS: 2564-65-0 MW: 288.36 MOLFM: C20-H16-O2
SYN: 9,10-BISHYDROXYMETHYL-1,2-BENZANTHRACENE * 7,12-DIHYDROXYMETHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate — 46OJAN -,675,81
mma-esc 1 gm/L/2H — GENTAE 39,141,54
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:2600 mg/kg/40W-I — PRLBA4 129,439,40
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW2100000 BENZ(a)ANTHRACENE-7,12-DIMETHANOL DIACETATE
UPDT:8401 CAS: 63018-62-2 MW: 372.44 MOLFM: C24-H20-O4
SYN: ACETIC ACID, BENZ(a)ANTHRACENE-7,12-DIMETHANOL DIESTER * 9,10-BISACETOXYMETHYL-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03K60R60 skn-mus TDLo:1700 mg/kg/71W-I — PRLBA4 129,439,40
2V03V10 scu-mus TDLo:3000 mg/kg/45W-I — PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW2150000 BENZ(a)ANTHRACENE-7,12-DIMETHANOL, 3,4-DIHYDRO-3,4-DIHYDROXY-, (E)-
UPDT:8403 CAS: 69260-85-1 MW: 322.38 MOLFM: C20-H18-O4
SYN: (E)-3,4-DIHYDROXY-3,4-DIHYDROBENZ(a)ANTHRACENE-7,12-DIMETHANOL * trans-3,4-DIHYDROXY-3,4-DIHYDRO-7,12-DIHYDROXYMETHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 50 nmol/plate — CNREA8 40,3661,80

CW2165000 BENZ(a)ANTHRACENE-7,12-DIMETHANOL, 3,4-DIHYDROXY-
UPDT:8303 MW: 320.36 MOLFM: C20-H16-O4
SYN: 3,4-DIHYDROXYBENZ(a)ANTHRACENE 7,12-DIMETHANOL * 7,12-DIHYDROXYMETHYLBENZ(a)ANTHRACENE 3,4-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate — 46OJAN -,675,81

CW2275000 BENZ(a)ANTHRACENE, 7,12-DIMETHOXY-
UPDT:8401 CAS: 16354-53-3 MW: 288.36 MOLFM: C20-H16-O2
SYN: 7,12-DIMETHOXYBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLO:50 mg/kg — CNREA8 29,506,69
2V02V10 ims-rat TD :50 mg/kg — PNASA6 58,2253,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW2450000 BENZ(a)ANTHRACENE, 1,12-DIMETHYL-
UPDT:8401 CAS: 313-74-6 MW: 256.36 MOLFM: C20-H16
SYN: 1,9-DIMETHYL-1,2-BENZANTHRACENE * 1,12-DIMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I — BAFEAG 49,312,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW2625000 BENZ(a)ANTHRACENE, 4,5-DIMETHYL-
UPDT:8401 CAS: 18429-70-4 MW: 256.36 MOLFM: C20-H16
SYN: 3,4-DIMETHYL-1,2-BENZANTHRACENE * 4,5-DIMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-rat TDLo:18 mg/kg — PSEBAA 128,720,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW2800000 BENZ(a)ANTHRACENE, 6,7-DIMETHYL-
UPDT:8401 CAS: 20627-28-5 MW: 256.36 MOLFM: C20-H16
SYN: 4,10-DIMETHYL-1,2-BENZANTHRACENE * 6,7-DIMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:40 mg/kg — JNCIAM 1,303,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW2975000 BENZ(a)ANTHRACENE, 6,8-DIMETHYL-
UPDT:8401 CAS: 317-64-6 MW: 256.36 MOLFM: C20-H16
SYN: 6,8-DIMETHYLBENZ(a)ANTHRACENE * 6,8-DIMETHYL-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:50 mg/kg — CNREA8 29,506,69
2V03R60 skn-mus TDLo:240 mg/kg/37W-I — CNREA8 11,892,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW3325000 BENZ(a)ANTHRACENE, 6,12-DIMETHYL-
UPDT:8401 CAS: 568-81-0 MW: 256.36 MOLFM: C20-H16
SYN: 4,9-DIMETHYL-1,2-BENZANTHRACENE * 6,12-DIMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-mus TDLo:80 mg/kg — JNCIAM 2,241,41
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW3675000 BENZ(a)ANTHRACENE, 7,11-DIMETHYL-
UPDT:8401 CAS: 35187-28-1 MW: 256.36 MOLFM: C20-H16
SYN: 7,11-DIMETHYLBENZ(a)ANTHRACENE * 8,10-DIMETHYL-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-mus TDLo:40 mg/kg — CNREA8 6,454,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW3850000 BENZ(a)ANTHRACENE, 7,12-DIMETHYL-
UPDT:8412 CAS: 57-97-6 MW: 256.36 MOLFM: C20-H16
SYN: DBA * DIMETHYLBENZANTHRACENE * DIMETHYLBENZ(a)ANTHRACENE * 7,12-DIMETHYLBENZANTHRACENE * 7,12-DIMETHYLBENZ(a)ANTHRACENE * 9,10-DIMETHYL-BENZANTHRACENE * 9,10-DIMETHYLBENZ(a)ANTHRACENE * 9,10-DIMETHYL-1,2-BENZANTHRACENE * 9,10-DIMETHYL-1,2-BENZANTHRAZEN (German) * DIMETHYLBENZANTHRENE * 7,12-DIMETHYLBENZO(a)ANTHRACENE * 1,4-DIMETHYL-2,3-BENZPHENANTHRENE * DMBA * 7,12-DMBA * NCI-C03918 * RCRA WASTE NUMBER U094
IRRITATION DATA AND REFERENCES:
skn-mus 64 ug MLD — CALEDQ 4,333,78
MUTATION DATA AND REFERENCES:
mmo-sat 333 ug/plate — JANCA2 62,874,79
mma-sat 20 ug/plate — PNASA6 72,5135,75
dnd-sat 200 ug/L — MUREAV 53,152,78
dns-sat 100 ng — ECEBDI 50,271,82
pic-sat 5 ug/plate — MUREAV 110,243,83
dnr-esc 250 mg/L — JJIND8 62,873,79
mrc-esc 25 ug/well — MUREAV 46,53,77
dnd-esc 5 umol/L — MUREAV 89,95,81
pic-esc 500 ng/plate — CSHCAL 4,1451,77
dnr-bcs 100 uL/plate — MUREAV 97,1,82
dnd-bcs 200 umol/L — MUREAV 23,113,74
mmo-omi 100 ug/L — MUREAV 74,113,80
dnd-omi 1800 umol/L — ZKKOBW 90,37,77
dnd-omi 1800 umol/L — ZKKOBW 90,37,77
dns-omi 100 ug/L — CRNGDP 2,417,81
dni-omi 200 ug/L — PNASA6 74,1378,77
dni-omi 100 ug/L — PNASA6 74,1378,77
slt-dmg-par 1 mmol/L — IJCNAW 6,250,70
sln-dmg-par 5 mmol/L — EJGCA9 4,400,75
sln-dmg-orl 1 mmol/L — MUREAV 79,231,80
mmo-nsc 250 ppm — ANYAA9 71,1072,58
mrc-smc 10 mmol/L — ZEKBAI 72,65,69
sln-smc 50 mg/L — PMRSDJ 1,468,81
dnd-sal:tes 5 ug/1H-C — BIJOAK 110,159,68
dnd-hmn:emb 220 nmol/L — CBINA8 22,257,78
dnd-hmn:hla 5 umol/L — MUREAV 89,95,81
dnd-hmn:lym 500 nmol/L — LANCAO 2,1094,75
dns-hmn:hla 100 nmol/L — CNREA8 38,2621,78
dns-hmn:fbr 100 ug/L — CNREA8 38,2091,78
dns-hmn:lym 5 umol/L — MUREAV 53,327,78
dns-hmn:lvr 1 mmol/L — VOONAW 28(11),53,82
dni-hmn:hla 44 umol/L — MUREAV 92,427,82
cyt-hmn:lym 10 umol/L — IJCNAW 8,202,71
cyt-hmn:leu 50 mmol/L — HEREAY 59,120,68
sce-hmn:lvr 1 mmol/L — MUREAV 122,47,83
msc-hmn:oth 100 nmol/L — CRNGDP 1,765,80
msc-hmn:fbr 12500 ug/L — MUREAV 121,71,83
mnt-rat-ipr 40 mg/kg — MUREAV 120,257,83
otr-rat-ipr 300 umol/kg — CALEDQ 20,207,83
otr-rat-orl 150 umol/kg — CALEDQ 20,207,83
otr-rat-emb 100 ug/L — JTEHD6 4,79,78
otr-rat:lvr 1 mg/L/3W — CNREA8 33,606,73
dnd-rat-ivn 26 mg/kg — JJIND8 70,111,83
dnd-rat-orl 75 mg/kg — CNREA8 38,1589,78
dnd-rat-ipr 78 nmol/kg — CNREA8 32,952,72

BEST COPY AVAILABLE

dnd-rat:oth 500 ng/L PAACA3 17,145,76
dnd-rat:fbr 31 umol/L CRNGDP 3,203,82
dnd-rat:lvr 30 umol/L SinJF# 26OCT82
dns-rat:lvr 1 mmol/L/4H CNREA8 37,1845,77
dns-rat:oth 500 ng/L PAACA3 17,145,76
dns-rat-orl 1 gm/kg PAACA3 25,107,84
dni-rat-orl 80 mg/kg PAACA3 10,94,69
dni-rat:oth 500 ug/L PAACA3 17,145,76
pic-rat:emb 100 ug/L CSHCAL 4,1521,77
cyt-rat-ivn 50 mg/kg GANNA2 64,637,73
sce-rat-ipr 15 mg/kg CGCGBR 35,81,83
sce-rat-ivn 50 mg/kg CHROAU 81,473,80
sce-rat:lvr 1 umol/L MUREAV 91,467,81
sce-rat:bmr 256 mg/L JJINDB 67,831,81
sce-rat:oth 40 umol/L MUREAV 93,409,82
sce-rat:ast 1 mmol/L MUREAV 122,47,83
dlt-rat-ivn 20 mg/kg TJADAB 16,115,77
msc-rat:emb 100 ug/L JTEHD6 4,79,78
msc-rat:mmr 1 mg/L JJINDB 70,777,83
msc-rat:lvr 1 umol/L MUREAV 130,53,84
mnt-mus-ipr 25 mg/kg MUREAV 124,247,83
otr-mus:fbr 20 ug/L AETODY 1,133,80
otr-mus:oth 100 ug/L IJCNAW 4,166,69
otr-mus:mmr 1 ug/L CNREA8 39,1784,79
dnd-mus:lvr 6 umol/L JJINDB 62,947,79
dnd-mus-skn 192 umol/kg CRNGDP 5,231,84
dnd-mus-orl 40 mg/kg CNREA8 27,1678,67
dnd-mus:emb 25 ug/L CALEDQ 20,165,83
dnd-mus:ast 5 umol/L MUREAV 89,95,81
dnd-mus:mmr 65 umol/L JJINDB 61,465,78
dnd-mus-unk 1 umol/L FEBLAL 82,278,77
dnd-mus:oth 10 mg/L CBINA8 28,47,79
dni-mus-skn 2 umol/kg CNREA8 34,771,74
dni-mus:oth 20 umol/L JJINDB 65,1321,80
dni-mus-ipr 20 gm/kg ARGEAR 31,605,81
cnd-mus:oth 50 mg/L CALEDQ 21,285,84
dns-mus:fbr 1 mmol/L VOONAW 28(11),53,82
cyt-mus-scu 60 mg/kg GANNA2 60,91,69
cyt-mus:emb 10 mg/L CHROAU 23,162,67
cyt-mus:leu 50 ug/L/17H-C IJCNAW 9,435,72
sce-mus/lng 25 mg/kg PSEBAA 158,269,78
sce-mus:emb 100 nmol/L CMMUAO 6,1,80
sce-mus-par 200 mg/kg ENMUDM 6,469,84
dlt-mus-orl 200 mg/kg MUREAV 91,273,81
msc-mus:oth 500 nmol/L CRNGDP 5,301,84
msc-mus:oth 250 ug/L PAACA3 21,108,80
msc-mus:lym 250 ug/L MUREAV 125,291,84
hma-mus/ast 960 ug/kg CNREA8 29,157,69
spm-mus-ipr 40 mg/kg/2D MUREAV 136,81,84
mnt-ham-ipr 50 mg/kg CCSUDL 3,423,78
mma-ham:lng 32500 nmol/L MUREAV 46,27,77
otr-ham-skn 5 pph/5W-I CNREA8 44,2062,84
otr-ham-ipr 800 mg/kg ARPAAQ 95,380,73
otr-ham:emb 200 ug/L CNREA8 32,1391,72
otr-ham-par 300 ug/L PNASA6 56,672,66
dnd-ham-orl 30 mg/kg CBINA8 37,199,81
dnd-ham:emb 500 ug/L CNREA8 44,2878,84
dnd-ham:lng 30 umol/L/2H BBRCA9 72,732,76
dnd-ham:oth 100 ug/L CNREA8 43,163,83
dns-ham:emb 500 ug/L/18H CBINA8 13,105,76
dns-ham:oth 100 ug/L EVSRBT 27,277,83
cyt-ham:ovr 60 umol/L MUREAV 111,209,83
cyt-ham-scu 32 umol/kg HEREAY 61,1,69
cyt-ham-ipr 25 mg/kg CCSUDL 3,423,78
cyt-ham:lng 1 mg/L/24H TOLED5 17,335,83
cyt-ham:fbr 100 ug/L BJCAAI 30,103,74
cyt-ham:emb 100 ug/L IJCNAW 20,768,77
sce-ham-ipr 15 mg/kg CCSUDL 3,423,78
sce-ham:lng 5 ug/L PAACA3 21,118,80
sce-ham:ovr 10 umol/L CRNGDP 1,779,80
sce-ham:fbr 200 umol/L MUREAV 93,409,82
sce-ham-skn 5000 ppm CNREA8 39,2510,79
sce-ham:unk 7500 ug/kg EXPEAM 33,25,77
msc-ham:lng 500 nmol/L CRNGDP 5,301,84
msc-ham:ovr 1 umol/L PAACA3 21,39,80
msc-ham:fbr 100 ug/L DTESD7 8,121,80
msc-ham:emb 100 ug/L CNREA8 44,1445,84
otr-gpg:oth 500 ug/L CNREA8 35,1035,75
sce-pig-orl 85 mg/kg/21W ENMUDM 4,363,82
dnd-mam:lym 100 nmol/1H-C CNREA8 37,3126,77
sce-pig-orl 200 mg/kg/160D-I MUREAV 116,349,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T72T82 orl-rat TDLo:672 mg/kg (15D pre-5D post) DOESD6 54,410,81
2T41T82 ipr-rat TDLo:25 mg/kg (8-12D preg) FEPRA7 37,853,78
3T15T16T81 ipr-rat TDLo:30300 ug/kg (8-12D preg) PPASAK 52,34,78
3T41T85T87 ipr-rat TDLo:6060 ug/kg (8-12D preg) IRLCDZ 7,358,79
3T41T42T43 ivn-rat TDLo:20 mg/kg (9D preg) IARCCD 4,112,73
1T46 ivn-rat TDLo:20 mg/kg (13D preg) IARCCD 4,112,73
1T35 ivn-rat TDLo:20 mg/kg (5D preg) IARCCD 4,112,73
1T35 ivn-rat TDLo:25 mg/kg (1D male) KDIKAX 41,141,80
2T01T02 ivn-rat TDLo:31 mg/kg (1D male) JEMEAV 118,27,63
1T02 ivn-rat TDLo:10 mg/kg (1D male) JRPFA4 12,377,66
1T82 orl-mus TDLo:100 mg/kg (16D pre-5D post) DOESD6 54,410,81
1T53 orl-mus TDLo:33 mg/kg (7-16D preg) TJADAB 17,33A,78
1T75 orl-mus TDLo:330 mg/kg (7-16D preg) TJADAB 17,33A,78
1T91 orl-mus TDLo:50 mg/kg (7-16D preg) TJADAB 17,33A,78
1T27 orl-mus TDLo:150 mg/kg (14-18D preg) VAPHDQ 372,29,76
2T25T46 ipr-mus TDLo:25 mg/kg (12D preg) TJADAB 16,147,77
1T91 unk-mus TDLo:15 mg/kg (11-13D preg) TOXID9 1,104,81
1T53 orl-pig TDLo:215 mg/kg (1-16W preg/58D post) TJADAB 29(2),45A,84
2T12T72 orl-gpg TDLo:1 gm/kg (27D pre-5D post) DOESD6 54,410,81
1T82 orl-gpg TDLo:500 mg/kg (27D pre-5D post) DOESD6 54,410,81

TUMORIGENIC DATA AND REFERENCES:

3V01A60T65 orl-rat TDLo:37500 ug/kg (14-20D preg) CCSUDL 3,413,78
2V01R60 orl-rat TDLo:15 mg/kg LIFSAK 7,259,68
2V03R60 skn-rat TDLo:60 mg/kg/30W-I JCUPBN 7,277,80
3V03T65A60 ipr-rat TDLo:24 mg/kg (20D preg) CCSUDL 3,413,78
2V03R60 ipr-rat TDLo:25 mg/kg CNREA8 39,3968,79
1V02 scu-rat TDLo:1100 ug/kg/50D-I 85DLAB -,-,75
3V03T65A60 ivn-rat TDLo:15 mg/kg (21D preg) JNCIAM 52,1365,74
2V03R60 ivn-rat TDLo:30 mg/kg IJCNAW 31,321,83
2V01V10 ims-rat TDLo:2400 ug/kg NTIS** DOE/EV/03140-5
3V03T65A60 ivn-rat TDLo:15 mg/kg (21D preg) NEOLA4 23,285,76
2V03T63 imp-rat TDLo:11 ug/kg NISFAY 34,1853,82
2V03K60 orl-mus TDLo:4 mg/kg NATUAS 189,497,61
2V02R60 skn-mus TDLo:103 ug/kg CNREA8 39,1934,79
3V03T65J60 ipr-mus TDLo:112 mg/kg (14-21D preg) IJCNAW 4,219,69
3V02T65J60 scu-mus TDLo:60 mg/kg (13-17D preg) LIFSAK 26,1955,80
2V02V10 scu-mus TDLo:1880 ug/kg/47W-I JNCIAM 37,825,66
3V02T63T64 ivn-mus TDLo:120 mg/kg (18-20D preg) VOONAW 20(8),65,74
3V01P61R60 ivn-mus TDLo:4800 mg/kg/24W-I APJAAG 31,799,81
3V02T65J60 ivn-mus TDLo:120 mg/kg (18-20D preg) VOONAW 20(8),65,74
2V01J60 itr-mus TDLo:4 mg/kg AJCAA7 35,538,39
2V03V10 imp-mus TDLo:40 mg/kg OSOMAE 48,47,79
3V01T64T69 ivg-mus TDLo:744 mg/kg/31W-I BJCAAI 20,184,66
3V01T65J60 ivg-mus TDLo:40 mg/kg (19D preg) VOONAW 22(6),44,76
2V03V10 par-dog TDLo:1235 mg/kg/52W-I JJINDB 65,921,80
2V03J61 itr-dog TDLo:11 mg/kg/53W-I JTCSAQ 49,364,65
3V03U30V10 imp-dog TDLo:378 mg/kg/52W-C JJINDB 65,921,80
2V01R60 skn-mky TDLo:1600 mg/kg/65W-I JNCIAM 57,1269,76
2V03R60 skn-rbt TDLo:7 mg/kg/8W-I ONCOAR 15,98,62
3V02T65C18 ivn-rbt TDLo:20 mg/kg (25D preg) BEXBAN 85,369,78
2V03H60 skn-gpg TDLo:240 mg/kg 20W-I PGTCA4 5,120,79
2V03V10 scu-gpg TDLo:20 mg/kg/9W-I COREAF 252,1236,61
2V03V10 imp-gpg TDLo:100 mg/kg COREAF 252,1236,61
2V02R60 orl-ham TDLo:80 mg/kg PEXTAR 26,128,83
3V02T65R60 orl-ham TDLo:25 mg/kg (15D preg) PAACA3 18,1,77
2V01R60 skn-ham TDLo:1600 ug/kg PEXTAR 26,128,83
3V01R60V10 scu-ham TDLo:400 ug/kg BJCAAI 21,184,67
3V03J60T64 ivn-ham TDLo:24 mg/kg/13W-I INURAQ 15,42,77
2V03Q60 ims-ham TDLo:12500 ug/kg CMBID4 24,127,79
3V03J60J61 itr-ham TDLo:5200 ug/kg/13W-I EJCAAH 10,483,74
3V02R60V10 mul-ham TDLo:272 gm/kg/18W-I AEMBAP 91,57,77
2V02V10 ims-ckn TDLo:125 mg/kg/2W-I BJCAAI 41,130,80
2V03R60 skn-grb TDLo:70 mg/kg/7W-I CNREA8 26,844,66
2V03V10 ims-grb TDLo:350 ug/kg/7W-I CNREA8 26,844,66
3V02R60V10 scu-rat TD :20 mg/kg/39D-I CNREA8 31,1951,71
2V02V10 scu-rat TD :13 mg/kg EJCAAH 6,417,70
3V02P61R60 ivn-rat TD :30 mg/kg KIDZAK 23(Suppl 1),35,71
2V01R60 orl-rat TD :150 mg/kg IJCNAW 26,349,80
2V01R60 orl-rat TD :162 mg/kg/27D-I CNREA8 28,924,68
2V02J60 ivn-mus TD :2050 mg/kg CNREA8 36,2423,76
2V01R60 orl-mus TD :60 mg/kg/2W-I JTEHD6 10,131,82
2V03V10 scu-mus TD :1000 mg/kg/15W-I PRLBA4 129,439,40
3V02R60V10 skn-mus TD :10240 ug/kg CNREA8 41,5193,81
3V02K60R60 orl-rat TD :50 mg/kg CNREA8 39,1293,79

TOXICITY DATA AND REFERENCES:

orl-rat LD50:327 mg/kg GANNA2 68,237,77
ivn-rat LD50:54 mg/kg SCIEAS 147,1153,65
orl-mus LD50:340 mg/kg SCIEAS 147,1153,65
* ipr-mus LD50:54 mg/kg PWPSA8 24,177,81
* itr-mus LD50:22500 ug/kg PWPSA8 24,177,81
scu-gpg LDLo:20 mg/kg COREAF 252,1236,61

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 32XPAD -,49,75; PEXTAR 5,157,64; CNREA8 17,432,57; 85DHAX Pc,4,72; APLMAS 107,54,83

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4025000 BENZ(a)ANTHRACENE-d16, 7,12-DIMETHYL-

UPDT:8401 CAS: 32976-87-7 MW: 272.36 MOLFM: C20-D16
SYN: 7,12-DIMETHYLBENZ(a)ANTHRACENE-d16 * 7,12-DIMETHYLBENZ(a)ANTHRACENE deuterated

TUMORIGENIC DATA AND REFERENCES:

2V03V10 scu-mus TDLo:60 mg/kg/9W-I NATWAY 58,371,71

STATUS:

MEET[c] CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4075000 BENZ(a)ANTHRACENE, 1,7-DIMETHYL-

UPDT:8401 CAS: 21297-20-1 MW: 256.36 MOLFM: C20-H16
SYN: 1,7-DIMETHYL BENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:

slt-dmg-par 1 mmol/L IJCNAW 6,250,70

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CW4100000 BENZ(a)ANTHRACENE, 8,9-DIMETHYL-

UPDT:8401 CAS: 58430-00-5 MW: 256.36 MOLFM: C20-H16
SYN: 5,6-DIMETHYL 1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10 skn-mus TDLo:500 mg/kg/21W-I PRLBA4 117,318,35

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4375000 BENZ(a)ANTHRACENE, 9,10-DIMETHYL-

UPDT:8401 CAS: 57-97-6 MW: 256.36 MOLFM: C20-H16
SYN: 6,7-DIMETHYL 1,2-BENZANTHRACENE * 9,10-DIMETHYLBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:

mma-sat 2500 ug/plate BJCAAI 37,873,78
dns-rat:lvr 50 umol/L ENMUDM 3,11,81
dnd-mus-skn 110 mg/L CNREA8 32,643,72
dni-mus-ipr 100 mg/kg MUREAV 46,305,77
otr-ham:kdy 80 ug/L BJCAAI 37,873,78

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10 skn-mus TDLo:1250 mg/kg/52W-I PRLBA4 117,318,35

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4390000 BENZ(a)ANTHRACENE, 7,12-DIMETHYL-1-FLUORO-

UPDT:8408 CAS: 68141-57-1 MW: 274.35 MOLFM: C20-H15-F
SYN: 7,12-DIMETHYL 1-FLUOROBENZ(a)ANTHRACENE * 1-FLUORO-7,12-DIMETHYLBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:

msc-ham:lng 1 mg/L MUREAV 136,65,84

TUMORIGENIC DATA AND REFERENCES:

2V03R60 skn-mus TDLo:110 ug/kg CNREA8 39,411,79

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4392000 BENZ(a)ANTHRACENE, 7,12-DIMETHYL-2-FLUORO-

UPDT:8402 MW: 274.35 MOLFM: C20-H15-F

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

SYN: 7,12-DIMETHYL-2-FLUOROBENZ(a)ANTHRACENE * 2-FLUORO-7,12-DIMETHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
dnd-rat-ivn 30 mg/kg JJINDB 70,111,83

CW4400000 BENZ(a)ANTHRACENE, 7,12-DIMETHYL-4-FLUORO-
UPDT:8401 CAS: 737-22-4 MW: 274.35 MOLFM: C20-H15-F
SYN: 7,12-DIMETHYL-4-FLUOROBENZ(a)ANTHRACENE * 4-FLUORO-7,12-DIMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:10 mg/kg NATUAS 273,566,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4410000 BENZ(a)ANTHRACENE, 7,12-DIMETHYL-5-FLUORO-
UPDT:8401 CAS: 794-00-3 MW: 274.35 MOLFM: C20-H15-F
SYN: 7,12-DIMETHYL-5-FLUOROBENZ(a)ANTHRACENE * 5-FLUORO-7,12-DIMETHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
dni-hmn:hla 70 umol/L MUREAV 92,427,82
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:823 mg/kg/10W-I JMCMAR 21,1076,78
2V03R60 skn-mus TDLo:110 ug/kg CNREA8 39,411,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4420000 BENZ(a)ANTHRACENE, 7,12-DIMETHYL-8-FLUORO-
UPDT:8401 CAS: 2023-60-1 MW: 274.35 MOLFM: C20-H15-F
SYN: 7,12-DIMETHYL-8-FLUOROBENZ(a)ANTHRACENE * 8-FLUORO-7,12-DIMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:10 mg/kg NATUAS 273,566,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4440000 BENZ(a)ANTHRACENE, 7,12-DIMETHYL-10-FLUORO-
UPDT:8410 MW: 274.35 MOLFM: C20-H15-F
MUTATION DATA AND REFERENCES:
msc-ham:lng 25 ug/L MUREAV 136,65,84

CW4460000 BENZ(a)ANTHRACENE, 7,12-DIMETHYL-11-FLUORO-
UPDT:8401 CAS: 2023-61-2 MW: 274.35 MOLFM: C20-H15-F
SYN: 7,12-DIMETHYL-11-FLUOROBENZ(a)ANTHRACENE * 11-FLUORO-7,12-DIMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:10 mg/kg NATUAS 273,566,78
2V03R60 skn-mus TDLo:110 ug/kg CNREA8 39,411,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4550000 BENZ(a)ANTHRACENE, 7,12-DIMETHYL-8-PROPYL-
UPDT:8401 CAS: 63020-33-7 MW: 298.45 MOLFM: C23-H22
SYN: 5-n-PROPYL-9,10-DIMETHYL-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:200 mg/kg CNREA8 1,685,41
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4590000 BENZ(a)ANTHRACENE-3,9-DIOL
UPDT:8401 CAS: 56614-97-2 MW: 260.30 MOLFM: C18-H12-O2
SYN: 3,9-DIHYDROXYBENZ(a)ANTHRACENE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:25 mg/kg (1D pre) JMCMAR 25,323,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
(-)(3R,4R)-trans-BENZ(a)ANTHRACENE-3,4-DIOL see: CW1784000
BENZ(a)ANTHRACENE-5,6-DIOL 5,6-DIHYDRO- (9CI) see: CW1785900

CW4630000 BENZ(a)ANTHRACENE-5,6-DIOL, 5,6-DIHYDRO-, (Z)-
UPDT:8402 CAS: 32273-17-4 MW: 238.30 MOLFM: C18-H14-O2
SYN: BA 5,6-cis-DIHYDRODIOL * BENZ(a)ANTHRACENE 5,6-cis-DIHYDRODIOL * cis-5,6-DIHYDRO-5,6-DIHYDROXYBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
otr-ham:emb 2500 ug/L CNREA8 32,1391,72
dns-ham:emb 5 mg/L CBINA8 5,69,72
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CW4631000 BENZ(a)ANTHRACENE-3,4-DIOL, 3,4-DIHYDRO-7-FLUORO-, (E)-
UPDT:8408 MW: 256.29 MOLFM: C18-H13-F-O2
SYN: trans-3,4-DIHYDROXY-3,4-DIHYDRO-7-FLUOROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 15 nmol/plate CNREA8 44,562,84

CW4631500 BENZ(a)ANTHRACENE-10,11-DIOL, 10,11-DIHYDRO-7-FLUORO-, (E)-
UPDT:8408 MW: 256.29 MOLFM: C16-H13-F-O2
SYN: trans-10,11-DIHYDROXY-10,11-DIHYDRO-7-FLUOROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 15 nmol/plate CNREA8 44,562,84
BENZ(a)ANTHRACENE-3,4-DIOL 3,4-DIHYDRO-7-(HYDROXYMETHYL)-12-METHYL see: CW8600000
BENZ(a)ANTHRACENE-3,4-DIOL 3,4-DIHYDRO-12-(HYDROXYMETHYL)-7-MET see: CW8610000

CW4635000 BENZ(a)ANTHRACENE-3,4-DIOL, 7,12-DIMETHYL-
UPDT:8307 CAS: 71964-72-2 MW: 288.36 MOLFM: C20-H16-O2
SYN: 7,12-DIMETHYLBENZ(a)ANTHRACENE-3,4-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate 46OJAN -,675,81

CW4636000 BENZ(a)ANTHRACENE-3,9-DIOL, 7,12-DIMETHYL-
UPDT:8401 CAS: 67448-92-4 MW: 288.36 MOLFM: C20-H16-O2
SYN: 3,9-DIHYDROXY-7,12-DIMETHYLBENZ(a)ANTHRACENE * 7,12-DIMETHYLBENZ(a)ANTHRACENE-3,9-DIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:2500 ug/kg (1D pre) JMCMAR 25,323,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4636200 BENZ(a)ANTHRACENE-3,9-DIOL, 7,12-DIMETHYL-, DIACETATE (ester)
UPDT:8401 CAS: 80150-01-2 MW: 372.44 MOLFM: C24-H20-O4
SYN: 7,12-DIMETHYL-3,9-DIACETOXYBENZ(a)ANTHRACENE * 7,12-DIMETHYLBENZ(a)ANTHRACENE-3,9-DIOL DIACETATE (ester)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:25 mg/kg (1D pre) JMCMAR 25,323,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZ(a)ANTHRACENE 3,4-DIOL-1,2-EPOXIDE-2 see: CX3072000

CW4637000 BENZ(a)ANTHRACENE-3,4-DIOL, 7-(HYDROXYMETHYL)-12-METHYL-
UPDT:8303 CAS: 78776-41-7 MW: 304.36 MOLFM: C20-H16-O3
SYN: 7-(HYDROXYMETHYL)-12-METHYLBENZ(a)ANTHRACENE-3,4-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate 46OJAN -,675,81

CW4637500 BENZ(a)ANTHRACENE-3,4-DIOL, 12-(HYDROXYMETHYL)-7-METHYL-
UPDT:8303 CAS: 78776-42-8 MW: 304.36 MOLFM: C20-H16-O3
SYN: 12-(HYDROXYMETHYL)-7-METHYLBENZ(a)ANTHRACENE-3,4-DIOL * 7-METHYL-12-HYDROXYMETHYLBENZ(a)ANTHRACENE-3,4-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate 46OJAN -,675,81

CW4638000 BENZ(a)ANTHRACENE-3,9-DIOL, 7-METHYL-
UPDT:8401 CAS: 80150-03-4 MW: 274.33 MOLFM: C19-H14-O2
SYN: 3,9-DIHYDROXY-7-METHYLBENZ(a)ANTHRACENE * 7-METHYLBENZ(a)ANTHRACENE-3,9-DIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:25 mg/kg (1D pre) JMCMAR 25,323,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4638500 BENZ(a)ANTHRACENE-3,9-DIOL, 12-METHYL-
UPDT:8401 CAS: 80150-02-3 MW: 274.33 MOLFM: C19-H14-O2
SYN: 3,9-DIHYDROXY-12-METHYLBENZ(a)ANTHRACENE * 12-METHYLBENZ(a)ANTHRACENE-3,9-DIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:25 mg/kg (1D pre) JMCMAR 25,323,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW4640000 BENZ(a)ANTHRACENE-1-alpha,2-beta-DIOL, 1,2,3,4-TETRAHYDRO-3-alpha,4-alpha-EPOXY-, (+-)-(Z)-
UPDT:8308 MW: 278.32 MOLFM: C18-H14-O3
SYN: (+-)-1-alpha,2-beta-DIHYDROXY-3-alpha,4-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE (Z)- * (+-)-cis-3-alpha,4-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE-1-alpha,2-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate CNREA8 43,1656,83
msc-ham:lng 20 umol/L CNREA8 43,1656,83

CW4640050 BENZ(a)ANTHRACENE-1-alpha,2-beta-DIOL, 1,2,3,4-TETRAHYDRO-3-beta,4-beta-EPOXY-, (+-)-(E)-
UPDT:8308 MW: 278.32 MOLFM: C18-H14-O3
SYN: (+-)-1-alpha,2-beta-DIHYDROXY-3-beta,4-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE trans- * (+-)-trans-3-beta,4-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE-1-alpha,2-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate CNREA8 43,1656,83
msc-ham:lng 20 umol/L CNREA8 43,1656,83

CW4640060 BENZ(a)ANTHRACENE-3-alpha,4-beta-DIOL, 1,2,3,4-TETRAHYDRO-1-alpha,2-alpha-EPOXY-, (-)-
UPDT:8408 MW: 278.32 MOLFM: C18-H14-O3
SYN: (-)-(1S,2R,3R,4S)-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 200 pmol/plate CNREA8 43,5821,83
msc-ham:lng 750 nmol/L CNREA8 43,5821,83

CW4640070 BENZ(a)ANTHRACENE-3-alpha,4-beta-DIOL, 1,2,3,4-TETRAHYDRO-1-beta,2-beta-EPOXY-, (+)-
UPDT:8408 MW: 278.32 MOLFM: C18-H14-O3
SYN: (+)-(1R,2S,3R,4S)-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 200 pmol/plate CNREA8 43,5821,83
msc-ham:lng 750 nmol/L CNREA8 43,5821,83

CW4640200 BENZ(a)ANTHRACENE-3-alpha,4-beta-DIOL, 1,2,3,4-TETRAHYDRO-1-beta,2-beta-EPOXY-, (+-)-(Z)-
UPDT:8308 MW: 278.32 MOLFM: C18-H14-O3
SYN: (+-)-3-alpha,4-beta-DIHYDROXY-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE cis- * (+-)-cis-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE-3-alpha,4-beta-DIOL
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate CNREA8 43,1656,83
msc-ham:lng 20 umol/L CNREA8 43,1656,83

CW4640250 BENZ(a)ANTHRACENE-3-beta,4-alpha-DIOL, 1,2,3,4-TETRAHYDRO-1-alpha,2-alpha-EPOXY-, (-)-
UPDT:8408 MW: 278.32 MOLFM: C18-H14-O3
SYN: (-)-(1S,2R,3S,4R)-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 200 pmol/plate CNREA8 43,5821,83
msc-ham:lng 250 nmol/L CNREA8 43,5821,83

CW4640300 BENZ(a)ANTHRACENE-3-beta,4-alpha-DIOL, 1,2,3,4-TETRAHYDRO-1-beta,2-beta-EPOXY-, (+)-
UPDT:8408 MW: 278.32 MOLFM: C18-H14-O3
SYN: (+)-(1R,2S,3S,4R)-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 200 pmol/plate CNREA8 43,5821,83
msc-ham:lng 250 nmol/L CNREA8 43,5821,83

CW4640400 BENZ(a)ANTHRACENE-8-alpha,9-beta-DIOL, 8,9,10,11-TETRAHYDRO-10-alpha,11-alpha-EPOXY-, (+-)-(Z)-
UPDT:8308 MW: 278.32 MOLFM: C18-H14-O3
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate CNREA8 43,1656,83

CW4640450 BENZ(a)ANTHRACENE-8-alpha,9-beta-DIOL, 8,9,10,11-TETRAHYDRO-10-beta,11-beta-EPOXY-, (+-)-(E)-
UPDT:8308 MW: 278.32 MOLFM: C18-H14-O3
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate CNREA8 43,1656,83

CW4640600 BENZ(a)ANTHRACENE-10-alpha,11-beta-DIOL, 8,9,10,11-TETRAHYDRO-8-alpha,9-alpha-EPOXY-, (+-)-, (E)-
UPDT:8308 MW: 278.32 MOLFM: C18-H14-O3
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate CNREA8 43,1656,83
BENZ(a)ANTHRACENE-5,6-EPOXIDE see: DM5315000

CW4900000 BENZ(a)ANTHRACENE, 5,6-EPOXY-5,6-DIHYDRO-
UPDT:8401 CAS: 962-32-3 MW: 244.30 MOLFM: C18-H12-O
SYN: BENZ(a)ANTHRACENE, 5,6-OXIDE * BENZ(a)ANTHRA 5,6-OXIDE * BENZ(3,4)ANTHRA(1,2-b)OXIRENE, 1a,11b-DIHYDRO- (9CI) * BENZO(a)ANTHRACENE 5,6-OXIDE * 3,4-DIHYDRO-3,4-EPOXY-1,2-BENZANTHRACENE * 5,6-EPOXY-5,6-DIHYDROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 3 ug/plate IJCNAW 16,787,75
mma-sat 450 nmol/L BBRCA9 66,693,75
dni-omi 200 ug/L PNASA6 74,1378,77
sln-dmg-par 5 mmol/L CNREA8 33,2354,73
dns-hmn:fbr 10 umol/L/3H IJCNAW 16,284,75
otr-mus:fbr 500 ug/L CNREA8 32,716,72
dnd-ham:kdy 5 mg/L BCPCA6 20,1297,71
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-mus TDLo:400 mg/kg/10W-I IJCNAW 2,500,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW5075000 BENZ(a)ANTHRACENE, 5,6-EPOXY-5,6-DIHYDRO-7-METHYL-
UPDT:8402 CAS: 1155-38-0 MW: 258.33 MOLFM: C19-H14-O
SYN: BENZ(a)ANTHRACENE, 5,6-DIHYDRO-5,6-EPOXY-7-METHYL * 5,6-EPOXY-5,6-DIHYDRO-7-METHYLBENZ(a)ANTHRACENE * 7-METHYLBENZ(a)ANTHRACENE 5,6-OXIDE
MUTATION DATA AND REFERENCES:
dnr-esc 100 umol/L ZKKOBW 92,157,78
dns-esc 1 mmol/L ZKKOBW 92,157,78
dnd-omi 6600 umol/L ZKKOBW 90,37,77
pic-omi 17900 nmol/L NNBYA7 234,186,71
slt-dmg-par 5 mmol/L CNREA8 33,2354,73

BEST COPY AVAILABLE

sln-dmg-par 5 mmol/L CNREA8 33,2354,73
dnd-sal:spr 100 mg/L CNREA8 33,2386,73
otr-mus:fbr 50 ug/L CNREA8 32,716,72
oms-mus:emb 1 mg/L CNREA8 36,2306,76
dnd-ham:kdy 5 mg/L BCPCA6 20,1297,71
dnd-mam:lym 2 mg CBINA8 14,13,76

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:120 mg/kg/20W-I PSEBAA 124,915,67
2V02V10 scu-mus TDLo:400 mg/kg/10W-I IJCNAW 2,500,67
2V03V10 scu-mus TD :43 mg/kg PSEBAA 124,915,67

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW5080000 BENZ(a)ANTHRACENE, 7-(EPOXYETHYL)-
UPDT:8401 CAS: 61695-72-5 MW: 270.34 MOLFM: C20-H14-O
SYN: 7-BENZANTHRYLOXIRANE * 7-(EPOXYETHYL)-BENZ(a)ANTHRACENE * OXIRANE, BENZ(a)ANTHRACEN-7-YL

MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate CNREA8 38,3247,78
dnd-omi 1100 umol/L CNREA8 38,3247,78

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:11 mg/kg/40D-I CALEDQ 1,339,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW5250000 BENZ(a)ANTHRACENE-7-ETHANOL
UPDT:8401 CAS: 63020-45-1 MW: 272.36 MOLFM: C20-H16-O
SYN: 10-beta-HYDROXYETHYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 skn-mus TDLo:1220 mg/kg/51W-I PRLBA4 131,170,42
2V03V10 scu-mus TDLo:1700 mg/kg/26W-I PRLBA4 129,439,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW5300000 BENZ(a)ANTHRACENE-7-ETHANOL, 12-METHYL-
UPDT:8401 CAS: 13345-58-9 MW: 286.39 MOLFM: C21-H18-O
SYN: 7-(2-HYDROXYETHYL)-12-METHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 ims-rat TDLo:50 mg/kg BCPCA6 16,607,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW5425000 BENZ(a)ANTHRACENE, 7-(ETHOXYMETHYL)-
UPDT:8401 CAS: 63019-29-4 MW: 286.39 MOLFM: C21-H18-O
SYN: 10-ETHOXYMETHYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1200 mg/kg/50W-I PRLBA4 129,439,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW5600000 BENZ(a)ANTHRACENE, 7-ETHOXY-12-METHYL-
UPDT:8401 CAS: 16354-48-6 MW: 286.39 MOLFM: C21-H18-O
SYN: 7-ETHOXY-12-METHYLBENZ(a)ANTHRACENE * 9-METHYL-10-ETHOXYMETHYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:50 mg/kg CNREA8 29,506,69
2V02V10 ims-rat TD :50 mg/kg PNASA6 58,2253,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW5650000 BENZ(a)ANTHRACENE, 7-ETHOXYMETHYL-12-METHYL-
UPDT:8401 MW: 300.42 MOLFM: C22-H20-O
SYN: 7-ETHOXYMETHYL-12-METHYLBENZ(a)ANTHRACENE * 9-METHYL-10-ETHOXYMETHYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:80 mg/kg CNREA8 6,454,46

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW5775000 BENZ(a)ANTHRACENE, 7-ETHYL-
UPDT:8401 CAS: 3697-30-1 MW: 256.36 MOLFM: C20-H16
SYN: 7-ETHYLBENZ(a)ANTHRACENE * 10-ETHYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:600 mg/kg JNCIAM 1,303,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW5850000 BENZ(a)ANTHRACENE, 8-ETHYL-
UPDT:8401 CAS: 56961-62-7 MW: 256.36 MOLFM: C20-H16
SYN: 5-ETHYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:650 mg/kg/27W-I PRLBA4 123,343,37

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW5860000 BENZ(a)ANTHRACENE, 12-ETHYL-
UPDT:8401 CAS: 18868-66-1 MW: 256.36 MOLFM: C20-H16
SYN: 12-ETHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 ims-rat TDLo:50 mg/kg CNREA8 29,506,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW5950000 BENZ(a)ANTHRACENE, 7-ETHYL-5-METHOXY-
UPDT:8401 CAS: 63020-60-0 MW: 276.29 MOLFM: C21-H8-O
SYN: 3-METHOXY-10-ETHYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:900 mg/kg JNCIAM 1,303,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW6125000 BENZ(a)ANTHRACENE, 7-ETHYL-12-METHYL-
UPDT:8401 CAS: 16354-50-0 MW: 270.39 MOLFM: C21-H18
SYN: 7-ETHYL-12-METHYLBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:
cyt-rat-ivn 50 mg/kg GANNA2 64,637,73

TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:50 mg/kg PNASA6 58,2253,67
2V03V10 ims-rat TD :50 mg/kg BCPCA6 16,607,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW6300000 BENZ(a)ANTHRACENE, 12-ETHYL-7-METHYL-
UPDT:8401 CAS: 16354-55-5 MW: 270.39 MOLFM: C21-H18
SYN: 12-ETHYL-7-METHYLBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:
cyt-rat-ivn 50 mg/kg GANNA2 64,637,73

TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:50 mg/kg PNASA6 58,2253,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW6475000 BENZ(a)ANTHRACENE, 4-FLUORO-
UPDT:8401 CAS: 388-72-7 MW: 246.29 MOLFM: C18-H11-F
SYN: 4-FLUOROBENZANTHRACENE * 4-FLUOROBENZ(a)ANTHRACENE * 4-FLUORO-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:5 mg/kg CNREA8 23,229,63
2V03V10 scu-mus TDLo:41 mg/kg CNREA8 23,229,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW6550000 BENZ(a)ANTHRACENE, 5-FLUORO-7-HYDROXYMETHYL-12-METHYL-
UPDT:8402 CAS: 67639-47-8 MW: 290.35 MOLFM: C20-H15-F-O
SYN: 5-FLUORO-7-HYDROXYMETHYL-12-METHYLBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:
dnd-mam:lym 50 mg/L LIFSAK 28,1175,81

CW6600000 BENZ(a)ANTHRACENE, 2-FLUORO-7-METHYL-
UPDT:8401 CAS: 1994-57-6 MW: 260.32 MOLFM: C19-H13-F
SYN: 2-FLUORO-7-METHYLBENZ(a)ANTHRACENE * 7-METHYL-2-FLUOROBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:10 mg/kg NATUAS 273,566,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW6825000 BENZ(a)ANTHRACENE, 3-FLUORO-7-METHYL-
UPDT:8401 CAS: 2606-87-3 MW: 260.32 MOLFM: C19-H13-F
SYN: 3-FLUORO-7-METHYLBENZ(a)ANTHRACENE * 3-FLUORO-10-METHYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:9 mg/kg CNREA8 23,229,63
2V03R60 skn-mus TDLo:120 mg/kg/20W-I CNREA8 23,229,63
2V02V10 scu-mus TDLo:43 mg/kg CNREA8 23,229,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW6910000 BENZ(a)ANTHRACENE, 4-FLUORO-10-METHYL-
UPDT:8401 CAS: 2990-70-7 MW: 260.32 MOLFM: C19-H13-F
SYN: 4-FLUORO-10-METHYLBENZ(a)ANTHRACENE * 4-FLUORO-10-METHYL-1,2-BENZANTHRACENE

MUTATION DATA AND REFERENCES:
otr-mus:oth 100 ug/L IJCNAW 4,166,69

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CW7175000 BENZ(a)ANTHRACENE, 6-FLUORO-7-METHYL-
UPDT:8401 CAS: 2541-68-6 MW: 260.32 MOLFM: C19-H13-F
SYN: 6-FLUORO-7-METHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:9 mg/kg CNREA8 23,229,63
2V02V10 ims-rat TDLo:10 mg/kg NATUAS 273,566,78
2V02R60 skn-mus TDLo:120 mg/kg/20W-I CNREA8 23,229,63
2V02V10 scu-mus TDLo:43 mg/kg CNREA8 23,229,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW7350000 BENZ(a)ANTHRACENE, 9-FLUORO-7-METHYL-
UPDT:8401 CAS: 1881-75-0 MW: 260.32 MOLFM: C19-H13-F
SYN: 6-FLUORO-10-METHYL-1,2-BENZANTHRACENE * 9-FLUORO-7-METHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:10 mg/kg NATUAS 273,566,78
2V02R60 skn-mus TDLo:120 mg/kg/20W-I CNREA8 23,229,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW7525000 BENZ(a)ANTHRACENE, 10-FLUORO-7-METHYL-
UPDT:8401 CAS: 1881-76-1 MW: 260.32 MOLFM: C19-H13-F
SYN: 7-FLUORO-10-METHYL-1,2-BENZANTHRACENE * 10-FLUORO-7-METHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:9 mg/kg CNREA8 23,229,63
2V02R60 skn-mus TDLo:120 mg/kg/20W-I CNREA8 23,229,63
2V02V10 scu-mus TDLo:43 mg/kg CNREA8 23,229,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW7600000 BENZ(a)ANTHRACENE, 8-HEPTYL-
UPDT:8401 CAS: 63019-32-9 MW: 326.51 MOLFM: C25-H26
SYN: 8-HEPTYLBENZ(a)ANTHRACENE * 5-n-HEPTYLBENZ(1,2)BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 skn-mus TDLo:1970 mg/kg/82W-I PRLBA4 131,170,42

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW7700000 BENZ(a)ANTHRACENE, 8-HEXYL-
UPDT:8401 CAS: 63019-34-1 MW: 312.48 MOLFM: C24-H24
SYN: 5-n-HEXYL-1,2-BENZANTHACENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1050 mg/kg/44W-I PRLBA4 129,439,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW7750000 BENZ(a)ANTHRACENE, 7-(IODOMETHYL)-12-METHYL-
UPDT:8401 CAS: 27018-50-4 MW: 382.25 MOLFM: C20-H15-I
SYN: 7-IODOMETHYL-12-METHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:150 mg/kg/39D-I CNREA8 31,1951,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW7875000 BENZ(a)ANTHRACENE, 8-ISOPROPYL-
UPDT:8401 CAS: 63020-47-3 MW: 270.39 MOLFM: C21-H18
SYN: 8-ISOPROPYLBENZ(a)ANTHRACENE * 5-ISOPROPYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:840 mg/kg/35W-I PRLBA4 129,439,40
2V03V10 scu-mus TDLo:3000 mg/kg/45W-I PRLBA4 129,439,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW7950000 BENZ(a)ANTHRACENE, 9-ISOPROPYL-
UPDT:8401 CAS: 63020-48-4 MW: 270.39 MOLFM: C21-H18
SYN: 6-ISOPROPYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:700 mg/kg/29W-I PRLBA4 111,485,32

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZ(a)ANTHRACENE, 7-MERCAPTO- see: CX3500000

CW8050000 BENZ(a)ANTHRACENE-7-METHANEDIOL DIACETATE (ester)
UPDT:8401 CAS: 17012-91-8 MW: 358.41 MOLFM: C23-H18-O4
SYN: 7-DIACETOXYMETHYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-mus TDLo:120 mg/kg/6W-I IJCNAW 2,500,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW8225000 BENZ(a)ANTHRACENE-7-METHANETHIOL
UPDT:8401 CAS: 63018-59-7 MW: 274.39 MOLFM: C19-H14-S
SYN: 1,2-BENZANTHRYL-10-METHYLMERCAPTAN

TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-mus TDLo:80 mg/kg CNREA8 6,454,46

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

CW8400000 BENZ(a)ANTHRACENE-7-METHANOL
UPDT:8406 CAS: 16110-13-7 MW: 258.33 MOLFM: C19-H14-O
SYN: 7-HMBA * 7-HYDROXYMETHYLBENZ(a)ANTHRACENE * 10-HYDROXYMETHYL-1,2-BENZANTHRACENE
MUTATION DATA AND REFERENCES:
dnd-omi 30 umol/L — CBINAB 31,51,80
otr-mus:nth 100 ug/L — IJCNAW 13,304,74
dnd-mus:emb 800 ug/L — CNREA8 33,2386,73
dnd-mam:lym 30 umol/L — CBINAB 31,51,80
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:56 mg/kg/60W-I — CNREA8 43,2034,83
2V03V10 scu-mus TDLo:1000 mg/kg/16W-I — PRLBA4 129,439,40
3V03R60V10 skn-mus TD :700 mg/kg/29W-I — PRLBA4 129,439,40
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW8575000 BENZ(a)ANTHRACENE-7-METHANOL ACETATE
UPDT:8401 CAS: 17526-24-8 MW: 300.37 MOLFM: C21-H16-O2
SYN: ACETIC ACID, BENZ(a)ANTHRACENE-7-METHANOL ESTER * 10-ACETOXYMETHYL-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:16 mg/kg/17W-I — VOONAW 21(10),50,75
2V03V10 scu-mus TDLo:1200 mg/kg/17W-I — PRLBA4 129,439,40
3V03R60V10 skn-mus TD :744 mg/kg/31W-I — PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW8600000 BENZ(a)ANTHRACENE-7-METHANOL, 3,4-DIHYDRO-3,4-DIHYDROXY-12-METHYL-, (E)-
UPDT:8403 CAS: 69260-84-0 MW: 306.38 MOLFM: C20-H18-O3
SYN: BENZ(a)ANTHRACENE-3,4-DIOL, 3,4-DIHYDRO-7-(HYDROXYMETHYL)-12-METHYL- * trans-3,4-DIHYDROXY-3,4-DIHYDRO-7-HYDROXYMETHYL-12-METHYLBENZ(a)ANTHRACENE * (E)-3,4-DIHYDROXY-12-METHYL-3,4-DIHYDROBENZ(a)ANTHRACENE-7-METHANOL
MUTATION DATA AND REFERENCES:
mma-sat 5 nmol/plate — CNREA8 40,3661,80

CW8610000 BENZ(a)ANTHRACENE-12-METHANOL, 3,4-DIHYDRO-3,4-DIHYDROXY-7-METHYL-, (E)-
UPDT:8403 CAS: 69260-83-9 MW: 306.38 MOLFM: C20-H18-O3
SYN: BENZ(a)ANTHRACENE-3,4-DIOL, 3,4-DIHYDRO-12-(HYDROXYMETHYL)-7-METHYL- trans- * trans-3,4-DIHYDROXY-3,4-DIHYDRO-7-METHYL-12-HYDROXYMETHYLBENZ(a)ANTHRACENE * (E)-3,4-DIHYDROXY-7-METHYL-3,4-DIHYDROBENZ(a)ANTHRACENE-12-METHANOL
MUTATION DATA AND REFERENCES:
mma-sat 35 nmol/plate — CNREA8 40,3661,80
mma-ham:lng 400 nmol/L — PNASA6 76,862,79

CW8750000 BENZ(a)ANTHRACENE-7-METHANOL, 12-METHYL-
UPDT:8406 CAS: 568-75-2 MW: 272.36 MOLFM: C20-H16-O
SYN: 7-HM-12-MBA * 7-HYDROXYMETHYL-12-METHYLBENZ(a)ANTHRACENE * 12-METHYLBENZ(a)ANTHRACENE-7-METHANOL * 7-OHM-MBA * 7-OHM-12-MBA
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate — PNASA6 72,5105,75
dnr-esc 250 mg/L — JJIND8 62,873,79
dni-omi 2 mg/L — PNASA6 74,1378,77
gnd-rat-ipr 100 umol/kg — CRNGDP 3,297,82
dnd-mus-skn 16 umol/kg — CNREA8 43,4221,83
dnd-mus:emb 50 mg/L — CNREA8 39,1154,79
mma-ham:lng 400 nmol/L — PNASA6 76,862,79
msc-ham:lng 100 nmol/L — PNASA6 76,863,79
dnd-mam:lym 50 gm/L — RCOCB8 22,345,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T31 ivn-rat TDLo:25 mg/kg (12D preg) — IARCCD 4,149,73
1T33 ivn-rat TDLo:25 mg/kg (11D preg) — BJCAAI 26,498,72
3T41T46T52 ivn-rat TDLo:25 mg/kg (13D preg) — IARCCD 4,149,73
3T34T41T46 ivn-rat TDLo:25 mg/kg (11D preg) — NATUAS 226,911,70
3T25T42T43 ivn-rat TDLo:25 mg/kg (8D preg) — BJCAAI 24,548,70
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:50 mg/kg — BJCAAI 22,122,68
2V02V10 scu-rat TDLo:150 mg/kg/39D-I — CNREA8 31,1951,71
2V03V08 ivn-rat TDLo:25 mg/kg — KIDZAK 23(Suppl 1),35,71
3V03R60V10 skn-mus TDLo:16 mg/kg/17W-I — VOONAW 21(10),50,75
2V01V10 scu-mus TDLo:400 mg/kg/10W-I — IJCNAW 2,500,67
2V03P61 ivn-mus TDLo:100 mg/kg — KIDZAK 23(Suppl 1),35,71
TOXICITY DATA AND REFERENCES:
3P05P13P14 ivn-rat LD50:73 mg/kg — KIDZAK 23(Suppl 1),35,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW8925000 BENZ(a)ANTHRACENE-12-METHANOL, 7-METHYL-
UPDT:8406 CAS: 568-70-7 MW: 272.36 MOLFM: C20-H16-O
SYN: 12-HM-7-MBA * 12-HYDROXYMETHYL-7-METHYLBENZ(a)ANTHRACENE * 7-METHYLBENZ(a)ANTHRACENE-12-METHANOL * 7-METHYL-12-HYDROXYMETHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate — 46OJAN -,675,81
mma-ham:lng 400 nmol/L — PNASA6 76,862,79
TUMORIGENIC DATA AND REFERENCES:
3V03M61R60 orl-rat TDLo:150 mg/kg — BJCAAI 22,122,68
2V01V10 scu-mus TDLo:400 mg/kg/10W-I — IJCNAW 2,500,67
2V03R60 par-mus TDLo:400 mg/kg/10W-I — NATUAS 207,816,65
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW9100000 BENZ(a)ANTHRACENE-7-METHANOL, 12-METHYL-, ACETATE
UPDT:8401 CAS: 2517-98-8 MW: 314.40 MOLFM: C22-H18-O2
SYN: 7-ACETOXYMETHYL-12-METHYLBENZ(a)ANTHRACENE * 12-METHYLBENZ(a)ANTHRACENE-7-METHANOL ACETATE (ester)
MUTATION DATA AND REFERENCES:
dnd-mam:lym 50 gm/L — RCOCB8 22,345,78
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:100 mg/kg — JACMAR 10,932,67
2V02V10 scu-rat TDLo:150 mg/kg/39D-I — CNREA8 31,1951,71
2V03V10 scu-mus TDLo:120 mg/kg/6W-I — IJCNAW 2,500,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW9150000 BENZ(a)ANTHRACENE-7-METHANOL, 12-METHYL-, BENZOATE
UPDT:8401 CAS: 31312-29-0 MW: 376.47 MOLFM: C27-H20-O2
SYN: 7-BENZOYLOXYMETHYL-12-METHYLBENZ(a)ANTHRACENE * 12-METHYLBENZ(a)ANTHRACENE-7-METHANOL BENZOATE (ester)
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:20 mg/kg/39D-I — CNREA8 31,1951,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW9275000 BENZ(a)ANTHRACENE, 5-METHOXY-
UPDT:8401 CAS: 56183-20-1 MW: 258.33 MOLFM: C19-H14-O
SYN: 3-METHOXY-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 scu-mus TDLo:400 mg/kg — JNCIAM 1,303,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,2-BENZ(a)ANTHRACENE, 5-METHOXY- see: CW9800000

CW9625000 BENZ(a)ANTHRACENE, 7-METHOXY-
UPDT:8401 CAS: 6366-20-7 MW: 258.33 MOLFM: C19-H14-O
SYN: 10-METHOXY-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:600 mg/kg — JNCIAM 1,303,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CW9800000 BENZ(a)ANTHRACENE, 8-METHOXY-
UPDT:8401 CAS: 63019-69-2 MW: 258.33 MOLFM: C19-H14-O
SYN: 1,2-BENZ(a)ANTHRACENE, 5-METHOXY- * 5-METHOXY-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-mus TDLo:60 mg/kg — BJCAAI 9,457,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX0175000 BENZ(a)ANTHRACENE, 5-METHOXY-7-METHYL-
UPDT:8401 CAS: 966-48-3 MW: 272.36 MOLFM: C20-H16-O
SYN: 3-METHOXY-10-METHYL-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:140 mg/kg — JNCIAM 1,303,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX0350000 BENZ(a)ANTHRACENE, 7-METHOXY-12-METHYL-
UPDT:8401 CAS: 16354-47-5 MW: 272.36 MOLFM: C20-H16-O
SYN: 7-METHOXY-12-METHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:50 mg/kg — CNREA8 29,506,69
2V02V10 ims-rat TD :50 mg/kg — PNASA6 38,2253,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX0525000 BENZ(a)ANTHRACENE, 8-METHOXY-7-METHYL-
UPDT:8401 CAS: 63020-61-1 MW: 272.36 MOLFM: C20-H16-O
SYN: 5-METHOXY-10-METHYL-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-mus TDLo:80 mg/kg — CNREA8 6,454,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX0600000 BENZ(a)ANTHRACENE, 7-(METHOXYMETHYL)-12-METHYL-
UPDT:8401 CAS: 13345-60-3 MW: 286.39 MOLFM: C21-H18-O
SYN: 7-METHOXYMETHYL-12-METHYLBENZ(a)ANTHRACENE * 9-METHYL-10-METHOXYMETHYL-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:100 mg/kg — JMCMAR 10,932,67
2V03V10 scu-rat TDLo:150 mg/kg/39D-I — CNREA8 31,1951,71
2V03V10 scu-mus TDLo:80 mg/kg — CNREA8 6,454,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX0700000 BENZ(a)ANTHRACENE, 1-METHYL-
UPDT:8401 CAS: 2498-77-3 MW: 242.33 MOLFM: C19-H14
SYN: 1-METHYLBENZ(a)ANTHRACENE * 1-METHYL-1,2-BENZANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate — CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:18 mg/kg — JNCIAM 25,387,60
2V03V10 scu-mus TDLo:200 mg/kg — AIHAAP 26,475,65
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX0875000 BENZ(a)ANTHRACENE, 2-METHYL-
UPDT:8401 CAS: 2498-76-2 MW: 242.33 MOLFM: C19-H14
SYN: 2-METHYLBENZ(a)ANTHRACENE * 2-METHYL-1,2-BENZANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate — CNREA8 36,4525,76
dnd-omi 1800 umol/L — ZKKOBW 90,37,77
dnd-omi 1800 umol/L — ZKKOBW 90,37,77
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:210 mg/kg/33W-I — CNREA8 11,892,51
2V03V10 scu-mus TDLo:200 mg/kg — AIHAAP 26,475,65
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX0900000 BENZ(a)ANTHRACENE, 3-METHYL-
UPDT:8401 CAS: 2498-75-1 MW: 242.33 MOLFM: C19-H14
SYN: 3-METHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate — CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:200 mg/kg — AIHAAP 26,475,65
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX1050000 BENZ(a)ANTHRACENE, 4-METHYL-
UPDT:8401 CAS: 316-49-4 MW: 242.33 MOLFM: C19-H14
SYN: 4-METHYLBENZ(a)ANTHRACENE * 4-METHYL-1,2-BENZANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate — CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:18 mg/kg — JNCIAM 25,387,60
3V03R60V10 skn-mus TDLo:2100 mg/kg/89W-I — PRLBA4 129,439,40
3V03J60V10 imp-mus TDLo:80 mg/kg — JNCIAM 2,241,41
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX1225000 BENZ(a)ANTHRACENE, 5-METHYL-
UPDT:8401 CAS: 2319-96-2 MW: 242.33 MOLFM: C19-H14
SYN: 5-METHYLBENZ(a)ANTHRACENE * 5-METHYL-1,2-BENZANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate — CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:18 mg/kg — JNCIAM 25,387,60
3V03R60V10 skn-mus TDLo:1750 mg/kg/73W-I — PRLBA4 129,439,40
2V03V10 scu-mus TDLo:72 mg/kg/9W-I — BAFEAG 49,312,62
2V03V10 scu-mus TD :1360 mg/kg/20W-I — PRLBA4 129,439,40
2V03V10 scu-mus TD :200 mg/kg — AIHAAP 26,475,65
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BEST COPY AVAILABLE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX1400000 BENZ(a)ANTHRACENE, 6-METHYL-

UPDT:8401 CAS: 316-14-3 MW: 242.33 MOLFM: C19-H14

SYN: 6-METHYLBENZ(a)ANTHRACENE * 6-METHYL-1,2-BENZANTHRACENE

MUTATION DATA AND REFERENCES:

	e-mo-sat 10 ug/plate	CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:18 mg/kg	JNCIAM 25,387,60
3V03R60V10	skn-mus TDLo:1080 mg/kg/45W-I	PRLBA4 117,318,35
2V01V10	scu-mus TDLo:200 mg/kg	AIHAAP 26,475,65
2V03V10	scu-mus TD :72 mg/kg/9W-I	BAFEAG 49,312,62

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX1575000 BENZ(a)ANTHRACENE, 7-METHYL-

UPDT:8401 CAS: 2541-69-7 MW: 242.33 MOLFM: C19-H14

SYN: 7-MBA * 10-METHYL-1,2-BENZANTHRACEN (German) * 7-METHYLBENZ(a)ANTHRACENE * 10-METHYL-1,2-BENZANTHRACENE

MUTATION DATA AND REFERENCES:

	mma-sat 20 ug/plate	CNREA8 38,431,78
	mma-sat 10 ug/plate	PNASA6 72,5135,75
	dnd-lbc 200 umol/L	MUREAV 23,113,74
	slt-dmg-par 5 mmol/L	CNREA8 33,2354,73
	sln-dmg-par 5 mmol/L	EJGCA9 4,400,75
	atr-mus-fbr 100 ug/L	CNREA8 32,716,72
	dnd-mus-emb 470 nmol/L	IJCNAW 4,813,69
	dnd-mus-skn 80 umol/kg	CNREA8 33,2378,73
	oms-mus-emb 100 ug/L	CNREA8 36,2306,76
	atr-ham-emb 500 ug/L	CNREA8 32,1391,72
	dnd-ham-fbr 5 mg/L/24H	BCPCA6 20,1297,71
	dnd-ham-emb 4 ug/plate	CHDDAT 278,2249,74
	dnd-ham-kdy 5 mg/L	BCPCA6 20,1297,71
	sce-ham-ovr 8 mg/L	MUREAV 50,367,78
	msc-ham-lng 1 mg/L/48H	MUREAV 43,101,77
	msc-ham-fbr 1 mg/L	DTESD7 8,121,80

TUMORIGENIC DATA AND REFERENCES:

2V03R60	orl-rat TDLo:1000 mg/kg	SCIEAS 137,257,62
2V02V10	scu-rat TDLo:8 mg/kg	PSEBAA 124,915,67
3V02R60V10	skn-mus TDLo:112 mg/kg/20W-I	PSEBAA 124,915,67
2V01V10	scu-mus TDLo:200 mg/kg	AIHAAP 26,475,65
2V02R60	skn-mus TD :1000 ug/kg	CALEDQ 3,247,77
2V03V10	scu-mus TD :2 mg/kg	JNCIAM 1,45,40
2V02R60	skn-mus TD :112 mg/kg/20W-I	CNREA8 23,229,63
2V02V10	scu-mus TD :40 mg/kg	CNREA8 23,229,63
2V02V10	scu-rat TD :8 mg/kg	CNREA8 23,229,63
3V03J60R60	skn-mus TD :360 mg/kg/15W-I	PRLBA4 129,439,40
2V03V10	scu-rat TD :18 mg/kg	JNCIAM 25,387,60
2V02V10	scu-mus TD :40 mg/kg	PSEBAA 124,915,67
2V02V10	scu-mus TD :10 mg/kg	CNREA8 23,229,63
2V02V10	scu-mus TD :400 mg/kg/10W-I	IJCNAW 2,500,67

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX1750000 BENZ(a)ANTHRACENE, 8-METHYL-

UPDT:8401 CAS: 2381-31-9 MW: 242.32 MOLFM: C19-H14

SYN: 8-METHYLBENZ(a)ANTHRACENE * 5-METHYL-1,2-BENZANTHRACENE

MUTATION DATA AND REFERENCES:

	mma-sat 20 ug/plate	CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:18 mg/kg	JNCIAM 25,387,60
3V03R60V10	skn-mus TDLo:1250 mg/kg/52W-I	PRLBA4 117,318,35
2V01V10	scu-mus TDLo:200 mg/kg	AIHAAP 26,475,65
2V03V16	scu-mus TD :200 mg/kg	AJCAA7 33,499,38

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX1925000 BENZ(a)ANTHRACENE, 9-METHYL-

UPDT:8401 CAS: 2381-16-9 MW: 242.33 MOLFM: C19-H14

SYN: 9-METHYLBENZ(a)ANTHRACENE * 6-METHYL-1,2-BENZANTHRACENE

MUTATION DATA AND REFERENCES:

	mma-sat 20 ug/plate	CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:18 mg/kg	JNCIAM 25,387,60
2V03R60	skn-mus TDLo:860 mg/kg/43W-I	JPBAA7 57,467,45
2V03V10	scu-mus TDLo:200 mg/kg	AIHAAP 26,475,65
3V03R60V10	skn-mus TD :1250 mg/kg/52W-I	PRLBA4 117,318,35

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX2100000 BENZ(a)ANTHRACENE, 10-METHYL-

UPDT:8401 CAS: 2381-15-8 MW: 242.33 MOLFM: C19-H14

SYN: 10-METHYLBENZ(a)ANTHRACENE * 7-METHYL-1,2-BENZANTHRACENE

MUTATION DATA AND REFERENCES:

	mma-sat 10 ug/plate	CNREA8 36,4525,76
	atr-ham-emb 10 mg/L	JNCIAM 35,641,65

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:18 mg/kg	JNCIAM 25,387,60
3V03R60V10	skn-mus TDLo:1920 mg/kg/60W-I	PRLBA4 129,439,40
2V03V16	scu-mus TDLo:880 mg/kg/35W-I	AJCAA7 33,499,38
2V03V10	scu-mus TD :2900 mg/kg/44W-I	PRLBA4 129,439,40
2V03V10	scu-rat TD :19 mg/kg	SCPHA4 22,224,54

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX2275000 BENZ(a)ANTHRACENE, 11-METHYL-

UPDT:8401 CAS: 6111-78-0 MW: 242.33 MOLFM: C19-H14

SYN: 11-METHYLBENZ(a)ANTHRACENE * 8-METHYL-1,2-BENZANTHRACENE

MUTATION DATA AND REFERENCES:

	mma-sat 50 ug/plate	CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	skn-mus TDLo:1180 mg/kg/49W-I	PRLBA4 129,439,40
2V01V10	scu-mus TDLo:200 mg/kg	AIHAAP 26,475,65

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX2450000 BENZ(a)ANTHRACENE, 12-METHYL-

UPDT:8401 CAS: 2422-79-9 MW: 242.33 MOLFM: C19-H14

SYN: 12-METHYLBENZ(a)ANTHRACENE * 9-METHYL-1,2-BENZANTHRACENE

MUTATION DATA AND REFERENCES:

	mma-sat 20 ug/plate	CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:

2V03R60	orl-rat TDLo:1000 mg/kg	SCIEAS 137,257,62
3V03Q60V10	scu-rat TDLo:18 mg/kg	JNCIAM 25,387,60
3V03P62R60	skn-mus TDLo:900 mg/kg/38W-I	PRLBA4 129,439,40
2V01V10	scu-mus TDLo:200 mg/kg	AIHAAP 26,475,65
2V03V10	scu-mus TD :140 mg/kg/70D-I	AJCAA7 33,499,38

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX2625000 BENZ(a)ANTHRACENE, 12-METHYL-7-PROPYL-

UPDT:8401 CAS: 16354-54-4 MW: 284.42 MOLFM: C22-H20

SYN: 12-METHYL-7-PROPYLBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:

2V02V10	ims-rat TDLo:50 mg/kg	PNASA6 58,2253,67

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX2700000 BENZ(a)ANTHRACENE, 6-METHYL-1,2,3,4-TETRAHYDRO-

UPDT:8401 CAS: 63020-37-1 MW: 246.37 MOLFM: C19-H18

SYN: 6-METHYL-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE * 6-METHYL-1,2,3,4-TETRAHYDRO-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	imp-mus TDLo:80 mg/kg	JNCIAM 2,241,41

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

7H-BENZ(de)ANTHRACENE-7-ONE see: CX5075000

BENZ(a)ANTHRACENE, 5,6-OXIDE see: CW4900000

BENZ(a)ANTHRACENE 5,6-OXIDE see: DM5315000

CX2800000 BENZ(a)ANTHRACENE, 8-PENTYL-

UPDT:8401 CAS: 63018-99-5 MW: 298.45 MOLFM: C23-H22

SYN: 5-n-AMYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	skn-mus TDLo:790 mg/kg/33W-I	PRLBA4 129,439,40

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX2975000 BENZ(a)ANTHRACENE, 8-PHENYL-

UPDT:8401 CAS: 19383-97-2 MW: 304.40 MOLFM: C24-H16

SYN: 5-PHENYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	skn-mus TDLo:1650 mg/kg/69W-I	PRLBA4 129,439,40

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3050000 BENZ(a)ANTHRACENE, 8-PROPYL

UPDT:8401 CAS: 54889-82-6 MW: 270.39 MOLFM: C21-H18

SYN: 5-n-PROPYL-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	skn-mus TDLo:240 mg/kg/10W-I	PRLBA4 123,343,37

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3055000 BENZ(a)ANTHRACENE, 8,9,10,11-TETRAHYDRO-8-beta,9-alpha-DIHYDROXY-10-alpha,11-alpha-, (E)-

UPDT:8401 CAS: 64598-83-0 MW: 278.32 MOLFM: C18-H14-O3

SYN: BA 8,9-DIOL-10,11-EPOXIDE 1 * (+-)-trans-8beta,9alphaDIHYDROXY-10alpha,11alpha-EPOXY-8,9,10,11-TETRAHYDROBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:22 mg/kg	CNREA8 38,1699,78

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3070000 BENZ(a)ANTHRACENE, 1,2,3,4-TETRAHYDRO-3,4-DIHYDROXY-1,2-EPOXY-, (E)-(+)-

UPDT:8401 MW: 274.28 MOLFM: C18-H10-O3

SYN: BENZ(a)ANTHRACENE, 3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDRO-, (E)-, (+)- * (+)-trans-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE * (+)-trans-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZO(a)ANTHRACENE * DIOL-EPOXIDE 2

TUMORIGENIC DATA AND REFERENCES:

2V02R60	skn-mus TDLo:4400 ug/kg	CNREA8 38,1705,78
2V02R60	skn-mus TD :4390 ug/kg	CNREA8 40,1981,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3071000 BENZ(a)ANTHRACENE, 1,2,3,4-TETRAHYDRO-3,4-DIHYDROXY-1,2-EPOXY-, (±)-(+)-

UPDT:8401 CAS: 64551-89-9 MW: 274.28 MOLFM: C18-H10-O3

SYN: BENZ(a)ANTHRACENE, 3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDRO-, (±)-, (+)- * (+)-cis-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE * (+)-cis-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZO(a)ANTHRACENE * DIOL-EPOXIDE-1

TUMORIGENIC DATA AND REFERENCES:

2V02R60	skn-mus TDLo:4400 ug/kg	CNREA8 38,1705,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3072000 BENZ(a)ANTHRACENE, 1,2,3,4-TETRAHYDRO-3-alpha,4-beta-DIHYDROXY-1-alpha,2-alpha-EPOXY-, (E)-

UPDT:8403 CAS: 64598-80-7 MW: 278.32 MOLFM: C18-H14-O3

SYN: BA 3,4-DIOL-1,2-EPOXIDE 1 * BA 3,4-DIOL-1,2-EPOXIDE-2 * BENZ(a)ANTHRACENE 3,4-DIOL 1,2-EPOXIDE-2 * (+-)-(1R,2S,3R,4R)-3,4-DIHYDRO-3,4-DIHYDROXY-1,2-EPOXYBENZ(a)ANTHRACENE * trans-3-alpha,4-beta-DIHYDROXY-1-alpha,2-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:

	mmo-sat 100 pmol/plate	CNREA8 43,1656,83
	mma-sat 150 pmol/plate	CRNGDP 4,1631,83
	msc-ham-lng 20 umol/L	CNREA8 43,1656,83

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:22 mg/kg	CNREA8 38,1699,78

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3072500 BENZ(a)ANTHRACENE, 1,2,3,4-TETRAHYDRO-1-beta,2-alpha-DIHYDROXY-3-alpha,4-alpha-EPOXY-, (E)-

UPDT:8401 CAS: 64838-75-1 MW: 278.32 MOLFM: C18-H14-O3

SYN: BA 1,2-DIOL-3,4-EPOXIDE 1 * (+-)-trans-1beta,2alpha-DIHYDROXY-3alpha,4alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:22 mg/kg	CNREA8 38,1699,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3074700 BENZ(a)ANTHRACENE, 8,9,10,11-TETRAHYDRO-8-beta,9-alpha-DIHYDROXY-10-alpha,11-alpha-EPOXY-

UPDT:8403

SYN: BENZ(a)ANTHRACENE, 8,9,10,11-TETRAHYDRO-8-alpha,9-beta-DIHYDROXY-10-beta,11-beta-EPOXY- * r-8,t-9-DIHYDROXY-t-10,11-OXY-8,9,10,11-TETRAHYDROBENZ(a)ANTHRACENE * BA 8,9-DIOL 10,11-OXIDE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	SCIEAS 215,1507,82

TOXICITY DATA HAVE NOT BEEN EVALUATED.

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

dnd-omi 3 mg/L CRNGDP 4,1645,83

CX3075000 BENZ(a)ANTHRACENE, 8,9,10,11-TETRAHYDRO-8-beta,9-alpha-DIHYDRO (Y-10-beta,11-beta-EPOXY-, (E)-, (+,-)-
UPDT.8401 CAS: 64598-82-9 MW: 278.32 MOLFM: C18-H14-O3
SYN: (-)-trans-8beta,9alpha,DIHYDROXY-10beta,11beta-EPOXY-8,9,10,11-TETRAHYDROBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 skn-mus TDLo:22 mg/kg CNREA8 38,1699,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3078000 BENZ(a)ANTHRACENE, 8,9,10,11-TETRAHYDRO-10,11-DIHYDROXY-8-alpha,9-alpha-EPOXY-, (E)-, (+,-)-
UPDT.8401 CAS: 64550-80-7 MW: 278.32 MOLFM: C18-H14-O3
SYN: 8A,10,11-DIOL 8,9-EPOXIDE-1
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:22 mg/kg CNREA8 38,1699,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3149000 BENZ(a)ANTHRACENE, 1,2,3,4-TETRAHYDRO-7,12-DIMETHYL-
UPDT.8402 CAS: 67242-54-0 MW: 260.40 MOLFM: C20-H20
SYN: 1,2,3,4-TETRAHYDRO-7,12-DIMETHYLBENZ(a)ANTHRACENE * 1,2,3,4-TETRAHYDRO DMBA * TH-DMBA
MUTATION DATA AND REFERENCES:
mma-sat 2500 ng/plate CRNGDP 4,1221,83
otr-hmn:fbr 500 ug/L CALEDQ 13,119,81
TUMORIGENIC DATA AND REFERENCES:
2V01R60 skn-mus TDLo:200 mg/kg 25W-I CRNGDP 4,1221,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3150000 BENZ(a)ANTHRACENE, 8,9,10,11-TETRAHYDRO-7,12-DIMETHYL-
UPDT.8401 CAS: 25486-91-3 MW: 260.40 MOLFM: C20-H20
SYN: 7,12-DIMETHYL 8,9,10,11-TETRAHYDROBENZ(a)ANTHRACENE * 8,9,10,11-TETRAHYDRO-7,12-DIMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:212 mg/kg/65W-I JNCIAM 44,641,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3154000 BENZ(a)ANTHRACENE, 1,2,3,4-TETRAHYDRO-1,2-EPOXY-
UPDT.8403 CAS: 64521-16-0 MW: 246.32 MOLFM: C18-H14-O
SYN: BENZO(6,7)PHENANTHRO(3,4-b)OXIRENE, 1a,2,3,11c-TETRAHYDRO- (9CI) * 1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE * TETRAHYDROBENZ(a)ANTHRACEN-1,2-EPOXIDE
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate CNREA8 43,1656,83
msc-ham:lng 1200 nmol/L PNASA6 74,2746,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CX3154100 BENZ(a)ANTHRACENE, 1,2,3,4-TETRAHYDRO-1-alpha,2-alpha-EPOXY-, (-)-
UPDT.8408 MW: 246.32 MOLFM: C18-H14-O
SYN: (-)-(1S,2R)-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate CNREA8 43,5821,83
msc-ham:lng 50 nmol/L CNREA8 43,5821,83

CX3154150 BENZ(a)ANTHRACENE, 1,2,3,4-TETRAHYDRO-1-beta,2-beta-EPOXY-, (+)-
UPDT.8409 MW: 246.32 MOLFM: C18-H14-O
SYN: (+)-(1R,2S)-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate CNREA8 43,5821,83
msc-ham:lng 50 nmol/L CNREA8 43,5821,83

CX3154200 BENZ(a)ANTHRACENE, 1,2,3,4-TETRAHYDRO-3,4-EPOXY-
UPDT.8308 MW: 246.32 MOLFM: C18-H14-O
SYN: 3,4-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate CNREA8 43,1656,83
msc-ham:lng 480 nmol/L PNASA6 74,2746,77

CX3154250 BENZ(a)ANTHRACENE, 1,2,3,4-TETRAHYDRO-3-alpha,4-alpha-EPOXY-, (+)-
UPDT.8408 MW: 246.32 MOLFM: C18-H14-O
SYN: (+)-(3S,4R)-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate CNREA8 43,5821,83

CX3154300 BENZ(a)ANTHRACENE, 1,2,3,4-TETRAHYDRO-3-beta,4-beta-EPOXY-, (-)-
UPDT.8408 MW: 246.32 MOLFM: C18-H14-O
SYN: (-)-(3R,4S)-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate MUREAV 43,5821,83

BENZ(a)ANTHRACENE, 8,9,10,11-TETRAHYDRO-8-alpha,9-beta-DIHYDROXY-10-beta,11-beta-EPOXY-
see: CX3074700

CX3325000 BENZ(a)ANTHRACENE, 7,8,9,12-TETRAMETHYL-
UPDT.8401 CAS: 63020-39-3 MW: 284.42 MOLFM: C22-H20
SYN: 5,6,9,10-TETRAMETHYL-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:340 mg/kg/14W-I PRLBA4 129,439,40
2V03V10 scu-mus TDLo:560 mg/kg/22W-I PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3400000 BENZ(a)ANTHRACENE, 7,9,10,12-TETRAMETHYL-
UPDT.8401 CAS: 63019-70-5 MW: 284.42 MOLFM: C22-H20
SYN: 6,7,9,10-TETRAMETHYL-1,2-BENZANTHRACENE * 7,9,10,12-TETRAMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 skn-mus TDLo:270 mg/kg/36W-I CRSBAW 148,812,54
2V03V10 scu-mus TDLo:120 mg/kg/9W-I CRSBAW 148,812,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3560000 BENZ(a)ANTHRACENE-7-THIOL
UPDT.8401 CAS: 63018-57-5 MW: 260.36 MOLFM: C18-H12-S
SYN: BENZ(a)ANTHRACENE, 7-MERCAPTO- * 1,2-BENZANTHRYL-10-MERCAPTAN * 7-MERCAPTOBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-mus TDLo:80 mg/kg CNREA8 6,454,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3675000 BENZ(a)ANTHRACENE, 4,5,10-TRIMETHYL-
UPDT.8401 CAS: 18429-71-5 MW: 270.39 MOLFM: C21-H18
SYN: 4,5,10-TRIMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-rat TDLo:18 mg/kg PSEBAA 128,720,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX3850000 BENZ(a)ANTHRACENE, 4,7,12-TRIMETHYL-
UPDT.8401 CAS: 35187-24-7 MW: 270.39 MOLFM: C21-H18
SYN: 4,7,12-TRIMETHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:10 mg/kg NATUAS 273,566,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX4025000 BENZ(a)ANTHRACENE, 6,7,8-TRIMETHYL-
UPDT.8401 CAS: 20627-32-1 MW: 270.39 MOLFM: C21-H18
SYN: 6,7,8-TRIMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:50 mg/kg CNREA8 29,506,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX4200000 BENZ(a)ANTHRACENE, 6,7,12-TRIMETHYL-
UPDT.8401 CAS: 20627-33-2 MW: 270.39 MOLFM: C21-H18
SYN: 4,9,10-TRIMETHYL-1,2-BENZANTHRACENE * 6,7,12-TRIMETHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
cyt-rat-ivn 50 mg/kg GANNA2 64,637,73
TUMORIGENIC DATA AND REFERENCES:
2V03V10 skn-mus TDLo:670 mg/kg/28W-I CRSBAW 148,812,54
2V03V10 scu-mus TDLo:120 mg/kg/9W-I CRSBAW 148,812,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX4375000 BENZ(a)ANTHRACENE, 6,8,12-TRIMETHYL-
UPDT.8401 CAS: 20627-34-3 MW: 270.39 MOLFM: C21-H18
SYN: 6,8,12-TRIMETHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
cyt-rat-ivn 50 mg/kg GANNA2 64,637,73
cyt-rat-ipr 140 mg/kg/10D-I JEMEAV 131,331,70
TUMORIGENIC DATA AND REFERENCES:
2V03P61 ivn-rat TDLo:175 mg/kg/10W-I JEMEAV 131,321,70
2V02V10 ims-rat TDLo:50 mg/kg CNREA8 29,506,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX4550000 BENZ(e)ANTHRACENE, 7,8,12-TRIMETHYL-
UPDT.8406 CAS: 13345-64-7 MW: 270.39 MOLFM: C21-H18
SYN: 7,8,12-TMBA * 5,9,10-TRIMETHYL-1,2-BENZANTHRACENE * 7,8,12-TRIMETHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
sln-dmg-par 5 mmol/L MUREAV 125,243,84
sln-dmg-orl 30 mmol/L/3D MUREAV 125,243,84
cyt-rat-ivn 50 mg/kg GANNA2 64,637,73
cyt-rat-par 140 mg/kg/10D-I JEMEAV 131,331,70
sce-rat:bmr 270 mg/L JJIND8 67,831,81
TUMORIGENIC DATA AND REFERENCES:
3V01P61U26 ivn-rat TDLo:175 mg/kg/10W-I JEMEAV 131,321,70
3V03R60V10 skn-mus TDLo:48 mg/kg/10W-I PRLBA4 129,439,40
2V03V10 scu-mus TDLo:1400 mg/kg/22W-I PRLBA4 129,439,40
3V03P61T63 ivn-mus TDLo:20 mg/kg MOPMA3 4,427,68
2V03P61 ivn-rat TD :130 mg/kg/30D-I JNCIAM 48,429,72
2V03R60 ivn-rat TD :39 mg/kg/6D-I CNREA8 29,506,69
3V03P61R60 ivn-rat TD :35 mg/kg PNASA6 78,1185,81
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:125 mg/kg MOPMA3 4,427,68
ivn-mus LD50:50 mg/kg MOPMA3 4,427,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX4725000 BENZ(a)ANTHRACENE, 7,9,12-TRIMETHYL-
UPDT.8401 CAS: 24991-41-6 MW: 270.39 MOLFM: C21-H18
SYN: 6,9,12-TRIMETHYL-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03P61 ivn-rat TDLo:175 mg/kg/10W-I JEMEAV 131,321,70
3V03R60V10 skn-mus TDLo:310 mg/kg/13W-I PRLBA4 129,439,40
2V03V10 scu-mus TDLo:1200 mg/kg/17W-I PRLBA4 129,439,40
3V03J60R60 skn-mus TD :530 mg/kg/22W-I PRLBA4 131,170,42
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX4900000 BENZ(a)ANTHRACENE, 7,10,12-TRIMETHYL-
UPDT.8401 CAS: 35187-27-0 MW: 270.39 MOLFM: C21-H18
SYN: 7,10,12-TRIMETHYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 ims-rat TDLo:50 mg/kg JMCMAR 14,940,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX4960000 BENZ(a)ANTHRACENE, 7-VINYL-
UPDT.8401 CAS: 61895-70-3 MW: 254.34 MOLFM: C20-H14
SYN: 7-VINYLBENZ(a)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:10 mg/kg/40D-I CALEDQ 1,339,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX5025000 BENZ(a)ANTHRACEN-5-OL
UPDT.8401 CAS: 960-92-9 MW: 244.30 MOLFM: C18-H12-O
SYN: 3-HYDROXY-1,2-BENZANTHRACENE * 5-HYDROXYBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
dnd-mus:oth 1 mg/L CBINA8 4,389,71/72
oms-mus:oth 1 mg/L CBINA8 4,389,71/72
dnd-ham:kdy 5 mg/L BCPCA6 20,1297,71
oms-ham:lng 1 mg/L CBINA8 4,389,71/72
dnd-ham:lng 1 mg/L CBINA8 4,389,71/72
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:1240 mg/kg JNCIAM 1,303,40
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX5030000 BENZ(a)ANTHRACEN-7-OL, 5,6-DIHYDRO-5,6-EPOXY-
UPDT.8308 MW: 258.28 MOLFM: C18-H10-O2
SYN: 5,6-DIHYDRO-5,6-EPOXYBENZ(a)ANTHRACEN-7-OL * 7-HYDROXYMETHYLBENZ(a)ANTHRACENE 5,6-OXIDE
MUTATION DATA AND REFERENCES:
otr-mus:oth 50 ug/L IJCNAW 13,304,74

CX5035000 BENZ(a)ANTHRACEN-3-OL, 7,12-DIMETHYL-
UPDT.8312 CAS: 57266-83-8 MW: 272.36 MOLFM: C20-H16-O
SYN: 7,12-DIMETHYLBENZ(a)ANTHRACEN-3-OL * 3-HYDROXY-7,12-DIMETHYLBENZ(a)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate BTERDG 4,259,87
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CX5075000 7H-BENZ(de)ANTHRACEN-7-ONE
UPDT.8306 CAS: 82-05-3 MW: 230.27 MOLFM: C17-H10-O
SYN: 7H-BENZ(de)ANTHRACENE 7-ONE * BENZANTHRENONE * BENZANTHRONE * 7H-BENZO(de)ANTHRACEN 7-ONE * BENZOANTHRONE * DYE BENZANTHRONE * MS-BENZANTHRONE * NAPHTHANTHRONE * 7-OXOBENZ(de)ANTHRACENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -60,72

eye-rbt 100 mg/24H SEV 28ZPAK -,60,72

MUTATION DATA AND REFERENCES:
mma-sat 100 umol/L/2H CNREAB 39,4152,79

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1500 mg/kg RPTOAN 40,137,77
ipr-mus LD50:290 mg/kg RPTOAN 40,137,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

7H-BENZ(de)ANTHRACEN-7-ONE, 3-(CARBOXYMETHYLTHIO)- see: AJ1451000

CX5081500 7H-BENZ(de)ANTHRACEN-7-ONE, 3,9-DIHYDROXY-
UPDT:8401 CAS: 69658-17-9 MW: 262.27 MOLFM: C17-H10-O3
SYN: 3,9-DIHYDROXY-7H-BENZ(de)ANTHRACEN-7-ONE * 3,9-DIHYDROXY-BENZANTHRONE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 66,9,79

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CX5082000 7H-BENZ(de)ANTHRACEN-7-ONE, 3-HYDROXY-
UPDT:8308 CAS: 16306-16-4 MW: 246.27 MOLFM: C17-H10-O2
SYN: 3-HYDROXY-7H-BENZ(de)ANTHRACEN-7-ONE * 3-HYDROXY-BENZANTHRONE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 66,9,79
mma-sat 100 ug/plate MUREAV 66,9,79

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CX5083000 7H-BENZ(de)ANTHRACEN-7-ONE, 3-METHOXY-
UPDT:8308 CAS: 3688-79-7 MW: 260.30 MOLFM: C18-H12-O2
SYN: ACETATE YELLOW 6G * CELLITON BRILLIANT YELLOW 8G * C.I. 58900 * C.I. DISPERSE YELLOW 13 * DISPERSE YELLOW 6Z * DURANOL BRILLIANT YELLOW G * DURANOL BRILLIANT YELLOW 6G * 3-METHOXY-7H-BENZ(de)ANTHRACEN-7-ONE * 3-METHOXYBENZANTHRONE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 66,9,79

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1740 mg/kg RPTOAN 40,137,77
ipr-mus LD50:1200 mg/kg RPTOAN 40,137,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CX5083500 7H-BENZ(de)ANTHRACEN-7-ONE, 3-p-TOLUIDINO-
UPDT:8401 CAS: 69658-19-1 MW: 335.42 MOLFM: C24-H17-N-O
SYN: 3-p-TOLUIDINO-7H-BENZ(de)ANTHRACEN-7-ONE * 3-p-TOLUIDINO-BENZANTHRONE

MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate MUREAV 66,9,79
mma-sat 50 ug/plate MUREAV 66,9,79

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CX5084000 BENZ(a)ANTHRACEN-8-YL CARBAMIDE, 7-METHYL-
UPDT:8401 CAS: 64082-43-5 MW: 285.36 MOLFM: C20-H15-N-O
SYN: 10-METHYL-12-BENZANTHRACENE-5-CARBONAMIDE * 7-METHYLBENZ(a)ANTHRACEN-8-YL CARBAMIDE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:4 mg/kg JNCIAM 1,45,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-(BENZ(a)ANTHRACEN-5-YLCARBAMOYL)GLYGINE see: N7875000
N-(BENZ(a)ANTHRACEN-7-YLCARBAMOYL)GLYCINE see: N79000
BENZ(a)ANTHRACEN-7-YL TRICHLOROMETHYL KETONE see: OR1202000
BENZ(a)ANTHRA-5,6-OXIDE see: CW4900000
BENZ(3,4)ANTHRA(1,2-b)OXIRENE (9CI) see: DM5315000
BENZ(3,4)ANTHRA(1,2-b)OXIRENE, 1a,11b-DIHYDRO- (9CI) see: CW4900000
BENZANTHRENE see: CV9275000
1,2-BENZANTHRENE see: CV9275000
BENZANTHRENONE see: CX5075000
BENZANTHRONE see: CX5075000
1,2-BENZANTHRYL-3-CARBAMIDOACETIC ACID see: MB7875000
1,2-BENZANTHRYL-10 CARBAMIDOACETIC ACID see: MB7900000
1,2-BENZANTHRYL-10-ISOCYANATE see: NQ8225000
1,2-BENZANTHRYL-10-MERCAPTAN see: CX3500000
1,2-BENZANTHRYL-10-METHYLMERCAPTAN see: CW8225000
7-BENZANTHRYLOXIRANE see: CW5080000
BENZANTINE see: KR6825000
BENZAR see: AI9700000
BENZATHINE BENZYLPENICILLIN see: XH9425000
BENZATHINE PENICILLIN see: XH9425000
BENZATHINE PENICILLIN G see: XH9425000
BENZATHONIUM CHLORIDE see: BO7175000
3-BENZANTHRONYL CARBETHOXYMETHYL SULFIDE see: AJ1451300
3-BENZANTHRONYL CARBOXYMETHYL SULFIDE see: AJ1451000
3-BENZANTHRONYL-p-SULFOPHENYL ETHER SODIUM SALT see: DB7315000
BENZAZIDE see: DM6478940
1-BENZAZINE see: VA9275000
2-BENZAZINE see: NW6825000
1-BENZAZOLE see: NL2450000
BENZAZOLINE see: NJ1925000
BENZAZON VII see: LT7875000
BENZBROMARON see: OB1804200
BENZBROMARONE see: OB1804200
1,2-BENZCARBAZOLE see: DE7025000
BENZCHLORPROPAMID see: UF3150000
3,4-BENZCHRYSENE see: TJ3700000
BENZCURINE IODIDE see: BS1100000
15,16-BENZDEHYDROCHOLANTHRENE see: HM9800000
BENZEBAR see: SI1750000
1,2-BENZEDIOL, 4-(1-HYDROXY-2-((1-METHYLETHYL)AMINO)ETHYL)-, (R)- see: DO1750010
BENZEDRINA see: SI1750000
BENZEDRINE see: SH9450000
BENZEDRINE see: SI1750000
(-)-BENZEDRINE see: SH9450000
dl-BENZEDRINE see: SH9450000
BENZEDRINE HYDROCHLORIDE see: SH9798000
d-BENZEDRINE SULFATE see: SI1400000
BENZEDRYNA see: SI1750000
BENZEEN (Dutch) see: CY1400000
BENZEETHANAMINE, alpha,alpha-DIMETHYL (9CI) see: SH4025000
BENZEHIST see: KR7000000
BENZEN (Polish) see: CY1400000
BENZENACETIC ACID see: AJ2430000

CX9795000 BENZENAMIDE, 4-(3,4-DIHYDRO-6,7-DIMETHOXY-1-METHYL-2(1H)-ISOQUINOLINYL)-, (S)-
UPDT:8303 CAS: 65492-86-6 MW: 298.42 MOLFM: C18-H22-N2-O2
SYN: p-AMINOPHENYLSALSOLIDINE * N-(4-AMINOPHENYL)SALSOLIDINE * (S)-4-(3,4-DIHYDRO-6,7-DIMETHOXY-1-METHYL-2(1H)-ISOQUINOLINYL)BENZENAMIDE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:764 mg/kg DANTAL 20(9),36,77

BENZENAMINE see: BW6650000
BENZENAMINE, N-(ACETYLOXY)-N-METHYL-4-(PHENYLAZO)- (9CI) see: NC2990000
BENZENAMINE, 4-((4-AMINOPHENYL)AZO)-N,N-DIMETHYL- (9CI) see: BX5020000

CX9849000 BENZENAMINE, 4-((4-AMINOPHENYL)(4-IMINO-2,5-CYCLOHEXADIEN-1-YLIDENE)METHYL)-2-METHYL-
UPDT:8408 MW: 301.42 MOLFM: C20-H19-N3
SYN: 4-((4-AMINOPHENYL)(4-IMINO-2,5-CYCLOHEXADIEN-1-YLIDENE)METHYL)-2-METHYLBENZENAMINE * para-ROSANILINE * o-TOLUIDINE, 4-((p-AMINOPHENYL)(4-IMINO-2,5-CYCLOHEXADIEN-1-YLIDENE)METHYL)-

MUTATION DATA AND REFERENCES:
mmo-esc 5 gm/L MUREAV 130,97,84
otr-ham:emb 2 mg/L NCIMAV 58,243,81
dnd-ham:lng 300 umol/L/2H BBRCA9 72,732,76

CX9850000 BENZENAMINE, 4-((4-AMINOPHENYL)(4-IMINO-2,5-CYCLOHEXADIEN-1-YLIDENE)METHYL), MONOHYDROCHLORIDE
UPDT:8412 CAS: 569-61-9 MW: 323.85 MOLFM: C19-H17-N3-Cl-H
SYN: BASIC PARAFUCHSINE * CALCOZINE MAGENTA N * C.I. 42500 * C.I. BASIC RED 9 MONOHYDROCHLORIDE * p-FUCHSIN * FUCHSINE DR 001 * FUCHSINE 5PC * FUCHSIN SP * 4,4'-((4-IMINO-2,5-CYCLOHEXADIEN-1-YLIDENE)METHYLENE)DIANILINE MONOHYDROCHLORIDE * NCI-C54739 * PARAFUCHSIN (German) * PARAFUCHSINE * PARA MAGENTA * PARAROSANILINE * PARAROSANILINE CHLORIDE * PARAROSANILINE HYDROCHLORIDE * p-ROSANILINE HCL * SCHULTZ TAB. NO. 779 (German) * 4,4,4''-TRIAMINOTRIPHENYLMETHAN HYDROCHLORID (German)

MUTATION DATA AND REFERENCES:
mmo-sat 100 umol/L AMACCQ 9,77,76
dnr-esc 20 mg/L JJIND8 62,873,79
otr-rat:emb 1400 ug/L JJIND8 67,1303,81
dns-rat:lvr 2200 ug/L ENMUDM 5,482,83
otr-mus:fbr 8 ug/L JJIND8 67,1303,81
dns-ham:lvr 100 nmol/L ENMUDM 6,1,84
dnd-mam:lym 10 pph BIPMAA 11,2537,72

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:1714 mg/kg/43W-I NATWAY 43,543,56

TOXICITY DATA AND REFERENCES:
orl-mus LD50:5000 mg/kg FAZMAE 17,108,73

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW,ANIMAL SUSPECTED IARC** 4,57,74

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED: OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX9855000 BENZENAMINE, 4-((4-AMINOPHENYL)(4-IMINO-2,5-CYCLOHEXADIEN-1-YLIDENE)METHYL)-2-METHYL-, MONOHYDROCHLORIDE
UPDT:8209 CAS: 632-99-5 MW: 337.88 MOLFM: C20-H19-N3-Cl-H
SYN: AIZEN MAGENTA * ANILINE RED * ASTRA FUCHSINE B * BASIC FUCHSINE * BASIC MAGENTA * BASIC MAGENTA E 200 * CALCOZINE FUCHSINE HO * CALCOZINE MAGENTA RIN * CALCOZINE MAGENTA XX * CERISE B * C.I. 42510 * C.I. BASIC VIOLET 14 MONOHYDROCHLORIDE (8CI) * DIABASIC MAGENTA * DIAMOND FUCHSINE * FUCHSINE * FUCHSINE A * FUCHSINE CS * FUCHSINE G * FUCHSINE HO * FUCHSINE N * FUCHSINE RTN * FUCHSINE Y * MAGENTA * MAGENTA DP * MAGENTA E * MAGENTA G * MAGENTA I * MAGENTA PN * MAGENTA POWDER N * MAGENTA S * MAGENTA SUPERTINE * ORIENT BASIC MAGENTA * 12418 RED * ROSANILINE * ROSANILINE CHLORIDE * ROSANILINE HYDROCHLORIDE * ROSANILINIUM CHLORIDE

MUTATION DATA AND REFERENCES:
mma-sat 32 ug/plate MUREAV 89,21,81

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW,ANIMAL INDEFINITE IARC** 4,57,74
★ CARCINOGENIC REVIEW,HUMAN INDEFINITE IARC** 4,57,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BENZENAMINE, N-(BENZOYLOXY)-N-METHYL-4-(PHENYLAZO)- (9CI) see: NC3020000
BENZENAMINE, 2,6-BIS(1-METHYLETHYL)- see: BX4025000
BENZENAMINE, BIS(OXIRANYLMETHYL)- (9CI) see: BW8924000 ANILINE, BIS(2,3-EPOXYPROPYL)-
BENZENAMINE, 4-BROMO- (9CI) see: BW9280000
BENZENAMINE, N-BUTYL- (9CI) see: BW9450000
BENZENAMINE, 4,4'-CARBONIMIDOYLBIS(N,N-DIMETHYL- (9CI) see: BY3500000
BENZENAMINE, 4,4'-CARBONIMIDOYLBIS(N,N-DIMETHYL-, MONOHYDROCHLORIDE (9CI) see: BY3675000
BENZENAMINE, 2-CHLORO- (9CI) see: BX0525000
BENZENAMINE, 3-CHLORO- (9CI) see: BX0350000
BENZENAMINE, N-(2-CHLOROETHYL)-N-ETHYL- (9CI) see: BX1300000
BENZENAMINE, N-(2-CHLOROETHYL)-N-METHYL-4-(PHENYLAZO)- (9CI) see: BX1393000
BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE see: XU5250000

CX9858595 BENZENAMINE, N-((2-CHLORO-1-NAPHTHALENYL)METHYLENE)-2-METHOXY-
UPDT:8405 CAS: 40226-25-3 MW: 295.78 MOLFM: C18-H14-Cl-N-O
SYN: N-((2-CHLORO-1-NAPHTHALENYL)METHYLENE)-2-METHOXYBENZENAMINE * N-(2-CHLORO-1-NAPHTHYLIDENE)-O-ANISIDINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat (TDLo:140 mg/kg (1-7D preg) JRPFA4 31,383,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CX9858597 BENZENAMINE, N-((2-CHLORO-1-NAPHTHALENYL)METHYLENE)-2-METHYL-
UPDT:8402 CAS: 40226-23-1 MW: 279.78 MOLFM: C18-H14-Cl-N
SYN: N-((2-CHLORO-1-NAPHTHALENYL)METHYLENE)-2-METHYLBENZENAMINE * N-(2-CHLORO-1-NAPHTHYLIDENE)-O-TOLUIDINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:140 mg/kg (1-7D preg) JRPFA4 31,383,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZENAMINE, 4-CHLORO-2-NITRO- (9CI) see: BX1575000
BENZENAMINE, 2-((2-CHLORO-4-NITROPHENYL)AZO)-5-METHOXY-4-METHYL- (9CI) see: BZ6900000

CX9858800 BENZENAMINE, 4-(2-CHLOROPHENOXY)-
UPDT:8406 CAS: 36705-85-2 MW: 219.68 MOLFM: C12-H10-Cl-N-O
SYN: 2-CHLORO-4-AMINOBIPHENYL ETHER * p-(o-CHLOROPHENOXY)ANILINE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CBINA8 44,133,83

CX9858900 BENZENAMINE, 4-(3-CHLOROPHENOXY)-
UPDT:8406 CAS: 36705-51-2 MW: 219.68 MOLFM: C12-H10-Cl-N-O
SYN: 3-CHLORO-4-AMINOBIPHENYL ETHER * p-(m-CHLOROPHENOXY)ANILINE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CBINA8 44,133,83

BENZENAMINE, 4-(4-CHLOROPHENOXY)- (9CI) see: BX1770000
BENZENAMINE, N-(2-CHLORO-5-(TRIFLUOROMETHYL)PHENYL)-2,4-DINITRO-6-(TRIFLUOROMETHYL)- (9CI) see: BX1230000
BENZENAMINE, ar,ar-DICHLORO- (9CI) see: BX2540000
BENZENAMINE, 3,4-DICHLORO- (9CI) see: BX2625000
BENZENAMINE, 2,6-DICHLORO-N-2-IMIDAZOLIDINYLIDENE-, HYDROCHLORIDE see: NJ2490000

BENZENAMINE, 2,6-DICHLORO-4-NITRO- (9CI) see: BX2975000
BENZENAMINE, 4-(2,4-DICHLOROPHENOXY)- (9CI) see: BX3100000
BENZENAMINE, 4-((3,4-DICHLOROPHENYL)AZO)-N,N-DIMETHYL- (9CI) see: BX3150000
BENZENAMINE, 2,6-DIETHYL- (9CI) see: BX3500000
BENZENAMINE, N,N-DIETHYL- (9CI) see: BX3400000

CX9871000 BENZENAMINE, N,N-DIETHYL-4-(PHENYLAZO)- (9CI)
UPDT 8309 CAS: 2481-94-9 MW: 253.38 MOLFM: C16-H19-N3
SYN: C-29v * CERES YELLOW GGN * C.I. 11021 * C.I. SOLVENT YELLOW 56 * p-(DIETHYLAMINO)AZOBENZENE * 4-(DIETHYLAMINO)AZOBENZENE * N,N-DIETHYL-4-(PHENYLAZO)BENZENAMINE * DIETHYL YELLOW * OIL YELLOW 2635 * OIL YELLOW DE * OIL YELLOW DEA * OIL YELLOW E190 * OIL YELLOW ENC * OIL YELLOW GA * OIL YELLOW NB * SUDAN YELLOW GGN * WAXOLINE YELLOW ED
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — EPASR* 8EHQ-0982-0455
msc-mus:lym 200 mg/L — EPASR* 8EHQ-0982-0455
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0982-0455
BENZENAMINE, 4-((3,4-DIETHYLPHENYL)AZO)-N,N-DIMETHYL- (9CI) see: BX3675000
BENZENAMINE, 2,4-DIMETHOXY-, HYDROCHLORIDE see: BX4575000
BENZENAMINE, 4-(2-(2,5-DIMETHOXYPHENYL)ETHYL)- (9CI) see: WJ3833000
BENZENAMINE, 2,3-DIMETHYL- (9CI) see: ZE8750000
BENZENAMINE, 3,4-DIMETHYL- (9CI) see: ZE9450000
BENZENAMINE, N,N,-DIMETHYL- (9CI) see: BX4725000
BENZENAMINE, 3,4-DIMETHYL-2,6-DINITRO-N-(1-ETHYLPROPYL)- see: BX5470000
BENZENAMINE, 4-(1,1-DIMETHYLETHYL)-N-(1-METHYLPROPYL)-2,6-DINITRO- (9CI) see: BW9500000
BENZENAMINE, N,N-DIMETHYL-4-((2-METHYLPHENYL)AZO)- see: BX8300000
BENZENAMINE, N,N-DIMETHYL-4-((3-METHYLPHENYL)AZO)- (9CI) see: BX8250000
BENZENAMINE, N,N-DIMETHYL-4-((4-METHYLPHENYL)AZO)- see: BX8400000
BENZENAMINE, N,N-DIMETHYL-4-((2-METHYL-4-PYRIDINYL)AZO)-, N-OXIDE (9CI) see: BX6650000
BENZENAMINE, N,N-DIMETHYL-4-NITROSO- (9CI) see: BX7175000
BENZENAMINE, N,N-DIMETHYL-4-(PHENYLAZO)- (9CI) see: BX7350000
BENZENAMINE, N,N-DIMETHYL-4-(2-PHENYLETHENYL)-, (E)- see: WJ4000000
BENZENAMINE, ar,ar-DINITRO- (9CI) see: BX9010000
BENZENAMINE, 2,4-DINITRO- (9CI) see: BX9100000
BENZENAMINE, 2,6-DINITRO-N,N-DIPROPYL-4-(TRIFLUOROMETHYL)- (9CI) see: XU9275000
BENZENAMINE, N,N-DIPHENYL- (9CI) see: YK2680000
BENZENAMINE, 4,4'-(1,2-ETHENEDIYL)BIS- (9CI) see: WJ5100000
BENZENAMINE, 4-ETHOXY- (9CI) see: SI6465500
BENZENAMINE, 4-ETHOXY-, HYDROCHLORIDE (9CI) see: SI7051000
BENZENAMINE, 2-ETHYL- (9CI) see: BY9800000
BENZENAMINE, N-ETHYL- (9CI) see: BX9780000
BENZENAMINE, N-ETHYL-2-METHYL- (9CI) see: XU6440000
BENZENAMINE, N-ETHYL-3-METHYL- (9CI) see: XU6400000
BENZENAMINE, 2-ETHYL-6-METHYL- see: BY5600000
BENZENAMINE, N-ETHYL-N-METHYL-4-(PHENYLAZO)- (9CI) see: BY0430000
BENZENAMINE, N-ETHYL-N-NITROSO- (9CI) see: BY0480000
BENZENAMINE, N-ETHYL-4-(PHENYLAZO)- see: BY0500000
BENZENAMINE, N-(1-ETHYLPROPYL)-3,4-DIMETHYL-2,6-DINITRO- (9CI) see: BX5470000
BENZENAMINE, 4-((4-FLUOROPHENYL)AZO)-N,N-DIMETHYL- see: BX5595000

CY0550000 BENZENAMINE, 4-((4-FLUOROPHENYL)TELLURINYL)-N,N-DIMETHYL-
UPDT 8406 CAS: 84438-44-8 MW: 358.89 MOLFM: C14-H14-F-N-O-Te
SYN: (p-(DIMETHYLAMINO)PHENYL)(p-FLUOROPHENYL)OXOTELLURIUM * TELLURIUM, (p-(DIMETHYLAMINO)PHENYL)(p-FLUOROPHENYL)OXO-
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg — PCJOAU 16,673,82

CY0875000 BENZENAMINE, HYDROCHLORIDE
UPDT 8412 CAS: 142-04-1 MW: 129.60 MOLFM: C6-H7-N Cl-H
SYN: ANILINE CHLORIDE * ANILINE HYDROCHLORIDE * ANILINE HYDROCHLORIDE (DOT) * ANILINE SALT * ANILINIUM CHLORIDE * CHLORHYDRATE D'ANILINE (French) * CHLORID ANILINU (Czech) * C.I. 76001 * HYDROCHLORIDE BENZENAMIDE * NCI-C02736 * PHENYLAMINE HYDROCHLORIDE * SUL ANILINOVA (Czech) * UN 1548 (DOT) * USAF EK-442
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — 28ZPAK -,65,72
eye-rbt 20 mg/24H SEV — 28ZPAK -,65,72
MUTATION DATA AND REFERENCES:
otr-rat:emb 79500 ng/plate — JJATDK 1,190,81
sce-ham:fbr 10 umol/L — JNCIAM 58,1635,77
TUMORIGENIC DATA AND REFERENCES:
3V01H60P60 orl-rat TDLo:130 gm/kg/2Y-C — NCITR* NCI-CG-TR-130,78
3V01H60P60 orl-rat TD :238 gm/kg/2Y-C — NCITR* NCI-CG-TR-130,78
3V03L60P60 orl-rat TD :137 gm/kg/60W-C — IARC** 27,39,82
2V01P60 orl-rat TD :2163 gm/kg/2Y-C — IARC** 27,39,82
2V01P60 orl-rat TD :4326 gm/kg/2Y-C — IARC** 27,39,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1072 mg/kg — NTIS** PB214-270
ipr-rat LDLo:500 mg/kg — NCNSA6 5,11,53
orl-mus LD50:841 mg/kg — NTIS** PB214-270
ipr-mus LD50:300 mg/kg — NTIS** AD277-689
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 27,39,82
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-130,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-130,78)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENAMINE, N-HYDROXY-2-METHOXY-4-(PHENYLAZO)- (9CI) see: NC3725000
BENZENAMINE, N-HYDROXY-4-METHYL-(9CI) see: NC5480000
BENZENAMINE, 4-IODO- (9CI) see: BY3850000
BENZENAMINE, 4-ISOCYANATO-N-(4-NITROPHENYL)- (9CI) see: NQ9860000

CY0886500 BENZENAMINE, 3-ISOTHIOCYANATO-
UPDT 8402 CAS: 75190-55-5 MW: 150.21 MOLFM: C7-H6-N2-S
SYN: HYDRAZINE CARBSULFIDE PHENYL * 3-ISOTHIOCYANATOBENZENAMINE
TOXICITY DATA AND REFERENCES:
3J22J24J30 scu-mus TDLo:280 mg/kg — JIHTAB 18,1,36
BENZENAMINE, 4-ISOTHIOCYANATO-N-(4-NITROPHENYL)- (9CI) see: NX9106000
BENZENAMINE, 2-METHOXY- (9CI) see: BZ5410000
BENZENAMINE, 4-METHOXY- (9CI) see: BZ5450000
BENZENAMINE, 2-METHOXY-, HYDROCHLORIDE (9CI) see: BZ6500000
BENZENAMINE, 4-METHOXY-, HYDROCHLORIDE (9CI) see: BZ6600000
BENZENAMINE, 2-METHOXY-5-METHYL- (9CI) see: BZ6720000
BENZENAMINE, 4-METHOXY-2-METHYL- see: BZ6730000
BENZENAMINE, 2-METHOXY-5-NITRO- (9CI) see: BZ7175000
BENZENAMINE, 2-METHYL- (9CI) see: XU2975000
BENZENAMINE, 4-(6-METHYL-2-BENZOTHIAZOLYL)- (9CI) see: DL2760000 BENZOTHIAZOLE, 2-(p-AMINOPHENYL)-6-METHYL-
BENZENAMINE, N-METHYL-N,4-DINITROSO- see: BX9350000

CY1050000 BENZENAMINE, 4,4'-METHYLENEBIS(2-CHLORO-
UPDT 8408 CAS: 101-14-4 MW: 267.17 MOLFM: C13-H12-Cl2-N2
SYN: ANILINE, 4,4'-METHYLENEBIS(2-CHLORO- * BIS AMINE * BIS AMINE A * CL-MDA * CURALIN M * CURENE 442 * CYANASET * DACPM * DI(4-AMINO-3-CHLOROPHENYL)METHANE * DI(4-AMINO-3-CLOROFENIL)METANO (Italian) * 4,4'-DIAMINO-3,3'-DICHLORODIPHENYLMETHANE * 3,3'-DICHLOR-4,4'-DIAMINODIPHENYLMETHAN (German) * 3,3'-DICHLORO-4,4'-DIAMINODIPHENYLMETHANE * 3,3'-DICLORO-4,4'-DIAMINODIFENILMETANO (Italian) * MBOCA * 4,4'-METHYLENE(BIS)-CHLOROANILINE * METHYLENE 4,4'-BIS(o-CHLOROANILINE) * p,p'-METHYLENEBIS(alpha-CHLOROANILINE) * 4,4'-METHYLENEBIS(o-CHLOROANILINE) * p,p'-METHYLENEBIS(o-CHLOROANILINE) * 4,4'-METHYLENEBIS(2-CHLOROANILINE) * 4,4'-METHYLENEBIS-2-CHLOROBENZENAMINE * METHYLENE BIS ORTHOCHLOROANILINE * 4,4'-METILENE-BIS-O-CLOROANILINA (Italian) * MOCA * RCRA WASTE NUMBER U158
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate — PMRSDJ 1,261,81
mma-sat 33 ug/plate — ENMUDM 5(Suppl 1),3,83
mma-esc 100 ug/plate — PMRSDJ 1,387,81
dnr-esc 500 mg/L — PMRSDJ 1,195,81
pic-esc 1 gm/L — PMRSDJ 1,224,81
dnd-bcs 1 mg/disc — PMRSDJ 1,175,81
mrc-smc 100 mg/L — PMRSDJ 1,491,81
sln-smc 50 mg/L — PMRSDJ 1,468,81
otr-rat:emb 1 mg/L — JJINDB 67,1303,81
dns-rat:lvr 50 umol/L — TXAPA9 58,231,81
mnt-mus-ipr 6400 ug/kg — PMRSDJ 1,686,81
otr-mus:fbr 10 ug/L — JJINDB 67,1303,81
dns-mus:lvr 10 umol/L — TXAPA9 58,231,81
otr-ham:kdy 80 ug/L — BJCAAI 37,873,78
dns-ham:lvr 10 umol/L — TXAPA9 58,231,81
dns-rbt:lvr 10 umol/L — CNREA8 43,3120,83
TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 orl-rat TD :4050 mg/kg/77W-C — JEPTDQ 2(1),149,78
3V01J60L60 scu-rat TDLo:25 gm/kg/89W-C — NATWAY 58,578,71
3V03J60L60 orl-rat TD :27 gm/kg/79W-C — NATWAY 58,578,71
3V01J60L60 orl-rat TD :27 gm/kg/78W-C — TXAPA9 31,159,75
3V01J60R60 orl-rat TD :11 gm/kg/2Y-C — JEPTDQ 2(1),149,78
3V01J60N60 orl-rat TD :8100 mg/kg/77W-C — JEPTDQ 2(1),149,78
3V01J60R60 orl-rat TD :16 gm/kg/77W-C — JEPTDQ 2(1),149,78
3V01J60R60 orl-rat TD :27 gm/kg/65W-C — JEPTDQ 2(1),149,78
3V01J60L60 orl-rat TD :34 gm/kg/80W-C — TXAPA9 31,159,75
3V01J60R60 orl-rat TD :21 gm/kg/60W-C — TXAPA9 31,159,75
3V01J60L60 orl-rat TD :24 gm/kg/57W-C — TXAPA9 31,159,75
TOXICITY DATA AND REFERENCES:
3F17J30L30 orl-rat LD50:2100 mg/kg — KCRZAE 26(9),28,67
3F17J30L30 orl-mus LD50:880 mg/kg — KCRZAE 26(9),28,67
* ipr-mus LD50:64 mg/kg — PMRSDJ 1,682,81
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AIHAAP 39,496,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 4,65,74
★ TLV-TWA 20 ppb (skin) — DTLVS* 4,277,80
★ TLV-SUSPECTED CARCINOGEN — DTLVS* 4,277,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO MOCA recm std-air:TWA 3 ug/m3; avoid skin contact
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 236
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 8302
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENAMINE, 4-4'-METHYLENEBIS(N,N-DIMETHYL)- (9CI) see: BY5250000
BENZENAMINE, 4,4'-METHYLENEBIS(2-METHYL- see: BY5300000
BENZENAMINE, 4,4'-METHYLENEBIS(N-METHYL- (9CI) see: BY5275000
BENZENAMINE, 2-(1-METHYLETHYL)- (9CI) see: BY4200000
BENZENAMINE, 4-(1-METHYLETHYL)-2,6-DINITRO-N,N-DIPROPYL- (9CI) see: BX9286000
BENZENAMINE, 2-METHYL-, HYDROCHLORIDE see: XU7350000
BENZENAMINE, 4-METHYL-, HYDROCHLORIDE (9CI) see: XU7525000
BENZENAMINE, 2-METHYL-5-NITRO- see: XU8225000
BENZENAMINE, N-(2-METHYL-2-NITROPROPYL)-p-NITROSO- (9CI) see: BY5760000
BENZENAMINE, N-METHYL-N-NITROSO- see: BY5775000
BENZENAMINE, N-METHYL-4-(PHENYLAZO)- (9CI) see: BY5950000
BENZENAMINE, 4-((4-METHYL-1-PIPERAZINYL)METHYL)-N-PHENYL- (9CI) see: TK8160000
BENZENAMINE, 4-(METHYLSULFONYL)-2,6-DINITRO-N,N-DIPROPYL- (9CI) see: BY6200000
BENZENAMINE, N-METHYL-N,2,4,6-TETRANITRO- (9CI) see: BY6300000
BENZENAMINE, 4-(4-MORPHOLINYLMETHYL)-N-PHENYL- see: QD7880000
BENZENAMINE, N-NITRO- see: BY6645000
BENZENAMINE, 3-NITRO- (9CI) see: BY6825000
BENZENAMINE, 4-NITRO- (9CI) see: BY7000000
BENZENAMINE, N-NITROSO-N-PHENYL- (9CI) see: JJ9800000
BENZENAMINE, 4-NITROSO-N-PHENYL- (9CI) see: JK0175000
BENZENAMINE, 4,4'-OXYBIS- see: BY7900000
BENZENAMINE, 2,3,4,5,6-PENTANITRO- see: BY7925000
BENZENAMINE, 4-PHENOXY- (9CI) see: BY7930000
BENZENAMINE, N-PHENYL- (9CI) see: JJ7800000
BENZENAMINE, 4-(PHENYLAZO)- (9CI) see: BY8225000

CY1202500 BENZENAMINE, N-(3-PHENYL-4,5-BIS((TRIFLUOROMETHYL)IMINO)-2-THIAZOLIDINYLIDENE)-
UPDT 8408 CAS: 37893-02-0 MW: 416.37 MOLFM: C17-H10-F6-N4-S
SYN: CROPOTEX * FLUBENZIMINE * N-(3-PHENYL-4,5-BIS((TRIFLUOROMETHYL)IMINO)-2-THIAZOLIDINYLIDENE)BENZENAMINE * SLJ 0312
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3750 mg/kg — MEIEDD 10,590,83
BENZENAMINE, 4-(2-PHENYLETHENYL)- (9CI) see: WJ3500000
BENZENAMINE, 4-(2-PHENYLETHENYL)-, (E)- (9CI) see: WJ3540000
BENZENAMINE, N-PHENYL-4-(1-PIPERIDINYLMETHYL)- (9CI) see: TM4291000
BENZENAMINE, N-PHENYL-4-(1-PYRROLIDINYLMETHYL)- (9CI) see: UX9706000
BENZENAMINE, 4-STIBONO- (9CI) see: CJ1330000

CY1205000 BENZENAMINE, 4-STIBINO-, MONOSODIUM SALT
UPDT 7908 CAS: 6543-62-0 MW: 286.89 MOLFM: C6-H8-N-O3-Sb-Na
SYN: p-AMINOPHENYLSTIBINSAURES NATRIUM (German) * SODIUM p-AMINOSTIBONATE * STIBAMIN (German) * STIBAMINE
TOXICITY DATA AND REFERENCES:
unk-ckn LDLo:100 mg/kg — HBAMAK 4,1289,35
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD:air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74

BEST COPY AVAILABLE

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air-TWA 0.5 mg/m3 NTIS**

BENZENAMINE, 4,4'-SULFINYLBIS- (9CI) see: BY8440000
BENZENAMINE, 4,4'-SULFONYLBIS- (9CI) see: BY8925000
BENZENAMINE, 4,4'-(SULFONYLBIS(4,1-PHENYLENEOXY))BIS- (9CI) see: BY8955000
BENZENAMINE, TETRANITRO- (9CI) see: BY9200000
BENZENAMINE, 4,4'-THIOBIS- (9CI) see: BY9625000
BENZENAMINE, 2,4,6-TRICHLORO- (9CI) see: BZ0250000
BENZENAMINE, 4-(2,4,6-TRICHLOROPHENOXY)- (9CI) see: BZ0300000
BENZENAMINE, 2-(TRIFLUOROMETHYL)- (9CI) see: XU9210000
BENZENAMINE, N,N,4-TRIMETHYL- see: XU5803000
BENZENAMINE, 2,4,5-TRIMETHYL- see: BZ0520000
BENZENAMINE, 2,4,6-TRIMETHYL- (9CI) see: BZ0700000
BENZENAMINE, TRINITRO- (9CI) see: BZ1060000
BENZENAMINIUM, 4-AMINO-N,N,N-TRIMETHYL-, IODIDE (9CI) see: BO4565020
BENZENAMINIUM, 3-(((DIMETHYLAMINO)CARBONYL)OXY)-N,N,N-TRIMETHYL- (9CI) see: BR3300000
BENZENAMINIUM, 3-(((DIMETHYLAMINO)CARBONYL)OXY)-N,N,N-TRIMETHYL-, BROMIDE (9CI) see: BR3150000

CY1225000 BENZENAMINIUM, 3-(((DIMETHYLAMINO)CARBONYL)OXY)-N,N,N-TRIMETHYL-, METHYL SULFATE

UPDT 8403 CAS: 51-60-5 MW: 334.43 MOLFM: C12-H19-N2-O2.C-H3-O4-S

SYN: AMMONIUM, (3-[(DIMETHYLCARBAMOYL)OXY]PHENYL)TRIMETHYL-, METHYLSULFATE * AMMONIUM, (m-HYDROXYPHENYL)TRIMETHYL-, METHYL SULFATE, DIMETHYLCARBAMATE * AR 32 * CARBAMIC ACID, DIMETHYL-, ester with (m-HYDROXYPHENYL)TRIMETHYLAMMONIUM, METHYL SULFATE * CARBAMIC ACID, N,N-DIMETHYL-, 3-(TRIMETHYLAMMONIO)PHENYL ESTER, METHYLSULFATE * DIMETHYLCARBAMIC ESTER of 3-OXYPHENYLTRIMETHYLAMMONIUM METHYLSULFATE * 3-(DIMETHYLCARBAMOXY)PHENYL TRIMETHYLAMMONIUM METHYL SULFATE * EUSTIGMIN METHYLSULFATE * HODOSTIN * (m-HYDROXYPHENYL)TRIMETHYLAMMONIUM METHYL SULFATE DIMETHYLCARBAMATE * (3-HYDROXYPHENYL)TRIMETHYLAMMONIUM METHYL SULFATE DIMETHYLCARBAMIC ESTER * KIRKSTIGMINE METHYL SULFATE * LEOSTIGMINE METHYL SULFATE * NEOESERINE METHYL SULFATE * NEOSTIGMETH * NEOSTIGMINE METHOSULFATE * NEOSTIGMINE METHYL SULFATE * NEOSTIGMINE MONOMETHYLSULFATE * NORMASTIGMIN * PHILOSTIGMIN METHYL SULFATE * POLSTIGMINE * PROSERIN * PROSERINE METHYL SULFATE * PROSTIGMINE METHYLSULFATE * PROSTIGMIN METHYLSULFATE * SB 23 * STIGMANOL METHYL SULFATE * STIGMOSAN METHYL SULFATE * SYNTHOSTIGMINE METHYL SULFATE * SYNTOSTIGMINE METHYL SULFATE * SYNTOSTIGMIN METHYL SULFATE * TL 1394 * VAGOSTIGMINE METHYL SULFATE

TOXICITY DATA AND REFERENCES:

*	scu-rat	LD10:300 ug/kg	TXCYAC 17,1,80
	orl-mus	LD50:7500 ug/kg	JPETAB 99,16,50
	ipr-mus	LD50:230 ug/kg	ATKKAB 29,39,72
	scu-mus	LD50:420 ug/kg	JPETAB 99,16,50
	ivn-mus	LD50:160 ug/kg	JPETAB 99,16,50
*	scu-rbt	LD50:500 ug/kg	NIIRDN 6,556,82
*	ivn-rbt	LD50:250 ug/kg	NIIRDN 6,556,82
1F11	ims-rbt	LD50:310 ug/kg	AIPTAK 81,726,50

BENZENAMINIUM, N-ETHYL-N,N-DIMETHYL-3-(METHYLAMINO)CARBONYLOXY-, IODIDE see: BR2030000
BENZENAMINIUM, 3-HYDROXY-N,N,N-TRIMETHYL-, IODIDE (9CI) see: BR3500000
BENZENAMINE, 2,4,5-TRIMETHYL-, HYDROCHLORIDE (9CI) see: BZ0875000
BENZENAMINE, 2,4,6-TRIMETHYL-, HYDROCHLORIDE (9CI) see: BZ1050000
BENZENAMINIUM, N,N,N-TRIMETHYL-, IODIDE (9CI) see: BT2450000

CY1400000 BENZENE

UPDT 8412 CAS: 71-43-2 MW: 78.12 MOLFM: C6-H6

SYN: (6)ANNULENE * BENZEEN (Dutch) * BENZEN (Polish) * BENZENE (DOT) * BENZIN (OBS.) * BENZINE (OBS.) * BENZOL * BENZOL (DOT) * BENZOLE * BENZOLENE * BENZOLO (Italian) * BICARBURET of HYDROGEN * CARBON OIL * COAL NAPHTHA * CYCLOHEXATRIENE * FENZEN (Czech) * MINERAL NAPHTHA * MOTOR BENZOL * NCI-C55276 * NITRATION BENZENE * PHENE * PHENYL HYDRIDE * PYROBENZOL * PYROBENZOLE * RCRA WASTE NUMBER U019 * UN 1114 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt	15 mg/24H open MLD	AIHAAP 23,95,62
skn-rbt	500 mg/24H MOD	28ZPAK -,23,72
eye-rbt	88 mg MOD	AMIHAB 14,387,56
eye-rbt	2 mg/24H SEV	28ZPAK -,23,72

MUTATION DATA AND REFERENCES:

slt-dmg-ihl	27000 ppm ENMUDM 5,223,83
cyt-smc	12 mmol/L HEREAY 33,457,47
oms-grh-ihl	1053 mg/L MUREAV 113,467,83
oms-nml-ipr	75 gm/kg ACHAAH 26,281,61
dni-hmn:leu	2200 umol/L INHEAO 12,23,74
dni-hmn:hla	2200 umol/L INHEAO 12,23,74
cyt-man-ihl	125 ppm/1Y AEHLAU 22,373,71
cyt-hmn:leu	1 mmol/L/72H MUREAV 47,75,78
cyt-hmn:lym	1 mg/L BZARAZ 26,38,73
cyt-hmn-unk	10 ppm/4W ENVRAL 19,33,79
cyt-man-ihl	125 ppm/1Y AEHLAU 22,373,71
sce-hmn:lym	200 umol/L CNREAB 43,1330,83
dnd-rat-orl	100 nmol/kg CBINAB 33,301,81
dni-rat-ihl	400 ppm BLUTA9 21,250,70
oms-rat-lvr	1 mmol/L CBINAB 42,353,82
oms-rat-bmr	1 mmol/L CBINAB 42,353,82
oms-rat-scu	1 gm/L NIMSAG 28,204,66
oms-rat-scu	2200 mg/kg CBINAB 42,353,82
cyt-rat-ihl	300 mg/m3/16W-I GISAAA 42(1),32,77
cyt-rat-scu	12 gm/kg/12D-I GTPZAB 17(3),24,73
mnt-mus-scu	440 mg/kg CBINAB 39,129,82
mnt-mus-orl	250 mg/kg/1D MUREAV 77,149,80
mnt-mus-ipr	500 mg/kg ENMUDM 2,43,80
mnt-mus-ihl	50 ppm/24H-C ARTODN 51,295,82
otr-mus-fbr	100 ug/L CRNGDP 3,1235,82
dni-mus-orl	20 gm/kg ARGEAR 51,605,81
sce-mus-ihl	1000 ppm/6H ENMUDM 6,408,84
sce-mus-ipr	5 gm/kg ENMUDM 5,450,83
cyt-mus-orl	100 mg/kg ENMUDM 2,43,80
cyt-mus-ipr	100 mg/kg ENMUDM 2,43,80
cyt-mus-ihl	3000 ppm EVSRBT 25,257,82
dlt-mus-orl	1 mg/kg ARTODN 39,173,78
dlt-mus-ipr	5 mg/kg TPKVAL 15,30,79
otr-ham:emb	100 ug/L CRNGDP 4,291,83
dni-rbt-scu	2 gm/kg ACHAAH 38,104,67
oms-rbt-bmr	1 mmol/L CBINAB 42,353,82
oms-cat-bmr	1 mmol/L CBINAB 42,353,82
cyt-rbt-scu	8400 mg/kg PSDTAP 13,275,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	ihl-rat TCLo:670 mg/m3/24H (15D pre-1-22D preg)	HYSAAV 33(1-3),327,68
1T83	ihl-rat TCLo:56600 ug/m3/24H (1-22D preg)	HYSAAV 33(7),112,68
2T31T34	ihl-rat TCLo:50 ppm/24H (7-14D preg)	JHEMA2 24,363,80
2T25T46	ihl-rat TCLo:150 ppm/24H (7-14D preg)	JHEMA2 24,363,80
1T34	orl-mus TDLo:9 gm/kg (6-15D preg)	TJADAB 19,41A,79
1T25	orl-mus TDLo:12 gm/kg (6-15D preg)	TJADAB 19,41A,79
2T34T46	ihl-mus TCLo:500 ppm/7H (6-15D preg)	AIHAAP 40,993,79
2T24T35	ipr-mus TDLo:5 mg/kg (1D male)	TPKVAL 15,30,79
1T39	scu-mus TDLo:1100 mg/kg (12D preg)	TOXID9 1,125,81
3T31T34T46	scu-mus TDLo:7030 mg/kg (12-13D preg)	SEIJBO 15,47,75
1T76	par-mus TDLo:4 gm/kg (12D preg)	NEZAAQ 25,438,70

TUMORIGENIC DATA AND REFERENCES:

3V01P61P17	ihl-man TCLo:200 mg/m3:78W-I	EJCAAH 7,83,71
2V01P61	ihl-hmn TCLo:10 ppm:8H/10Y-I	TRBMAV 37,153,78
3V01N60P61	orl-rat TDLo:52 gm/kg:52W-I	MELAAD 70,352,79
2V03D45	ihl-rat TCLo:1200 ppm/6H/10W-I	PAACA3 25,75,84
3V03D45J60	ihl-mus TCLo:1200 ppm/6H/10W-I	PAACA3 25,75,84
2V02R60	skn-mus TDLo:1200 gm/kg/49W-I	BJCAAI 16,275,62
3V03P61P62	scu-mus TDLo:600 mg/kg:17W-I	KRANAW 9,403,32
3V03P61P62	par-mus TDLo:670 mg/kg:19W-I	KLWOAZ 12,109,33
2V01P61	ihl-hmn TC:150 ppm/15M/8Y-I	BLOOAW 52,285,78
3V01N60P61	orl-rat TD:10 gm/kg/52W-I	MELAAD 70,352,79
2V01P61	ihl-man TC:600 mg/m3/4Y-I	NEJMAG 271,872,64
2V01P62	ihl-man TC:150 ppm/11Y-I	BLUTA9 28,293,74

TOXICITY DATA AND REFERENCES:

3F07F17K13	orl-hmn TDLo:130 mg/kg	AHYGAJ 31,336,1897
	ihl-hmn LCLo:20000 ppm/5M	29ZUA8 -,-,53
3F06F08K13	ihl-hmn TCLo:210 ppm	27ZXA3 -,183,80
2P30U25	ihl-man TCLo:150 ppm/1Y-I	BLUTA9 28,293,74
3F07K13R03	ihl-hmn TCLo:100 ppm	INMEAF 17,199,48
1P30	ihl-hmn LCLo:65 mg/m3/5Y	ARGEAR 44,145,74
	unk-man LDLo:194 mg/kg	85DCAI 2,73,70
	orl-rat LD50:4894 mg/kg	TXAPA9 19,699,71
	ihl-rat LC50:19000 ppm/7H	28ZRAQ -,113,60
3J16L30P20	ipr-rat LD50:2890 ug/kg	36YFAG -,302,77
	orl-mus LD50:4700 mg/kg	HYSAAV 32,349,67
	ihl-mus LC50:9980 ppm	JIHTAB 25,366,43
	ipr-mus LD50:990 ug/kg	AGGHAR 18,109,60
	orl-dog LDLo:2000 mg/kg	HBAMAK 4,1313,35
	ihl-dog LCLo:146000 mg/m3	HBTXAC 1,324,55
	ihl-cat LCLo:170000 mg/m3	HBTXAC 1,324,55
	ivn-rbt LDLo:88 mg/kg	JTEHD6 (Suppl 2),45,77
	ipr-gpg LDLo:527 mg/kg	HBTXAC 1,42,55
	scu-frg LDLo:1400 mg/kg	HBAMAK 4,1313,35
	ihl-mam LCLo:20000 ppm/5M	AEPPAE 138,65,28

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARPAAQ 11,434,31; EVHPAZ 11,163,75; AEHLAU 22,373,71; PAREAQ 4,1,52; FNSCA6 2,67,73; MUKEAV 47(2),75,78; AMSVAZ 118,354,44; ZHPMAT 166,113,78; JTEHD6 -(Suppl 2),69,77; PHRPA6 41,1357,26; AIHAAP 41,616,80; CTOXAO 11,531,77; BNYMAM 54,413,78; KRANAW 9,403,32

★ CARCINOGENIC REVIEW:HUMAN:SUSPECTED IARC** 7,203,74
★ CARCINOGENIC REVIEW:ANIMAL:SUSPECTED IARC** 29,93,82
★ CARCINOGENIC REVIEW:HUMAN:POSITIVE IARC** 29,93,82
★ CARCINOGENIC REVIEW:ANIMAL:INDEFINITE IARC** 7,203,74
★ TLV-TWA 10 ppm; STEL 25 ppm DTLVS* 4,37,80
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,37,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air-TWA 10 ppm:CL 25 ppm:Pk 50 ppm/10M-BH (SCP-U) FEREAC 39,23540,74
★ DOT-HAZARD-FLAMMABLE LIQUID; LABEL-FLAMMABLE LIQUID CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BENZENE recm std-air-CL 1 ppm-60M revisd 7-77

STATUS:

NTP CARCINOGENESIS STUDIES, TEST COMPLETED: OCTOBER 1984
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 1500 and 1501
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345,8EHQ-1277-0027,8EHQ-0378-0112, 8EHQ-0978-0244,8EHQ-0379-0277, 8EHQ-0378-0112
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CY1420000 BENZENEACETALDEHYDE

UPDT 8305 CAS: 122-78-1 MW: 120.16 MOLFM: C8-H8-O

SYN: ACETALDEHYDE, PHENYL- * HYACINTHIN * PAA * PHENYLACETALDEHYDE * PHENYLACETIC ALDEHYDE * PHENYLETHANAL * alpha-TOLUALDEHYDE * alpha-TOLUIC ALDEHYDE

IRRITATION DATA AND REFERENCES:

skn-hmn	2%/48H	FCTXAV 17,377,79

TOXICITY DATA AND REFERENCES:

*	orl-rat	LD50:1550 mg/kg	FCTXAV 17,377,79
*	orl-mus	LD50:3890 mg/kg	FCTXAV 17,377,79
*	orl-gpg	LD50:3890 mg/kg	FCTXAV 17,377,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

CY1460000 BENZENEACETALDEHYDE, alpha-METHYL-

UPDT 8307 CAS: 93-53-8 MW: 134.19 MOLFM: C9-H10-O

SYN: CUMENE ALDEHYDE * alpha-FORMYLETHYLBENZENE * HYACINTHAL * HYDRATROPA ALDEHYDE * HYDRATROPALDEHYDE * HYDRATROPIC ALDEHYDE * alpha-METHYL PHENYLACETALDEHYDE * alpha-METHYL alpha-TOLUIC ALDEHYDE * 2-PHENYLPROPANAL * alpha-PHENYL PROPIONALDEHYDE * 2-PHENYL PROPIONALDEHYDE * PROPIONALDEHYDE, 2-PHENYL- * alpha-TOLUALDEHYDE, alpha-METHYL-

TOXICITY DATA AND REFERENCES:

2F24R21	orl-rat	LD50:2800 mg/kg	FCTXAV 2,327,64

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

BENZENEACETALDEHYDE, 4-(1-METHYLETHYL)- (9CI) see: AB2920000

CY1481000 BENZENEACETAMIDE, N-(AMINOIMINOMETHYL)-2,6-DICHLORO-, MONOHYDROCHLORIDE

UPDT 8408 CAS: 29110-48-3 MW: 282.57 MOLFM: C9-H9-Cl2-N3-O.Cl-H

SYN: N-(AMINOIMINOMETHYL)-2,6-DICHLOROBENZENEACETAMIDE, HYDROCHLORIDE * 65100-141 * ESTULIC * GUANFACINE HYDROCHLORIDE * LON 798

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T76	orl-mus	TDLo:25 mg/kg (MGN)	JZKEDZ 6,117,80
3T26T35T76	orl-mus	TDLo:20 mg/kg (6-15D preg)	JZKEDZ 6,105,80
2T34T71	orl-mus	TDLo:10 mg/kg (6-15D preg)	JZKEDZ 6,105,80
1T25	orl-mus	TDLo:5 mg/kg (6-15D preg)	JZKEDZ 6,105,80
1T46	orl-mus	TDLo:90 mg/kg (10W male: 2W pre-6D preg)	JZKEDZ 5,107,79

TOXICITY DATA AND REFERENCES:

1F11	orl-mus	LD50:165 mg/kg	ARZNAD 27,2326,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZENEACETAMIDE, 4-(BIS(2-CHLOROETHYL)AMINO)-N-ETHYL- see: AB4549190
BENZENEACETAMIDE, N-((2-CHLOROPHENYL)METHYL)-alpha-(DIETHYLAMINO)-, MONOHYDROCHLORIDE (9CI) see: AB5089200

BENZENEACETAMIDE, N-((4-CHLOROPHENYL)METHYL)-alpha-(DIETHYLAMINO)-, MONOHYDROCHLORIDE (9CI) see: AB5089210
BENZENEACETAMIDE, alpha-(DIBUTYLAMINO)-4-METHOXY- (9CI) see: AB6365000
BENZENEACETAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-alpha-ETHYL- see: ES4309300
BENZENEACETAMIDE, alpha-(DIETHYLAMINO)-N-((2-METHYLPHENYL)METHYL)-, MONOHYDROCHLORIDE (9CI) see: AB7234900
BENZENEACETAMIDE, alpha-(DIETHYLAMINO)-N-(PHENYLMETHYL)-, MONOHYDROCHLORIDE (9CI) see: AB4546750
BENZENEACETAMIDE, N,N-DIMETHYL-alpha-PHENYL- (9CI) see: AB8050000
BENZENEACETAMIDE, 4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)- (9CI) see: AC3600000
BENZENEACETIC ACID see: AJ2430000
BENZENEACETIC ACID, 4-AMINO- (9CI) see: AF3550000
BENZENEACETIC ACID, alpha-AMINO-, 3-METHYLBUTYL ESTER, HYDROCHLORIDE, (+ -)- (9CI) see: MC0840000

CY1575178 BENZENEACETIC ACID, 4-(1,3-BENZOXATHIOL-2-YL)-alpha-METHYL-
UPDT.8411 CAS: 52787-33-4 MW: 286.36 MOLFM: C16-H14-O3-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg CHTPBA 8,487,73
BENZENEACETIC ACID, 4-(BIS(2-CHLOROETHYL)AMINO)-, 2-HYDROXY-1,3-PROPANEDIYL ESTER see: AF5457430
BENZENEACETIC ACID, 4-BROMO- (9CI) see: AF6325000
BENZENEACETIC ACID, 4-BROMO-alpha-(4-BROMOPHENYL)-alpha-HYDROXY-, 1-METHYLETHYL ESTER see: DD2100000
BENZENEACETIC ACID, 4-CHLORO- (9CI) see: AG0590000
BENZENEACETIC ACID, 4-CHLORO-alpha-(4-CHLOROPHENYL)-alpha-HYDROXY-, ETHYL ESTER see: DD2275000

CY1576200 BENZENEACETIC ACID, 4-CHLORO-alpha-(1-CYCLOPROPYL)-, CYANO(3-PHENOXYPHENYL)METHYL ESTER
UPDT.8402 MW: 417.91 MOLFM: C25-H20-Cl-N-O3
SYN: NRDC 181
TOXICITY DATA AND REFERENCES:
3F11F17F23 ivn-rat LDLo:300 mg/kg ARTODN 45,325,80

CY1576250 BENZENEACETIC ACID, 2-(2-CHLORO-4-ETHYLPHENOXY)-5-METHYL-
UPDT.8402 CAS: 34643-09-9 MW: 304.79 MOLFM: C17-H17-Cl-O3
SYN: ACETIC ACID, (2-(2-CHLORO-4-ETHYLPHENOXY)-5-METHYLPHENYL)- * 2-(2-CHLORO-4-ETHYLPHENOXY)-5-METHYL-BENZENEACETIC ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2853 mg/kg JMCMAR 24 1353,83

CY1576350 BENZENEACETIC ACID, 4-CHLORO-alpha-(1-METHYLETHYL)-, CYANO(3-PHENOXYPHENYL)METHYL ESTER
UPDT.8412 CAS: 51630-58-1 MW: 419.93 MOLFM: C25-H22-Cl-N-O3
SYN: BELMARK * alpha-CYANO-3-PHENOXYBENZYL-2-(4-CHLOROPHENYL)-3-METHYLBUTYRATE * CYANO(3-PHENOXYPHENYL)METHYL 4-CHLORO-alpha-(1-METHYLETHYL)BENZENEACETATE * ECTRIN * FENVALERATE * PHENVALERATE * PYDRIN * PYDRIN, alpha-CYANO-3-PHENOXYBENZYL 2-(4-CHLOROPHENYL)ISOVALERATE * S 3602 * SANMARTON * SD 43775 * SUMICIDIN * SUMIFLY * SUMIPOWER * WL 43775
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:451 mg/kg FMCHA2 -,C104,83
3F11F17F23 ivn-rat LDLo:50 mg/kg ARTODN 45,325,80
* ice-mus LDLo:200 ug/kg TXAPA9 66,290,82
* skn-rbt LD50:2500 mg/kg FMCHA2 -,C104,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CY1576360 BENZENEACETIC ACID, 4-CHLORO-alpha-(1-METHYLETHYL)-, ETHYNYL(3-PHENOXYPHENYL)METHYL ESTER
UPDT.8402 MW: 418.94 MOLFM: C26-H23-Cl-O3
SYN: S-5655
TOXICITY DATA AND REFERENCES:
1F11 ivn-rat LDLo:200 mg/kg ARTODN 45,325,80
BENZENEACETIC ACID, 3-CHLORO-alpha-METHYL-4-(2-METHYLPROPYL)- see: UE8945000
BENZENEACETIC ACID, 3-CHLORO-4-(2-METHYLPROPYL)- see: AF9273000
BENZENEACETIC ACID, 3-CHLORO-alpha-METHYL-4-(2-PYRIDINYLAMINO)- see: MU6616000
BENZENEACETIC ACID, 3-CHLORO-4-(2-PROPENYLOXY)- (9CI) see: AF2100000
BENZENEACETIC ACID, alpha-CYCLOHEXYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE see: GU6825000
BENZENEACETIC ACID, 4-CYCLOHEXYL-alpha-METHYL- (9CI) see: UF0654000
BENZENEACETIC ACID, 2,5-DICHLORO-4-CYCLOHEXYL- see: AG6460000

CY1577750 BENZENEACETIC ACID, alpha,3-DICHLORO-4-CYCLOHEXYL-, DIETHYLAMINE SALT
UPDT.8405 MW: 360.36 MOLFM: C14-H16-Cl2-O C4-H11-N-O
SYN: alpha,m-DICHLORO-p-CYCLOHEXYLPHENYLACETIC ACID DIETHYLAMINE SALT * FENBRAC * FENCLOFENAC DIETHYLAMMONIUM SALT
TOXICITY DATA AND REFERENCES:
3K12K30U01 orl-rat LD50:285 mg/kg AGACBH 6,735,76
1U01 orl-mus LD50:430 mg/kg AGACBH 6,735,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENEACETIC ACID, 2,4-DICHLORO-, ETHYL ESTER (9CI) see: AG8500000
BENZENEACETIC ACID, 2-((2,4-DICHLORO-1-NAPHTHALENYL)AMINO)-, SODIUM SALT see: AG6645000

CY1577850 BENZENEACETIC ACID, 2-(2,4-DICHLOROPHENOXY)-
UPDT.8405 CAS: 34645-84-6 MW: 297.14 MOLFM: C14-H10-Cl2-O3
SYN: ACETIC ACID, (2-(2,4-DICHLOROPHENOXY)PHENYL)- * 2-(2,4-DICHLOROPHENOXY)BENZENEACETIC ACID * (o-(2,4-DICHLOROPHENOXY)PHENYL)ACETIC ACID * (2-(2,4-DICHLOROPHENOXY)PHENYL)ACETIC ACID * FENCLOFENAC * FLENAC * R 67408 * Rs 67408
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2280 mg/kg MEIEDD 10,571,83
BENZENEACETIC ACID, 2-((2,6-DICHLOROPHENYL)AMINO)- (9CI) see: AG6310000
BENZENEACETIC ACID, 2-((2,6-DICHLOROPHENYL)AMINO)-, MONOSODIUM SALT see: AG6330000
BENZENEACETIC ACID, alpha-(((2-(DIETHYLAMINO)ETHYL)AMINO)CARBONYL)-alpha-ETHYL-, ETHYL ESTER see: ON9110800
BENZENEACETIC ACID, alpha-(2-(DIETHYLAMINOETHYL)AMINO)-, 3-METHYLBUTYL ESTER see: MB9625000
BENZENEACETIC ACID, alpha-((2-(DIETHYLAMINO)ETHYL)AMINO)-, 3-METHYLBUTYL ESTER, 2HCl (9CI) see: MB9640000
BENZENEACETIC ACID, 4-(2-(DIETHYLAMINO)-2-OXOETHOXY)-3-METHOXY-, PROPYL ESTER (9CI) see: AG9625000

CY1578620 BENZENEACETIC ACID, 4-(DIFLUOROMETHOXY)-alpha-(1-METHYLETHYL)-, CYANO(3-PHENOXYPHENYL) METHYL ESTER
UPDT.8401 CAS: 70124-77-5 MW: 451.50 MOLFM: C26-H23-F2-N-O4
SYN: AC 222705 * (+ -)-CYANO(3-PHENOXYPHENYL)METHYL (+ -)-4-(DIFLUOROMETHOXY)-alpha-(1-METHYLETHYL)BENZENEACETATE * CYBOLT * FLUCYTHRINATE * PAY-OFF
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:67 mg/kg FMCHA2 -,C179,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENEACETIC ACID, 4-(1,3-DIHYDRO-1-OXO-2H-ISOINDOL-2-YL)-alpha-METHYL- see: MU6645000
BENZENEACETIC ACID, alpha-((DIMETHOXYPHOSPHINOTHIOYL)THIO)-, ETHYL ESTER see: AI7875000
BENZENEACETIC ACID, 3,7-DIMETHYL-6-OCTENYL ESTER (9CI) see: AJ2742000
BENZENEACETIC ACID, alpha-(DIPHENYLMETHYLENE)- (9CI) see: AT7100000
BENZENEACETIC ACID, alpha-ETHOXY-alpha-PHENYL-, 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: AH2790000
BENZENEACETIC ACID, ETHYL ESTER (9CI) see: AJ2824000
BENZENEACETIC ACID, alpha-ETHYL-4-NITRO- (9CI) see: ET5951000

CY1630000 BENZENEACETIC ACID, 3-HEXENYL ESTER, (Z)-
UPDT.8305 CAS: 42436-07-7 MW: 218.32 MOLFM: C14-H18-O2
SYN: cis-3-HEXENYL PHENYLACETATE * beta gamma-HEXENYL alpha-TOLUATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 17,803,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENEACETIC ACID, 4-HYDROXY- (9CI) see: AI2680000

CY1634500 BENZENEACETIC ACID, alpha-(HYDROXYMETHYL)-, 9-METHYL-3-OXA-9-AZATRICYCLO(3.3.1.0(sup 2,4)) NON-7-YL ESTER, (7-(S)-(1-alpha,2-beta,4-beta,5-alpha,7-beta))-, HYDROBROMIDE, mixt. with 3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE, N,N-DIMETHYL-gamma-PHENYL-2- PYRIDINEPROPANAMINE (Z)-2-BUTENEDIOATE (1:1) and ETHYL 4-AMINOBENZOATE
UPDT.8311 CAS: 74890-30-5 MW: 1131.20 MOLFM: C17-H21-N-O4 C16-N20-N2 C9-H11-N-O2 C8-H10-N4-O2 C4-H4-O4 Br
SYN: ANERON NYSCAPS
TOXICITY DATA AND REFERENCES:
3F17F18F19 orl-rat LD50:4550 mg/kg KIZAAL 43,168,80
3F17F18F19 orl-mus LD50:1500 mg/kg KIZAAL 43,168,80
BENZENEACETIC ACID, alpha-HYDROXY-alpha-PHENYL-, 1-AZABICYCLO(2.2.2)OCT-3-YL ESTER, (+ -)- see: DD4639000
BENZENEACETIC ACID, alpha-HYDROXY-alpha-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER (9CI) see: DD2480000
BENZENEACETIC ACID, alpha-HYDROXY-alpha-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE see: DD2800000
BENZENEACETIC ACID, alpha-HYDROXY-alpha-PHENYL-, 2-(DIMETHYLAMINO)-2-METHYLPROPYL ESTER see: DD3155000
BENZENEACETIC ACID, alpha-HYDROXY-alpha-PHENYL-, 2-(ETHYLPROPYLAMINO)ETHYL ESTER, HCl (9CI) see: DD3590000
BENZENEACETIC ACID, alpha-HYDROXY-, 3,3,5-TRIMETHYLCYCLOHEXYL ESTER (9CI) see: OO8200000
BENZENEACETIC ACID, 4-METHOXY- (9CI) see: AI8960000
BENZENEACETIC ACID, 2-METHOXY-4-(2-PROPENYL)PHENYL ESTER (9CI) see: AJ2465000
BENZENEACETIC ACID, 4-METHYL- (9CI) see: AJ7569000
BENZENEACETIC ACID, 3-METHYLBUTYL ESTER (9CI) see: AJ2945000
BENZENEACETIC ACID, METHYL ESTER (9CI) see: AJ3175000
BENZENEACETIC ACID, alpha-METHYL-4-(2-METHYLPROPYL)- see: MU6640000

CY1678800 BENZENEACETIC ACID, alpha-METHYL-4-(2-METHYLPROPYL)-, 2-PYRIDINYLMETHYL ESTER
UPDT.8406 CAS: 64622-45-3 MW: 297.43 MOLFM: C19-H23-N-O2
SYN: IBUPROFEN PICONOL * 2-(p-ISOBUTYLPHENYL)PROPIONIC ACID 2-PYRIDYLMETHYL ESTER * alpha-METHYL-4-(2-METHYLPROPYL)BENZENEACETIC ACID 2-PYRIDINYLMETHYL ESTER * PIMEPROFEN * PROPIONIC ACID 2-(p-ISOBUTYLPHENYL)- 2-PYRIDYLMETHYL ESTER * 2-PYRIDYLMETHYL 2-(p-(2-METHYLPROPYL)PHENYL)PROPIONATE
IRRITATION DATA AND REFERENCES:
skn-rbt 25 mg MOD OYYAA2 24,231,82
eye-rbt 25 mg OYYAA2 24,221,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 scu-rat TDLo:2800 mg/kg (17-22D preg/21D post) OYYAA2 24,21,82
1T76 scu-rat TDLo:4200 mg/kg (17-22D preg/21D post) OYYAA2 24,21,82
1T35 scu-rbt TDLo:2275 mg/kg (6-18D preg) OYYAA2 24,37,82
1T46 scu-rbt TDLo:5200 mg/kg (6-18D preg) OYYAA2 24,37,82
TOXICITY DATA AND REFERENCES:
3F07J25U26 orl-rat LD50:1440 mg/kg OYYAA2 23,691,82
3F07J25U26 ipr-rat LD50:1410 mg/kg OYYAA2 23,691,82
3F07J25U26 scu-rat LD50:1400 mg/kg OYYAA2 23,691,82
3F07J25U26 orl-mus LD50:1980 mg/kg OYYAA2 23,691,82
3F07J25U26 ipr-mus LD50:709 mg/kg OYYAA2 23,691,82
3F07J25U26 scu-mus LD50:1250 mg/kg OYYAA2 23,691,82
2F07K12 scu-dog LD50:986 mg/kg OYYAA2 23,691,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENEACETIC ACID, alpha-METHYL-4-(2-METHYLPROPYL)-, SODIUM SALT (9CI) see: MU6641000

CY1678900 BENZENEACETIC ACID, alpha-METHYL-3-PHENOXY-, CALCIUM SALT, DIHYDRATE, (+ -)-
UPDT.8403 CAS: 53746-45-5 MW: 558.68 MOLFM: C30-H26-O6-Ca-2H2-O
SYN: CALCIUM 2-(m-PHENOXYPHENYL)PROPIONATE DIHYDRATE * FENOPROFEN CALCIUM DIHYDRATE * FENOPROFEN CALCIUM SALT DIHYDRATE * FENOPRON * FEPRONA * LILLY 69323 * (+ -)-alpha-METHYL-3-PHENOXYBENZENEACETIC ACID CALCIUM SALT DIHYDRATE * NALFON * NALGESIC * PROGESIC
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:380 mg/kg IYKEDH 13,1128,82
* ipr-rat LD50:386 mg/kg IYKEDH 13,1128,82
* scu-rat LD50:366 mg/kg IYKEDH 13,1128,82
2F12J25 orl-mus LD50:800 mg/kg TXAPA9 25,444,73
* ipr-mus LD50:563 mg/kg IYKEDH 13,1128,82
* scu-mus LD50:1189 mg/kg IYKEDH 13,1128,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENEACETIC ACID, 4-(7-METHYLPROPYL)- (9CI) see: AI4200000
BENZENEACETIC ACID, alpha-METHYL-4-(2-PYRIDINYLAMINO)- see: MU6642500
BENZENEACETIC ACID, alpha-METHYL-4-(2-THIENYLCARBONYL)- see: MU6647000
BENZENEACETIC ACID, 4-NITRO- (9CI) see: AJ1130010
BENZENEACETIC ACID, alpha-PHENYL- see: AH2515000
BENZENEACETIC ACID, alpha-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, (9CI) see: AH2624000
BENZENEACETIC ACID, alpha-PHENYL-, 2-(DIETHYLAMINO)ETHYL-ESTER, HYDROCHLORIDE (9CI) see: AH2625000
BENZENEACETIC ACID, 2-PHENYLETHYL ESTER (9CI) see: AJ3255000
BENZENEACETIC ACID, alpha-PHENYL-alpha-PROPYL-, 2-(DIETHYLAMINO)ETHYL ESTER (9CI) see: AJ3400000
BENZENEACETIC ACID, alpha-PHENYL-alpha-PROPYL-, 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: YV7175000
BENZENEACETIC ACID, 2-PROPENYL ESTER (9CI) see: AJ2450000
BENZENEACETIC ACID, 2,3,6-TRICHLORO- (9CI) see: AJ8750000
BENZENEACETONITRILE (9CI) see: AM1400000
BENZENEACETONITRILE, alpha-BROMO- (9CI) see: AL8050000
BENZENEACETONITRILE, 3-BROMO- (9CI) see: AL8060000
BENZENEACETONITRILE, 4-BROMO- (9CI) see: AL8090000

CY1697000 BENZENEACETONITRILE, alpha-((CYANOMETHOXY)IMINO)-
UPDT.8401 CAS: 63278-33-1 MW: 185.20 MOLFM: C10-H7-N3-O

BEST COPY AVAILABLE

SYN: CGA-42,119 * CONCEP * alpha-((CYANOMETHOXYIIMINO) BENZACETONITRILE * alpha-((CYANOMETHOXYIIMINO)BENZENEACETONITRILE * CYOMETRINIL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2277 mg/kg FMCHA2 -,C59,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENZENEACETONITRILE, alpha-(((DIETHOXYPHOSPHINOTHIOYL)OXY)IMINO)- see: MD4740000
BENZENEACETONITRILE, 3,4-DIMETHOXY- (9CI) see: AL9325000
BENZENEACETONITRILE, alpha-((1-METHYL-2-PHENYLETHYL)AMINO)- (9CI) see: AM1050000
BENZENEACETONITRILE, alpha-PHENYL- (9CI) see: AL9800000
BENZENE, (ACETOXYMERCURI)- see: OV6475000
BENZENE, (ACETOXYMERCURIO)- see: OV6475000
BENZENE, ACETYL- see: AM5250000
BENZENEACETYL CHLORIDE (9CI) see: AO7000000

CY2275000 BENZENE, ALLYL-

UPDT:8305 CAS: 300-57-2 MW: 118.19 MOLFM: C9-H10
SYN: ALLYLBENZENE

TOXICITY DATA AND REFERENCES:
2F07F24 orl-rat LDLo:4620 mg/kg FCTXAV 2,327,64
orl-mus LD50:2900 mg/kg TXAPA9 7,18,65

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CY2450000 BENZENE, 4-ALLYL-1,2-DIMETHOXY-

UPDT:8412 CAS: 93-15-2 MW: 178.25 MOLFM: C11-H14-O2
SYN: 1-ALLYL-3,4-DIMETHOXYBENZENE * 4-ALLYL-1,2-DIMETHOXYBENZENE * 4-ALLYLVERATROLE * 1,2-DIMETHOXY-4-ALLYLBENZENE * 1-(3,4-DIMETHOXYPHENYL)-2-PROPENE * ENT 21040 * 1,3,4-EUGENOL METHYL ETHER * EUGENYL METHYL ETHER * METHYL EUGENOL * VERATROLE METHYL ETHER

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 13,857,75

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1179 mg/kg TXAPA9 31,421,75
3F17F07F05 ipr-mus LD50:540 mg/kg AIPTAK 199,226,72
3F17F07F05 ivn-mus LD50:112 mg/kg AIPTAK 199,226,72

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

CY2625000 BENZENE, 5-ALLYL-1-METHOXY-2,3-(METHYLENEDIOXY)-

UPDT:8408 CAS: 607-91-0 MW: 192.23 MOLFM: C11-H12-O3
SYN: 5-ALLYL-1-METHOXY-2,3-(METHYLENEDIOXY)BENZENE * MYRISTICIN

TOXICITY DATA AND REFERENCES:
3F03F06F08 orl-hmn TDLo:5700 ug/kg JNEUAY 2,205,61
orl-rat LD50:4260 mg/kg JAFCAU 30,563,82
2F01L03 orl-cat LDLo:400 mg/kg AMJPA6 80,563,09
scu-rbt LDLo:900 mg/kg AMJPA6 80,563,09
scu-gpg LDLo:2000 mg/kg AMJPA6 80,563,09

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CY2800000 BENZENE, 4-ALLYL-1,2-(METHYLENEDIOXY)-

UPDT:8412 CAS: 94-59-7 MW: 162.20 MOLFM: C10-H10-O2
SYN: 5-ALLYL-1,3-BENZODIOXOLE * ALLYLCATECHOL METHYLENE ETHER * ALLYLDIOXYBENZENE METHYLENE ETHER * 1-ALLYL-3,4-METHYLENEDIOXYBENZENE * 4-ALLYL-1,2-METHYLENEDIOXYBENZENE * m-ALLYLPYROCATECHIN METHYLENE ETHER * 4-ALLYLPYROCATECHOL FORMALDEHYDE ACETAL * ALLYLPYROCATECHOL METHYLENE ETHER * BENZENE, 1,2-METHYLENEDIOXY-4-ALLYL- * 1,3-BENZODIOXOLE, 5-ALLYL- * 1,2-METHYLENEDIOXY-4-ALLYLBENZENE * 3,4-METHYLENEDIOXY-ALLYLBENZENE * 3-(2-PROPENYL)-1,3-BENZODIOXOLE * RCRA WASTE NUMBER U203 * SHYUNO OIL * SA-HOL * SAFROLE * SAFROLE MF * SHIKIMOLE * SHIKOMOL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,983,74

MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate NTIS** AD-A116-715
mma-sat 600 pmol/plate MUREAV 53,180,78
mma-esc 5 gm/L PMRSDJ 1,219,81
dnr-esc 25 mg/L JJIND8 62,873,79
dnd-bcs 20 uL/disc PMRSDJ 1,175,81
mma-smc 22 mg/L PMRSDJ 1,414,81
dnr-smc 100 mg/L PMRSDJ 1,502,81
mrc-smc 175 ppm JJIND8 62,901,79
sln-smc 25 mg/L PMRSDJ 1,468,81
otr-rat-orl 150 mg/kg CNREA8 40,1157,80
dnd-rat:lvr 3 mmol/L SinJF# 26OCT82
dns-rat:lvr 1 umol/L CNREA8 42,3010,82
msc-mus:lym 15400 ug/L PMRSDJ 1,580,81
hma-mus/sat 5500 mg/kg JJIND8 62,911,79
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
otr-ham:emb 625 ppm IJCNAW 19,642,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
iTO1 ipr-mus TDLo:1 gm/kg (5D male) PMRSDJ 1,712,81

TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:200 gm/kg/94W-C CNREA8 37,1883,77
2V01L60 orl-mus LDLo:22 gm/kg/90W-I CNREA8 39,4378,79
3V02T65M61 orl-mus TDLo:480 mg/kg (12-18D preg) CNREA8 39,4378,79
2V03J60 ipr-mus TDLo:900 mg/kg/8W-I CNREA8 33,3069,73
2V02L60 orl-mus TD :210 gm/kg/52W-C CNREA8 37,1883,77
3V01L60L61 orl-mus TD :212 gm/kg/1Y-C CNREA8 43,1124,83
2V01L60 orl-mus TD :187 gm/kg/56W-C CNREA8 33,590,73
2V01L60 orl-mus TD :132 gm/kg/81W-I JNCIAM 42,1101,69
2V01L60 orl-mus TD :121 gm/kg/36W-C JJIND8 67,365,81
2V01L60 orl-mus TD :175 gm/kg/52W-C JJIND8 67,365,81
2V01L60 orl-mus TD :252 gm/kg/75W-C JJIND8 67,365,81
3V02L60L61 orl-mus TD :106 gm/kg/1Y-C CNREA8 43,1124,83
2V02L60 orl-mus TD :56 gm/kg/52W-C CNREA8 43,5163,83
2V01L60 orl-rat TD :183 gm/kg/2Y-C FEPRA7 20,287,61

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1950 mg/kg TXAPA9 7,18,65
2F07F19 orl-mus LD50:2350 mg/kg FCTXAV 2,327,64
ipr-mus LDLo:64 mg/kg CBCCT* 1,46,49
scu-cat LDLo:500 mg/kg AEXPBL 35,342,1895
orl-rbt LDLo:1000 mg/kg AEXPBL 35,342,1895
scu-rbt LDLo:1000 mg/kg AEXPBL 35,342,1895
ivn-rbt LDLo:200 mg/kg AEXPBL 35,342,1895

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; IJMDAI 10(4),416,74; CTRRDO 60,1171,76
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,169,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,231,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZENEAMINE, 4-CHLORO- see: BX0700000
BENZENEAMINE, 3,5-DINITRO- see: BX9200100
BENZENEAMINE, 4,4',4''-METHYLIDYNETRIS- (9CI) see: PB7350000
BENZENE, AMINO- see: BW6650000
BENZENE, ANILINO- see: JJ7800000
BENZENE, ARSENOSO- see: CH8100000

CY3150000 BENZENEARSONIC ACID

UPDT:7908 CAS: 98-05-5 MW: 202.05 MOLFM: C6-H7-As-O3
SYN: PHENYL ARSENIC ACID * PHENYLARSONIC ACID

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg JPETAB 93,287,48
orl-mus LD50:270 ug/kg CLDND*
ivn-rbt LD50:16 mg/kg JPETAB 80,93,44

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CY3200000 BENZENEARSONIC ACID, p-ACETONYLOXY-, SODIUM SALT

UPDT:7901 CAS: 74203-61-5 MW: 296.10 MOLFM: C9-H10-As-O5-Na
SYN: p-ACETONYLOXYBENZENEARSONIC ACID SODIUM SALT * SODIUM p-2-PROPANOL-OXY-PHENYLARSONATE

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:4000 mg/kg UCPHAQ 1,291,40

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

BENZENEARSONIC ACID, P-AMINO- see: CF7875000
BENZENEARSONIC ACID, 4-AMINO-2-HYDROXY- see: CF9520000

CY3850000 BENZENEARSONIC ACID, 3-AMINO-4-(2-HYDROXY)ETHOXY-

UPDT:7901 CAS: 64058-65-7 MW: 277.13 MOLFM: C8-H12-As-N-O5

TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:1700 mg/kg JPETAB 63,122,38
ims-rat LDLo:2000 mg/kg JPETAB 63,122,38

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY4025000 BENZENEARSONIC ACID, 3-AMINO-4(1-(2-HYDROXY)PROPOXY)-

UPDT:7901 CAS: 5423-12-1 MW: 291.16 MOLFM: C9-H14-As-N-O5

TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:2500 mg/kg JPETAB 63,122,38
ims-rat LDLo:3000 mg/kg JPETAB 63,122,38

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

BENZENEARSONIC ACID, p-((CARBAMOYLMETHYL)AMINO)- see: CF9450000

CY4200000 BENZENEARSONIC ACID, o-CHLORO-

UPDT:7901 CAS: 33781-24-7 MW: 236.49 MOLFM: C6-H6-As-Cl-O3

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg NCNSA6 5,13,53

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY4375000 BENZENEARSONIC ACID, p-CHLORO-

UPDT:7901 CAS: 5440-04-0 MW: 236.49 MOLFM: C6-H6-As-Cl-O3

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg NCNSA6 5,13,53

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY4550000 BENZENEARSONIC ACID, 2,5-DICHLORO-

UPDT:7901 CAS: 15075-40-4 MW: 270.93 MOLFM: C6-H5-As-Cl2-O3
SYN: 2,5-DICHLOROBENZENEARSONIC ACID

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,13,53

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY4725000 BENZENEARSONIC ACID, 3,4-DIFLUORO-

UPDT:7901 CAS: 368-68-3 MW: 238.03 MOLFM: C6-H5-As-F2-O3

TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:31 mg/kg CBCCT* 6,53,54

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY4800000 BENZENEARSONIC ACID, 4-(p-DIMETHYLAMINOPHENYLAZO)-, HYDROCHLORIDE

UPDT:7901 CAS: 73688-85-4 MW: 385.71 MOLFM: C14-H16-As-N3-O3-Cl-H
SYN: 4-(p-DIMETHYLAMINOPHENYLAZO)-BENZENEARSONIC ACID HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg CSLNX* NX#05710

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY4900000 BENZENEARSONIC ACID, p-ETHOXY-

UPDT:7901 CAS: 6269-93-8 MW: 246.11 MOLFM: C8-H11-As-O4

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg NCNSA6 5,13,53

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY4950000 BENZENEARSONIC ACID, p-FLUORO-

UPDT:7901 CAS: 5430-13-7 MW: 220.04 MOLFM: C6-H6-As-F-O3
SYN: 4-FLUOROBENZENEARSONIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#05114

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY5075000 BENZENEARSONIC ACID, p-HYDROXY-

UPDT:7901 CAS: 98-14-6 MW: 218.05 MOLFM: C6-H7-As-O4
SYN: p-HYDROXYBENZENEARSONIC ACID * para-HYDROXYPHENYLARSONIC ACID * OXARSANILIC ACID * PHENOL para-ARSONIC ACID

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:450 mg/kg JPETAB 63,122,38
ivn-rat LDLo:100 mg/kg JPETAB 63,122,38
ims-rat LDLo:90 mg/kg JPETAB 63,122,38
* ivn-mus LD50:56 mg/kg CSLNX* NX#04548

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY5250000 BENZENEARSONIC ACID, 4-HYDROXY-3-NITRO-

UPDT:8412 CAS: 121-19-7 MW: 263.05 MOLFM: C6-H6-As-N-O6
SYN: AKLOMIX 3 * ARSONIC ACID, (4-HYDROXY-3-NITROPHENYL)- * 4-HYDROXY-3-NITROBENZENEARSONIC ACID * 4-HYDROXY-3-NITROPHENYLARSONIC ACID * NCI-C56508 * 3N4HPA * NITRO ACID 100 per cent * 2-NITRO-1-HYDROXYBENZENE-4-ARSONIC ACID * 3-NITRO-4-HYDROXYBENZENEARSONIC ACID * 3-NITRO-4-HYDROXYPHENYLARSONIC ACID * NITROPHENOLARSONIC ACID * NSC 2101 * REN O-SAL * RISTAT * ROXARSONE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:155 mg/kg TXAPA9 5,507,63
ipr-rat LD50:66 mg/kg TXAPA9 5,507,63
orl-dog LDLo:50 mg/kg TXAPA9 5,507,63
orl-ckn LD50:110 mg/kg TXAPA9 5,507,63
ipr-ckn LD50:34 mg/kg TXAPA9 5,507,63

BEST COPY AVAILABLE

orl-trk LD50:61 mg/kg TXAPA9 5,507,63

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX As,-,77

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CY5425000 BENZENEARSONIC ACID, 4-(1-(2-HYDROXY)PROPOXY)-
UPDT:7901 CAS: 5411-08-5 MW: 276.14 MOLFM: C9-H13-As-O5
SYN: 4-p-PROPENOME-OXY-PHENYLARSONIC ACID

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3500 mg/kg UCPHAQ 1,291,40
ivn-rat LDLo:750 mg/kg JPETAB 63,122,38
ims-rat LDLo:600 mg/kg JPETAB 63,122,38

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY5500000 BENZENEARSONIC ACID, p-HYDROXY-, SODIUM SALT
UPDT:7901 CAS: 2437-19-6 MW: 240.03 MOLFM: C6-H6-As-O4 Na
SYN: SODIUM p-HYDROXYPHENYLARSONATE * SODIUM 4-HYDROXYPHENYLARSONATE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1000 mg/kg NTIS** AD691-490

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY5600000 BENZENEARSONIC ACID, p-METHOXY-
UPDT:7901 CAS: 6307-51-3 MW: 232.08 MOLFM: C7-H9-As-O4

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg NCNSA6 5,13,53

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY5775000 BENZENEARSONIC ACID, m-NITRO-
UPDT:7901 CAS: 618-07-5 MW: 247.05 MOLFM: C6-H6-As-N-O5

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:300 mg/kg NCNSA6 5,13,53

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY5950000 BENZENEARSONIC ACID, o-NITRO-
UPDT:7908 CAS: 5410-29-7 MW: 247.05 MOLFM: C6-H6-As-N-O5

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,13,53

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENECARBOXIMIDAMIDE, N-(2-HYDROXYPHENYL)- see: CV6264000

CY6125000 BENZENEARSONIC ACID, p-NITRO-
UPDT:7901 CAS: 98-72-6 MW: 247.05 MOLFM: C6-H6-As-N-O5
SYN: ARSONIC ACID, 4-NITROPHENYL * NITARSONE * 4-NITROBENZENEARSONIC ACID * p-NITROPHENYLARSONIC ACID * 4-NITROPHENYLARSONIC ACID * RAS-26

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,13,53
* ivn-mus LD50:18 mg/kg CSLNX* NX#01192

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX As,-,77

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CY6300000 BENZENEARSONIC ACID, p-(2-OXOPROPOXY)-
UPDT:7901 CAS: 64058-54-4 MW: 274.12 MOLFM: C9-H11-As-O5

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:2500 mg/kg JPETAB 63,122,38
ivn-rat LDLo:900 mg/kg JPETAB 63,122,38
ims-rat LDLo:600 mg/kg JPETAB 63,122,38

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

BENZENEARSONIC ACID, p-UREIDO- see: CF9275000
BENZENEARSONOUS ACID, DITHIO-p-UREIDO-, DIESTER with MERCAPTOACETIC ACID see: AI6500000
BENZENEARSONOUS ACID, DITHIO-p-UREIDO-, DIESTER with o-MERCAPTOBENZOIC ACID see: DM3400000
BENZENE AZIMIDE see: DM1225000
4-BENZENEAZOANILINE see: BY8225000
BENZENEAZO-2-ANTHROL see: CB8925000
BENZENEAZOBENZENE see: CN1400000
BENZENEAZOBENZENEAZO-beta-NAPHTHOL see: QK4250000
BENZENE, AZODI see: CN1400000
BENZENEAZODIMETHYLANILINE see: BX7350000
BENZENE-1-AZO-2-NAPHTHOL see: QL4900000
1-BENZENEAZO-2-NAPHTHOL see: QL4900000
BENZENE-1-AZO-2-NAPHTHOL see: QL4900000
BENZENEAZO-beta-NAPHTHOL see: QL4900000
1-BENZENE-AZO-beta-NAPHTHYLAMINE see: QM4725000
1-BENZENEAZO-2-NAPHTHYLAMINE see: QM4725000
p-BENZENEAZOPHENOL see: SM8300000
BENZENE, AZOXYDI- see: CO4025000

CY8225000 BENZENE, 1-(BENZYLOXY)-2-METHOXY-4-PROPENYL-
UPDT:8307 CAS: 120-11-6 MW: 254.35 MOLFM: C17-H18-O2
SYN: BENZYL ALCOHOL ether with ISOEUGENOL * BENZYL ISOEUGENOL * BENZYL ISOEUGENOL ETHER * BENZYL 2-METHOXY-4-PROPENYLPHENYL ETHER * ISOEUGENOL, BENZYL ETHER

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1025,73

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4900 mg/kg FCTXAV 11,1025,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CY8420000 BENZENE, 1,4-BIS(CHLOROMETHOXYMETHYL)-
UPDT:8401 CAS: 56894-91-8 MW: 235.12 MOLFM: C10-H12-Cl2-O2
SYN: BIS-1,4-(CHLOROMETHOXY) p-XYLENE * 1,4-BIS(CHLOROMETHOXYMETHYL)BENZENE

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:2590 mg/kg/72W-I CNREAB 35,2553,75
2V03V10 ipr-mus TDLo:310 mg/kg/78W-I CNREAB 35,2553,75
2V02V10 scu-mus TDLo:970 mg/kg/81W-I CNREAB 35,2553,75

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW;ANIMAL POSITIVE IARC** 15,37,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENE, BIS(CHLOROMETHYL)- (9CI) see: ZE4055000 XYLENE, alpha,alpha'-DICHLORO-

CY9000000 BENZENE, BROMO-
UPDT:8412 CAS: 108-86-1 MW: 157.02 MOLFM: C6-H5-Br
SYN: BROMOBENZENE * BROMOBENZENE (DOT) * MONOBROMOBENZENE * NCI-C55492 * PHENYL BROMIDE * UN 2514 (DOT)

MUTATION DATA AND REFERENCES:
dnr-esc 250 mg/L JJIND8 62,873,79

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2699 mg/kg GTPZAB 19(9),36,75
* ihl-rat LC50:20411 mg/m3 GTPZAB 19(9),36,75
* ipr-mus LD50:1000 mg/kg JJIND8 62,911,79
3C0BJ26J30 scu-mus LD50:2000 mg/kg JJPAAZ 3,99,54
* ihl-mam LC50:14400 mg/m3 GTPZAB 18(4),55,74
* ipr-mam LD50:2030 mg/kg GTPZAB 18(4),55,74

STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CY9023000 BENZENE, 4-BROMO-1,2-DINITRO-
UPDT:8308 MW: 247.02 MOLFM: C6-H3-Br-N2-O4
SYN: 4-BROMO-1,2-DINITROBENZENE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

CY9024000 BENZENE, 1-BROMO-3-(EPOXYETHYL)-
UPDT:8403 MW: 199.06 MOLFM: C8-H7-Br-O
SYN: 1-BROMO-3-(EPOXYETHYL)BENZENE * p-BROMOSTYRENE OXIDE * p-BROMOSTYRENE 7,8-OXIDE * 4-BROMOSTYRENE OXIDE * 4-BROMOSTYRENE OXIDE * OXIRANE, (3-BROMOPHENYL)-

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate MUREAV 111,99,83

CY9025000 BENZENE, 1-BROMO-4-(EPOXYETHYL)-
UPDT:8403 CAS: 32017-76-8 MW: 199.06 MOLFM: C8-H7-Br-O
SYN: 1-BROMO-4-(EPOXYETHYL)BENZENE * p-BROMOSTYRENE OXIDE * p-BROMOSTYRENE 7,8-OXIDE * 4-BROMOSTYRENE OXIDE * 4-BROMOSTYRENE OXIDE * OXIRANE, (p-BROMOPHENYL)- * OXIRANE, (4-BROMOPHENYL)- (9CI)

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate MUREAV 111,99,83
mma-esc 2 mmol/L CMSHAF 7,737,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
BENZENE, (BROMOMETHYL)- see: XS7965000
BENZENE, 1-BROMO-3-METHYL- see: XS7965400
BENZENE, 1-(BROMOMETHYL)-4-NITRO- see: XS7967000

CY9040450 BENZENE, 1-BROMO-2-NITRO-
UPDT:8401 CAS: 577-19-5 MW: 202.02 MOLFM: C6-H4-Br-N-O2
SYN: o-BROMONITROBENZENE * 2-BROMONITROBENZENE * 1-BROMO-2-NITROBENZENE (DOT) * o-NITROBROMOBENZENE * 2-NITROBROMOBENZENE * o-NITROBROMOBENZENE (DOT) * UN 2732 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CY9040500 BENZENE, 1-BROMO-3-NITRO-
UPDT:8401 CAS: 585-79-5 MW: 202.02 MOLFM: C6-H4-Br-N-O2
SYN: m-BROMONITROBENZENE * 3-BROMONITROBENZENE m-NITROBROMOBENZENE * 3-NITROBROMOBENZENE * m-NITROBROMOBENZENE (DOT) * UN 2732 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CY9040550 BENZENE, 1-BROMO-4-NITRO-
UPDT:8401 CAS: 586-78-7
SYN: p-BROMONITROBENZENE * 4-BROMONITROBENZENE * p-NITROBROMOBENZENE * 4-NITROBROMOBENZENE * p-NITROBROMOBENZENE (DOT) * UN 2732 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENEBUTANAMIDE, N-(2-(DIETHYLAMINO)ETHYL)- see: ES4309320
BENZENEBUTANAMIDE, N-(2-(DIMETHYLAMINO)ETHYL)- see: ES4339510
BENZENEBUTANOIC ACID, 4-(BIS(2-CHLOROETHYL)AMINO)- see: ES7525000
BENZENEBUTANOIC ACID, 3-CHLORO-4-CYCLOHEXYL-alpha-OXO- see: UE8860000
BENZENEBUTANOIC ACID, 3-CHLORO-4-CYCLOHEXYL-alpha-OXO- see: UE8850000
BENZENEBUTANOIC ACID, alpha,2-DIAMINO-3-HYDROXY-gamma-OXO- (9CI) see: AY6475000
BENZENEBUTANOIC ACID, gamma-METHYL- (9CI) see: YV7815000

CY9053500 BENZENEBUTANOIC ACID, beta,beta'-OXYBIS(alpha,2-DIAMINO-gamma-OXO-
UPDT:8411 CAS: 32447-45-3 MW: 430.46 MOLFM: C20-H22-N4-O7

MUTATION DATA AND REFERENCES:
cyt-mus-scu 400 mg/kg TGANAK 2,538,68

CY9070000 BENZENE, BUTYL-
UPDT:8312 CAS: 104-51-8 MW: 134.24 MOLFM: C10-H14
SYN: n-BUTYLBENZENE * n-BUTYLBENZENE (DOT) * 1-PHENYLBUTANE * UN 2709 (DOT)

TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:5000 mg/kg AMIHAB 19,403,59

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CY9100000 BENZENE, sec-BUTYL-
UPDT:8312 CAS: 135-98-8 MW: 134.24 MOLFM: C10-H14
SYN: sec-BUTYLBENZENE * sec-BUTYLBENZENE (DOT) * 2-PHENYLBUTANE * UN 2709 (DOT)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2240 mg/kg TXAPA9 28,313,74

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CY9120000 BENZENE, tert-BUTYL-
UPDT:8312 CAS: 98-06-6 MW: 134.24 MOLFM: C10-H14
SYN: tert-BUTYLBENZENE * tert-BUTYLBENZENE (DOT) * 2-METHYL-2-PHENYLPROPANE * PSEUDOBUTYLBENZENE * TRIMETHYLPHENYLMETHANE * UN 2709 (DOT)

TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:5000 mg/kg AMIHAB 19,403,59

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENE, 1-tert-BUTYL-3,5-DIMETHYL-2,4,6-TRINITRO- see: CZ7210000
BENZENE, 1-tert-BUTYL-2,6-DINITRO-3,4,5-TRIMETHYL- see: CZ7220000

BEST COPY AVAILABLE

BENZENE, 1-BUTYL-2-METHYL- (9CI) see: XS8300000
BENZENE, 1-BUTYL-3-METHYL- (9CI) see: XS8150000
BENZENE, 1-BUTYL-4-METHYL- (9CI) see: XS8390000
BENZENE CARBALDEHYDE see: CU4375000
BENZENECARBINOL see: DN3150000
BENZENECARBONAL see: CU4375000
BENZENECARBONYL CHLORIDE see: DM6600000
BENZENECARBOPEROXOIC ACID (9CI) see: SD9280000
BENZENECARBOPEROXOIC ACID, 3-CHLORO- (9CI) see: SD9470000
BENZENECARBOTHIOAMIDE see: CV5860000
BENZENECARBOTHIOAMIDE, 2-(ACETYLOXY)-3-BROMO-N-(4-BROMOPHENYL)-5-CHLORO- see: VN8230000
BENZENECARBOTHIOAMIDE, 2,6-DICHLORO- (9CI) see: CV3850000
BENZENECARBOTHIOAMIDE, N-METHYL- (9CI) see: CV5598100

CY9569900 BENZENECARBOTHIOIC ACID, S-(2-(((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)FORMYLAMINO)-1-(2- (BENZOYLOXY)ETHYL)-1-PROPENYL)ESTER, mixt. with 3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE, 2-ETHOXYBENZAMIDE and N-(4-ETHOXYPHENYL)-3-HYDROXYBUTANAMIDE
UPDT:8408 CAS: 8067-11-6 MW: 975.21 MOLFM: C26-H26-N4-O4-S . C12-H17-N-O3 . C9-H11-N-O2 . C8-H10-N4-O2

SYN: BUTYLON

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:898 mg/kg OYYAA2 16,715,78

BENZENECARBOXALDEHYDE see: CU3750000
BENZENECARBOXIMIDAMIDE, 4-AMINO- (9CI) see: CV6125600
BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(4-CHLOROPHENYL)- see: CV6132000
BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(2,5-DIMETHOXYPHENYL)- see: CV6134200
BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(3-FLUOROPHENYL)- see: CV6134400
BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(2-METHOXYPHENYL)- see: CV6136000
BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(4-METHOXYPHENYL)- see: CV6136100
BENZENECARBOXIMIDAMIDE, N-(3-CHLORO-4-METHYLPHENYL)- see: CV6137200
BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(4-METHYLPHENYL)- see: CV6137300
BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-1-NAPHTHALENYL- see: CV6136300
BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-2-NAPHTHALENYL- see: CV6136400
BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-PHENYL- see: CV6136800
BENZENECARBOXIMIDAMIDE, 2-CHLORO-N (3-(TRIFLUOROMETHYL)PHENYL)- see: CV6137400
BENZENECARBOXIMIDAMIDE, 2-CHLORO-N-(3,4,5-TRIMETHOXYPHENYL)- see: CV6137500
BENZENECARBOXIMIDAMIDE, N-(3,4-DICHLOROPHENYL)- see: CV6142600
BENZENECARBOXIMIDAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-4-ETHOXY-, DIHYDROCHLORIDE, HYDRATE (9CI) see: CV6145000
BENZENECARBOXIMIDAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-4-(1-METHYLETHOXY)- (9CI) see: CV6155000
BENZENECARBOXIMIDAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-4-PROPOXY-, DIHYDROCHLORIDE (9CI) see: CV6175000
BENZENECARBOXIMIDAMIDE, N-(2,5-DIMETHOXYPHENYL)- see: CV6184000
BENZENECARBOXIMIDAMIDE, N-(3-FLUOROPHENYL)- see: CV6253000
BENZENECARBOXIMIDAMIDE, N-(2-METHOXYPHENYL)- see: CV6283000
BENZENE CARBOXIMIDAMIDE, 4-METHYL-, MONOHYDROCHLORIDE (9CI) see: XS4805000
BENZENECARBOXIMIDAMIDE, 4-PROPOXY-N-(2-(1-PYRROLIDINYL)ETHYL)-, DICHLORIDE (9CI) see: CV6550000
BENZENECARBOXIMIDAMIDE, N-(3-(TRIFLUOROMETHYL)PHENYL)- see: CV6565000
BENZENECARBOXIMIDAMIDE, N-(3,4,5-TRIMETHOXYPHENYL)- see: CV6570000
BENZENECARBOXIMIDOTHIOIC ACID, 4-CHLORO-N-(((METHYLAMINO)CARBONYL)OXY)-, METHYL ESTER see: DE3000000
BENZENECARBOXYLIC ACID see: DG0875000
BENZENE CHLORIDE see: CZ0175000

CZ0175000 BENZENE, CHLORO-
UPDT:8412 CAS: 108-90-7 MW: 112.56 MOLFM: C6-H5-Cl
SYN: BENZENE CHLORIDE * CHLOORBENZEEN (Dutch) * CHLORBENZENE * CHLORBENZOL * CHLOROBENZEN (Polish) * CHLOROBENZENE * CHLOROBENZENE (DOT) * CHLOROBENZOL (DOT) * CLOROBENZENE (Italian) * MCB * MONOCHLORBENZEEN (Dutch) * MONOCHLORBENZENE * MONOCHLORBENZOL (German) * MONOCHLOROBENZENE * MONOCLOROBENZENE (Italian) * NCI-C54886 * PHENYL CHLORIDE * RCRA WASTE NUMBER U037 * UN 1134 (DOT)

MUTATION DATA AND REFERENCES:
mrc-smc 1000 ppm NTIS** PB84-138973

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2910 mg/kg 14CYAT 2,1334,63
ipr-rat LDLo:7400 mg/kg RMSRA6 16,449,1896
scu-rat LDLo:7000 mg/kg RMSRA6 16,449,1896
ihl-mus LCLo:15 gm/m3 GISAAA 20(8),19,55
orl-rbt LD50:2830 mg/kg 14CYAT 2,1394,63
ipr-gpg LDLo:4100 mg/kg RMSRA6 16,449,1896

REVIEW AND REFERENCES:
★ TLV-TWA 75 ppm DTLVS* 4,84,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 75 ppm (SCP-I) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1080-0368,8EHQ-0979-0310,8EHQ-0180-0330

BENZENE, 1-CHLORO-2-(2,2-DICHLORO-1-(4-CHLOROPHENYL)ETHYL)- see: KM7.80000

CZ0490000 BENZENE, CHLORODINITRO- (mixed isomers)
UPDT:8310 CAS: 2556-67-3 MW: 202.56 MOLFM: C6-H3-Cl-N2-O4
SYN: CHLORODINITROBENZENE * CHLORODINITROBENZENE (DOT) * DINITROCHLOROBENZENE * DINITROCHLOROBENZENE (DOT) * UN 1577 (DOT)

MUTATION DATA AND REFERENCES:
dnd-mus-ipr 60 mg/kg BSIBAC 56,1580,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

CZ0525000 BENZENE, 1-CHLORO-2,4-DINITRO-
UPDT:8403 CAS: 97-00-7 MW: 202.56 MOLFM: C6-H3-Cl-N2-O4
SYN: CDNB * 1-CHLOOR-2,4-DINITROBENZEEN (Dutch) * 1-CHLOR-2,4-DINITROBENZENE * 1-CHLORO-2,4-DINITROBENZENE * 4-CHLORO-1,3-DINITROBENZENE * 6-CHLORO-1,3-DINITROBENZENE * 1-CHLORO-2,4-DINITROBENZOL (German) * 1-CLORO-2,4-DINITROBENZENE (Italian) * 2,4-DINITROCHLOROBENZENE * 1,3-DINITRO-4-CHLOROBENZENE * 2,4-DINITRO-1-CHLOROBENZENE * DINITROCHLOROBENZOL * DINITROCHLOROBENZOL (DOT) * DNCB

IRRITATION DATA AND REFERENCES:
skn-hmn 30 ug CODEDG 2,247,76
skn-rbt 100 ug/24H open AIHAAP 23,95,62

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate ADREDL 266,315,79
mmo-sat 50 ug/plate ADREDL 266,315,79
dnd-mus-ipr 30 mg/kg MUREAV 116,239,83
otr-ham:kdy 10 mg/L ARTODN 45,307,80

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1070 mg/kg AIHAAP 23,95,62
ipr-rat LD50:280 mg/kg AGGHAR 17,217,59
1R10 skn-rbt LD50:130 mg/kg AIHAAP 23,95,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ0526000 BENZENE, 1-CHLORO-3-(EPOXYETHYL)-
UPDT:8306 CAS: 20697-04-5 MW: 154.60 MOLFM: C8-H7-Cl-O
SYN: (m-CHLOROPHENYL)OXIRANE * m-CHLOROSTYRENE OXIDE * 3-CHLOROSTYRENE OXIDE * OXIRANE, (3-CHLOROPHENYL)- (9CI)

MUTATION DATA AND REFERENCES:
mmo-sat 2060 umol/L MUREAV 58,159,78
mmo-esc 2 mmol/L CMSHAF 7,737,78
msc-ham:lng 200 umol/L CMSHAF 8,369,79

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BENZENE, 1,1',1''-(1-CHLORO-1-ETHENYL-2-YLIDENE)TRIS(4-METHOXY)- see: KV0600000

CZ0700000 BENZENE, CHLOROETHYL-
UPDT:8407 CAS: 1331-31-3 MW: 140.62 MOLFM: C8-H9-Cl
SYN: ETHYLCHLOROBENZENE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 500 mg AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5000 mg/kg JIHTAB 30,63,48
skn-rbt LD50:18 gm/kg JIHTAB 30,63,48

CZ0720000 BENZENE, 2-CHLORO-1-FLUORO-4-NITRO-
UPDT:8402 MW: 175.55 MOLFM: C6-H3-Cl-F-N-O2
SYN: 2-CHLORO-1-FLUORO-4-NITROBENZENE * 3-CHLORO-4-FLUORONITROBENZENE

MUTATION DATA AND REFERENCES:
mmo-sat 102 ug/plate MUREAV 116,217,83

BENZENE, (CHLOROMERCURI)- see: OW1400000
BENZENE, (CHLOROMETHYL)- see: XS8925000
BENZENE, 1-CHLORO-2-METHYL- (9CI) see: XS9000000
BENZENE, 1-CHLORO-3-METHYL- see: XS8990000
BENZENE, 1-CHLORO-4-METHYL- see: XS9010000
BENZENE, 4-(CHLOROMETHYL)-1,2-DIMETHOXY- see: XS9060000

CZ0855000 BENZENE, CHLORONITRO- (mixed isomers)
UPDT:8303 CAS: 25167-93-5 MW: 157.56 MOLFM: C6-H4-Cl-N-O2
SYN: CHLORONITROBENZENE * MONONITROCHLOROBENZENE * NITROCHLOROBENZENE

MUTATION DATA AND REFERENCES:
dnd-mus-ipr 60 mg/kg ARTODN (Suppl 5),355,82

CZ0875000 BENZENE, 1-CHLORO-2-NITRO-
UPDT:8408 CAS: 88-73-3 MW: 157.56 MOLFM: C6-H4-Cl-N-O2
SYN: CHLORO-o-NITROBENZENE * o-CHLORONITROBENZENE * 1-CHLORO-2-NITROBENZENE * 2-CHLORONITROBENZENE * 2-CHLORO-1-NITROBENZENE * o-NITROCHLOROBENZENE * NITROCHLOROBENZENE, ortho- LIC_{50}JID (DOT) * ONCB * UN 1578 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 205 ug/plate MUREAV 116,217,83
mmo-sat 100 ug/plate ENMUDM 5(Suppl 1),3,83

TUMORIGENIC DATA AND REFERENCES:
3V02K60N60 orl-rat TDLo:22 gm/kg/78W-C JEPTDQ 2(2),325,78
2V01L60 orl-mus TDLo:140 gm/kg/78W-C JEPTDQ 2(2),325,78
2V01L60 orl-mus TD :280 gm/kg/78W-C JEPTDQ 2(2),325,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:288 mg/kg NTIS** PB214-270
orl-mus LD50:135 mg/kg NTIS** PB214-270
* orl-rbt LD50:280 mg/kg 85GMAT -,92,82

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ0940000 BENZENE, 1-CHLORO-3-NITRO-
UPDT:8408 CAS: 121-73-3 MW: 157.56 MOLFM: C6-H4-Cl-N-O2
SYN: CHLORO-m-NITROBENZENE * m-CHLORONITROBENZENE * 1-CHLORO-3-NITROBENZENE * m-NITROCHLOROBENZENE * NITROCHLOROBENZENE, meta- SOLID (DOT) * UN 1578 (DOT)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:470 mg/kg GTPZAB 25(8),50,81
* orl-mus LD50:380 mg/kg GTPZAB 25(8),50,81

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ1050000 BENZENE, 1-CHLORO-4-NITRO-
UPDT:8408 CAS: 100-00-5 MW: 157.56 MOLFM: C6-H4-Cl-N-O2
SYN: 1-CHLOOR-4-NITROBENZEEN (Dutch) * 1-CHLOR-4-NITROBENZOL (German) * p-CHLORONITROBENZENE * 1-CHLORO-4-NITROBENZENE * 4-CHLORONITROBENZENE * 4-CHLORO-1-NITROBENZENE * 1-CLORO-4-NITROBENZENE (Italian) * p-NITROCHLOROBENZOL (German) * p-NITROCHLOORBENZEEN (Dutch) * p-NITROCHLOROBENZENE * NITROCHLOROBENZENE, para- SOLID (DOT) * p-NITROCLOROBENZENE (Italian) * PNCB * UN 1578 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 819 ug/plate MUREAV 116,217,83
mmo-sat 100 ug/plate ENMUDM 5(Suppl 1),3,83
dnd-mus-ipr 60 mg/kg BSIBAC 56,1680,80

TUMORIGENIC DATA AND REFERENCES:
3V01H60L60 orl-mus TDLo:194 gm/kg/78W-C JEPTDQ 2(2),325,78
3V01H60L60 orl-mus TD :390 gm/kg/78W-C JEPTDQ 2(2),325,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:420 mg/kg AGGHAR 17,217,59
ipr-rat LD50:420 mg/kg AGGHAR 17,217,59
scu-rat LD50:16 gm/kg AGGHAR 17,217,59
orl-mus LD50:650 mg/kg FATOAO 29,619,66

REVIEW AND REFERENCES:
★ TLV-TWA 500 ppb (skin) DTLVS* 4,303,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 (skin) (SCP-P) FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S218
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ1224500 BENZENE, 4-CHLORO-1-NITRO-2-(2-NITROVINYL)-
UPDT:8406 CAS: 73688-91-2 MW: 228.60 MOLFM: C8-H5-Cl-N2-O4
SYN: 4-CHLORO-1-NITRO-2-(2-NITROVINYL)BENZENE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg CSLNX* NX#07071

BENZENE, 1-CHLORO-2-(4-NITROPHENOXY)- (9CI) see: KN6742000

BEST COPY AVAIL

BENZENE, 1-CHLORO-3-(4-NITROPHENOXY)- (9CI) see: KN6741000
BENZENE, 1-CHLORO-4-(4-NITROPHENOXY)- (9CI) see: KN6743000

CZ1225200 BENZENE, 1-CHLORO-2-(4-NITROSOPHENOXY)-
UPDT:8406 CAS: 73143-93-8 MW: 233.66 MOLFM: C12-H8-Cl-N-O2
SYN: 2'-CHLORO-4-NITROSOBIPHENYL ETHER * 1-CHLORO-2-(4-NITROSOPHENOXY)BENZENE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate — CBINA8 44,133,83
mma-sat 100 ug/plate — CBINA8 44,133,83

CZ1225300 BENZENE, 1-CHLORO-3-(4-NITROSOPHENOXY)-
UPDT:8406 CAS: 73143-94-9 MW: 233.66 MOLFM: C12-H8-Cl-N-O2
SYN: 3'-CHLORO-4-NITROSOBIPHENYL ETHER * 1-CHLORO-3-(4-NITROSOPHENOXY)BENZENE
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate — CBINA8 44,133,83
mma-sat 100 ug/plate — CBINA8 44,133,83

CZ1225400 BENZENE, 1-CHLORO-4-(4-NITROSOPHENOXY)-
UPDT:8406 CAS: 73143-90-5 MW: 233.66 MOLFM: C12-H8-Cl-N-O2
SYN: 4'-CHLORO-4-NITROSOBIPHENYL ETHER * 1-CHLORO-4-(4-NITROSOPHENOXY)BENZENE
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate — CBINA8 44,133,83
mma-sat 100 ug/plate — CBINA8 44,133,83

CZ1225550 BENZENE, 1-CHLORO-2-NITRO-, mixed with NORHARMAN
UPDT:8311
SYN: 1-CHLORO-2-NITROBENZENE mixed with NORHARMAN * o-NITROCHLOROBENZENE mixed with NORHARMAN * NORHARMAN mixed with 1-CHLORO-2-NITROBENZENE * NORHARMAN mixed with o-NITROCHLOROBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate — MUREAV 120,105,83

BENZENE, 1-CHLORO-2-(TRIFLUOROMETHYL)- (9CI) see: XS9144000
BENZENE, 1-CHLORO-3-(TRIFLUOROMETHYL)- (9CI) see: XS9143000
BENZENE, 1-CHLORO-4-(TRIMETHYL)- (9CI) see: XS9145000

CZ1225800 BENZENE, CHLOROTRINITRO-
UPDT:8312 CAS: 28260-61-9 MW: 247.56 MOLFM: C6-H2-Cl-N3-O6
SYN: TRINITROCHLOROBENZENE * TRINITROCHLOROBENZENE (DOT) * UN 0155 (DOT)
MUTATION DATA AND REFERENCES:
dnd-mus-ipr 60 mg/kg — BSIBAC 56,1680,80
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A — CFRGBR 49,172.102,83

BENZENE, CYANO- see: DI2450000

CZ1330009 BENZENE, CYCLOHEXYL-
UPDT:8406 CAS: 827-52-1 MW: 160.28 MOLFM: C12-H16
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:5000 mg/kg — 28ZRAQ -,55,60
3F07J22R21 ipr-mus LD50:248 mg/kg — LIFSAK 31,803,82
3F07J22R21 ivn-mus LD50:67 mg/kg — LIFSAK 31,803,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

m-BENZENEDIAMINE see: SS7700000
p-BENZENEDIAMINE see: SS8050000
1,2-BENZENEDIAMINE see: SS7875000
1,3-BENZENEDIAMINE see: SS7700000
1,4-BENZENEDIAMINE see: SS8050000
1,3-BENZENEDIAMINE, 4-BUTOXY-, DIHYDROCHLORIDE (9CI) see: SS8700000 m-PHENYLENEDIAMINE, 4-BUTOXY-, DIHYDROCHLORIDE
1,2-BENZENEDIAMINE, 4-CHLORO- (9CI) see: SS8850000
1,3-BENZENEDIAMINE, 4-CHLORO- (9CI) see: SS8800000
1,3-BENZENEDIAMINE, N(sup 3),N(sup 3)-DIETHYL-2,4-DINITRO-6-(TRIFLUOROMETHYL)- see: XS9990000
m-BENZENEDIAMINE DIHYDROCHLORIDE see: SS9800000
p-BENZENEDIAMINE DIHYDROCHLORIDE see: ST0350000
1,4-BENZENEDIAMINE DIHYDROCHLORIDE see: ST0350000
1,4-BENZENEDIAMINE, N,N-DIMETHYL- (9CI) see: ST0875000
1,3-BENZENEDIAMINE, 4-ETHOXY-, DIHYDROCHLORIDE (9CI) see: ST2480000 m-PHENYLENEDIAMINE, 4-ETHOXY-, DIHYDROCHLORIDE
1,3-BENZENEDIAMINE HYDROCHLORIDE see: SS9800000
1,4-BENZENEDIAMINE, 2-METHOXY- (9CI) see: ST2692000
1,3-BENZENEDIAMINE, 4-METHOXY- (9CI) see: BZ8580500
1,3-BENZENEDIAMINE, 4-METHOXY, SULFATE (1:1) (9CI) see: ST2705000
BENZENEDIAMINE, ar-METHYL- see: XS9445000
1,3-BENZENEDIAMINE, 2-METHYL- see: XS9750000
1,4-BENZENEDIAMINE, 2-METHYL- see: XS9700000
1,3-BENZENEDIAMINE, 4-(1-METHYLETHOXY)-, DIHYDROCHLORIDE (9CI) see: ST2630000
1,4-BENZENEDIAMINE, 2-METHYL-, SULFATE (9CI) see: XT0524000
1,4-BENZENEDIAMINE, N-PHENYL- (9CI) see: ST3150000
1,3-BENZENEDIAMINE, 4-PROPOXY-, DIHYDROCHLORIDE (9CI) see: ST3560000 m-PHENYLENEDIAMINE, 4-PROPOXY-, DIHYDROCHLORIDE

CZ1610000 BENZENE, p-DIAZIDO-
UPDT:8308 CAS: 2294-67-5 MW: 160.16 MOLFM: C6-H4-N6
SYN: BENZENE, 1,4-DIAZIDO- * p-DIAZIDOBENZENE (DOT) * 1,4-DIAZIDOBENZENE * p-PHENYLENE DIAZIDE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

BENZENE, 1,4-DIAZIDO- see: CZ1610000

CZ1620000 BENZENE, 1,3-DIAZIDO-2,4,6-TRINITRO-
UPDT:8308 MW: 295.16 MOLFM: C6-H-N9-O6
SYN: 1,3-DIAZIDO-2,4,6-TRINITROBENZENE * 2,4,6-TRINITRO-1,3-DIAZIDOBENZENE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

BENZENEDIAZO p-CHLOROPHENYL SULFIDE, 2,4,5-TRICHLORO- see: IL8842000
BENZENE, 1,1'-(DIAZOMETHYLENE)BIS- see: PA7200000

CZ1695000 BENZENEDIAZONIUM, CHLORIDE
UPDT:8308 MW: 140.58 MOLFM: C6-H5-N2-Cl
SYN: BENZENEDIAZONIUM CHLORIDE, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

BENZENEDIAZONIUM CHLORIDE, dry (DOT) see: CZ1695000

CZ1706700 BENZENEDIAZONIUM, 4-(HYDROXYMETHYL)-, SULFATE (2:1)
UPDT:8411 MW: 184.15 MOLFM: C7-H7-N2-O-1/2H2-O4-S
TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 scu-mus TDLo:1300 mg/kg/26W-I — PAACA3 25,115,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ1709800 BENZENEDIAZONIUM, NITRATE
UPDT:8308 MW: 167.14 MOLFM: C6-H5-N3-O3
SYN: BENZENEDIAZONIUM NITRATE, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

BENZENEDIAZONIUM NITRATE, dry (DOT) see: CZ1709800

CZ1715000 BENZENEDIAZONIUM, m-NITRO-, PERCHLORATE
UPDT:8308 MW: 250.59 MOLFM: C6-H4-N3-O2-Cl-H-O4
SYN: m-NITROBENZENEDIAZONIUM PERCHLORATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

CZ1750000 BENZENEDIAZOSULFONIC ACID, p-(DIMETHYLAMINO)-, SODIUM SALT
UPDT:8412 CAS: 140-56-7 MW: 251.26 MOLFM: C8-H10-N3-O3-S-Na
SYN: BAY 5072 * BAY 22555 * BAYER 5072 * BAYER 22555 * DAPA * DAS * DERSONAL * DEXON * DEXOXON * DIAZENESULFONIC ACID, (4-(DIMETHYLAMINO)PHENYL)-, SODIUM SALT * p-DIMETHYLAMINOBENZENE DIAZO SODIUM SULFONATE * p-DIMETHYLAMINOBENZENEDIAZOSODIUM SULPHONATE * p-(DIMETHYLAMINO)BENZENEDIAZOSULFONATE * p-DIMETHYLAMINOBENZENEDIAZOSULFONIC ACID, SODIUM SALT * 4-DIMETHYLAMINOBENZENEDIAZOSULFONIC ACID, SODIUM SALT * p-(DIMETHYLAMINO)BENZENEDIAZOSULPHONATE * p-(DIMETHYLAMINO)BENZENEDIAZOSULPHONIC ACID, SODIUM SALT * 4-DIMETHYLAMINOBENZENEDIAZOSULPHONIC ACID, SODIUM SALT * p-DIMETHYLAMINOBENZOLDIAZOSULFONAT (NATRIUMSALZ) (German) * (4-(DIMETHYLAMINO)PHENYL)DIAZENESULFONIC ACID, SODIUM SALT * 4-((DIMETHYLAMINO)PHENYL)DIAZENE SULPHONIC ACID, SODIUM SALT * N,N-DIMETHYL-p-ANILINEDIAZOSULFONIC ACID SODIUM SALT * FENAMINOSULF * GOLD ORANGE MP * LESAN * NCI-C03010 * SODIUM p-(DIMETHYLAMINO)BENZENEDIAZOSULFONATE * SODIUM 4-(DIMETHYLAMINO)BENZENEDIAZOSULFONATE * SODIUM p-(DIMETHYLAMINO)BENZENEDIAZOSULPHONATE * SODIUM 4-(DIMETHYLAMINO)BENZENEDIAZOSULPHONATE * SODIUM (4-(DIMETHYLAMINO)PHENYL)DIAZENESULFONATE * TROPAEOLIN D
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate — MUREAV 26,243,74
mma-sat 100 ug/plate — PNASA6 72,5135,75
mma-esc 50 ug/plate — MUREAV 40,19,76
dnd-esc 100 mg/L — MUREAV 52,161,78
dnr-bcs 1 ug/disc — MUREAV 97,339,82
mrc-bcs 20 ug/disc/24H — MUREAV 40,19,76
dnr-ami 10 mg/plate — BIZNAT 95,463,76
sce-hmn:lym 25 umol/L — MUREAV 79,53,80
cyt-ham:lng 500 umol/L — MUREAV 78,177,80
sce-ham:lng 50 umol/L — MUREAV 78,177,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:60 mg/kg — WRPCA2 9,119,70
ipr-rat LD50:15 mg/kg — JPETAB 95,262,49
ipr-mus LD50:70 mg/kg — JPETAB 95,262,49
ivn-mus LD50:56 mg/kg — CSLNX* NX#00143
ipr-dog LDLo:5 mg/kg — JPETAB 95,262,49
orl-rbt LD50:150 mg/kg — 85DPAN -,-,71/76
ipr-rbt LDLo:10 mg/kg — JPETAB 95,262,49
orl-gpg LD50:150 mg/kg — GUCHAZ 6,274,73
ipr-gpg LD50:30 mg/kg — JPETAB 95,262,49
unk-mam LD50:60 mg/kg — 30ZDA9 -,281,71
orl-bwd LD50:18 mg/kg — TXAPA9 21,315,72
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 8,147,75
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-101,78)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ1780000 BENZENE, DIBROMO-
UPDT:8312 CAS: 26249-12-7 MW: 235.92 MOLFM: C6-H4-Br2
SYN: DIBROMOBENZENE * DIBROMOBENZENE (DOT) * UN 2711 (DOT)
TOXICITY DATA AND REFERENCES:
ipr-mam LD50:780 mg/kg — GTPZAB 18(4),55,74
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CZ1900000 1,3-BENZENEDICARBONITRILE
UPDT:8408 CAS: 626-17-5 MW: 128.14 MOLFM: C8-H4-N2
SYN: m-DICYANOBENZENE * 1,3-DICYANOBENZENE * IPN * ISOFTALODINITRIL (Czech) * ISOPHTHALODIINITRILE * ISOPHTHALONITRILE * NITRIL KYSELINY ISOFTALOVE (Czech) * m-PDN * m-PHTHALODINITRILE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1860 mg/kg — 28ZPAK -,159,72
orl-mus LD50:178 mg/kg — JMCMAR 21,906,78
1F12 ipr-mus LD50:481 mg/kg — INHEAO 4,11,66
orl-rbt LD50:350 mg/kg — 85GMAT -,77,82
orl-gpg LD50:370 mg/kg — 85GMAT -,77,82
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg/m3 — DTLVS* 4,341,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CZ1925000 1,4-BENZENEDICARBONITRILE
UPDT:8407 CAS: 623-26-7 MW: 128.14 MOLFM: C8-H4-N2
SYN: p-BENZENEDINITRILE * 4-CYANOBENZONITRILE * p-DICYANOBENZENE * 1,4-DICYANOBENZENE * NITRIL KYSELINY TEREFTALOVE (Czech) * p-PDN * p-PHTHALODINITRILE * TEREFTALODINITRIL (Czech) * TEREPHTHALONITRILE
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MOD — 28ZPAK -,159,72
eye-rbt 500 mg/24H MOD — 28ZPAK -,159,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:21 gm/kg — 28ZPAK -,159,72
1F07 ipr-mus LD50:699 mg/kg — INHEAO 4,11,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,3-BENZENEDICARBONITRILE, 5-(3,3-DIMETHYL-1-TRIAZENYL)- see: NT2580000
1,2-BENZENEDICARBONITRILE, 3,4,5,6-TETRACHLORO- (9CI) see: TI8225000 o-PHTHALODINITRILE,TETRACHLORO-
1,3-BENZENEDICARBONITRILE, 2,4,5,6-TETRACHLORO- see: NT2600000
1,4-BENZENEDICARBONITRILE, 2,3,5,6-TETRACHLORO- see: TI8275000 p-PHTHALODINITRILE,TETRACHLORO-
1,3-BENZENEDICARBONYL CHLORIDE see: NT2625000
p-BENZENEDICARBOXALDEHYDE see: WZ0430000
1,4-BENZENEDICARBOXALDEHYDE (9CI) see: WZ0430000

CZ2200000 1,2-BENZENEDICARBOXAMIDE
UPDT:8412 CAS: 88-96-0 MW: 164.18 MOLFM: C8-H8-N2-O2
SYN: NCI-C03612 * P-D * PHTHALAMIDE * o-PHTHALIC ACID DIAMIDE
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-161,79)
REPORTED IN EPA TSCA INVENTORY, 1983

CZ2235000 1,3-BENZENEDICARBOXAMIDE, N,N'-BIS(2-HYDROXY-1-(HYDROXYMETHYL)ETHYL)-5-((2-HYDROXY-1- OXOPROPYL)AMINO)-2,4,6-TRIIODO-, (S)-
UPDT:8409 CAS: 60166-93-0 MW: 777.12 MOLFM: C17-H22-I3-N3-O8
SYN: B-15000 * L-Salpha-HYDROXYPROPIONYLAMINO-2,4,6-TRIIODOISOPHTHALIC ACID DI(1,3-DIHYDROXY-2-PROPYLAMIDE) * L-Salpha-IDROSSIPROPIONILAMINO-2,4,6-TRIIODOISOFTAL DI(1,3-DIIDROSSI-2-PROPILAMIDE) * IOPAMIDOL * IOPAMIRO * NIOPAM * SOLUTRAST * SQ 13396
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:28 gm/kg — FRPSAX 32,835,77
iat-rat LD50:13768 mg/kg — USXXAM #4001323

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

ipr-mus LD50:40825 mg/kg USXXAM #4001323
ivn-mus LD50:44500 mg/kg USXXAM #4001323
ice-mus LD50:3 gm/kg FRPSAX 32,835,77
ivn-dog LD50:35 gm/kg FRPSAX 32,835,77
ivn-rbt LD50:20 gm/kg FRPSAX 32,835,77
par-rbt LD50:510 mg/kg USXXAM #4001323

1,4-BENZENEDICARBOXAMIDE, N,N'-DIMETHYL-N,N'-DINITROSO- (9CI) see: WZ0760000

CZ2268000 1,4-BENZENEDICARBOXAMIDE, N-(2-(3,4,6,7,12,12a-HEXAHYDROPYRAZINO(1',2':1,6)PYRIDO(3,4-b) INDOL-2-(1H)-YL)ETHYL)-
UPDT:8308 CAS: 72593-08-9 MW: 417.56 MOLFM: C24-H27-N5-O2
SYN: ETHAMIDINDOLE

TOXICITY DATA AND REFERENCES:
3F12J22J24 ipr-mus LD50:398 mg/kg INJPD2 11,181,79

BENZENE-1,2-DICARBOXYLIC ACID see: TH9625000
BENZENE-1,3-DICARBOXYLIC ACID see: NT2007000
m-BENZENEDICARBOXYLIC ACID see: NT2007000
o-BENZENEDICARBOXYLIC ACID see: TH9625000
p-BENZENEDICARBOXYLIC ACID see: WZ0875000
1,2-BENZENEDICARBOXYLIC ACID see: TH9625000
1,4-BENZENEDICARBOXYLIC ACID see: WZ0875000
1,2-BENZENEDICARBOXYLIC ACID ANHYDRIDE see: TI3150000
1,2-BENZENEDICARBOXYLIC ACID, BI(2-METHOXYETHYL) ESTER (9CI) see: TI1400000
1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER see: TI0350000
1,2-BENZENEDICARBOXYLIC ACID, BIS(3-METHYLBUTYL) ESTER see: TI1320000
1,2-BENZENEDICARBOXYLIC ACID, BIS(1-METHYLETHYL) ESTER see: TI1350000
1,3-BENZENEDICARBOXYLIC ACID, BIS(1-METHYLETHYL) ESTER see: NT2541000
1,4-BENZENEDICARBOXYLIC ACID, BIS(1-METHYLETHYL) ESTER see: WZ1223700
1,3-BENZENEDICARBOXYLIC ACID, BIS(2-METHYLPROPYL) ESTER see: NT2533000
1,4-BENZENEDICARBOXYLIC ACID, BIS(2-METHYLPROPYL) ESTER see: WZ1223600
1,2-BENZENEDICARBOXYLIC ACID, BUTYL PHENYLMETHYL ESTER see: TH9990000
1,2-BENZENEDICARBOXYLIC ACID, DECYL OCTYL ESTER see: TI0550000
o-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER see: TI0875000
BENZENE-o-DICARBOXYLIC ACID DI-n-BUTYL ESTER see: TI0875000
1,3-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER see: NT2300000
1,4-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER see: WZ1221000
1,2-BENZENEDICARBOXYLIC ACID, DICYCLOPENTYL ESTER see: TI0890000
1,3-BENZENEDICARBOXYLIC ACID, DICYCLOPENTYL ESTER see: NT2470000
1,4-BENZENEDICARBOXYLIC ACID, DICYCLOPENTYL ESTER see: WZ1222000
1,2-BENZENEDICARBOXYLIC ACID, DIDODECYL ESTER (9CI) see: TI0930000 PHTHALIC ACID, DIDODECYLESTER
1,4-BENZENEDICARBOXYLIC ACID, DIDODECYL ESTER see: WZ1223000
1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER see: TI1050000
1,4-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER see: WZ1223400
1,2-BENZENEDICARBOXYLIC ACID, DIHEXYL ESTER see: TI1100000
1,2-BENZENEDICARBOXYLIC ACID, DIISOOCTYL ESTER see: TI1300000
1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER see: TI1575000
1,3-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER see: NT2540000
1,4-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (9CI) see: WZ1225000

CZ4010000 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, mixt. with 1-BENZOYLPIPERIDINE
UPDT:8408 CAS: 58098-09-2 MW: 383.48 MOLFM: C12-H15-N-O C10-H10-O4
SYN: BENFTALATE * BENPHTHALATE * PHTHALIC ACID, DIMETHYL ESTER, mixt. with 1-BENZOYLPIPERIDINE

TOXICITY DATA AND REFERENCES:
3F12F17G04 orl-mus LD50:1850 mg/kg MPPBAB 46(4),434,77
skn-mus LD50:27 gm/kg MPPBAB 46(4),434,77

CZ4020000 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, mixt. with N,N-DIETHYL-2-PHENOXYACETAMIDE
UPDT:8408 CAS: 58514-03-7 MW: 401.50 MOLFM: C12-H17-N-O2 C10-H10-O4
SYN: PHTHALIC ACID, DIMETHYL ESTER, mixt. with N,N-DIETHYL-2-PHENOXYACETAMIDE * REPDIPHEN

TOXICITY DATA AND REFERENCES:
3F12F17G04 orl-mus LD50:3500 mg/kg MPPBAB 46(4),434,77
skn-mus LD50:30 gm/kg MPPBAB 46(4),434,77

o-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER see: TI1925000
1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER see: TI1925000
1,2-BENZENEDICARBOXYLIC ACID, DIPENTYL ESTER see: TI1930000
1,4-BENZENEDICARBOXYLIC ACID, DIPENTYL ESTER see: WZ1228000

CZ4200000 1,2-BENZENEDICARBOXYLIC ACID, DI-2-PROPENYL ESTER
UPDT:8412 CAS: 131-17-9 MW: 246.28 MOLFM: C14-H14-O4
SYN: DAPON 35 * DAPON R * DIALLYL PHTHALATE * NCI-C50657 * PHTHALIC ACID, DIALLYL ESTER * o-PHTHALIC ACID, DIALLYL ESTER

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:770 mg/kg FEPRA7 8,299,49
ipr-mus LD50:700 mg/kg 14CYAT 2,1904,63
orl-rbt LDLo:700 mg/kg UCPHAQ
skn-rbt LDLo:2800 mg/kg FEPRA7 5,191,46
scu-rbt LDLo:1000 mg/kg FEPRA7 5,191,46

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 54,1,75; EVHPAZ 4,3,73

STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE-MOUSE (NTPTR* NTP-TR-242,83)
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

1,2-BENZENEDICARBOXYLIC ACID, DIPROPYL ESTER see: TI1940000
1,4-BENZENEDICARBOXYLIC ACID, DIPROPYL ESTER see: WZ1229000
1,2-BENZENEDICARBOXYLIC ACID, DITRIDECYL ESTER see: TI1950000
1,2-BENZENEDICARBOXYLIC ACID, MONOBUTYL ESTER (9CI) see: TI2475000
1,2-BENZENEDICARBOXYLIC ACID, MONOCYCLOHEXYL ESTER (9CI) see: TI2490000
1,2-BENZENEDICARBOXYLIC ACID, MONO(2-METHYLPROPYL) ESTER (9CI) see: TI2550000
1,3-BENZENEDICARBOXYLIC ACID, 5-NITRO-, BIS(1-METHYLETHYL) ESTER, mixt. with SULFUR (9CI) see: NT2545000
1,2-BENZENEDICARBOXYLIC ACID, SODIUM SALT (9CI) see: TI2780000
1,4-BENZENEDICARBOXYLIC ACID, 2,3,5,6-TETRACHLORO-, DIMETHYL ESTER see: WZ1500000
1,2-BENZENEDICARBOXYLIC ACID, 3,4,5,6-TETRAIODO-, SODIUM SALT see: TI3050000

CZ4499000 BENZENE, m-DICHLORO-
CAS: 541-73-1 MW: 147.00 MOLFM: C6-H4-Cl2
SYN: BENZENE, 1,3-DICHLORO- (9CI) * m-DICHLOROBENZENE * m-DICHLOROBENZENE (DOT) * RCRA WASTE NUMBER U071 * UN 1591 (DOT)

MUTATION DATA AND REFERENCES:
mrc-smc 5 ppm NTIS** PB84-138973

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 343
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

CZ4500000 BENZENE, o-DICHLORO-
UPDT:8412 CAS: 95-50-1 MW: 147.00 MOLFM: C6-H4-Cl2
SYN: BENZENE, 1,2-DICHLORO- * CHLOROBEN * CHLORODEN * CLOROBEN * DCB * o-DICHLORBENZENE * o-DICHLOR BENZOL * o-DICHLOROBENZENE * 1,2-DICHLOROBENZENE * DICHLOROBENZENE, ORTHO LIQUID * DICHLOROBENZENE, ORTHO liquid (DOT) * DILANTIN DB * DILATIN DB * DIZENE * DOWTHERM E * NCI-C54944 * ODB * ODCB * ORTHODICHLOROBENZENE * ORTHODICHLOROBENZOL * RCRA WASTE NUMBER U070 * SPECIAL TERMITE FLUID * TERMITKIL * UN 1591 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/30S rns MLD AMIHAB 17,180,58

TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg WRPCA2 7,135,68
3F01L02D17 ihl-rat LCLo:821 ppm/7H AMIHAB 17,180,58
ipr-rat LD50:840 mg/kg MEPAAX 20,519,69
ivn-mus LDLo:400 mg/kg JPBAA7 44,281,37
orl-rbt LD50:500 mg/kg 85ARAE 3,32,76
ivn-rbt LDLo:250 mg/kg JPBAA7 44,281,37
orl-gpg LDLo:2000 mg/kg 14CYAT 2,1336,63
ihl-gpg LCLo:800 ppm/24H JPBAA7 44,281,37

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 7,231,74
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 7,231,74
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 29,213,82
★ TLV-CL 50 ppm (skin) DTLVS* 4,126,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 50 ppm (SCP-J) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
NTP CARCINOGENESIS STUDIES, TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 343
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT BEHQ-1080-0368
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ4550000 BENZENE, p-DICHLORO-
UPDT:8412 CAS: 106-46-7 MW: 147.00 MOLFM: C6-H4-Cl2
SYN: p-CHLOROPHENYL CHLORIDE * p-DICHLOORBENZEEN (Dutch) * 1,4-DICHLOORBENZEEN (Dutch) * p-DICHLORBENZOL (German) * 1,4-DICHLOR-BENZOL (German) * DI-CHLORICIDE * p-DICHLOROBENZENE * 1,4-DICHLOROBENZENE * p-DICHLOROBENZOL * DICHLOROBENZENE, PARA, SOLID * DICHLOROBENZENE, PARA, solid (DOT) * 1,4-DICLOROBENZENE (Italian) * p-DICLOROBENZENE (Italian) * EVOLA * NCI-C54955 * PARACIDE * PARA CRYSTALS * PARADI * PARADICHLOROBENZENE * PARADICHLOROBENZOL * PARADOW * PARAMOTH * PARANUGGETS * PARAZENE * PDB * PDCB * PERSIA-PERAZOL * RCRA WASTE NUMBER U070 * RCRA WASTE NUMBER U071 * RCRA WASTE NUMBER U072 * SANTOCHLOR * UN 1592 (DOT)

IRRITATION DATA AND REFERENCES:
eye-hmn 80 ppm AMIHAB 14,138,56

MUTATION DATA AND REFERENCES:
mma-asn 200 mg/L CJMIAZ 16,369,70

TOXICITY DATA AND REFERENCES:
3D35J30K12 orl-hmn TDLo:300 mg/kg PCOC** -,851,66
unk-man LDLo:221 mg/kg 85DCAI 2,73,70
orl-rat LD50:500 mg/kg WRPCA2 9,119,70
ipr-rat LD50:2562 mg/kg JAPMAB 38,124,49
orl-mus LD50:2950 mg/kg GUCHAZ 6,183,73
scu-mus LD50:5145 mg/kg TOIZAG 20,772,73
orl-gpg LDLo:2800 mg/kg 14CYAT 2,1338,63

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 7,231,74
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 7,231,74
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 29,213,82
★ TLV-TWA 75 ppm; STEL 110 ppm DTLVS* 4,126,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 75 ppm (SCP-T) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 343
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZENE, 1,2-DICHLORO- see: CZ4500000
BENZENE, 1,3-DICHLORO- (9CI) see: CZ4499000
BENZENE, 1,1'-(2,2-DICHLOROCYCLOPROPYLIDENE)BIS(4-ETHOXY- see: GZ2200000

CZ4750000 BENZENE, 1,4-DICHLORO-2,5-DIMETHOXY-
UPDT:8405 CAS: 2675-77-6 MW: 207.06 MOLFM: C8-H8-Cl2-O2
SYN: CHLORONEB * CHLORONEBE (French) * DEMOSAN * 1,4-DICHLORO-2,5-DIMETHOXYBENZENE * SOIL FUNGICIDE 1823 * TERSAN-SP

MUTATION DATA AND REFERENCES:
mmo-asn 24 umol/L PHYTAJ 66,217,76
sln-asn 48 umol/L EVHPAZ 31,81,79

TOXICITY DATA AND REFERENCES:
orl-rat LD50:11000 mg/kg 85ARAE 4,82,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CZ5075000 BENZENE, (DICHLOROMETHYL)-
UPDT:8406 CAS: 98-87-3 MW: 161.03 MOLFM: C7-H6-Cl2
SYN: BENZAL CHLORIDE * BENZYL DICHLORIDE * BENZYLENE CHLORIDE * BENZYLIDENE CHLORIDE * BENZYLIDENE CHLORIDE (DOT) * CHLOROBENZAL * CHLORURE DE BENZYLIDENE (French) * (DICHLOROMETHYL)BENZENE * alpha,alpha-DICHLOROTOLUENE * RCRA WASTE NUMBER U017 * TOLUENE, alpha,alpha-DICHLORO- * UN 1886 (DOT)

MUTATION DATA AND REFERENCES:
mma-sat 600 nmol/plate/20M MUREAV 58,143,78
mma-esc 600 nmol/plate/20M MUREAV 58,143,78
mrc-bcs 31 umol/disc MUREAV 58,143,78

TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 skn-mus TDLo:9200 mg/kg/50W-I GANNA2 72,655,81
3V02J60R60 skn-mus TD :35200 mg/kg/42W-I GANNA2 72,655,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3249 mg/kg NTIS** PB214-270
3A11F13J25 ihl-rat LC50:61 ppm/2H IARC** 29,65,82
orl-mus LD50:2462 mg/kg AMRL** TR-72-62,72
3A11F13J25 ihl-mus LC50:32 ppm/2H IARC** 29,65,82

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 29,65,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 29,65,82

BEST COPY AV

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0582-0444;8EHQ-0777-0001
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ5260000 BENZENE, 1,4-DICHLORO-2-NITRO-
UPDT:8402 CAS: 89-61-2 MW: 192.00 MOLFM: C6-H3-Cl2-N-O2
SYN: 2,5-DICHLORNITROBENZEN (Czech) * 1,4-DICHLORO-2-NITROBENZENE * 2,5-DICHLORONITROBENZENE * NITRO-p-DICHLOROBENZENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — 28ZPAK -,94,72
eye-rbt 100 mg/24H SEV — 28ZPAK -,94,72
MUTATION DATA AND REFERENCES:
mmo-sat 205 ug/plate — MUREAV 116,217,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1210 mg/kg — 28ZPAK -,94,72
* orl-mus LD50:2850 mg/kg — GTPZAB 25(8),50,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENE, 2,4-DICHLORO-1-(4-NITROPHENOXY)- see: KN8400000

CZ5460000 BENZENE, 2,4-DICHLORO-1-(4-NITROSOPHENOXY)-
UPDT:8406 CAS: 73143-91-6 MW: 268.10 MOLFM: C12-H7-Cl2-N-O2
SYN: 2,4-DICHLORO-4-NITROSOBIPHENYL ETHER * 2,4-DICHLORO-1-(4-NITROSOPHENOXY)BENZENE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — CBINAB 44,133,83
mmo-sat 100 ug/plate — CBINAB 44,133,83

CZ5580000 BENZENE, o-DIETHOXY-
UPDT:8401 CAS: 2050-46-6 MW: 166.24 MOLFM: C10-H14-O2
SYN: BENZENE, 1,2-DIETHOXY- (9CI) * CATECHOL DIETHYL ETHER * o-DIETHOXYBENZENE * 1,2-DIETHOXYBENZENE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD — FCTOD7 20,573,82
eye-rbt 100 mg/30S rns MLD — FCTOD7 20,573,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENE, 1,2-DIETHOXY- (9CI) see: CZ5580000

CZ5600000 BENZENE, DIETHYL-
UPDT:8312 CAS: 25340-17-4 MW: 134.24 MOLFM: C10-H14
SYN: DIETHYL BENZENE * DIETHYLBENZENE (DOT) * UN 2049 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 100% MOD — AMIHAB 14,387,56
eye-rbt 88 mg MLD — AMIHAB 14,387,56
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:5000 mg/kg — 28ZRAQ -,57,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CZ5710000 BENZENE, 1,2-DIFLUORO-4-NITRO-
UPDT:8402 CAS: 369-34-6 MW: 159.10 MOLFM: C6-H3-F2-N-O2
SYN: 1,2-DIFLUORO-4-NITROBENZENE * 3,4-DIFLUORONITROBENZENE
MUTATION DATA AND REFERENCES:
mmo-sat 160 nL/plate — MUREAV 116,217,83

CZ5715000 BENZENE, 1,4-DIFLUORO-2-NITRO-
UPDT:8402 CAS: 364-74-9 MW: 159.10 MOLFM: C6-H3-F2-N-O2
SYN: 1,4-DIFLUORO-2-NITROBENZENE * 2,5-DIFLUORONITROBENZENE
MUTATION DATA AND REFERENCES:
mmo-sat 160 nL/plate — MUREAV 116,217,83

CZ5730000 BENZENE, 2,4-DIFLUORO-1-NITRO-
UPDT:8402 CAS: 446-35-5 MW: 159.10 MOLFM: C6-H3-F2-N-O2
SYN: 2,4-DIFLUORONITROBENZENE
MUTATION DATA AND REFERENCES:
mmo-sat 80 nL/plate — MUREAV 116,217,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENE, m-DIHYDROXY- see: VG9625000
BENZENE, o-DIHYDROXY- see: UX1050000
BENZENE, p-DIHYDROXY- see: MX3500000
BENZENE-, 1,3-DIISOCYANATOMETHYL- see: NQ9490000

CZ6300000 BENZENE, 2,4-DIISOCYANATO-1-METHYL-
UPDT:8406 CAS: 584-84-9 MW: 174.17 MOLFM: C9-H6-N2-O2
SYN: DESMODUR T80 * DI-ISOCYANATE DE TOLUYLENE (French) * DI-ISO-CYANATOLUENE * 2,4-DIISOCYANATO-1-METHYLBENZENE (9CI) * 2,4-DIISOCYANATOTOLUENE * DIISOCYANAT-TOLUOL (German) * ISOCYANIC ACID, METHYLPHENYLENE ESTER * ISOCYANIC ACID, 4-METHYL-m-PHENYLENE ESTER * HYLENE T * HYLENE TCPA * HYLENE TLC * HYLENE TM * HYLENE TM-65 * HYLENE TRF * 4-METHYL-PHENYLENE DIISOCYANATE * 4-METHYL-PHENYLENE ISOCYANATE * MONDUR TD * MONDUR TD-80 * MONDUR TDS * NACCONATE IOO * NCI-C50533 * NIAX TDI * NIAX TDI-P * RCRA WASTE NUMBER U223 * RUBINATE TDI 80/20 * TDI * 2,4-TDI * TDI-80 * TOLUEEN-DISOCYANAAT (Dutch) * TOLUEN DISOCIANATO (Italian) * TOLUENE DIISOCYANATE * TOLUENE-2,4-DIISOCYANATE * 2,4-TOLUENEDIISOCYANATE * TOLUILENODWUIZOCYJANIAN (Polish) * TULUYLENDIISOCYANAT (German) * TOLUYLENE-2,4-DIISOCYANATE * TOLYENE 2,4-DIISOCYANATE * TOLYLENE-2,4-DIISOCYANATE * 2,4-TOLYLENEDIISOCYANATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open SEV — UCDS** 3/8/73
skn-rbt 500 mg/24H MOD — EJTXAZ 9,41,76
eye-rbt 100 mg SEV — JETOAS 9(1),41,76
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate — SWEMDO 6,221,80
TOXICITY DATA AND REFERENCES:
2J21J23 ihl-hmn TCLo:0.02 ppm/2Y — PRSMA4 63,372,70
2D07J30 ihl-hmn TCLo:0.5 ppm — JOCMA7 1,448,59
1K30 orl-rat LD50:5800 mg/kg — AMIHAB 15,324,57
1J16 ihl-rat LC50:600 ppm/6H — AMIHAB 15,324,57
2J02J07 ihl-mus LC50:10 ppm/4H — AIHAAP 23,447,62
* ivn-mus LD50:56 mg/kg — CSLNX* NX#07807
1J03 ihl-rbt LC50:1500 ppb/3H — AMIHAB 15,324,57
3J02J07J17 ihl-gpg LC50:13 ppm/4H — AIHAAP 23,447,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ANAEA3 35,165,75; AOHYA3 17(2),143,74; JOCMA7 15(10),808,73; CMTVAS 10(3),49,73
★ TLV-TWA 5 ppb; STEL 20 ppb — DTLVS* 4,401,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air,Cl 0.02 ppm (SCP-V) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO DIISOCYANATES recm std-air,TWA 5 ppb;CL 20 ppb/10M — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ6310000 BENZENE, 2,6-DIISOCYANATO-1-METHYL-
UPDT:8311 CAS: 91-08-7 MW: 174.17 MOLFM: C9-H6-N2-O2
SYN: 2,6-DIISOCYANATO-1-METHYLBENZENE * 2,6-DIISOCYANATOTOLUENE * HYLENE TCPA * HYLENE TIC * HYLENE TM * HYLENE TM-65 * HYLENE TRF * ISOCYANIC ACID, 2-METHYL-meta-PHENYLENE ESTER * 2-METHYL-meta-PHENYLENE ISOCYANATE * NIAX TDI * NIAX TDI-P * 2,6-TDI * TOLUENE 2,6-DIISOCYANATE * 2,6-TOLUENE DIISOCYANATE * TOLYLENE 2,6-DIISOCYANATE * meta-TOLYLENE DIISOCYANATE
TOXICITY DATA AND REFERENCES:
3D07D35J30 ihl-hmn TCLo:80 ppb — ATXKA8 19,364,62
2J25J30 ihl-mus LC50:91 mg/m3/4H — TXAPA9 64,423,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO DIISOCYANATES recm std-air,TWA 5 ppb;CL 20 ppb/10M — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ6330000 BENZENE, DIISOPROPYL-
UPDT:8408 CAS: 25321-09-9 MW: 162.30 MOLFM: C12-H18
SYN: DIISOPROPYLBENZENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6500 mg/kg — TXAPA9 28,313,74
* ihl-rat LCLo:5300 mg/m3/4H — 85GMAT -,55,82
* ihl-mus LCLo:5300 mg/m3/2H — 85GMAT -,55,82
* skn-rbt LD50:16 gm/kg — TXAPA9 28,313,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
1,3-BENZENEDIMETHANOL, alpha-1-(((1,1-DIMETHYLETHYL)AMINO)METHYL)-4-HYDROXY- see: ZE4400000

CZ6430100 1,3-BENZENEDIMETHANOL, alpha(sup 1)-(((1,1-DIMETHYLETHYL)AMINO)METHYL)-4-HYDROXY-, SULFATE (2:1) (SALT)
UPDT:8306 CAS: 51022-70-9 MW: 288.35 MOLFM: C13-H21-N-O3 * 1/2H2-O4-S
SYN: SALBUTAMOL HEMISULFATE * SALBUTAMOL SULFATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:1 gm/kg (1D pre) — OYYAA2 22,191,81
TOXICITY DATA AND REFERENCES:
2D17J25 ipr-rat LD50:295 mg/kg — IYKEDH 2,128,71
2F05J25 ivn-rat LD50:59100 ug/kg — IYKEDH 2,128,71
* orl-mus LD50:4620 mg/kg — NIIRDN 6,298,82
1F12 ipr-mus LD50:239 mg/kg — IYKEDH 2,128,71
2D17F12 scu-mus LD50:737 mg/kg — IYKEDH 2,128,71
2F05J25 ivn-mus LD50:48700 ug/kg — IYKEDH 2,128,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ6474000 BENZENE, m-DIMETHOXY-
UPDT:8405 CAS: 151-10-0 MW: 138.18 MOLFM: C8-H10-O2
SYN: m-DIMETHOXYBENZENE * 1,3-DIMETHOXYBENZENE * 3-METHOXYANISOLE * RESORCINOL DIMETHYL ETHER
TOXICITY DATA AND REFERENCES:
3F07F11F19 ipr-mus LD50:900 mg/kg — JAPMA8 46,185,57

CZ6475000 BENZENE, o-DIMETHOXY-
UPDT:8303 CAS: 91-16-7 MW: 138.18 MOLFM: C8-H10-O2
SYN: o-DIMETHOXYBENZENE * 1,2-DIMETHOXYBENZENE * PYROCATECHOL DIMETHYL ETHER * VERATROL * VERATROLE
MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate — BECTA6 24,590,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:890 mg/kg — GTPZAB 26(2),54,82
* orl-mus LD50:700 mg/kg — GTPZAB 26(2),54,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CZ6650000 BENZENE, p-DIMETHOXY-
UPDT:8305 CAS: 150-78-7 MW: 138.18 MOLFM: C8-H10-O2
SYN: p-DIMETHOXYBENZENE * DIMETHYL ETHER HYDROQUINONE * DIMETHYLHYDROQUINONE * DIMETHYLHYDROQUINONE ETHER * DMB * HYDROQUINONE, DIMETHYL ETHER * QUINOL DIMETHYL ETHER * USAF AN-9 * USAF UCTI 1791
IRRITATION DATA AND REFERENCES:
skn-rbt 6 gm/12D-I MLD — JIHTAB 31,79,49
skn-rbt 500 mg/24H MOD — FCTXAV 16,715,78
skn-gpg 40%/24H MOD — FCTXAV 16,715,78
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1100 mg/kg — JIHTAB 31,79,49
* orl-rat LD50:3600 mg/kg — FCTXAV 16,715,78
ipr-mus LD50:100 mg/kg — NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENE, (2,2-DIMETHOXYETHYL)- (9CI) see: AB3040000

CZ7000000 BENZENE, 1,2-DIMETHOXY-4-PROPENYL-
UPDT:8305 CAS: 93-16-3 MW: 178.25 MOLFM: C11-H14-O2
SYN: 1,3,4-ISOEUGENOL METHYL ETHER * ISOEUGENYL METHYL ETHER * ISOHOMOGENOL * METHYL ISOEUGENOL * 1-PROPENE, 1-(3,4-DIMETHOXYPHENYL)- * 4-PROPENYL VERATROLE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H — FCTXAV 13,865,75
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:570 mg/kg — AIPTAK 199,226,72
ivn-mus LD50:181 mg/kg — AIPTAK 199,226,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CZ7175000 BENZENE, 1,2-DIMETHOXY-4-PROPYL-
UPDT:8402 MW: 180.27 MOLFM: C11-H16-O2
SYN: DIHYDROMETHYLEUGENOL * 1,2-DIMETHOXY-4-PROPYLBENZENE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1250 mg/kg — APFRAD 18,601,60
BENZENE, DIMETHYL- see: ZE2100000

CZ7210000 BENZENE, 1-(1,1-DIMETHYLETHYL)-3,5-DIMETHYL-2,4,6-TRINITRO-
UPDT:8305 CAS: 81-15-2 MW: 297.30 MOLFM: C12-H15-N3-O6
SYN: BENZENE, 1-tert-BUTYL-3,5-DIMETHYL-2,4,6-TRINITRO- * MUSK XYLOL * MUSK XYLENE * 2,4,6-TRINITRO-1,3-DIMETHYL-5-tert-BUTYLBENZENE * m-XYLENE, 5-tert-BUTYL-2,4,6-TRINITRO-
IRRITATION DATA AND REFERENCES:
skn-hmn 5 mg/48H MLD — FCTXAV 13,881,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CZ7220000 BENZENE, 1-(1,1-DIMETHYLETHYL)-2,6-DINITRO-3,4,5-TRIMETHYL-
UPDT:8305 CAS: 145-39-1 MW: 266.33 MOLFM: C13-H18-N2-O4
SYN: BENZENE, 1-tert-BUTYL-2,6-DINITRO-3,4,5-TRIMETHYL- * 5-tert-BUTYL-1,2,3-TRIMETHYL-4,6-DINITROBENZENE * MUSK TIBETENE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MLD — FCTXAV 13,879,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
p-BENZENEDINITRILE see: CZ1925000

CZ7340000 BENZENE, DINITRO-
UPDT:8404 CAS: 25154-54-5 MW: 168.12 MOLFM: C6-H4-N2-O4
SYN: DINITROBENZENE SOLID (DOT) * DINITROBENZENE, solution (DOT) * DINITROBENZOL SOLID (DOT) * UN 1597 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 150 ppb; STEL 500 ppb (skin) — DTLVS* 4,151,80

BEST COPY AVAILABLE

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 (skin) (SCP-P) FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON, solid CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, solution CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S214*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

CZ7350000 BENZENE, m-DINITRO-
UPDT:8408 CAS: 99-65-0 MW: 168.12 MOLFM: C6-H4-N2-O4
SYN: BENZENE, 1,3-DINITRO- * BINITROBENZENE * m-DINITROBENZENE * 1,3-DINITROBENZENE * 2,4-DINITROBENZENE * m-DINITROBENZENE (DOT) * 1,3-DINITROBENZOL * DWUNITROBENZEN (Polish) * UN 1597 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 3300 ng/plate ENMUDM 2,531,80
mma-sat 100 nmol/plate MUREAV 58,11,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:224 mg/kg (16W male) JTEHD6 7,829,81
1T12 orl-rat TDLo:33600 ug/kg (16W pre) JTEHD6 7,829,81
TOXICITY DATA AND REFERENCES:
2F17J24 skn-man TDLo:4 mg/kg/2D-I LANCAO 2,582,01
orl-rat LD50:83 mg/kg NTIS** AD-A066-307
* ipr-mus LDLo:200 mg/kg JAPMA8 48,419,59
orl-dog LDLo:600 mg/kg NTIS** AD-A066-307
ivn-dog LD50:10 mg/kg NTIS** AD-A066-307
orl-cat LDLo:27 mg/kg LANCAO 2,582,01
orl-rbt LDLo:400 mg/kg NTIS** AD-A066-307
orl-bwd LD50:42 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
★ TLV-TWA 150 ppb; STEL 500 ppb (skin) DTLVS* 4,151,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 (skin) (SCP-P) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S214*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ7450000 BENZENE, o-DINITRO-
UPDT:8404 CAS: 528-29-0 MW: 168.12 MOLFM: C6-H4-N2-O4
SYN: o-DINITROBENZENE * o-DINITROBENZENE (DOT) * UN 1597 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 150 ppb; STEL 500 ppb (skin) DTLVS* 4,151,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 (skin) (SCP-P) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S214*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

CZ7525000 BENZENE, p-DINITRO-
UPDT:8404 CAS: 100-25-4 MW: 168.12 MOLFM: C6-H4-N2-O4
SYN: p-DINITROBENZENE * p-DINITROBENZENE (DOT) * DITHANE A-4 * UN 1597 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 600 nmol/L ENMUDM 3,11,81
TOXICITY DATA AND REFERENCES:
* orl-cat LDLo:29 mg/kg 85ESA3 9,436,76
REVIEW AND REFERENCES:
★ TLV-TWA 150 ppb; STEL 500 ppb (skin) DTLVS* 4,151,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 (skin) (SCP-P) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S214*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

BENZENE, 1,3-DINITRO- see: CZ7350000

CZ7750000 BENZENE, 1,3-DINITRO-4,5-DINITROSO-
UPDT:8708 MW: 226.12 MOLFM: C6-H2-N4-O6
SYN: 1,3-DINITRO-4,5-DINITROSOBENZENE * 1,3-DINITRO-4,5-DINITROSOBENZENE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

CZ7800000 BENZENE, 2,4-DINITRO-1-FLUORO-
UPDT:8405 CAS: 70-34-8 MW: 186.11 MOLFM: C6-H3-F-N2-O4
SYN: 2,4-DINITROFLUOROBENZENE * 2,4-DINITRO-1-FLUOROBENZENE * 2,4-DNFB * 1,2,4-FLUORODINITROBENZENE * 1-FLUORO-2,4-DINITROBENZENE
MUTATION DATA AND REFERENCES:
mmo-sat 500 nmol/L ENMUDM 3,11,81
mma-sat 33 ug/plate ENMUDM 5(Suppl 1),3,83
mmo-esc 5 umol/L CRNGDP 3,139,82
dnr-esr 10 uL/well/16H CBINA8 15,219,76
mrc-smc 320 umol/L MGGEAE 168,125,79
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg NCNSA6 5,17,53
skn-mus LDLo:100 mg/kg CNREA8 29,179,69
scu-mus LDLo:100 mg/kg BIJOAK 41,558,47
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CZ7850000 BENZENE, DINITROSO-
UPDT:8312 CAS: 25550-55-4 MW: 136.12 MOLFM: C6-H4-N2-O2
SYN: DINITROSOBENZENE (DOT) * UN 0406 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS B EXPLOSIVE; LABEL:EXPLOSIVE B CFRGBR 49,172.102,83

CZ7876000 BENZENE, 1,4-DINITRO-2,3,5,6-TETRANITROSO-
UPDT:8308 MW: 224.07 MOLFM: C-N6-O8
SYN: 1,4-DINITRO-2,3,5,6-TETRANITROSOBENZENE * 2,3,5,6-TETRANITROSO-1,4-DINITROBENZENE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

CZ7900000 BENZENE, 4,6-DINITRO-1,2,3-TRICHLORO-
UPDT:8401 CAS: 6379-46-0 MW: 271.44 MOLFM: C6-H-Cl3-N2-O4
SYN: 4,6-DINITRO-1,2,3-TRICHLOROBENZENE * 1,2,3-TRICHLORO-4,6-DINITROBENZENE * VANCIDE PB
TUMORIGENIC DATA AND REFERENCES:
2V01P60 orl-mus TDLo:13 gm/kg/78W-I NTIS** PB223-159
2V01P60 scu-mus TDLo:10 mg/kg NTIS** PB223-159
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

m-BENZENEDIOL see: VG9625000
o-BENZENEDIOL see: UX1050000
p-BENZENEDIOL see: MX3500000
1,2-BENZENEDIOL see: UX1050000
1,3-BENZENEDIOL see: VG9625000
1,4-BENZENEDIOL see: MX3500000
1,2-BENZENEDIOL, 4-(2-AMINOETHYL)-, HYDROCHLORIDE see: UX1092000
1,2-BENZENEDIOL, 4-(2-AMINO-1-HYDROXYETHYL)-, (R)- (9CI) see: DN5950000
1,2-BENZENEDIOL, 4-(2-AMINO-1-HYDROXYETHYL)-, HYDROCHLORIDE, (-)- (9CI) see: DN6650000

CZ8725000 1,2-BENZENEDIOL, 4-(AMINOMETHYL)-
UPDT:8401 CAS: 37491-68-2 MW: 139.17 MOLFM: C7-H9-N-O2
SYN: 4-(AMINOMETHYL)-1,2-BENZENEDIOL * 3,4-DIHYDROXYBENZYLAMINE
MUTATION DATA AND REFERENCES:
dni-hmn:oth 3800 nmol/L CNREA8 40,1414,80
dni-mus:oth 3800 nmol/L CNREA8 40,1414,80

1,3-BENZENEDIOL, DIACETATE see: VH0580000
1,3-BENZENEDIOL, DIBENZOATE see: VH0590000
1,2-BENZENEDIOL, 4,5-DICHLORO- see: UX1510000
1,4-BENZENEDIOL, 2,6-DIMETHYL- (9CI) see: MX5900000
1,2-BENZENEDIOL, 4-(1,1-DIMETHYLETHYL)- see: UX1400000
1,3-BENZENEDIOL, 5-(2-((1,1-DIMETHYLETHYL)AMINO)-1-HYDROXYETHYL)-, SULFATE (2:1) (SALT) see: DN9000000
1,2-BENZENEDIOL, 4-(2-(3,5-DIMETHYL-1H-PYRAZOL-1-YL)-4-THIAZOLYL)- (10CI) see: UX1700000
1,3-BENZENEDIOL, DINITRO- (9CI) see: VH1250000
1,3-BENZENEDIOL, 5-(1-HYDROXY-2-((2-(4-HYDROXYPHENYL)-1-METHYLETHYL)AMINO)ETHYL)-, HBr (9CI) see: DO1500000
1,2-BENZENEDIOL, 4-(1-HYDROXY-2-(METHYLAMINO)ETHYL)-, (R)- (9CI) see: DO2625000
1,2-BENZENEDIOL, 4-(1-HYDROXY-2-(METHYLAMINO)ETHYL)-, HYDROCHLORIDE, (-)- (9CI) see: DO3300000
1,2-BENZENEDIOL, 4-(1-HYDROXY-2-(METHYLAMINO)ETHYL)-, HYDROCHLORIDE, (R)- (9CI) see: DO3150000
1,2-BENZENEDIOL, 4-(1-HYDROXY-2-((1-METHYLETHYL)AMINO)BUTYL)-, HYDROCHLORIDE see: DO2320000
1,2-BENZENEDIOL, 4-(1-HYDROXY-2-((1-METHYLETHYL)AMINO)ETHYL)-, (-)- see: DO1750020
1,2-BENZENEDIOL, 4-(1-HYDROXY-2-((1-METHYLETHYL)AMINO)ETHYL)-, HYDROCHLORIDE see: DO1925000
1,2-BENZENEDIOL, 4-(1-HYDROXY-2-((1-METHYLETHYL)AMINO)ETHYL)-, HYDROCHLORIDE, (-)- see: DO1930000
1,3-BENZENEDIOL, 5-(1-HYDROXY-2-((1-METHYLETHYL)AMINO)ETHYL)-, SULFATE (2:1) SALT see: DO2275000

CZ9001000 1,2-BENZENEDIOL, 4-(2-((3-(4-HYDROXYPHENYL)-1-METHYLPROPYL)AMINO)ETHYL)-, HYDROCHLORIDE, (+ -)-
UPDT:8411 CAS: 52663-81-7 MW: 337.88 MOLFM: C18-H23-N-O3 Cl-H
SYN: DOBUTAMINE HYDROCHLORIDE * DOBUTREX * (+ -)-4-(2-((3-(4-HYDROXYPHENYL)-1-METHYLPROPYL)AMINO)ETHYL)-1,2-BENZENEDIOL HYDROCHLORIDE * 4-(2-((3-(p-HYDROXYPHENYL)-1-METHYLPROPYL)AMINO)ETHYL)PYROCATECHOL HYDROCHLORIDE * INOTREX
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T86 ivn-rat TDLo:22 mg/kg (7-17D preg) YACHDS 7,1707,79
1T34 ivn-rat TDLo:770 mg/kg (7-17D preg) YACHDS 7,1707,79
1T81 ivn-rat TDLo:300 mg/kg (17-22D preg) YACHDS 7,1742,79
1T75 ivn-rat TDLo:200 mg/kg (17-22D preg-4D post) YACHDS 7,1742,79
2T46T75 ivn-rbt TDLo:195 mg/kg (6-18D preg) YACHDS 7,1731,79
1T31 ivn-rbt TDLo:390 mg/kg (6-18D preg) YACHDS 7,1731,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2296 mg/kg IYKEDH 13,349,82
* ipr-rat LD50:260 mg/kg IYKEDH 13,349,82
* scu-rat LD50:368 mg/kg IYKEDH 13,349,82
* ivn-rat LD50:90 mg/kg NIIRDN 6,APP-13,82
* orl-mus LD50:1324 mg/kg IYKEDH 13,349,82
* ipr-mus LD50:250 mg/kg IYKEDH 13,349,82
* scu-mus LD50:351 mg/kg IYKEDH 13,349,82
* ivn-mus LD50:65800 ug/kg IYKEDH 13,349,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2-BENZENEDIOL, 4-METHYL- (9CI) see: UX1915000
1,4-BENZENEDIOL, 2-METHYL- see: MX6700000
1,2-BENZENEDIOL, 4-(2-((1-METHYLETHYL)AMINO)ETHYL)-, HYDROCHLORIDE see: UX1901000
1,3-BENZENEDIOL, 2-(3-METHYL-6-(1-METHYLETHENYL)-2-CYCLOHEXEN-1-YL)-5-PENTYL-, (1R-trans)- see: VH1600000
1,2-BENZENEDIOL, 4-(2-(3-METHYL-5-(1,1,2,2-TETRAFLUOROETHYL)-1H-PYRAZOL-1-YL)-4-THIAZOLYL)- see: UX2080000
1,3-BENZENEDIOL, MONOACETATE see: VH2750000
1,3-BENZENEDIOL, 5-(2-PHENYLETHENYL)-, (E)- (9CI) see: WJ5580000
1,2-BENZENEDIOL, 4-((1,2,3,4-TETRAHYDRO-2-METHYL-1-ISOQUINOLINYL)METHYL)-HYDROCHLORIDE (9CI) see: UX2090000
1,3-BENZENEDIOL, TRIIODO- see: VH3520000
1,3-BENZENEDIOL, 2,4,6-TRINITRO- (9CI) see: VH3540000

CZ9200000 m-BENZENEDISULFONAMIDE, 4,5-DICHLORO-
UPDT:8408 CAS: 120-97-8 MW: 305.16 MOLFM: C6-H6-Cl2-N2-O4-S2
SYN: 1,3-BENZENEDISULFONAMIDE, 4,5-DICHLORO- * CB 8000 * DARANIDE * DASANIDE * DICHLOFENAMIDE * 4,5-DICHLORO-m-BENZENEDISULFONAMIDE * 4,5-DICHLORO-1,3-DISULFAMOYLBENZENE * DICHLOROPHENAMIDE * 3,4-DICHLORO-5-SULFAMYLBENZENESULFONAMIDE * DICHLORPHENAMIDE * 1,3-DISULFAMYL-4,5-DICHLOROBENZENE * ORATROL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:4642 mg/kg (1-22D preg) PSEBAA 126,6,67
1T46 ipr-mus TDLo:500 mg/kg (10D preg) TJADAB 11,31,75
1T42 scu-mus TDLo:96 mg/kg (15D preg) DEBIAO 27,395,72
1T42 par-mus TDLo:144 mg/kg (13D preg) TJADAB 4,239,71
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2600 mg/kg 29ZVAB -,41,69
orl-mus LD50:1710 mg/kg 29ZVAB -,41,69
ipr-mus LD50:304 mg/kg THERAP 19,1423,64
ivn-mus LD50:643 mg/kg 29ZVAB -,41,69
ivn-dog LD50:200 mg/kg 29ZVAB -,41,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3-BENZENEDISULFONAMIDE, 4,5-DICHLORO- see: CZ9200000

CZ9229000 1,3-BENZENEDISULFONAMIDE, N(sup 3)-(2-(DIMETHYLAMINO)ETHYL)-4-METHOXY-, MONOHYDROCHLORIDE
UPDT:8402 CAS: 62564-33-4 MW: 373.91 MOLFM: C-11-H19-N3-O5-S2 Cl-H
SYN: N(sup 3)-(2-(DIMETHYLAMINO)ETHYL)-4-METHOXY-1,3-BENZENEDISULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:200 mg/kg EJMCA5 12,421,77

CZ9450000 BENZENE, m-DIVINYL-
UPDT:8201 CAS: 108-57-6 MW: 130.20 MOLFM: C10-H10
SYN: m-DIVINYLBENZEN (Czech)
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MLD 28ZPAK -,25,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4040 mg/kg 28ZPAK -,25,72
REVIEW AND REFERENCES:
★ TLV-TWA 10 ppm DTLVS* 4,163,80

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

BENZENE (DOT) see: CY1400000

CZ9625000 BENZENE, (EPOXYETHYL)-
UPDT:8412 CAS: 96-09-3 MW: 120.16 MOLFM: C8-H8-O
SYN: EPOXYETHYLBENZENE (8CI) * 1,2-EPOXYETHYLBENZENE * EPOXYSTYRENE * alpha,beta-EPOXYSTYRENE * NCI-C54977 * OXIRANE, PHENYL- * PHENETHYLENE OXIDE * 1-PHENYL-1,2-EPOXYETHANE * PHENYLETHYLENE OXIDE * PHENYL OXIRANE * 2-PHENYLOXIRANE * STYRENE EPOXIDE * STYRENE OXIDE * STYRENE 7,8-OXIDE * STYRYL OXIDE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AMIHBC 10,61,54
skn-rbt 500 mg open MOD — UCDS** 7/21/71
eye-rbt 500 mg open — AMIHBC 10,61,54

MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — JCPHDQ 1,301,78
mma-sat 500 ug/plate — PNASA6 72,5135,75
mma-esc 2 mmol/L — CMSHAF 7,737,78
mma-bcs 5 mmol/L — MSERDS 5,131,81
mma-klp 500 umol/L — MUREAV 89,269,81
mma-ssp 10 mmol/L — COINAV 256,315,77
mma-ssp 5 mmol/L — MUREAV 40,317,76
mrc-ssp 20 mmol/L — COINAV 256,315,77
dns-hmn:oth 4400 umol/L — FCTXAV 18,434,80
dni-hmn:hla 4400 umol/L — MUREAV 93,447,82
cyt-hmn:lym 500 umol/L — MUREAV 51,377,78
sce-hmn:lym 100 umol/L — CRNGDP 1,357,80
dnd-rat:lvr 300 umol/L — SimJF# 2F-OCT82
dnd-mus-ipr 3500 umol/kg — CALEDQ 21,9,83
cyt-mus-orl 50 mg/kg — FCTXAV 18,434,80
sce-mus-ihl 50 ppm — EVSRBT 25,433,82
msc-mus:lym 13800 ug/L — MUREAV 97,49,82
hma-mus:smc 100 mg/kg — MUREAV 40,317,76
hma-mus:ssp 100 mg/kg — MUREAV 40,317,76
cyt-ham-ipr 500 mg/kg — CBINAB 26,305,79
cyt-ham:lng 57 mg/L — GMCRDC 27,95,81
sce-ham-ipr 500 mg/kg — CBINAB 26,305,79
sce-ham:ovr 25 mg/L — CBINAB 20,163,78
msc-ham:fbr 17 mmol/L/60M — MUREAV 40,317,76
msc-ham:lng 2080 umol/L/2H — CBINAB 39,57,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 ihl-rat TCLo:100 ppm/7H (1-19D preg) — SWEHDO 7(Suppl 4),66,81
2T24T46 ihl-rat TCLo:100 ppm/7H (1-19D preg) — NTIS** PB81-168510
1T25 ihl-rbt TCLo:15 ppm/7H (1-24D preg) — NTIS** PB81-168510

TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:10 gm/kg/52W-I — MELAAD 70,358,79
3V03R60V10 skn-mus TDLo:74 gm/kg/62W-I — JNCIAM 31,41,63
2V03P62 unk-mus TDLo:96 mg/kg — RARSAM 3,193,63
3V01K60L60 orl-rat TD:52 gm/kg/52W-I — MELAAD 70,358,79

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2000 mg/kg — NTIS** PB81-168510
* ihl-rat LCLo:500 ppm/4H — AMIHBC 10,61,54
ipr-rat LD50:460 mg/kg — TXAPA9 18,321,71
* skn-rbt LD50:1060 mg/kg — AMIHBC 10,61,54
* orl-gpg LD50:2000 mg/kg — NTIS** PB81-168510

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 11,201,76
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 19,275,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE — IARC** 19,275,79

STATUS:
NTP CARCINOGENESIS STUDIES: TEST COMPLETED, OCTOBER 1984
NIOSH MANUAL OF ANALYTICAL METHODS: VOL 5, 303#
NIOSH MANUAL OF ANALYTICAL METHODS: TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CZ9625010 BENZENE, (EPOXYETHYL)-, (R)-
UPDT:8303 MW: 120.16 MOLFM: C8-H8-O
SYN: (R)-(EPOXYETHYL)BENZENE * R-PHENYLOXIRANE

MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate — MUREAV 93,45,82

CZ9625020 BENZENE, (EPOXYETHYL)-, (R)-(-)-
UPDT:8303 MW: 120.16 MOLFM: C8-H8-O
SYN: (R)-(-)-EPOXYETHYLBENZENE

MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate — ENMUDM 4,575,82

CZ9625030 BENZENE, (EPOXYETHYL)-, (S)-
UPDT:8303 MW: 120.16 MOLFM: C8-H8-O
SYN: S-(EPOXYETHYL)BENZENE * S-PHENYLOXIRANE

MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate — MUREAV 93,45,82

CZ9625040 BENZENE, (EPOXYETHYL)-, (S)-(+)-
UPDT:8303 CAS: 20780-54-5 MW: 120.16 MOLFM: C8-H8-O
SYN: (S)-(+)-EPOXYETHYLBENZENE

MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate — ENMUDM 4,575,82

CZ9920000 BENZENE, 1-(EPOXYETHYL)-4-NITRO-
UPDT:8402 CAS: 6388-74-5 MW: 165.16 MOLFM: C8-H7-N-O3
SYN: 1-(EPOXYETHYL)-4-NITROBENZENE * (p-NITROPHENYL)OXIRANE * p-NITROSTYRENE OXIDE * 4-NITROSTYRENE OXIDE * OXIRANE, (4-NITROPHENYL)- (9CI)

MUTATION DATA AND REFERENCES:
sce-hmn:lym 1 mmol/L — MUREAV 116,379,83

BIJU see: EB2700000

BENZENE (2,3-EPOXYPROPOXY)- see: TZ3675000

DA0176000 BENZENE, 1-(2,3-EPOXYPROPOXY)-4-METHOXY-
UPDT:8304 CAS: 2211-94-1 MW: 180.22 MOLFM: C10-H12-O3
SYN: ANISOLE, p-(2,3-EPOXYPROPOXY)- * 2,3-EPOXYPROPYL 4-METHOXYPHENYL ETHER * GLYCIDYL p-METHOXYPHENYL ETHER * GLYCIDYL 4-METHOXYPHENYL ETHER * 2-(p-METHOXYPHENOXYMETHYL)OXIRANE * METHOXYPHENYL GLYCIDYL ETHER * p-METHOXYPHENYL GLYCIDYL ETHER * OXIRANE, [(4-METHOXYPHENOXY)METHYL]- (9CI)

MUTATION DATA AND REFERENCES:
mmo-sat 66 nmol/plate — MUREAV 93,297,82
mma-klp 200 umol/L — MUREAV 89,269,81

BENZENEETHANAMINE see: SG8750000

BENZENEETHANAMINE, 2-CHLORO-alpha,alpha-DIMETHYL-, HYDROCHLORIDE see: SH1150000

BENZENEETHANAMINE, 4-CHLORO-alpha,alpha-DIMETHYL-, HYDROCHLORIDE see: SH1225000

BENZENEETHANAMINE, N-((4-CHLOROPHENYL)METHYL)-alpha-METHYL-beta-PHENYL-, HYDROCHLORIDE (9CI) see: SH0684500

BENZENEETHANAMINE, N-(CYCLOPROPYLMETHYL)-3,4,5-TRIMETHOXY-, HYDROCHLORIDE (10CI) see: SH2156000

DA0281700 BENZENEETHANAMINE, N-((1,4-DIMETHYL-9H-CARBAZOL-3-YL)METHYLENE)-alpha-METHYL-
UPDT:8408 CAS: 55042-55-2 MW: 340.50 MOLFM: C24-H24-N2
SYN: ICIG 928 * 3-((alpha-METHYL-beta-PHENYLETHYLIMINO)METHYL)-1,4-DIMETHYLCARBAZOLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:160 mg/kg — BIMDB3 21,101,74

BENZENEETHANAMINE, alpha,alpha-DIMETHYL-, HYDROCHLORIDE see: SH4950000

BENZENEETHANAMINE, alpha,alpha-DIMETHYL-N-((4-METHOXYPHENYL)-, HYDROCHLORIDE see: SH7880000

BENZENEETHANAMINE, N,alpha-DIMETHYL-beta-PHENYL-, HYDROCHLORIDE (9CI) see: SH6005000

BENZENEETHANAMINE, N,N-DIMETHYL-alpha-PHENYL-, HYDROCHLORIDE, (R)-, (9CI) see: KR5920000

BENZENEETHANAMINE, N,alpha-DIMETHYL-N-2-PROPYNYL-, HYDROCHLORIDE, (+-)- (9CI) see: SH6060000

BENZENEETHANAMINE, N,alpha-DIMETHYL-N-2-PROPYNYL-, HYDROCHLORIDE, (S)- (9CI) see: SH8070000

DA0292500 BENZENEETHANAMINE, N,alpha-DIMETHYL-N-2-PROPYNYL-, HYDROCHLORIDE, (R)-
UPDT:8406 CAS: 14611-52-0 MW: 223.77 MOLFM: C13-H17-N-Cl-H
SYN: (-)-DEPRENIL HYDROCHLORIDE * (-)-DEPRENYL HYDROCHLORIDE * (-)-DEPRENYL HYDROCHLORIDE * (-)-N,alpha-DIMETHYL-N-2-PROPYNYLBENZENEETHANAMINE HYDROCHLORIDE * (-)-E-250 * ELDEPRYL * JUMEX * (-)-PHENYLISOPROPYLMETHYLPROPYNYLAMINE

TOXICITY DATA AND REFERENCES:
* scu-rat LD50:280 mg/kg — APACAB 32,377,67
* ivn-rat LD50:81 mg/kg — APACAB 32,377,67
* unk-mus LD50:121 mg/kg — APACAB 32,377,67

BENZENEETHANAMINE, 4-METHOXY-alpha-(BIS(4-METHOXYPHENYL)METHYLENE)-N,N-DIMETHYL-, HCl (9CI) see: BA7350000

BENZENEETHANAMINE, N-((4-METHOXYPHENYL)METHYL-alpha-METHYL-beta-PHENYL-, HYDROCHLORIDE (9CI) see: SH7890000

BENZENEETHANAMINE, alpha-METHYL-beta-PHENYL- (9CI) see: SI0787000

BENZENEETHANAMINE, alpha-METHYL-, (S)-, SULFATE (2:1) see: SI1400000

BENZENEETHANAMINE, 3,4,5-TRIMETHOXY- see: SI2625000

BENZENEETHANAMINE, 3,4,5-TRIMETHOXY-N-2-PROPENYL-, HYDROCHLORIDE see: SG9295000

BENZENEETHANAMINE, 3,4,5-TRIMETHOXY-N-PROPYL-, HYDROCHLORIDE see: SI2410000

DA0500000 BENZENEETHANOL, 4-CHLORO-alpha-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-alpha-METHYL- HYDROCHLORIDE
UPDT:8403 CAS: 1215-83-4 MW: 292.28 MOLFM: C14-H22-Cl-N-O-Cl-H
SYN: BIOTERTUSSIN * 2-(p-CHLOROBENZYL)-3-DIMETHYLAMINOMETHYL-2-BUTANOL HYDROCHLORIDE * 4-CHLORO-alpha-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-alpha-METHYLBENZENEETHANOL HYDROCHLORIDE * p-CHLORO-alpha-(2-DIMETHYLAMINO-1-METHYLETHYL)-alpha-METHYLPHENETHYL ALCOHOL HYDROCHLORIDE * 1-p-CHLOROPHENYL-2,3-DIMETHYL-4-DIMETHYLAMINO-2-BUTANOL HYDROCHLORIDE * CLOBUTINOL HYDROCHLORIDE * p-CLORO-alpha-(2-DIMETILAMINO)-1-METILETIL)-alpha-METIL FENETIL ALCOOL CLORIDRATO (Italian) * RAT 256 * PERTOXIL * PETOXIL * PHENETHYL ALCOHOL, p-CHLORO-alpha-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-alpha-METHYL-, HCl (8CI) * SILOM * SILOMAT * SILONIST

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:802 mg/kg — NIIRDN 6,241,82
* ipr-rat LD50:151 mg/kg — NIIRDN 6,241,82
* scu-rat LD50:702 mg/kg — NIIRDN 6,241,82
* ivn-rat LD50:63 mg/kg — NIIRDN 6,241,82
* orl-mus LD50:334 mg/kg — NIIRDN 6,241,82
* ipr-mus LD50:125 mg/kg — NIIRDN 6,241,82
* scu-mus LD50:336 mg/kg — NIIRDN 6,241,82
* ivn-mus LD50:40900 ug/kg — NIIRDN 6,241,82

BENZENEETHANOL, 4-CHLORO-alpha-(2-(DIMETHYLAMINO)-1-METHYL)-alpha-METHYL- see: SG7885000

BENZENEETHANOL, 4-(2-(DIETHYLAMINO)ETHOXY)-alpha-(4-METHOXYPHENYL)-alpha-PHENYL- see: SG7887200

DA0512000 BENZENE ETHANOL, alpha,alpha-DIMETHYL-, PROPANOATE
UPDT:8305 CAS: 67785-77-2 MW: 206.31 MOLFM: C13-H18-O2
SYN: BENZYLISOPROPYL PROPIONATE * DIMETHYLBENZYLCARBINYL PROPIONATE * PHENETHYL ALCOHOL, alpha,alpha-DIMETHYL-, PROPIONATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 18,669,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENZENEETHANOL, alpha-METHYL- (9CI) see: SG8589500

BENZENEETHANOL, beta-METHYL- (9CI) see: SG8590000

BENZENE, 1,1'-(1,2-ETHENEDIYL)BIS-, (E)- (9CI) see: WL4926500

DA0513500 BENZENE, 1,1'-(1,2-ETHENEDIYL)BIS(2-NITRO-
UPDT:8308 CAS: 6275-02-1 MW: 270.26 MOLFM: C14-H10-N2-O4
SYN: 2,2'-DINITROSTILBENE * 2,2'-DINITROSTILBENE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN — CFRGBR 49,172.101,82

BENZENE, 1-ETHENYL-3,5-DIMETHYL- (9CI) see: WL4460500

BENZENE, ETHENYL-, HOMOPOLYMER (9CI) see: WL6475000

BENZENE, 1-ETHENYL-2-METHYL- (9CI) see: WL5075900

BENZENE, 1-ETHENYL-3-METHYL- (9CI) see: WL5075800

BENZENE, 1-ETHENYL-4-METHYL- (9CI) see: WL5076000

BENZENE, ETHENYL-, POLYMER with 1,3-BUTADIENE (9CI) see: WL6478000

DA0600000 BENZENE, 1-ETHOXY-4-NITRO-
UPDT:8307 CAS: 100-29-8 MW: 167.16 MOLFM: C8-H9-N-O3
SYN: p-NITROPHENETOL (German) * p-NITROPHENETOLE * PHENETOLE, p-NITRO-

MUTATION DATA AND REFERENCES:
mma-sat 250 ug/plate — CRNGDP 3,167,82

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:2100 mg/kg — AGGHAR 17,217,59

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENZENE, 1-ETHOXY-4-NITROSO- see: SI7943000

DA0700000 BENZENE, ETHYL-
UPDT:8412 CAS: 100-41-4 MW: 106.18 MOLFM: C8-H10
SYN: AETHYLBENZOL (German) * EB * ETHYLBENZEEN (Dutch) * ETHYL BENZENE * ETHYL BENZENE (DOT) * ETHYLBENZOL * ETILBENZENE (Italian) * ETYLOBENZEN (Polish) * NCI-C56393 * PHENYLETHANE * UN 1175 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 15 mg/24H open MLD — AIHAAP 23,95,62
eye-rbt 100 mg — AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:
sce-hmn:lym 1 mmol/L — MUREAV 116,379,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ihl-rat TCLo:97 ppm/7H (15D preg) — BATTL* 210-79-0037
1T34 ihl-rat TCLo:985 ppm/7H (1-19D preg) — BATTL* 210-79-0037
1T46 ihl-rat TCLo:96 ppm/7H (1-19D preg) — BATTL* 210-79-0037
1T26 ihl-rbt TCLo:99 ppm/7H (1-18D preg) — BATTL* 210-79-0037

TOXICITY DATA AND REFERENCES:
3D35F04J30 ihl-hmn TCLo:100 ppm/8H — AIHAAP 31,206,70
orl-rat LD50:3500 mg/kg — AMIHAB 14,387,56
ihl-rat LCLo:4000 ppm/4H — AIHAAP 23,95,62
* skn-rbt LD50:17800 mg/kg — FCTXAV 13,803,75
ihl-gpg LCLo:10000 ppm — PHRPA6 45,1241,30

REVIEW AND REFERENCES:
★ TLV-TWA 100 ppm; STEL 125 ppm — DTLVS* 4,176,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air TWA 100 ppm (skin) (SCP-C) — FEREAC 39,23540,74

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101 82

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345,8EHQ-1080-0368
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENE ETHYL ANILIDOPHOSPHONATE see: SZ6223000
BENZENE, 1-ETHYL-2-METHYL- (9CI) see: XT2500000
BENZENE, 1,1'-(1-ETHYL-2-(1-METHYLPROPYL)-1,2-ETHENEDIYL)BIS- see: WJ6650000

DA0900000 BENZENE, FLUORO-
UPDT 8312 CAS: 462-06-6 MW: 96.11 MOLFM: C6-H5-F
SYN: FLUOROBENZENE * FLUOROBENZENE (DOT) * PHENYL FLUORIDE * UN 2387 (DOT)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4399 mg/kg GTPZAB 19(9),36,75
* ihl-rat LC50:26908 mg/m3 GTPZAB 19(9),36,75
ihl-mus LC50:45 gm/m3/2H IZSBAI 3,91,65

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID, LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENE, 1-FLUORO-2-METHYL- (9CI) see: XT2579000

DA1400000 BENZENE, 1-FLUORO-4-NITRO-
UPDT 8402 CAS: 350-46-9 MW: 141.11 MOLFM: C6-H4-F-N-O2
SYN: p-FLUORONITROBENZENE * 4-FLUORONITROBENZENE * p-NITROFLUOROBENZENE * 4-NITROFLUOROBENZENE

MUTATION DATA AND REFERENCES:
mmo-sat 160 nL/plate MUREAV 116,217,83

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg NCNSA6 5,19,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENEFORMIC ACID see: DG0875000
BENZENE HEXACHLORIDE see: GV3150000
BENZENE HEXACHLORIDE-alpha-isomer see: GV3500000
BENZENE, (1-METHYLETHENYL)- see: WL5075300
BENZENEHEXACHLORIDE, mixed isomers see: GV4950000
trans-alpha-BENZENEHEXACHLORIDE see: GV4375000
alpha-BENZENEHEXACHLORIDE see: GV3500000
BENZENEETHANAMINE, N-((3,4-DIMETHOXYPHENYL)METHYL)-alpha-METHYL-beta-PHENYL-, HYDROCHLORIDE see: SG2350000
beta-BENZENEHEXACHLORIDE see: GV4375000
BENZENE HEXACHLORIDE-gamma-isomer see: GV4900000
gamma-BENZENE HEXACHLORIDE see: GV4900000

DA2975000 BENZENE, HEXACHLORO-
UPDT 8409 CAS: 118-74-1 MW: 284.76 MOLFM: C6-Cl6
SYN: AMATIN * AMTICARIE * BUNT-CURE * BUNT-NO-MORE * CO-OP HEXA * ESACLOROBENZENE (Italian) * GRANOX NM * HCB * HEXA C.B. * HEXACHLORBENZOL (German) * HEXACHLOROBENZENE * HEXACHLOROBENZENE (DOT) * JULIN'S CARBON CHLORIDE * NO BUNT * NO BUNT 40 * NO BUNT 80 * NO BUNT LIQUID * PENTACHLOROPHENYL CHLORIDE * PERCHLOROBENZENE * PHENYL PERCHLORYL * SANOCIDE * SMUT-GO * RCRA WASTE NUMBER U127 * SNIECIOTOX * UN 2729 (DOT)

MUTATION DATA AND REFERENCES:
dnd-esc 20 umol/L MUREAV 89,95,81
mma-smc 100 ppm RSTUDV 6,161,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T76 orl-rat TDLo:556 mg/kg (96D pre-21D post) TXCYAC 23,33,82
1T46 orl-rat TDLo:40 mg/kg (10-13D preg) TXAPA9 29,109,74
2T48T54 orl-rat TDLo:6450 mg/kg (1-22D preg/21D post) DCTODJ 2,61,79
1T81 orl-rat TDLo:102 mg/kg (MGN) AECTCV 5,207,77
1T76 orl-rat TDLo:812 mg/kg (MGN) AECTCV 5,207,77
1T83 orl-rat TDLo:212 mg/kg (14D pre-17D post) ARTODN 38,191,77
2T43T53 orl-mus TDLo:1 gm/kg (7-16D preg) TXAPA9 35,239,76
1T76 orl-mam TDLo:27562 ug/kg (66D pre-28D post) ENVRAL 31,116,83

TUMORIGENIC DATA AND REFERENCES:
3V01M61P61 orl-rat TDLo:2738 mg/kg/2Y-C PAACA3 24,59,83
3V02L60P62 orl-mus TDLo:6972 mg/kg/83W-C IJCNAW 23,47,79
3V01L60N62 orl-ham TDLo:1000 mg/kg/18W-C NATUAS 269,510,77
2V02L60 orl-ham TD :3360 mg/kg/80W-C TXAPA9 41,155,77
2V01L60 orl-ham TD :3360 mg/kg/80W-C TXAPA9 41,155,77
3V01L60M61 orl-rat TD :5475 mg/kg/2Y-C PAACA3 24,59,83
3V02L60Y36 orl-rat TD :1050 mg/kg/30W-C CALEDQ 11,169,80

TOXICITY DATA AND REFERENCES:
unk-man LDLo:220 mg/kg 85DCAI 2,73,70
orl-rat LD50:10000 mg/kg 85DPAN -,-,71/76
* ihl-rat LC50:3600 mg/m3 85GMAT -,72,82
* orl-mus LD50:4 gm/kg 85GMAT -,72,82
* ihl-mus LC50:4 gm/m3 85GMAT -,72,82
* orl-cat LD50:1700 mg/kg 85GMAT -,72,82
* ihl-cat LC50:1600 mg/m3 85GMAT -,72,82
* orl-rbt LD50:2600 mg/kg 85GMAT -,72,82
* ihl-rbt LC50:1800 mg/m3 85GMAT -,72,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW- RREVAH 56,107,75; JAMAAP 183,88,63
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 20,155,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 20,155,79

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 343
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DA3000000 BENZENE, HEXAETHYL-
UPDT 8401 CAS: 604-88-6 MW: 246.48 MOLFM: C18-H30
SYN: HEXAETHYLBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-mus TDLo:1000 mg/kg CNREA8 26,105,66

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENE, HEXAHYDRO- see: GU6300000

DA3170000 BENZENEHEXAMETHANOL, HEXANITRATE
UPDT 8308 MW: 528.30 MOLFM: C12-H12-N6-O18
SYN: HEXAMETHYLOL BENZENE HEXANITRATE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49.172.101.82

DA3200000 BENZENE, HEXAMETHYL-
UPDT 8401 CAS: 87-85-4 MW: 162.30 MOLFM: C12-H18
SYN: HEXAMETHYLBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V02M60 imp-mus TDLo:1000 mg/kg CNREA8 26,105,66

TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:5000 mg/kg AMIHAB 19,403,59

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENE, HYDRAZODI- see: MW2625000
BENZENE, (IODOMETHYL)- (9CI) see: XT2830000

DA3675000 BENZENE, ISOCYANATO-
UPDT 8312 CAS: 103-71-9 MW: 119.13 MOLFM: C7-H5-N-O
SYN: CARBANIL * ISOCYANIC ACID, PHENYL ESTER * MONDUR P * PHENYLCARBIMIDE * PHENYL CARBONIMIDE * PHENYL ISOCYANATE * PHENYL ISOCYANATE (DOT) * UN 2487 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate ABCHA6 44,3017,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:940 mg/kg MONS**
skn-rbt LD50:7130 mg/kg TXAPA9 42,417,77

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B, LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0678-0178
BENZENE, ISOPROPYL see: GR8575000
BENZENE, 1-ISOPROPYL-4-METHYL- see: GZ5950000
BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-2-FLUORO- (9CI) see: DP1582100
BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-3-FLUORO- (9CI) see: DP1582000
BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-4-FLUORO- (9CI) see: DP1582200
BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-2-IODO- (9CI) see: DP1588400
BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-3-IODO- (9CI) see: DP1588300
BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-4-IODO- (9CI) see: DP1588500
BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-2-METHYL- (9CI) see: DP1591500
BENZENEMETHANAMINE, 2-BROMO-N,N-BIS(2-CHLOROETHYL)- (9CI) see: DP1576200
BENZENEMETHANAMINE, 3-BROMO-N,N-BIS(2-CHLOROETHYL)- (9CI) see: DP1576000
BENZENEMETHANAMINE, 4-BROMO-N,N-BIS(2-CHLOROETHYL)- (9CI) see: DP1576400
BENZENEMETHANAMINE, N-(2-BROMOETHYL)-2-METHOXY-5-NITRO- see: DP1742060
BENZYLAMINE, N-(2-BROMOETHYL)-2-METHOXY-5-NITRO-
BENZENEMETHANAMINE, 2-CHLORO-N,N-BIS(2-CHLOROETHYL)- (9CI) see: DP1578200
BENZENEMETHANAMINE, 3-CHLORO-N,N-BIS(2-CHLOROETHYL)- (9CI) see: DP1578000

DA4391600 BENZENEMETHANAMINE, 2-CHLORO-N-(2,6-DINITRO-4-(TRIFLUOROMETHYL)PHENYL)-N-ETHYL-6-FLUORO-
UPDT 8309 CAS: 62924-70-3 MW: 421.76 MOLFM: C16-H12-Cl-F4-N3-O4
SYN: CGA-41065 * 2-CHLORO-N-(2,6-DINITRO-4-(TRIFLUOROMETHYL)PHENYL)-N-ETHYL-6-FLUOROBENZENEMETHANAMINE * PRIME

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3100 mg/kg FMCHA2 -,C195,83
BENZENEMETHANAMINE, N-(2-CHLOROETHYL)-2-ETHOXY-5-NITRO- see: DP2700000
BENZYLAMINE, N-(2-CHLOROETHYL)-2-ETHOXY-5-NITRO-
BENZENEMETHANAMINE, N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)- see: DP3500000
BENZENEMETHANAMINE, N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)-, HYDROCHLORIDE see: DP3750000
BENZENEMETHANAMINE, 3,4-DIMETHOXY- see: YX7355000
BENZENEMETHANAMINE, HYDROCHLORIDE see: DP5425000
BENZENEMETHANAMINIUM, 2-BROMO-N-ETHYL-N,N-DIMETHYL-, salt with 4-METHYLBENZENESULFONIC ACID see: BO9450000
BENZENEMETHANAMINIUM, N,N-DIMETHYL-N-OCTADECYL-, CHLORIDE (9CI) see: BO7000000
BENZENEMETHANAMINIUM, N-(2-DODECYLAMINO)-2-(OXOETHYL)-N,N-DIMETHYL-, CHLORIDE (9CI) see: BO7525000
BENZENEMETHANEAMINE, alpha-METHYL- see: DP5775000
BENZENE, 1,1',1'',1'''-METHANETETRAYLTETRAKIS- see: PB4050000
BENZENEMETHANOIC ACID see: DG0875000
BENZENEMETHANOL see: DN3150000
BENZENEMETHANOL, alpha-(1-AMINOETHYL)-, HYDROCHLORIDE, (R*,S*)-, (±)- see: DN4200000
BENZENEMETHANOL, alpha-(AMINOMETHYL)-3-HYDROXY-, (±)- see: DN7250010
BENZENEMETHANOL, alpha-(AMINOMETHYL)-3-HYDROXY-, HYDROCHLORIDE, (±)- (9CI) see: DN7360000
BENZENEMETHANOL, alpha-(1-AMINOPROPYL)- see: DN7870000
BENZENEMETHANOL, alpha-BUTYL- (9CI) see: DN8780000

DA4732100 BENZENEMETHANOL, alpha-(1-(BUTYLAMINO)ETHYL)-4-(ETHYLTHIO)-, HYDROCHLORIDE
UPDT 8411 CAS: 54767-51-0 MW: 303.93 MOLFM: C15-H25-N-O-S-Cl-H

TOXICITY DATA AND REFERENCES:
1H05 orl-mus LD50:312 mg/kg GWXXBX #2334404

DA4732200 BENZENEMETHANOL, alpha-(1-(BUTYLAMINO)ETHYL)-4-((1-METHYLETHYL)THIO)-, HYDROCHLORIDE
UPDT 8411 CAS: 54767-63-0 MW: 317.96 MOLFM: C16-H27-N-O-S-Cl-H

TOXICITY DATA AND REFERENCES:
1H05 orl-mus LD50:680 mg/kg GWXXBX #2334404

DA4732300 BENZENEMETHANOL, alpha-(1-(BUTYLAMINO)ETHYL)-4-((2-METHYLPROPYL)THIO)-
UPDT 8411 CAS: 54767-63-4 MW: 295.53 MOLFM: C17-H29-N-O-S

TOXICITY DATA AND REFERENCES:
1H05 orl-mus LD50:1350 mg/kg GWXXBX #234404

DA4732400 BENZENEMETHANOL, alpha-(1-(BUTYLAMINO)ETHYL)-4-(METHYLTHIO)-, HYDROCHLORIDE
UPDT 8411 CAS: 54767-49-6 MW: 289.90 MOLFM: C14-H23-N-O-S-Cl-H

TOXICITY DATA AND REFERENCES:
1H05 orl-mus LD50:100 mg/kg GWXXBX #2334404
BENZENEMETHANOL, alpha-((BUTYLAMINO)METHYL)-4-HYDROXY-, SULFATE (2:1) (SALT) (9CI) see: DN9205000

DA4733300 BENZENEMETHANOL, alpha-(1-(BUTYLAMINO)PROPYL)-4-(ETHYLTHIO)-, HYDROCHLORIDE
UPDT 8412 CAS: 54767-57-6 MW: 317.96 MOLFM: C16-H27-N-O-S-Cl-H

TOXICITY DATA AND REFERENCES:
1H05 orl-mus LD50:640 mg/kg GWXXBX #2334404

DA4733400 BENZENEMETHANOL, alpha-(1-(BUTYLAMINO)PROPYL)-4-(METHYLTHIO)-, HYDROCHLORIDE
UPDT 8411 CAS: 54767-55-4 MW: 303.93 MOLFM: C15-H25-N-O-S-Cl-H

TOXICITY DATA AND REFERENCES:
1H05 orl-mus LD50:120 mg/kg GWXXBX #2334404

BENZENEMETHANOL, 4-CHLORO-alpha-(4-CHLOROPHENYL)-alpha-(TRICHLOROMETHYL)- see DC8400000
BENZENEMETHANOL, 2-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)-alpha-PHENYL-, HYDROCHLORIDE (9CI) see: DC7400000
BENZENEMETHANOL, 2-CHLORO-alpha-((1,1-DIMETHYLETHYL)AMINO)METHYL)-, HYDROCHLORIDE see: DN8785000
BENZENEMETHANOL, 5-CHLORO-3-ETHYL-2-HYDROXY- (9CI) see: DN9265000
BENZENEMETHANOL, 5-CHLORO-3-ETHYL-2-METHOXY- (9CI) see: DN9266000
BENZENEMETHANOL, 2-CHLORO-alpha-((1-METHYLETHYL)AMINO)METHYL)-, HYDROCHLORIDE MONOHYDRATE see: DN9500000

DA4740000 BENZENEMETHANOL, 4-(CYCLOHEXYLTHIO)-alpha-(1-(OCTYLAMINO)ETHYL)-, HYDROCHLORIDE

UPDT 8412 CAS: 54767-55-5 MW: 414.15 MOLFM: C24 H44 N O S . Cl . H
TOXICITY DATA AND REFERENCES:
orl-mus LD50:5 gm/kg GWXXBX #2334404
BENZENEMETHANOL, 2,3(or 3,4)-DICHLORO-, METHYL CARBAMATE (9CI) see: FB9375000
BENZENEMETHANOL, 3,4-DICHLORO-, METHYLCARBAMATE see: FB8560000
BENZENEMETHANOL, 3,4-DICHLORO-alpha-((1-METHYLETHYL)AMINO)METHYL)-, HYDROCHLORIDE (9CI) see: DO1200000
BENZENEMETHANOL, alpha,alpha-DIMETHYL- (9CI) see: DO4562000
BENZENEMETHANOL, 2-((4-(DIMETHYLAMINO)PHENYL)AZO)- (9CI) see: DO5435500
BENZENEMETHANOL, 4-((4-(DIMETHYLAMINO)PHENYL)AZO)- (9CI) see: DO5435600
BENZENEMETHANOL, alpha-((1,1-DIMETHYLETHYL)AMINO)METHYL)-4-HYDROXY- (9CI) see: DN9202000
BENZENEMETHANOL, 2,4-DINITRO- see: DO5463500
BENZENEMETHANOL, alpha-ETHENYL-4-METHOXY-, ACETATE (9CI) see: DC9205900
BENZENEMETHANOL, alpha-((ETHYLAMINO)METHYL)-4-HYDROXY- (9CI) see: DO5603000
BENZENEMETHANOL, alpha-ETHYL-alpha-PHENYL-3-(TRIFLUOROMETHYL)- (9CI) see: DC8525000

DA4795900 BENZENEMETHANOL, 4-(ETHYLTHIO)-alpha-(1-(OCTYLAMINO)ETHYL)-, HYDROCHLORIDE

UPDT 8411 CAS: 54767-51-1 MW: 387.99 MOLFM: C24 H45 N O S . Cl
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1750 mg/kg GWXXBX #2334404

DA4795950 BENZENEMETHANOL, 4-(ETHYLTHIO)-alpha-(1-(OCTYLAMINO)PROPYL)-, HYDROCHLORIDE

UPDT 8411 CAS: 54767-52-2 MW: 374.00 MOLFM: C23 H43 N O S . Cl
TOXICITY DATA AND REFERENCES:
orl-mus LD50:2450 mg/kg GWXXBX #2334404
BENZENEMETHANOL, alpha-ETHYNYL-, CARBAMATE (9CI) see: DO5950000

DA4796100 BENZENEMETHANOL, alpha-(1-(HEPTYLAMINO)ETHYL)-4-((1-METHYLETHYL)THIO)-

UPDT 8411 CAS: 54767-66-7 MW: 321.54 MOLFM: C19 H35 N O S
TOXICITY DATA AND REFERENCES:
orl-mus LD50:2400 mg/kg GWXXBX #2334404

DA4796200 BENZENEMETHANOL, alpha-(1-(HEXYLAMINO)ETHYL)-4-((1-METHYLETHYL)THIO)-

UPDT 8411 CAS: 54767-65-6 MW: 307.51 MOLFM: C18 H33 N O S
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1450 mg/kg GWXXBX #2334404
BENZENEMETHANOL, 2-HYDROXY- (9CI) see: DO6430000
BENZENEMETHANOL, 3-HYDROXY-alpha-((METHYLAMINO)METHYL)-, (-)- see: DO7175000
BENZENEMETHANOL, 3-HYDROXY-alpha-((METHYLAMINO)METHYL)-, (R)- (9CI) see: DO7175000
BENZENEMETHANOL, 3-HYDROXY-alpha-((METHYLAMINO)METHYL)-, HYDROCHLORIDE, (-)- see: DO7525000
BENZENEMETHANOL, 3-HYDROXY-alpha-((1-METHYLETHYL)AMINO)METHYL)- (9CI) see: DO6526000
BENZENEMETHANOL, 4-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)-, HYDROCHLORIDE see: DO8225000
BENZENEMETHANOL, 4-HYDROXY-alpha-(1-((2-(PHENYLTHIO)ETHYL)AMINO)ETHYL)- see: DO8306000BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((2-(PHENYLTHIO)ETHYL)AMINO)ETHYL)-
BENZENEMETHANOL, 4-HYDROXY-alpha-(1-((3-(PHENYLTHIO)PROPYL)AMINO)ETHYL)-, HYDROCHLORIDE see: DO8307000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((3-(PHENYLTHIO)PROPYL)AMINO)ETHYL)-, HYDROCHLORIDE
BENZENEMETHANOL, alpha-METHYL- see: DO9275000
BENZENEMETHANOL, alpha-(1-(METHYLAMINO)ETHYL)-, (R-(R*,S*))- see: KB0700000
BENZENEMETHANOL, alpha-(1-(METHYLAMINO)ETHYL)-, HYDROCHLORIDE, (R-(R*,S*))- see: KB1750000
BENZENEMETHANOL, alpha-(1-(METHYLAMINO)ETHYL)-, HYDROCHLORIDE, (S-(R*,R*))- see: UL5950000
BENZENEMETHANOL, alpha-(1-(METHYLAMINO)ETHYL)-, (S-(R*,S*))- (9CI) see: KB0600000

DA4978000 BENZENEMETHANOL, alpha-(1-((1-METHYLETHYL)AMINO)ETHYL)-4-((1-METHYLETHYL)THIO)-, HYDROCHLORIDE

UPDT 8412 CAS: 54877-55-1 MW: 345.94 MOLFM: C17 H32 N O S . Cl
TOXICITY DATA AND REFERENCES:
1H05 orl-mus LD50:630 mg/kg GWXXBX #2334404

DA4979000 BENZENEMETHANOL, alpha-(1-((1-METHYLETHYL)AMINO)ETHYL)-4-((2-METHYLPROPYL)THIO)-, HYDROCHLORIDE

UPDT 8412 CAS: 54767-67-8 MW: 317.94 MOLFM: C16 H30 N O S . Cl
TOXICITY DATA AND REFERENCES:
1H05 orl-mus LD50:1280 mg/kg GWXXBX #2334404

DA4980200 BENZENEMETHANOL, 4-((1-METHYLETHYL)THIO)-alpha-(1-((1-METHYLPROPYL)AMINO,ETHYL)-, HYDROCHLORIDE

UPDT 841 CAS: 54767-62-3 MW: 317.94 MOLFM: C16 H30 N O S . Cl
TOXICITY DATA AND REFERENCES:
1H05 orl-mus LD50:520 mg/kg GWXXBX #2334404
BENZENEMETHANOL, 4-((1-METHYLETHYL)THIO)-alpha-(1-(OCTYLAMINO)ETHYL)-, (R-(R*,S*))- see: DO8910000

DA4980350 BENZENEMETHANOL, 4-(METHYLTHIO)-alpha-(1-(OCTYLAMINO)ETHYL)-, HYDROCHLORIDE

UPDT 8411 CAS: 54767-50-0 MW: 373.98 MOLFM: C23 H43 N O S . Cl
TOXICITY DATA AND REFERENCES:
1H05 orl-mus LD50:970 mg/kg GWXXBX #2334404

DA4980400 BENZENEMETHANOL, 4-(METHYLTHIO)-alpha-(1-(OCTYLAMINO)PROPYL)-, HYDROCHLORIDE

UPDT 8411 CAS: 54767-53-3 MW: 387.96 MOLFM: C24 H45 N O S . Cl
TOXICITY DATA AND REFERENCES:
1H05 orl-mus LD50:3300 mg/kg GWXXBX #2334404
BENZENEMETHANOL, alpha-(2-PHENYLCYCLOPROPYL)-, (1-alpha(R*),2-beta)- (9CI) see: DP0775800

DA4981800 BENZENEMETHANOL, 2,2'-TELLUROBIS-

UPDT 8412 CAS: 57466-47-4 MW: 343.90 MOLFM: C14 H14 O2 Te
SYN: 2,2'-TELLUROBIS(BENZENEMETHANOL)
TOXICITY DATA AND REFERENCES:
3H12EF122 ipr-rat LD50:750 mg/kg BCFOAI 16,273,82
BENZENEMETHANOL, alpha-(TRICHLOROMETHYL)-, ACETATE see: AU0375000
BENZENE, METHOXY- see: BZ8050000
BENZENE, (2-METHOXYETHYL)- (9CI) see: KO2230000
BENZENE, 1-METHOXY-4-METHYL- (9CI) see: BZ8780000
BENZENE, 1-METHOXY-2-NITRO- (9CI) see: BZ8790000
BENZENE, 1-METHOXY-4-NITRO- (9CI) see: BZ8800000

DA5350000 BENZENE, 2-METHOXY-1-(PENTYLOXY)-4-PROPENYL-

UPDT 8305 CAS: 10484-16-3 MW: 234.37 MOLFM: C15 H22 O2
SYN: ANETHOLEUGENOL * ANISOLE,ISOEUGENOL AMYL ETHER * 2-METHOXY-1-(PENTYLOXY)-4-(1-PROPENYL)-BENZENE * 1-PENTOXY-2-METHOXY-4-PROPENYLBENZENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg 24H MOD FCTXAV 17,513,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENE, 1-METHOXY-4-(1-PROPENYL)-, (E)- (9CI) see: BZ9275000
BENZENE, METHYL- see: XS5250000

DA5426000 BENZENE, (2-(3-METHYLBUTOXY)ETHYL)-

UPDT 841 CAS: 56011-02-0 MW: 194.32 MOLFM: C13 H22 O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg 24H MLD FCTOD7 21,873,83
BENZENE, METHYLDINITRO- see: XT1300000
BENZENE, 1-METHYL-2,3-DINITRO- (9CI) see: XT1400000
BENZENE, 1-METHYL-2,4-DINITRO- see: XT1575000
BENZENE, 1-METHYL-3,5-DINITRO- (9CI) see: XT2150000
BENZENE, 2-METHYL-1,3-DINITRO- (9CI) see: XT1925000
BENZENE, 2-METHYL-1,4-DINITRO- (9CI) see: XT1750000
BENZENE, 4-METHYL-1,2-DINITRO- (9CI) see: XT2100000
BENZENE, 1,1'-METHYLENEBIS(4-ISOCYANATO- (9CI) see: NQ9350000
BENZENE, 1,1'-METHYLENEBIS(METHYL- (9CI) see: PA9070000 METHANE, DITOLYL-

DA5600000 BENZENE, 1,2-METHYLENEDIOXY-

UPDT 842 CAS: 274-09-9 MW: 122.13 MOLFM: C7 H6 O2
SYN: METHYLENEDIOXYBENZENE * 1,2-METHYLENEDIOXYBENZENE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:580 mg/kg TXAPA9 7,18,65
3F07F24R21 orl-mus LD50:122C mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENE, 1,2-METHYLENEDIOXY-4-ALLYL- see: CY2800000
BENZENE, 1,2-(METHYLENEDIOXY)-4-(3-BROMO-1-PROPENYL)- see: DF4912000

DA5775000 BENZENE, 1,2-(METHYLENEDIOXY)-4-(2-(OCTYLSULFINYL)PROPYL)-

UPDT 842 CAS: 125-64-7 MW: 324.52 MOLFM: C18 H28 O3 S
SYN: 1,2-METHYLENEDIOXY-4-(2-OCTYLSULFINYL)PROPYL)BENZENE * 1-METHYL-2-(3,4-METHYLENEDIOXYPHENOXY)ETHYL OCTYL SULFOXIDE * NCI-C02824 * n-OCTYLISOSAFROLE SULFOXIDE * 5-(2-(OCTYLSULFINYL)PROPYL)-1,3-BENZODIOXOLE * n-OCTYLSULFOXIDE of ISOSAFROLE * PIPERONYL SULFOXIDE * SAFROLE, OCTYL SULFOXIDE * SULFOXIDE, SULFOXIDE, alpha-METHYL-3,4-METHYLENEDIOXYPHENETHYL OCTYL * SULFOXYL * SULPHOXIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T344f43 scu-mus TDLo:90 mg/kg (5-14D preg) NTIS** PB223-160
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:31 gm/kg 2Y-C NCITR* NCI-CG-TR-124,79
2V03L60 orl-mus TD:62 gm/kg 2Y-C NCITR* NCI-CG-TR-124,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg ARSMM* 20,24,66
skn-rbt LD50:9000 mg/kg 85DPAN --,71,76
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-124,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-124,79)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DA5950000 BENZENE, 1,2-(METHYLENEDIOXY)-4-PROPENYL-

UPDT 8406 CAS: 120-58-1 MW: 162.20 MOLFM: C10 H10 O2
SYN: 1,3-BENZODIOXOLE, 5-(1-PROPENYL)- * ISOSAFROLE * 1,2-METHYLENEDIOXY-4-PROPENYLBENZENE * 3,4-METHYLENEDIOXY-1-PROPENYL BENZENE * 5-(1-PROPENYL)-1,3-BENZODIOXOLE * 4-PROPENYLCATECHOL METHYLENE ETHER * 4-PROPENYL-1,2-METHYLENEDIOXYBENZENE * RCRA WASTE NUMBER U141
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg 24H MOD FCTXAV 14,329,76
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-mus TDLo:61 gm/kg 81W-C JNCIAM 42,1101,69
2V03L60 orl-mus TD:101 gm/kg 81W-C FCTXAV 19,130,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1340 mg/kg TXAPA9 7,18,65
2F07F19 orl-mus LD50:2470 mg/kg FCTXAV 2,327,64
ipr-mus LDLo:256 mg/kg CBCCT* 1,45,49
scu-rat LDLo:2 gm/kg AEXPBL 35,342,1895
ivn-rbt LDLo:300 mg/kg AEXPBL 35,342,1895
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,169,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,231,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DA5951000 BENZENE, 1,2-(METHYLENEDIOXY)-4-PROPENYL-, (E)-

UPDT 8406 CAS: 4043-71-4 MW: 162.20 MOLFM: C10 H10 O2
SYN: 1,3-BENZODIOXOLE, 5-(1-PROPENYL)-, (E)- * beta-ISOSAFROLE * (E)-ISOSAFROLE * trans-ISOSAFROLE * trans-5-(1-METHYLENEDIOXY-4-PROPENYLBENZENE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1990 mg/kg APFRAD 18,601,60

DA5952000 BENZENE, 1,2-(METHYLENEDIOXY)-4-PROPENYL-, (Z)-

UPDT 8406 CAS: 17627-76-8 MW: 162.20 MOLFM: C10 H10 O2
SYN: 1,3-BENZODIOXOLE, 5-(1-PROPENYL)-, (Z)- * alpha-ISOSAFROLE * cis-ISOSAFROLE * cis-1,2-METHYLENEDIOXY-4-PROPENYLBENZENE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1680 mg/kg APFRAD 18,601,60

DA6125000 BENZENE, 1,2-METHYLENEDIOXY-4-PROPYL-

UPDT 842 CAS: 94-58-6 MW: 164.22 MOLFM: C10 H12 O2
SYN: DIHYDROSAFROLE * 1,2-METHYLENEDIOXY-4-PROPYLBENZENE * 5-PROPYL-1,3-BENZODIOXOLE * 4-PROPYLCATECHOL METHYLENE ETHER * RCRA WASTE NUMBER U090 * SAFROLE, DIHYDRO-
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg 24H MLD FCTXAV 12,527,74
TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-mus TDLo:101 gm/kg 81W-C FCTXAV 19,130,81
3V01J60L60 orl-mus TD:163 gm/kg 81W-C JNCIAM 42,1101,69
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2260 mg/kg TXAPA9 7,18,65
orl-mus LD50:3700 mg/kg TXAPA9 7,18,65
ipr-mus LD50:2870 mg/kg COREAF 250,1148,60
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DHDAI 10(4),416,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,169,72

BEST COPY AVAILABLE

★ CARCINOGENIC REVIEW,ANIMAL POSITIVE IARC** 10,231,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENE, (1-METHYLETHYL)- (9CI) see: GR8575000
BENZENE, METHYLNITRO- see: XT2972000
BENZENE, 1-METHYL-2-NITROSO- (9CI) see: XT3400000
BENZENE, 1-METHYL-2,3,6-TRINITRO- see: XU0172000
BENZENE, 1-METHYL-2,4,5-TRINITRO- see: XU0174000
BENZENE, 2-METHYL-1,3,5-TRINITRO- see: XU0175000
BENZENE, 5-METHYL-1,2,3-TRINITRO- see: XU0183000

DA6270000 BENZENE, 2-METHYL-1,3,5-TRINITRO-, mixt. with ALUMINUM

UPDT:8312 CAS: 54413-15-9 MW: 254.13 MOLFM: C7-H5-N3-O6-Al
SYN: TRITONAL * TRITONAL 80/20 * TRITONAL (DOT) * UN 0390 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83
BENZENEMANINE, N-METHYL- (9CI) see: BY4550000
BENZENE, 1,2-(1,8-NAPHTHYLENE)- see: LL4025000
BENZENENITRILE see: DI2450000

DA6475000 BENZENE, NITRO-

UPDT:8412 CAS: 98-95-3 MW: 123.12 MOLFM: C6-H5-N-O2
SYN: ESSENCE of MIRBANE * ESSENCE of MYRBANE * MIRBANE OIL * NCI-C60082 * NITROBENZEEN (Dutch) * NITROBENZEN (Polish) * NITROBENZENE * NITROBENZENE, liquid (DOT) * NITROBENZOL * NITROBENZOL LIQUID (DOT) * OIL of MIRBANE * OIL of MIRBANE (DOT) * OIL of MYRBANE * RCRA WASTE NUMBER U169 * UN 1662 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,61,72
eye-rbt 500 mg/24H MLD 28ZPAK -,61,72
MUTATION DATA AND REFERENCES:
cyt-smc 10 mmol/tube HEREAY 33,457,47
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 ihl-rat TCLo:5 ppm/6H (90D male) TOXID9 4,181,84
TOXICITY DATA AND REFERENCES:
3F01H30J26 orl-wmn TDLo:200 mg/kg ATXKA8 28,208,71
unk-man LDLo:35 mg/kg 85DCAI 2,73,70
orl-rat LD50:640 mg/kg AGGHAR 17,217,59
skn-rat LD50:2100 mg/kg GISAAA 24(9),15,59
ipr-rat LD50:640 mg/kg AGGHAR 17,217,59
scu-rat LDLo:800 mg/kg HBAMAK 4,1375,35
orl-mus LD50:59 mg/kg GTPZAB 25(8),50,81
scu-mus LDLo:286 mg/kg PSEBAA 42,844,39
orl-dog LDLo:750 mg/kg HBAMAK 4,1375,35
ivn-dog LDLo:150 mg/kg XPHBAO 271,79,41
orl-cat LDLo:2000 mg/kg XPHBAO 271,78,41
skn-cat LDLo:25 gm/kg HBAMAK 4,1375,35
orl-rbt LDLo:700 mg/kg PCOC** -,805,66
skn-rbt LDLo:600 mg/kg HBAMAK 4,1375,35
ipr-gpg LDLo:500 mg/kg RMSRA6 16,449,1896
scu-gpg LDLo:500 mg/kg HBAMAK 4,1375,35
orl-mam LDLo:1000 mg/kg JIDHAN 13,87,31
REVIEW AND REFERENCES:
★ TLV-TWA 1 ppm; STEL 2 ppm (skin) DTLVS* 4,303,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ppm (skin) (SCP-P) FEREAC 39,23540,74
★ DOT-HAZARD:POISON B, LABEL:POISON CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S217
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DA6478000 BENZENE, NITRO-, mixed with NORHARMAN

UPDT:8311
SYN: NITROBENZENE mixed with NORHARMAN * NORHARMAN mixed with NITROBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 120,105,83
BENZENE, 1-NITRO-4-PHENOXY- (9CI) see: KO2680000

DA6490000 BENZENE, 1-NITROSO-4-PHENOXY-

UPDT:8406 CAS: 52671-42-8 MW: 199.22 MOLFM: C12-H9-N-O2
SYN: 4-NITROSOBIPHENYL ETHER * 1-NITROSO-4-PHENOXYBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate CBINA8 44,133,83
mma-sat 100 ug/plate CBINA8 44,133,83
BENZENE, 3-NITRO-1,2,4,5-TETRACHLORO- see: DC0175000
BENZENE, 4-NITRO-1,2,3,5-TETRACHLORO- see: DB9800000
BENZENE, 5-NITRO-1,2,3,4-TETRACHLORO- see: DB9625000

DA6610000 BENZENE, 1-NITRO-2,3,5,6-TETRANITROSO-, dry

UPDT:8308 MW: 239.12 MOLFM: C6-H-N5-O6
SYN: 2,3,5,6-TETRANITROSONITROBENZENE, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

DA6612000 BENZENE, 4-NITRO-1,2,3-TRICHLORO-

UPDT:8405 MW: 226.44 MOLFM: C6-H2-Cl3-N-O2
SYN: 4-NITRO-1,2,3-TRICHLOROBENZENE * 1,2,3-TRICHLORO-4-NITROBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 410 ug/plate MUREAV 116,217,83
BENZENE, 1-NITRO-2-(TRIFLUOROMETHYL)- (9CI) see: XT3480000
BENZENE, 1-NITRO-4-(TRIFLUOROMETHYL)- (9CI) see: XT3510000
BENZENE, 1,1'-OXYBIS(2,3,4,5,6-PENTABROMO- (9CI) see: KN3525000

DA6640000 BENZENE, PENTACHLORO-

UPDT:8412 CAS: 608-93-5 MW: 250.32 MOLFM: C6-H-Cl5
SYN: PENTACHLOROBENZENE * QCB * RCRA WASTE NUMBER U183
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:2 gm/kg (6-15D preg) TXCYAC 5,117,75
TOXICITY DATA AND REFERENCES:
2F01F11 orl-rat LD50:1080 mg/kg JEPTDQ 4(5-6),183,80
2F01F11 orl-mus LD50:1175 mg/kg JEPTDQ 4(5-6),183,80
STATUS:
NTP CARCINOGENESIS STUDIES, SELECTED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 343
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENE, PENTACHLOROMETHOXY- (9CI) see: BZ8820000

DA6650000 BENZENE, PENTACHLORONITRO-

UPDT:8412 CAS: 82-68-8 MW: 295.32 MOLFM: C6-Cl5-N-O2
SYN: AVICOL * BATRILEX * BOTRILEX * BRASSICOL * EARTHCIDE * FARTOX * FOLOSAN * FOMAC 2 * FUNGICLOR * GC 3944-3,4 * KOBU * KOBUTOX * KP 2 * NCI-C00419 * OLPISAN * PCNB * PENTACHLORNITROBENZOL (German) * PENTACHLORONITROBENZENE * PENTAGEN * PKNB * QUINTOCENE * QUINTOZENE * RCRA WASTE NUMBER U185 * SANICLOR 30 * TERRACHLOR * TERRACLOR * TERRAFUN * TILCSREX * TRI-PCNB * TRITISAN
MUTATION DATA AND REFERENCES:
mmo-esc 10 mg/plate MUREAV 11,247,71
dnd-esc 20 umol/L MUREAV 89,95,81
mma-asn 5 umol/L PHYTAJ 66,217,76
sln-asn 17 umol/L EVHPAZ 31,81,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T43T46T35 orl-mus TDLo:5 gm/kg (7-16D preg) TXAPA9 35,239,76
3T31T42T53 orl-mus TDLo:1935 mg/kg (6-14D preg) NTIS** PB223-160
3T34T41T43 orl-mus TDLo:4176 mg/kg (6-10D preg) NTIS** PB223-160
1T26 orl-mus TDLo:4176 mg/kg (6-14D preg) NTIS** PB223-160
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-mus TDLo:135 gm/kg/77W-C JNCIAM 42,1101,69
2V02R60 skn-mus TDLo:576 mg/kg/12W-I CNREA8 26,12,66
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1650 mg/kg WRPCA2 9,119,70
* ihl-rat LC50:1400 mg/m3 85GMAT -,96,82
* orl-mus LC50:1400 mg/kg 85GMAT -,96,82
* ihl-mus LC50:2 gm/m3 85GMAT -,96,82
* ipr-mus LD50:4500 mg/kg ARTODN 51,329,82
unk-mam LD50:1650 mg/kg 30ZDA9 -,82,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 56,107,75; 85CVA2 5,250,70
★ CARCINOGENIC REVIEW,ANIMAL POSITIVE IARC** 5,211,74
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-61,78)
NTP CARCINOGENESIS STUDIES: ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENEPENTANOIC ACID (9CI) see: YV7816000
BENZENEPENTANOIC ACID, 4-(BIS(2-CHLOROETHYL)AMINO)- (9CI) see: YV6191300
BENZENE, PHENOXY- see: KN8970000
BENZENE, (PHENYLAMINO)- see: JJ7800000
BENZENEPHOSPHONIC ACID, THIONO-, ETHYL-p-NITROPHENYL ESTER see: TB1925000
BENZENE PHOSPHORUS THIODICHLORIDE (DOT) see: TD4410000
BENZENEPROPANAL see: MW4890000
BENZENEPROPANAL, beta-(3,4-DIMETHOXYPHENYL)-gamma-OXO-2,4-BIS(PHENYLMETHOXY)- see: MW4895400 HYDROCINNAMALDEHYDE, 2,4-BIS(PHENYLMETHOXY)-beta-(3,4-DIMETHOXYPHENYL)-gamma-OXO-
BENZENEPROPANAL, 4-(1,1-DIMETHYLETHYL)-alpha-METHYL- see: MW4895000
BENZENEPROPANAL, beta-(4-METHOXYPHENYL)-gamma-OXO-2,4-BIS(PHENYLMETHOXY)- see: MW4895500HYDROCINNAMALDEHYDE, 2,4-BIS(PHENYLMETHOXY)-beta-(p-METHOXYPHENYL)-gamma-OXO-

DA8325600 BENZENEPROPANAMIDE, alpha-(BENZOYLAMINO)-4-(2-(DIETHYLAMINO)ETHOXY)-N,N-DIPROPYL-, (+-)-

UPDT:8412 CAS: 55837-29-1 MW: 467.72 MOLFM: C28-H41-N3-O3
SYN: DL-alpha BENZAMIDO-para-(2-(DIETHYLAMINO)ETHOXY)-N,N-DIPROPYLHYDROCINNAMAMIDE * (+-)-alpha-(BENZOYLAMINO)-4-(2-(DIETHYLAMINO)ETHOXY)-N,N-DIPROPYLBENZENEPROPANAMIDE * CR 605 * O-(DIETHYLAMINOETHYL)-N-BENZOYL-DL-TYROSYL-DI-n-PROPYLAMIDE * TIROPRAMIDA (Spanish) * TIROPRAMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:800 mg/kg DRFUD4 7,413,82
* ipr-rat LD50:140 mg/kg DRFUD4 7,413,82
* scu-rat LD50:430 mg/kg DRFUD4 7,413,82
* ivn-rat LD50:33900 ug/kg USXXAM #4004008
* orl-mus LD50:550 mg/kg DRFUD4 7,413,82
* ipr-mus LD50:120 mg/kg DRFUD4 7,413,82
* scu-mus LD50:245 mg/kg DRFUD4 7,413,82
* ivn-mus LD50:40500 ug/kg DRFUD4 7,413,82
BENZENEPROPANAMIDE, N-(2-(DIETHYLAMINO)ETHYL)- see: UE3571400
BENZENEPROPANAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-beta-METHYL- see: ES4309310
BENZENEPROPANAMIDE, N-(2-(DIMETHYLAMINO)ETHYL)-beta-METHYL- see: ES4339500
BENZENEPROPANAMIDE, N-(2-CYCLOHEXYL-1-METHYLETHYL)-gamma-PHENYL-, HYDROCHLORIDE see: UI0672500
BENZENEPROPANAMINE, N-(2-CYCLOHEXYL-1-METHYLETHYL)-PHENYL-, HYDROCHLORIDE (8CI) see: UI0672500
BENZENEPROPANAMINE, alpha-(4-ETHOXYPHENYL)-N,N-DIETHYL-gamma-METHYL-, HYDROCHLORIDE (9CI) see: DP4900000
BENZENEPROPANAMINE, N-(1-METHYL-2-PHENYLETHYL)-gamma-PHENYL- see: SH6480000
BENZENEPROPANOIC ACID, beta-(AMINOMETHYL)-4-CHLORO- (9CI) see: MW5084200
BENZENEPROPANOIC ACID, alpha,alpha-DIMETHYL- (9CI) see: MW5158000
BENZENEPROPANOIC ACID, 3-((DIMETHYLAMINO)METHYLENE)AMINO)-2,4,6-TRIIODO-, SODIUM SALT see: MW5200000
BENZENEPROPANOIC ACID, beta-ETHYL- (9CI) see: MW5258500
BENZENEPROPANOIC ACID, alpha-HYDRAZINO-3,4-DIHYDROXY-alpha-METHYL-, (S)- (9CI) see: MW5298000
BENZENEPROPANOIC ACID, 3-HYDROXY- (9CI) see: MW5340000
3-BENZENEPROPANOL see: UB8970000
BENZENEPROPANOIC ACID, beta,beta-DIMETHYL- (9CI) see: MW5158800
BENZENEPROPANOIC ACID, 3,4-DIMETHOXY-alpha-PHENYL-, HYDRAZIDE see: MW5150500 HYDROCINNAMICACID, 3,4-DIMETHOXY-alpha-PHENYL-, HYDRAZIDE
BENZENEPROPANOIC ACID, 4-METHOXY-alpha-(4-METHOXYPHENYL)-, HYDRAZIDE (9CI) see: MW5540200HYDROCINNAMIC ACID, p-METHOXY-alpha-(4-METHOXYPHENYL)-, HYDRAZIDE
BENZENEPROPANOIC ACID, alpha-(4-METHOXYPHENYL)-, HYDRAZIDE see: MW5540400 HYDROCINNAMICACID, alpha-(p-METHOXYPHENYL)-, HYDRAZIDE
BENZENEPROPANOIC ACID, 4-METHOXY-alpha-PHENYL-, HYDRAZIDE see: MW5540600 HYDROCINNAMICACID, p-METHOXY-alpha-PHENYL-, HYDRAZIDE
BENZENEPROPANOIC ACID, beta-OXO-, ETHYL ESTER (9CI) see: AF4878000 ACETIC ACID, BENZOYL-,ETHYL ESTER
BENZENEPROPANOIC ACID, alpha-PHENYL-, HYDRAZIDE see: MW5603700 HYDROCINNAMIC ACID, alpha-PHENYL-, HYDRAZIDE
BENZENEPROPANOIC ACID, beta-PHENYL-, HYDRAZIDE see: MW5603800 HYDROCINNAMIC ACID, beta-PHENYL-, HYDRAZIDE
BENZENEPROPANOL CARBAMATE see: UB9275000
BENZENEPROPANOL, alpha,alpha-DIMETHYL-, ACETATE (9CI) see: AH1847000
BENZENEPROPANOL, PROPANOATE (9CI) see: UB9338400

DA8400000 BENZENE, PROPENYL-

UPDT:8305 CAS: 637-50-3 MW: 118.19 MOLFM: C9-H10
SYN: beta-METHYLSTYRENE * omega-METHYLSTYRENE * 3-PHENYL-1-PROPENE * PROPENYL BENZENE
TOXICITY DATA AND REFERENCES:
1U01 orl-rat LD50:3600 mg/kg FCTXAV 2,327,64
BENZENE, PROPENYL-, (E)- (8CI) see: WL5075400
BENZENE, 1-PROPENYL-, (E)- (9CI) see: WL5075400

DA8750000 BENZENE, PROPYL-

UPDT:8403 CAS: 103-65-1 MW: 120.21 MOLFM: C9-H12
SYN: ISOCUMENE * 1-PHENYLPROPANE * n-PROPYLBENZENE * PROPYL BENZENE (DOT) * UN 2364 (DOT)
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:6040 mg/kg FCTXAV 2,327,64
ihl-mus LCLo:4100 ppm AEPPAE 143,223,29

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49.172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENE, 1,1'-SELENOBIS- (9CI) see: SX1825000

DA8800000 BENZENESTIBONIC ACID, p-ACETAMIDO-, SODIUM SALT
UPDT:7908 CAS: 138-31-8 MW: 327.92 MOLFM: C8-H9-N-O4-Sb-Na
SYN: p-ACETAMIDOBENZENESTIBONIC ACID SODIUM SALT * ACETYL-p-AMINOPHENYLSTIBINSAURES NATRIUM (German) * SODIUM p-ACETYLAMINOPHENYLANTIMONATE * STIBACETIN * STIBENYL
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:133 mg/kg — CLDND*
scu-mus LDLo:480 mg/kg — HBAMAK 4,1289.35
ivn-mus LD50:283 mg/kg — JPETAB 81,224.44
scu-mus LDLo:1 gm/kg — HBAMAK 4,1289.35
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20.80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

DA8925000 BENZENESTIBONIC ACID, p-AMINO-, compound with UREA (3:1)
UPDT:7901 CAS: 64058-57-7 MW: 740.61 MOLFM: C13-H19-N4-O9-Sb3
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:256 mg/kg — CBCCT* 2,243,50
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20.80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**
BENZENESULFANILIDE see: DB3500000

DA9380000 BENZENESULFONAMIDE
UPDT:8305 CAS: 98-10-2 MW: 157.20 MOLFM: C6-H7-N-O2-S
SYN: BENZENESULPHONAMIDE * BENZOSULFONAMIDE * BSA
TOXICITY DATA AND REFERENCES:
orl-rat LD50:991 mg/kg — MarJV# 29MAR77
orl-mus LD50:740 mg/kg — GTPZAB 23(12),47,79
ipr-mus LD50:1000 mg/kg — JMCMAR 8,548,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZENESULPHONAMIDE see: DA9380000
BENZENESULFONAMIDE, 4-ACETYL-N-((CYCLOHEXYLAMINO)CARBONYL)- see: YR7350000

DA9440000 BENZENESULFONAMIDE, p-(3-AMIDINOGUANIDINO)-N,N-DIETHYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 348.90 MOLFM: C12-H20-N6-O2-S Cl-H
SYN: p-(3-AMIDINOGUANIDINO)-N,N-DIETHYLBENZENESULFONAMIDE MONOHYDROCHLORIDE * BIGUANIDE, 1-(p-N,N-DIETHYLSULFAMOYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:168 mg/kg — JAJAAA 18,196,65

DA9440100 BENZENESULFONAMIDE, p-(3-AMIDINOGUANIDINO)-N,N-DIMETHYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 320.84 MOLFM: C10-H16-N6-O2-S Cl-H
SYN: p-(3-AMIDINOGUANIDINO)-N,N-DIMETHYLBENZENESULFONAMIDE MONOHYDROCHLORIDE * BIGUANIDE, 1-(p-N,N-DIMETHYLSULFAMOYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:168 mg/kg — JAJAAA 18,196,65

DA9440300 BENZENESULFONAMIDE, p-(3-AMIDINOGUANIDINO)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 292.78 MOLFM: C8-H12-N6-O2-S Cl-H
SYN: p-(3-AMIDINOGUANIDINO)BENZENESULFONAMIDE MONOHYDROCHLORIDE * BIGUANIDE, 1-(p-SULFAMOYLPHENYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:730 mg/kg — JAJAAA 18,196,65
BENZENESULFONAMIDE, p-AMINO- see: WO8400000
BENZENESULFONAMIDE, N-(5-AMINO-1-(CHLOROACETYL)PENTYL)-4-METHYL-, (S)- (9CI) see: XT5150000

DA9465200 BENZENESULFONAMIDE, 4-AMINO-5-CHLORO-N-(4-(DIETHYLAMINO)-1-METHYLBUTYL)-2-METHOXY-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 65456-62-4 MW: 414.44 MOLFM: C16-H28-Cl-N3-O3-S Cl-H
SYN: 4-AMINO-5-CHLORO-N-(4-(DIETHYLAMINO)-1-METHYLBUTYL)-2-METHOXY-BENZENESULFONAMIDE HCl
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:35 mg/kg — EJMCA5 12,421.77

DA9465250 BENZENESULFONAMIDE, 4-AMINO-5-CHLORO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-N-METHYL-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 65456-63-5 MW: 400.41 MOLFM: C15-H26-Cl-N3-O3-S Cl-H
SYN: 4-AMINO-5-CHLORO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-N-METHYL BENZENESULFONAMIDE HCl
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:45 mg/kg — EJMCA5 12,421.77

DA9465270 BENZENESULFONAMIDE, 4-AMINO-5-CHLORO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 62564-26-5 MW: 386.38 MOLFM: C14-H24-Cl-N3-O3-S Cl-H
SYN: 4-AMINO-5-CHLORO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:117 mg/kg — EJMCA5 12,421.77

DA9465350 BENZENESULFONAMIDE, 4-AMINO-5-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)-2-METHOXY-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 62564-21-0 MW: 344.29 MOLFM: C11-H18-Cl-N3-O3-S Cl-H
SYN: 4-AMINO-5-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)-2-METHOXY BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:97 mg/kg — EJMCA5 12,421.77

DA9465400 BENZENESULFONAMIDE, 4-AMINO-5-CHLORO-N-(3-(DIMETHYLAMINO)PROPYL)-2-METHOXY-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 62564-25-4 MW: 358.32 MOLFM: C12-H20-Cl-N3-O3-S Cl-H
SYN: 4-AMINO-5-CHLORO-N-(3-(DIMETHYLAMINO)PROPYL)-2-METHOXY-BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:180 mg/kg — EJMCA5 12,421.77

DA9465600 BENZENESULFONAMIDE, 4-AMINO-5-CHLORO-2-METHOXY-N-(2-(1-PIPERIDINYL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 62564-24-3 MW: 384.36 MOLFM: C14-H22-Cl-N3-O3-S Cl-H
SYN: 4-AMINO-5-CHLORO-2-METHOXY-N-(2-(1-PIPERIDINYL)ETHYL)-BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:69 mg/kg — EJMCA5 12,421.77

DA7465650 BENZENESULFONAMIDE, 4-AMINO-5-CHLORO-2-METHOXY-N-(3-(1-PIPERIDINYL)PROPYL)-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 62564-27-6 MW: 398.39 MOLFM: C15-H24-Cl-N3-O3-S Cl-H
SYN: 4-AMINO-5-CHLORO-2-METHOXY-N-(3-(1-PIPERIDINYL)PROPYL)-BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:98 mg/kg — EJMCA5 12,421.77

BENZENESULFONAMIDE, 4-AMINO-N-(DIAMINOMETHYLENE)- see: WO8575000

DA9491000 BENZENESULFONAMIDE, 4-AMINO-N-(2-(DIETHYLAMINO)ETHYL)-2-METHOXY-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 62564-12-9 MW: 337.91 MOLFM: C13-H23-N3-O3-S Cl-H
SYN: 4-AMINO-N-(2-(DIETHYLAMINO)ETHYL)-2-METHOXY-BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:138 mg/kg — EJMCA5 12,421.77

DA9491200 BENZENESULFONAMIDE, 4-AMINO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-
UPDT:8311 CAS: 62564-09-4 MW: 315.48 MOLFM: C14-H25-N3-O3-S
SYN: 4-AMINO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-BENZENESULFONAMIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:69 mg/kg — EJMCA5 12,421.77

BENZENESULFONAMIDE, 4-AMINO-N-(2,6-DIMETHOXY-4-PYRIMIDINYL)- (9CI) see: WO9030000

DA9495000 BENZENESULFONAMIDE, 4-AMINO-N-(4,6-DIMETHOXY-2-PYRIMIDINYL)-
UPDT:8411 CAS: 155-91-9 MW: 310.36 MOLFM: C12-H14-N4-O4-S
SYN: 2-p-AMINOBENZENESULPHONAMIDO-4,6-DIMETHOXYPYRIMIDINE * 4-AMINO-N-(4,6-DIMETHOXY-2-PYRIMIDINYL)BENZENESULFONAMIDE * N(sup 1)-(4,6-DIMETHOXYPYRIMIDIN-2-YL)SULFANILAMIDE * ICI 3435 * SDmP * SULFANILAMIDE N(sup 1)-(4,6-DIMETHOXY-2-PYRIMIDINYL) * SULPHADIMETHOXYPYRIMIDINE * SULPHAMOPRINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T86 orl-rat TDLo:538 mg/kg (1-22D preg/21D post) — BJPCAL 23,305.64
2T46T71 orl-rat TDLo:1 gm/kg (14D preg) — BJPCAL 23,305.64
1T76 orl-rat TDLo:825 mg/kg (1-22D preg/21D post) — BJPCAL 23,305.64
1T44 orl-rat TDLo:500 mg/kg (11-20D preg) — EXPEAM 21,151.65
2T71T76 orl-mus TDLo:2520 mg/kg (1-22D preg/21D post) — BJPCAL 23,305.64
3T42T43T46 orl-mus TDLo:2520 mg/kg (1-22D preg/21D post) — BJPCAL 23,305.64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DA9500000 BENZENESULFONAMIDE, 4-AMINO-N-(5,6-DIMETHOXY-4-PYRIMIDINYL)-
UPDT:8403 CAS: 2447-57-6 MW: 310.36 MOLFM: C12-H14-N4-O4-S
SYN: 6-(4-AMINOBENZENESULFONAMIDO)-4,5-DIMETHOXYPYRIMIDINE * 4-AMINO-N-(5,6-DIMETHOXY-4-PYRIMIDINYL)BENZENESULFONAMIDE * N'-(5,6-DIMETHOXY-4-PYRIMIDYL)SULFANILAMIDE * FANASIL * FANZIL * RO 4-4393 * SULFADOXINE * 4-SULFANILAMIDO-5,6-DIMETHOXYPYRIMIDINE * SULFORTHOMIDINE * SULPHORMETHOXINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5200 mg/kg — MEIEDD 10,1276,83
* ipr-mus LD50:2900 mg/kg — MEIEDD 10,1276,83
* scu-mus LD50:2900 mg/kg — MEIEDD 10,1276,83
BENZENESULFONAMIDE, 4-AMINO-N-(3,4-DIMETHYL-5-ISOXAZOLYL)- see: WO9100000
BENZENESULFONAMIDE, 4-AMINO-N-(4,5-DIMETHYL-2-OXAZOLYL)- (9CI) see: WO9150000

DA9501600 BENZENESULFONAMIDE, 4-AMINO-N-(4,5-DIMETHYL-2-OXAZOLYL)-, mixt. with 5-((3,4,5-TRIMETHOXYPHENYL)METHYL)-2,4-PYRIMIDINEDIAMINE
UPDT:8407 CAS: 57197-43-0 MW: 557.69 MOLFM: C14-H18-N4-O3 C11-H13-N3-O3-S
SYN: CN 3123 * CO-FRAM * CO-TRIFAMOLE * NEVIN * NEVIN (MIXTURE) * SULFAMOXOLE and TRIMETHOPRIM * SULFAMOXOLE TRIMETHOPRIM mixture * SUPRISTOL * TRIMETHOPRIM and SULFAMOXOLE * TRIMETHOPRIM-SULFAMOXOLE mixture
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T34T46 orl-rat TDLo:3360 mg/kg (8-15D preg) — ARZNAD 26,643.76
1T81 orl-rat TDLo:21 gm/kg (16-22D preg/28D post) — ARZNAD 26,643.76
TOXICITY DATA AND REFERENCES:
3F17J22K30 orl-rat LD50:14 gm/kg — ARZNAD 26,634.76
3F23J22K30 ipr-rat LD50:2000 mg/kg — ARZNAD 26,634.76
3F12F17K30 ipr-mus LD50:1870 mg/kg — ARZNAD 26,634.76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENESULFONAMIDE, 4-AMINO-N-(2,6-DIMETHYL-4-PYRIMIDINYL)-(9CI) see: WO9270000
BENZENESULFONAMIDE, 4-AMINO-N-(4,6-DIMETHYL-2-PYRIMIDINYL)- see: WO5275000
BENZENESULFONAMIDE, 4-AMINO-N-(2,6-DIMETHYL-4-PYRIMIDINYL)-, MONOSODIUM SALT (9CI) see: WO9280000
BENZENESULFONAMIDE, 4-AMINO-N-(5-ETHYL-1,3,4-THIADIAZOL-2-YL)-, MONOSODIUM SALT (9CI) see: WO9500000
BENZENESULFONAMIDE, 4-AMINO-N-(6-METHOXY 2-METHYL-4-PYRIMIDINYL)- (9CI) see: WP0110000
BENZENESULFONAMIDE, 4-AMINO-N-(3-METHOXYPYRAZINYL)- see: WP0175000
BENZENESULFONAMIDE, 4-AMINO-N-(5-METHYL-3-ISOXAZOLYL)- see: WP0700000
BENZENESULFONAMIDE, 4-AMINO-N-(5-METHYL-3-ISOXAZOYL)- (9CI) see: WP0700000
BENZENESULFONAMIDE, 4-(AMINOMETHYL)-, MONOACETATE (9CI) see: XT5250000
BENZENESULFONAMIDE, 4-AMINO-N-(4-METHYL-2-PYRIMIDINYL)- see: WP0750000
BENZENESULFONAMIDE, 4-AMINO-N-(4-METHYL-2-PYRIMIDINYL)-, MONOSODIUM SALT (9CI) see: WP0760000

DA9520000 BENZENESULFONAMIDE, 4-AMINO-N-(1-PHENYL-1H-PYRAZOL-5-YL)-
UPDT:8308 CAS: 526-08-9 MW: 314.39 MOLFM: C15-H14-N4-O2-S
SYN: 3-(p-AMINOBENZENESULFONAMIDO)-2-PHENYLPYRAZOLE * 4-AMINO-N-(1-PHENYL-1H-PYRAZOL-5-YL)BENZENESULFONAMIDE * DEPOCID * DEPOTSULFONAMIDE * EFTOLON * FIRMAZOLO * INAMIL * ISAROL * MERIAN * MICROTAN PIRAZOLO * ORISIL * ORISULF * PAIDAZOLO * N-(1-PHENYLPYRAZOL-5-YL)SULFANILAMIDE * 1-PHENYL-5-SULFANILAMIDOPYRAZOLE * PLISULFAN * RAZIOSULFA * SP * SPP * SULFABID * SULFAPENAZOLO (Italian) * SULFANILAMIDE, N(sup 1)-(1-PHENYLPYRAZOL-5-YL)- (8CI) * 5-SULFANILAMIDO-1-PHENYLPYRAZOLE * SULFAPHENAZOLE * SULFAPHENAZON * SULFAPHENYLPIPAZOL * SULFAPHENYLPYRAZOLE * SULPHENAZOLE
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:900 mg/kg — NIIRDN 6,387.82
* ivn-rat LD50:525 mg/kg — NIIRDN 6,387.82
* orl-mus LD50:4507 mg/kg — NIIRDN 6,387.82
* scu-mus LD50:660 mg/kg — NIIRDN 6,387.82
* ivn-mus LD50:470 mg/kg — NIIRDN 6,387.82
* scu-rbt LD50:950 mg/kg — NIIRDN 6,387.82
* ivn-rbt LD50:440 mg/kg — NIIRDN 6,387.82

DA9625000 BENZENESULFONAMIDE, 4-AMINO-N-(2-PYRIDINYL)-
UPDT:8401 CAS: 144-83-2 MW: 249.31 MOLFM: C11-H11-N3-O2-S
SYN: ADIPLON * COCCOCLASE * DAGENAN * EUBASIN * EUBASINUM * HAPTOCIL * M & B 693 * PIRIDAZOL * PLURAZOL * N-2-PYRIDYLSULFANILAMIDE * N(sup 1)-2-PYRIDYLSULFANILAMIDE * RELBAPIRIDINA * RONIN * SEPTIPULMON * STREPTOSUPYRIDINE * SULFANILAMIDE N(sup 1)-2-PYRIDYL * 2-SULFANILYL AMINOPYRIDINE * SULFAPYRIDINE * 2-SULFAPYRIDINE * SULFIDINE * THIOSEPTAL * TRIANON
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-rat TDLo:135 mg/kg/9W-I — PSEBAA 68,330.48
TOXICITY DATA AND REFERENCES:
1M30 orl-rat LDLo:30 gm/kg — AIPTAK 62,281.39
2F13F19 orl-mus LDLo:10 gm/kg — AIPTAK 62,281.39
ivn-dog LDLo:500 mg/kg — JPETAB 67,454.39
1M30 orl-rbt LDLo:20 gm/kg — AIPTAK 62,281.39
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMSHAO 10,343.43

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENESULFONAMIDE, 4-AMINO-N-2-PYRIDINYL-, MONOSODIUM SALT (9CI) see: WD7175000
BENZENESULFONAMIDE, 4-AMINO-N-2-PYRIMIDINYL- see: WP1925000
BENZENESULFONAMIDE, 4-AMINO-N-2-PYRIMIDINYL-, MONOSODIUM SALT see: WP2000000

DA9700000 BENZENESULFONAMIDE, 4-AMINO-N-2-QUINOXALINYL-, mixt. with 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)- 2H-1-BENZOPYRAN-2-ONE
UPDT:8408 MW: 608.71 MOLFM: C19-H16-O4 C14-H12-N4-O2-S
SYN: MR-100 * PROLIN
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:44 mg/kg IJEBA6 11,27,73

DA9800000 BENZENESULFONAMIDE, p-((4-AMINO-m-TOLYL)AZO)-
UPDT:8401 CAS: 63019-42-1 MW: 290.37 MOLFM: C13-H14-N4-O2-S
SYN: 4-SULFONAMIDO-3'-METHYL-4'-AMINOAZOBENZENE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:20 gm/kg/87W-C BJCAAI 10,129,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB0175000 BENZENESULFONAMIDE, N-4-BIPHENYLYL-
UPDT:8401 CAS: 13607-48-2 MW: 309.40 MOLFM: C18-H15-N-O2-S
SYN: N-4-BIPHENYLYLBENZENESULFONAMIDE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 ipr-rat TDLo:634 mg/kg/4W-I CNREA8 30,1485,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB0350000 BENZENESULFONAMIDE, N-4-BIPHENYLYL-N-HYDROXY-
UPDT:8401 CAS: 29968-08-1 MW: 325.40 MOLFM: C18-H15-N-O3-S
SYN: N-4-BIPHENYLYL-N-HYDROXYBENZENESULFONAMIDE * HYDROXY-4-BIPHENYLYLBENZENESULFONAMIDE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 ipr-rat TDLo:618 mg/kg/4W-I CNREA8 30,1485,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENESULFONAMIDE, N-((BUTYLAMINO)CARBONYL)-4-METHYL- see: YS4550000

DB1290000 BENZENESULFONAMIDE, N-(5-tert-BUTYL-1,3,4-THIADIAZOL-2-YL)-
UPDT:8302 CAS: 1492-02-0 MW: 297.42 MOLFM: C12-H15-N3-O2-S2
SYN: AN 1324 * 2-BENZENESULFONAMIDO-5-tert-BUTYL-1,3,4-THIADIAZOLE * 2-BENZENESULFONAMIDO-5-TERTIOBUTYL-1-THIA-3,4-DIAZOLE * N-(5-tert-BUTYL-1,3,4-THIADIAZOL-2-YL)BENZENESULFONAMIDE * DESAGIYBUZOLE * GLUDIASE * GLYBUTOLE * RP 7891 * TH-1395
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T4LT42T43 orl-mus TDLo:2100 mg/kg (7-13D preg) YIKUAO 18,21,69
1T35 orl-mus TDLo:2100 mg/kg (7-13D preg) YIKUAO 18,21,69
2T34T46 orl-mus TDLo:1050 mg/kg (7-13D preg) YIKUAO 18,21,69
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg YIKUAO 18,21,69
* ipr-rat LD50:219 mg/kg YIKUAO 18,21,69
* scu-rat LD50:310 mg/kg YIKUAO 18,21,69
* orl-mus LD50:730 mg/kg YIKUAO 18,21,69
* ipr-mus LD50:235 mg/kg YIKUAO 18,21,69
* scu-mus LD50:248 mg/kg YIKUAO 18,21,69
* ivn-mus LD50:193 mg/kg YIKUAO 18,21,69
* orl-rbt LD50:967 mg/kg YIKUAO 18,21,69
* ipr-rbt LD50:300 mg/kg YIKUAO 18,21,69
* ivn-rbt LD50:118 mg/kg YIKUAO 18,21,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB1295000 BENZENESULFONAMIDE, N-(5-tert-BUTYL-1,3,4-THIADIAZOL-2-YL)-p-CHLORO-
UPDT:8312 CAS: 1553-52-2 MW: 331.86 MOLFM: C12-H14-Cl-N3-O2-S2
SYN: BENZENESULFONAMIDE, 4-CHLORO-N-(5-(1,1-DIMETHYLETHYL)-1,3,4-THIADIAZOL-2-YL)- * N-(5-tert-BUTYL-1,3,4-THIADIAZOL-2-YL)-p-CHLOROBENZENESULFONAMIDE * (CHLORO-4 BENZENE SULFONAMIDO)-2 tert-BUTYL-5 THIADIAZOL-1,3,4 (French) * TH 1391 * 1391 TH
TOXICITY DATA AND REFERENCES:
1F13 orl-mus LD50:561 mg/kg APFRAD 23,411,65

DB1540400 BENZENESULFONAMIDE, 5-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-2-METHOXY-, MONOMETHANESULFONATE
UPDT:8311 CAS: 62833-49-2 MW: 416.98 MOLFM: C13-H21-Cl-N2-O3-S, C-H4-O3-S
SYN: 5-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-2-METHOXY-BENZENESULFONAMIDE MONOMETHANESULFONATE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:126 mg/kg EJMCA5 12,421,77

DB1542000 BENZENESULFONAMIDE, 5-CHLORO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-
UPDT:8311 CAS: 62564-32-3 MW: 334.90 MOLFM: C14-H23-Cl-N2-O3-S
SYN: 5-CHLORO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-BENZENESULFONAMIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:126 mg/kg EJMCA5 12,421,77

DB1542100 BENZENESULFONAMIDE, 5-CHLORO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-4-NITRO-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 62564-19-6 MW: 416.36 MOLFM: C14-H22-Cl-N3-O5-S, Cl-H
SYN: 5-CHLORO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-4-NITRO-BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:162 mg/kg EJMCA5 12,421,77

BENZENESULFONAMIDE, 2-CHLORO-5-(2,3-DIHYDRO-1-HYDROXY-3-OXO-1H-ISOINDOL-1-YL)- (9CI) see: DB1556000

DB1548000 BENZENESULFONAMIDE, 5-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)-2-METHOXY-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 62833-47-0 MW: 329.27 MOLFM: C11-H17-Cl-N2-O3-S, Cl-H
SYN: 5-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)-2-METHOXY-BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:126 mg/kg EJMCA5 12,421,77

BENZENESULFONAMIDE, 4-CHLORO-N-(5-(1,1-DIMETHYLETHYL)-1,3,4-THIADIAZOL-2-YL)- see: DB1295000

DB1556000 BENZENESULFONAMIDE, 2-CHLORO-5-(1-HYDROXY-3-OXO-1-ISOINDOLINYL)-
UPDT:8303 CAS: 77-36-1 MW: 338.78 MOLFM: C14-H11-Cl-N2-O4-S
SYN: BENZENESULFONAMIDE, 2-CHLORO-5-(2,3-DIHYDRO-1-HYDROXY-3-OXO-1H-ISOINDOL-1-YL)- (9CI) * CHLOROTHALIDONE * CHLORPHTHALIDOLONE * CHLORPHTHALIDONE * CHLORTALIDONE * CHLORTHALIDON * CHLORTHALIDONE * G 33182 * HYGROTON * IGROTON * ISOREN * NATHURAN * ORADIL * OXODOLIN * PHTHALAMODINE * PHTHALAMUDINE * RENON * SALURETIN * ZAMBESIL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T04 orl-mus TDLo:30 mg/kg (3W male) BMJOAE 2(1),714,80
1T25 orl-mus TDLo:2200 mg/kg (2-12D preg) MPHEAE 12,345,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZENESULFONAMIDE, 2-CHLORO-N-((4-METHOXY-6-METHYL-1,3,5-TRIAZIN-2-YL)AMINO)CARBONYL)- see: YS6640000

DB1556600 BENZENESULFONAMIDE, 5-CHLORO-2-METHOXY-4-NITRO-N-(2-(1-PIPERIDINYL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8402 CAS: 62564-17-4 MW: 414.34 MOLFM: C14-H20-Cl-N3-O5-S, Cl-H
SYN: 5-CHLORO-2-METHOXY-4-NITRO-N-(2-(1-PIPERIDINYL)ETHYL)-BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:134 mg/kg EJMCA5 12,421,77

DB1575000 BENZENESULFONAMIDE, 4-(((4-CHLOROPHENYL)METHYLENE)AMINO)-N-(2-(1H-TETRAZOL-5-YL)ETHYL)-N-2- THIAZOLYL-
UPDT:8309 CAS: 78311-69-0 MW: 473.99 MOLFM: C19-H16-Cl-N7-O2-S2
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1000 mg/kg INDRBA 18,138,81

DB1577000 BENZENESULFONAMIDE, p-(2-CHLORO-4-PIPERIDINO-2-BUTENYL)-, HYDROCHLORIDE
UPDT:8302 CAS: 3455-88-7 MW: 365.35 MOLFM: C15-H21-Cl-N2-O2-S, Cl-H
SYN: p-(2-CHLORO-4-PIPERIDINO-2-BUTENYL)BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:215 mg/kg RPTOAN 40,69,77
ipr-mus LD50:215 mg/kg RPTOAN 40,69,77

DB1580000 BENZENESULFONAMIDE, p-(2-CHLORO-4-PIPERIDINO-2-BUTENYL)-N-(2-THIAZOLYL)-, HYDROCHLORIDE
UPDT:8302 CAS: 73688-96-7 MW: 448.46 MOLFM: C18-H22-Cl-N3-O2-S2, Cl-H
SYN: p-(2-CHLORO-4-PIPERIDINO-2-BUTENYL)-N-(2-THIAZOLYL)BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:185 mg/kg RPTOAN 40,69,77
ipr-mus LD50:185 mg/kg RPTOAN 40,69,77
BENZENESULFONAMIDE, 4-CHLORO-N-((PROPYLAMINO)CARBONYL)- see: YS6650000
BENZENESULFONAMIDE, 2-CHLORO-5-(1H-TETRAZOL-5-YL)-4-((2-THIENYLMETHYL)AMINO)- (9CI) see: WO8900000

DB1584500 BENZENESULFONAMIDE, N-((CYCLOHEXYLAMINO)CARBONYL)-4-(2-(3,4-DIHYDRO-7-METHOXY-4,4-DIMETHYL- 1,3-DIOXO-2(1H)-ISOQUINOLINYL)ETHYL)-, SODIUM SALT
UPDT:8408 CAS: 62783-47-5 MW: 549.67 MOLFM: C27-H32-N3-O6-S, Na
SYN: AR-DF 26 SODIUM * GLIQUIDONE SODIUM * GLURENORM SODIUM
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:234 mg/kg USXXAM #3708486

DB1936000 BENZENESULFONAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-2-METHOXY-4-NITRO-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 62563-96-6 MW: 367.89 MOLFM: C13-H21-N3-O5-S, Cl-H
SYN: N-(2-(DIETHYLAMINO)ETHYL)-2-METHOXY-4-NITRO BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:200 mg/kg EJMCA5 12,421,77

DB2100000 BENZENESULFONAMIDE, p-((p-(DIMETHYLAMINO)PHENYL)AZO)-
UPDT:8401 CAS: 2435-64-5 MW: 304.40 MOLFM: C14-H16-N4-O2-S
SYN: 4-SULFONAMIDE-4'-DIMETHYLAMINOAZOBENZENE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:15 gm/kg/55W-C BJCAAI 10,129,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB2150000 BENZENESULFONAMIDE, 4-(((4-(DIMETHYLAMINO)PHENYL)METHYLENE)AMINO)-N-(4,6-DIMETHYL- 2-PYRIMIDINYL)-N-(2-(1H-TETRAZOL-5-YL)ETHYL)-
UPDT:8309 CAS: 78311-82-7 MW: 505.66 MOLFM: C24-H27-N9-O2-S
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:780 mg/kg INDRBA 18,138,81

DB2160000 BENZENESULFONAMIDE, 4-(((4-(DIMETHYLAMINO)PHENYL)METHYLENE)AMINO)-N-(4-METHYL-2-PYRIMIDINYL)- N-(2-(1H-TETRAZOL-5-YL)ETHYL)-
UPDT:8309 CAS: 78311-76-9 MW: 491.63 MOLFM: C23-H25-N9-O2-S
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:850 mg/kg INDRBA 18,138,81

DB2170000 BENZENESULFONAMIDE, 4-(((4-(DIMETHYLAMINO)PHENYL)METHYLENE)AMINO)-N-(2-(1H-TETRAZOL-5-YL) ETHYL)-N-2-THIAZOLYL-
UPDT:8309 CAS: 78311-70-3 MW: 482.63 MOLFM: C21-H22-N8-O2-S2
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:700 mg/kg INDRBA 18,138,81

DB2370000 BENZENESULFONAMIDE, N-(4,6-DIMETHYL-2-PYRIMIDINYL)-4-(((2-HYDROXYPHENYL)METHYLENE)AMINO)-N- (2-(1H-TETRAZOL-5-YL)ETHYL)-
UPDT:8309 CAS: 78311-80-5 MW: 478.58 MOLFM: C22-H22-N8-O3-S
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:900 mg/kg INDRBA 18,138,81

DB2371000 BENZENESULFONAMIDE, N-(4,6-DIMETHYL-2-PYRIMIDINYL)-4-(((4-HYDROXYPHENYL)METHYLENE)AMINO)-N- (2-(1H-TETRAZOL-5-YL)ETHYL)-
UPDT:8309 CAS: 78311-79-2 MW: 478.58 MOLFM: C22-H22-N8-O3-S
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1000 mg/kg INDRBA 18,138,81

DB2378000 BENZENESULFONAMIDE, p-(3,3-DIMETHYL-1-TRIAZENO)-
UPDT:8308 CAS: 55469-64-2 MW: 228.30 MOLFM: C8-H12-N4-O2-S
SYN: BENZENESULFONAMIDE 4-(3,3-DIMETHYL-1-TRIAZENYL)- * p-(3,3-DIMETHYL-1-TRIAZENO)BENZENESULFONAMIDE
MUTATION DATA AND REFERENCES:
mma-sat 324 umol/L JMCMAR 22,473,79

BENZENESULFONAMIDE, 4-(3,3-DIMETHYL-1-TRIAZENYL)- see: DB2378000
BENZENESULFONAMIDE, N-ETHYL-p-HYDROXY-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TF6900000

DB2625000 BENZENESULFONAMIDE, 2-FLUORENYL-N-HYDROXY-
UPDT:8401 CAS: 26630-60-4 MW: 337.41 MOLFM: C19-H15-N-O3-S
SYN: N-HYDROXY-N-FLUORENYLBENZENE SULFONAMIDE * N-HYDROXY-2-FLUORENYLBENZENESULFONAMIDE
TUMORIGENIC DATA AND REFERENCES:
3V01L60R60 orl-rat TDLo:3660 mg/kg/29W CNREA8 31,778,71
2V01R60 ipr-rat TDLo:192 mg/kg/4W-I CNREA8 30,1485,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZENESULFONAMIDE, N-(((HEXAHYDRO-1H-AZEPIN-1-YL)-AMINO)CARBONYL)-4-METHYL- see: YT4400000
BENZENESULFONAMIDE, p-HYDROXY-, DIETHYL PHOSPHATE see: TC0820000
BENZENESULFONAMIDE, p-HYDROXY-, DIMETHYL PHOSPHATE see: TC3150000
BENZENESULFONAMIDE, p-HYDROXY-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TF7525000
BENZENESULFONAMIDE, p-HYDROXY-N-ISOPROPYL-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TF7700000

DB2735000 BENZENESULFONAMIDE, 4-(((2-HYDROXYPHENYL)METHYLENE)AMINO)-N-(4-METHYL-2-PYRIMIDINYL)-N- (2-(1H-TETRAZOL-5-YL)ETHYL)-
UPDT:8309 CAS: 78311-74-7 MW: 464.55 MOLFM: C21-H20-N8-O3-S
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:900 mg/kg INDRBA 18,138,81

BEST COPY AVAILABLE

DB2736000 BENZENESULFONAMIDE, 4-(((4-HYDROXYPHENYL)METHYLENE)AMINO)-N-(4-METHYL-2-PYRIMIDINYL)-N- (2-(1H-TETRAZOL-5-YL)ETHYL)-
UPDT.8309 CAS: 78311-73-6 MW: 484.55 MOLFM: C21-H20-N8-O3-S
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1000 mg/kg INDRBA 18,138,81
DB2737000 BENZENESULFONAMIDE, 4-(((2-HYDROXYPHENYL)METHYLENE)AMINO)-N-(2-(1H-TETRAZOL-5-YL)ETHYL)-N- 2-THIAZOLYL-
UPDT.8309 CAS: 78311-68-9 MW: 455.55 MOLFM: C19-H17-N7-O3-S2
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:880 mg/kg INDRBA 18,138,81
DB2738000 BENZENESULFONAMIDE, 4-(((4-HYDROXYPHENYL)METHYLENE)AMINO)-N-(2-(1H-TETRAZOL-5-YL)ETHYL)- N-2-THIAZOLYL-
UPDT.8309 CAS: 78311-67-8 MW: 455.55 MOLFM: C19-H17-N7-O3-S2
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:650 mg/kg INDRBA 18,138,81
DB2780000 BENZENESULFONAMIDE, N-(5-ISOBUTYL-1,3,4-THIADIAZOL-2-YL)-p-METHOXY-
UPDT.8310 CAS: 3567-08-6 MW: 327.45 MOLFM: C13-H17-N3-O3-S2
SYN: 2-(p-ANISYLSULFONAMIDO)-5-ISOBUTYL-1,3,4-THIADIAZOLE * FWH-114 * 5-ISOBUTYL-2-p-METHOXYBENZENESULFONAMIDO-1,3,4-THIADIAZOLE * ISOBUZOLE * 2-(p-METHOXYBENZENESULFONAMIDO)-5-ISOBUTYL-1,3,4-THIADIAZOLE * STABINOL * 1,3,4-THIADIAZOLE, 5-ISOBUTYL-2-(p-METHOXYBENZENESULFONAMIDO)-
TOXICITY DATA AND REFERENCES:
orl-rat LD50:534 mg/kg TXAPA9 8,13,66
orl-mus LD50:468 mg/kg TXAPA9 8,13,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, ADCSAJ 13,271,70
DB2795000 BENZENESULFONAMIDE, N-(1-((ISOPROPYLIDENEAMINO)OXY)-2,2,2-TRICHLOROETHYL-
UPDT.8312 MW: 359.67 MOLFM: C11-H13-Cl3-N2-O3-S
SYN: O-(1-BENZENESULFONAMIDO-2,2,2-TRICHLOROETHYL)ACETOXIME * N-(1-((ISOPROPYLIDENEAMINO)OXY)-2,2,2-TRICHLOROETHYL)BENZENESULFONAMIDE
TOXICITY DATA AND REFERENCES:
3F17F25U26 ipr-mus LD50:600 mg/kg PCJOAU 16,899,82
BENZENESULFONAMIDE, N-(2-MERCAPTOETHYL)-, S-ESTER with O,O-DIISOPROPYLPHOSPHORODITHIOATE see: TE0250000
DB2920000 BENZENESULFONAMIDE, N-(5-(2-METHOXYETHOXY)-2-PYRIMIDINYL)-, SODIUM SALT
UPDT.8405 CAS: 3459-20-9 MW: 331.35 MOLFM: C13-H14-N3-O4-S-Na
SYN: 2-BENZENESULFONAMIDO-5-(beta-METHOXYETHOXY)PYRIMIDINE SODIUM SALT * GLYCODIAZINE SODIUM SALT * GLYCONORMAL * GLYMIDINE SODIUM SALT * GONDAFON * LYCANOL * N-(5-(2-METHOXYETHOXY)-2-PYRIMIDINYL)BENZENESULFONAMIDE SODIUM SALT * REDUL * SH 712
TOXICITY DATA AND REFERENCES:
3F11F12N22 orl-rat LD50:2850 mg/kg ARZNAD 14,377,64
" ipr-rat LD50:3120 mg/kg NIIRDN 6,221,82
" scu-rat LD50:2800 mg/kg NIIRDN 6,221,82
3F11F12N22 ivn-rat LD50:2000 mg/kg ARZNAD 14,377,64
3F11F12N22 orl-mus LD50:5300 mg/kg ARZNAD 14,377,64
" ipr-mus LD50:3210 mg/kg NIIRDN 6,221,82
" scu-mus LD50:3340 mg/kg NIIRDN 6,221,82
3F11F12N22 ivn-mus LD50:1480 mg/kg ARZNAD 14,377,64
BENZENESULFONAMIDE, 2-METHYL- see: XT4900000
DB2943000 BENZENESULFONAMIDE, N-METHYL-N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)-
UPDT.8406 MW: 316.40 MOLFM: C16-H16-N2-O3-S
SYN: N-METHYL-N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)BENZENESULFONAMIDE
TOXICITY DATA AND REFERENCES:
" orl-mus LD50:1000 mg/kg FRPSAX 38,199,83
DB2945000 BENZENESULFONAMIDE, p-(2-METHYL-4-PIPERIDINO-2-BUTENYL)-, HYDROCHLORIDE
UPDT.8307 CAS: 22384-84-5 MW: 344.94 MOLFM: C16-H24-N2-O2-S-Cl-H
SYN: p-(2-METHYL-4-PIPERIDINO-2-BUTENYL)BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
" ipr-rat LD50:225 mg/kg RPTOAN 40,69,77
ipr-mus LD50:225 mg/kg RPTOAN 40,69,77
DB2947500 BENZENFSULFONAMIDE, p-(2-METHYL-4-PIPERIDINO-2-BUTENYL)-N-(2-THIAZOLYL)-, HYDROCHLORIDE
UPDT.8307 CAS: 73688-97-8 MW: 428.05 MOLFM: C19-H25-N3-O2-S2-Cl-H
SYN: p-(2-METHYL-4-PIPERIDINO-2-BUTENYL)-N-(2-THIAZOLYL)BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
" ipr-rat LD50:125 mg/kg RPTOAN 40,69,77
ipr-mus LD50:125 mg/kg RPTOAN 40,69,77
DB2948000 BENZENESULFONAMIDE, N-(4-METHYL-2-PYRIMIDINYL)-4-((PHENYLMETHYLENE)AMINO)-N- (2-(1H-TETRAZOL-5-YL)ETHYL)-
UPDT.8309 CAS: 78311-72-5 MW: 448.55 MOLFM: C21-H20-N8-O2-S
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1000 mg/kg INDRBA 18,138,81
DB3052000 BENZENESULFONAMIDE, N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)-
UPDT.8406 MW: 302.37 MOLFM: C15-H14-N2-O3-S
SYN: N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)BENZENESULFONAMIDE
TOXICITY DATA AND REFERENCES:
" orl-mus LD50:1000 mg/kg FRPSAX 38,199,83
DB3056000 BENZENESULFONAMIDE, 4-((PHENYLMETHYLENE)AMINO)-N-(2-(1H-TETRAZOL-5-YL)ETHYL)-N-2-THIAZOLYL-
UPDT.8309 CAS: 78311-66-7 MW: 439.55 MOLFM: C19-H17-N7-O2-S2
SYN: 4-((PHENYLMETHYLENE)AMINO)-N-(2-(1H-TETRAZOL-5-YL)ETHYL)-N-2-THIAZOLYLBENZENESULFONAMIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:800 mg/kg INDRBA 18,138,81
DB3075000 BENZENESULFONAMIDE, p-(4-PIPERIDINO-2-BUTENYL)-, HYDROCHLORIDE
UPDT.8307 CAS: 22384-81-2 MW: 330.91 MOLFM: C15-H22-N2-O2-S-Cl-H
SYN: p-(4-PIPERIDINO-2-BUTENYL)BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
" ipr-rat LD50:245 mg/kg RPTOAN 40,69,77
ipr-mus LD50:245 mg/kg RPTOAN 40,69,77
DB3100000 BENZENESULFONAMIDE, p-(4-PIPERIDINO-2-BUTENYL)-N-(2-THIAZOLYL)-, HYDROCHLORIDE
UPDT.8307 CAS: 73688-62-7 MW: 414.02 MOLFM: C18-H23-N3-O2-S2-Cl-H
SYN: p-(4-PIPERIDINO-2-BUTENYL)-N-(2-THIAZOLYL)BENZENESULFONAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
" ipr-rat LD50:195 mg/kg RPTOAN 40,69,77
ipr-mus LD50:195 mg/kg RPTOAN 40,69,77
DB3183000 BENZENESULFONAMIDE, p,p'-TRIAZENYLENEDI-
UPDT.8411 MW: 355.42 MOLFM: C12-H13-N5-O4-S2
MUTATION DATA AND REFERENCES:
cyt-dmg-orl 2800 umol/L/3D-I CRNGDP 5,571,84
DB3185000 BENZENESULFONAMIDE, N,N'-(2,2,2-TRICHLOROETHYLIDENE)BIS-
UPDT.8312 MW: 443.76 MOLFM: C14-H13-Cl3-N2-O4-S2
SYN: 2,2,2-(TRICHLOROETHYLIDENE)BIS(BENZENESULFONAMIDE)
TOXICITY DATA AND REFERENCES:
3F17F25U26 ipr-mus LD50:1340 mg/kg PCJOAU 16,899,82
2-BENZENESULFONAMIDO-5-tert-BUTYL-1,3,4-THIADIAZOLE see: DB1290000
2-BENZENESULFONAMIDO-5-(beta-METHOXYETHOXY)PYRIMIDINE SODIUM SALT see: DB2920000
2-BENZENESULFONAMIDO-5-TERTIOBUTYL-1-THIA-3,4-DIAZOLE see: DB1290000
N-(1-(BENZENESULFONAMIDO)-2,2,2-TRICHLOROETHYL)ACETAMIDE see: AB4542200
O-(1-BENZENESULFONAMIDO-2,2,2-TRICHLOROETHYL)ACETOXIME see: DB2795000
N-(1-(BENZENESULFONAMIDO)-2,2,2-TRICHLOROETHYL)BENZAMIDE see: CV2345550
DB3500000 BENZENESULFONILIDE
UPDT.8401 CAS: 1678-25-7 MW: 233.30 MOLFM: C12-H11-N-O2-S
SYN: BENZENESULFANILIDE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 ipr-rat TDLo:593 mg/kg/4W-I CNREA8 30,1485,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DB3600000 BENZENESULFONANILIDE, 3',5'-DICHLORO-, AMMONIUM SILVER SALT
UPDT.8403 MW: 426.08 MOLFM: C12-H8-Cl2-N-O2-S-Ag-H3-N
SYN: 3',5'-DICHLOROBENZENESULFONANILIDE AMMONIUM SILVER SALT
TOXICITY DATA AND REFERENCES:
3F13F19J22 ipr-mus LD50:42500 ug/kg DCTODJ 6,267,83
DB3679000 BENZENESULFONANILIDE, 3',5'-DICHLORO-, SILVER TRIMETHYLPHOSPHITE SALT
UPDT.8402 MW: 501.13 MOLFM: C12-H18-Cl2-N-O2-S-Ag-C3-H9-O-P
SYN: 3',5'-DICHLOROBENZENESULFONANILIDE SILVER TRIMETHYLPHOSPHITE SALT
TOXICITY DATA AND REFERENCES:
3F13F19J22 ipr-mus LD50:79650 ug/kg DCTODJ 6,267,83
DB3700000 BENZENESULFONANILIDE, 3',5'-DICHLORO-, SODIUM SALT
UPDT.8402 MW: 324.16 MOLFM: C12-H8-Cl2-N-O2-S-Na
SYN: 3',5'-DICHLOROBENZENESULFONANILIDE SODIUM SALT
TOXICITY DATA AND REFERENCES:
3F13F19J22 ipr-mus LD50:539 mg/kg DCTODJ 6,267,83
DB3850000 BENZENESULFONANILIDE, N-HYDROXY-
UPDT.8401 CAS: 7340-50-3 MW: 249.30 MOLFM: C12-H11-N-O3-S
SYN: N-HYDROXYPHENYLBENZENESULFONAMIDE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 ipr-rat TDLo:623 mg/kg/4W-I CNREA8 30,1485,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DB3860000 BENZENESULFONANILIDE, 2',3,4',5,5',6-HEXACHLORO-2-HYDROXY-
UPDT.8308 MW: 454.93 MOLFM: C12-H4-Cl6-N-O3-S
SYN: 2',3,4',5,5',6-HEXACHLORO-2-HYDROXYBENZENESULFONANILIDE * 2-HYDROXY-2',3,4',5,5',6-HEXACHLOROBENZENESULFONANILIDE
TOXICITY DATA AND REFERENCES:
" orl-mus LD50:179 mg/kg EXPEAM 35,325,79
BENZENESULFONATE DE 4-CHLOROPHENYLE (French) see: DB5600000
BENZENE SULFONECHLORIDE see: DB8750000
DB4370000 BENZENESULFONIC ACID, ALKYL deriv.
UPDT.8411 CAS: 42615-29-2
SYN: ABS * ALKYLBENZENESULFONATE * LAS * LINEAR ALKYLBENZENE SULFONATE * LINEAR ALKYLBENZENE SULPHONATE
IRRITATION DATA AND REFERENCES:
skn-rat 5% MLD FCTXAV 18,55,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:22 gm/kg (1-22D preg) SKEZAP 9,473,68
3T34T35T46 orl-mus TDLo:100 mg/kg (6-15D preg) SKEZAP 17,295,76
1T24 skn-mus TDLo:1600 mg/kg (1D preg) TJADAB 24(1),17A,81
2T25T46 skn-mus TDLo:600 mg/kg (2-13D preg) TXCYAC 4,171,75
1T59 skn-mus TDLo:60 mg/kg (2-13D preg) TXCYAC 4,171,75
2T29T39 skn-mus TDLo:3200 mg/kg (1-4D preg) LIFSAK 26,49,80
1T34 skn-mus TDLo:2210 mg/kg (1-13D preg) SKEZAP 15,349,74
1T35 orl-rbt TDLo:3900 mg/kg (6-18D preg) TXCYAC 3,91,75
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1407 mg/kg SKEZAP 4,15,63
scu-mus LD50:1989 mg/kg SKEZAP 4,15,63
ivn-mus LD50:157 mg/kg SKEZAP 4,15,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DB4371000 BENZENESULFONIC ACID, linear ALKYL-, MAGNESIUM SALT
DEF: Linear alkyl derivative containing from C-10 to C-14 (TOIZAG 25,850,78)
UPDT.8412
SYN: LAS-Mg * LAS, MAGNESIUM SALT * LINEAR ALKYLBENZENESULFONATE MAGNESIUM SALT * MAGNESIUM LINEAR ALKYLBENZENE SULFONATE
TOXICITY DATA AND REFERENCES:
3F08F17K12 orl-rat LD50:1840 mg/kg TOIZAG 25,850,78
2F17J30 scu-rat LD50:710 mg/kg TOIZAG 25,850,78
1J30 ivn-rat LD50:27200 ug/kg TOIZAG 25,850,78
" orl-mus LD50:2108 mg/kg GISAAA 48(6),81,83
1J30 scu-mus LD50:1520 mg/kg TOIZAG 25,850,78
1J30 ivn-mus LD50:98 mg/kg TOIZAG 25,850,78
" orl-gpg LD50:1900 mg/kg GISAAA 48(6),81,83
DB4550000 BENZENESULFONIC ACID, linear ALKYL-, SODIUM SALT
UPDT.8404 CAS: 68411-30-3
SYN: linear ALKYLBENZENESULFONATE SODIUM SALT * LAS-Na * LAS, SODIUM SALT * STRAIGHT CHAIN ALKYL BENZENE SULFONATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T48T52 orl-rat TDLo:53 gm/kg (MGN) TXAPA9 18,83,71
TOXICITY DATA AND REFERENCES:
orl-rat LD50:650 mg/kg TXAPA9 7,819,65
2F17J30 scu-rat LD50:810 mg/kg TOIZAG 25,850,78
1J30 ivn-rat LD50:119 mg/kg TOIZAG 25,850,78
3F17K12J30 orl-mus LD50:2160 mg/kg TOIZAG 25,850,78
1J30 scu-mus LD50:1250 mg/kg TOIZAG 25,850,78
1J30 ivn-mus LD50:207 mg/kg TOIZAG 25,850,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DB4727000 BENZENESULFONIC ACID, ALKYL deriv. and TALLOW ALKYL ETHOXYLATE SULFATE
DEF: A mixture composed of 55% TALLOW ALKYL ETHOXYLATE SULFATE and 45% LINEAR ALKYLBENZENESULFONATE (TXCYAC 4,231,75)
UPDT.8408
SYN: LAS and TAEJS * LINEAR ALKYLBENZENE SULFONATE and TALLOW ALKYL ETHOXYLATE SULFATE * TAE3S and LAS * TALLOW ALKYL ETHOXYLATE SULFATE and LINEAR ALKYLBENZENE SULFONATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T71 orl-rat TDLo:500 mg/kg (MGN) TXCYAC 4,231,75
TOXICITY DATA AND REFERENCES:
" unk-rat LD50:3100 mg/kg TXCYAC 4,231,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

BENZENESULFONIC ACID, 2-AMINO-5-METHYL- see: XT6320000

DB5042500 BENZENESULFONIC ACID, 2-ANILINO-5-(2,4-DINITROANILINO)-, MONOSODIUM SALT
UPDT:8412 CAS: 6373-74-6 MW: 453.41 MOLFM: C18-H13-N4-O7-S Na
SYN: ACID FAST YELLOW AG * ACID FAST YELLOW E3R * ACID LEATHER LIGHT BROWN G * ACID ORANGE NO. 3 * ACID YELLOW E * AIREDALE YELLOW E * AMIDO YELLOW E * AMIDO YELLOW EA * AMIDO YELLOW EA-CF * ANTHRALAN YELLOW RRT * BENZENESULFONIC ACID 5-((2,4-DINITROPHENYL)AMINO)-2-(PHENYLAMINO)-, MONOSODIUM SALT * C.I. 10385 * C.I. ACID ORANGE 3 * DERMA YELLOW P * ERIO FAST YELLOW AE * ERIO FAST YELLOW AEN * ERIONYL YELLOW E AEN * FAST LIGHT YELLOW E * FENALAN YELLOW E * TITON FAST YELLOW A * LIGHT FAST YELLOW ES * LISSAMINE FAST YELLOW AE * NCI-C54911 * NYLOMINE ACID YELLOW B RD * SODIUM 4-(2,4-DINITROANILINO)DIPHENYLAMINE-2-SULFONATE * SUPERIAN YELLOW R * TECTILON ORANGE 3GT * TERTRACID LIGHT YELLOW 2R * VONDACID FAST YELLOW AE * XYLENE FAST YELLOW ES

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

DB5044100 BENZENESULFONIC ACID, 4,4'-(1,4-ANTHRAQUINONYLENEDIIMINODIPHENYL-1,4-ENEDIOXO)-
UPDT:8408 CAS: 73688-63-8 MW: 734.78 MOLFM: C38-H26-N2-O10-S2
SYN: 4,4'-(1,4-ANTHRAQUINONYLENEDIIMINODIPHENYL-1,4-ENEDIOXO)BENZENESULFONIC ACID * ZELEN MIDLONOVA BLS (Czech)

IRRITATION DATA AND REFERENCES:
eye-rbt 20 mg/24H SEV 28ZPAK -,247,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:8550 mg/kg 28ZPAK -,247,72

DB5044200 BENZENESULFONIC ACID, 4-AZIRIDINO-3,5-DINITRO-, POTASSIUM SALT
UPDT:8408 MW: 327.33 MOLFM: C8-H6-N3-O7-S K
SYN: 4-AZIRIDINO-3,5-DINITROBENZENESULFONIC ACID POTASSIUM SALT * 2,6-DINITROPHENYLETHYLENEIMINE-4-SULPHONIC ACID POTASSIUM SALT

MUTATION DATA AND REFERENCES:
cyt-rat-ipr 200 mg/kg BJPCAL 6,357,51

DB5044300 BENZENESULFONIC ACID, 5-BENZOYL-4-HYDROXY-2-METHOXY-
UPDT:8408 MW: 308.32 MOLFM: C14-H12-O6-S
SYN: BENZOPHENONE 4 * 2-HYDROXY-4-METHOXYBENZOPHENONE-5-SULFONIC ACID * SULISOBENZONE

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD JACTDZ 2(5),35,83

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3530 mg/kg JACTDZ 2(5),35,83

DB5044400 BENZENESULFONIC ACID, 5-(BENZOYLOXY)-2-HYDROXY-, compd. with DIETHYLAMINE (1:1)
UPDT:8408 CAS: 59687-32-0 MW: 367.45 MOLFM: C13-H10-O6-S C4-H11-N
SYN: 5-(BENZOYLOXY)-2-HYDROXYBENZENESULFONIC ACID compd. with DIETHYLAMINE (1:1)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4500 mg/kg EJMCA5 11,43,76

BENZENESULFONIC (acid) CHLORIDE see: DB8750000

DB5250000 BENZENESULFONIC ACID, 4-CHLORO-, 4-CHLOROPHENYL ESTER
UPDT:8408 CAS: 80-33-1 MW: 303.16 MOLFM: C12-H8-Cl2-O3-S
SYN: ACARICYDOL E 20 * C 854 * C 1006 * CCS * CHLOORFENSON (Dutch) * (4-CHLOOR FENYL) 4-CHLOOR-BENZEEN-SULFONAAT (Dutch) * CHLOREFENIZON (French) * CHLORFENSON * CHLOROFENSONE * 4-CHLOROBENZENESULFONATE DE 4-CHLOROPHENYLE (French) * p-CHLOROBENZENESULFONIC ACID, p-CHLOROPHENYL ESTER * CHLOROFENIZON * p-CHLOROPHENYL p-CHLOROBENZENESULFONATE * 4-CHLOROPHENYL 4-CHLOROBENZENESULFONATE * p-CHLOROPHENYL p-CHLOROBENZENESULPHONATE * 4-CHLOROPHENYL 4-CHLOROBENZENESULPHONATE * (4-CHLOR PHENYL)-4-CHLOR BENZOL SULFONATE (German) * (4-CLORO-FENIL)-4-CLORO-VENZOL SOLFONATO (Italian) * COROTRAN * CPCBS * D 854 * DIFENSON * ENT 16,358 * EPHIRSULPHONATE * ESTER SULFONATE * ESTONIMITE * ETHERSULFONATE * GENITE 883 * K 6451 * LETHALURE G-58 * MITICIDE K-101 * NIAGARATRAN * ONEX * ORTHOTRAN * OTRACID * OVATRAN * OVATRON * OVEX * OVOCHLOR * OVOTOX * OVOTRAN * PARACHLOROPHENYL PARACHLOROBENZENE SULFONATE * PCPCBS * SAPPILAN * SAPPIRAN * TRICHLORFENSON (OBS.)

TUMORIGENIC DATA AND REFERENCES:
3V03160P60 orl-mus TDLo:115 gm/kg/78W-I NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg GUCHAZ 6,381,73
* unk-rat LD50:2050 mg/kg DABBBA 32,4116,72
* orl-mus LD50:2000 mg/kg FMCHA2 -,C167,83
orl-rbt LD50:5660 mg/kg PCOC** -,841,66
orl-gpg LD50:640 mg/kg PCOC** -,841,66
orl-ckn LD50:3780 mg/kg PCOC** -,841,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 56,107,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB5500000 BENZENESULFONIC ACID, 5-CHLORO-2-((2-HYDROXY-1-NAPHTHALENYL)AZO)-4-METHYL-, BARIUM SALT
UPDT:8412 CAS: 5160-02-1 MW: 444.49 MOLFM: C17-H12-Cl-N2-O4-S 1/2Ba
SYN: BRIGHT RED * BRILLIANT RED * BRILLIANT SCARLET * BRILLIANT TONER 2 * BRONZE RED RO * BRONZE RED 16913 YELLOWISH * BRONZE SCARLET * BRONZE SCARLET C * BRONZE SCARLET CA * BRONZE SCARLET CBA * BRONZE SCARLET CT * BRONZE SCARLET CTA * BRONZE SCARLET TONER * 5-CHLORO-2-((2-HYDROXY-1-NAPHTHALENYL)AZO)-4-METHYLBENZENESULFONIC ACID, BARIUM SALT (2:1) * 5-CHLORO-2-((2-HYDROXY-1-NAPHTHALENYL)AZO)-4-METHYLBENZENESULPHONIC ACID, BARIUM SALT * 5-CHLORO-2-((2-HYDROXY-1-NAPHTHYL)AZO)-p-TOLUENESULFONIC ACID, BARIUM SALT * 1-(4-CHLORO-o-SULFO-5-TOLYLAZO)-2-NAPHTHOL, BARIUM SALT * 1-(4-CHLORO-o-SULPHO-5-TOLYLAZO)-2-NAPHTHOL, BARIUM SALT * C.I. PIGMENT RED * C.I. PIGMENT RED 53.1 * C.I. PIGMENT RED 53, BARIUM SALT * COSMETIC CORAL RED KO BLUISH * COSMETIC DVR * COSMETIC PIGMENT YELLOW RED DVR * DAINICHI LAKE RED C * D & C RED NO. 9 * DESERT RED * DUPLEX RED LAKE C20.5925 * ELION LAKE RED C * HAMILTON RED * HELIO RED TONER LCEL * IRGALITE RED CBN * IRGALITE RED CBR * IRGALITE RED CBT * IRGALITE RED MBC * ISOL LAKE RED LCS 12527 * ISOL RED LCR 2517 * LAKE RED 1520 * LAKE RED C * LAKE RED C 18287 * LAKE RED C 18958 * LAKE RED C 21245 * LAKE RED C 27700 * LAKE RED C 27217 * LAKE RED C 27218 * LAKE RED C BARIUM TONER * LAKE RED CC * LAKE RED CCT * LAKE RED CR * LAKE RED CRLC 232 (BARIUM) * LAKE RED C TONER 8195 * LAKE RED C TONER R366 * LAKE RED GB BARIUM SALT * LAKE RED RRC * LAKE RED TONER C * LAKE RED TONER LCEL * LATEXOL SCARLET R * LATEXOL SCARLET R SOLUPOWDER * LD RUBBER RED 16913 * LUTETIA RED CLN * LUTETIA RED CLN-ST * MICROTEX LAKE RED CR * MOLLICAN RED A 8008 * NCI-C53792 * NO.3 CONC. BRONZE SCARLET * NO.3 CONC. SCARLET * PARIDINE RED LCL * PIGMENT LAKE RED BFC * PIGMENT LAKE RED CD * PIGMENT LAKE RED LC * PIGMENT RED CD * POTOMAC RED * RECOLITE RED LAKE C * RECOLITE RED LAKE CR * 1860 RED * RED 1860 * RED 11938 * RED FOR LAKE C * RED FOR LAKE C TONER RA-5190 * RED FOR LAKE TONER RA-5190 * RED 16913H * RED LAKE CM 20.5650 * RED LAKE CR 1 * RED LAKE C TONER * RED LAKE C TONER 20.5650 * RED LAKE C TONER RA-5190 * RED LAKE R-91 * RED SCARLET * RED TONER Z * RUBBER RED 16913R * SANYO LAKE RED C * SCARLET TONER Y * SEGNALE RED LC * SEGNALE RED LCG * SEGNALE RED LCL * SHO LAKE RED 21 * SUPEROL RED C R1.265 * SYMULER LAKE RED C * TERMOSOLIDO RED LCG * TEXAN RED TONER D * TONER LAKE RED C * TRANSPARENT BRONZE SCARLET * VULCAFIX SCARLET R * VULCAFIX SCARLET R-D * VULCAFOR RED 2R * VULCAN RED LC * VULCOL FAST RED 1 * WAYNE RED X-2486

TUMORIGENIC DATA AND REFERENCES:
3V01160P60 orl-rat TDLo:130 gm/kg/2Y-C NTPTR* NTP-TR-225,82)

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,107,75

STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NTPTR* NTP-TR-225,82)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NTPTR* NTP-TR-225,82)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB5600000 BENZENESULFONIC ACID, p-CHLOROPHENYL ESTER
UPDT:8309 CAS: 80-38-6 MW: 268.72 MOLFM: C12-H9-Cl-O3-S
SYN: ARACID * BENZENESULFONATE DE 4-CHLOROPHENYLE (French) * BENZENESULFONIC ACID, 4-CHLOROPHENYL ESTER * (4-CHLOOR-FENYL) BENZEEN SULFONAAT (Dutch) * p-CHLOROFENYLESTER KYSELINY BENZENSULFONOVE (Czech) * p-CHLOROPHENYL BENZENESULFONATE * 4-CHLOROPHENYL BENZENESULFONATE * p-CHLOROPHENYL BENZENESULPHONATE * 4-CHLOROPHENYL BENZENESULPHONATE * (4-CHLOR PHENYL) BENZOLSULFONAT (German) * (4-CLORO FENIL) BENZOL SOLFONATO (Italian) * CPB * CPBS * ENT 4,585 * FENIZON (French) * FENSON * FENSONE * GC-928 * MURVESCO * PCBS * PCI * PCPB * PCPBS * TRIFENSON

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,197,72
eye-rbt 100 mg/24H SEV 28ZPAK -,197,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1350 mg/kg ARSIM* 20,10,66
unk-mam LD50:1300 mg/kg 30ZDA9 -,274,71

BENZENESULFONIC ACID, 4-CHLOROPHENYL ESTER see: DB5600000

DB5615000 BENZENESULFONIC ACID, 5-(((4-CHLOROPHENYL)SULFONYL)OXY)-2-HYDROXY-, compd. with PIPERAZINE (1:1)
UPDT:8312 CAS: 59687-50-2 MW: 450.94 MOLFM: C12-H9-Cl-O7-S2 C4-H10-N2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:9600 mg/kg EJMCA5 11,43,76

DB5630000 BENZENESULFONIC ACID, p-CHLOROTHIO-, S-(p-CHLOROPHENYL) ESTER
UPDT:8402 CAS: 1146-44-7 MW: 319.22 MOLFM: C12-H8-Cl2-O2-S2
SYN: p-CHLOROTHIOBENZENESULFONIC ACID S-(p-CHLOROPHENYL) ESTER

MUTATION DATA AND REFERENCES:
dni-rat-lym 50 umol/L CBINA8 23,215,78

DB5950000 BENZENESULFONIC ACID, 4,4'-((4,6-DIAMINO-m-PHENYLENE)BIS(AZO))DI-, DISODIUM SALT mixed with BENZENESULFONIC ACID, p-((4,6-DIAMINO-m-TOLYL)AZO)-, SODIUM SALT
UPDT:8305 CAS: 8062-14-4 MW: 848.83 MOLFM: C18-H14-N6-O6-S2 C13-H13-N4-O3-S 3Na
SYN: 1545 BROWN * BROWN FK * C.I. FOOD BROWN 1 * EEC SERIAL NO. 124 * GOLDEN BROWN RK-FQ

MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 40,309,76
mmo-esc 1 gm/L FCTXAV 18,215,80
mma-esc 10 gm/L FCTXAV 18,215,80

TOXICITY DATA AND REFERENCES:
2F17R21 orl-rat LDLo:4000 mg/kg FCTXAV 6,1,68
* ipr-rat LD50:750 mg/kg FCTXAV 6,737,68
2F17R21 ipr-mus LDLo:1500 mg/kg FCTXAV 6,1,68

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 6,737,68

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BENZENESULPHONIC ACID, 2,4-DICHLOROPHENYL ESTER see: SK9100000

BENZENESULFONIC ACID, 4,4'-(1,2-DIETHYL-1,2-ETHANEDIYL)BIS-, DIPOTASSIUM SALT, (R*,S*)- see: DT4391250

DB6127000 BENZENESULFONIC ACID, 2,5-DIHYDROXY-, CALCIUM SALT
UPDT:8408 CAS: 20123-80-2 MW: 418.42 MOLFM: C12-H10-O10-S2 Ca
SYN: CALCIUM DOBESILATE * DEXIUM * 2,5-DIHYDROXYBENZENESULFONIC ACID CALCIUM SALT * DOBESILATE CALCIUM * DOXIUM * HYDROQUINONE CALCIUM SULFONATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9400 mg/kg APFRAD 30,415,72
* orl-mus LD50:7700 mg/kg APFRAD 30,415,72
* ivn-mus LD50:775 mg/kg APFRAD 30,415,72
* unk-mus LD50:700 mg/kg USXXAM #3509207

DB6145000 BENZENESULFONIC ACID, 2,5-DIHYDROXY-, compd. with DIETHYLAMINE
UPDT:8408 CAS: 2624-44-4 MW: 263.34 MOLFM: C10-H17-N-O5-S
SYN: AGLUMIN * ALTODOR * CYCLONAMINE * DICYNENE * DICYNONE * DIETHYLAMMONIUM CYCLOHEXADIEN-4-OL-1-ONE-4-SULFONATE * DIETHYLAMMONIUM 2,5-DIHYDROXYBENZENESULFONATE * 2,5-DIHYDROXYBENZENESULFONIC ACID compd. with N-ETHYLETHANAMINE * DIIDROXI-1,4-BENZENESULFONATO-3 DI-ETILAMMONIUM (Italian) * E 141 * ESELIN * ETAMSYLATE * ETHAMSYLATE * 1-HYDROXY-4-OXO-2,5-CYCLOHEXADIENE-1-SULFONIC ACID compd. with DIETHYLAMINE * MD 141

MUTATION DATA AND REFERENCES:
sln-osn 1 mg/L MUREAV 26,159,74

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:1350 mg/kg 85FSA3 9,490,76
ivn-mus LD50:785 mg/kg YHTPAD 15(12),17,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DB6145200 BENZENESULFONIC ACID, 2,5-DIHYDROXY-, POLYMER with FORMALDEHYDE
UPDT:8401 CAS: 70244-08-5 MOLFM: (C6-H6-O5-S . C H2-O)x
SYN: COMPOUND 53D-R * HYDROQUINONE SULFONIC ACID-FORMALDEHYDE POLYMER * PVisob 531

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ivg-rbt TDLo:7500 ug/kg (1D pre) CCPTAY 19,95,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB6145300 BENZENESULFONIC ACID, 3,4-DIIODO-, POTASSIUM SALT
UPDT:8405 MW: 415.99 MOLFM: C6-H3-I2-O3-S K
SYN: 3,4-DIIODOBENZENESULFONIC ACID POTASSIUM SALT * POTASSIUM 3,4-DIIODOBENZENESULFONATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2500 mg/kg JAPMA8 43,495,54

DB6145350 BENZENESULFONIC ACID, 3-(3,5-DIIODOSULFANILAMIDO)-
UPDT:8405 MW: 580.16 MOLFM: C12-H10-I2-N2-O5-S2
SYN: 3-(3,5-DIIODOSULFANILAMIDO)BENZENESULFONIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMA8 43,495,54

DB6327000 BENZENESULFONIC ACID, p-((p-(DIMETHYLAMINO)PHENYL)AZO)-, SODIUM SALT
UPDT:8406 CAS: 547-58-0 MW: 327.36 MOLFM: C14-H14-N3-O3-S Na
SYN: C.I. 13025 * C.I. ACID ORANGE 52 * DIAZOBEN * 4-DIMETHYLAMINOAZOBENZENE-4'-SULPHONIC ACID SODIUM SALT * p-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZENESULFONIC ACID SODIUM SALT * ENIAMETHYL ORANGE * GOLD ORANGE * HELIANTHINE * HELIANTHINE B * KCA METHYL ORANGE * METHYL ORANGE * METHYL ORANGE B * ORANGE 3 * ORANGE III * TROPAEOLIN

MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate PMRSDJ 1,302,81
mmo-esc 5 gm/L PMRSDJ 1,219,81
dnr-smc 100 mg/L PMRSDJ 1,502,81
mmo-ssp 100 mg/L PMRSDJ 1,424,81
dns-hmn-fbr 4 mg/L PMRSDJ 1,528,81
otr-ham-kdy 2500 ug/L PMRSDJ 1,638,81

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:101 mg/kg PMRSDJ 1,682,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
BENZENESULFONIC ACID, DIMETHYL-, SODIUM SALT see: ZE5100000
BENZENESULFONIC ACID, 5-((2,4-DINITROPHENYL)AMINO)-2-(PHENYLAMINO)-, MONOSODIUM SALT see: DB5042500

DB6600000 BENZENESULFONIC ACID, DODECYL-
UPDT:8401 CAS: 27176-87-0 MW: 326.54 MOLFM: C18-H30-O3-S
SYN: DOBANIC ACID 83 * DOBANIC ACID JN * DODECYLBENZENESULFONIC ACID (DOT) * n-DODECYLBENZENESULFONIC ACID * DODECYLBENZENESULPHONIC ACID * E 7256 * ELFAN WA SULPHONIC ACID * LAURYLBENZENESULFONIC ACID * MARLON AS B * NA 2584 (DOT) * NACCONOL 98SA * NANSA 1042P * RICHONIC ACID B * SULFRAMIN ACID 1298
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DB6620000 BENZENESULFONIC ACID, DODECYL-, CALCIUM SALT
UPDT:8401 CAS: 26264-06-2 MW: 693.16 MOLFM: C36-H60-O6-S2-Ca
SYN: CALCIUM DODECYLBENZENESULFONATE * CALCIUM DODECYLBENZENESULFONATE (DOT) * CALCIUM n-DODECYLBENZENESULFONATE * NA 9097 (DOT) * SINNOZON NCX 70
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DB6700000 BENZENESULFONIC ACID, DODECYL-, compd. with 2,2',2''-NITRILOTRIETHANOL (1:1)
UPDT:8308 MW: 476.77 MOLFM: C18-H31-O3-S C6-H15-N-O3
SYN: NA 9151 (DOT) * TRIETHANOLAMINE DODECYLBENZENESULFONATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

DB6825000 BENZENESULFONIC ACID, DODECYL-, SODIUM SALT
UPDT:8403 CAS: 25155-30-0 MW: 348.52 MOLFM: C18-H29-O3-S Na
SYN: AA-9 * AA-10 * BIO-SOFT D-40 * BIO-SOFT D-60 * BIO-SOFT D-62 * BIO-SOFT D-35X * CALSOFT F-90 * CALSOFT L-40 * CALSOFT L-60 * CONCO AAS-35 * CONCO AAS-40 * CONCO AAS-65 * CONCO AAS-90 * CONOCO C-50 * CONOCO C-60 * CONOCO SD 40 * DETERGENT HD-90 * DODECYL BENZENE SODIUM SULFONATE * DODECYLBENZENESULFONIC ACID SODIUM SALT * DODECYLBENZENESULPHONATE SODIUM SALT * DODECYLBENZENSULFONAN SODNY (Czech) * MERCOL 25 * MERCOL 30 * NA 9146 (DOT) * NACCANOL NR * NACCANOL SW * NACCONOL 40F * NACCONOL 90F * NACCONOL 35SL * NECCANOL SW * PILOT HD-90 * PILOT SF-40 * PILOT SF-60 * PILOT SF-96 * PILOT SF-40B * PILOT SF-40FG * PILOT SP-60 * RICHONATE 1850 * RICHONATE 45B * RICHONATE 60B * SANTOMERSE 3 * SANTOMERSE NO. 1 * SANTOMERSE NO. 85 * SODIUM DODECYLBENZENESULFONATE * SODIUM DODECYLBENZENESULFONATE dry * SODIUM LAURYLBENZENESULFONATE * SOLAR 40 * SOLAR 90 * SOL SODOWA KWASU LAURYLOBENZENOSULFONOWEGO (Polish) * SULFAPOL * SULFAPOLU (Polish) * SULFRAMIN B5 * SULFRAMIN 40 FLAKES * SULFRAMIN 90 FLAKES * SULFRAMIN 40 GRANULAR * SULFRAMIN 40RA * SULFRAMIN 1238 SLURRY * SULFRAMIN 1250 SLURRY * p-1,1,4,4-TETRAMETHYLOKTYLBENZENSULFONAN SODNY (Czech) * ULTRAWET K * ULTRAWET 60K * ULTRAWET KX * ULTRAWET SK
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,195,72
eye-rbt 250 ug/24H SEV 28ZPAK -,195,72
eye-rbt 1% SEV JAPMA8 38,428,49
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1260 mg/kg FSASAX 63,938,61
orl-mus LD50:2000 mg/kg JAPMA8 38,428,49
ivn-mus LD50:105 mg/kg JAPMA8 38,428,49
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENZENESULFONIC ACID, 2,2'-(1,2-ETHYLENEDIYL)BIS(5-AMINO- (9CI) see: WJ6603000

DB6950000 BENZENESULFONIC ACID, HYDROXY-
UPDT:8312 CAS: 1333-39-7 MW: 174.18 MOLFM: C6-H6-O4-S
SYN: HYDROXYBENZENESULFONIC ACID * PHENOLSULFONIC ACID * PHENOLSULPHONIC ACID, liquid (DOT) * SULFOCARBOLIC ACID * UN 1803 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1900 mg/kg NIIRDN 6,664,82
* orl-mus LD50:1500 mg/kg NIIRDN 6,664,82
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DB7000000 BENZENESULFONIC ACID, p-((4-(5-((2-HYDROXYETHYL)SULFONYL)-2-METHOXYPHENYL)AZO)-5-HYDROXY- 3-METHYLPYRAZOL-1-YL)-3-CHLORO-5-METHYL-, HYDROGEN SULFATE (ester), DISODIUM SALT
UPDT:8401 CAS: 18976-74-4 MW: 669.04 MOLFM: C20-H19-Cl-N4-O11-S3 2Na
SYN: C.I. REACTIVE YELLOW 14 * PROCION YELLOW MX 4R * REMAZOL YELLOW G
TUMORIGENIC DATA AND REFERENCES:
3V03L60R60 orl-rat TDLo:52 gm/kg/58W-I TKORAS 3,53,67
1V03 scu-rat TDLo:25 gm/kg/81W-I TKORAS 3,53,67
3V03L60R60 orl-mus TDLo:38 gm/kg/32W-I TKORAS 3,53,67
3V03L60R60 scu-mus TDLo:20 gm/kg/1Y-I TKORAS 3,53,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
UPDT:8408 CAS: 633-96-5 MW: 351.35 MOLFM: C16-H12-N2-O4-S Na
SYN: ACID LEATHER ORANGE EXTRA * ACID LEATHER ORANGE EXTRA G * ACID LEATHER ORANGE EXTRA PRW * ACID ORANGE * ACID ORANGE 7 * ACID ORANGE A * ACID ORANGE II * ACILAN ORANGE II * AIREDALE ORANGE II * AMACID ORANGE Y * ATUL ACID ORANGE II * BETANAPHTHOL ORANGE * BRASILAN ORANGE A * BUCACID ORANGE A * CALCOCID ORANGE Y * CERTIQUAL ORANGE II * C.I. 15510 * C.I. ACID ORANGE 7 * C.I. ACID ORANGE 7, MONOSODIUM SALT * COLACID ORANGE * CUROL ORANGE * D and C ORANGE No. 4 * DIACID ORANGE II * ERIO ORANGE II * FENAZO ORANGE * HIDACID ORANGE II * HISPACID ORANGE AF * p-((2-HYDROXY-1-NAPHTHYL)AZO)BENZENESULFONIC ACID SODIUM SALT * JAVA ORANGE II * KITON ORANGE II * KROMON LAKE ORANGE TONER * LAKE ORANGE A * LAKE ORANGE II YS * LEATHER ORANGE EXTRA * LURAZOL ORANGE E * LUTETIA ORANGE 3JR * MANDARIN G * NAPHTHALENE LAKE ORANGE G * NAPHTHALENE ORANGE G * NAPHTHOL ORANGE * beta-NAPHTHOL ORANGE * 2-NAPHTHOL ORANGE II * beta-NAPHTHYL ORANGE * NAPHTOCARD ORANGE II * NEKLACID ORANGE II * No. 177 ORANGE LAKE * NUBILON ORANGE R * 11550 ORANGE * ORANGE EXTRA N * ORANGE EXTRA P * ORANGE II * ORANGE IIC * ORANGE II for LAKES * ORANGE IIP * ORANGE IIS * ORANGE IISM * ORANGE II SPECIAL FOR LACQUER * ORANGE No. 205 * ORANGE 2 SODIUM SALT * ORANGE TONER GRT * ORANGE Y * ORANGE YA * ORANGE YZ * PEERACID ORANGE II * PERCA ORANGE GR * PERSIAN ORANGE * PERSIAN ORANGE LAKE * PERSIAN ORANGE X * PURE ORANGE II S * RIFA ACID ORANGE II * SANYO GUM ORANGE A * SOLAR ORANGE * SPECIAL ORANGE GR * SPECIAL ORANGE H * SYMULER ORANGE LAKE 43 * SYMULON ACID ORANGE II * TANGARINE LAKE K-V17 * TERTRACID ORANGE II * TROPAEOLIN OOO * TROPAEOLIN OOO 2 * VONDACID ORANGE II * WOOL ORANGE A
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:150 gm/kg (43W male) IJEBA6 17,1100,79
2T01T02 itt-rat TDLo:10 mg/kg (1D male) IJEBA6 15,1215,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB7085000 BENZENESULFONIC ACID, p-((4-HYDROXY-1-NAPHTHYL)AZO)-, SODIUM SALT
UPDT:8401 CAS: 523-44-4 MW: 350.34 MOLFM: C16-H11-N2-O4-S Na
SYN: ACID LEATHER ORANGE I * ACID ORANGE I * ACID PHOSPHINE CL * A-F ORANGE NO. 1 * AIZEN FOOD ORANGE NO. 1 * AIZEN NAPHTHOL ORANGE I * AIZEN ORANGE I * CERTIQUAL ORANGE I * C.I. 14600 * C.I. ACID ORANGE 20 * C.I. ACID ORANGE 20, MONOSODIUM SALT * D & C ORANGE NO. 3 * DYE ORANGE NO. 1 * EGACID ORANGE GG * ELGACID ORANGE 2G * ENIACID ORANGE I * EXT. D and C ORANGE NO. 3 * EXTERNAL D AND C ORANGE NO. 3 * EXTRACT D AND C ORANGE NO. 3 * FD and C ORANGE NO. 1 * FDC ORANGE I * HISPACID ORANGE 1 * 4-((4-HYDROXY-1-NAPHTHALENYL)AZO)BENZENESULFONIC ACID, MONOSODIUM SALT * 4-((4-HYDROXY-1-NAPHTHALENYL)AZO)BENZENESULPHONIC ACID, MONOSODIUM SALT * p-((4-HYDROXY-1-NAPHTHYL)AZO)BENZENESULFONIC ACID, MONOSODIUM SALT * p-((4-HYDROXY-1-NAPHTHYL)AZO)BENZENESULFONIC ACID, SODIUM SALT * p-((4-HYDROXY-1-NAPHTHYL)AZO)BENZENESULPHONIC ACID, MONOSODIUM SALT * p-((4-HYDROXY-1-NAPHTHYL)AZO)BENZENESULPHONIC ACID, SODIUM SALT * JAVA ORANGE I * NANRAI ACID ORANGE I * NAPHTHALENE ORANGE I * NAPHTHOL ORANGE * alpha-NAPHTHOL ORANGE * NEKLACID ORANGE I * 11330 ORANGE * ORANGE I * ORANGE I EXTRA CONC. A EXPORT * ORANGE IM * ORANGE I SODIUM SALT * ORANGE S * SODIUM AZO-alpha-NAPHTHOLSULFANILATE * SODIUM AZO-alpha-NAPHTHOLSULPHANILATE * 4-p-SULFOPHENYLAZO-1-NAPHTHOL MONOSODIUM SALT * 4-p-SULPHOPHENYLAZO-1-NAPHTHOL MONOSODIUM SALT * TERTRACID ORANGE I * TROPAEOLIN I * TROPAEOLIN G * TROPAEOLIN OOO NO. 1
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 56,249,78
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:9360 mg/kg/2Y-I FEPRA7 16,367,57
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; ARVPAX 14,127,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,173,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB7090000 BENZENESULFONIC ACID, 2-HYDROXY-5-((PHENYLSULFONYL)OXY)-, compd. with PIPERAZINE (1:1)
UPDT:8312 CAS: 59687-48-8 MW: 416.50 MOLFM: C12-H10-O7-S2 C4-H10-N2
SYN: 2-HYDROXY-5-((PHENYLSULFONYL)OXY)BENZENESULFONIC ACID compd. with PIPERZINE (1:1)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5600 mg/kg EJMCA5 11,43,76

DB7120000 BENZENESULFONIC ACID, p-HYDROXY-, ZINC SALT (2:1)
UPDT:8403 CAS: 127-82-2 MW: 413.73 MOLFM: C12-H12-O8-S2-Zn
SYN: BENZENESULFONIC ACID, 4-HYDROXY-, ZINC SALT (2:1) * p-HYDROXYBENZENESULFONIC ACID ZINC SALT * NA 9160 (DOT) * 1-PHENOL-4-SULFONIC ACID ZINC SALT * PHENOZIN * ZINC p-HYDROXYBENZENESULFONATE * ZINC PHENOLSULFONATE * ZINC PHENOLSULFONATE (DOT) * ZINC p-PHENOL SULFONATE * ZINC SULFOCARBOLATE * ZINC SULFOPHENATE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENZENESULFONIC ACID, 4-HYDROXY-, ZINC SALT (2:1) see: DB7120000

DB7130000 BENZENESULFONIC ACID, m-IODO-, SODIUM SALT
UPDT:8405 MW: 273.99 MOLFM: C6-H4-I-O3 Na
SYN: m-IODOBENZENESULFONIC ACID SODIUM SALT * SODIUM m-IODOBENZENESULFONATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMA8 43,495,54

DB7130100 BENZENESULFONIC ACID, p-IODO-, SODIUM SALT
UPDT:8405 MW: 273.99 MOLFM: C6-H4-I-O3 Na
SYN: p-IODOBENZENESULFONIC ACID SODIUM SALT * SODIUM p-IODOBENZENESULFONATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMA8 43,495,54

DB7176000 BENZENESULFONIC ACID, p-METHYL-, 2-PHENYLHYDRAZIDE
UPDT:8308 CAS: 29110-75-6 MW: 262.35 MOLFM: C13-H14-N2-O2-S
SYN: N(sub 1)-BENZEN-N(sub 2)-p-TOLYLSULFONHYDRAZINE (French) * p-METHYLBENZENESULFONIC ACID 2-PHENYLHYDRAZIDE
TOXICITY DATA AND REFERENCES:
3F07F25F29 ipr-mus LD50:1100 mg/kg THERAP 27,309,72

BENZENESULFONIC ACID, 4-METHYL-, SODIUM SALT (9CI) see: XT7350000

DB7184000 BENZENESULFONIC ACID, NITRO-
UPDT:8312 CAS: 31212-28-9 MW: 203.18 MOLFM: C6-H5-N-O5-S
SYN: NITROBENZENESULFONIC ACID * NITROBENZENESULPHONIC ACID (DOT) * UN 2305 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

DB7194000 BENZENESULFONIC ACID, NITRO-, SODIUM SALT
UPDT:8305 CAS: 27215-71-0 MW: 225.16 MOLFM: C6-H4-N-O5-S Na
SYN: LUDIGOL 60 * LUDIGOL (Russian) * LUDIGOL F * NITROBENZENE SODIUM SULTONATE * SALSTRIP N-1 * SODIUM NITROBENZENESULFONATE
TOXICITY DATA AND REFERENCES:
2L14M12 orl-rat LD50:30 gm/kg GISAAA 45(3),73,80
2L14M12 orl-rbt LD50:6200 mg/kg GISAAA 45(3),73,80

DB7315000 BENZENESULFONIC ACID, p-((7-OXO-7H-BENZ(de)ANTHRACEN-3-YL)OXY)-, SODIUM SALT
UPDT:8308 MW: 424.41 MOLFM: C23-H13-O5-S Na
SYN: 3-BENZANTHRONYL p-SULFOPHENYL ETHER SODIUM SALT
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate MUREAV 66,9,79
mma-sat 250 ug/plate MUREAV 66,9,79

BENZENESULFONIC ACID, OXYBIS-, DIHYDRAZIDE (9CI) see: DB7321000

DB7321000 BENZENESULFONIC ACID, OXYDI-, DIHYDRAZIDE
UPDT:8305 CAS: 29221-52-1 MW: 358.42 MOLFM: C12-H14-N4-O5-S2
SYN: BENZENESULFONIC ACID, OXYBIS-, DIHYDRAZIDE (9CI) * NITROPORE OBSH * p,p'-OXYBISBENZENE DISULFONYLHYDRAZIDE * OXYBIS(BENZENESULFONYLHYDRAZIDE)
MUTATION DATA AND REFERENCES:
mma-sat 800 ug/plate NEZAAQ 33,474,78
mma-sat 400 ug/plate NEZAAQ 33,474,78

DB7329500 BENZENESULFONIC ACID, 3-((4-(PHENYLAMINO)PHENYL)AZO)-, MONOSODIUM SALT
UPDT:8406 CAS: 587-98-4 MW: 376.41 MOLFM: C18-H15-N3-O3-S Na
SYN: ACIDIC METANIL YELLOW * ACID LEATHER YELLOW PRW * ACID LEATHER YELLOW R * ACID METANIL YELLOW * ACID YELLOW 36 * AIZEN METANIL YELLOW * AMACID YELLOW M * BRASILAN METANIL YELLOW * BUCACID METANIL YELLOW * CALCOCID YELLOW MXXX * C.I. 13065 * C.I. ACID YELLOW 36 * C.I. ACID YELLOW 36 MONOSODIUM SALT * DIACID METANIL YELLOW * ENIACID METANIL YELLOW GN * EXT. D and C YELLOW No. 1 * FENAZO YELLOW M * HIDACID METANIL YELLOW * HISPACID YELLOW MG * JAVA METANIL YELLOW G * KITON ORANGE MNO * KITON YELLOW MA * METANIL YELLOW O * METANIL YELLOW * METANIL YELLOW 1955 * METANIL YELLOW C * METANIL YELLOW E * METANIL YELLOW EXTRA * METANIL YELLOW F * METANIL YELLOW G * METANIL YELLOW GRIESBACH * METANIL YELLOW K * METANIL YELLOW KRSU * METANIL YELLOW M3K * METANIL YELLOW O * METANIL YELLOW PL * METANIL YELLOW S * METANIL YELLOW SUPRA P * METANIL YELLOW VS * METANIL YELLOW W5 * METANIL YELLOW Y * METANIL YELLOW YK * MITSUI METANIL YELLOW * MONOAZO * REMADERM YELLOW HFR * SHIKISO METANIL YELLOW * SYMULON METANIL YELLOW * TAKAOKA METANIL YELLOW * TERTRACID YELLOW M * TROPAEOLIN G * VONDACID METANIL YELLOW G * 11363 YELLOW * YODOCH2OME METANIL YELLOW
MUTATION DATA AND REFERENCES:
cyt-hmn:leu 10 umol/L IJEBA6 16,820,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 orl-rat TDLo:162 gm/kg (90D male) ENVRAL 15,227,78
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg SRTCDF -,15,77

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB8000000 BENZENESULFONIC ACID, THIO-, S,S'-(2-(DIMETHYLAMINO)TRIMETHYLENE) ESTER
UPDT:8309 CAS: 17606-31-4 MW: 431.63 MOLFM: C17-H21-N-O4-S4
SYN: BANCOL * BENSULTAP * S,S'-(2-(DIMETHYLAMINO)TRIMETHYLENE)BIS(BENZENETHIOSULFONATE) * TI 78 * VICTENON * ZZ-DORICIDA

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1105 mg/kg FMCHA2 -,C236,83

DB8350000 BENZENESULFONIC ACID, 3-(3,4,5-TRIIODOBENZENESULFONAMIDO)-
UPDT:8405 MW: 691.03 MOLFM: C12-H8-I3-N-O5-S2
SYN: 3-(3,4,5-TRIIODOBENZENESULFONAMIDO)BENZENESULFONIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4500 mg/kg JAPMA8 43,495,54

DB8400000 BENZENESULFONIC ACID, 2,4,6-TRINITRO-
UPDT:8401 CAS: 2508-19-2 MW: 293.18 MOLFM: C6-H3-N3-O9-S
SYN: 2,4,6-TRINITROBENZENESULFONIC ACID * TRINITROBENZENESULFONIC ACID (DOT) * UN 0386 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE, LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DB8550000 BENZENESULFONIC ACID, p-VINYL-, SODIUM SALT, POLYMERS
UPDT:8412 CAS: 25704-18-1 MOLFM: (C8-H8-O3-S-Na)n

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:28 gm/kg (8-14D preg) OYYAA2 4,79,70
1T25 orl-mus TDLo:7 gm/kg (7-13D preg) OYYAA2 4,79,70

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:16 gm/kg OYYAA2 4,79,70
* orl-mus LD50:10 gm/kg OYYAA2 4,79,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB8750000 BENZENESULFONYL CHLORIDE
UPDT:8406 CAS: 98-09-9 MW: 176.62 MOLFM: C6-H5-Cl-O2-S
SYN: BENZENE SULFONECHLORIDE * BENZENESULFONIC (acid) CHLORIDE * BENZENOSULFOCHLOREK (Polish) * BENZENOSULPHOCHLORIDE * BENZENE SULPHONYL CHLORIDE (DOT) * BSC-REFINE D * RCRA WASTE NUMBER U020 * UN 2225 (DOT)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1960 mg/kg MEPAAX 20,513,69
ihl-rat LC50:32 ppm/1H TXAPA9 42,417,77
ipr-rat LD50:76 mg/kg MEPAAX 20,513,69

STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB8927800 BENZENESULFONYL CHLORIDE, p-((p-(DIMETHYLAMINO)PHENYL)AZO)-
UPDT:8406 MW: 323.82 MOLFM: C14-H14-Cl-N3-O2-S
SYN: 4-DIMETHYLAMINOAZOBENZENE 4'-SULFONYL CHLORIDE * p-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZENESULFONYL CHLORIDE

MUTATION DATA AND REFERENCES:
dns-mus:ivr 10 umol/L ENMUDM 5,1,83
dns-ham:ivr 10 umol/L ENMUDM 5,1,83

BENZENE SULPHONYL CHLORIDE (DOT) see: DB8750000
2-(BENZENESULFONYL)ETHANOL see: KM2300000
BENZENESULFONYL FLUORIDE, 4-METHYL- (9CI) see: XT8050000

DB9060000 BENZENE, 1,1'-TELLURINYLBIS-
UPDT:8407 CAS: 51786-98-2 MW: 297.82 MOLFM: C12-H10-O-Te
SYN: DIPHENYLOXOTELLURIUM * TELLURIUM, DIPHENYLOXO-

TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82

DB9061000 BENZENE, 1,1'-TELLURINYLBIS(4-METHOXY-
UPDT:8406 CAS: 57857-70-2 MW: 357.88 MOLFM: C14-H14-O3-Te
SYN: BIS(p-METHOXYPHENYL)OXOTELLURIUM * TELLURIUM, BIS(p-METHOXYPHENYL)OXO-

TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82

DB9062000 BENZENE, 1,1'-TELLUROBIS-
UPDT:8406 CAS: 1202-36-4 MW: 281.82 MOLFM: C12-H10-Te
SYN: DIPHENYLTELLURIDE * DIPHENYLTELLURIUM * TELLURIUM, DIPHENYL-

TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82

DB9280000 1,2,4,5-BENZENETETRACARBOXYLIC ACID, 1,2:3,4-DIANYDRIDE
UPDT:8408 CAS: 4435-60-3 MW: 218.12 MOLFM: C10-H2-O6
SYN: PYRROMELITIC ACID DIANHYDRIDE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2200 mg/kg 85GMAT -,105,82
* ihl-rat LCLo:150 mg/m3/4H 85GMAT -,105,82
* orl-mus LD50:2400 mg/kg 85GMAT -,105,82

DB9440000 BENZENE, 1,2,3,4-TETRACHLORO-
UPDT:8408 CAS: 634-66-2 MW: 215.88 MOLFM: C6-H2-Cl4
SYN: 1,2,3,4-TETRACHLOROBENZENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T26 orl-rat TDLo:2 gm/kg (6-15D preg) TJADAB 29,21,84
2T31T34 orl-rat TDLo:1500 mg/kg (9-13D preg) TXCYAC 26,243,83

TOXICITY DATA AND REFERENCES:
3F07K12U26 orl-rat LD50:1167 mg/kg JTEHD6 11,663,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 343
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION; FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB9445000 BENZENE, 1,2,3,5-TETRACHLORO-
UPDT:8408 CAS: 634-90-2 MW: 215.88 MOLFM: C6-H2-Cl4
SYN: 1,2,3,5-TETRACHLOROBENZENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T26 orl-rat TDLo:2 gm/kg (6-15D preg) TJADAB 29,21,84

TOXICITY DATA AND REFERENCES:
3F07K12U26 orl-rat LD50:1727 mg/kg JTEHD6 11,663,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 343
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB9450000 BENZENE, 1,2,4,5-TETRACHLORO-
UPDT:8408 CAS: 95-94-3 MW: 215.88 MOLFM: C6-H2-Cl4
SYN: RCRA WASTE NUMBER U207 * 1,2,4,5-TETRACHLOROBENZENE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1500 mg/kg HYSAAV 30,8,65
orl-mus LD50:1035 mg/kg HYSAAV 30,8,65

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 343
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION; FINAL RULE

BENZENE, 1,2,4,5-TETRACHLORO-3-METHOXY-6-NITRO- (9CI) see: BZ9625000

DB9625000 BENZENE, 1,2,3,4-TETRACHLORO-5-NITRO-
UPDT:8401 CAS: 879-39-0 MW: 260.88 MOLFM: C6-H-Cl4-N-O2
SYN: BENZENE, 5-NITRO-1,2,3,4-TETRACHLORO- * DB-905 * FOLOSAN DB-905 FUMITE * FOLSAN * FUSAREX * TCBN * 1,2,3,4-TETRACHLORO-5-NITROBENZENE * 2,3,4,5-TETRACHLORONITROBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:576 mg/kg/12W-I CNREA8 26,12,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DB9800000 BENZENE, 1,2,3,5-TETRACHLORO-4-NITRO-
UPDT:8401 CAS: 3714-62-3 MW: 260.88 MOLFM: C6-H-Cl4-N-O2
SYN: BENZENE, 4-NITRO-1,2,3,5-TETRACHLORO- * 1,2,3,5-TETRACHLORO-4-NITROBENZENE * 2,3,4,6-TETRACHLORONITROBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:576 mg/kg/12W-I CNREA8 26,12,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DC0175000 BENZENE, 1,2,4,5-TETRACHLORO-3-NITRO-
UPDT:8408 CAS: 117-18-0 MW: 260.88 MOLFM: C6-H-Cl4-N-O2
SYN: BENZENE, 3-NITRO-1,2,4,5-TETRACHLORO- * CHIPMAN 3,142 * FOLOSAN * FUSAREX * TCNB * TECNAZENE * 2,3,5,6-TETRACHLOR-3-NITROBENZOL (German) * 1,2,4,5-TETRACHLORO-3-NITROBENZENE * 2,3,5,6-TETRACHLORONITROBENZENE

MUTATION DATA AND REFERENCES:
mmo-sat 3 ug/plate ENMUDM 5(Suppl 1),3,83
mmo-sat 75 ug/plate ENMUDM 5(Suppl 1),3,83
mmo-asn 12 umol/L PHYTAJ 66,217,76
sln-asn 24 umol/L EVHPAZ 31,81,79

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:576 mg/kg/12W-I CNREA8 26,12,66

TOXICITY DATA AND REFERENCES:
orl-rat LD50:7500 mg/kg 85DPAN -,-,71,76
unk-rat LD50:250 mg/kg 30ZDA9 -,82,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZENETETRAHYDRIDE see: GW2500000
BENZENE, TETRAHYDRO- see: GW2500000
BENZENE, 1,1'-THIOBIS(2,4,6-TRINITRO- (9CI) see: TJ9900000

DC0525000 BENZENETHIOL
UPDT:8406 CAS: 108-98-5 MW: 110.18 MOLFM: C6-H6-S
SYN: PHENOL, THIO- * PHENYL MERCAPTAN * PHENYL MERCAPTAN (DOT) * RCRA WASTE NUMBER P014 * THIOPHENOL * UN 2337 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 108 mg SEV AIHAAP 19,171,58

TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:25 mg/kg NTIS** AD277-689
3F07J25F24 orl-rat LD50:46 mg/kg AIHAAP 19,171,58
3J26F07D17 ihl-rat LC50:33 ppm/4H AIHAAP 19,171,58
3F11J25R10 skn-rat LD50:300 mg/kg AIHAAP 19,171,58
3F07J25F24 ipr-rat LD50:10 mg/kg AIHAAP 19,171,58
3J26F07D17 ihl-mus LC50:28 ppm/4H AIHAAP 19,171,58
orl-bwd LD50:24 mg/kg TXAPA9 21,315,72

REVIEW AND REFERENCES:
★ TLV-TWA 500 ppb DTLVS* 4,333,80

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B, LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102.83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BENZENETHIOL recm std-air:Cl 0.5 mg/m3/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DC1050000 BENZENETHIOL, p-CHLORO-
UPDT:8401 CAS: 106-54-7 MW: 144.62 MOLFM: C6-H5-Cl-S
SYN: 4-CHLOROBENZENETHIOL * p-CHLOROTHIOPHENOL * 4-CHLOROTHIOPHENOL * p-CHLORTHIOFENOL (Czech) * PHENYL MERCAPTAN, p-CHLORO-

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,167,72
eye-rbt 50 ug/24H SEV 28ZPAK -,167,72

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:8000 mg/kg/20W-I CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg 28ZPAK -,167,72
ipr-mus LD50:75 mg/kg NTIS** AD691-490

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DC1790000 BENZENETHIOL, o-METHOXY-
UPDT:8309 CAS: 7217-59-6 MW: 140.21 MOLFM: C7-H8-O-S
SYN: BENZENETHIOL, 2-METHOXY- (9CI) * o-METHOXYBENZENETHIOL * 2-METHOXYBENZENETHIOL * 2-METHOXYTHIOPHENOL * THIOGUAIACOL

TOXICITY DATA AND REFERENCES:
3F17F19J25 orl-rat LD50:1740 mg/kg FCTXAV 19,753,81
3F17F19J25 orl-mus LD50:1560 mg/kg FCTXAV 19,753,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENZENETHIOL, 2-METHOXY- (9CI) see: DC1790000
BENZENETHIOL, 4-(METHYLTHIO)-2,3,5,6-TETRACHLORO- see: DC1947000

DC1925000 BENZENETHIOL, PENTACHLORO-
UPDT:8309 CAS: 133-49-3 MW: 282.38 MOLFM: C6-H-Cl5-S
SYN: PCTP * PENTACHLORO-BENZENETHIOL * PENTACHLOROTHIOPHENOL * PENTACHLORTHIOFENOL (Czech) * USAF B-51

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,168,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:12 gm/kg 28ZPAK -,168,72
ipr-mus LD50:100 mg/kg NTIS** AD277-689

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DC1947000 BENZENETHIOL, 2,3,5,6-TETRACHLORO-4-(METHYLTHIO)-
UPDT:8309 CAS: 67341-49-5 MW: 294.03 MOLFM: C7-H4-Cl4-S2
SYN: BENZENETHIOL, 4-(METHYLTHIO)-2,3,5,6-TETRACHLORO- * 4-METHYLTHIO-TETRACHLOROTHIOPHENOL * MTCTP * 2,3,5,6-TETRACHLORO-4-(METHYLTHIO)BENZENETHIOL

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:245 mg/kg ARTODN 51,329,82

DC1948000 BENZENETHIOL, 2,4,5-TRICHLORO-
UPDT:8408 CAS: 3773-14-6 MW: 213.50 MOLFM: C6-H3-Cl3-S
SYN: BENACIT II * 2,4,5-TRICHLOROBENZENETHIOL * 2,4,5-TRICHLOROTHIOPHENOL

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2250 mg/kg 85GMAT -,105,82

BEST COPY AVAILABLE

DC1951530 1,2,3-BENZENETRIAMINE
UPDT:8303 CAS: 608-32-2 MW: 123.18 MOLFM: C6-H9-N3
SYN: 1,2,3-TRIAMINOBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 5 umol/plate JTSCDR 4,317,79

DC1951540 1,2,4-BENZENETRIAMINE
UPDT:8303 CAS: 615-71-4 MW: 123.18 MOLFM: C6-H9-N3
SYN: 1,3,4-BENZENETRIAMINE * 1,2,4-TRIAMINOBENZENE * 1,3,4-TRIAMINOBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 5 umol/plate JTSCDR 4,317,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
1,3,4-BENZENETRIAMINE see: DC1951540

DC1951580 1,3,5-BENZENETRIAMINE
UPDT:8401 CAS: 108-72-5 MW: 123.18 MOLFM: C6-H9-N3
SYN: s-TRIAMINOBENZENE * sym-TRIAMINOBENZENE * 1,3,5-TRIAMINOBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 5 umol/plate JTSCDR 4,317,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DC1955000 BENZENE, 1,3,5-TRIAZIDO-2,4,6-TRINITRO-
UPDT:8308 CAS: 29306-57-8 MW: 336.18 MOLFM: C6-N12-O6
SYN: TNTAZB * TRINITROTRIAZIDOBENZENE * s-TRINITROTRIAZIDOBENZENE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

DC1980000 1,2,4-BENZENETRICARBOXYLIC ACID
UPDT:8403 CAS: 528-44-9 MW: 210.15 MOLFM: C9-H6-O6
SYN: TMA * 1,2,4-TRICARBOXYBENZENE * TRIMELLITIC ACID
TOXICITY DATA AND REFERENCES:
orl-mus LD50:2500 mg/kg GTPZAB 18(7),57,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BPCT** -,183,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
1,2,4-BENZENETRICARBOXYLIC ACID ANHYDRIDE see: DC2050000

DC2050000 1,2,4-BENZENETRICARBOXYLIC ACID 1,2-ANHYDRIDE
UPDT:8412 CAS: 552-30-7 MW: 192.13 MOLFM: C9-H4-O5
SYN: ANHYDRO TRIMELLIC ACID * 1,2,4-BENZENETRICARBOXYLIC ACID ANHYDRIDE * 1,2,4-BENZENETRICARBOXYLIC ACID, CYCLIC 1,2-ANHYDRIDE * 1,2,4-BENZENETRICARBOXYLIC ANHYDRIDE * 4-CARBOXYPHTHALIC ANHYDRIDE * 1,3-DIHYDRO-1,3-DIOXO-5-ISOBENZOFURANCARBOXYLIC ACID * 1,3-DIOXO-5-PHTHALANCARBOXYLIC ACID * DIPHENYLMETHANE-4,4'-DIISOCYANATE-TRIMELLIC ANHYDRIDE-ETHOMID HT POLYMER * NCI-C56633 * 5-PHTHALANACARBOXYLIC ACID, 1,3-DIOXO- * TMA * TMAN * TRIMELLIC ACID ANHYDRIDE * TRIMELLIC ACID 1,2-ANHYDRIDE * TRIMELLITIC ACID CYCLIC 1,2-ANHYDRIDE * TRIMELLITIC ANHYDRIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5600 mg/kg DTLVS* 4,415,80
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BPCT** -,183,74
★ TLV-TWA 5 ppb DTLVS* 4,415,80
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 322
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 21, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0379-0280
1,2,4-BENZENETRICARBOXYLIC ACID, CYCLIC 1,2-ANHYDRIDE see: DC2050000
1,2,4-BENZENETRICARBOXYLIC ANHYDRIDE see: DC2050000

DC2090000 BENZENE, TRICHLORO-
CAS: 12002-48-1 MW: 181.44 MOLFM: C6-H3-Cl3
SYN: TRICHLOROBENZENE * TRICHLOROBENZENE, liquid (DOT) * UN 2321 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 343
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

DC2095000 BENZENE, 1,2,3-TRICHLORO-
CAS: 87-61-6 MW: 181.44 MOLFM: C6-H3-Cl3
SYN: 1,2,3-TRICHLOROBENZENE * 1,2,3-TRICHLOROBENZENE, liquid (DOT) * UN 2321 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 343
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

DC2100000 BENZENE, 1,2,4-TRICHLORO-
UPDT:8408 CAS: 120-82-1 MW: 181.44 MOLFM: C6-H3-Cl3
SYN: unsym-TRICHLOROBENZENE * 1,2,4-TRICHLOROBENZENE * 1,2,4-TRICHLOROBENZENE, liquid (DOT) * TROJCHLOROBENZEN (Polish) * UN 2321 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 1950 mg/13W-I MOD AEHLAU 30,165,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T33T34T35 orl-rat TDLo:1800 mg/kg (9-13D preg) ENVRAL 31,362,83
1T13 ipr-rat TDLo:750 mg/kg (3D pre) JTEHD6 8,489,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:756 mg/kg AOHYA3 12,209,69
3F05F12F19 orl-mus LD50:300 mg/kg NAIZAM 29,569,78
ipr-mus LDLo:500 mg/kg CBCCT* 4,107,52
REVIEW AND REFERENCES:
★ TLV-CL 5 ppm DTLVS* 4,405,80
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 343
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA B(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DC2100100 BENZENE, 1,3,5-TRICHLORO-
UPDT:8408 CAS: 108-70-3 MW: 181.47 MOLFM: C6-H3-Cl3
SYN: s-TRICHLOROBENZENE * sym-TRICHLOROBENZENE * 1,3,5-TRICHLOROBENZENE * 1,3,5-TRICHLOROBENZENE, liquid (DOT) * UN 2321 (DOT)
MUTATION DATA AND REFERENCES:
dlt-oin-par 10 ppm EVETBX 2,1029,73
dlt-oin-skn 10 ppm EVETBX 2,1029,73
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 343
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
BENZENE, 1,2,4-TRICHLORO-5-((4-CHLOROPHENYL)SULFONYL)- see: WR5850000
BENZENE, 1,2,4-TRICHLORO-5-((4-CHLOROPHENYL)THIO)- see: WQ3850000
BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS(4-CHLORO- see: KJ3325000
BENZENE, (TRICHLOROMETHYL)- see: XT9275000
BENZENE, 1,2,4-TRICHLORO-3-METHYL- see: XT9300000
BENZENE, 1,3,5-TRICHLORO-2-(4-NITROPHENOXY)- see: KO2700000

DC2370000 BENZENE, 1,3,5-TRICHLORO-2-(4-NITROSOPHENOXY)-
UPDT:8406 CAS: 73143-92-7 MW: 312.64 MOLFM: C12-H6-Cl3-N-O2
SYN: 2,4,6-TRICHLORO-4-NITROSOBIPHENYL ETHER
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate CBINAB 44,133,83
mma-sat 100 ug/plate CBINAB 44,133,83
BENZENE, (TRIFLUOROETHENYL)- (9CI) see: WL6478050 STYRENE, alpha,beta,beta-TRIFLUORO-
BENZENETRIFUROXAN see: DM2170000
BENZENE, TRIHYDROXY see: SY1050000
BENZENE, 1,2,3-TRIHYDROXY- see: UX2800000
BENZENE, 1,3,5-TRIHYDROXY- see: SY1050000

DC2975000 BENZENE, 1,2,4-TRIMETHOXY-5-PROPENYL-, (E)-
UPDT:8405 CAS: 2883-98-9 MW: 208.28 MOLFM: C12-H16-O3
SYN: ASARON * ASARONE * alpha-ASARONE * ASARONE, trans- * ASARUM CAMPHOR * BENZENE, 1,2,4-TRIMETHOXY-5-PROPENYL-, trans-
TOXICITY DATA AND REFERENCES:
" ipr-gpg LD50:275 mg/kg 85ESA3 9,110,76
BENZENE, 1,2,4-TRIMETHOXY-5-PROPENYL-, trans- see: DC2975000

DC3220000 BENZENE, TRIMETHYL- (mixed isomers)
UPDT:8201 CAS: 25551-13-7 MW: 120.21 MOLFM: C9-H12
SYN: TRIMETHYL BENZENE
REVIEW AND REFERENCES:
★ TLV-TWA 25 ppm; STEL 35 ppm DTLVS* 4,415,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DC3300000 BENZENE, 1,2,3-TRIMETHYL-
UPDT:8201 CAS: 526-73-8 MW: 120.21 MOLFM: C9-H12
SYN: HEMIMELLITENE * 1,2,3-TRIMETHYLBENZENE
TOXICITY DATA AND REFERENCES:
" orl-rat LDLo:5000 mg/kg AMIHAB 19,403,59
REVIEW AND REFERENCES:
★ TLV-TWA 25 ppm; STEL 35 ppm DTLVS* 4,415,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DC3325000 BENZENE, 1,2,4-TRIMETHYL-
UPDT:8209 CAS: 95-63-6 MW: 120.21 MOLFM: C9-H12
SYN: ASYMMETRICAL TRIMETHYLBENZENE * BENZENE, 1,2,5-TRIMETHYL- * psi-CUMENE * PSEUDOCUMENE * PSEUDOCUMOL * as-TRIMETHYLBENZENE * 1,2,4-TRIMETHYLBENZENE
TOXICITY DATA AND REFERENCES:
" orl-rat LDLo:5000 mg/kg AMIHAB 19,403,59
" ihl-rat LC50:18 mg/m3/4H GISAAA 44(5),15,79
" ipr-rat LDLo:2000 mg/kg 85ESA3 9,1026,76
" ipr-gpg LDLo:1788 mg/kg AMIHBC 9,227,54
REVIEW AND REFERENCES:
★ TLV-TWA 25 ppm; STEL 35 ppm DTLVS* 4,415,80
STATUS:
REPORTED IN EPA TSCA INVENTORY 1983
EPA TSCA B(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZENE, 1,2,5-TRIMETHYL- see: DC3325000
BENZENE, 1,3,5-TRIMETHYL- see: OX6825000

DC3750000 BENZENE, 1,3,5-TRIMETHYL-2,4,6-TRIS(3,5-DI-t-BUTYL-4-HYDROXYBENZYL)-
UPDT:8405 CAS: 1709-70-2 MW: 775.32 MOLFM: C54-H78-O3
SYN: AHYDOL (Russian) * ANTIOXIDANT 330 * AO-40 * 1,3,5-TRIMETHYL 2,4,6-TRIS(3,5-DI-tert-BUTYL-4-HYDROXYBENZYL)BENZENE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 orl-rat TDLo:1100 mg/kg (1-22D preg) GISAAA 43(9),31,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:15 gm/kg RCTEA4 45(3),627,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DC3850000 BENZENE, 1,3,5-TRINITRO-
UPDT:8408 CAS: 99-35-4 MW: 213.12 MOLFM: C6-H3-N3-O6
SYN: RCRA WASTE NUMBER U234 * TNB * TRINITROBENZEEN (Dutch) * TRINITROBENZENE * 1,3,5-TRINITROBENZENE * TRINITROBENZENE, DRY (DOT) * TRINITROBENZOL (German) * UN 0214 (DOT)
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate ENMUDM 2,531,80
mma-sat 10 ug/plate ENMUDM 2,531,80
TOXICITY DATA AND REFERENCES:
3A30J22J24 orl-rat LD50:450 mg/kg GISAAA 42(10),12,77
orl-mus LD50:572 mg/kg TNICS* 13,132,75
" ivn-mus LD50:32 mg/kg CSLNX* NX#00192
3A30J22J24 orl-gpg LD50:730 mg/kg GISAAA 42(10),12,77
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DC3860000 BENZENE, TRINITRO- (10% to 30% water)
UPDT:8406 MW: 197.12 MOLFM: C6-H3-N3-O5
SYN: RCRA WASTE NUMBER U234 * TRINITROBENZENE, wet, containing at least 10% water (DOT) * TRINITROBENZENE, wet, containing less than 30% water (DOT) * TRINITROBENZENE, WET, at least 10% WATER, over 16 ozs. in one outside packaging (DOT) * TRINITROBENZENE, wetted with not less than 30% water (DOT) * UN 0214 (DOT) * UN 1354 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
BENZENE-s-TRIOL see: SY1050000
BENZENE-1,3,5-TRIOL see: SY1050000
1,2,3-BENZENETRIOL see: UX2800000
1,3,5-BENZENETRIOL see: SY1050000

DC4580000 1,2,4-BENZENETRIOL, 5-(2-AMINOETHYL)-
UPDT:8402 CAS: 1199-18-4 MW: 169.20 MOLFM: C8-H11-N-O3
SYN: 6-HYDROXYDOPAMINE * OXIDOPAMINE * 2,4,5-TRIHYDROXYPHENETHYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate ABCHA6 45,327,81
mma-sat 100 ug/plate ABCHA6 45,327,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T71T72 ipr-rat TDLo:400 mg/kg (1D pre-1-22D preg) JPPMAB 26,518,74

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

1T14 ice-rat TDLo:2 mg/kg (2D pre) JPPMAB 26,518,74
2T72T75 ipr-mus TDLo:400 mg/kg (1-21D preg) EXPEAM 29,576,73
1T29 unk-rbt TDLo:3 mg/kg (1D pre) JRPFA4 38,189,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DC4650000 1,2,3-BENZENETRIOL, 4-(2-AMINOETHYL)-, HYDROCHLORIDE
UPDT:8401 CAS: 28094-15-7 MW: 205.66 MOLFM: C8-H11-N-O3 Cl-H
SYN: 4-(2-AMINOETHYL)-1,2,3-BENZENETRIOL HYDROCHLORIDE * 6-HYDROXYDOPAMINE HYDROCHLORIDE * 3,4,5-TRIHYDROXYPHENETHYLAMINE HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:
3V02L60V10 scu-mus TDLo:100 mg/kg/52W-I RCOCB8 17,411,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DC5250000 BENZENE, 1,3,5-TRIS((2-ETHYL AZIRIDINYL)-CARBONYL)-
UPDT:8306 CAS: 7722-73-8 MW: 369.51 MOLFM: C21-H27-N3-O3
SYN: MX 868 * 1,3,5-TRIS(CARBONYL 2-ETHYL-1-AZIDINE)BENZENE * USAF XR 19

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg NTIS** AD441-640

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENZENE, VINYL- see: WL3675000

DC5430000 4,9-a-BENZENOBENZ(f)ISOINDOLINIUM, 3a,4,9,9a-TETRAHYDRO-2-METHYL-2-(3-(TRIMETHYLAMMONIO) PROPYL)-, DIIODIDE
UPDT:8402 CAS: 152-81-8 MW: 616.41 MOLFM: C25-H34-N2-2I
SYN: MI 65-S

TOXICITY DATA AND REFERENCES:
3F17F18F19 ivn-mus LD50:24 mg/kg JJPAAZ 14,434,64

BENZENOSULFOCHLOREK (Polish) see: DB8750000
BENZENOSULPHOCHLORIDE see: DB8750000
N(sub 1)-BENZEN-N(sub 2)-p-TOLYLSULFONHYDRAZINE (French) see: DB7176000
BENZENYL CHLORIDE see: XT9275000
BENZENYL FLUORIDE see: XT9450000
BENZENYL TRICHLORIDE see: XT9275000
BENZETAMOPHYLLINE see: XH4900000
BENZETHACIL see: XH7425000
BENZETHONIUM see: BO7175000
BENZETHONIUM CHLORIDE see: BO7175000
BENZETHONIUM CHLORIDE 1622 see: BO7175000
BENZETIMIDE see: MA4030000
(-)-BENZETIMIDE see: MA4029500
l-BENZETIMIDE see: MA4029500
BENZETONIUM CHLORIDE see: BO7175000
BENZEX see: GV4950000
2,3-BENZFLUORANTHENE see: CU1400000
3,4-BENZFLUORANTHENE see: CU1400000
10,11-BENZFLUORANTHENE see: DF6300000
BENZ(j)FLUOROANTHRENE see: DF6300000
trans-BENZ(a,e)FLUORANTHENE-12,13-DIHYDRODIOL see: HO4750000
trans-BENZ(a,e)FLUORANTHENE-3,4-DIHYDRODIOL see: HO4750500
BENZHEXOL CHLORIDE see: TN2625000
BENZHEXOL HYDROCHLORIDE see: TN2625000
BENZHORMOVARINE see: KG4050000
BENZHYDRAMINE see: KR6825000
BENZHYDRAMINE HYDROCHLORIDE see: KR7000000
BENZHYDRAMINUM see: KR6825000
BENZHYDRAZIDE see: DH1575000
BENZHYDRIL see: KR6825000
BENZHYDROAMINA see: KR6825000

DC7452000 BENZHYDROL
UPDT:8305 CAS: 91-01-0 MW: 184.25 MOLFM: C13-H12-O
SYN: BENZHYDRYL ALCOHOL * BENZOHYDROL * DIPHENYL CARBINOL * DIPHENYLMETHANOL * DIPHENYLMETHYL ALCOHOL * HYDROXYDIPHENYLMETHANE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5000 mg/kg FCTXAV 17,713,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DC7465000 BENZHYDROL, alpha-(1-AMINOETHYL)-4-CHLORO-, HYDROCHLORIDE
UPDT:8410 MW: 298.23 MOLFM: C15-H16-Cl-N-O Cl-H

TOXICITY DATA AND REFERENCES:
3F11F12F23 scu-mus LDLo:127 mg/kg JAPMA8 39,354,50

DC7468000 BENZHYDROL, alpha-(1-AMINOETHYL)-, HYDROCHLORIDE
UPDT:8410 MW: 263.79 MOLFM: C15-H17-N-O Cl-H

TOXICITY DATA AND REFERENCES:
1F12 scu-mus LDLo:222 mg/kg JAPMA8 39,354,50

DC7473500 BENZHYDROL, alpha-(AMINOMETHYL)-, HYDROCHLORIDE
UPDT:8410 MW: 249.76 MOLFM: C14-H15-N-O Cl-H

TOXICITY DATA AND REFERENCES:
1F12 scu-mus LDLo:84 mg/kg JAPMA8 39,354,50

DC7475000 BENZHYDROL, alpha-(1-AMINOPROPYL)-, HYDROCHLORIDE
UPDT:8410 MW: 277.82 MOLFM: C16-H19-N-O Cl-H

TOXICITY DATA AND REFERENCES:
1F12 scu-mus LDLo:55 mg/kg JAPMA8 39,354,50

DC7540000 BENZHYDROL, alpha-((sec-BUTYLAMINO)METHYL)-
UPDT:8305 MW: 269.42 MOLFM: C18-H23-N-O
SYN: alpha-((sec-BUTYLAMINO)METHYL)BENZHYDROL * SCH 1909

TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:150 mg/kg CHTPBA 1,212,66

DC7540010 BENZHYDROL, alpha-((tert-BUTYLAMINO)METHYL)-
UPDT:8305 MW: 269.42 MOLFM: C18-H23-N-O
SYN: alpha-((tert-BUTYLAMINO)METHYL)BENZHYDROL * SCH 1908

TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:125 mg/kg CHTPBA 1,212,66

DC7600000 BENZHYDROL, 2-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8406 CAS: 511-13-7 MW: 326.29 MOLFM: C17-H20-Cl-N-O Cl-H
SYN: BENZENEMETHANOL, 2-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)-alpha-PHENYL- HYDROCHLORIDE (9CI) * CHLOPHEDIANOL HYDROCHLORIDE * 2-CHLORO-alpha-(2-(DIMETHYLAMINO)-ETHYL)BENZHYDROL HYDROCHLORIDE * 1-o-CHLOROPHENYL-1-PHENYL-3-DIMETHYLAMINO-1-PROPANOL HYDROCHLORIDE * CHLORPHEDIANOL HYDROCHLORIDE * CLOFEDANOL HYDROCHLORIDE * CLOPHEDIANOL HYDROCHLORIDE * COLDRIN * DETIGON * DETIGON-BAYER * alpha-(2-DIMETHYLAMINOETHYL)-o-CHLOROBENZHYDROL HYDROCHLORIDE * REFUGAL * SK 74 * SI 501 * ULO * ULONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:2520 mg/kg (28D male) OYYAA2 9,139,75
1T12 orl-rat TDLo:6720 mg/kg (28D pre) OYYAA2 9,139,75

TOXICITY DATA AND REFERENCES:
orl-rat LD50:422 mg/kg 27ZKAW -,-,69
* ipr-rat LD50:295 mg/kg IYKEDH 12,933,81
* scu-rat LD50:440 mg/kg NIIRDN 6,238,82
* ivn-rat LD50:53 mg/kg IYKEDH 12,933,81
orl-mus LD50:315 mg/kg 27ZKAW -,-,69
* ipr-mus LD50:140 mg/kg IYKEDH 12,933,81
* scu-mus LD50:200 mg/kg NIIRDN 6,238,82
* ivn-mus LD50:53 mg/kg NIIRDN 6,238,82
scu-man LD50:186 mg/kg 27ZQAG -,369,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DC7875000 BENZHYDROL, 4,4'-DICHLORO-alpha-METHYL-
UPDT:8406 CAS: 80-06-8 MW: 267.16 MOLFM: C14-H12-Cl2-O
SYN: BCPE * bis(p-CHLOROPHENYL)ETHANOL * 1,1-BIS(4-CHLOROPHENYL)ETHANOL * BIS(p-CHLOROPHENYL)METHYL CARBINOL * 1,1-BIS(p-CHLOROPHENYL)METHYLCARBINOL * CHLORFENETHOL * DCPC * DCPE * DICHLORODIPHENYLETHANOL * p,p'-DICHLOROBENZHYDRYLMETHYLCARBINOL * 4,4'-DICHLORO-(METHYL BENZHYDROL) * 4,4'-DICHLORO-alpha-METHYLBENZHYDROL * 4,4'-DICHLORO-alpha-METHYLBENZOHYDROL * DI-(p-CHLOROPHENYL)-ETHANOL * Di(p-CHLOROPHENYL) METHYLCARBINOL * DIMITE * DMC * ENT 9,674 * ETHANOL, 1,1-BIS(p-CHLOROPHENYL)- * GIXRON

TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg ARSIM* 20,8,66
ipr-rat LD50:725 mg/kg OYYAA2 2,148,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DC8400000 BENZHYDROL, 4,4'-DICHLORO-alpha-(TRICHLOROMETHYL)-
UPDT:8412 CAS: 115-32-2 MW: 370.48 MOLFM: C14-H9-Cl5-O
SYN: ACARIN * BENZENEMETHANOL, 4-CHLORO-alpha-(4-CHLOROPHENYL)-alpha-(TRICHLOROMETHYL)- * 1,1-BIS(CHLOROPHENYL)-2,2,2-TRICHLOROETHANOL * 1,1-BIS(p-CHLOROPHENYL)-2,2,2-TRICHLOROETHANOL * 1,1-BIS(4-CHLOROPHENYL)-2,2,2-TRICHLOROETHANOL * CARBAX * CERUDIFOL * 4-CHLORO-alpha-(4-CHLOROPHENYL)-alpha-(TRICHLOROMETHYL)BENZENEMETHANOL * CPCA * DICHLOROKELTHANE * DECOFOL * DI-(p-CHLOROPHENYL)TRICHLOROMETHYLCARBINOL * 4,4'-DICHLORO-alpha-(TRICHLOROMETHYL)BENZHYDROL * DICOFOL * DTMC * ENT 23,648 * ETHANOL, 2,2,2-TRICHLORO-1,1-BIS(p-CHLOROPHENYL)- * FW 293 * HIFOL * HILFOL 18.5 EC * KELTANE * KELTHANE * para,para'-KELTHANE * KELTHANE (DOT) * KELTHANE A * KELTHANE DUST BASE * KELTHANEETHANOL * MILBOL * MITIGAN * NA 2761 (DOT) * NCI-C00486 * 2,2,2-TRICHLORO-1,1-BIS(4-CHLOROPHENYL)-ETHANOL (Dutch) * 2,2,2-TRICHLOR-1,1-BIS(4-CHLORPHENYL)-AETHANOL (German) * 2,2,2-TRICHLORO-1,1-BIS(4-CHLOROPHENYL)-ETHANOL (French) * 2,2,2-TRICHLORO-1,1-BIS(4-CLORO-FENIL)-ETANOLO (Italian) * 2,2,2-TRICHLORO-1,1-DI-(4-CHLOROPHENYL)ETHANOL

MUTATION DATA AND REFERENCES:
sce-hmn:lym 1 umol/L ARTODN 52,221,83

TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:17 gm/kg/78W-C NCITR* NCI-CG-TR-90,78
2V01L60 orl-mus TD:35 gm/kg/78W-C NCITR* NCI-CG-TR-90,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:575 mg/kg WRPCA2 9,119,70
skn-rat LD50:100 mg/kg WRPCA2 9,119,70
ipr-rat LD50:1150 mg/kg TXAPA9 15,30,69
orl-mus LD50:420 mg/kg GTPZAB 19(9),55,75
orl-rbt LD50:1810 mg/kg TXAPA9 1,119,59
skn-rbt LD50:1870 mg/kg GUCHAZ 6,195,73
orl-gpg LD50:1810 mg/kg 85DPAN -,-,71,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CNDQAB 10(3),43,75; RREVAH 56,107,75
★ CARCINOGENIC REVIEW: ANIMAL SUSPECTED IARC** 30,87,83

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-90,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-90,78)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DC8426350 BENZHYDROL, alpha-((DIETHYLAMINO)METHYL)-
UPDT:8305 MW: 269.42 MOLFM: C18-H23-N-O
SYN: alpha-((DIETHYLAMINO)METHYL)BENZHYDROL * SCH 1905

TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:200 mg/kg CHTPBA 1,212,66

DC8525000 BENZHYDROL, alpha-ETHYL-3-(TRIFLUOROMETHYL)-
UPDT:8403 CAS: 56430-99-0 MW: 280.31 MOLFM: C16-H15-F3-O
SYN: BENZENEMETHANOL, alpha-ETHYL-alpha-PHENYL-3-(TRIFLUOROMETHYL)- (9CI) * alpha-ETHYL-alpha-PHENYL-3-(TRIFLUOROMETHYL)-BENZENEMETHANOL * alpha-ETHYL-3-(TRIFLUOROMETHYL)BENZHYDROL * FLUMECINOL * RGH-3332 * ZIXORYN * ZYXORIN

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2235 mg/kg ARZNAD 28,669,78

BENZHYDROL, alpha-(2-PIPERIDYLETHYL)-, HYDROCHLORIDE see: TN2856000
BENZHYDROL, alpha-(2-PIPERIDYL)-, HYDROCHLORIDE see: TN0875000
BENZHYDRYL see: KR6825000
BENZHYDRYL ALCOHOL see: DC7452000
BENZHYDRYLAMINE PENICILLIN HYDROCHLORIDE see: XH9802500
4-BENZHYDRYL-1-BUTYL-1-METHYLPIPERAZINIUM IODIDE see: TM2990700
4-BENZHYDRYL-1,1-DIETHYL-2,5-DIMETHYLPIPERAZINIUM IODIDE see: TM2990900
4-BENZHYDRYL-1,1-DIETHYLPIPERAZINIUM IODIDE see: TM2990800
O-BENZHYDRYLDIMETHYLAMINOETHANOL see: KR6825000
O-BENZHYDRYLDIMETHYLAMINOETHANOL 8-CHLOROTHEOPHYLLINATE see: XH5082000
4-BENZHYDRYL-1-ETHYL-1-ISOPROPYLPIPERAZINIUM IODIDE see: TM2991100
4-BENZHYDRYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM2991300
4-BENZHYDRYL-1-ETHYL-1-PROPYLPIPERAZINIUM IODIDE see: TM2991400
4-BENZHYDRYL-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE see: TM2991600
(N-BENZHYDRYL)(N'-METHYL)DIETHYLENEDIAMINE see: TL6475000
N-BENZHYDRYL-N-METHYL PIPERAZINE see: TL6475000
N-BENZHYDRYL-N'-METHYLPIPERAZINE HYDROCHLORIDE see: TL6560000
N-BENZHYDRYL-N'-METHYLPIPERAZINE MONOHYDROCHLORIDE see: TL6560000
2-(BENZHYDRYLOXY)-N,N-DIMETHYLETHYLAMINE see: KR6825000
2-(BENZHYDRYLOXY)-N,N-DIMETHYLETHYLAMINE compd. with 8-CHLOROTHEOPHYLLINE see: XH5082000
2-(BENZHYDRYLOXY)-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE see: KR7000000
4-(BENZHYDRYLOXY)-1-METHYLPIPERIDINE see: TM7810000
BENZIDAM see: BW6650000
BENZIDAMINE HYDROCHLORIDE see: NK7875000
BENZIDAZOL see: NJ1925000
BENZIDIN (Czech) see: DC9625000
BENZIDINA (Italian) see: DC9625000

DC9625000 BENZIDINE
UPDT:8412 CAS: 92-87-5 MW: 184.26 MOLFM: C12-H12-N2
SYN: BENZIDIN (Czech) * BENZIDINA (Italian) * BENZIDINE (DOT) * BENZYDINA (Polish) * p,p'-BIANILINE * 4,4'-BIANILINE * (1,1'-BIPHENYL)-4,4'-DIAMINE (9CI) * 4,4'-BIPHENYLDIAMINE * BIPHENYL-4,4'-DIAMINO * 4,4'-BIPHENYLENEDIAMINE * C.I. 37525 * C.I. AZOIC DIAZO COMPONENT 112 * p,p'-DIAMINOBIPHENYL * 4,4'-DIAMINO-1,1'-BIPHENYL * p-DIAMINODIPHENYL * 4,4'-DIAMINODIPHENYL * p,p'-DIANILINE * 4,4'-DIPHENYLENEDIAMINE * FAST GRUNDBASE B * NCI-C03361 * RCRA WASTE NUMBER U021 * UN 1885 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 25 ug/plate MUREAV 67,123,79
mma-sat 25 ug/plate MUREAV 124,325,83
mma-esc 100 ug/plate PMRSDJ 1,387,81
dnr-mus-lvr 60 umol/L JJINDS 62,947,79

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

dnr-esc 1 mg/plate MUREAV 54,101,78
mrc-esc 150 ug/well MUREAV 46,53,77
pic-esc 100 mmol/L MDMIAZ 31,11,79
dnd-bcs 2 mg/disc PMRSDJ 1,175,81
oms-omi 30 umol/L CNREA8 40,2839,80
sln-dmg-par 5 mmol/L MUREAV 56,31,77
dnr-smc 100 mg/L PMRSDJ 1,502,81
mrc-smc 100 mg/L PMRSDJ 1,491,81
sln-smc 50 mg/L PMRSDJ 1,468,81
dns-hmn-hla 100 umol/L CNREA8 38,2621,78
dns-hmn-fbr 160 ug/L PMRSDJ 1,528,81
dns-hmn-hla 600 umol/L/30M-C JEPTDQ 2(1),65,78
sce-man-lhl 7 ug/m3/27W POLEAQ 35,53,80
sce-hmn-lym 23 mg/L CNREA8 40,4775,80
mnt-rat-scu 410 mg/kg MUREAV 40,43,76
dnd-rat-lvr 3 mmol/L SinJF# 26OCT82
dnd-rat-ipr 1080 umol/kg CRNGDP 2,1317,81
dnd-rat-par 11600 ug/kg CNREA8 42,2678,82
dnd-rat-orl 200 mg/kg ENMUDM 4,667,82
dns-rat-orl 200 mg/kg ENMUDM 4,553,82
dns-rat-lvr 100 nmol/L MUREAV 136,255,84
dns-rat-orl 200 mg/kg ENMUDM 4,667,82
bfa-rat-sat 250 umol/kg TXCYAC 21,233,81
cyt-rat-lvr 12500 ug/L PMRSDJ 1,570,81
hma-rat-sat 1 mmol/kg MUREAV 93,317,82
mnt-mus-ipr 6400 ug/kg PMRSDJ 1,686,81
otr-mus-emb 2500 ug/L TCMUDB 3,101,83
dnd-mus-ipr 150 mg/kg BSIBAC 56,1673,80
dnd-mus-orl 9600 ug/kg CNREA8 42,2678,82
dni-mus-orl 20 gm/kg ARGEAR 51,605,81
dni-mus-orl 200 mg/kg MUREAV 46,305,77
sce-mus-ipr 7700 ug/kg MUREAV 108,225,83
msc-mus-lym 500 ug/L MUREAV 125,291,84
slt-ham-ovr 600 mg/L PMRSDJ 1,594,81
otr-ham-emb 50 ug/L CALEDQ 3,45,77
otr-ham-kdy 80 ug/L BJCAAI 37,873,78
dnd-ham-lng 100 umol/L/2H BBRCA9 72,732,76
dns-ham-lvr 20 nmol/L MUREAV 136,255,84
cyt-ham-ovr 1670 mg/L PMRSDJ 1,551,81
sce-ham-ovr 3330 mg/L PMRSDJ 1,551,81
msc-ham-ovr 20 mg/L MUREAV 94,449,82
dnd-dog-orl 60 umol/kg EVHPAZ 49,125,83
dnd-mam-lym 30 umol/L CNREA8 40,2839,80
oms-dog-oth 100 umol/L CNREA8 44,1893,84
dnd-dog-oth 100 umol/L CNREA8 44,1893,84
dns-rbt-lvr 1 umol/L CNREA8 43,3120,83

TUMORIGENIC DATA AND REFERENCES:
3V01M14M60 ihl-man TCLo:17600 ug/m3/14Y-C AEHLAU 27,1,73
2V01R60 orl-rat TDLo:108 mg/kg/27D-I CNREA8 28,924,68
3V03L60P61 ihl-rat TCLo:10 mg/m3/56W-I BEXBAN 69,68,70
3V01D45L60 scu-rat TDLo:2025 mg/kg/27W-I CANCAR 3,789,50
3V03L60R60 itr-rat TDLo:315 mg/kg/34W BEXBAN 69,68,70
3V03J60L60 scu-mus TDLo:8400 mg/kg/35W-I VOONAW 17(5),61,71
2V03L60 orl-ham TDLo:75 mg/kg/3Y-C 85DAAC 5,129,66
2V03L60 scu-mus TD :1620 gm/kg/45W-I AICCA6 7,46,50

TOXICITY DATA AND REFERENCES:
orl-rat LD50:309 mg/kg NTIS** PB214-270
orl-mus LD50:214 mg/kg NTIS** PB214-270
ipr-mus LD50:110 mg/kg PMRSDJ 1,682,81
orl-dog LDLo:200 mg/kg AEXPBL 58,167,1907
scu-dog LDLo:400 mg/kg 85ESA3 9,140,76
orl-rbt LDLo:200 mg/kg AEXPBL 58,167,1907

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EAHB** -,38,74; KHZHAZ 12(2),85,76; ADCSAJ 13,271,70; BLFSBY 24,253,83
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 1,80,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,80,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 29,149,82
★ CARCINOGENIC REVIEW:HUMAN POSITIVE IARC** 29,149,82
★ TLV-HUMAN CARCINOGEN; NO TWA DTLVS* 4,41,80

STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39,3756,74
★ DOT-HAZARD-POISON B; LABEL:POISON CFRGBR 49,172,101,82

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
NIOSH MANUAL OF ANALYTICAL METHODS: VOL 1 243
NIOSH MANUAL OF ANALYTICAL METHODS: TO BE REVISED BY JUNE, 1985
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.: see: METHODS 5013, 8304 and 8306
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3,3'-BENZINEDICARBOXYLIC ACID see: DV3325000

3,3'-BENZIDINE DICARBOXYLIC ACID, DISODIUM SALT see: DV3850000

DD0524000 BENZIDINE, 2,2'-DICHLORO-

UPDT:8403 CAS: 84-68-4 MW: 253.14 MOLFM: C12-H10-Cl2-N2
SYN: (1,1'-BIPHENYL)-4,4'-DIAMINE, 2,2'-DICHLORO- (9CI) * 2,2'-DICHLOROBENZIDINE

MUTATION DATA AND REFERENCES:
dns-hmn-hla 100 nmol/L CNREA8 38,2621,78

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DD0525000 BENZIDINE, 3,3'-DICHLORO-

UPDT:8408 CAS: 91-94-1 MW: 253.14 MOLFM: C12-H10-Cl2-N2
SYN: (1,1'-BIPHENYL)-4,4'-DIAMINE, 3,3'-DICHLORO- * C.I. 23060 * CURITHANE C126 * DCB * 4,4'-DIAMINO-3,3'-DICHLOROBIPHENYL * 4,4'-DIAMINO-3,3'-DICHLORODIPHENYL * 3,3'-DICHLORBENZIDIN (Czech) * 3,3'-DICHLOROBENZIDINA (Spanish) * DICHLOROBENZIDINE * o,o'-DICHLOROBENZIDINE * 3,3'-DICHLOROBENZIDINE * DICHLOROBENZIDINE BASE * 3,3'-DICHLORO-4,4'-BIPHENYLDIAMINE * 3,3'-DICHLOROBIPHENYL-4,4'-DIAMINE * 3,3'-DICHLORO-4,4'-DIAMINOBIPHENYL * 3,3'-DICHLORO-4,4'-DIAMINO(1,1'-BIPHENYL) * RCRA WASTE NUMBER U073

MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate CALEDQ 4,21,77
mma-sat 5 ug/plate ENMUDM 6,145,84
dns-hmn-hla 100 nmol/L CNREA8 38,2621,78
bfa-rat-sat 40 mg/kg SAIGBL 23,426,81
otr-ham-kdy 80 ug/L BJCAAI 37,873,78
dnd-mam-lym 25500 nmol/L CBINAB 38,369,82

TUMORIGENIC DATA AND REFERENCES:
3V01P60R60 orl-rat TDLo:17 gm/kg/50W-C TXAPA9 31,159,75
2V03V10 scu-rat TDLo:7 gm/kg/43W-I VOONAW 5(5),524,59
2V03L60 orl-mus TDLo:5100 mg/kg/43W-I VOONAW 5(5),524,59
3V01T65J60 scu-mus TDLo:320 mg/kg (15-21D preg) BEXBAN 78,1402,74
3V03L60V10 scu-mus TDLo:5200 mg/kg/47W-I VOONAW 5(5),524,59
3V03L60M60 orl-dog TDLo:17 gm/kg/7Y-I DUPON* HL 623-74,74
3V03L60M60 orl-ham TDLo:176 gm/kg/70W-C PAACA3 10,78,69
3V03K60R60 orl-rat TD :20 gm/kg/52W-I VOONAW 5(5),524,59
3V01P60R60 orl-rat TD :21 gm/kg/50W-C TXAPA9 31,159,75

TOXICITY DATA AND REFERENCES:
orl-rat LD50:7070 mg/kg IARC** 29,239,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCSAJ 13,271,70
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,49,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 29,239,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 29,239,82
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,127,80

STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39,3756,74

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
NIOSH MANUAL OF ANALYTICAL METHODS: VOL 1 246
NIOSH MANUAL OF ANALYTICAL METHODS: TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD0550000 BENZIDINE, 3,3'-DICHLORO-, DIHYDROCHLORIDE

UPDT:8405 CAS: 612-83-9 MW: 326.06 MOLFM: C12-H10-Cl2-N2 · 2Cl-H
SYN: (1,1'-BIPHENYL)-4,4'-DIAMINE, 3,3'-DICHLORO-, DIHYDROCHLORIDE * 3,3'-DICHLOROBENZIDINE DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate ENMUDM 5(Suppl 1),3,83
mma-sat 1 ug/plate ENMUDM 5(Suppl 1),3,83

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3820 mg/kg 34ZIAG -,211,69

STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39,3756,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DD0575000 BENZIDINE, 3,3'-DICHLORO-, SULFATE

UPDT:8403 CAS: 64414-68-2 MW: 351.22 MOLFM: C12-H10-Cl2-N2 · H2-O4-S
SYN: (1,1'-BIPHENYL)-4,4'-DIAMINE, 3,3'-DICHLORO-, SULFATE (1:1); (9CI) * 3,3'-DICHLOROBENZIDINE SULPHATE

MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate CALEDQ 1,39,75
mma-sat 50 ug/plate CALEDQ 1,39,75

STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39,3756,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DD0600000 BENZIDINE, DIHYDROCHLORIDE

UPDT:8411 CAS: 531-85-1 MW: 257.18 MOLFM: C12-H12-N2 · 2Cl-H
SYN: BENZIDINE HYDROCHLORIDE * (1,1'-BIPHENYL)-4,4'-DIAMINE, DIHYDROCHLORIDE * DIHIDROCLORURO de BENZIDINA (Spanish)

MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate MUREAV 136,33,84
mma-sat 100 nmol/plate MUREAV 136,33,84
dnd-mtc 20 umol/L MUREAV 89,95,81
dnd-hmn-hla 20 umol/L MUREAV 89,95,81
dnd-rat-ipr 250 mg/kg CNREA8 38,1589,78
dnd-rat-scu 250 mg/kg CNREA8 38,1589,78
sce-ham-ipr 12500 ug/kg MUREAV 113,33,83
sce-ham-orl 12500 ug/kg MUREAV 113,33,83

TUMORIGENIC DATA AND REFERENCES:
3V01N60R60 ipr-rat TDLo:62 mg/kg/4W-I CRNGDP 2,747,81
2V01L60 orl-mus TDLo:3360 mg/kg/80W-C TXAPA9 64,171,82
2V03L60 orl-ham TDLo:75 mg/kg/3Y-C 85DAAC 5,129,66
3V03L60N60 orl-mus TD :1600 mg/kg/84W-C CNREA8 35,2814,75
2V01L60 orl-mus TD :5040 mg/kg/60W-C TXAPA9 64,171,82
3V01J60L60 orl-mus TD :4064 mg/kg/80W-C EJCAAH 16,1205,80
2V03L60 orl-mus TD :1680 mg/kg/40W-C TOPADD 9,1,81

TOXICITY DATA AND REFERENCES:
orl-dog LDLo:200 mg/kg 85ESA3 9,140,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZIDINE, 3,3'-DIHYDROXY- see: DV4900000

DD0875000 BENZIDINE, 3,3'-DIMETHOXY-

UPDT:8412 CAS: 119-90-4 MW: 244.32 MOLFM: C14-H16-N2-O2
SYN: ACETAMINE DIAZO BLACK RD * ACETAMINE DIAZO NAVY RD * AMACEL DEVELOPED NAVY SD * AZOENE FAST BLUE BASE * AZOENE FAST BLUE SALT * AZOFIX BLUE B SALT * AZOGENE FAST BLUE B * AZOGENE FAST BLUE B SALT * BLUE BASE IRGA B * BLUE BASE NB * BLUE BN BASE * BLUE BN SALT * BLUE SALT NB * BRENTAMINE FAST BLUE B BASE * BRENTAMINE FAST BLUE B SALT * CELLITAZOL B * CELLITAZOL BN * C.I. 24110 * C.I. AZOIC DIAZO COMPONENT 48 * C.I. AZOIC DIAZO COMPONENT 48, FAST BLUE B SALT * CIBACETE DIAZO NAVY BLUE 2B * C.I. DISPERSE BLACK 6 * DIACELLITON FAST GREY G * DIACEL NAVY DC * o-DIANISIDIN (Czech, German) * o-DIANISIDINA (Italian) * DIANISIDINE * o-DIANISIDINE * O,O'-DIANISIDINE * 3,3'-DIANISIDINE * DIATO BLUE BASE B * DIATO BLUE SALT B * DIAZO FAST BLUE B * 3,3'-DIMETHOXYBENZIDIN (Czech) * 3,3'-DIMETHOXYBENZIDINE * 3,3'-DIMETOSSIBENZIDINA (Italian) * FAST BLUE B BASE * FAST BLUE BN SALT * FAST BLUE DSC BASE * FAST BLUE DS SALT * FAST BLUE SALT B * FAST BLUE SALT BN * HILTONIL FAST BLUE B BASE * HILTOSAL FAST BLUE B SALT * HINDASOL BLUE B SALT * KAKO BLUE B SALT * KAYAKU BLUE B BASE * KAYAKU BLUE B SALT * LAKE BLUE B BASE * MEISEI TERYL DIAZO BLUE HR * MITSUI BLUE B BASE * MITSUI BLUE G SALT * NAPHTHANIL BLUE B BASE * NATASOL BLUE B SALT * NEUTROSEL NAVY BN * RCRA WASTE NUMBER U091 * SANYO FAST BLUE SALT B * SETACYL DIAZO NAVY R * SPECTROLENE BLUE B

MUTATION DATA AND REFERENCES:
mmo-sat 333 ug/plate ENMUDM 5(Suppl 1),3,83
mma-sat 1 ug/plate IGAYAY 123,18,82
pic-esc 100 mmol/L MDMIAZ 31,11,79
dns-hmn-hla 100 nmol/L CNREA8 38,2621,78
dns-rat-lvr 500 umol/L ENMUDM 3,311,81
otr-ham-kdy 80 ug/L BJCAAI 37,873,78
dnd-dog-oth 100 umol/L CNREA8 44,1893,84
dnd-dog-oth 100 umol/L CNREA8 44,1893,84

TUMORIGENIC DATA AND REFERENCES:
3V03D45R60 orl-rat TDLo:12 gm/kg/56W-I GTPZAB 9(7),18,65
2V03M60 orl-ham TDLo:588 gm/kg/70W-C PAACA3 10,78,69

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1920 mg/kg 28ZPAK -,119,72
orl-dog LDLo:600 mg/kg AEXPBL 58,167,1907

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; ADCSAJ 13,271,70
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,41,74

STATUS:
NTP CARCINOGENESIS STUDIES ON TEST, OCTOBER 1984

INCLUSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD1050000 BENZIDINE, 3,3'-DIMETHOXY-, DIHYDROCHLORIDE
UPDT:8412 CAS: 20325-40-0 MW: 317.24 MOLFM: C14-H16-N2-O2 .2Cl.H
SYN: C.I. DISPERSE BLACK 6 DIHYDROCHLORIDE * 3,3-DIMETHOXYBENZIDINE DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate — MUREAV 136,33,84
mma-sat 100 nmol/plate — MUREAV 136,33,84

TUMORIGENIC DATA AND REFERENCES:
3V01D45T61 orl-rat TDLo:1040 mg/kg:1Y-I — JNCIAM 41,925,68
3V01D45R60 orl-rat TD :11 gm/kg/51W-I — JNCIAM 41,985,68

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD1225000 BENZIDINE, 3,3'-DIMETHYL-
UPDT:8412 CAS: 119-93-7 MW: 212.32 MOLFM: C14-H16-N2
SYN: BIANISIDINE * (1,1-BIPHENYL)-4,4-DIAMINE,3,3-DIMETHYL- * 4,4-BI-o-TOLUIDINE * C.I. 37230 * C.I. AZOIC DIAZO COMPONENT 113 * 4,4-DIAMINO-3,3-DIMETHYLBIPHENYL * 4,4-DIAMINO-3,3-DIMETHYLDIPHENYL * DIAMINODITOLYL * 3,3-DIMETHYLBENZIDIN * 3,3-DIMETHYLBENZIDINE * 3,3-DIMETHYL-4,4-BIPHENYLDIAMINE * 3,3-DIMETHYLBIPHENYL-4,4-DIAMINE * 3,3-DIMETHYL-4,4-DIPHENYLDIAMINE * 3,3-DIMETHYLDIPHENYL-4,4-DIAMINE * 4,4-DI-o-TOLUIDINE * FAST DARK BLUE BASE R * RCRA WASTE NUMBER U095 * o-TOLIDIN * 2-TOLIDIN (German) * 2-TOLUIDINA (Italian) * TOLUIDINE * o-TOLUIDINE * o,o'-TOLUIDINE * 2-TOLUIDINE * 3,3-TOLIDINE

MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate — MUREAV 136,33,84
mma-sat 10 ug/plate — ENMUDM 5(Suppl 1),3,83
dns-hmn:hla 1 umol/L — CNREAB 38,2621,78
dns-rat:lvr 1 umol/L — MUREAV 136,255,84
bfa-rat/sat 10 ug/plate — MUFEAV 79,173,80
hma-rat/sat 50 ug/plate — MUFEAV 79,173,80
dni-mus-orl 100 mg/kg — MUKEAV 46,305,77
otr-ham:kdy 80 ug/L — BJCAAI 37,873,78
dns-ham:lvr 1 umol/L — MUREAV 136,255,84
sce-rbt:lym 50 mg/L — MUREAV 89,197,81

TUMORIGENIC DATA AND REFERENCES:
2V01R60 orl-rat TDLo:4500 mg/kg/27D-I — CNREAB 28,924,68
3V03N60R60 scu-rat TDLo:3240 mg/kg/34W-I — JNCIAM 45,283,70
3V03L60R60 ims-rat TDLo:5040 mg/kg/1Y-I — JNCIAM 45,283,70
2V03D45 scu-rat TD :9 gm/kg/51W-I — CANCAR 3,789,50
3V03D45N60 scu-rat TD :5040 mg/kg/56W-I — GTPZAB 9(7),18,65

TOXICITY DATA AND REFERENCES:
orl-rat LD50:404 mg/kg — 2BZPAK -,71,72
ipr-rat LDLo:125 mg/kg — CBCCT* 6,64,54
ipr-mus LDLo:125 mg/kg — CBCCT* 6,64,54
orl-dog LDLo:600 mg/kg — AEXPBL 58,167,1907

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 1,87,72
★ TLV-SUSPECTED CARCINOGEN — DTLVS* 4,403,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO o-TOLUIDINE recm std:CL 20 ug/m3/60M; avoid skin contact

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5013
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

gamma,gamma'-,3,3'-BENZIDINE DIOXYDIBUTYRIC ACID see: ES8950000
3,3'-BENZIDINE, gamma,gamma'-DIOXYDIBUTYRIC ACID see: ES8950000
BENZIDINE (DOT) see: DC9625000
BENZIDINE HYDROCHLORIDE see: DD0600000
BENZIDINE LACQUER YELLOW G see: AK4580000

DD1575000 BENZIDINE SULFATE
UPDT:8401 CAS: 531-86-2 MW: 282.34 MOLFM: C12-H12-N2-H2-O4-S
SYN: (1,1-BIPHENYL)-4,4-DIAMINE, SULFATE (1:1)

TUMORIGENIC DATA AND REFERENCES:
3V01D45L60 scu-rat TDLo:2475 mg/kg/33W-I — CANCAR 3,789,50
3V01L60R60 scu-rat TD :3900 mg/kg/52W-I — GTPZAB 19(6),28,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZIDINE, 3-SULFO- see: DV8525000
BENZIDINE-3-SULFURIC ACID see: DV8525000
BENZIDINE-3-SULPHURIC ACID see: DV8525000

DD1751000 BENZIDINE, 2,2',5,5'-TETRACHLORO-
UPDT:8401 CAS: 15721-02-5 MW: 322.02 MOLFM: C12-H8-Cl4-N2
SYN: (1,1-BIPHENYL)-4,4-DIAMINE, 2,2',5,5'-TETRACHLORO- (9CI) * TETRACHLOROBENZIDINE * 2,2',5,5'-TETRACHLOROBENZIDINE * 3,3,6,6-TETRACHLOROBENZIDINE * 2,2',5,5'-TETRACHLORO-4,4'-DIAMINODIPHENYL

TUMORIGENIC DATA AND REFERENCES:
3V03M60P62 orl-rat TDLo:54 mg/kg/43W-C — JMEJAS 25,123,78
3V01M60P62 orl-mus TDLo:36 mg/kg/43W-C — JMEJAS 25,123,78
2V01R60 orl-mus TD :300 gm/kg/43W-C — IARC** 27,141,82
2V03M60 orl-rat TD :900 gm/kg/43W-C — IARC** 27,141,82

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 27,141,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE — IARC** 27,141,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD1751020 BENZIDINE, 3,3',5,5'-TETRACHLORO-
UPDT:8402 CAS: 41687-08-5 MW: 322.02 MOLFM: C12-H8-Cl4-N2
SYN: (1,1-BIPHENYL)-4,4-DIAMINE, 3,3',5,5'-TETRACHLORO- (9CI) * 3,3',5,5'-TETRACHLOROBENZIDINE

MUTATION DATA AND REFERENCES:
dns-hmn:hla 10 umol/L — CNREAB 38,2621,78

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DD1751080 BENZIDINE, 3,3',5,5'-TETRAFLUORO-
UPDT:8403 CAS: 42794-87-6 MW: 256.22 MOLFM: C12-H8-F4-N2
SYN: (1,1-BIPHENYL)-4,4-DIAMINE, 3,3',5,5'-TETRAFLUORO- (9CI) * 3,3',5,5'-TETRAFLUOROBENZIDINE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate — CALEDQ 1,29,75
mma-sat 50 ug/plate — CALEDQ 1,39,75
dns-hmn:hla 100 nmol/L — CNREAB 38,2621,78

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DD1752000 BENZIDINE, TETRAMETHYL-
UPDT:8408 CAS: 34314-06-2 MW: 240.38 MOLFM: C16-H20-N2
SYN: TETRAMETHYLBENZIDINE * (1,1-BIPHENYL)-4,4-DIAMINE, TETRAMETHYL- (9CI)

MUTATION DATA AND REFERENCES:
dnd-bcs 2 mg/disc — PMRSDJ 1,175,81

BENZIDINE YELLOW see: AK4580000
BENZIDINE YELLOW 45-2650 see: AK4580000
BENZIDINE YELLOW 45-2680 see: AK4580000
BENZIDINE YELLOW 45-2685 see: AK4580000
BENZIDENE YELLOW ABZ-245 see: AK4580000
BENZIDINE YELLOW E see: AK4580000
BENZIDINE YELLOW G see: AK4580000
BENZIDINE YELLOW GF see: AK4580000
BENZIDINE YELLOW GR see: AK4580000
BENZIDINE YELLOW GT see: AK4580000
BENZIDINE YELLOW GTR see: AK4580000
BENZIDINE YELLOW HG see: AK4580000
BENZIDINE YELLOW HG PLV see: AK4580000
BENZIDINE YELLOW TONER see: AK4580000
BENZIDINE YELLOW TONER YA-8081 see: AK4580000
BENZIDINE YELLOW TONER YT-378 see: AK4580000
BENZIDINE YELLOW WD-266 (WATER DISPERSIBLE) see: AK4580000
BENZIDENE YELLOW YB-1 see: AK4580000
BENZIDIN-3-YL HYDROGEN SULFATE see: WS6180000
BENZIDIN-3-YL HYDROGEN SULPHATE see: WS6180000
BENZIES see: SI1750000
BENZILAN see: DD2275000
BENZILATE du DIETHYLAMINO-ETHANOL CHLORHYDRATE (French) see: DD2800000
BENZILATE ESTER of N-(beta-HYDROXYETHYL)NORGRANATANE HYDROCHLORIDE see: CL5491700
1-BENZILBIGUANIDE CLORIDRATO (Italian) see: DU1106000
6-BENZIL-2-(DIETILAMMINO)CROMONE (Italian) see: GB7895300
8-BENZIL-2-(DIETILAMMINO)CROMONE (Italian) see: GB7895310
8-BENZIL-2-(DIMETILAMMINO)CROMONE (Italian) see: GB7895400
4-BENZIL-1,2-DIFENIL-3,5-DICHETO-PIRAZOLIDINA (Italian) see: UQ8170000
BENZILE (CLORURO DI) (Italian) see: XS8925000
N-beta-(BENZILFENILAMINO)ETILPIPERIDINA CLORIDRATO (Italian) see: TM4728600
1-(2-(2-BENZILFENOSSI)-1-METILETIL)-PIPERIDINA FOSFATO (Italian) see: TN1304400

DD2067000 BENZILIC ACID, 4-BUTOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 436.04 MOLFM: C24-H33-N-O4 .Cl.H
SYN: 4-BUTOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:256 mg/kg — AIPTAK 121,415,59
3F11F19K13 ivn-dog LD50:17300 ug/kg — AIPTAK 121,415,59

DD2067010 BENZILIC ACID, 4-sec-BUTOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 436.04 MOLFM: C24-H33-N-O4 .Cl.H
SYN: 4-sec-BUTOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:152 mg/kg — AIPTAK 121,415,59

DD2088000 BENZILIC ACID, 4-(DECYLOXY)-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 520.22 MOLFM: C30-H45-N-O4 .Cl.H
SYN: 4-(DECYLOXY)BENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:367 mg/kg — AIPTAK 121,415,59

DD2100000 BENZILIC ACID, 4,4'-DIBROMO-, ISOPROPYL ESTER
UPDT:8403 CAS: 18181-80-1 MW: 428.15 MOLFM: C17-H16-Br2-O3
SYN: ACAROL * ASCAROL 2E * BENZENEACETIC ACID, 4-BROMO-alpha-(4-BROMOPHENYL)-alpha-HYDROXY-, 1-METHYLETHYL ESTER * 4-BROMO-alpha-(4-BROMOPHENYL)-alpha-HYDROXYBENZENEACETIC ACID 1-METHYL ETHYL ESTER * BROMOPROPYLATE * CIBA-GEIGY GS 19851 * 4,4'-DIBROMOBENZILIC ACID ISOPROPYL ESTER * ENT 27552 * GEIGY GS-19851 * GS 19851 * ISOPROPYL 4,4'-DIBROMOBENZILATE * 1-METHYLETHYL 4-BROMO-alpha-(4-BROMOPHENYL)-alpha-HYDROXYBENZENEACETATE * NEORON * NSC 195087 * PHENISOBROMOLATE

IRRITATION DATA AND REFERENCES:
skn-rbt 121 mg open MOD — CIGET* -,-,77
eye-rbt 600 ug MLD — CIGET* -,-,77

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5000 mg/kg — BESAAT 15,97,69
orl-mus LD50:8000 mg/kg — 28ZEAL 5,29,76
skn-rbt LD50:10200 mg/kg — CIGET* -,-,77

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 56,107,75

DD2275000 BENZILIC ACID, 4,4'-DICHLORO-, ETHYL ESTER
UPDT:8412 CAS: 510-15-6 MW: 325.20 MOLFM: C16-H14-Cl2-O3
SYN: ACAB * ACARABEN * ACARABEN 4E * AKAR * AKAR 50 * AKAR 338 * BENZENEACETIC ACID 4-CHLORO-alpha-(4-CHLOROPHENYL)-alpha-HYDROXY-, ETHYL ESTER * BENZILAN * BENZ-O-CHLOR * CHLORBENZILAT * CHLORBENZILATE * CHLORBENZYLATE * CHLOROBENZILATE * CHLOROBENZYLATE * COMPOUND 338 * 4,4'-DICHLORBENZILATE * 4,4'-DICHLOROBENZILIC ACID ETHYL ESTER * 4,4'-DICHLORBENZILSAEUREAETHYLESTER (German) * ENT 18,596 * ETHYL 4-CHLORO-alpha-(4-CHLOROPHENYL)-alpha-HYDROXYBENZENEACETATE * ETHYL p,p'-DICHLOROBENZKATE * ETHYL 4,4'-DICHLOROBENZILATE * ETHYL 4,4'-DICHLORODIPHENYL GLYCOLLATE * ETHYL 4,4'-DICHLOROPHENYL GLYCOLLATE * ETHYL ESTER of 4,4'-DICHLOROBENZILIC ACID * ETHYL 2-HYDROXY 2,2-BIS(4-CHLOROPHENYL)ACETATE * FOLBEX * FOLBEX SMOKE STRIPS * G 338 * G 23992 * GEIGY 338 * KOP-MITE * NCI-C00408 * NCI-C60413 * RCRA WASTE NUMBER U038

IRRITATION DATA AND REFERENCES:
skn-rbt 125 mg open MLD — CIGET* -,-,77
eye-rbt 25 mg MOD — CIGET* -,-,77

TUMORIGENIC DATA AND REFERENCES:
3V01P62R60 orl-rat TDLo:5475 mg/kg/2Y-C — CTOXAO 16,67,80
3V01L60P62 orl-mus TDLo:71 gm/kg/82W-C — JNCIAM 42,1101,69
2V01L60 orl-mus TD :210 gm/kg/78W-C — NCITR* NCI-CG-TR-75,78
2V01K60 orl-mus TD :125 gm/kg/83W-C — DIGEBW 16,308,77
3V01P62R60 orl-rat TD :17520 mg/kg/2Y-C — CTOXAO 16,67,80
2V03L60 orl-rat TD :72 gm/kg/78W-C — NCITR* NCI-CG-TR-75,78
3V02N61R60 orl-rat TD :1752 mg/kg/2Y-C — CTOXAO 16,67,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:700 mg/kg — WRPCA2 9,119,70
orl-mus LD50:729 mg/kg — GUCHAZ 6,106,73
unk-mus LD50:729 mg/kg — 30ZDA9 -,141,71
orl-ham LD50:700 mg/kg — TXAPA9 48,A192,79

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 56,107,75; 85CVA2 5,250,70; CTOXAO 13,231,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 5,75,74
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 30,73,83

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE MOUSE (NCITR* NCI-CG-TR-75,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE RAT (NCITR* NCI-CG-TR-75,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

DD2450000 BENZILIC ACID, 4,4'-DICHLORO-, ISOPROPYL ESTER
UPDT:8309 CAS: 5836-10-2 MW: 339.23 MOLFM: C17-H16-Cl2-O3
SYN: ACARALATE * CHLORMITE * CHLOROPROPYLATE * ENT 26,999 * G 24,163 * GESAKUR * ISOPROPYL 4,4-DICHLOROBENZILATE * 1-METHYLETHYL 4-CHLORO-alpha-(4-CHLOROPHENYL)-alpha-HYDROXYBENZENEACETATE * PROPYL p,p-DICHLOROBENZILATE * R'-LIPAN * ROSPIN
IRRITATION DATA AND REFERENCES:
skn-rbt 125 mg open MLD — CIGET* -,-,77
eye-rbt 25 mg SEV — CIGET* -,-,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5 gm/kg — 28ZEAL 4,256,69
orl-mus LD50:5 gm/kg — 28ZEAL 4,256,69
skn-rbt LD50:10200 mg/kg — CIGET* -,-,77
orl-chn LD50:2500 mg/kg — 31ZOAD 1,94,68
orl-bwd LD50:2500 mg/kg — 28ZEAL 4,256,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 56,107,75
BENZILIC ACID beta-DIETHYLAMINOETHYL ESTER see: DD2480000

DD2480000 BENZILIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER
UPDT:8403 CAS: 302-40-9 MW: 327.46 MOLFM: C20-H25-N-O3
SYN: BENACTYZIN * BENACTIZINA (Italian) * BENACTYZINE * BENZENEACETIC ACID, alpha-HYDROXY-alpha-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER (9CI) * BENZILIC ACID beta-DIETHYLAMINOETHYL ESTER * DIAZIL * DIETHYLAMINOETHYL BENZILATE * beta-DIETHYLAMINOETHYL BENZILATE * 2-(DIETHYLAMINO)ETHYL BENZILATE * 2-(DIETHYLAMINO)ETHYL DIPHENYLGLYCOLATE * DIPHENYLGLYCOLIC ACID 2-(DIETHYLAMINO)ETHYL ESTER * alpha-HYDROXY-alpha-PHENYLBENZENEACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER
MUTATION DATA AND REFERENCES:
cyt-ham-ipr 10 mg/kg — ACNSAX 17,253,75
TOXICITY DATA AND REFERENCES:
* ims-rat LD50:135 mg/kg — NTIS** AD-A099-745
* ipr-mus LD50:100 mg/kg — BCFAAI 111,293,72
BENZILIC ACID beta-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE see: DD2800000

DD2800000 BENZILIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
UPDT:8403 CAS: 57-37-4 MW: 363.92 MOLFM: C20-H25-N-O3-Cl-H
SYN: ACTOZINE * AKTOZIN * AMIOYL * AMISIL * AMISYL * AMITARON * AMIZIL * AMIZIL HYDROCHLORIDE * AMYZYL * AMIZYL HYDROCHLORIDE * AMYSYL * ARCADINE * ARKADIN * AY 5406 * AY 5406-1 * BENACTIZINE HYDROCHLORIDE * BENACTYZIN (Czech) * BENACTYZINE CHLORIDE * BENACTYZINE HYDROCHLORIDE * BENAKTIN * BENZENEACETIC ACID, alpha-HYDROXY-alpha-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE * BENZILATE du DIETHYLAMINO-ETHANOL CHLORHYDRATE (French) * BENZILIC ACID beta-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE * LAFRON * CEDAD * CEVANOL * DESTENDO * beta-DIETHYLAMINOETHYL BENZILATE HYDROCHLORIDE * 2-DIETHYLAMINOETHYL BENZILATE HYDROCHLORIDE * 2-DIETHYLAMINOETHYL DIPHENYLGLYCOLATE HYDROCHLORIDE * 2-(DIFENYL HYDROXYACETOXY)ETHYL DIETHYLAMMONIUMCHLORID (Czech) * DIPHENYLGLYCOLLIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * ETHANOL 2-(DIETHYLAMINO)-, BENZILATE HYDROCHLORIDE * FOBEK * IBIOTYZIL * KATRON * LEUCIDIL * LUCIDIL * NERVACTON * NERVATIL * NEURAKTIL * NEUROBENZIL * NEUROLEPTONE * NUTINAL * PARAZAN * PARAZAN * PARPON * PHOBEX * PROCALM * PROKALM * STOKION * SUAVITIL * TRANQUILLIN * TRANQUILLINE * VALLADAN * VALLADON * WIN 5606
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 scu-rat TDLo:500 ug/kg (1D male) — PSYPAG 10,44,66
TOXICITY DATA AND REFERENCES:
1F10 orl-hmn TDLo:14 ug/kg — 27ZQAG -,363,72
orl-rat LD50:166 mg/kg — TXAPA9 1,42,59
ipr-rat LD50:100 mg/kg — APTOA6 11,405,55
orl-mus LD50:160 mg/kg — 27ZQAG -,363,72
ipr-mus LD50:76 mg/kg — JPETAB 74,274,42
scu-mus LD50:250 mg/kg — 27ZQAG -,363,72
ivn-mus LD50:14 mg/kg — 28ZPAK -,253,72
idr-mus LD50:350 mg/kg — AIPTAK 59,149,38
ipr-rbt LD50:100 mg/kg — APTOA6 11,405,55
ivn-rbt LD50:15 mg/kg — 27ZQAG -,363,72
ipr-gpg LD50:100 mg/kg — APTOA6 11,405,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD3155000 BENZILIC ACID, 2-(DIMETHYLAMINO)-2-METHYLPROPYL ESTER
UPDT:8403 CAS: 3477-97-2 MW: 334.46 MOLFM: C20-H27-N4-O
SYN: BENZENEACETIC ACID, alpha-HYDROXY-alpha-PHENYL-, 2-(DIMETHYLAMINO)-2-METHYLPROPYL ESTER * DIEMERINE * 2-(DIMETHYLAMINO)-1,1-DIMETHYLETHYL BENZILATE * 2-(DIMETHYLAMINO)-2-METHYLPROPYL BENZILATE * 2-(DIMETHYLAMINO)-2-METHYLPROPYL DIPHENYLGLYCOLATE * alpha-HYDROXY alpha-PHENYLBENZENEACETIC ACID 2-(DIMETHYLAMINO)-1,1-DIMETHYLETHYL ESTER * alpha-HYDROXY alpha-PHENYLBENZENEACETIC ACID 2-(DIMETHYLAMINO)-2-METHYLPROPYL ESTER
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:94 mg/kg — MEIEDD 10,455,83

DD3300000 BENZILIC ACID, 4-ETHOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 407.98 MOLFM: C22-H29-N-O4-Cl-H
SYN: 4-ETHOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:155 mg/kg — AIPTAK 121,415,59
BENZILIC ACID, ester with ETHYL(2-HYDROXYETHYL)DIMETHYLAMMONIUM CHLORIDE see: BQ2600000

DD3590000 BENZILIC ACID, 2-(ETHYLPROPYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8405 CAS: 3202-55-9 MW: 377.95 MOLFM: C21-H27-N-O3-Cl-H
SYN: AP 1288 * BENAPRYZINE HYDROCHLORIDE * BENZENEACETIC ACID, alpha-HYDROXY-alpha-PHENYL-, 2-(ETHYLPROPYLAMINO)ETHYL ESTER, HCl (9CI) * BRL 1288
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg — MEIEDD 10,146,83
* scu-mus LD50:400 mg/kg — MEIEDD 10,146,83
BENZILIC ACID, 1-ETHYL-3-PYRROLIDINYL ESTER ETHYL BROMIDE see: U74330000

DD3632000 BENZILIC ACID, 4-(HEPTYLOXY)-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 478.13 MOLFM: C27-H39-N-O4-Cl-H
SYN: 4-(HEPTYLOXY)BENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:235 mg/kg — AIPTAK 121,415,59

DD3635000 BENZILIC ACID, 4-(HEXYLOXY)-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 464.10 MOLFM: C26-H37-N-O4-Cl-H
SYN: 4-(HEXYLOXY)BENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * F 169
IRRITATION DATA AND REFERENCES:
skn-rbt 1 pph MLD — AIPTAK 137,410,62
eye-rbt 5000 ppm MLD — AIPTAK 137,410,62
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:115 mg/kg — AIPTAK 137,410,62
BENZILIC ACID, ester with 3-HYDROXY-1,1-DIMETHYLPIPERIDINIUM BROMIDE see: TN5950000
BENZILIC ACID ester with 2-(HYDROXYMETHYL)-1,1-DIMETHYLPIPERIDINIUM METHYL SULFATE see: TN5950070

DD3750000 BENZILIC ACID, 4-ISOBUTOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 436.04 MOLFM: C24-H33-N-O4-Cl-H
SYN: 4-ISOBUTOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:136 mg/kg — AIPTAK 121,415,59

DD3760000 BENZILIC ACID, 4-(ISOPENTYLOXY)-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 450.07 MOLFM: C25-H35-N-O4-Cl-H
SYN: 4-(ISOPENTYLOXY)BENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:176 mg/kg — AIPTAK 121,415,59

DD3770000 BENZILIC ACID, 4-ISOPROPOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 422.01 MOLFM: C23-H31-N-O4-Cl-H
SYN: 4-ISOPROPOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:143 mg/kg — AIPTAK 121,415,59

DD3780000 BENZILIC ACID, 2-(4-p-METHOXYBENZYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8403 MW: 533.56 MOLFM: C28-H32-N2-O4-2Cl-H
SYN: 2-(4-p-METHOXYBENZYL-1-PIPERAZINYL)ETHYL ESTER of BENZILIC ACID DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:175 mg/kg — JAPMAB 46,279,57

DD3790000 BENZILIC ACID, 4-METHOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 393.95 MOLFM: C21-H27-N-O4-Cl-H
SYN: 4-METHOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:75 mg/kg — AIPTAK 121,415,59

DD3840000 BENZILIC AICD, 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8403 MW: 427.41 MOLFM: C21-H26-N2-O3-2Cl-H
SYN: 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER of BENZILIC ACID DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:100 mg/kg — JAPMAB 46,279,57
BENZILIC ACID, 1-METHYL-3-PIPERIDYL ESTER METHOBROMIDE see: TN5950000

DD4090000 BENZILIC ACID, 4-(OCTYLOXY)-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 492.16 MOLFM: C28-H41-N-O4-Cl-H
SYN: 4-(OCTYLOXY)BENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:460 mg/kg — AIPTAK 121,415,59

DD4120000 BENZILIC ACID, 4-PENTYLOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 450.07 MOLFM: C25-H35-N-O4-Cl-H
SYN: 4-PENTYLOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:230 mg/kg — AIPTAK 121,415,59

DD4570000 BENZILIC ACID, 4-PROPOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 422.01 MOLFM: C23-H31-N-O4-Cl-H
SYN: 4-PROPOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:228 mg/kg — AIPTAK 121,415,59

DD4639000 BENZILIC ACID, 3-QUINUCLIDINYL ESTER, (+-)-
UPDT:8406 MW: 337.45 MOLFM: C21-H23-N-O3
SYN: BENZENEACETIC ACID, alpha-HYDROXY-alpha-PHENYL-, 1-AZABICYCLO(2.2.2)OCT-3-YL ESTER, (-)- * (-)-3-HYDROXYQUINUCLIDINE BENZILATE * (-)-OXYQUINUCLIDINE BENZILATE * (-)-3-QUINUCLIDINOL BENZILATE * (-)-beta-QUINUCLIDINYL BENZILATE * (+-)-3-QUINUCLIDINYL BENZILATE * (+-)-3-QUINUCLIDYL BENZILATE * (+-)-Ro 2-3308
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg — JMCMAR 26,1772,83
BENZILIC ACID, 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER, (+)- see: YM4140000
BENZILONIUM BROMIDE see: UY4330000
3-BENZILOXY-1,1-DIETHYLPYRROLIDINIUM BROMIDE see: UY4330000
(2-BENZILOXYETHYL)DIMETHYLOCTYLAMMONIUM BROMIDE see: BQ2050200
8-alpha-BENZILOYLOXY-6,10-ETHANO-5-AZONIASPIRO(4.5)DECANE CHLORIDE see: WH1317560
BENZILSAEURE-(N,N-DIMETHYL-2-HYDROXYMETHYL-PIPERIDINIUM)-ESTER-METHYLSULFAT (German) see: TN5950070
BENZILSAEURE-(N-METHYL-OCTYL-AMMONIUM-AETHYLESTER BROMIDE (German) see: BQ2050200
BENZILYLOXYETHYLDIMETHYLETHYLAMMONIUM CHLORIDE see: BQ5600000

DD5425000 BENZIMIDAZOLE
UPDT:8305 CAS: 51-17-2 MW: 118.15 MOLFM: C7-H6-N2
SYN: 3-AZAINDOLE * AZINDOLE * 1H-BENZIMIDAZOLE (9CI) * o-BENZIMIDAZOLE * BENZIMINAZOLE * 1,3-BENZODIAZOLE * BENZOGLYOXALINE * BENZOIMIDAZOLE * BZI * 1,3-DIAZAINDENE * N,N'-METHENYL-o-PHENYLENEDIAMINE * NSC 759
MUTATION DATA AND REFERENCES:
mma-sat 250 ug/plate — CHMAD 27,68,73
mmo-esc 1 mg/disc — APMBAY 6,23,58
dnd-esc 15 mmol/L/48H — ANBCA2 75,45,76
pic-esc 1 gm/L — ZAPOAK 12,583,72
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg — NCNSA6 5,22,53
1C0d ipr-rat LD50:365 mg/kg — AIPTAK 95,123,53
orl-mus LD50:2910 mg/kg — JPETAB 105,486,52
* ipr-mus LD50:445 mg/kg — PCJOAU 14,130,80
ivn-mus LD50:280 mg/kg — 29QHAQ -,246,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 32(2),151,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
o-BENZIMIDAZOLE see: DD5425000
1H-BENZIMIDAZOLE (9CI) see: DD5425000

DD6204000 BENZIMIDAZOLE, 2-((2-AMINOETHYL)THIO)-, DIHYDROBROMIDE
UPDT:8406 CAS: 7673-88-3 MW: 355.13 MOLFM: C9-H-11-N3-S 2Br-H
SYN: 2-(2-AMINOETHYLMERCAPTO)BENZIMIDAZOLINE BROMIDE HYDROBROMIDE * 2-((2-AMINOETHYL)THIO)BENZIMIDAZOLE DIHYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:43200 ug/kg — YKKZAJ 88,156,68

DD6206000 BENZIMIDAZOLE, 2-BENZYL-
UPDT:8408 CAS: 621-72-7 MW: 208.26 MOLFM: C14-H12-N2
SYN: BENDAZOL * BENDAZOLE * 1H-BENZIMIDAZOLE, 2-(PHENYLMETHYL)- (9CI) * 2-BENZYLBENZIMIDAZOLE * 2-BENZYLBENZIMINAZOLE * DIBASOL * DIBAZOL * DIEAZOLE * 2-(PHENYLMETHYL)-1H-BENZIMIDAZOLE * IROMASEDAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T59 unk-rat TDLo:2 mg/kg (9D preg) — AKGIAO 43(12),10,67
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:837 mg/kg — FRPSAX 33,516,78
* scu-mus LDLo:504 mg/kg — PCJOAU 13,829,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD6300000 BENZIMIDAZOLE, 2-(BIS(2-CHLOROETHYL)AMINOMETHYL)-5,6-DIMETHYL-, HYDROCHLORIDE
UPDT:8401 CAS: 6898-43-7 MW: 336.72 MOLFM: C14-H19-Cl2-N3-Cl-H
SYN: BENZIMIDAZOLE METHYLENE MUSTARD * BENZIMIDAZOLE MUSTARD * 2-(BIS(2-CHLOROETHYL)AMINOMETHYL)-5,5-DIMETHYLBENZIMIDAZOLE HYDROCHLORIDE * 2-(DI-2-CHLOROETHYLAMINOMETHYL)-5,6-DIMETHYLBENZIMIDAZOLE * NSC 23892
TUMORIGENIC DATA AND REFERENCES:
2V01J60 ipr-mus TDLo:12 mg/kg/4W — JNCIAM 36,915,66

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD6385000 BENZIMIDAZOLE, 2-((p-sec-BUTYLPHENYL)THIO)-1-(2-(DIETHYLAMINO)ETHYL)-, DIPICRATE
UPDT:8410 CAS: 5524-98-1 MW: 839.87 MOLFM: C32-H31-N9-S 2C6-H2-N3-O7
TOXICITY DATA AND REFERENCES:
1P29 ipr-mus LD50:445 mg/kg YKKZAJ 85,962,65

DD6386000 BENZIMIDAZOLE, 2-((p-tert-BUTYLPHENYL)THIO)-1-(2-(DIETHYLAMINO)ETHYL)-, DIPICRATE
UPDT:8412 CAS: 5993-61-9 MW: 839.87 MOLFM: C32-H31-N9-S 2C6-H2-N3-O7
TOXICITY DATA AND REFERENCES:
1P29 ipr-mus LD50:262 mg/kg YKKZAJ 85,962,65
BENZIMIDAZOLE CARBAMATE see: DD6455000

DD6455000 2-BENZIMIDAZOLECARBAMIC ACID
UPDT:8406 CAS: 18538-45-9 MW: 177.18 MOLFM: C8-H7-N3-O2
SYN: BENZIMIDAZOLE CARBAMATE * 2-BENZIMIDAZOLYLCARBAMIC ACID * CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T35 orl-rat TDLo:600 mg/kg (7-8D preg) VETNAL 59(5),59,83
1T39 orl-rat TDLo:600 mg/kg (13-14D preg) VETNAL 59(5),59,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2-BENZIMIDAZOLECARBAMIC ACID, 5-BENZOYL-, METHYL ESTER see: EY8600000

DD6475000 2-BENZIMIDAZOLECARBAMIC ACID, 1-(BUTYLCARBAMOYL)-, METHYL ESTER
UPDT:8411 CAS: 17804-35-2 MW: 290.36 MOLFM: C14-H18-N4-O3
SYN: ARILATE * BBC * BENLAT * BENLATE * BENLATE 50 * BENLATE 50 W * BENOMYL * BENOMYL 50W * BNM * 1-(BUTYLCARBAMOYL)-2-BENZIMIDAZOLECARBAMIC ACID, METHYL ESTER * 1-(N-BUTYLCARBAMOYL)-2-(METHOXY CARBORAMIDO) BENZIMIDAZOL (Ger man) * D 1991 * DU PONT 1991 * F1991 * FUNDASOL * FUNDAZOL * FUNGICIDE 1991 * MBC * METHYL 1-(BUTYLCARBAMOYL)-2-BENZIMIDAZOLYLCARBAMATE * *TERSAN 1991
IRRITATION DATA AND REFERENCES:
skn-man 0.1% MLD LANCAO 2,1252,80
MUTATION DATA AND REFERENCES:
mma-sat 125 ug/L MUREAV 40,317,76
mma-esc 125 ug/L MUREAV 40,379,76
mma-lec 5000 ppm MUREAV 52,209,78
mma-omi 5 mg/L MUREAV 21,119,73
mma-smc 50 ppm RSTUDV 6,161,76
sln-smc 123 ppm ANYAA9 407,186,83
mma-asn 250 ug/L MUREAV 91,115,81
mrc-asn 250 ppb NATUAS 226,771,70
sln-asn 200 ug/L EVHPAZ 31,81,79
cyt-hmn:lvr 100 umol/L MUREAV 26,177,74
cyt-hmn:hla 100 umol/L MUREAV 26,177,74
cyt-hmn:lym 10 mg/L CYGEDX 17(1),29,83
sln-hmn:lym 10 mg/L MUREAV 121,139,83
cyt-rat-ipr 1 gm/kg MUREAV 26,177,74
cyt-rat:bmr 100 nmol/L MUREAV 21,50,73
mnt-mus-ipr 500 mg/kg 24H NTIS** PB84-138973
mnt-mus-orl 2 gm/kg 24H MUREAV 40,339,76
mnt-mus-ath 10 mg/L JNCIAM 56,357,76
msc-mus:lym 15 mg/L NTIS** PB84-138973
cyt-ham:lng 100 umol/L MUREAV 26,177,74
sce-ham:ovr 375 mg/L NTIS** PB84-138973
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TCLo:3500 ug/kg (70D male) TXCYAC 20,103,83
1T91 orl-rat TDLo:936 mg/kg (7-22D preg; 15D post) TXAPA9 62,44,82
2T25T39 orl-rat TDLo:250 mg/kg (12D preg) BEXBAN 83,247,77
2T01T02 orl-rat TDLo:1250 mg/kg (5D male) JTEHD6 13,53,84
2T34T41 orl-rat TDLo:625 mg/kg (7-17D preg) TXAPA9 62,44,82
1T46 orl-rat TDLo:156 mg/kg (7-16D preg) TXAPA9 62,44,82
1T76 orl-rat TDLo:85 gm/kg (MGN) ARTODN (Suppl 4),459,80
2T35T41 par-rat TDLo:250 mg/kg (10D preg) 40YJAX -,127,76
2T25T59 unk-rat TDLo:250 mg/kg (12D preg) GISAAA 41(12),32,76
1T35 orl-mus TDLo:250 mg/kg (11D preg) JHEMA2 24,295,80
3T34T41T43 orl-mus TDLo:1100 mg/kg (7-17D preg) TXAPA9 62,44,82
2T46T53 orl-mus TDLo:1100 mg/kg (7-17D preg) TXAPA9 62,44,82
2T35T45 orl-mus TDLo:2200 mg/kg (7-17D preg) TXAPA9 62,44,82
2T41T46 orl-mus TDLo:500 mg/kg (13D preg) JHEMA2 24,295,80
3T72T75T81 orl-mus TDLo:1 gm/kg (8-12D preg) JTEHD6 10,541,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10 gm/kg JHEMA2 24,295,80
* unk-rat LD50:9920 mg/kg EQSSDX 3,618,75
2P07P13 orl-mus LD50:5600 mg/kg 17QLAD 12,85,77
* orl-mam LD50:10 gm/kg GISAAA 41(8),82,76
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 32(2),151,75; RREVAM 63,1,76
★ TLV-TWA 10 mg/m3; STEL 15 mg/m3 DTLVS* 4,37,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD6490000 2-BENZIMIDAZOLECARBAMIC ACID, 1-(BUTYLCARBAMOYL)-, METHYL ESTER and SODIUM NITRITE (1:6)
UPDT:8401
SYN: BENLATE and SODIUM NITRITE * SODIUM NITRITE and BENLATE
TUMORIGENIC DATA AND REFERENCES:
2V01P62 orl-mus TDLo:31 gm/kg/26W-I NEOLA4 24,119,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD6495000 2-BENZIMIDAZOLECARBAMIC ACID, 5-BUTYL-, METHYL ESTER
UPDT:8403 CAS: 14255-87-9 MW: 247.33 MOLFM: C13-H17-N3-O2
SYN: 5-BUTYL-2-BENZIMIDAZOLECARBAMIC ACID METHYL ESTER * N-(BUTYL-5, BENZIMIDAZOLYL)-2-CARBAMATE DE METHYLE (French) * (4-BUTYL 1H-BENZIMIDAZOL 2-YL)-CARBAMIC ACID METHYL ESTER * 5-BUTYL 2-(CARBOMETHOXYAMINO)BENZIMIDAZOLE * CARBAMIC ACID, (5-BUTYL 1H-BENZIMIDAZOL-2-YL)-, METHYL ESTER * HELMATAC * METHYL 5-BUTYL-2-BENZIMIDAZOLECARBAMATE * PARBENDAZOLE * PBDZ * SKF 29044 * SK&F 29044 * VERMINUM * WORM GUARD
MUTATION DATA AND REFERENCES:
oms-hmn:leu 1 mg/L THERAP 31,505,76
oms-dom:leu 1 mg/L THERAP 31,505,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T50 orl-rat TDLo:1200 mg/kg (7-18D preg) BSVMA8 75,117,73
3T35T41T43 orl-rat TDLo:80 mg/kg (8-15D preg) THERAP 31,505,76
1T46 orl-rat TDLo:80 mg/kg (8-15D preg) THERAP 31,505,76
2T34T59 orl-rat TDLo:150 mg/kg (8-15D preg) RMVEAG 152,467,76
1T25 orl-rat TDLo:80 mg/kg (8-15D preg) BSVMA8 76,147,74
1T49 orl-mus TDLo:4 gm/kg (6-15D preg) BSVMA8 75,309,73
1T46 orl-mus TDLo:90 mg/kg (13D preg) THERAP 31,491,76
2T25T59 orl-mus TDLo:400 mg/kg (6-15D preg) BSVMA8 77,379,75
2T41T46 orl-mus TDLo:10 gm/kg (6-15D preg) BSVMA8 75,309,73
2T25T53 orl-mus TDLo:16 gm/kg (6-15D preg) BSVMA8 75,309,73
2T27T34 orl-rbt TDLo:130 mg/kg (6-18D preg) COVEAZ 64(Suppl 4),104,74
2T25T26 orl-rbt TDLo:780 mg/kg (6-18D preg) COVEAZ 64(Suppl 4),104,74
2T46T86 orl-dom TDLo:60 mg/kg (21D preg) COVEAZ 64(Suppl 4),41,74
1T29 orl-dom TDLo:30 mg/kg (12D preg) COVEAZ 64(Suppl 4),56,74
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1700 mg/kg BSVMA8 77,379,75
1K06 orl-dom LDLo:680 mg/kg AUVJA2 46,297,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZIMIDAZOLE-2-CARBAMIC ACID, METHYL ESTER see: DD6500000

DD6500000 2-BENZIMIDAZOLECARBAMIC ACID, METHYL ESTER
UPDT:8406 CAS: 10605-21-7 MW: 191.21 MOLFM: C9-H9-N3-O2
SYN: BAS-3490 * BAS 67054 * BAVISTIN * BCM * BENZIMIDAZOLE-2-CARBAMIC ACID, METHYL ESTER * 1H-BENZIMIDAZOL-2-YLCARBAMIC ACID METHYL ESTER * BMC * CARBENDAZIM * CARBENDAZIME * CARBENDAZOLE * CARBENDAZYM * CTR 6669 * DEROSAL * HOE 17411 * KEMDAZIN * MBC * 2-(METHOXY-CARBONYLAMINO) BENZIMIDAZOL (German) * 2-(METHOXYCARBONYLAMINO) BENZIMIDAZOLE * METHYL 1H-BENZIMIDAZOL-2-YLCARBAMATE * METHYL 2-BENZIMIDAZOLECARBAMATE * METHYL BENZIMIDAZOLE 2-YL CARBAMATE * U-32,104
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 15,273,72
mma-omi 580 nmol/L MUREAV 88,45,81
sln-smc 25 ppm ANYAA9 407,186,83
mma-asn 580 nmol/L MUREAV 88,45,81
sln-asn 280 ug/L EVHPAZ 31,81,79
oms-hmn:leu 1 mg/L THERAP 31,505,76
cyt-hmn:lvr 100 umol/L MUREAV 26,177,74
cyt-hmn:hla 100 umol/L MUREAV 26,177,74
cyt-rat-orl 1 gm/kg MUREAV 26,177,74
spm-rat-orl 150 mg/kg ANDRDQ 6,245,74
mnt-mus-orl 200 mg/kg/24H MUREAV 40,339,76
mnt-mus:ath 10 mg/L JNCIAM 56,357,76
slt-mus-orl 100 mg/kg CBINAB 26,115,79
dni-mus-orl 1 gm/kg MUREAV 46,305,77
mnt-hom-orl 2 gm/kg 24H MUREAV 40,339,76
cyt-ham:lng 100 umol/L MUREAV 26,177,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T35T41 orl-rat TDLo:153 mg/kg (8-15D preg) THERAP 31,505,76
1T01 orl-rat TDLo:150 mg/kg (1D male) ANDRDQ 6,245,74
2T43T46 orl-rat TDLo:153 mg/kg (8-15D preg) THERAP 31,505,76
1T01 ihl-rat TCLo:1200 ug/m3/4H (72D male) GISAAA 48(7),83,83
1T33 orl-mus TDLo:100 mg/kg (10D preg) CBINAB 26,115,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6400 mg/kg BSARAE 4,131,76
skn-rat LD50:2000 mg/kg 85DPAN -,71,76
ipr-rat LD50:7320 mg/kg 85DPAN -,71,76
* orl-mus LD50:11 gm/kg MGONAD 20(3),163,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAM 63,1,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD6520000 2-BENZIMIDAZOLECARBAMIC ACID, METHYL ESTER and SODIUM NITRITE (5:1)
UPDT:8401
SYN: CARBENDAZIM and SODIUM NITRITE (5:1) * METHYL 2-BENZIMIDAZOLE CARBAMATE and SODIUM NITRITE * SODIUM NITRITE and CARBENDAZIM (1:5) * SODIUM NITRITE and METHYL 2-BENZIMIDAZOLE CARBAMATE
TUMORIGENIC DATA AND REFERENCES:
2V01P62 orl-mus TDLo:31 gm/kg/26W-I IJCNAW 15,830,75
3V01T65P62 orl-mus TDLo:3000 mg/kg (7-14D preg) IJCNAW 17,742,76
2V01P62 orl-mus TD :88 gm/kg/12W-I MGONAD 19,175,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2-BENZIMIDAZOLECARBAMIC ACID, 5-(PHENYLSULFINYL)-, METHYL ESTER see: FD0808000

DD6520500 2-BENZIMIDAZOLECARBAMIC ACID, 5-(PHENYLTHIO)-, METHYL ESTER
UPDT:8305 CAS: 43210-67-9 MW: 299.37 MOLFM: C15-H13-N3-O2-S
SYN: CARBAMIC ACID (5-(PHENYLTHIO)-1H-BENZIMIDAZOL-2-YL)- METHYL ESTER * FENBENDAZOLE * FENBENDAZOLE * HOE 881 * PANACUR
MUTATION DATA AND REFERENCES:
oms-hmn:leu 1 mg/L THERAP 31,505,76
oms-hmn:oth 2 mg/L THERAP 31,505,76

DD6538000 5-BENZIMIDAZOLECARBAMIC ACID, 2-(4-THIAZOLYL)-, ISOPROPYL ESTER
UPDT:8407 CAS: 26097-80-3 MW: 302.38 MOLFM: C14-H14-N4-O2-S
SYN: BONLAM * CAMBENDAZOLE * CAMBENZOLE * CARBAMIC ACID, (2-(4-THIAZOLYL)-1H-BENZIMIDAZOL-5-YL)-, 1-METHYLETHYL ESTER (9CI) * CBDZ * EQUIBEN * ISOPROPYL 2-(4-THIAZOLYL)-5-BENZIMIDAZOLECARBAMATE * MK 905 * NOE (French) * NOVAZOLE * NOVIBEN * (THIAZOLYL-4)-2 BENZIMIDAZOLYL CARBAMATE-5 D ISOPROPYLE (French) * N-(1-THIAZOLYL-4)-2, BENZIMIDAZOLYL-5, CARBAMATE D'ISOPROPYLE (French)
MUTATION DATA AND REFERENCES:
oms-hmn:leu 1 mg/L THERAP 31,505,76
oms-hmn:oth 2 mg/L THERAP 31,505,76
oms-dom:leu 1 mg/L THERAP 31,505,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:80480 ug/kg (8-15D preg) BSVMA8 76,147,74
2T42T46 orl-rat TDLo:60400 ug/kg (8-15D preg) BSVMA8 76,147,74
3T34T41T43 orl-rat TDLo:60800 ug/kg (8-15D preg) THERAP 31,505,76
1T35 orl-rat TDLo:80800 ug/kg (8-15D preg) THERAP 31,505,76
3T41T42T43 scu-rat TDLo:348 mg/kg (6-16D preg) PESTDS 16,144,75
2T25T46 scu-rat TDLo:348 mg/kg (6-16D preg) PESTDS 16,144,75
3T43T46T53 orl-dom TDLo:75 mg/kg (21D preg) BSVMA8 77,197,75
1T81 orl-dom TDLo:75 mg/kg (21D preg) BSVMA8 77,197,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD6650000 1-BENZIMIDAZOLECARBOXYLIC ACID, 5,6-DICHLORO-2-(TRIFLUOROMETHYL)-, PHENYL ESTER
UPDT:8309 CAS: 14255-88-0 MW: 375.14 MOLFM: C15-H7-Cl2-F3-N2-O2
SYN: 1H-BENZIMIDAZOLE-1-CARBOXYLIC ACID, 5,6-DICHLORO-2-(TRIFLUOROMETHYL)-, PHENYL ESTER * 5,6-DICHLORO-1-PHENOXYCARBONYL-2-TRIFLUOROMETHYLBENZIMIDAZOLE * 5,6-DICHLORO-2-TRIFLUOROMETHYLBENZIMIDAZOLE-1-CARBOXYLATE * ENT 27438 * FENAZAFLOR * FENOFLURAZOLE * FENZAFLOR * FENZAFLOR * FISONS NC 5016 * ISOVOCAL * NC 5016 * NSC 191025 * PHENYL 5,6-DICHLORO-2-TRIFLUOROMETHYL BENZIMIDAZOLE-1-CARBOXYLATE * TARZOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:283 mg/kg FMCHA2 -,C103,83
skn-rat LD50:700 mg/kg WRPCA2 9,119,70
ipr-rat LD50:168 mg/kg GUCHAZ 6,275,73

orl-mus LD50:1600 mg/kg — MRLAB3 33,839,68
ipr-mus LD50:42 mg/kg — BCPCA6 18,1389,69
orl-dog LD50:50 mg/kg — 85DPAN -,-,71,76
orl-rbt LD50:28 mg/kg — GUCHA2 6,275,73
orl-gpg LD50:59 mg/kg — 31ZOAD 1,222,68
orl-ckn LD50:50 mg/kg — MRLAB3 33,839,68
unk-mam LD50:283 mg/kg — 30ZDA9 -,418,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 32(2),151,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-BENZIMIDAZOLE-1-CARBOXYLIC ACID, 5,6-DICHLORO-2-(TRIFLUOROMETHYL)-, PHENYL ESTER
see: DD6650000

DD6730000 BENZIMIDAZOLE, 1-(p-CHLOROBENZYL)-2-(1-PYRROLIDINYLMETHYL)-, MONOHYDROCHLORIDE
UPDT:8403 CAS: 1163-36-6 MW: 362.33 MOLFM: C19-H20-Cl-N3 . Cl-H
SYN: ALLERCUR * 1-(p-CHLOROBENZYL)-2-(1-PYRROLIDINYLMETHYL)BENZIMIDAZOLE HYDROCHLORIDE * CLEMIZOLE HYDROCHLORIDE * 1-(p-CLOROBENZIL)-2-PIRROLIDIL-METIL-BENZIMIDAZOLO CLORIDRATO (Italian) * F 48 * REACTROL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1950 mg/kg — JAPMA8 49,18,60
* ivn-rat LD50:74 mg/kg — JAPMA8 49,18,60
* orl-mus LD50:837 mg/kg — JAPMA8 49,18,60
1E15 ipr-mus LD50:290 ug/kg — FRPSAX 14,194,59
* ivn-mus LD50:75 mg/kg — JAPMA8 49,18,60

DD6850000 BENZIMIDAZOLE, 5-CHLORO-2-NITRO-
UPDT:8312 MW: 197.59 MOLFM: C7-H4-Cl-N3-O2
SYN: 5-CHLORO-2-NITROBENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:155 mg/kg — AACHAX -,478,65
* ipr-mus LD50:71 mg/kg — AACHAX -,478,65

DD6870000 BENZIMIDAZOLE, 6-CHLORO-2-((p-NITROPHENOXY)METHYL)-1-((2-PYRIDYLAMINO)METHYL)-
UPDT:8309 MW: 409.86 MOLFM: C20-H14-Cl-N5-O3
SYN: 6-CHLORO-2-((p-NITROPHENOXY)METHYL)-1-((2-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg — CUSCAM 51,820,82

DD6875000 BENZIMIDAZOLE, 6-CHLORO-2-((p-NITROPHENOXY)METHYL)-1-((4-PYRIDYLAMINO)METHYL)-
UPDT:8309 MW: 409.86 MOLFM: C20-H14-Cl-N5-O3
SYN: 6-CHLORO-2-((p-NITROPHENOXY)METHYL)-1-((4-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg — CUSCAM 51,820,82

DD6880000 BENZIMIDAZOLE, 6-CHLORO-2-((p-NITROPHENOXY)METHYL)-1-((2-THIAZOLYLAMINO)METHYL)-
UPDT:8309 MW: 415.88 MOLFM: C18-H14-Cl-N5-O3-S
SYN: 6-CHLORO-2-((p-NITROPHENOXY)METHYL)-1-((2-THIAZOLYLAMINO)METHYL)BENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:900 mg/kg — CUSCAM 51,820,82

DD6940000 BENZIMIDAZOLE, 2-((o-CHLOROPHENOXY)METHYL)-1-MORPHOLINOMETHYL-
UPDT:8309 MW: 357.87 MOLFM: C19-H20-Cl-N3-O2
SYN: 2-((o-CHLOROPHENOXY)METHYL)-1-MORPHOLINOMETHYLBENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg — CUSCAM 51,820,82

DD6950000 BENZIMIDAZOLE, 2-((o-CHLOROPHENOXY)METHYL)-1-((2-PYRIDYLAMINO)METHYL)-
UPDT:8309 MW: 364.86 MOLFM: C20-H17-Cl-N4-O
SYN: 2-((o-CHLOROPHENOXY)METHYL)-1-((2-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg — CUSCAM 51,820,82

DD6955000 BENZIMIDAZOLE, 2-((o-CHLOROPHENOXY)METHYL)-1-((4-PYRIDYLAMINO)METHYL)-
UPDT:8309 MW: 364.86 MOLFM: C20-H17-Cl-N4-O
SYN: 2-((o-CHLOROPHENOXY)METHYL)-1-((4-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:850 mg/kg — CUSCAM 51,820,82

DD6956000 BENZIMIDAZOLE, 6-CHLORO-2-PHENOXYMETHYL-1-((4-PYRIDYLAMINO)-METHYL)-
UPDT:8309 MW: 364.08 MOLFM: C20-H17-Cl-N4-O
SYN: 6-CHLORO-2-PHENOXYMETHYL-1-((4-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:750 mg/kg — CUSCAM 51,820,82

DD6960000 BENZIMIDAZOLE, 2-((o-CHLOROPHENOXY)METHYL)-1-((2-THIAZOLYLAMINO)METHYL)-
UPDT:8309 MW: 370.88 MOLFM: C18-H13-Cl-N4-O-S
SYN: 2-((o-CHLOROPHENOXY)METHYL)-1-((2-THIAZOLYLAMINO)METHYL)BENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:603 mg/kg — CUSCAM 51,820,82

DD6962000 BENZIMIDAZOLE, 6-CHLORO-2-PHENOXYMETHYL-1-((2-THIAZOLYLAMINO)METHYL)-
UPDT:8309 MW: 370.88 MOLFM: C18-H13-Cl-N4-O-S
SYN: 6-CHLORO-2-PHENOXYMETHYL-1-((2-THIAZOLYLAMINO)METHYL)BENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg — CUSCAM 51,820,82

DD7050000 BENZIMIDAZOLE, 2-(p-CUMENYLTHIO)-1-(2-(DIETHYLAMINO)ETHYL)-, DIPICRATE
UPDT:8412 CAS: 4929-61-8 MW: 825.84 MOLFM: C32-H29-N9-S . 2C6-H3-N3-O7

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:205 mg/kg — YKKZAJ 85,962,65

DD7142000 BENZIMIDAZOLE, 5,6-DICHLORO-1-(alpha-D-ARABINOFURANOSYL)-
UPDT:8402 MW: 369.16 MOLFM: C12-H12-Cl2-N2-O4
SYN: 5,6-DICHLORO-1-alpha-D-ARABINOFURANOSYLBENZIMIDAZOLE

MUTATION DATA AND REFERENCES:
oms-oin-ath 240 umol/L — BBACAQ 697,213,82
oms-oin-ath 65 umol/L — BBACAQ 697,213,82

DD7147000 BENZIMIDAZOLE, 5,6-DICHLORO-1-(5-CHLORO-5-DEOXY-beta-D-RIBOFURANOSYL)-
UPDT:8402 MW: 337.60 MOLFM: C12-H11-Cl3-N2-O3
SYN: 5-DEOXY-5-CHLORO-5,6-DICHLORO-1-(5-o-D-RIBOFURANOSYL)BENZIMIDAZOLE * 5-DEOXY-5-CHLORO DRB * 5,6-DICHLORO-1-(5-CHLORO-5-DEOXY-beta-D-RIBOFURANOSYL)BENZIMIDAZOLE

MUTATION DATA AND REFERENCES:
oms-oin-ath 65 umol/L — BBACAQ 697,213,82

DD7151000 BENZIMIDAZOLE, 5,6-DICHLORO-1-(2-O-METHYL-beta-D-RIBOFURANOSYL)-
UPDT:8402 MW: 333.19 MOLFM: C13-H14-Cl2-N2-O4
SYN: 5,6-DICHLORO-1-(2-O-METHYL-beta-D-RIBOFURANOSYL)BENZIMIDAZOLE * 2'-O-METHYL 5,6-DICHLORO-1-beta-D-RIBOFURANOSYLBENZIMIDAZOLE * 2'-O-METHYL DRB

MUTATION DATA AND REFERENCES:
oms-oin-ath 65 umol/L — BBACAQ 697,213,82

DD7151300 BENZIMIDAZOLE, 5,6-DICHLORO-1-(3-O-METHYL-beta-D-RIBOFURANOSYL)-
UPDT:8402 MW: 333.19 MOLFM: C13-H14-Cl2-N2-O4
SYN: 5,6-DICHLORO-1-(3-O-METHYL-beta-D-RIBOFURANOSYL)BENZIMIDAZOLE * 3'-O-METHYL 5,6-DICHLORO-1-beta-D-RIBOFURANOSYLBENZIMIDAZOLE * 3'-O-METHYL DRB

MUTATION DATA AND REFERENCES:
oms-oin-ath 65 umol/L — BBACAQ 697,213,82

DD7152000 BENZIMIDAZOLE, 5,6-DICHLORO-2-NITRO-
UPDT:8312 MW: 232.03 MOLFM: C7-H3-Cl2-N3-O2
SYN: 5,6-DICHLORO-2-NITROBENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:199 mg/kg — AACHAX -,478,65
* ipr-mus LD50:78 mg/kg — AACHAX -,478,65

DD7310000 BENZIMIDAZOLE, 5,6-DICHLORO-1-beta-D-RIBOFURANOSYL-
UPDT:8402 MW: 319.16 MOLFM: C12-H12-Cl2-N2-O4
SYN: 5,6-DICHLORO-1-beta-D-RIBOFURANOSYLBENZIMIDAZOLE * DRB

MUTATION DATA AND REFERENCES:
oms-oin-ath 65 umol/L — BBACAQ 697,213,82
oms-hmn:hla 40 umol/L — PNASA6 79,2569,82
oms-hmn:hla 40 umol/L — PNASA6 79,2569,82

DD7312000 BENZIMIDAZOLE, 5,6-DICHLORO-1-beta-D-RIBOFURANOSYL-, 2',3'-CYCLIC ACETAL with ACETONE
UPDT:8402 MW: 359.23 MOLFM: C15-H16-Cl2-N2-O4
SYN: 2',3'-O-ISOPROPYLIDENE-5,6-DICHLORO-1-beta-D-RIBOFURANOSYLBENZIMIDAZOLE * 2',3'-O-ISOPROPYLIDENE DRB

MUTATION DATA AND REFERENCES:
oms-oin-ath 240 umol/L — BBACAQ 697,213,82

DD8062000 BENZIMIDAZOLE, 1-(2-(DIETHYLAMINO)ETHYL)-2-((p-(DIETHYLAMINO)PHENYL)THIO)-, TRIHYDROCHLORIDE, HYDRATE
UPDT:8410 CAS: 4929-61-1 MW: 524.05 MOLFM: C23-H32-N4-S . 3Cl-H . H2-O

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:87 mg/kg — YKKZAJ 85,962,65

DD8072000 BENZIMIDAZOLE, 1-(2-(DIETHYLAMINO)ETHYL)-2-(p-ETHOXYPHENOXY)-
UPDT:8410 CAS: 3068-28-9 MW: 353.51 MOLFM: C21-H27-N3-O2

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:241 mg/kg — YKKZAJ 85,962,65

DD8073000 BENZIMIDAZOLE, 1-(2-(DIETHYLAMINO)ETHYL)-2-((p-ETHOXYPHENYL)THIO)-, HYDROCHLORIDE
UPDT:8411 CAS: 4929-77-5 MW: 406.03 MOLFM: C21-H27-N3-O-S . Cl-H

TOXICITY DATA AND REFERENCES:
3F29H02J25 orl-mus LD50:230 mg/kg — YKKZAJ 87,296,67
1F29 ipr-mus LD50:34 mg/kg — YKKZAJ 85,962,65
3F29H02J25 scu-mus LD50:190 mg/kg — YKKZAJ 87,296,67
3F29H02J25 ivn-mus LD50:24 mg/kg — YKKZAJ 87,296,67

DD8074000 BENZIMIDAZOLE, 1-(2-(DIETHYLAMINO)ETHYL)-2-((p-(ETHYLAMINO)PHENYL)THIO)-, TRIHYDROCHLORIDE
UPDT:8410 CAS: 4929-82-2 MW: 477.97 MOLFM: C21-H28-N4-S . 3Cl-H

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:48200 ug/kg — YKKZAJ 85,962,65

DD8075000 BENZIMIDAZOLE, 1-(2-(DIETHYLAMINO)ETHYL)-2-((p-ISOBUTYLPHENYL)THIO)-, DIPICRATE
UPDT:8412 CAS: 5524-47-0 MW: 839.87 MOLFM: C23-H31-N3-S . 2C6-H3-N3-O7

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:445 mg/kg — YKKZAJ 85,962,65

DD8175000 BENZIMIDAZOLE, 1-(2-(DIETHYLAMINO)ETHYL)-2-((p-PROPOXYPHENYL)THIO)-
UPDT:8410 CAS: 3276-09-2 MW: 383.60 MOLFM: C22-H29-N3-O-S

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:125 mg/kg — YKKZAJ 85,962,65

DD8180000 BENZIMIDAZOLE, 1-(2-(DIETHYLAMINO)ETHYL)-2-((p-(PROPYLAMINO)PHENYL)THIO)-
UPDT:8410 CAS: 3276-09-3 MW: 382.62 MOLFM: C22-H30-N4-S

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:86600 ug/kg — YKKZAJ 85,962,65

DD8185000 BENZIMIDAZOLE, 1-(2-(DIETHYLAMINO)ETHYL)-2-((p-PROPYLPHENYL)THIO)-, DIPICRATE
UPDT:8410 CAS: 4922-03-6 MW: 825.84 MOLFM: C22-H29-N7-S . 2C6-H3-N3-O7

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:215 mg/kg — YKKZAJ 85,962,65

DD8255000 BENZIMIDAZOLE, 2-((2-(DIETHYLAMINO)ETHYL)THIO)-, DIHYDROBROMIDE
UPDT:8408 CAS: 18144-28-0 MW: 451.25 MOLFM: C13-H19-N3-S . 2Br-H
SYN: 2-((2-(DIETHYLAMINO)ETHYL)THIO)BENZIMIDAZOLINE BROMIDE HYDROBROMIDE * 2-(2-DIETHYLAMINOETHYLTHIO)BENZIMIDAZOLINE BROMIDE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:
2F12J22 ivn-mus LD50:32600 ug/kg — YKKZAJ 88,747,68

DD8390000 BENZIMIDAZOLE, 2-((2-(DIMETHYLAMINO)ETHYL)THIO-, DIHYDROBROMIDE
UPDT:8408 CAS: 20559-55-0 MW: 383.19 MOLFM: C11-H15-N3-S . 2Br-H
SYN: 2-((2-(DIMETHYLAMINO)ETHYL)THIO)BENZIMIDAZOLE DIHYDROBROMIDE * 2-(2-DIMETHYLAMINOETHYLTHIO)BENZIMIDAZOLINE BROMIDE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:
2F12J22 ivn-mus LD50:123 mg/kg — YKKZAJ 88,747,68

DD8575000 BENZIMIDAZOLE, 4-((p-(DIMETHYLAMINO)PHENYL)AZO)-
UPDT:8401 CAS: 16483-86-0 MW: 265.35 MOLFM: C15-H15-N5
SYN: 4-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZIMIDAZOLE * N,N-DIMETHYL p-(4-BENZIMIDAZOLYLAZO)ANILINE * N,N-DIMETHYL 4(4-BENZIMIDAZOLYLAZO)ANILINE

TUMORIGENIC DATA AND REFERENCES:
2V03J60 orl-rat TDLo:1080 mg/kg 9W-C — JMCMAR 11,1074,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD8755000 BENZIMIDAZOLE, 5,6-DIMETHYL-1-ETHYL-2-NITRO-
UPDT:8312 MW: 219.27 MOLFM: C11-H13-N3-O2
SYN: 5,6-DIMETHYL-1-ETHYL-2-NITROBENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:420 mg/kg — AACHAX -,478,65
* ipr-mus LD50:500 mg/kg — AACHAX -,478,65

DD8772000 BENZIMIDAZOLE, 5,6-DIMETHYL-2-NITRO-
UPDT:8312 CAS: 6700-60-2 MW: 191.21 MOLFM: C9-H9-N3-O2
SYN: 5,6-DIMETHYL-2-NITROBENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:707 mg/kg — AACHAX -,478,65

DD8780000 BENZIMIDAZOLE, 2-(3,5-DIMETHYL-1-PYRAZOLYL)-
UPDT:8212 CAS: 40341-04-6 MW: 212.26 MOLFM: C12-H12-N4
SYN: 1-BENZIMIDAZOLYL-3,5-DIMETHYLPYRAZOLE * 1H-BENZIMIDAZOLE, 2-(3,5-DIMETHYL-1H-PYRAZOL-1-YL)- (10CI) * 2-(3,5-DIMETHYL-1-PYRAZOLYL)BENZIMIDAZOLE

TOXICITY DATA AND REFERENCES:
2J30U26 ipr-mus LD50:660 mg/kg — PCJOAU 14,383,80
1H-BENZIMIDAZOLE, 2-(3,5-DIMETHYL-1H-PYRAZOL-1-YL)- (10CI) see: DD8780000

DD8900000 BENZIMIDAZOLE, 2-((p-ETHOXYPHENYL)THIO)-1-(2-PIPERIDINOETHYL)-
UPDT:8410 CAS: 13451-95-1 MW: 367.59 MOLFM: C22-H27-N3-O-S

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:116 mg/kg — YKKZAJ 87,301,67

DD8910000 BENZIMIDAZOLE, 2-((p-ETHOXYPHENYL)THIO)-1-(2-(1-PYRROLIDINYL)ETHYL)-, DIPICRATE
UPDT:8410 CAS: 13451-94-0 MW: 825.78 MOLFM: C21-H25-N3-O-S . 2C6-H3-N3-O7

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:69 mg/kg YKKZAJ 87,301,67

DD8952000 BENZIMIDAZOLE, 1-ETHYL-2-NITRO-
UPDT:8312 CAS: 10311-02-1 MW: 191.21 MOLFM: C9-H9-N3-O2
SYN: 1-ETHYL-2-NITROBENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:354 mg/kg AACHAX -,478,65
* ipr-mus LD50:158 mg/kg AACHAX -,478,65

DD8968000 BENZIMIDAZOLE, 1-(p-FLUOROBENZYL)-2-((1-(2-(p-METHOXYPHENYL)ETHYL)PIPERID-4-YL)AMINO)-
UPDT:8308 CAS: 68844-77-9 MW: 458.63 MOLFM: C28-H31-F-N4-O
SYN: ASTEMIZOL (German) * ASTEMIZOLE * 1-(p-FLUOROBENZYL)-2-((1-(2-(p-METHOXYPHENYL)ETHYL)PIPERID-4-YL)AMINO)BENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:355 mg/kg ARZNAD 33,381,83
* ivn-rat LD50:28 mg/kg ARZNAD 33,381,83
* orl-mus LD50:2560 mg/kg ARZNAD 33,381,83
* ivn-dog LD50:22 mg/kg ARZNAD 33,381,83
* orl-gpg LD50:933 mg/kg ARZNAD 33,381,83

1H-BENZIMIDAZOLE, 2-(2-FURANYL)- see: DD9010000

DD9010000 BENZIMIDAZOLE, 2-(2-FURYL)-
UPDT:8309 CAS: 3878-19-1 MW: 184.21 MOLFM: C11-H8-N2-O
SYN: B 33172 * BAY 33172 * BAYER 33172 * 1H-BENZIMIDAZOLE, 2-(2-FURANYL)- * FUBERIDATOL * FUBERIDAZOLE * FUBERISAZOL * FUBRIDAZOLE * FURIDAZOL * FURIDAZOLE * 2-(2-FURYL)BENZIMIDAZOLE * 2-(2-FURYL)-BENZIMIDAZOLE * VORONIT * VORONITE * W VIII-117
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate MUREAV 15,273,72
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1100 mg/kg FMCHA2 -,C111,83
ihl-rat LC50:330 mg/m3 85DPAN -,-,71/76
skn-rat LD50:1000 mg/kg 31ZOAD 1,240,68
ipr-rat LD50:100 mg/kg GUCHAZ 6,290,73
orl-mus LD50:825 mg/kg 85DPAN -,-,71/76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 32(2),151,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DD9092000 BENZIMIDAZOLE, 5-METHOXY-2-NITRO-
UPDT:8312 CAS: 10045-42-8 MW: 193.18 MOLFM: C8-H7-N3-O3
SYN: 5-METHOXY-2-NITROBENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:330 mg/kg AACHAX -,478,65

DD9095000 BENZIMIDAZOLE, 2-((p-METHOXYPHENOXY)METHYL)-1-MORPHOLINOMETHYL-
UPDT:8309 MW: 353.46 MOLFM: C20-H23-N3-O3
SYN: 2-((p-METHOXYPHENOXY)METHYL)-1-MORPHOLINOMETHYLBENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:950 mg/kg CUSCAM 51,820,82

DD9096000 BENZIMIDAZOLE, 2-((p-METHOXYPHENOXY)METHYL)-1-((2-PYRIDYLAMINO)METHYL)-
UPDT:8309 MW: 360.45 MOLFM: C21-H20-N4-O2
SYN: 2-((p-METHOXYPHENOXY)METHYL)-1-((2-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:800 mg/kg CUSCAM 51,820,82

DD9096500 BENZIMIDAZOLE, 2-((p-METHOXYPHENOXY)METHYL)-1-((4-PYRIDYLAMINO)METHYL)-
UPDT:8309 MW: 360.45 MOLFM: C21-H20-N4-O2
SYN: 2-((p-METHOXYPHENOXY)METHYL)-1-((4-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:650 mg/kg CUSCAM 51,820,82

DD9097500 BENZIMIDAZOLE, 2-((p-METHOXYPHENOXY)METHYL)-1-((PYRROLIDINYL)METHYL)-
UPDT:8309 MW: 337.46 MOLFM: C20-H23-N3-O2
SYN: 2-((p-METHOXYPHENOXY)METHYL)-1-((PYRROLIDINYL)METHYL)BENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:900 mg/kg CUSCAM 51,820,82

DD9098500 BENZIMIDAZOLE, 2-((p-METHOXYPHENOXY)METHYL)-1-((2-THIAZOLYLAMINO)METHYL)-
UPDT:8309 MW: 366.47 MOLFM: C19-H18-N4-O2-S
SYN: 2-((p-METHOXYPHENOXY)METHYL)-1-((2-THIAZOLYLAMINO)METHYL)BENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg CUSCAM 51,820,82

BENZIMIDAZOLE METHYLENE MUSTARD see: DD6300000

DD9468500 BENZIMIDAZOLE, 1-METHYL-2-NITRO-
UPDT:8312 CAS: 5709-68-2 MW: 177.18 **OLFM: C8-H7-N3-O2
SYN: 1-METHYL-2-NITROBENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg AACHAX -,478,65
* ipr-mus LD50:199 mg/kg AACHAX -,478,65
* scu-mus LD50:375 mg/kg AACHAX -,478,65

DD9494000 BENZIMIDAZOLE, 1-MORPHOLINOMETHYL-2-((p-NITROPHENOXY)METHYL)-
UPDT:8309 MW: 368.43 MOLFM: C19-H20-N4-O4
SYN: 1-MORPHOLINOMETHYL-2-((p-NITROPHENOXY)METHYL)BENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg CUSCAM 51,820,82

BENZIMIDAZOLE MUSTARD see: DD6300000

DD9660000 BENZIMIDAZOLE, 2-NITRO-
UPDT:8312 CAS: 5709-67-1 MW: 163.15 MOLFM: C7-H5-N3-O2
SYN: 1H-BENZIMIDAZOLE, 2-NITRO- (9CI) * 2-NITROBENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:330 mg/kg AACHAX -,478,65
* scu-mus LD50:595 mg/kg AACHAX -,478,65

DD9800000 BENZIMIDAZOLE, 6-NITRO-
UPDT:8412 CAS: 94-52-0 MW: 163.15 MOLFM: C7-H5-N3-O2
SYN: NCI-C01912 * 5-NITRO-1H-BENZIMIDAZOLE * 6-NITROBENZIMIDAZOLE
MUTATION DATA AND REFERENCES:
mmo-sat 333 ug/plate NTPTB* JAN 82
mmo-sat 2 mg/plate NTPTB* JAN 82
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:166 gm/kg/78W-C NCITR* NCI-CG-TR-117,79
2V03L60 orl-mus TD:79 gm/kg/78W-C NCITR* NCI-CG-TR-117,79
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg NCNSA6 5,22,53
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-117,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-117,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-BENZIMIDAZOLE, 2-NITRO- (9CI) see: DD9660000

DD9906000 BENZIMIDAZOLE, 2-((p-NITROPHENOXY)METHYL)-1-((2-PYRIDYLAMINO)METHYL)-
UPDT:8309 MW: 375.42 MOLFM: C20-H17-N5-O3
SYN: 2-((p-NITROPHENOXY)METHYL)-1-((2-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg CUSCAM 51,820,82

DD9906500 BENZIMIDAZOLE, 2-((p-NITROPHENOXY)METHYL)-1-((PYRROLIDINYL)METHYL)-
UPDT:8309 MW: 352.43 MOLFM: C19-H20-N4-O3
SYN: 2-((p-NITROPHENOXY)METHYL)-1-((PYRROLIDINYL)METHYL)BENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:750 mg/kg CUSCAM 51,820,82

DD9907500 BENZIMIDAZOLE, 2-((p-NITROPHENOXY)METHYL)-1-((2-THIAZOLYLAMINO)METHYL)-
UPDT:8309 MW: 381.44 MOLFM: C18-H15-N5-O3-S
SYN: 2-((p-NITROPHENOXY)METHYL)-1-((2-THIAZOLYLAMINO)METHYL)BENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:800 mg/kg CUSCAM 51,820,82

DE0220000 BENZIMIDAZOLE, 2-NITRO-1,5,6-TRIMETHYL-
UPDT:8312 MW: 205.24 MOLFM: C10-H11-N3-O2
SYN: 2-NITRO-1,5,6-TRIMETHYLBENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:330 mg/kg AACHAX -,478,65
* ipr-mus LD50:841 mg/kg AACHAX -,478,65

DE0356000 BENZIMIDAZOLE, 2-PHENOXYMETHYL-1-((4-PYRIDYLAMINO)METHYL)-
UPDT:8309 MW: 330.42 MOLFM: C20-H18-N4-O
SYN: 2-PHENOXYMETHYL-1-((4-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:850 mg/kg CUSCAM 51,820,82

1H-BENZIMIDAZOLE, 2-(PHENYLMETHYL)- (9CI) see: DD6206000

DE0700000 BENZIMIDAZOLE, 2-(4-THIAZOLYL)-
UPDT:8411 CAS: 148-79-8 MW: 201.26 MOLFM: C10-H7-N3-S
SYN: APL-LUSTER * ARBOTECT * 1H-BENZIMIDAZOLE, 2-(4-THIAZOLYL)- * 4-(2-BENZIMIDAZOLYL)THIAZOLE * BOVIZOLE * EPROFIL * EQUIZOLE * LOMBRISTOP * MERTEC * MERTECT * MERTECT 160 * METASOL TK-100 * MINTESOL * MINTEZOL * MINZOLUM * MK-360 * MYCOZOL * NEMAPAN * OMNIZOLE * POLIVAL * TBDZ * TBZ * TECTO * TECTO 60 * TECTO RPH * THIABEN * THIABENDAZOL * THIABENDAZOLE * THIABENZAZOLE * THIABENZOLE * 2-(THIAZOL-4-YL)BENZIMIDAZOLE * 2-(4-THIAZOLYL)BENZIMIDAZOLE * 2-(4-THIAZOLYL)-BENZIMIDAZOLE * 2-(4-THIAZOLYL)-1H-BENZIMIDAZOLE * THIBENZOL * THIBENZOLE * THIBENZOLE ATT * TOP FORM WORMER
MUTATION DATA AND REFERENCES:
oms-asn 80 umol/L BBACAQ 543,82,78
sln-asn 20 mg/L EVHPAZ 31,81,79
cyt-rat-bmr 100 nmol/L MUREAV 21,50,73
cyt-ham:lng 45 mg/L/48H GMCRDC 27,95,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:1250 mg/kg (6-15D preg) JPFCD2 14,563,79
1T25 orl-mus TDLo:1667 mg/kg (9D preg) FCTOD7 22,509,84
2T35T46 orl-mus TDLo:11700 mg/kg (7-15D preg) TRENAF 29,112,78
1T34 orl-mus TDLo:60 mg/kg (9D preg) FCTOD7 22,509,84
1T46 orl-mus TDLo:240 mg/kg (9D preg) FCTOD7 22,509,84
1T43 orl-mus TDLo:2400 mg/kg (11D preg) FCTOD7 22,509,84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3100 mg/kg TXAPA9 7,53,65
orl-mus LD50:1395 mg/kg FATOAO 34,483,71
orl-rbt LD50:3850 mg/kg 85DPAN -,-,71/76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 32(2),151,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-BENZIMIDAZOLE, 2-(4-THIAZOLYL)- see: DE0700000

DE0900000 BENZIMIDAZOLE, 2-(4-THIAZOLYL)-, MONOPHOSPHINATE
UPDT:8309 CAS: 26558-32-9 MW: 267.26 MOLFM: C10-H7-N3-S-H3-O2-P
SYN: ARBOTECT * ARBOTECT S * ARBOTECT 20-S * PHOSPHINIC ACID, compd. with 2-(4-THIAZOLYL)-1H-BENZIMIDAZOLE (1:1) * THIABENDAZOLE * THIABENDAZOLE HYPOPHOSPHITE * 2-(4-THIAZOLYL)BENZIMIDAZOLE, HYPOPHOSPHITE SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3100 mg/kg FMCHA2 -,C17,83

DE1050000 2-BENZIMIDAZOLETHIOL
UPDT:8412 CAS: 583-39-1 MW: 150.21 MOLFM: C7-H6-N2-S
SYN: ANTIGENE M8 * ANTIOXIDANT MB (Czech) * AOMB * ASM MB * 2-MERCAPTOBENZIMIDAZOLE * MERCAPTOBENZOIMIDAZOLE * 2-MERCAPTOBENZOIMIDAZOLE * MERKAPTOBENZIMIDAZOL (Czech) * NCI-C60980 * o-PHENYLENETHIOUREA * USAF EA-6540 * USAF XF-21
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,168,72
eye-rbt 500 mg/24H MOD 28ZPAK -,168,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:476 mg/kg 28ZPAK -,168,72
orl-mus LD50:1250 mg/kg GTPZAB 8(7),39,64
ipr-mus LD50:200 mg/kg NTIS** AD277-689
* ivn-mus LD50:180 mg/kg CSLNX* NX#04376
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE1150000 BENZIMIDAZOLE, 2-TRIFLUOROMETHYL-
UPDT:8310 MW: 186.15 MOLFM: C8-H5-F3-N2
SYN: 2-TRIFLUOROMETHYL BENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#07536

DE1590000 2-BENZIMIDAZOLINEBUTRYRIC ACID, 1-METHYL-5-BIS(2-CHLOROETHYL)AMINO-, HYDROCHLORIDE
UPDT:8401 CAS: 3543-75-7 MW: 394.76 MOLFM: C16-H21-Cl2-N3-O2-Cl-H
SYN: CYTOSTASAN * IMET 3393 * gamma(1-METHYL-5-BIS(beta-CHLOROAETHYL)AMINOBENZIMIDAZOLYL)-BUTTERSAEUREHYDROCHLORID (German) * gamma-(1-METHYL-5-BIS(beta-CHLOROAETHYL)AMINOBENZIMIDAZOLYL)BUTTERSAUERHYDROCHLORID (German)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T46T59 ipr-mus TDLo:70 mg/kg (11D preg) ZPPLBF 110,1067,71
TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 orl-mus TDLo:250 mg/kg 4D-I ARGEAR 43,16,74
2V01J60 ipr-mus TDLo:50 mg/kg 4D-I ARGEAR 43,16,74
TOXICITY DATA AND REFERENCES:
orl-mus LD50:250 mg/kg ARGEAR 43,16,74
ipr-mus LD50:100 mg/kg ARGEAR 43,16,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-BENZIMIDAZOLINE(THIONE, 1-(1-(3-(p-FLUOROBENZOYL)PROPYL)-4-PIPERIDYL)- see: EL7570000

DE1750000 2-BENZIMIDAZOLINONE, 1-(1-(4,4-BIS(p-FLUOROPHENYL)BUTYL)-4-PIPERIDYL)-
UPDT:8408 CAS: 2062-78-4 MW: 461.60 MOLFM: C28-H29-F2-N3-O

BEST COPY AVAILABLE

SYN: 1-(4,4-BIS(p-FLUOROPHENYL)BUTYL)-4-(2-OXO-1-BENZIMIDAZOLINYL)PIPERIDINE * 1-(1-(4,4-BIS(p-FLUOROPHENYL)BUTYL)-4-PIPERIDYL)-2-BENZIMIDAZOLINONE * McN-JR-6238 * ORAP * PIMOZIDE * R 6238

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T16 scu-mam TDLo:375 ug/kg (6-10D preg) BIREBV 29,658,83

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1100 mg/kg NIIRDN 6,639,82
* ipr-rat LD50:350 mg/kg NIIRDN 6,639,82
* ivn-rat LD50:90 mg/kg IYKEDH 5,106,74
* orl-mus LD50:4000 mg/kg IYKEDH 5,106,74
* ipr-mus LD50:1070 mg/kg IYKEDH 5,106,74
* ivn-mus LD50:14 mg/kg 27ZQAG -,288,72
2F07F12 orl-dog LD50:40 mg/kg ARZNAD 18,261,68
* ivn-dog LD50:32 mg/kg IYKEDH 5,106,74
* orl-rbt LD50:40 mg/kg IYKEDH 5,106,74
* ivn-rbt LD50:22 mg/kg IYKEDH 5,106,74
1F12 orl-gpg LD50:245 mg/kg ARZNAD 18,261,68

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE1810000 2-BENZIMIDAZOLINONE, 6-CHLORO-1-(5-METHYL-1,2,4-OXADIAZOL-3-YL)-3-METHYL-

UPDT:8403 MW: 250.66 MOLFM: C10-H7-Cl-N4-O2

SYN: 6-CHLORO-1-(5-METHYL-1,2,4-OXADIAZOL-3-YL)-3-METHYL-2-BENZIMIDAZOLINONE * 1-METHYL-3-(5-METHYL-3-(1,2,4-OXADIAZOLYL))-5-CHLOROBENZIMIDAZOLIN-2-ONE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:50 mg/kg EJMCA5 18,495,83

DE1812000 2-BENZIMIDAZOLINONE, 6-CHLORO-1-(2-PYRIDYL)-

UPDT:8403 MW: 247.68 MOLFM: C12-H8-Cl-N3-O

SYN: 6-CHLORO-1-(2-PYRIDYL)-2-BENZIMIDAZOLINONE * 3-(2-PYRIDYL)-6-CHLOROBENZIMIDAZOLIN-2-ONE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:250 mg/kg EJMCA5 18,495,83

DE1815000 2-BENZIMIDAZOLINONE, 6-CHLORO-1-(2-PYRIMIDINYL)-

UPDT:8403 MW: 246.67 MOLFM: C11-H7-Cl-N4-O

SYN: 6-CHLORO-1-(2-PYRIMIDINYL)-2-BENZIMIDAZOLINONE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:250 mg/kg EJMCA5 18,495,83

DE1820000 2-BENZIMIDAZOLINONE, 1-(1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PIPERIDYL)-3-PROPIONYL-

UPDT:8403 CAS: 15301-48-1 MW: 492.67 MOLFM: C31-H32-N4-O2

SYN: BENZITRAMIDE * BEZITRAMIDE * BURGODIN * 1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-(2-OXO-3-PROPIONYL-1-BENZIMIDAZOLINYL)PIPERIDINE * 1-(1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PIPERIDYL)-3-PROPIONYL-2-BENZIMIDAZOLINONE * R 4845

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:141 mg/kg MEIEDD 10,170,83
* orl-mus LD50:2101 mg/kg MEIEDD 10,170,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE1900000 2-BENZIMIDAZOLINONE, 1-(1-(3-(p-FLUOROBENZOYL)PROPYL)-4-PIPERIDYL)-

UPDT:8403 CAS: 2062-84-2 MW: 381.49 MOLFM: C22-H24-F-N3-O2

SYN: ANQUIL * BENPERIDOL * 2H-BENZIMIDAZOL-2-ONE, 1-(1-(4-(4-FLUOROPHENYL)-4-OXOBUTYL)-4-PIPERIDINYL)-1,3-DIHYDRO- * BENZOPERIDOL * BENZPERIDOL * 8089 C.B. * 1-(1-(3-(p-FLUOROBENZOYL)PROPYL)-4-PIPERIDYL)-2-BENZIMIDAZOLINONE * FRENACTIL * FRENACTYL * GUANIMON * McN-JR-4584 * R 4584

TOXICITY DATA AND REFERENCES:

3D28E04F40 scu-rat LD50:220 mg/kg MDCHAG 4(2),199,67
2F17F21 ipr-mus LD50:250 mg/kg FRPSAX 35,605,80
* ivn-mus LD50:20 mg/kg CSLNX* NX#11942

DE1925000 2-BENZIMIDAZOLINONE, 1-(1-(3-(p-FLUOROBENZOYL)PROPYL)-4-PIPERIDYL)-, HYDROCHLORIDE MONOHYDRATE

UPDT:8405 MW: 435.97 MOLFM: C22-H24-F-N3-O2-Cl-H-H2-O

SYN: BENPERIDOL * BENZOPERIDOL * BENZPERIDOL * 8089 CB * CONCILIUM * FRENACTIL * FRENACTYL * GUANIMON * MCN-JR-4584 * R 4584

MUTATION DATA AND REFERENCES:

dnd-mus-skn 192 umol/kg CRNGDP 5,221,84

TOXICITY DATA AND REFERENCES:

scu-rat LD50:218 mg/kg 27ZQAG -,185,72
ivn-rat LD50:21 mg/kg 27ZQAG -,185,72
orl-mus LD50:1000 mg/kg 27ZQAG -,185,72
scu-mus LD50:210 mg/kg 27ZQAG -,185,72
ivn-mus LD50:27 mg/kg 27ZQAG -,185,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: IDPYAK 1,203,74; MDCHAG 4(2),199,67

DE2100000 2-BENZIMIDAZOLINONE, 1-(1-(3-(p-FLUOROBENZOYL)PROPYL)-1,2,3,6-TETRAHYDRO-4-PYRIDYL)-

UPDT:8601 CAS: 548-73-2 MW: 379.47 MOLFM: C22-H22-F-N3-O2

SYN: DEHIDROBENZPERIDOL * DEHYDROBENZPERIDOL * DEIDROBENZPERIDOLO * DHBP * DIMIDROBENZPERIDOL * DRIDOL * DROLEPTAN * DROPERIDOL * 1-(1-(3-(p-FLUOROBENZOYL)PROPYL)-1,2,3,6-TETRAHYDRO-4-PYRIDYL)-2-BENZIMIDAZOLINONE * 1-(1-(4-(p-FLUOROPHENYL)-4-OXOBUTYL)-1,2,3,6-TETRAHYDRO-4-PYRIDYL)-2-BENZIMIDAZOLINONE * HALKAN * INAPPIN * INAPSIN * INAPSINE * INNOVAN * INNOVAR VET * INOPSIN * INOVAL * LEPTANAL * LEPTOFEN * MCN-JR-4749 * PROPERIDOL * R 4749 * SINTOSIAN * THALAMONAL * VETKALM

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:700 mg/kg TXAPA9 18,185,71
* scu-rat LD50:20520 mg/kg NIIRDN 6,440,82
ivn-rat LD50:30 mg/kg 27ZQAG -,187,72
ipr-mus LD50:80 mg/kg EJMCA5 13,387,78
scu-mus LD50:125 mg/kg TXAPA9 6,37,64
ivn-mus LD50:20 mg/kg 27ZQAG -,187,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: IDPYAK 1,203,74; MDCHAG 4,199,67

DE2138000 2-BENZIMIDAZOLINONE, 1-(2-PYRIDYL)-

UPDT:8403 MW: 211.24 MOLFM: C12-H9-N3-O

SYN: 1-(2-PYRIDYL)-2-BENZIMIDAZOLINONE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:250 mg/kg EJMCA5 18,495,83

1H-BENZIMIDAZOLIUM, 1-DODECYL-3-METHYL-2-PHENYL-, HEXACYANOFERRATE(III) see: DE2275000

1H-BENZIMIDAZOLIUM HEXAKIS-1-DODECYL-3-METHYL-2-PHENYL-(CYANO-C)FERRATE(1-) see: DE2275000

DE2275000 BENZIMIDAZOLIUM, TRIS(1-DODECYL-3-METHYL-2-PHENYL-, FERRICYANIDE

UPDT:8310 CAS: 7276-58-6 MW: 344.92 MOLFM: C84-H111-Fe-N12

SYN: BAY 32394 * BAYER 32394 * 1H-BENZIMIDAZOLIUM, 1-DODECYL-3-METHYL-2-PHENYL-, HEXACYANOFERRATE(III) * 1H-BENZIMIDAZOLIUM HEXAKIS-1-DODECYL-3-METHYL-2-PHENYL-(CYANO-C)FERRATE(1-) * B 169 FERRICYANIDE * 3-DODECYL-1-METHYL-2-PHENYLBENZIMIDAZOLIUM FERRICYANIDE * ENT 25678 * FERRATE (3-), HEXACYANOTRIS(3-DODECYL-1-METHYL-2-PHENYLBENZIMIDAZOLINIUM * FERRICYANURE DE TRIS(1-DODECYL-2-PHENYL-3-METHYL-1,3-BENZIMIDAZOLIUM (French) * FUNGILON * 1-METHYL-2-PHENYL-3-DODECYLBENZIMIDAZOLINIUM FERROCYANIDE * 1-METHYL-2-PHENYL-3-m-DODECYLBENZIMIDAZOLIUM HEXACYANOFERRATE * TRI-(3-DODECYL-1-METHYL-2-PHENYLBENZIMIDAZOLIUM) FERRICYANIDE * TRIS(1-DODECIL-3-METIL-2-FENIL-1,3-BENZIMIDAZOLIO) FERRICIANURO (Italian) * TRIS(1-DODECYL-3-METHYL-2-FENYL-1,3-BENZIMIDAZOLIUM) HEXACYANOFERRAAT (III) (Dutch) * TRIS(1-DODECYL-3-METHYL-2-PHENYLBENZIMIDAZOLIUM)FERRICYANIDE * TRIS(1-DODECYL-3-METHYL-2-PHENYL-1,3-BENZIMIDAZOLIUM) HEXACYANOFERRAT (III) (German)

TOXICITY DATA AND REFERENCES:

orl-rat LD50:500 mg/kg 28ZEAL 4,384,69
ipr-rat LD50:10 mg/kg 30ZDA9 -,417,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE2275400 6-BENZIMIDAZOLOL, 4-NITRO-

UPDT:8305 MW: 179.15 MOLFM: C7-H5-N3-O3

SYN: 4-NITRO-6-BENZIMIDAZOLOL * 4-NITRO-6-HYDROXYBENZIMIDAZOLE

MUTATION DATA AND REFERENCES:

mmo-esc 40 mg/L JGMIAN 18,543,58

DE2275900 2H-BENZIMIDAZOL-2-ONE, 1,3-DIHYDRO-5-CHLORO-1-(1-(3-(2,3-DIHYDRO-2-OXO-1H-BENZIMIDAZOL- 1-YL)PROPYL)-4-PIPERIDINYL)-

UPDT:8305 CAS: 57808-66-9 MW: 425.96 MOLFM: C22-H24-Cl-N5-O2

SYN: 5-CHLORO-1-(1-(3-(2-OXO-1-BENZIMIDAZOLINYL)PROPYL)-4-PIPERIDYL)-2-BENZIMIDAZOLINONE * DOMPERIDONE * KW 5338

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T21 orl-rat TDLo:81 mg/kg (60D male/14D pre-7D preg) YACHDS 8,4045.80
3T26T42T47 orl-rat TDLo:2200 mg/kg (7-17D preg) YACHDS 8,4045,80
2T75T81 orl-rat TDLo:2200 mg/kg (7-17D preg) YACHDS 8,4045,80
2T34T46 orl-rat TDLo:770 mg/kg (7-17D preg) YACHDS 8,4045,80
1T53 orl-rat TDLo:250 mg/kg (19-22D preg/21D post) YACHDS 8,4045,80
3T26T35T75 ipr-rat TDLo:330 mg/kg (7-17D preg) YACHDS 8,4125,80
2T46T59 ipr-rat TDLo:88 mg/kg (7-17D preg) YACHDS 8,4125,80
1T21 ipr-rat TDLo:16200 ug/kg (9W male/2W pre-7D preg) YACHDS 8,4125,80
1T81 ipr-rat TDLo:50 mg/kg (19-22D preg/21D post) YACHDS 8,4125,80
3T26T35T46 orl-mus TDLo:700 mg/kg (6-15D preg) YACHDS 8,4045,80
2T34T76 orl-mus TDLo:2 gm/kg (6-15D preg) YACHDS 8,4045,80
1T26 ivn-rbt TDLo:325 mg/kg (6-18D preg) YACHDS 8,4125,80

TOXICITY DATA AND REFERENCES:

2D35F23 ims-man TDLo:200 ug/kg LANCAO 2,1259,80
3D28F19J22 orl-rat LD50:5243 mg/kg YACHDS 8,3991,80
* ipr-rat LD50:61200 ug/kg IYKEDH 13,1182,82
3D28F12J26 ivn-rat LD50:41700 ug/kg YACHDS 8,3991,80
3D28F12J26 ivn-mus LD50:46500 ug/kg YACHDS 8,3991,80
3F19F25K13 ivn-dog LD50:42700 ug/kg AIPTAK 244,130,80
3F19F25K13 ivn-gpg LD50:42900 ug/kg AIPTAK 244,130,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE2276000 2H-BENZIMIDAZOL-2-ONE, 1,3-DIHYDRO-1-(3-(4-(DIPHENYLMETHYL)-1-PIPERAZINYL)PROPYL)-

UPDT:8403 CAS: 60607-34-3 MW: 426.61 MOLFM: C27-H30-N4-O

SYN: 1-(3-(4-(DIPHENYLMETHYL)-1-PIPERAZINYL)PROPYL)-2-BENZIMIDAZOLINONE * 1-(3-(4-(DIPHENYLMETHYL)-1-PIPERAZINYL)PROPYL)-1,3-DIHYDRO-2H-BENZIMIDAZOL-2-ONE * OXATIMIDE * OXATOMIDA * R 35443 * TINSET

TOXICITY DATA AND REFERENCES:

ivn-rat LD50:30 mg/kg DRFUD4 3,465,78
ivn-mus LD50:27 mg/kg DRFUD4 3,465,78
orl-gpg LD50:320 mg/kg DRFUD4 3,465,78
ivn-gpg LD50:23 mg/kg DRFUD4 3,465,78

2H-BENZIMIDAZOL-2-ONE, 1-(1-(4-(4-FLUOROPHENYL)-4-OXOBUTYL)-4-PIPERIDINYL)-1,3-DIHYDRO- see: DE1900000

N-2-BENZIMIDAZOLYLACETAMIDE see: AG4542300

2-BENZIMIDAZOLYLCARBAMIC ACID see: DD6455000

1H-BENZIMIDAZOL-2-YLCARBAMIC ACID METHYL ESTER see: DD6500000

1-BENZIMIDAZOLYL-3,5-DIMETHYLPYRAZOLE see: DD8780000

p-((1-BENZIMIDAZOLYLMETHYL)AMINO)BENZOIC ACID HYDRAZIDE see: DG3520000

1-(2-BENZIMIDAZOLYL)-3-METHYLUREA see: YR8950000

4-(2-BENZIMIDAZOLYL)THIAZOLE see: DE0700000

(2-(2-BENZIMIDAZOLYLTHIO)ETHYL)TRIMETHYLAMMONIUM BROMIDE HYDROBROMIDE see: BO4720000AMMONIUM, (2-(2-BENZIMIDAZOLYLTHIO)ETHYL)TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE

DE3000000 BENZIMIDIC ACID, p-CHLORO-N-((METHYLCARBAMOYL)OXY)THIO-, METHYL ESTER

UPDT:8309 CAS: 16960-40-0 MW: 258.74 MOLFM: C10-H11-Cl-N2-O2-S

SYN: BENZENECARBOXIMIDOTHIOIC ACID, 4-CHLORO-N-(((METHYLAMINO)CARBONYL)OXY)-, METHYL ESTER * DU PONT 1335 * DU PONT INSECTICIDE 1335 * ENT 27,342 * METHYL 4-CHLORO-N-(((METHYLAMINO)CARBONYL)OXY)BENZENECARBOXIMIDOTHIOATE * NSC 190942

TOXICITY DATA AND REFERENCES:

orl-rat LD50:670 mg/kg ARSIM* 20,9,66
scu-gpg LDLo:100 mg/kg JEENAI 62,934,69

3-BENZIMIDOYL-3,3-DIPHENYL-N,N,1-TRIMETHYL-PROPYLAMINE HYDROCHLORIDE see: UH9300000

BENZIMINAZOLE see: DD5425000

DE3030000 BENZIN

UPDT:8408 CAS: 8030-30-6

SYN: AROMATIC SOLVENT * HI-FLASH NAPHTHAYETHYLEN * NA 1268 (DOT) * NAPHTA (DOT) * NAPHTHA * NAPHTHA DISTILLATE (DOT) * NAPHTHA PETROLEUM (DOT) * NAPHTHA SOLVENT (DOT) * PETROLEUM BENZIN * PETROLEUM DISTILLATES (NAPHTHA) * PETROLEUM ETHER * PETROLEUM ETHER (DOT) * PETROLEUM NAPHTHA (DOT) * PETROLEUM SPIRIT (DOT) * SKELLY-SOLVE-F * SKELLY-SOLVE H * SKELLY-SOLVE B * UN 1255 (DOT) * UN 1256 (DOT) * UN 1271 (DOT) * UN 2553 (DOT)

TOXICITY DATA AND REFERENCES:

3J22J26J30 ivn-man LDLo:27 mg/kg CTOXAO 16,335,80
ihl-rat LCLo:1600 ppm/6H CHINAG 17,1078,39
ipr-mam LDLo:2500 mg/kg AJHYA2 7,276,27

REVIEW AND REFERENCES:

★ TLV-TWA 300 ppm; STEL 400 ppm DTLVS* 4,433,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ppm (SCP-G) FEREAC 39,23540,74
★ DOT HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO REF PETR SOLV recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M NTIS**

STATUS:

"NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed." see: METHOD 1550
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZIN (OBS.) see: CY1400000

BENZINDAMINE see: NK7790000

BENZINDAMINE HYDROCHLORIDE see: NK7875000

DE3050000 BENZ(e)INDENO(1,2-b)INDOLE

UPDT:8401 CAS: 208-07-1 MW: 253.31 MOLFM: C19-H11-N

SYN: 4,5-BENZO-2,3-1,2-INDENOINDOLE (French)

TUMORIGENIC DATA AND REFERENCES:

2V03V10 scu-mus TDLo:120 mg/kg/9W-I BAFEAG 42,3,55

TOXICITY DATA AND REFERENCES:

scu-mus LDLo:40 mg/kg BAFEAG 42,3,55

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

DE3124000 BENZ(b)INDENO(1,2-d)PYRAN-3,6a,9,10(6H)-TETROL, 7,11b-DIHYDRO-
UPDT:8401 CAS: 474-07-7 MW: 286.30 MOLFM: C16-H14-O5
SYN: BRASILIN * BRAZILETTO * BRAZILIN * 7,11b-DIHYDROBENZ(b)INDENO(1,2-d)PYRAN-3,6a,9,10(6H)-TETROL * HYPERNIC EXTRACT * LIMAWOOD EXTRACT * PERNAMBUCO EXTRACT * SUPERBRESILINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg B5GDA2 8(1),252,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZINE (OBS.) see: CY1400000
BENZINE see: SE7555000
1-BENZINE see: VA9275000
BENZINE (DOT) see: SE7555000
BENZINOFORM see: FG4900000
BENZINOL see: KX4550000
BENZIODARON see: OB1835000
BENZIODARONE see: OB1835000

DE4080500 1H-BENZ(de)ISOQUINOLINE-2(3H)-ACETIC ACID, 1,3-DIOXO-
UPDT:8402 CAS: 51411-04-2 MW: 255.24 MOLFM: C14-H9-N-O4
SYN: ALRESTATIN * AY 22284 * 1,3-DIOXO-1H-BENZ(de)ISOQUINOLINE-2(3H)-ACETIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1380 mg/kg USXXAM #4118495
* ivn-rat LD50:1220 mg/kg USXXAM #4118495
1H-BENZ(de)ISOQUINOLINE-1,3(2H)-DIONE, 2-((DIETHOXYPHOSPHINYL)OXY)- see: QK5775000

DE4093000 1H-BENZ(de)ISOQUINOLINE-1,3(2H)-DIONE, 2-(2-(DIMETHYLAMINO)ETHYL)-5-NITRO-, HYDROCHLORIDE
UPDT:8402 CAS: 54824-17-8 MW: 349.80 MOLFM: C16-H15-N3-O4-Cl-H
SYN: M 4212 * MITONAFIDE * M 4212 (PHARMACEUTICAL) * 5-NITRO-2-(2-DIMETHYLAMINOETHYL)BENZO(de)ISOQUINOLINE-1,3-DIONE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:

dnd-ham:ovr 10 umol/L		JJINDB 70,1097,83
dni-ham:ovr 10 umol/L		JJINDB 70,1097,83
cyt-ham:ovr 1 umol/L		JJINDB 70,1097,83
sce-ham:ovr 10 nmol/L		JJINDB 70,1097,83

DE4098000 1H-BENZ(de)ISOQUINOLINE-5-SULFONIC ACID, 2,3-DIHYDRO-6-AMINO-1,3-DIOXO-2-(p-TOLYL)-, MONOSODIUM SALT
UPDT:8310 CAS: 2391-30-2 MW: 404.39 MOLFM: C19-H13-N2-O5-S-Na
SYN: BRILLIANT ACID FLAVINE 10J * BRILLIANT ACID YELLOW 8G * BRILLIANT SULFAFLAVINE * BRILLIANT SULFOFLAVIN * BRILLIANT SULFOFLAVIN FFA * BRILLIANT SULPHAFLAVINE * BRILLIANT SULPHO FLAVINE * BRILLIANT SULPHO FLAVINE FF * BRILLIANT SULPHO FLAVINE FFA * BRILLIANT SULFOFLAVINE FF * C.I. 56205 * C.I. ACID YELLOW 7 * FENAZO YELLOW XX * KAYAKU ACID BRILLIANT FLAVINE FF * LISSAMINE FLAVINE FF * SOLAR PURE YELLOW 8G
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:110 mg/kg TXAPA9 44,225,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DE4200000 1,2-BENZISOTHIAZOLIN-3-ONE, 1,1-DIOXIDE
UPDT:8406 CAS: 81-07-2 MW: 183.19 MOLFM: C7-H5-N-O3-S
SYN: ANHYDRO-o-SULFAMINEBENZOIC ACID * 3-BENZISOTHIAZOLINONE 1,1-DIOXIDE * 1,2-BENZISOTHIAZOL-3(2H)-ONE 1,1-DIOXIDE * o-BENZOIC SULFIMIDE * BENZOIC SULPHIMIDE * o-BENZOIC SULPHIMIDE * o-BENZOSULFIMIDE * BENZOSULPHIMIDE * o-BENZOSULPHIMIDE * BENZO-2-SULPHIMIDE * BENZO-SULPHIMIDE * o-BENZOYL SULFIMIDE * o-BENZOYL SULPHIMIDE * 1,2-DIHYDRO-2-KETOBENZOSULFONAZOLE * 1,2-DIHYDRO-2-KETOBENZOSULPHONAZOLE * 2,3-DIHYDRO-3-OXOBENZOSULFONAZOLE * 2,3-DIHYDRO-3-OXOBENZOSULPHONAZOLE * GARANTOSE * GLUCID * GLUSIDE * HERMESETAS * 3-HYDROXYBENZISOTHIAZOLE-S,S-DIOXIDE * INSOLUBLE SACCHARIN * KANDISET * NATREEN * RCRA WASTE NUMBER U202 * SACARINA * SACCHARIMIDE * SACCHARIN * SACCHARINA * SACCHARIN ACID * SACCHARINE * SACCHARIN INSOLUBLE * SACCHARINOL * SACCHARINOSE * SACCHAROL * SAXIN * SUCRE EDULCOR * SUCRETTE * o-SULFOBENZIMIDE * o-SULFOBENZOIC ACID IMIDE * 2-SULPHOBENZOIC IMIDE * SYKOSE * SYNCAL * ZAHARINA
MUTATION DATA AND REFERENCES:

mmo-sat 2 mg/plate		SCIEAS 198,944,77
mma-sat 2 mg/plate		SCIEAS 198,944,77
mmo-esc 4 gm/L		JEGPAY 54,154,79
cyt-smc 200 mg/L		NATUAS 294,263,81
sce-hmn-lym 1000 ppm		SCIEAS 200,543,78
dnd-rat:lvr 3 mmol/L		SinJF# 26OCT82
dnd-mus-ipr 100 mg/kg		ARTODN (Suppl 5),355,82
bfa-mus/sat 2500 mg/kg		SCIEAS 198,944,77
msc-mus-orl 750 mg/kg		MUREAV 103,49,82
sce-ham-orl 7500 mg/kg		EXPEAM 35,1364,79
sce-ham:ovr 1000 ppm		SCIEAS 200,543,78
sce-ham:lng 100 mg/L		BJCAAI 45,769,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-mus TDLo:16800 mg/kg (MGN)	TXCYAC 8,285,77
2T76T81	orl-mus TDLo:101 gm/kg (1-21D preg/21D post)	DBTEAD 17,103,69
1T76	orl-mus TDLo:252 gm/kg (MGN)	DBTEAD 17,103,69
1T35	orl-mus TDLo:155 mg/kg (7D preg)	IIZAAX 16,330,64

TUMORIGENIC DATA AND REFERENCES:

2V03L60	orl-rat TDLo:2008 gm/kg/2Y-C	JAPMAB 40,583,51
2V03R60	skn-mus TDLo:9600 mg/kg/10W-I	BJCAAI 10,363,56
2V03J60	ipr-mus TDLo:15600 mg/kg/8W-I	CNREAB 33,3069,73
2V02M60	imp-mus TDLo:80 mg/kg	BJCAAI 11,212,57

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:17 gm/kg EXPEAM 35,1364,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PWPSA8 18,306,75; TOANDB -,71,74; MUREAV 32,91,75; WMWOA4 121,515,71; EVHPAZ 25,173,78; BLFSBY 24,129,83; NUCADQ 3,109,81
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 22,111,80
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 22,111,80
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
3-BENZISOTHIAZOLINONE 1,1-DIOXIDE see: DE4200000

DE4250000 1,2-BENZISOTHIAZOLIN-3-ONE, 1,1-DIOXIDE, CALCIUM SALT
UPDT:8307 CAS: 6485-34-3 MW: 406.46 MOLFM: C14-H10-N2-O6-S2-Ca
SYN: 1,2-BENZISOTHIAZOL-3(2H)-ONE 1,1-DIOXIDE, CALCIUM SALT (9CI) * CALCIUM o-BENZOSULFIMIDE * CALCIUM o-BENZOSULPHIMIDE * CALCIUM 2-BENZOSULPHIMIDE * CALCIUM SACCHARIN * CALCIUM SACCHARINA * CALCIUM SACCHARINATE * DARAMIN * SACCHARIN CALCIUM * SULPHOBENZOIC IMIDE CALCIUM SALT
MUTATION DATA AND REFERENCES:
dns-rat:lvr 1 mg/L CNREAB 40,4541,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DE4550000 1,2-BENZISOTHIAZOLIN-3-ONE, 1,1-DIOXIDE, SODIUM SALT
UPDT:8408 CAS: 128-44-9 MW: 205.17 MOLFM: C7-H4-N-O3-S-Na
SYN: ARTIFICIAL SWEETENING SUBSTANZ GENDORF 450 * CRISTALLOSE * CRYSTALLOSE * DAGUITAN * KRISTALLOSE * MADHURIN * ODA * SACCHARINE SOLUBLE * SACCHARINNATRIUM * SACCHARIN, SODIUM * SACCHARIN, SODIUM SALT * SACCHARIN SOLUBLE * SACCHAROIDUM NATRICUM * SAXIN * SODIUM 1,2-BENZISOTHIAZOLIN-3-ONE-1,1-DIOXIDE * SODIUM o-BENZOSULFIMIDE * SODIUM BENZOSULPHIMIDE * SODIUM o-BENZOSULPHIMIDE * SODIUM 2-BENZOSULPHIMIDE * SODIUM SACCHARIDE * SODIUM SACCHARIN * SODIUM SACCHARINATE * SODIUM SACCHARINE * SOLUBLE GLUSIDE * SOLUBLE SACCHARIN * SUCCARIL * SUCRA * o-SULFONBENZOIC ACID IMIDE SODIUM SALT * SULPHOBENZOIC IMIDE SODIUM SALT * SWEETA * SYKOSE * WILLOSETTEN
MUTATION DATA AND REFERENCES:

rmo-sat 62 mmol/L		MUREAV 32,81,75
sln-dmg-par 5 mmol/L		MUREAV 32,81,75
sln-dmg-orl 5 pph		SBJODP 1,77,75
mrc-smc 2 gm/L		MUREAV 67,215,79
cyt-hmn:leu 500 mg/L		MUREAV 32,81,75
sce-hmn:lev 20 umol/L		ENMUDM 1,177,79
dns-rat:lvr 1 mg/L		CNREAB 40,4541,80
mmo-mus:lym 11 gm/L/4H		MUREAV 59,61,79
cyt-mus-ipr 4000 mg/kg		MUREAV 54,219,78
dlt-mus-ipr 500 mg/kg/60H-I		BECTA6 12,186,74
dlt-mus-orl 6 gm/kg/30D		MUREAV 32,81,75
spm-mus-ipr 1 gm/kg/60H		MUREAV 32,81,75
cyt-ham:fbr 8 gm/L/48H		MUREAV 48,337,77
cyt-ham:lng 100 mg/L		HEREAY 70,271,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-mus TDLo:103 gm/kg (30D male)	IJMRAQ 60,599,72
1T23	orl-mus TDLo:2 gm/kg (MGN)	TOLED5 19,267,83
1T23	ipr-mus TDLo:2 gm/kg (1D male)	JEPTDQ 2(4),1047,79

TUMORIGENIC DATA AND REFERENCES:

2V01M60	orl-rat TDLo:1092 gm/kg/1Y-C	GANNA2 74,8,83
3V02M60V10	imp-mus TDLo:176 mg/kg	SCIEAS 168,1238,70
3V02M61R60	orl-rat TD :112 gm/kg/8W-C	CNREAB 37,2943,77
3V02M61R60	orl-rat TD :224 gm/kg/8W-C	CNREAB 37,2943,77
2V03M60	orl-rat TD :1330 gm/kg/95W-C	CBINA8 11,225,75
3V03M60M01	orl-rat TD :2660 gm/kg/95W-C	BJCAAI 39,355,79
3V03M60M01	orl-rat TD :1428 gm/kg/2Y-C	BJCAAI 39,355,79
3V03M61M01	orl-rat TD :1190 gm/kg/85W-C	BJCAAI 39,355,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:14200 mg/kg	FCTXAV 6,313,68
*	ipr-rat LD50:7100 mg/kg	FCTXAV 6,313,68
*	orl-mus LD50:17500 mg/kg	FCTXAV 6,313,68
	ipr-mus LDLo:512 mg/kg	CBCCT* 2,302,50

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; EVHPAZ 25,173,78; BLFSBY 24,253,83
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 22,111,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE4610000 1,2-BENZISOTHIAZOLIN-3-ONE, 2-(2-OXO-3-PIPERIDYL)-, 1,1-DIOXIDE
UPDT:8312 MW: 280.32 MOLFM: C12-H12-N2-O4-S
SYN: CG 3033 * 3-(2,3-DIHYDRO-1,1-DIOXIDO-3-OXO-1,2-BENZISOTHIAZOL-2-YL)-2-OXOPIPERIDINE * EM 87 * SUPIDIMIDE
TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LD50:3250 mg/kg ARZNAD 31,941,81
1,2-BENZISOTHIAZOL-3(2H)-ONE 1,1-DIOXIDE see: DE4200000
1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, CALCIUM SALT (9CI) see: DE4250000
BENZISOTRIAZOLE see: DM1225000

DE4925000 1,2-BENZISOXAZOLE-5,6-DIOL, 3a,4,5,6,7,7a-HEXAHYDRO-3-(1-METHYL-5-NITROIMIDAZOL-2-YL)-
UPDT:8411 MW: 282.29 MOLFM: C11-H14-N4-O5
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate MUREAV 136,1,84
mma-sat 500 ng/plate MUREAV 136,1,84

DE4926000 1,2-BENZISOXAZOLE-6,7-DIOL, 3a,4,5,6,7,7a-HEXAHYDRO-3-(1-METHYL-5-NITROIMIDAZOL-2-YL)-
UPDT:8411 MW: 282.29 MOLFM: C11-H14-N4-O5
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate MUREAV 136,1,84
mma-sat 500 ng/plate MUREAV 136,1,84

DE4927000 1,2-BENZISOXAZOLE, 3a,4,5,6,7,7a-HEXAHYDRO-3-(1-METHYL-5-NITROIMIDAZOL-2-YL)-
UPDT:8411 CAS: 33450-08-7 MW: 250.29 MOLFM: C11-H14-N4-O3
MUTATION DATA AND REFERENCES:
mma-sat 500 ng/plate MUREAV 136,1,84

DE4932000 1,2-BENZISOXAZOL-5-OL, 3a,4,5,6,7,7a-HEXAHYDRO-3-(1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)-
UPDT:8412 MW: 253.27 MOLFM: C10-H13-N4-O4
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate MUREAV 136,1,84
mma-sat 500 ng/plate MUREAV 136,1,84

DE4933000 1,2-BENZISOXAZOL-7-OL, 3a,4,5,6,7,7a-HEXAHYDRO-3-(1-METHYL-5-NITROIMIDAZOL-2-YL)-
UPDT:8411 MW: 266.29 MOLFM: C11-H14-N4-O4
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 136,1,84
mma-sat 1 ug/plate MUREAV 136,1,84

DE4934000 1,2-BENZISOXAZOL-5-ONE, 3a,4,5,6,7,7a-HEXAHYDRO-3-(1-METHYL-5-NITROIMIDAZOL-2-YL)-
UPDT:8411 MW: 264.27 MOLFM: C11-H12-N4-O4
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 136,1,84
mma-sat 500 ng/plate MUREAV 136,1,84

DE4935000 1,2-BENZISOXAZOL-7-ONE, 3a,4,5,6,7,7a-HEXAHYDRO-3-(1-METHYL-5-NITROIMIDAZOL-2-YL)-
UPDT:8411 MW: 264.27 MOLFM: C11-H12-N4-O4
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate MUREAV 136,1,84
mma-sat 500 ng/plate MUREAV 136,1,84

BENZITRAMIDE see: DE1820000
7,8-BENZO-1-OXA-3-AZASPIRO(4.5)DECANE-2,4-DIONE see: WH1316890
BENZNIDAZOLE see: NI3340000
3,4-BENZOACRIDINE see: CU2975000
BENZOANTHRACENE see: CV9275000
BENZO(a)ANTHRACENE see: CV9275000
1,2-BENZOANTHRACENE see: CV9275000
BENZO(a)ANTHRACENE 5,6-OXIDE see: CW4900000
7H-BENZO(de)ANTHRACEN-7-ONE see: CX5075000
BENZOANTHRONE see: CX5075000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

BENZOARIC ACID see: DJ2620000
BENZOATE see: DG0875000
17-BENZOATE-3-N-BUTYRATE d'OESTRADIOL (French) see: KG4100000
BENZOATE d'OESTRADIOL (French) see: KG4050000
BENZOATE d'OESTRONE (French) see: KG8750000
BENZOATE OF SODA see: DH6650000
BENZOATE SODIUM see: DH6650000
7,8-BENZO-2-AZASPIRO(4,5)DECANE-1,3-DIONE see: WH1317170
2H-1,4-BENZOAZIN-3(4H)-ONE, 2,2-BIS(4-(ACETOXY)PHENYL)- see: DM3325000
1-BENZOAZO-2-NAPHTHOL see: QL4900000
6H-BENZO(g)-1,3-BENZODIOXOLO(5,6-a)QUINOLIZINE, 5,8,13,13a-TETRAHYDRO-9,10-DIMETHOXY-, (S)- see: DR9823000
BENZO(g)-1,3-BENZODIOXOLO(5,6-a)QUINOLIZININUM, 5,6-DIHYDRO-9,10-DIMETHOXY-, HYDROXIDE see: DR9866500
BENZO(g)-1,3-BENZODIOXOLO(5,6-a)QUINOLIZINIUM, 5,6-DIHYDRO-9,10-DIMETHOXY-, SULFATE (2:1) see: DR9867300

DE5425000 BENZO(e)(2)BENZOPYRANO(4,3-b)INDOL-5-ONE, 5,13-DIHYDRO-
UPDT:8401 CAS: 7374-66-5 MW: 285.31 MOLFM: C19-H11-N-O2
SYN: 5,13-DIHYDRO-5-OXOBENZO(e)(2)BENZOPYRANO(4,3-b)INDOLE * 5-OXO-5H-BENZO(e)ISOCHROMENO(4,3-b)INDOLE * 5-OXO-5,13-DIHYDROBENZO(e)(2)BENZOPYRANO(4,3-b)INDOLE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I SCIEAS 158,387,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 22HAAD 6,409,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE5775000 BENZO(f)(1)BENZOTHIENO(3,2-b)QUINOLINE
UPDT:8401 CAS: 1491-10-7 MW: 285.37 MOLFM: C19-H11-N-S
SYN: NAPHTHO(1,2-e)THIANAPHTHENO(3,2-b)PYRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I EJCAAH 4,123,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE5950000 BENZO(h)(1)BENZOTHIENO(3,2-b)QUINOLINE
UPDT:8401 CAS: 1491-09-4 MW: 285.37 MOLFM: C19-H11-N-S
SYN: NAPHTHO(2,1-e)THIANAPHTHENO(3,2-b)PYRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I EJCAAH 4,123,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6125000 BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE
UPDT:8401 CAS: 846-35-5 MW: 285.37 MOLFM: C19-H11-N-S
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:360 mg/kg/25W-I JNCIAM 46,1257,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6300000 BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE, 6,13-DIHYDRO-
UPDT:8401 CAS: 10023-25-3 MW: 287.39 MOLFM: C19-H13-N-S
SYN: 6,13-DIHYDROBENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 66,307,79
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79
2V02V10 scu-mus TD :270 mg/kg/20W-I JNCIAM 46,1257,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6312000 BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE, 6,13-DIHYDRO-3-FLUORO-
UPDT:8401 MW: 305.38 MOLFM: C19-H12-F-N-S
SYN: 6,13-DIHYDRO-3-FLUORO-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE
MUTATION DATA AND REFERENCES:
mma-sat 30 ug/plate MUREAV 66,307,79
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6318000 BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE, 6,13-DIHYDRO-4-FLUORO-
UPDT:8401 MW: 305.38 MOLFM: C19-H12-F-N-S
SYN: 6,13-DIHYDRO-4-FLUORO-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE
MUTATION DATA AND REFERENCES:
mma-sat 30 ug/plate MUREAV 66,307,79
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6320000 BENZO(g)(1)BENZOTHIOPYRANO(4,3-b)INDOLE, 6,13-DIHYDRO-2-FLUORO-
UPDT:8401 MW: 305.38 MOLFM: C19-H12-F-N-S
SYN: 6,13-DIHYDRO-2-FLUORO-BENZO(g)(1)BENZOTHIOPYRANO(4,3-b)INDOLE
MUTATION DATA AND REFERENCES:
mma-sat 30 ug/plate MUREAV 66,307,79
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:78 mg/kg/9W-I MUREAV 66,307,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6332000 BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE, 2-FLUORO-
UPDT:8401 MW: 303.36 MOLFM: C19-H10-F-N-S
SYN: 2-FLUORO-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE
MUTATION DATA AND REFERENCES:
mma-sat 30 ug/plate MUREAV 66,307,79
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6335000 BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE, 3-FLUORO-
UPDT:8401 MW: 303.36 MOLFM: C19-H10-F-N-S
SYN: 3-FLUORO-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE
MUTATION DATA AND REFERENCES:
mma-sat 30 ug/plate MUREAV 66,307,79
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6340000 BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE, 4-FLUORO-
UPDT:8401 MW: 303.36 MOLFM: C19-H10-F-N-S
SYN: 4-FLUORO-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE
MUTATION DATA AND REFERENCES:
mma-sat 30 ug/plate MUREAV 66,307,79
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6348000 BENZO(g)(1)BENZOTHIOPYRANO(4,3-b)INDOLE, 3-FLUORO-
UPDT:8401 MW: 303.36 MOLFM: C19-H10-F-N-S
SYN: 3-FLUORO-BENZO(g)(1)BENZOTHIOPYRANO(4,3-b)INDOLE
MUTATION DATA AND REFERENCES:
mma-sat 30 ug/plate MUREAV 66,307,79
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:92 mg/kg/9W-I MUREAV 66,307,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6352000 BENZO(g)(1)BENZOTHIOPYRANO(4,3-b)INDOLE, 4-FLUORO-
UPDT:8401 MW: 303.36 MOLFM: C19-H10-F-N-S
SYN: 4-FLUORO-BENZO(g)(1)BENZOTHIOPYRANO(4,3-b)INDOLE
MUTATION DATA AND REFERENCES:
mma-sat 30 ug/plate MUREAV 66,307,79
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6358000 6H-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE, 4-TRIFLUOROMETHYL-
UPDT:8401 MW: 353.39 MOLFM: C20-H12-F3-N-S
SYN: 4-TRIFLUOROMETHYL-6H-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:92 mg/kg/9W-I MUREAV 66,307,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6380000 BENZO(1,2-b:4,5-b')BIS(1)BENZOTHIOPHENE, 6,12-DIMETHYL-
UPDT:8401 CAS: 37750-86-0 MW: 318.46 MOLFM: C20-H14-S2
SYN: 6,12-DIMETHYLBENZO(1,2-b:4,5-b')DITHIONAPHTHENE
MUTATION DATA AND REFERENCES:
mnt-mus:fbr 1500 ug/L NULSAK 6,17,63
cyt-mus:fbr 1500 ug/L NULSAK 6,17,63
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:80 mg/kg JNCIAM 18,555,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE6430000 BENZO(1,2-b:5,4-b')BIS(1)BENZOTHIOPHENE, 6,12-DIMETHYL-
UPDT:8401 CAS: 4699-26-7 MW: 318.46 MOLFM: C20-H14-S2
SYN: 6,12-DIMETHYLBENZO(1,2-b:5,4-b')BIS(1)BENZOTHIOPHENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:80 mg/kg JNCIAM 18,555,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOBLAU 3B see: QJ6475000
BENZO BLUE see: QJ6475000
BENZO BLUE 3B see: QJ6475000
BENZO BLUE BBA-CF see: QJ6400000
BENZO BLUE BBN-CF see: QJ6400000
BENZO BLUE 3BS see: QJ6475000
BENZO BLUE GS see: QJ6400000
BENZO BRILLIANT BLUE 6BS see: QJ6430000

DE7025000 11H-BENZO(a)CARBAZOLE
UPDT:8403 CAS: 239-01-0 MW: 217.28 MOLFM: C16-H11-N
SYN: 1,2-BENZCARBAZOLE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:840 mg/kg/21W-I HSZPAZ 236,79,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACRSAJ 7,475,63; 85DHAX Pc,4,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE7045000 5H-BENZO(c)CARBAZOLE-8-CARBOXYLIC ACID, 6,7-DIHYDRO-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8J03 CAS: 64709-47-3 MW: 370.91 MOLFM: C21-H22-N2-O2-Cl-H
MUTATION DATA AND REFERENCES:
mmo-esc 10 mmol/L GNKAA5 13(9),1621,77
mmo-omi 50 mmol/L GNKAA5 13(9),1621,77

DE7100000 7H-BENZO(c)CARBAZOLE, 10-METHYL-
UPDT:8401 CAS: 21064-50-6 MW: 231.31 MOLFM: C17-H13-N
SYN: 6-METHYL-3,4-BENZOCARBAZOLE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/9W-I BAFEAG 42,3,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE7140000 11H-BENZO(a)CARBAZOLE, 11-METHYL-
UPDT:8401 CAS: 13127-50-9 MW: 231.31 MOLFM: C17-H13-N
SYN: 9-METHYL-1,2-BENZOCARBAZOLE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 skn-mus TDLo:400 mg/kg/17W-I CRSBAW 141,635,47
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

8,9-BENZO-gamma-CARBOLINE see: DK0700000
BENZOCHINAMIDE see: DK1575000
BENZO-CHINON (German) see: DK2625000
1,4-BENZOCHINONGUANYLHYDRAZONTHIOSEMICARBAZON HYDROCHLORID HYDRAT (German) see: DK2790000
BENZ-O-CHLOR see: DD2275000
BENZOCHLORPROPAMID see: UE3150000
BENZO(e)CHRYSENE see: TJ3700000

DE7340000 BENZO(b)CHRYSENE
UPDT:8401 CAS: 214-17-5 MW: 278.36 MOLFM: C22-H14
SYN: 2,3-BENZOCHRYSENE * 3,4-BENZ(1)TRACENE * BENZO(c)TETRAPHENE * 3,4-BENZOTETRAPHENE * 1,2:6,7-DIBENZOPHENANTHRENE * 2,3:7,8-DIBENZOPHENANTHRENE * DIBENZO-2,3:7,8-PHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:28 mg/kg JNCIAM 50,1717,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE7350000 BENZO(c)CHRYSENE
UPDT:8401 CAS: 194-69-4 MW: 278.36 MOLFM: C22-H14
SYN: 1,2:5,6-DIBENZPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1630 mg/kg/68W-I PRLBA4 129,439,40
2V03V10 scu-mus TDLo:2400 mg/kg/36W-I PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZO(d,e,f)CHRYSENE see: DJ3675000

DE7525000 BENZO(g)CHRYSENE
UPDT:8401 CAS: 196-78-1 MW: 278.36 MOLFM: C22-H14
SYN: 1,2:3,4-DIBENZOPHENANTHRENE * 1,2:3,4-DIBENZPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 orl-mus TDLo:15 gm/kg/74W-I PRLBA4 129,439,40
3V03J60R60 skn-mus TDLo:720 mg/kg/30W-I PRLBA4 129,439,40

BEST COPY AVAILABLE

3V03K60V10 scu-mus TDLo:1400 mg/kg/21W-I PRLBA4 129,439,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,3-BENZOCHRYSENE see: DE7340000

BENZO(10,11)CHRYSENO(1,2-b)OXIRENE, 6-beta,7-alpha-DIHYDRO- see: DJ7920000

BENZO(10,11)CHRYSENO(3,4-b)OXIRENE-7,8-DIOL, 7,8,8a,9a-TETRAHYDRO-, (- -)- (9CI) see: DJ7957100

BENZO CONGO RED see: QK1400000

BENZO CONGO RUBINE see: QK1296000

N-6-(3,4-BENZOCOUMARINYL)ACETAMIDE see: HP8750000

BENZOCTAMINE HYDROCHLORIDE see: KJ4550000

DE8025500 11H-BENZO(5,6)CYCLOHEPTA(1,2-b)PYRIDINE, 5,6-DIHYDRO-11-(1-METHYL-4-PIPERIDYLIDENE)-, DIMALEATE

UPDT:8405 CAS: 3978-86-7 MW: 522.60 MOLFM: C20-H22-N2 2C4-H4-O4

SYN: AZATADINE DIMALEATE * AZATADINE MELEATE * 6,11-DIHYDRO-11-(1-METHYL-4-PIPERIDYLIDENE)5H-BENZO(5,6)CYCLOHEPTA(1,2-b)PYRIDINE DIMALEATE * IDULIAN * OPTIMINE * SCH 10649 * ZADINE

TOXICITY DATA AND REFERENCES:

orl-rat	LD50:440 mg/kg	TXAPA9 18,185,71
ipr-rat	LD50:166 mg/kg	JZKEDZ 1,173,75
scu-rat	LD50:1000 mg/kg	JZKEDZ 1,173,75
orl-mus	LD50:184 mg/kg	JZKEDZ 1,173,75
ipr-mus	LD50:105 mg/kg	JZKEDZ 1,173,75
scu-mus	LD50:178 mg/kg	JZKEDZ 1,173,75
scu-mus	LDLo:50 mg/kg	JZKEDZ 1,79,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE8260000 10H-BENZO(4,5)CYCLOHEPTA(1,2-b)THIOPHEN-10-ONE, 4,9-DIHYDRO-4-(1-METHYL-4- PIPERIDINYLIDENE)-, (E)-2-BUTENEDIOATE (1:1)

UPDT:8411 CAS: 34580-14-8 MW: 425.53 MOLFM: C19-H19-N-O-S C4-H4-O4

SYN: KETOTIFEN FUMARATE * ZADITEN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T31T34T47	orl-rat TDLo:9800 ug/kg (9W male/2W pre-21D preg)	KSRNAM 13,4096,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:360 mg/kg	IYKEDH 14,297,83
*	scu-rat LD50:480 mg/kg	IYKEDH 14,297,83
*	ivn-rat LD50:5100 ug/kg	IYKEDH 14,297,83
*	orl-mus LD50:585 mg/kg	IYKEDH 14,297,83
*	scu-mus LD50:820 mg/kg	IYKEDH 14,297,83
*	ivn-mus LD50:18800 ug/kg	IYKEDH 14,297,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE8380000 5H-BENZOCYCLOHEPTENE-5-ONE, 2,3,4,6-TETRAHYDROXY-

UPDT:8406 CAS: 569-77-7 MW: 220.19 MOLFM: C11-H8-O5

SYN: PURPUROGALLIN

MUTATION DATA AND REFERENCES:

mmo-sat	50 ug/plate	PMRSDJ 1,11,81
mma-sat	10 ug/plate	PMRSDJ 1,11,81

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DE8400000 BENZO(j)CYCLOPENT(fg)ACEANTHRYLENE, 1,2,5,6-TETRAHYDRO-

UPDT:8401 CAS: 3570-54-5 MW: 280.38 MOLFM: C22-H16

SYN: NORSTERANTHRENE * 1-NORSTERANTHRENE * 1,2,5,6-TETRAHYDROBENZO(j)CYCLOPENT(fg)ACEANTHRYLENE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	scu-mus TDLo:72 mg/kg/13W-I	NATWAY 53,583,66
3V03R60V10	scu-mus TD:72 mg/kg/9W-I	NATUAS 200,183,63
2V03R60	scu-mus TD:72 mg/kg/8W-I	NATWAY 53,583,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE8575000 1H-BENZO(a)CYCLOPENT(b)ANTHRACENE

UPDT:8401 CAS: 240-44-8 MW: 268.37 MOLFM: C21-H16

SYN: 6,7-CYCLOPENTENO-1,2-BENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	skn-mus TDLo:820 mg/kg/34W-I	PRLBA4 117,318,35

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE8600000 BENZO(de)CYCLOPENT(a)ANTHRACENE

UPDT:8401 CAS: 198-46-9 MW: 252.32 MOLFM: C20-H12

SYN: delta(sup 3)1-DEHYDRO-3,4-TRIMETHYLENEISOBENZANTHRENE-2

TUMORIGENIC DATA AND REFERENCES:

2V03V10	imp-mus TDLo:600 mg/kg/40W-I	JNCIAM 2,241,41

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE8650000 1H-BENZO(a)CYCLOPENT(h)ANTHRACENE, 2,3-DIHYDRO-

UPDT:8401 CAS: 7099-43-6 MW: 270.39 MOLFM: C21-H18

SYN: 5,6-CYCLOPENTENO-1,2-BENZANTHRACENE * 2,3-DIHYDRO-1H-BENZO(a)CYCLOPENT(b)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	skn-mus TDLo:480 mg/kg/20W-I	PRLBA4 111,485,32

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZO DARK GREEN B see: QJ6195050

BENZO DARK GREEN BA-CF see: QJ6195J50

BENZO DEEP BLACK E see: QJ6160000

BENZODIAPIN see: DE9450000

7,8-BENZO-1,3-DIAZASPIRO(4.5)DECANE-2,4-DIONE see: WH1310400

7,8-BENZO-1,3-DIAZASPIRO(4.5)DECANE-4-ONE HYDROCHLORIDE see: WH1312300

7,8-BENZO-1,3-DIAZASPIRO(4.5)DECANE-4-ONE-2-THIONE see: WH1312100

3H-1,4-BENZODIAZEPIN-2-AMINE, 7-CHLORO-N-METHYL-5-PHENYL-, 4-OXIDE (9CI) see: DE9275000

3H-1,4-BENZODIAZEPIN-2-AMINE, 7-CHLORO-N-METHYL-5-PHENYL-, 4-OXIDE, MONOHYDROCHLORIDE see: DE9450000

DE8746000 BENZODIAZEPINE

UPDT:8411 CAS: 12794-10-4 MW: 144.19 MOLFM: C9-H8-N2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T85	scu-rat TDLo:17500 ug/kg (14-20D preg)	TJADA8 29(3),15A,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE8750000 1H-1,4-BENZODIAZEPINE-3-CARBOXYLIC ACID, 7-CHLORO-2,3-DIHYDRO-2-OXO-5-PHENYL-, MONOPOTASSIUM SALT, compd. with POTASSIUM HYDROXIDE

UPDT:8408 CAS: 57109-90-7 MW: 409.95 MOLFM: C16-H11-Cl-N2-O3 H-K-O-K

SYN: AB 35616 * ABBOTT-35616 * AH-3232 * BELSEREN * BIPOTASSIUM CHLORAZEPATE * 4306 CB * CB-4306 * CHLORAZEPAM * CHLORAZEPATE DIPOTASSIUM * CLORAZEPATE DIPOTASSIUM * DIPOTASSIUM CHLORAZEPATE * DIPOTASSIUM CLORAZEPATE * MENDON * NEVRACTEN * POTASSIUM-7-CHLORO-2,3-DIHYDRO-2-OXO-5-PHENYL-1H-1,4-BENZODIAZEPINE-3-CARBOXYLATE KOH * TENCILAN * TRANSENE * TRANSILIUM * TRANXENE * TRANXILEN * TRANXILENE * TRANXILIUM

MUTATION DATA AND REFERENCES:

sln-ovr	1 mg/L	MUREAV 26,159,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T77T83T86	unk-wmn TDLo:18 mg/kg (25-39W preg)	THERAP 36,305,81
2T77T86	unk-wmn TDLo:54600 ug/kg (1-39W preg)	THERAP 36,305,81
1T112	orl-rat TDLo:36400 mg/kg (26W pre)	OYYAA2 8,89,74
2T81T85	ims-rat TDLo:96 mg/kg (8-10D preg)	ARNEAS 37,350,80

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:880 mg/kg	IYKEDH 10,710,79
*	ipr-rat LD50:31200 ug/kg	IYKEDH 10,710,79
*	scu-rat LD50:1478 mg/kg	NIIRDN 6,245,82
*	ivn-rat LD50:279 mg/kg	NIIRDN 6,245,82
3F18F29F05	orl-mus LD50:700 mg/kg	ARZNAD 20,123,70
3F29F05F18	ipr-mus LD50:290 mg/kg	ARZNAD 20,123,70
*	scu-mus LD50:443 mg/kg	IYKEDH 10,710,79
*	ivn-mus LD50:157 mg/kg	IYKEDH 10,710,79

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, DNSYAG 36,23,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE9070000 1H-1,4-BENZODIAZEPINE, 7-CHLORO-2,3-DIHYDRO-1-METHYL-5-PHENYL-

UPDT:8403 CAS: 2898-12-6 MW: 270.78 MOLFM: C16-H15-Cl-N2

SYN: ANSILAN * 7-CHLORO-2,3-DIHYDRO-1-METHYL-5-PHENYL-1H-1,4-BENZODIAZEPINE * 1H-1,4-BENZODIAZEPINE, 2,3-DIHYDRO-7-CHLORO-1-METHYL-5-PHENYL- * DIEPIN * 2,3-DIHYDRO-7-CHLORO-1-METHYL-5-PHENYL-1H-1,4-BENZODIAZEPINE * ELBRUS * ESMAIL * MEDAZEPAM * MEDAZEPOL * MEGASEDAN * MEZEPAN * NARSIS * NOBRIUM * PAZITAL * PSIQUIUM * RESMIT * RUDOTEL * SERENIUM * SIMAN * TRANQUILAX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1TC3	orl-rat TDLo:860 mg/kg (1-22D preg; 21D post)	PSYPAG 41,113,75

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:900 mg/kg	26RAAN-35,73
	orl-mus LD50:820 mg/kg	26RAAN-44,73
	ipr-mus LD50:360 mg/kg	AIPTAK 185,135,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE9275000 3H-1,4-BENZODIAZEPINE, 7-CHLORO-2-(METHYLAMINO)-5-PHENYL-, 4-OXIDE

UPDT:8408 CAS: 58-25-3 MW: 299.78 MOLFM: C16-H14-Cl-N3-O

SYN: 3H-1,4-BENZODIAZEPIN-2-AMINE, 7-CHLORO-N-METHYL-5-PHENYL-, 4-OXIDE (9CI) * CD 2 * CDO * CDP * CHLORDIAZEPOXIDE * CHLORIDIAZEPIDE * CHLORIDIAZEPOXIDE * CLORODIAZEPOXIDE * 7-CHLORO-2-METHYLAMINO-5-PHENYL-3H-1,4-BENZODIAZEPINE-4-OXIDE * 7-CHLORO-2-METHYLAMINO-5-PHENYL-3H-1,4-BENZODIAZEPIN-4-OXIDE * CLOPOXIDE * CLORDIAZEPOSSIDO (Italian) * 7-CLORO-2-METILAMINO-5-FENIL-3H-1,4-BENZODIAZEPINA-4-OSSIDO (Italian) * DECACIL * EDEN * ELENIUM * IFIBRIUM * KALMOCAPS * LIBRAX * LIBRININ * LIBRITABS * LIBRIUM * MESURAL * METHAMINODIAZEPOXIDE * MILDMEN * NAPOTON * NAPTON * PSICOSAN * RADEPUR * VIOPSICOL

MUTATION DATA AND REFERENCES:

cyt-mus-unk	400 mg/kg	CYGEDX 10(4),72,76
dlt-mus-unk	400 mg/kg	CYGEDX 10(4),72,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T04	orl-man TDLo:286 ug/kg (1D male)	AJPSAO 121,610,64
1T85	orl-rat TDLo:3520 ug/kg (16D post)	49DWAS-,217,85
3T34T75T81	orl-rat TDLo:525 mg/kg (1-21D preg)	TXAPA9 48,A120,79
2T46T72	orl-rat TDLo:525 mg/kg (1-21D preg)	TXAPA9 48,A120,79
1T34	orl-rat TDLo:120 mg/kg (5-16D preg)	RCOCB8 7,701,74
1T81	orl-rat TDLo:4400 ug/kg (20D post)	49DWAS-,217,83
2T81T85	ipr-rat TDLo:21 mg/kg (1-21D preg)	NTOTDY 4,279,82
2T81T85	ipr-rat TDLo:21 mg/kg (21D post)	NTOTDY 4,279,82
1T16	orl-mus TDLo:936 mg/kg (26D pre)	RCOCB8 11,155,75
2T76T81	orl-mus TDLo:2484 mg/kg (5D male/3W pre-3W post)	PLRCAT 9,187,77
1T21	orl-mus TDLo:6 gm/kg (5D male/15D pre)	RCOCB8 13,601,76
1T85	orl-mus TDLo:756 mg/kg (1-21D preg)	PLRCAT 9,325,77
1T35	scu-mus TDLo:150 mg/kg (9D preg)	DGDFA5 22,61,80
1T41	ipr-ham TDLo:280 mg/kg (8D preg)	LIFSAK 29,2141,81
1T25	ipr-ham TDLo:2410 mg/kg (8D preg)	LIFSAK 29,2141,81
1T34	ipr-ham TDLo:3100 mg/kg (8D preg)	LIFSAK 29,2141,81

TOXICITY DATA AND REFERENCES:

3F06F07F26	orl-wmn TDLo:4 mg/kg	TXAPA9 3,619,61
	orl-rat LD50:548 mg/kg	TXAPA9 18,185,71
	ipr-rat LD50:143 mg/kg	ARZNAD 17,242,67
	ivn-rat LD50:165 mg/kg	CTCEA9 7,590,65
*	orl-mus LD50:260 mg/kg	BCFAAI 111,293,72
1F17	ipr-mus LD50:207 mg/kg	OYYAA2 7,381,73
1F02	scu-mus LD50:392 mg/kg	APTOA6 19,247,62
2F07J25	ivn-mus LD50:95 mg/kg	AIPTAK 178,216,69
*	ims-mus LD50:366 mg/kg	NIIRDN 6,248,82
2F07J25	orl-rbt LD50:590 mg/kg	AIPTAK 178,216,69

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, DNSYAG 36,23,75; CLANA4 10(pt 1),207,73; INTEAG 15(1),7,74; CLCHAU 19,361,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE9450000 3H-1,4-BENZODIAZEPINE, 7-CHLORO-2-METHYLAMINO-5-PHENYL-, 4-OXIDE, MONOHYDROCHLORIDE

UPDT:8411 CAS: 438-41-5 MW: 336.24 MOLFM: C16-H14-Cl-N3-O Cl-H

SYN: ANSIACAL * A-POXIDE * BENT * BENZODIAPIN * 3H-1,4-BENZODIAZEPIN-2-AMINE, 7-CHLORO-N-METHYL-5-PHENYL-, 4-OXIDE, MONOHYDROCHLORIDE * CALMODEN * CEBRUM * CHLORDIAZACHEL * CHLORDIAZEPOXIDE HYDROCHLORIDE * CHLORDIAZEPOXIDE MONOHYDROCHLORIDE * CHLORIDEAZEPOXIDE HYDROCHLORIDE * 7-CHLORO-2-METHYLAMINO-5-PHENYL-3H-1,4-BENZODIAZEPINE-4-OXIDE HYDROCHLORIDE * CORAX * DIAZACHEL (OBS.) * DROXOL * ELENIUM * EQUIBRAL * LIBERTY * KALMOCAPS * LABICAN * LENTOTRAN * LIBRIUM * LIBRIUM HYDROCHLORIDE * METHAMINODIAZEPINE HYDROCHLORIDE * METHAMINODIAZEPOXIDE HYDROCHLORIDE * MILDMEN * MURCIL * NAPOTON * NOVOSED * PSICHIAL * PSICOSAN * PSICOTERINA * RELIBERAN * RO 5-0690 * SEREN-VITA * SK-LYGEN * SOPHIAMIN * TENSINYL * TIMOSIN * TRAKIPEAL * VIANSIN * VIOPSICOL

MUTATION DATA AND REFERENCES:

sln-dmg-orl	500 mg/L	IJMRAQ 76,348,82
mnt-mus-orl	188 mg/kg	TOLED5 18,45,83
mnt-mus-ipr	67 mg/kg	TOLED5 18,45,83
dlt-mus-orl	96 gm/kg 30D-C	IJMRAQ 66,847,77
hma-mus/sat	188 mg/kg	TOLED5 16,347,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T75T81	orl-rat TDLo:525 mg/kg (1-21D preg)	TXCYAC 17,311,80
3T46T71T72	orl-rat TDLo:1050 mg/kg (1-21D preg)	TXCYAC 17,311,80
1T25	orl-rat TDLo:2100 mg/kg (1-21D preg)	TXCYAC 17,311,80
1T35	orl-mus TDLo:48 gm/kg (30D male)	IJMRAQ 66,847,77
1T41	ipr-ham TDLo:28500 ug/kg (8D preg)	TOXID9 4,83,84
2T25T53	ipr-ham TDLo:28500 ug/kg (8D preg)	TJADAB 30,39,84
2T25T41	par-ham TDLo:280 mg/kg (6D preg)	NRTXDN 3,83,82
1T45	par-ham TDLo:2410 mg/kg (8D preg)	NRTXDN 3,83,82

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:537 mg/kg	TXAPA9 16,556,70

TOXICITY DATA HAVE NOT BEEN EVALUATED

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

*	ipr-rat	LD50:276 mg/kg	TXAPA9 16,556,70
	scu-rat	LD50:800 mg/kg	27ZIAQ -,71,73
	ivn-rat	LD50:165 mg/kg	27ZQAG -,159,72
	orl-mus	LD50:530 mg/kg	26RAAN -,39,73
	ipr-mus	LD50:200 mg/kg	JMCMAR 14,1106,71
	scu-mus	LD50:530 mg/kg	27ZQAG -,159,72
*	ivn-mus	LD50:178 mg/kg	CSLNX* NX#00102
	orl-dog	LD50:1000 mg/kg	27ZIAQ -,71,73
2F07J25	orl-rbt	LD50:590 mg/kg	AIPTAK 178,216,69
	ivn-rbt	LD50:36 mg/kg	IJNEAQ 5,305,66

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE9470000 3H-1,4-BENZODIAZEPINE, 7-CHLORO-2-METHYLAMINO-5-PHENYL-, 4-OXIDE, mixed with SODIUM NITRITE (1:1)

UPDT:8404

SYN: CHLORDIAZEPOXIDE, NITROSATED * CHLORDIAZEPOXIDE mixed with SODIUM NITRITE (1:1) * SODIUM NITRITE mixed with CHLORDIAZEPOXIDE (1:1)

MUTATION DATA AND REFERENCES:

	mma-sat	800 nmol/plate	CALEDQ 12,81,81
	mma-sat	800 nmol/plate	CALEDQ 12,81,81

TUMORIGENIC DATA AND REFERENCES:

3V01K60L60	orl-rat	TDLo:90 gm/kg/50W-I	FCTXAV 15,269,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE9482000 1H-1,5-BENZODIAZEPINE-1,5-DIETHANOL, alpha,alpha'-BIS(CHLOROMETHYL)-

UPDT:8403 MW: 333.29 MOLFM: C15-H22-Cl2-N2-O2

SYN: alpha,alpha'-BIS(CHLOROMETHYL) 1H-1,5-BENZODIAZEPINE-1,5-DIETHANOL

TOXICITY DATA AND REFERENCES:

*	orl-rat	LD50:750 mg/kg	PCJOAU 16,880,82

1H-1,4-BENZODIAZEPINE, 2,3-DIHYDRO-7-CHLORO-1-METHYL-5-PHENYL- see: DE9070000

DE9600000 1H-1,5-BENZODIAZEPINE-2,4(3H,5H)-DIONE, 7-CHLORO-1-METHYL-5-PHENYL-

UPDT:8405 CAS: 22316-47-8 MW: 300.76 MOLFM: C16-H13-Cl-N2-O2

SYN: CHLOREPIN * 7-CHLORO-1-METHYL-5-PHENYL-1H-1,5-BENZODIAZEPINE-2,4(3H,5H)-DIONE * CLOBAZAM * CLOREPIN * FRISIUM * N 4723 * NB 376 * LM-2717 * 1-PHENYL-5-METHYL-8-CHLORO-1,2,4,5-TETRAHYDRO-2,4-DIOXO-3H-1,5-BENZODIAZEPINE * RU-4723 * URBANYL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat	TDLo:2750 mg/kg (7-17D preg)	OYYAA2 25,1039,83
1T02	orl-rat	TDLo:1575 mg/kg (63D male)	OYYAA2 25,907,83
1T71	orl-rat	TDLo:3750 mg/kg (17-21D preg)	OYYAA2 25,917,83
1T86	orl-rat	TDLo:6500 mg/kg (17-21D preg/21D post)	OYYAA2 25,917,83
3T34T46T73	orl-rbt	TDLo:650 mg/kg (7-17D preg)	OYYAA2 25,1055,83

TOXICITY DATA AND REFERENCES:

3F03F31K13	orl-man	TDLo:104 mg/kg/1Y-C	BMJOAE 282,1931,81
3F05F17F18	orl-rat	LD50:12900 mg/kg	OYYAA2 25,663,83
	ipr-rat	LD50:740 mg/kg	BCPHBM 7,335,79
3F05F17F18	scu-rat	LD50:8700 mg/kg	OYYAA2 25,663,83
3F05F17F18	orl-mus	LD50:680 mg/kg	OYYAA2 25,663,83
	ipr-mus	LD50:289 mg/kg	BCPHBM 7,335,79
	scu-mus	LD50:2250 mg/kg	BCPHBM 7,335,79
	orl-rbt	LD50:320 mg/kg	BCPHBM 7,335,79
	orl-gpg	LD50:109 mg/kg	BCPHBM 7,335,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE9710000 2H-1,4-BENZODIAZEPINE-2-THIONE, 7-CHLORO-5-(2-FLUOROPHENYL)-1,3-DIHYDRO-1- (2,2,2-TRIFLUOROETHYL)-

UPDT:8305 CAS: 36735-22-5 MW: 386.81 MOLFM: C17-H11-Cl-F4-N2-S

SYN: QUAZEPAM * SCH 16134

TOXICITY DATA AND REFERENCES:

*	orl-mus	LDLo:5000 mg/kg	ARZNAD 32,1456,82
*	ipr-mus	LDLo:1370 mg/kg	ARZNAD 32,1456,82

DE9735000 3H-1,4-BENZODIAZEPIN-3-OL, 7-CHLORO-2-(DIMETHYLAMINO)-5-PHENYL-

UPDT:8303 CAS: 76458-47-4 MW: 313.81 MOLFM: C17-H16-Cl-N3-O

SYN: 7-CHLORO-2-(DIMETHYLAMINO)-5-PHENYL-3H-1,4-BENZODIAZEPIN-3-OL

TOXICITY DATA AND REFERENCES:

3F07F17F18	ipr-mus	LD50:250 mg/kg	FRPSAX 37,343,82

DE9770000 2H-1,4-BENZODIAZEPIN-2-ONE, 7-BROMO-5-(2-CHLOROPHENYL)-1,3-DIHYDRO-

UPDT:8309 CAS: 51753-57-2 MW: 349.63 MOLFM: C15-H10-Br-Cl-N2-O

SYN: FENAZEPAM * HMENAZEPAM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T85	orl-rat	TDLo:70 mg/kg (16-22D preg)	FATOAO 43,299,80

TOXICITY DATA AND REFERENCES:

*	ipr-rat	LD50:720 mg/kg	KHFZAN 13(10),108,79
*	orl-mus	LD50:2400 mg/kg	KHFZAN 13(10),108,79
*	ipr-mus	LD50:620 mg/kg	KHFZAN 13(10),108,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DE9800000 2H-1,4-BENZODIAZEPIN-2-ONE, 7-BROMO-1,3-DIHYDRO-5-(2-PYRIDYL)-

UPDT:8405 CAS: 1812-30-2 MW: 316.18 MOLFM: C14-H10-Br-N3-O

SYN: 2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-BROMO-5-(2-PYRIDYL)- * BROMAZEPAM * 7-BROMO-1,3-DIHYDRO-5-(2-PYRIDYL)-2H-1,4-BENZDIAZEPIN-2-ONE * 7-BROMO-5-(2-PYRIDYL)-3H-1,4-BENZODIAZEPIN-2(1H)-ONE * COMPENDIUM * 1,3-DIHYDRO-7-BROMO-5-(2-PYRIDYL)-2H-1,4-BENZODIAZEPIN-2-ONE * KI-001 * LA XVII * LECTOPAM * LEXOMIL * LEXOTAN * LEXOTANIL * RO 4-9253 * RO 5-3350

IRRITATION DATA AND REFERENCES:

	skn-hmn	3 mg/3D-I MOD	85DKAB -,127,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81	rec-rat	TDLo:180 mg/kg (17-22D preg)	OYYAA2 26,199,83
1T46	rec-rat	TDLo:210 mg/kg (14D pre, 1-7D preg)	OYYAA2 26,215,83
1T35	rec-rat	TDLo:21 mg/kg (14D pre/1-7D preg)	OYYAA2 26,215,83
1T91	rec-rat	TDLo:110 mg/kg (7-17D preg)	OYYAA2 26,111,83
1T85	rec-rat	TDLo:11 mg/kg (7-17D preg)	OYYAA2 26,111,83
1T71	rec-rat	TDLo:60 mg/kg (17-22D preg)	OYYAA2 26,199,83
3T25T26T35	rec-rbt	TDLo:130 mg/kg (6-18D preg)	OYYAA2 26,99,83

TOXICITY DATA AND REFERENCES:

*	orl-rat	LD50:1950 mg/kg	NIIRDN 6,736 82
1D35	ipr-rat	LD50:1660 mg/kg	OYYAA2 17,115,79
1D35	scu-rat	LD50:8800 mg/kg	OYYAA2 17,115,79
1D35	orl-mus	LD50:879 mg/kg	OYYAA2 17,115,79
1D35	ipr-mus	LD50:409 mg/kg	OYYAA2 17,115,79
1D35	scu-mus	LD50:6870 mg/kg	OYYAA2 17,115,79
	orl-rbt	LD50:1690 mg/kg	27ZQAG -,158,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF0350000 2H,1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-5-(o-CHLOROPHENYL)-1,3-DIHYDRO-3-HYDROXY-

UPDT:8403 CAS: 846-49-1 MW: 321.17 MOLFM: C15-H10-Cl2-N2-O2

SYN: ALMAZINE * ATIVAN * 7-CHLORO-5-(o-CHLOROPHENYL)-1,3-DIHYDRO-3-HYDROXY-2H-1,4-BENZODIAZEPIN-2-ONE * 7-CHLORO-5-(2-CHLOROPHENYL)-1,3-DIHYDRO-3-HYDROXY-2H-1,4-BENZODIAZEPIN-2-ONE * 7-CHLORO-5-(2-CHLOROPHENYL)-3-HYDROXY-1H-1,4-BENZODIAZEPIN-2(3H)-ONE * EMOTIVAL * LORAX * LORAZEPAM * LORSILAN * PSICOPAX * TAVOR * TEMESTA * WY 4035 * WYPAX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T77	orl-wmn	TDLo:2420 ug/kg (36-39W preg/2D post)	BMJOAE 282,1106,81
1T46	orl-rat	TDLo:2800 ug/kg (9-15D preg)	JZKEDZ 1,25,75

TOXICITY DATA AND REFERENCES:

3F01F08F19	orl-chd	TDLo:71 ug/kg	TOLED5 2,109,78
*	orl-rat	LD50:4500 mg/kg	IYKEDH 8,680,78
	ipr-rat	LD50:1480 mg/kg	JZKEDZ 1,5,74
*	orl-mus	LD50:1850 mg/kg	IYKEDH 8,680,78
	ipr-mus	LD50:1810 mg/kg	JZKEDZ 1,5,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF0525000 2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-5-(1-CYCLOHEXEN-1-YL)-1,3-DIHYDRO-1-METHYL-

UPDT:8406 CAS: 10379-14-3 MW: 288.80 MOLFM: C16-H17-Cl-N2-O

SYN: CB 4261 * 4261 CB * 4361 CB * 7-CHLORO-5-(CYCLOHEXEN-1-YL)-1,3-DIHYDRO-1-METHYL-2H-1,4-BENZODIAZEPIN-2-ONE * 7-CHLORO-5-(1-CYCLOHEXENYL)-1-METHYL-2-OXO-2,3-DIHYDRO-1H-(1,4)-BENZODIAZEPINE * CLINOXAN * MUSARIL * MYOLASTAN * TETRAZEPAM

TOXICITY DATA AND REFERENCES:

*	orl-mus	LD50:2000 mg/kg	CHTPBA 2,254,67
	ipr-mus	LD50:415 mg/kg	27ZQAG -,171,72

DF0650000 2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1-(CYCLOPROPYLMETHYL)-5-(o-FLUOROPHENYL)-1,3-DIHYDRO-

UPDT:8408 CAS: 25967-29-7 MW: 342.82 MOLFM: C19-H16-Cl-F-N2-O

SYN: 2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1-(CYCLOPROPYLMETHYL)-5-(2-FLUOROPHENYL)-1,3-DIHYDRO- * 7-CHLORO-1-CYCLOPROPYLMETHYL-1,3-DIHYDRO-5-(2-FLUOROPHENYL)-2H-1,4-BENZODIAZEPIN-2-ONE * KB 509

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-rat	TDLo:3640 mg/kg (26W pre)	OYYAA2 20,1061,80
1T14	orl-rat	TDLo:9800 mg/kg (14D pre)	OYYAA2 21,1,81
1T46	orl-rat	TDLo:11 mg/kg (7-17D preg)	OYYAA2 21,13,81
1T85	orl-rat	TDLo:110 mg/kg (7-17D preg)	OYYAA2 21,13,81
2T75T86	orl-rat	TDLo:2700 mg/kg (17-22D preg/21D post)	OYYAA2 21,27,81
1T03	orl-rat	TDLo:10920 mg/kg (91D male)	OYYAA2 20,1061,80
1T02	orl-dog	TDLo:91 mg/kg (91D male)	OYYAA2 20,1105,80
1T03	orl-dog	TDLo:2275 mg/kg (91D male)	OYYAA2 20,1105,80
1T12	orl-dog	TDLo:91 mg/kg (91D pre)	OYYAA2 20,1105,80
1T13	orl-dog	TDLo:2275 mg/kg (91D pre)	OYYAA2 20,1105,80
1T46	orl-rbt	TDLo:13 mg/kg (6-18D preg)	KSRNAM 16,658,82

TOXICITY DATA AND REFERENCES:

3F17F19U26	orl-rat	LD50:10060 mg/kg	OYYAA2 20,1055,80
3F17F19U26	ipr-rat	LD50:2230 mg/kg	OYYAA2 20,1055,80
3F17F19U26	orl-mus	LD50:2430 mg/kg	OYYAA2 20,1055,80
3F17F19U26	ipr-mus	LD50:2110 mg/kg	OYYAA2 20,1055,80
3F17F19U26	orl-rbt	LD50:1000 mg/kg	OYYAA2 20,1055,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1-(CYCLOPROPYLMETHYL)-5-(2-FLUOROPHENYL)-1,3-DIHYDRO- see: DF0650000

DF0875000 2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1-(2-(DIETHYLAMINO)ETHYL)-5-(o-FLUOROPHENYL)-, 1,3-DIHYDRO-, DIHYDROCHLORIDE

UPDT:8406 CAS: 1172-18-5 MW: 460.84 MOLFM: C21-H23-Cl-F-N3-O 2Cl-H

SYN: BENOZIL * DALMADORM * DALMADORM HYDROCHLORIDE * DALMANE * DALMATE * DORMODOR * FELISON * FLURAZEPAM DIHYDROCHLORIDE * FLURAZEPAM HYDROCHLORIDE * ID 480 * ID 480 DIHYDROCHLORIDE * INSUMIN * LUNIPAX * NSC 78559 * RO 5-6901 * SOMLAN

TOXICITY DATA AND REFERENCES:

*	orl-rat	LD50:978 mg/kg	NIIRDN 6,706,82
*	ipr-rat	LD50:179 mg/kg	NIIRDN 6,706,82
*	scu-rat	LD50:859 mg/kg	NIIRDN 6,706,82
*	ivn-rat	LD50:40500 ug/kg	NIIRDN 6,706,82
	orl-mus	LD50:660 mg/kg	26RAAN -,47,73
*	ipr-mus	LD50:201 mg/kg	NIIRDN 6,706,82
3F05F17F19	scu-mus	LD50:440 mg/kg	OYYAA2 14,637,77
*	ivn-mus	LD50:66900 ug/kg	NIIRDN 6,706,82
2F07J25	orl-rbt	LD50:568 mg/kg	AIPTAK 178,216,69

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLPTAT 17,1,75

DF0880000 2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1-(2-(DIETHYLAMINO)ETHYL)-5-(2-FLUOROPHENYL)-1,3- DIHYDRO-, MONOHYDROCHLORIDE

UPDT:8408 CAS: 36105-20-1 MW: 424.38 MOLFM: C21-H23-Cl-F-N3-O Cl-H

SYN: FLURAZEPAM MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1F17	orl-mus	LD50:755 mg/kg	OYYAA2 7,381,73
1F17	ipr-mus	LD50:205 mg/kg	OYYAA2 7,381,73
1F17	ivn-mus	LD50:58 mg/kg	OYYAA2 7,381,73

DF1225000 2H-1,4-BENZODIAZEPINE-2-ONE, 7-CHLORO-1,3-DIHYDRO-3-HYDROXY-1-METHYL-5-PHENYL-

UPDT:8411 CAS: 846-50-4 MW: 300.76 MOLFM: C16-H13-Cl-N2-O2

SYN: 2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-3-HYDROXY-1-METHYL-5-PHENYL- * CEREPAX * 7-CHLORO-1,3-DIHYDRO-3-HYDROXY-1-METHYL-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE * 1,3-DIHYDRO-7-CHLORO-3-HYDROXY-1-METHYL-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE * ER 115 * EUMYPNOS * HYDROXYDIAZEPAM * 3-HYDROXYDIAZEPAM * KS917 * LEVANXENE * LEVANXOL * MABERITIN * N-METHYLOXAZEPAM * NORMISON * OXYDIAZEPAM * PLANUM * REMESTAN * RESTORIL * RO 5-5345 * SIGNOPAM * TEMAZEPAM * WY 2917 * WY 3917

TOXICITY DATA AND REFERENCES:

*	orl-rat	LD50:2000 mg/kg	DRUGAY 21,321,81
*	ipr-rat	LD50:600 mg/kg	DRUGAY 21,321,81
1F02	orl-mus	LD50:370 mg/kg	EJPHAZ 4,467,68
	ipr-mus	LD50:85 mg/kg	AIPTAK 185,135,70
*	orl-dog	LD50:3620 mg/kg	DRUGAY 21,321,81

DF1400000 2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-3-HYDROXY-5-PHENYL-

UPDT:8403 CAS: 604-75-1 MW: 286.73 MOLFM: C15-H11-Cl-N2-O2

SYN: DUMBRAN * ANSIOLISINA * ANSIOXACEPAM * ANXIOLIN * APLAKIL * ASTRESS * BONARE * 7-CHLORO-1,3-DIHYDRO-3-HYDROXY-5-PHENYL-2H-1,4-BENZODIAZEPINE-2-ONE * 7-CHLORO-3-HYDROXY-5-PHENYL-1,3-DIHYDRO-2H-1,4-BENZODIAZEPIN-2-ONE * ENDEREL * NOCTAZEPAM * NSLONG * ISODIM * LIMBIAL * NESONTIL * NOTARAL * OX * OXAZEPAM * PACIENX * PRAXITEN * PROPAX * PSICOPAX * QUEN * QUILIBREX * RO 5-6789 * RONDAR * SERAX * SERENAL * SERENID * SERENID D * SEREPAX * SERESTA * SERPAX * SIGACALM * SOBRIL * TAZEPAM * TRANQUO-BUSCOPAN-WIRKSTOFF * VABEN * WY 3498 * ZIO-TR

MUTATION DATA AND REFERENCES:

	mma-sat	5200 pmol/plate	CNREAB 38,4478,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T85	orl-mus	TDLo:2520 mg/kg (1-21D preg/21D post)	PLRCAT 9,325,77
1T25	orl-mus	TDLo:400 mg/kg (14D preg)	TXAPA9 25,453,73

1T16 orl-mus TDLo:1560 mg/kg (26D pre) RCOCB8 11,155,75
2T76T81 orl-mus TDLo:4140 mg/kg (5D male:3W pre-3W post) PLRCAT 9,187,77
1T21 orl-mus TDLo:2 gm/kg (5D male:15D pre) RCOCB8 13,601,76

TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-mus TDLo:65 gm/kg/52W-C RCOCB8 8,481,74

TOXICITY DATA AND REFERENCES:
3F07F09F19 orl-chd TDLo:8 mg/kg JAMANP 196,662,66
orl-mus LD50:525 mg/kg TXAPA9 18,185,71
ipr-mus LD50:767 mg/kg JMCMAR 11,777,68

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, INTEAG 15(1),7,74
★ CARCINOGENIC REVIEW,ANIMAL POSITIVE IARC** 13,57,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF1575000 2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-1-METHYL-5-PHENYL-
UPDT:8408 CAS: 439-14-5 MW: 284.76 MOLFM: $C_{16}H_{13}ClN_2O$
SYN: ALBORAL * ALISEUM * AMIPROL * ANSIOLIN * ANSIOLISINA * APAURIN * APOZEPAM * ASSIVAL * ATENSINE * ATILEN * BIALZEPAM * CALMOCITENE * CALMPOSE * CERONE * CEREGULART * 7-CHLORO-1,3-DIHYDRO-1-METHYL-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE * 7-CHLORO-1-METHYL-5-3H-1,4-BENZODIAZEPIN-2(1H)-ONE * 7-CHLORO-1-METHYL-5-OXO-5-PHENYL-3H-1,4-BENZODIAZEPINE * 7-CHLORO-1-METHYL-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE * 7-CHLORO-1-METHYL-5-PHENYL-3H-1,4-BENZODIAZEPIN-2(1H)-ONE * 7-CHLORO-1-METHYL-5-PHENYL-1,3-DIHYDRO-2H-1,4-BENZODIAZEPIN-2-ONE * CONDITION * GAP * DIAZEPAN * DIAPAM * DIAZEPAM * DIAZEPAN * DIAZETARD * DIENPAX * DIPAM * DIPEZONA * DOMALIUM * DUKSEN * DUXEN * L-PAM * ERIDAN * FAUSTAN * FREUDAL * FRUSTAN * GIHITAN * HORIZON * KIATRIUM * LA-III * LEMBROL * LEVIUM * LIBERTAS * METHYL DIAZEPINONE * 1-METHYL-5-PHENYL-7-CHLORO-1,3-DIHYDRO-2H-1,4-BENZODIAZEPIN-2-ONE * MOROSAN * NOAN * NSC 77318 * PACITRAN * PARANTEN * PAXATE * PAXEL * PUDAN * QUETINIL * QUIATRIL * QUIEVITA * RELAMINAL * RELANIUM * RELAX * REMBORIN * RO 5-2807 * S.A. 81 * SAROMET * SEDIPAM * SEDUKSEN * SEDUXEN * SERENACE * SERENAMIN * SERENZIN * SETONIL * SIBAZON * SONACON * STESOLID * STESOLIN * TENSOPAM * TRANIMUL * TRANQDYN * TRANQUIRIT * UMBRIUM * UNISEDIL * USEMPAX-AP * VALED * VALITRAN * VALIUM * VATRAN * VEDUM * VIVAL * VIZOL * WY-3467 * ZIPAN

MUTATION DATA AND REFERENCES:
mmo-sat 958 nmol/plate CNREA8 38,4478,78
sln-dmg-orl 200 mg/kg SOGEBZ 7,1042,71
cyt-wmn-unk 328 mg/kg/78W AJOGAH 107,456,70
cyt-hmn:leu 10 mg/L AJOGAH 103,836,69
bfa-mus/sat 200 mg/kg CNREA8 38,4478,78
cyt-ham:lng 1 gm/L/27H MUREAV 66,277,79
cyt-ham:fbr 100 mg/L MUREAV 122,201,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 ivn-wmn TDLo:400 ug/kg (39W preg) JOGBAS 79,635,72
2T21T22 orl-rat TDLo:10500 mg/kg (14D pre-1-7D preg) OYYAA2 15,813,78
3T34T25T46 orl-rat TDLo:5 gm/kg (8-17D preg) OYYAA2 15,797,78
2T75T81 orl-rat TDLo:675 mg/kg (17-22D preg:21D post) OYYAA2 17,787,79
2T81T85 orl-rat TDLo:40 mg/kg (13-20D preg) NTOTDY 5,565,83
2T16T85 orl-rat TDLo:220 mg/kg (1-22D preg) BEXBAN 78,1156,74
1T12 orl-rat TDLo:27300 mg/kg (91D pre) OYYAA2 20,1061,80
1T02 orl-rat TDLo:27300 mg/kg (91D male) OYYAA2 20,1061,80
1T2' ipr-rat TDLo:2500 ug/kg (1D male) PHBHA4 4,677,69
2T62T03 ipr-rat TDLo:500 mg/kg (10D male) ARANDR 3,31,79
1T85 scu-rat TDLo:40 mg/kg (13-20D preg) SCIEAS 207,205,80
1T83 scu-rat TDLo:1400 ug/kg (15-21D preg) TOLEDS 16,131,83
1T85 orl-mus TDLo:504 mg/kg (1-21D preg:21D post) PLRCAT 9,325,77
1T21 orl-mus TDLo:2 gm/kg (5D male:15D pre) RCOCB8 13,601,76
1T25 orl-mus TDLo:140 mg/kg (13D preg) TXAPA9 32,53,75
1T43 orl-mus TDLo:100 mg/kg (12D preg) TXAPA9 32,53,75
2T76T81 orl-mus TDLo:828 mg/kg (5D male:3W pre-3W post) PLRCAT 9,187,77
1T16 orl-mus TDLo:312 mg/kg (26D pre) RCOCB8 11,155,75
3T34T35T41 scu-mus TDLo:45 mg/kg (9D preg) DGDFA5 22,61,80
3T12T13T14 orl-dog TDLo:1820 mg/kg (26W pre) OYYAA2 15,777,78
1T01 orl-dog TDLo:300 mg/kg (60D male) OYYAA2 15,777,78
2T12T13 orl-dog TDLo:2275 mg/kg (91D pre) OYYAA2 20,1105,80
1T34 orl-rbt TDLo:650 mg/kg (6-18D preg) IYKEDH 10,52,79
1T46 orl-rbt TDLo:325 mg/kg (6-18D preg) OYYAA2 17,673,79
1T35 orl-rbt TDLo:1170 mg/kg (6-18D preg) JZKEDZ 7,79,81
2T43T46 orl-ham TDLo:300 mg/kg (8D preg) CJPPA3 57,556,79
1T34 orl-ham TDLo:700 mg/kg (10D preg) CJPPA3 57,556,79
1T25 orl-ham TDLo:500 mg/kg (9D preg) CJPPA3 57,556,79
2T25T34 ipr-ham TDLo:122 mg/kg (11-13D preg) JDREAF 58,2011,79
2T41T59 ipr-ham TDLo:280 mg/kg (8D preg) LIFSAK 29,2141,81
2T43T46 ivn-ham TDLo:100 mg/kg (11D preg) CJPPA3 57,556,79
1T34 ivn-ham TDLo:100 mg/kg (10D preg) CJPPA3 57,556,79
1T25 ivn-ham TDLo:75 mg/kg (10D preg) CJPPA3 57,556,79

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-mus TDLo:42 gm/kg/80W-C TXAPA9 57,39,81

TOXICITY DATA AND REFERENCES:
2R03Y55 ivn-inf TDLo:150 ug/kg BMJOAE 2,298,77
2D14D23 orl-man TDLo:143 ug/kg BCPHBM 1,335,74
3F17F19F25 orl-man TDLo:1430 ug/kg JPET+B 197,488,76
3F01F23G10 ims-wmn TDLo:181 ug/kg BMJOAE 1,144,77
3F07J25J30 ivn-man TDLo:143 ug/kg JAMAAP 238,1052,77
orl-rat LD50:710 mg/kg TXAPA9 18,185,71
ipr-rat LD50:300 mg/kg JMCMAR 20,952,77
* orl-mus LD50:220 mg/kg BCFAAI 111,293,72
* skn-mus LD50:800 mg/kg AREADB 14),57,80
ipr-mus LD50:220 mg/kg AIPTAK 185,135,70
scu-mus LD50:300 mg/kg 27ZTAP 3,48,69
* ivn-mus LD50:25 mg/kg ARZNAD 31,2180,81
* orl-rbt LD50:454 mg/kg ARZNAD 25,934,75
ivn-rbt LD50:9 mg/kg JINEAQ 5,305,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, DNSYAG 36,23,75; CLANA4 10(pt 1),207,73; INTEAG 15(1),7,74; CLCHAU 19,361,73; FNSCA6 2,67,73; CTOXAO 17,85,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF1750000 2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-5-PHENYL-
UPDT:8412 CAS: 1088-11-5 MW: 270.71 MOLFM: $C_{15}H_{11}ClN_2O$
SYN: A-101 * 7-CHLORO-1,3-DIHYDRO-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE * ADUMBRAN * DEALKYLPRAZEPAM * DEMETHYLDIAZEPAM * N-DEMETHYLDIAZEPAM * DESMETHYLDIAZEPAM * N-DEOXYDEMOXAPAM * DESALKYLPRAZEPAM * N-DESALKYLPRAZEPAM * DESMETHYLDIAZEPAM * N-DESMETHYLDIAZEPAM * DMD * MADAR * NDD * NORDIAZEPAM * NORPRAZEPAM * RO 5-2180 * STUNI

MUTATION DATA AND REFERENCES:
mma-sat 57 nmol/plate CNREA8 38,4478,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T43 orl-mus TDLo:400 mg/kg (14D preg) TXAPA9 25,453,73

TOXICITY DATA AND REFERENCES:
1F02 orl-mus LD50:670 mg/kg EJPHAZ 4,467,68
1F02 ipr-mus LD50:290 mg/kg EJPHAZ 16,311,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-5-PHENYL-1-(2-PROPYNYL)- see: DF2375000

2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-5-(o-FLUOROPHENYL)-1,3-DIHYDRO-1-METHYL- see: DF2370305

2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-5-(2-FLUOROPHENYL)-1,3-DIHYDRO-1-METHYL-(9CI) see: DF2370305

DF2100000 2-H-1,4-BENZODIAZEPIN-2-ONE, 5-(o-CHLOROPHENYL)-1,3-DIHYDRO-7-NITRO-
UPDT:8302 CAS: 1622-61-3 MW: 315.73 MOLFM: $C_{15}H_{10}ClN_3O_3$
SYN: 5-(o-CHLOROPHENYL)-1,3-DIHYDRO-7-NITRO-2H-1,4-BENZODIAZEPIN-2-ONE * 5-(o-CHLOROPHENYL)-7-NITRO-2H-1,4-BENZODIAZEPIN-2(1H)-ONE * CLONAZEPAM * 3-DIHYDRO-7-NITRO-5-(2-CHLOROPHENYL)-2H-1,4-BENZODIAZEPIN-2-ONE * RIVOTRIL * RO 5-3180 * RO 5-4023

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T41 orl-mus TDLo:3300 ug/kg (6-16D preg) TXAPA9 40,365,77
2T35T41 scu-mus TDLo:6 mg/kg (9D preg) DGDFA5 22,61,80
3T25T34T46 orl-rbt TDLo:74 mg/kg (6-13D preg) YACHDS 5,2457,77

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:14200 mg/kg IYKEDH 11,811,80
* ipr-mus LD50:13300 mg/kg IYKEDH 11,811,80

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-BROMO-5-(2-PYRIDYL)- see: DE9800000

DF2368000 2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-1-(CYCLOPROPYLMETHYL)-5-PHENYL-
UPDT:8406 CAS: 2955-38-6 MW: 324.83 MOLFM: $C_{19}H_{17}ClN_2O$
SYN: 7-CHLORO-1-(CYCLOPROPYLMETHYL)-1,3-DIHYDRO-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE * 7-CHLORO-1-(CYCLOPROPYLMETHYL)-5-PHENYL-1H-1,4-BENZODIAZEPIN-2(3H)-ONE * DEMETRIN * KS-37 * PRAZEPAM * VERSTRAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:35 gm/kg (35D male) OYYAA2 15,247,78
1T22 orl-rat TDLo:21 gm/kg (14D pre-17D preg) OYYAA2 15,813,78
1T81 orl-rat TDLo:250 mg/kg (8-17D preg) OYYAA2 15,797,78
3T46T24T71 orl-rat TDLo:2500 mg/kg (8-17D preg) OYYAA2 15,797,78
3T25T34T55 orl-rat TDLo:10 gm/kg (8-17D preg) OYYAA2 15,797,78
1T85 orl-rat TDLo:135 mg/kg (17-22D preg:21D post) OYYAA2 17,833,79
1T12 orl-rat TDLo:28 gm/kg (28D pre) OYYAA2 15,247,78
1T16 orl-mus TDLo:624 mg/kg (26D pre) RCOCB8 11,155,75
2T76T81 orl-mus TDLo:1656 mg/kg (5D male:3W pre-3W post) PLRCAT 9,187,77
1T21 orl-mus TDLo:800 mg/kg (5D male:15D pre) RCOCB8 13,601,76
1T85 orl-mus TDLo:504 mg/kg (1-21D preg) PLRCAT 9,325,77
1T12 orl-dog TDLo:3640 mg/kg (26W pre) OYYAA2 15,777,78
1T01 orl-dog TDLo:60 mg/kg (60D male) OYYAA2 15,777,78
1T14 orl-dog TDLo:910 mg/kg (26W pre) OYYAA2 15,777,78
1T03 orl-dog TDLo:1200 mg/kg (30D male) OYYAA2 15,759,78
1T13 orl-dog TDLo:1200 mg/kg (30D pre) OYYAA2 15,759,78
1T45 orl-rbt TDLo:650 mg/kg (6-18D preg) OYYAA2 17,673,79

TUMORIGENIC DATA AND REFERENCES:
2V03N60 orl-rat TDLo:5284 mg/kg 2Y-C TXAPA9 57,39,81
2V03P62 orl-mus TDLo:14 gm/kg/80W-I TXAPA9 57,39,81
2V30R60 orl-rat TD:55 gm/kg 2Y-C TXAPA9 57,39,81

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1020 mg/kg OYYAA2 15,241,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF2368050 2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-1-(2-(DIETHYLAMINO)ETHYL)-5-(o-FLUOROPHENYL)-
UPDT:8406 CAS: 5821-23-1 MW: 367.92 MOLFM: $C_{21}H_{23}ClFN_3O$
SYN: 7-CHLORO-1-(2-(DIETHYLAMINO)ETHYL)-5-(o-FLUOROPHENYL)-1H-1,4-BENZODIAZEPIN-2(3H)-ONE * FLORAZEPAM * RO 5-5807

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-mus TDLo:504 mg/kg (1-21D preg) PLRCAT 9,325,77

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:879 mg/kg IYKEDH 6,530,75
* ipr-rat LD50:152 mg/kg IYKEDH 6,530,75
* scu-rat LD50:600 mg/kg NIIRDN 6,706,82
* ivn-rat LD50:38700 ug/kg IYKEDH 6,530,75
* orl-mus LD50:500 mg/kg THERAP 26,439,71
* ipr-mus LD50:186 mg/kg IYKEDH 6,530,75
* scu-mus LD50:540 mg/kg NIIRDN 6,706,82
* ivn-mus LD50:59100 ug/kg IYKEDH 6,530,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF2368520 2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-3-(DIMETHYLAMINO)-5-PHENYL-
UPDT:8303 CAS: 32851-22-7 MW: 313.81 MOLFM: $C_{17}H_{16}ClN_3O$
SYN: 7-CHLORO-3-(DIMETHYLAMINO)-5-PHENYL-1,3-DIHYDRO-2H-1,4-BENZODIAZEPIN-2-ONE

TOXICITY DATA AND REFERENCES:
3F07F17F18 ipr-mus LD50:320 mg/kg FRPSAX 37,343,82

DF2370305 2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-5-(o-FLUOROPHENYL)-1-METHYL-
UPDT:8403 CAS: 3901-33-0 MW: 302.75 MOLFM: $C_{16}H_{12}ClFN_2O$
SYN: 2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-5-(o-FLUOROPHENYL)-1,3-DIHYDRO-1-METHYL- * 2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-5-(2-FLUOROPHENYL)-1,3-DIHYDRO-1-METHYL-(9CI) * 7-CHLORO-5-(o-FLUOROPHENYL)-1-METHYL-1H-1,4-BENZODIAZEPIN-2(3H)-ONE * TRIPAN * RO 5-3448

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2580 mg/kg IYKEDH 11,811,80
* ipr-rat LD50:315 mg/kg IYKEDH 11,811,80
* scu-rat LD50:2680 mg/kg IYKEDH 11,811,80
* orl-mus LD50:830 mg/kg IYKEDH 11,811,80
* ipr-mus LD50:360 mg/kg NIIRDN 6,698,82
* scu-mus LD50:1150 mg/kg NIIRDN 6,698,82

2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-3-HYDROXY-1-METHYL-5-PHENYL- see: DF1725000

DF2370850 2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-3-HYDROXY-5-PHENYL-, HYDROGENSUCCINATE
UPDT:8412 CAS: 2886-65-9 MW: 386 MOLFM: $C_{19}H_{15}ClN_2O_5$

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1148 mg/kg 43ELAV 4(3),988,80

BEST COPY AVAILABLE

DF2375000 2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-5-PHENYL-1-(2-PROPYNYL)-

UPDT:8403 CAS: 52463-83-9 MW: 308.78 MOLFM: C18-H13-Cl-N2-O

SYN: 2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-5-PHENYL-1-(2-PROPYNYL) * 7-CHLORO-1,3-DIHYDRO-5-PHENYL-1-(2-PROPYNYL)-2H-1,4-BENZODIAZEPIN-2-ONE * 7-CHLORO-1-PROPARGYL-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE * DOMAR * PINAZEPAM * Z-905 * ZAMI 905

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5819 mg/kg	ARZNAD 25,934,75
*	ipr-rat LD50:622 mg/kg	ARZNAD 25,934,75
*	orl-mus LD50:1355 mg/kg	ARZNAD 25,934,75
*	ipr-mus LD50:266 mg/kg	ARZNAD 25,934,75
*	orl-rbt LD50:494 mg/kg	ARZNAD 25,934,75

DF2378200 2H-1,5-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-4-(DIMETHYLAMINO)-3-((DIMETHYLAMINO)METHYLENE)-

UPDT:8312 MW: 257.35 MOLFM: C14-H17-N4-O

SYN: 4-(DIMETHYLAMINO)-3-((DIMETHYLAMINO)METHYLENE)-1,3-DIHYDRO-2H-1,5-BENZODIAZEPIN-2-ONE * 4-(DIMETILAMMINO)-3-((DIMETILAMMINO)METILENE)-1,3-DIIDRO-2H-1,5-BENZODIAZEPIN-2-ONI (Italian)

TOXICITY DATA AND REFERENCES:

3F12F17J25	orl-mus LD50:200 mg/kg	FRPSAX 38,546,83
3F12F17J25	ipr-mus LD50:100 mg/kg	FRPSAX 38,546,83

DF2385000 2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-5-(2-FLUOROPHENYL)-1-METHYL-7-NITRO-

UPDT:8306 CAS: 1622-62-4 MW: 313.31 MOLFM: C16-H12-F-N3-O3

SYN: 1,3-DIHYDRO-5-(o-FLUOROPHENYL)-1-METHYL-7-NITRO-2H-1,4-BENZODIAZEPIN-2-ONE * FLUNITRAZEPAM * 1-METHYL-7-NITRO-5-(2-FLUOROPHENYL)-3H-1,4-BENZODIAZEPIN-2(1H)-ONE * NARCOZEP * RO 5-4200 * ROHYPNOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T77	orl-wmn TDLo:310 ug/kg (16-39W preg)	THERAP 36,305,81
3T74T77T87	ims-wmn TDLo:560 ug/kg (39W preg)	THERAP 36,305,81
2T71T72	orl-rat TDLo:288 mg/kg (9W male/2W pre-3W post)	TXAPA9 53,92,80
1T53	orl-rat TDLo:225 mg/kg (7-15D preg)	TXAPA9 53,92,80
1T76	orl-rat TDLo:290 mg/kg (15-22D preg/21D post)	TXAPA9 53,92,80

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:485 mg/kg	26RAAN -,35,73
1F02	orl-mus LD50:1980 mg/kg	AIPTAK 154,131,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF2410000 2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-1-METHYL-7-NITRO-5-PHENYL-

UPDT:8408 CAS: 2011-67-8 MW: 295.32 MOLFM: C16-H13-N3-O3

SYN: 1,3-DIHYDRO-1-METHYL-7-NITRO-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE * ELIMIN * HYPNON * 1-METHYLNITRAZEPAM * 1-METHYL-5-PHENYL-7-NITRO-1,3-DIHYDRO-2H-1,4-BENZODIAZEPIN-2-ONE * NIMETAZEPAM * S-1530

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:970 mg/kg	85ESA3 9,851,76
	ipr-rat LD50:970 mg/kg	85ESA3 9,851,76
*	scu-rat LD50:1000 mg/kg	85ESA3 9,851,76
	orl-mus LD50:750 mg/kg	85ESA3 9,851,76
2F05J30	ipr-mus LD50:510 mg/kg	OYYAA2 7,705,73
*	scu-mus LD50:1500 mg/kg	85ESA3 9,851,76

DF2450000 2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-NITRO-5-PHENYL-

UPDT:8408 CAS: 146-22-5 MW: 281.29 MOLFM: C15-H11-N3-O3

SYN: BENZALIN * CALSMIN * 1,3-DIHYDRO-7-NITRO-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE * EATAN * EPIBENZALIN * EPINELBON * EUNOCTIN * HIPNAX * HIPSAL * LA-1 * MOGADAN * MOGADON * MOGADONE * NELBON * NEOZEPAM * NEUCHLONIC * NITRADOS * NITRAZEPAM * NITRENPAX * 7-NITRO-5-PHENYL-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-2-ONE * NSC 58775 * PAXISYN * PELSON * RADEDORM * RELACT * RO 4-5360 * RO 5-3059 * SOMNASED * SOMNIBEL * SOMNITE * SONEBON * SONNOLIN * SUREM * UNISOMNIA

MUTATION DATA AND REFERENCES:

	sln-dmg-orl 2 mg/9D	SOGEBZ 11,718,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T16	orl-mus TDLo:156 mg/kg (26D pre)	RCOCB8 11,155,75
2T76T81	orl-mus TDLo:414 mg/kg (5D male/3W pre-3W post)	PLRCAT 9,187,77
1T21	orl-mus TDLo:1 gm/kg (5D male/15D pre)	RCOCB8 13,601,76
1T85	orl-mus TDLo:126 mg/kg (1-21D preg)	PLRCAT 9,325,77

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:825 mg/kg	TXAPA9 18,185,71
	ipr-rat LD50:733 mg/kg	JMCMAR 20,952,77
3F02F18F25	orl-mus LD50:1150 mg/kg	KHFZAN 14(12),107,80
	ipr-mus LD50:275 mg/kg	27ZQAG -,165,72
*	ivn-mus LD50:130 mg/kg	CSLNX* NX#01434
	ivn-rbt LD50:520 mg/kg	27ZQAG -,165,72

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF2725000 5H-1,4-BENZODIAZEPIN-5-ONE, 1,2,3,4-TETRAHYDRO-1-(3-DIMETHYLAMINOPROP-2-YL)-1-PHENYL-

UPDT:8408 MW: 323.46 MOLFM: C20-H25-N3-O

SYN: 1-(3-DIMETHYLAMINOPROP-2-YL)-1-PHENYL-1,2,3,4-TETRAHYDRO-5H-1,4-BENZODIAZEPIN-5-ONE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:130 mg/kg	JMCMAR 21,476,78

BENZOIC ACID, 2-AMINO-, 3-PHENYL-2-PROPENYL ESTER see: CB2725000

1,3-BENZODIAZOLE see: DD5425000

DF3328000 BENZO(1,2-b:5,4-b')DIFURAN-4,8-DIONE, 2,3-DIHYDRO-2-ISOPROPENYL-5-METHYL-, (-)-

UPDT:8308 CAS: 27304-02-5 MW: 244.26 MOLFM: C14-H12-O4

SYN: BENZO(1,2-b:5,4-b)DIFURAN-4,8-DIONE, 2,3-DIHYDRO-5-METHYL-2-(1-METHYLETHENYL)-, (-)- (9CI) * DIHYDROCYPERAQUINONE * (-)-2,3-DIHYDRO-2-ISOPROPENYL-5-METHYLBENZO(1,2-b:5,4-b)DIFURAN-4,8-DIONE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:35 mg/kg	85GDA2 8(1),87,82

BENZO(1,2-b:5,4-b)DIFURAN-4,8-DIONE, 2,3-DIHYDRO-5-METHYL-2-(1-METHYLETHENYL)-, (-)-(9CI) see: DF3328000

1,2-BENZODIHYDROPYRONE see: MW5775000

DF3509010 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4-(m-CHLOROPHENYL)-4-METHYL-, METHYL ESTER, (E)-

UPDT:8306 MW: 353.21 MOLFM: C17-H14-Cl2-O4

SYN: trans-6-CHLORO-4-(m-CHLOROPHENYL)-4-METHYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER * RU 25961

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	EJMCA5 18,67,83

DF3509020 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4-(p-CHLOROPHENYL)-4-METHYL-, METHYL ESTER, (E)-

UPDT:8306 MW: 353.21 MOLFM: C17-H14-Cl2-O4

SYN: trans-6-CHLORO-4-(p-CHLOROPHENYL)-4-METHYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER * RU 26674

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	EJMCA5 18,67,83

DF3509100 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-2,4-DIMETHYL-4-PHENYL-, (E)-

UPDT:8306 MW: 318.77 MOLFM: C17-H15-Cl-O4

SYN: trans-6-CHLORO-2,4-DIMETHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:300 mg/kg	EJMCA5 18,67,83

DF3509110 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-2,4-DIMETHYL-4-PHENYL-, (Z)-

UPDT:8306 MW: 318.77 MOLFM: C17-H15-Cl-O4

SYN: cis-6-CHLORO-2,4-DIMETHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:400 mg/kg	EJMCA5 18,67,83

DF3509200 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4,4-DIPHENYL-

UPDT:8306 MW: 366.81 MOLFM: C21-H15-Cl-O4

SYN: 6-CHLORO-4,4-DIPHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	EJMCA5 18,67,83

DF3509300 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4,4-DIPHENYL-, METHYL ESTER

UPDT:8306 MW: 380.84 MOLFM: C22-H17-Cl-O4

SYN: 6-CHLORO-4,4-DIPHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	EJMCA5 18,67,83

DF3509389 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4-METHYL-4-PHENYL-, cis and trans mixture

UPDT:8306 MW: 304.74 MOLFM: C16-H13-Cl-O4

SYN: cis- and trans-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:130 mg/kg	EJMCA5 18,67,83

DF3509390 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4-METHYL-4-PHENYL-, (E)-

UPDT:8306 MW: 304.74 MOLFM: C16-H13-Cl-O4

SYN: AFIDE (CHLORO-6 METHYL-4 PHENYL-4 (4H) BENZODIOXINE (1,3)) CARBOXYLIQUE-2 (trans (French)) * trans-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID * RU 24728

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:150 mg/kg	EJMCA5 18,67,83

DF3509400 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4-METHYL-4-PHENYL-, (-)-(E)-

UPDT:8306 MW: 304.74 MOLFM: C16-H13-Cl-O4

SYN: trans-(-)-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID * RU 25765

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 mg/kg	EJMCA5 18,67,83

DF3509410 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4-METHYL-4-PHENYL-, (+)-(E)-

UPDT:8306 MW: 304.74 MOLFM: C16-H13-Cl-O4

SYN: trans-(+)-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID * RU 25766

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 mg/kg	EJMCA5 18,67,83

DF3509420 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4-METHYL-4-PHENYL-, (Z)-

UPDT:8306 MW: 304.74 MOLFM: C16-H13-Cl-O4

SYN: ACIDE (CHLORO-6 METHYL-4 PHENYL-4 (4H) BENZODIOXINE (1,3)) CARBOXYLIQUE-2 cis (French) * cis-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:150 mg/kg	EJMCA5 18,67,83

DF3509500 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4-METHYL-4-PHENYL-, ETHYL ESTER, (E)-

UPDT:8306 MW: 332.80 MOLFM: C18-H17-Cl-O4

SYN: trans-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 18,67,83

DF3509600 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 7-CHLORO-4-METHYL-4-PHENYL-, METHYL ESTER, (E)-

UPDT:8306 MW: 318.77 MOLFM: C17-H15-Cl-O4

SYN: trans-7-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	EJMCA5 18,67,83

DF3509610 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4-METHYL-4-PHENYL-, METHYL ESTER, (Z)-

UPDT:8306 MW: 318.77 MOLFM: C17-H15-Cl-O4

SYN: cis-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER * (CHLORO-6 METHYL-4 PHENYL-4 (4H) BENZODIOXINE-(1,3)) CARBOXYLATE-2 de METHYLE cis (French)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:350 mg/kg	EJMCA5 18,67,83

DF3509700 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4-METHYL-4-(2-THIENYL)-, METHYL ESTER, (E)-

UPDT:8306 MW: 324.79 MOLFM: C15-H13-Cl-O4-S

SYN: trans-6-CHLORO-4-METHYL-4-(2-THIENYL)-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:600 mg/kg	EJMCA5 18,67,83

DF3509800 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4-METHYL-4-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-, METHYL ESTER, (E)-

UPDT:8306 MW: 386.77 MOLFM: C18-H14-Cl-F3-O4

SYN: RU 26696

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	EJMCA5 18,67,83

DF3509900 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-(p-CHLOROPHENOXY)-4-METHYL-4-PHENYL-, METHYL ESTER, (E)-

UPDT:8306 MW: 394.87 MOLFM: C23-H19-Cl-O4

SYN: trans-6-(p-CHLOROPHENOXY)-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	EJMCA5 18,67,83

DF3510100 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-CHLORO-4-PHENYL-4-VINYL-, METHYL ESTER, (E)-

UPDT:8306 MW: 330.78 MOLFM: C18-H15-Cl-O4

SYN: trans-6-CHLORO-4-PHENYL-4-VINYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:700 mg/kg	EJMCA5 18,67,83

DF3512000 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 4,6-DIMETHYL-4-PHENYL-, METHYL ESTER, (E)-

UPDT:8306 MW: 298.36 MOLFM: C18-H18-O4

SYN: trans-4,6-DIMETHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	EJMCA5 18,67,83

DF3513000 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-FLUORO-4-METHYL-4-PHENYL-, METHYL ESTER, (E)-

UPDT:8306 MW: 302.32 MOLFM: C17-H15-F-O4

SYN: trans-6-FLUORO-4-METHYL-4-METHYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID, METHYL ESTER

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 18,67,83

DF3514000 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 6-METHOXY-4-METHYL-4-PHENYL-, METHYL ESTER, (E)-
UPDT:8306 MW: 314.36 MOLFM: C18-H18-O5
SYN: trans-6-METHOXY-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 18,67,83

DF3515500 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 4-METHYL-4-PHENYL-, (E)-
UPDT:8306 MW: 258.29 MOLFM: C15-H14-O4
SYN: ACIDE (METHYL-4 PHENYL-4 (4H) BENZODIOXINE (1,3)) CARBOXYLIQUE-2 trans (French) * trans-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg EJMCA5 18,67,83

DF3516500 1,3-BENZODIOXAN-2-CARBOXYLIC ACID, 4-METHYL-4-PHENYL-, (Z)-
UPDT:8306 MW: 270.30 MOLFM: C16-H14-O4
SYN: ACIDE (METHYL-4 PHENYL-4 (4H) BENZODIOXINE (1,3)) CARBOXYLIQUE-2 cis (French) * cis-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg EJMCA5 18,67,83

DF3517000 1,4-BENZODIOXAN-2-CARBOXYLIC ACID, 3-PHENYL-, 2-(2-(DIETHYLAMINO)ETHOXY)ETHYL ESTER, CITRATE, (E)-
UPDT:8306 MW: 591.67 MOLFM: C23-H29-N-O5 . C6-H8-O7

TOXICITY DATA AND REFERENCES:
3A11C17F17 ipr-mus LD50:200 mg/kg FRPSAX 36,932,81

DF3517500 1,4-BENZODIOXAN-2-CARBOXYLIC ACID, 3-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, CITRATE, (E)-
UPDT:8306 MW: 555.47 MOLFM: C21-H25-N-O4
SYN: trans-2-(DIETHYLAMINO)ETHYL 2,3-DIHYDRO-3-PHENYL-1,4-BENZODIOXIN-2-CARBOXYLATE CITRATE * trans-3-PHENYL-1,4-BENZODIOXAN-2-CARBOXYLIC ACID 2-(DIETHYLAMINO)ETHYL ESTER CITRATE

TOXICITY DATA AND REFERENCES:
3A11C17F17 ipr-mus LD50:300 mg/kg FRPSAX 36,932,81

DF3517700 1,4-BENZODIOXAN-2-CARBOXYLIC ACID, 3-PHENYL-, 2-(2-MORPHOLINOETHOXY)ETHYL ESTER, HYDROCHLORIDE, (E)-
UPDT:8306 MW: 413.51 MOLFM: C23-H27-N-O6
SYN: trans-2-(2-(4-MORPHOLINYL)ETHOXY)ETHYL 2,3-DIHYDRO-3-PHENYL-1,4-BENZODIOXIN-2-CARBOXYLATE

TOXICITY DATA AND REFERENCES:
3A11C17F17 ipr-mus LD50:250 mg/kg FRPSAX 36,932,81

DF3518000 1,4-BENZODIOXAN-2-CARBOXYLIC ACID, PROPYL ESTER
UPDT:8306 CAS: 24902-02-1 MW: 222.76 MOLFM: C12-H14-O4
SYN: AMLURE * PROPYL 1,4-BENZODIOXAN-2-CARBOXYLATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:7450 mg/kg SPEADM 78-1,52,78

DF3519000 1,4-BENZODIOXAN, 2-(2-CHLOROETHYL)METHYLAMINO)ETHYL)-
UPDT:8306 MW: 292.23 MOLFM: C13-H18-Cl-N-O2 . Cl-H
SYN: 1,4-BENZODIOXAN-2-ETHYLAMINE, N-(2-CHLOROETHYL)-N-METHYL-, HYDROCHLORIDE * 2-(N-(2-CHLOROETHYL)-N-METHYL-2-AMINOETHYL)-1,4-BENZODIOXANE HYDROCHLORIDE * N-(2-CHLOROETHYL)-N-METHYL-1,4-BENZODIOXAN-2-ETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LC50:56 mg/kg CSLNX* NX#07836

DF3520000 1,4-BENZODIOXAN, 2-((N-2-CHLOROETHYL-N-METHYL)AMINO)METHYL-, HYDROCHLORIDE
UPDT:8306 MW: 278.20 MOLFM: C12-H16-Cl-N-O2 . Cl-H
SYN: 2-(N-METHYL-N-(2-CHLOROETHYL)AMINOMETHYL)-1,4-BENZODIOXAN HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#07378

BENZODIOXANE HYDROCHLORIDE see: TM4550000
1,4-BENZODIOXAN-2-ETHYLAMINE, N-(2-CHLOROETHYL)-N-METHYL-, HYDROCHLORIDE see: DF3519000

DF3703500 1,4-BENZODIOXAN-2-METHYLAMINE, N-(2-CHLOROETHYL)-N-ETHYL-, HYDROCHLORIDE
UPDT:8305 MW: 292.23 MOLFM: C13-H18-Cl-N-O2 . Cl-H
SYN: 1,4-BENZODIOXIN-2-METHANAMINE, N-(2-CHLOROETHYL)-N-ETHYL-2,3-DIHYDRO-, HYDROCHLORIDE (9CI) * 2-(N-(2-CHLOROETHYL)-N-ETHYLAMINOMETHYL)-1,4-BENZODIOXAN HYDROCHLORIDE * CHLORHYDRATE DE (N-ETHYL-N-beta-CHLORETHYLAMINO-METHYL)BENZODIOXANE (French) * N-(2-CHLOROETHYL)-N-ETHYL-1,4-BENZODIOXAN-2-METHYLAMINE HYDROCHLORIDE * 3718 RP

TOXICITY DATA AND REFERENCES:
* s.c. rat LDLo:40 mg/kg AIPTAK 95,285,53
* scu-mus LDLo:40 mg/kg AIPTAK 95,285,53
* ivn-mus LD50:56 mg/kg CSLNX* NX#07473
* ivn-dog LDLo:15 mg/kg AIPTAK 95,285,53
* scu-rbt LDLo:30 mg/kg AIPTAK 95,285,53
* ivn-rbt LDLo:15 mg/kg AIPTAK 95,285,53
* scu-frg LDLo:50 mg/kg AIPTAK 95,285,53

1,4-BENZODIOXAN, 2-(1-PIPERIDYLMETHYL)-, HYDROCHLORIDE see: TM4550000
2-((1,4-BENZODIOXAN-2-YLMETHYL)AMINO)-N,N-DIETHYLACETAMIDE see: AB4542470
2-((1,4-BENZODIOXAN-2-YLMETHYL)AMINO)ETHANOL HYDROCHLORIDE see: KJ7528250
1,4-BENZODIOXAN-5-YL METHYLCARBAMATE see: FB4570000
1-(BENZO-1,4-DIOXAN-2-YLMETHYL)-4-HYDROXY-4-(alpha-METHOXYCARBONYLBENZYL)PIPERIDINE HCL see: TM3541000
1-(1,4-BENZODIOXAN-2-YLMETHYL)PIPERIDINE HYDROCHLORIDE see: TM4550000

DF4375000 4H-(1,3,2)BENZODIOXAPHOSPHORINE, 2-METHOXY-, 2-SULFIDE
UPDT:8406 CAS: 3811-49-2 MW: 216.20 MOLFM: C8-H9-O3-P-S
SYN: 4,9 * 2-METHOXY-4H-1,2,3-BENZODIOXAPHOSPHORINE 2-SULFIDE * PHOSPHOROTHIOIC ACID CYCLIC O,O-(METHYLENE-o-PHENYLENE) O-METHYL ESTER * SALITHION * SALITHION-SUMITOMO

MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate MUREAV 116,185,83
mma-sat 500 ug/plate MUREAV 116,185,83

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:102 mg/kg PSTDAN 15,3,81
orl-mus LD50:91 mg/kg 30ZDA9 -,336,71
* scu-mus LD50:81600 ug/kg FMCHA2 -,C210,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF4500000 2,4,3-BENZODIOXASTANNEPIN-1,5-DIONE, 3,3-DIBUTYL-6,7,8,9-TETRACHLORO-
UPDT:7901 CAS: 23535-89-9 MW: 514.83 MOLFM: C16-H18-Cl4-O4-Sn
SYN: DIBUTYLTETRACHLOROPHTHALATOSTANNANE * DIBUTYLTIN TETRACHLOROPHTHALATE * STANNANE, DIBUTYLTETRACHLOROPHTHALATO-

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#02077

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3 STEL 200 ug(Sn)/m3 DTLVS* 4,398,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air-TWA 0.1 mg(Sn)/m3 NTIS**

DF4725000 1,3,2-BENZODIOXASTIBOLE, 2-HYDROXY-
UPDT:7901 CAS: 6295-12-1 MW: 246.86 MOLFM: C6-H5-O3-Sb

TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:63 mg/kg CBCCT* 4,227,52

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air-TWA 0.5 mg/m3 NTIS**

DF4726000 5H-1,4-BENZODIOXEPIN-5-ONE, 2,3-DIHYDRO-3-((DIETHYLAMINO)METHYL)-, HYDROCHLORIDE
UPDT:8405 MW: 285.80 MOLFM: C14-H19-N-O3 . Cl-H
SYN: 3-((DIETHYLAMINO)METHYL)-2,3-DIHYDRO-5H-1,4-BENZODIOXEPIN-5-ONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:10 mg/kg EJMCA5 10,607,75

DF4726100 5H-1,4-BENZODIOXEPIN-5-ONE, 2,3-DIHYDRO-3-(HYDROXYMETHYL)-
UPDT:8405 MW: 194.20 MOLFM: C10-H10-O4
SYN: 2,3-DIHYDRO-3-(HYDROXYMETHYL)-5H-1,4-BENZODIOXEPIN-5-ONE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5 gm/kg EJMCA5 10,607,75
* ipr-mus LD50:150 mg/kg EJMCA5 10,607,75

1,4-BENZODIOXIN-2-METHANAMINE, N-(2-CHLOROETHYL)-N-ETHYL-2,3-DIHYDRO-, HYDROCHLORIDE (9CI) see: DF3703500
1,3-BENZODIOXOL-5-YL-1-OXO-2,4-PENTADIENYL-PIPERINE see: TN2321500

DF4739000 1,3-BENZODIOXOLE-5-ACETALDEHYDE, beta-(2,4-BIS(PHENYLMETHOXY)BENZOYL)-
UPDT:8408 CAS: 40321-72-0 MW: 480.54 MOLFM: C30-H24-O6
SYN: beta-(2,4-BIS(PHENYLMETHOXY)BENZOYL)-1,3-BENZODIOXOLE-5-ACETALDEHYDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:400 mg/kg (4D pre) JEBA6 10,455,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3-BENZODIOXOLE-5-ACRYLAMIDE, N,N-DIMETHYL- see: GD7290000
1,3-BENZODIOXOLE-5-ACRYLAMIDE, N,N-DIMETHYLTHIO- see: GD7292000
1,3-BENZODIOXOLE-5-ACRYLAMIDE, N-METHYLTHIO- see: GD7413000
1,3-BENZODIOXOLE, 5-ALLYL- see: CY2800000

DF4911000 1,3-BENZODIOXOLE, 6-(BIS(2-(2-BUTOXYETHOXY)ETHOXY))METHYL-
UPDT:8309 CAS: 5281-13-0 MW: 456.64 MOLFM: C24-H40-O8
SYN: ENT 28344 * HELIOTROPIN ACETAL * PIPERONAL BIS(2-(2-BUTOXYETHOXY)ETHYL)ACETAL * PIPROTAL * TROPITAL

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4400 ug/kg GUCHAZ 6,419,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF4912000 1,3-BENZODIOXOLE, 5-(3-BROMO-1-PROPENYL)-
UPDT:8401 CAS: 42461-89-2 MW: 241.10 MOLFM: C10-H9-Br-O2
SYN: BENZENE, 1,2-(METHYLENEDIOXY)-4-(3-BROMO-1-PROPENYL) * 3-BROMOISOSAFROLE

TUMORIGENIC DATA AND REFERENCES:
3V03L60V10 scu-rat TDLo:359 mg/kg 10W-I CNREAB 33,590,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3-BENZODIOXOLE, 5-((2-(2-BUTOXYETHOXY)ETHOXY)METHYL)-6-PROPYL- see: XS8050000
1,3-BENZODIOXOLE-5-CARBOXALDEHYDE see: TO1575000
1,3-BENZODIOXOLE-5-CARBOXAMIDE, N,N-DIMETHYLTHIO- see: CV4705000
1,3-BENZODIOXOLE, 2,2-DIMETHYL-4-(N-METHYLAMINOCARBOXYLATO)- see: FC1140000
1,3-BENZODIOXOLE, 2,2-DIMETHYL-4-(N-METHYLCARBAMATO)- see: FC1140000

DF4914010 1,3-BENZODIOXOLE, 5-((6,7-EPOXY-3-ETHYL-7-METHYL-2-OCTENYL)OXY)-
UPDT:8408 MW: 304.42 MOLFM: C18-H24-O4
SYN: 5-((6,7-EPOXY-3-ETHYL-7-METHYL-2-OCTENYL)OXY)-1,3-BENZODIOXOLE * METHYLENEDIOXY-PHENYL-6,7-EPOXY-GERANIOL ETHER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T46T59 ipr-mus TDLo:1 gm/kg (11D preg) LIPSAR 15,1649,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3-BENZODIOXOLE-5-ETHANAMINE, alpha-METHYL-, (-)-, (9CI) see: SI0590000
1,3-BENZODIOXOLE-5-ETHANAMINE, alpha-METHYL-, (R)-, (9CI) see: SI0592000
1,3-BENZODIOXOLE-5-ETHANAMINE, alpha-METHYL-, (S)-, (9CI) see: SI0593000
1,3-BENZODIOXOLE, 5-(1-(2-(2-ETHOXYETHOXY)ETHOXY)ETHOXY)- see: AB2831000

DF4919500 1,3-BENZODIOXOLE-5-METHANOL, alpha-EPOXYETHYL-
UPDT:8408 CAS: 59901-91-6 MW: 194.20 MOLFM: C10-H10-O4
SYN: 1-HYDROXYSAFROLE 2',3'-OXIDE

MUTATION DATA AND REFERENCES:
mmo-sat 200 nmol/plate MUREAV 60,143,79
mma-sat 20 nmol/plate CRSBAW 171,1041,77

TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:1554 mg/kg 10W-I CNREAB 43,1124,83
2V02R60 skn-mus TDLo:700 mg/kg 6W-I CNREAB 37,1883,77
2V02J60 ipr-mus TDLO:47 mg/kg 12W-I CNREAB 43,1,24,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF4920000 1,3-BENZODIOXOLE-5-METHANOL, alpha-ETHENYL-
UPDT:8408 CAS: 52088-87-7 MW: 178.20 MOLFM: C10-H10-O3
SYN: 1,3-BENZODIOXOLE-5-(2-PROPEN-1-OL) * 1-HYDROXYSAFROLE * 1,2-METHYLENEDIOXY-4-(1-HYDROXYALLYL)BENZENE * PIPERONYL ALCOHOL, alpha-VINYL-

MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate MUREAV 60,143,79
mma-sat 1 umol/plate MUREAV 60,143,79
dns-hmn-fbr 10 mmol/L IJCNAW 16,284,75
dnd-rat-ipr 100 mg/kg CNREAB 36,1686,76
dnd-mus-ipr 100 mg/kg CNREAB 36,1686,76
oms-mus-ipr 400 umol/kg CNREAB 41,2664,81
dnd-ham-ipr 100 mg/kg CNREAB 36,1686,76

TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:77 gm/kg 73W-C CNREAB 37,1883,77
3V01L60V10 scu-rat TDLo:1426 mg/kg 10W-I CNREAB 43,1124,83
3V01L60L61 orl-mus TDLo:206 gm/kg 56W-C CNREAB 33,590,73
3V01L60L61 orl-mus TD:230 gm/kg 52W-C TFCCAR CNREAB 37,1883,77
3V01K60L60 orl-rat TD:79 gm/kg 34W-C CNREAB 33,590,73
2V03L60 orl-mus TD:117 gm/kg 1Y-C PAACA3 24,79,83
2V02L60 orl-mus TD:61 gm/kg 52W-C CNREAB 43,5163,83
2V02L60 orl-mus TD:117 gm/kg 52W-C CNREAB 43,5163,83
3V03L60V10 scu-rat TD:265 mg/kg 10W-I CNREAB 33,590,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF4921000 1,3-BENZODIOXOLE-5-METHANOL, alpha-ETHENYL-, ACETATE
UPDT:8408 CAS: 34627-78-6 MW: 220.24 MOLFM: C12-H12-O4
SYN: 1-ACETOXYSAFROLE * 5-(1-ACETYLOXY-2-PROPENYL)-1,3-BENZODIOXOLE

MUTATION DATA AND REFERENCES:
mma-sat 25 ug/plate JJINDB 62,893,79

mma-sat 50 ug/plate PNASA6 72,5135,75
dnr-esc 25 mg/L JJINDB 62,873,79
mrc-smc 1000 ppm JJINDB 62,901,79
dnd-hmn:fbr 500 umol/L CRNGDP 3,935,82
dnd-hmn:ath 500 umol/L CRNGDP 3,935,82
dns-hmn:ath 500 umol/L CRNGDP 3,929,82
dns-hmn:fbr 100 umol/L CRNGDP 3,929,82
dns-hmn:ath 300 umol/L CRNGDP 3,929,82
dnd-ham:lng 30 umol/L/2H BBRCA9 72,732,76

TUMORIGENIC DATA AND REFERENCES:
2V02K60 orl-rat TDLo:62 gm/kg 36W-C CNREA8 33,590,73
3V01L60V10 scu-rat TDLo:529 mg/kg/10W-I CNREA8 43,1124,83
2V02V10 scu-rat TD :393 mg/kg/12W-I CNREA8 37,1883,77
3V02L60V10 scu-rat TD :328 mg/kg/10W-I CNREA8 33,590,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3-BENZODIOXOLE-5-METHANOL, alpha-(OXIRANYL)-, ACETATE (ester) see: DO5465000
1,3-BENZODIOXOLE-5-(2-PROPEN-1-OL) see: DF4920000
1,3-BENZODIOXOLE, 5-(1-PROPENYL)- see: DA5950000
1,3-BENZODIOXOLE, 5-(1-PROPENYL)-, (E)- see: DA5951000
1,3-BENZODIOXOLE, 5-(1-PROPENYL)-, (Z)- see: DA5952000
(1,3)-BENZODIOXOLO(5,6-c)-1,3-DIOXOLO(4,5-i)PHENANTHRIDINIUM, 13-METHYL- (9CI) see: VP5200000

DF4935470 (1,3)BENZODIOXOLO(5,6-c)-1,3-DIOXOLO(4,5-i)PHENANTHRIDINIUM, 13-METHYL-, SULFATE (1:1), mixt. with 1,2-DIMETHOXY-12-METHYL(1,3)BENZODIOXOLO(5,6-c)PHENANTHRIDINIUM SULFATE (1:1)
UPDT:8402 CAS: 39404-28-9 MW: 874.89 MOLFM: C21-H18-N-O4 C20-H14-N-O4 H-O4-S H-O4-S
SYN: SANGUIRITRIN * SANGUIRITRINE * SANGUIRYTHRINE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg PCJOAU 16,925,82
* ipr-rat LD50:12 mg/kg PCJOAU 16,925,82
* orl-mus LD50:470 mg/kg PCJOAU 16,925,82
* ipr-mus LD50:14200 ug/kg PCJOAU 16,925,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF4935500 (1,3)-BENZODIOXOLO(5,6-c)PHENANTHRIDINIUM, 2,3-DIMETHOXY-12-METHYL-, CHLORIDE
UPDT:8401 CAS: 13063-04-2 MW: 311.79 MOLFM: C15-H18-N-O4 Cl
SYN: 2,3-DIMETHOXY-12-METHYL-(1,3)-BENZODIOXOLO(5,6-c)PHENANTHRIDINIUM CHLORIDE * NITIDINE CHLORIDE

MUTATION DATA AND REFERENCES:
mma-sat 40 ug/plate JPMSAE 66,1781,77

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DF4935600 (1,3)-BENZODIOXOLO(5,6-c)PHENANTHRIDINIUM, 2,3-DIMETHOXY-12-METHYL-, METHYLSULFATE
UPDT:8403 CAS: 41349-35-3
SYN: 2,3-DIMETHOXY-12-METHYL-(1,3)-BENZODIOXOLO(5,6-c)PHENANTHRIDINIUM METHYLSULFATE * NITIDINE METHOSULFATE * NITIDINE METHYL SULFATE

MUTATION DATA AND REFERENCES:
mma-sat 40 ug/plate JPMSAE 66,1781,77

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

(R-(E))-6-(2-(1,3-BENZODIOXOL-5-YL)ETHENYL)-5,6-DIHYDRO-4-METHOXY-2H-PYRAN-2-ONE see: UQ0517000
2-(2-(1,3-BENZODIOXOL-5-YL)ETHENYL)-5-NITRO-1H-IMIDAZOLE-1-ETHANOL see: NI5432500
2-(4-(1,3-BENZODIOXOL-5-YLMETHYL)-1-PIPERAZINYL)PYRIMIDINE see: UV9704000
3-(5-BENZODIOXOLYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)ACRYLOPHENONE see: FL7075000

DF4936790 2H-1,3,4-BENZODITHIAZIN-3-IUM, 7-ETHOXY-, CHLORIDE
UPDT:8408 MW: 247.77 MOLFM: C9-H10-N-O-S2 Cl
SYN: 7-ETHOXY-2H-1,3,4-BENZODITHIAZIN-3-IUM CHLORIDE * 5-ETHOXYPHENYL 1,2-THIAZOTHIONIUM CHLORIDE

TOXICITY DATA AND REFERENCES:
* skn-rat LD50:1750 mg/kg 85GMAT -,65,82

BENZODOL see: CH9495000
BENZOE-DIAETHYL (German) see: DG4713000
BENZOEPIN see: RB9275000
BENZOESAEURE (Na-SALZ) (German) see: DH6650000
BENZOESTROFOL see: KG4050000
7,8-BENZO-3-ETHYL-1,3-DIAZASPIRO(4.5)DECANE-2,4-DIONE see: WH1310800
BENZO FAST YELLOW A see: GD0197800
BENZOFLEX 9-88 see: UB8787500
BENZOFLEX 9-98 see: UB8787500
BENZOFLEX S-432 see: TY4960000
BENZOFLEX S-552 see: RZ2605000
BENZOFLEX 9-88 SG see: UB8787500
2,3-BENZOFLUORANTHENE see: CU1400000
3,4-BENZOFLUORANTHENE see: CU1400000
7,8-BENZOFLUORANTHENE see: DF6300000
10,11-BENZOFLUORANTHENE see: DF6300000
BENZO(b)FLUORANTHENE see: CU1400000
BENZO(e)FLUORANTHENE see: CU1400000

DF6140000 BENZO(ghi)FLUORANTHENE
UPDT:8404 CAS: 203-12-3 MW: 226.28 MOLFM: C18-H10
SYN: BENZO(mno)FLUORANTHENE * 2,13-BENZOFLUORANTHENE * 7,10-BENZOFLUORANTHENE

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,171,83

DF6300000 BENZO(j)FLUORANTHENE
UPDT:8411 CAS: 205-82-3 MW: 252.32 MOLFM: C20-H12
SYN: BENZ(j)FLUOROANTHENE * 10,11-BENZFLUORANTHENE * BENZO(j)FLUORANTHENE * 7,8-BENZOFLUORANTHENE * 10,11-BENZOFLUORANTHENE * BENZO 12,3-FLUORANTHENE * B(j)F * DIBENZO(a,k)FLUORENE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 40,4528,80
dnd-mus-skn 3760 nmol/kg PAACA3 25,121,84

TUMORIGENIC DATA AND REFERENCES:
3V01J60V10 imp-rat TDLo:25 mg/kg JJIND8 71,539,83
3V03R60V10 skn-mus TDLo:312 mg/kg/26W-I CANCAR 12,1194,59

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,82,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 32,155,83

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF6350000 BENZO(k)FLUORANTHENE
UPDT:8404 CAS: 207-08-9 MW: 252.32 MOLFM: C20-H12
SYN: 8,9-BENZOFLUORANTHENE * 11,12-BENZOFLUORANTHENE * 11,12-BENZO(k)FLUORANTHENE * 2,3,1,8-BINAPHTHYLENE * DIBENZO(b,k)FLUORENE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 40,4528,80

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:2820 mg/kg/47W-I CANCAR 12,1194,59
2V03V10 scu-mus TDLo:72 mg/kg/9W-I AICCA6 19,490,63

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 32,163,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,13-BENZOFLUORANTHENE see: DF6140000
7,10-BENZOFLUORANTHENE see: DF6140000
8,9-BENZOFLUORANTHENE see: DF6350000
11,12-BENZOFLUORANTHENE see: DF6350000
11,12-BENZO(k)FLUORANTHENE see: DF6350000
BENZO(l)FLUORANTHENE see: DF6300000
BENZO(mno)FLUORANTHENE see: DF6140000
BENZO-12,13-FLUORANTHENE see: DF6300000
2,3-BENZOFLUORANTHRENE see: CU1400000
BENZO(a)FLUORENE see: DF6382000

DF6382000 11H-BENZO(a)FLUORENE
UPDT:8404 CAS: 238-84-6 MW: 216.29 MOLFM: C17-H12
SYN: BENZO(a)FLUORENE * 1,2-BENZOFLUORENE * CHRYSOFLUORENE * alpha-NAPHTHOFLUORENE

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,177,83

DF6383500 11H-BENZO(b)FLUORENE
UPDT:8404 CAS: 243-17-4 MW: 216.29 MOLFM: C17-H12
SYN: 2,3-BENZOFLUORENE

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,183,83

BENZO(j)FLUORENE see: LL4025000
1,2-BENZOFLUORENE see: DF6382000
2,3-BENZOFLUORENE see: DF6383500
3,4-BENZOFLUORENE see: DK6384000
BENZOFOLINE see: KG4050000
BENZOFORM BLACK BCN-CF see: QJ6160000
BENZOFUME see: CN1400000

DF6423800 BENZOFURAN
UPDT:8412 CAS: 271-89-6 MW: 118.14 MOLFM: C8-H6-O
SYN: BENZO(b)FURAN * 2,3-BENZOFURAN * BENZOFURFURAN * COUMARONE * NCI-C56166 * 1-OXINDENE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg EJMCA5 12,383,77

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

BENZO(b)FURAN see: DF6423800
2,3-BENZOFURAN see: DF6423800

DF6428000 BENZOFURAN, 3-ACETYL-5-(HYDROPEROXYACETYL)-
UPDT:8305 MW: 234.22 MOLFM: C12-H10-O5
SYN: 3-ACETYL-5-(HYDROPEROXYACETYL)BENZOFURAN

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:800 mg/kg PCJOAU 16,191,82

5-BENZOFURANACRYLIC ACID, 6-HYDROXY-2-ISOPROPYL-3-METHOXY-, delta-LACTONE see: LV1575000
5-BENZOFURANACRYLIC ACID, 6-HYDROXY-7-METHOXY-, delta-LACTONE see: LV1400000

DF6465050 BENZOFURAN, 3-BENZOYL-5-(HYDROPEROXYACETYL)-
UPDT:8305 MW: 296.29 MOLFM: C17-H12-O5
SYN: 3-BENZOYL-5-(HYDROPEROXYACETYL)BENZOFURAN

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg PCJOAU 16,191,82

DF6470600 2-BENZOFURANCARBONITRILE
UPDT:8312 CAS: 4171?-32-2 MW: 143.15 MOLFM: C9-H5-N-O
SYN: COUMARILONITRILE * 2-CYANOBENZOFURAN

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:350 mg/kg EJMCA5 12,383,77

DF6472000 2-BENZOFURANCARBOXALDEHYDE, 5-METHOXY-
UPDT:8312 CAS: 23145-19-9 MW: 176.18 MOLFM: C10-H8-O3
SYN: 5-METHOXY-2-BENZOFURANCARBOXALDEHYDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg EJMCA5 12,383,77

DF6472500 2-BENZOFURANCARBOXALDEHYDE, 6-METHOXY-
UPDT:8312 CAS: 53660-74-5 MW: 176.18 MOLFM: C10-H8-O3
SYN: 6-METHOXY-2-BENZOFURANCARBOXALDEHYDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 12,383,77

DF6474000 2-BENZOFURANCARBOXAMIDE, N-(p-METHOXYPHENYL)-3-METHYL-
UPDT:8408 CAS: 34319-22-7 MW: 281.33 MOLFM: C17-H15-N-O3
SYN: N-p-ANISYL 3-METHYLBENZOFURAN 2-CARBOXAMIDE * N-(4-METHOXYPHENYL) 3-METHYL 2 BENZOFURANCARBOXAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES
1T13 scu-rat TDLo:60 mg/kg (3D pre) IJMRAQ 59,1283,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF6490500 3-BENZOFURANCARBOXYLIC ACID, 2,4-BIS((DIMETHYLAMINO)METHYL)-5-HYDROXY-, ETHYL ESTER, DIHYDROCHLORIDE, MONOHYDRATE
UPDT:8312 MW: 411.37 MOLFM: C17-H24-N2-O4 2Cl-H H2-O
SYN: 2,4-BIS(Dimethylaminomethyl)-3-ETHOXYCARBONYL-5-HYDROXYBENZOFURAN DIHYDROCHLORIDE HYDRATE

TOXICITY DATA AND REFERENCES:
3F07F11F12 ipr-mus LD50:151 mg/kg PCJOAU 16,890,82

DF6492030 3-BENZOFURANCARBOXYLIC ACID, 6-BROMO-5-(HYDROPEROXYACETYL)-2-((PHENYLTHIO)METHYL)-, ETHYL ESTER
UPDT:8308 MW: 465.34 MOLFM: C20-H17-Br-O6-S
SYN: 6-BROMO-5-(HYDROPEROXYACETYL)-2-((PHENYLTHIO)METHYL)-3-BENZOFURANCARBOXYLIC ACID ETHYL ESTER * 5-(2-PHENYLTHIOMETHYL 3-CARBETHO),(-6-BROMOBENZOFURYL)OXYACETIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:600 mg/kg PCJOAU 16,191,82

DF6492185 3-BENZOFURANCARBOXYLIC ACID, 6,7-DICHLORO-4-((DIMETHYLAMINO)METHYL)-1-((N-METHYLANILINO)METHYL)-, ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8312 MW: 524.30 MOLFM: C22-H24-Cl2-N2-O4 2Cl-H

TOXICITY DATA AND REFERENCES:
3F07F11F12 ipr-mus LD50:425 mg/kg PCJOAU 16,890,82

DF6492230 3-BENZOFURANCARBOXYLIC ACID, 4-((DIMETHYLAMINO)METHYL)-5-HYDROXY-2-((N-METHYLANILINO)METHYL)-, ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8312 MW: 455.42 MOLFM: C22-H26-N2-O4 2Cl-H

TOXICITY DATA AND REFERENCES:
3F07F11F12 ipr-mus LD50:50 mg/kg PCJOAU 16,890,82

DF6494500 2-BENZOFURANCARBOXYLIC ACID, 4-(HYDROPEROXYACETYL)-3-METHYL-
UPDT:8307 MW: 278.28 MOLFM: C14-H14-O6
SYN: 4-(2-CARBETHOXY-3-METHYLBENZOFURYLOXYACETIC ACID * 4-(HYDROPEROXYACETYL)-3-METHYL-2-BENZOFURANCARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD50:850 mg/kg PCJOAU 16,191,82

BEST COPY AVAILABLE

DF6494600 3-BENZOFURANCARBOXYLIC ACID, 5-(HYDROPEROXYACETYL)-2-METHYL-
UPDT:8307 MW: 250.22 MOLFM: C12 H10 O6
SYN: 5-(HYDROPEROXYACETYL)-2-METHYL-3-BENZOFURANCARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD50:1500 mg/kg RPTOAN 45,86,82

DF6494700 2-BENZOFURANCARBOXYLIC ACID, 4-(HYDROPEROXYACETYL)-3-METHYL-, ETHYL ESTER
UPDT:8306 MW: 278.28 MOLFM: C14 H14 O6
SYN: 5-[2-CARBETHOXY-3-METHYL(BENZOFURYL)]OXYACETIC ACID * 4-(HYDROPEROXYACETYL)-3-METHYL-2-BENZOFURANCARBOXYLIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD50:850 mg/kg RPTOAN 45,96,82

DF6495200 2-BENZOFURANCARBOXYLIC ACID, 7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-, ETHYL ESTER
UPDT:8408 CAS: 39543-88-9 MW: 321.41 MOLFM: C17 H23 N O5
SYN: 2-CARBETHOXY-7-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)BENZOFURAN * 7-(2-HYDROXY-3-ISOPROPYLAMINO)PROPOXY-2-BENZOFURANCARBOXYLIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg GWXXBX #2223184

DF6495500 3-BENZOFURANCARBOXYLIC ACID, 5-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-2-PHENYL-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8405 CAS: 76410-43-0 MW: 433.97 MOLFM: C23 H27 N O5 Cl H
SYN: 5-[2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY]-2-PHENYL-3-BENZOFURANCARBOXYLIC ACID ETHYL ESTER HCl
TOXICITY DATA AND REFERENCES:
1E03 ivn-mus LD50:36 mg/kg PCJOAU 14,794,80

DF6525000 BENZOFURAN, 5-CHLORO-3-METHYL-2-NITRO-
UPDT:8303 MW: 211.61 MOLFM: C9 H6 Cl N O3
SYN: 5-CHLORO-3-METHYL-2-NITROBENZOFURAN * 2-NITRO-3-METHYL-5-CHLOROBENZOFURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,355,81
mmo-sat 1 nmol/plate MUREAV 88,355,81
pic-sat 1 nmol/plate MUREAV 104,1,82

BENZOFURAN, 3-(3,5-DIBROMO-4-HYDROXYBENZOYL)-2-ETHYL- see: OB1804200

DF6652050 BENZOFURAN, 3-(2-(DIETHYLPYRROLIDINO)ETHOXY)-6-METHOXY-2-PHENYL-, HYDROCHLORIDE
UPDT:8408 MW: 414.03 MOLFM: C25 H31 N O3 Cl H
SYN: DBF * 3-[2-(DIETHYLPYRROLIDINO)ETHOXY]-6-METHOXY-2-PHENYLBENZOFURAN HYDROCHLORIDE * 2-PHENYL-3-DIETHYLPYRROLIDINOETHOXY-6-METHOXYBENZOFURAN HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T26 orl-rat TDLo:20 mg/kg (8D preg) IJEBA6 5,80,67
1T24 orl-rat TDLo:5 mg/kg (1-5D preg) IJEBA6 5,80,67
2124T25 ivg-rat TDLo:20 mg/kg (1D preg) IJEBA6 12,370,74
1T24 orl-mus TDLo:20 mg/kg (2D preg) IJEBA6 5,80,67
1T24 orl-rbt TDLo:20 mg/kg (2D preg) IJEBA6 5,80,67
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:388 mg/kg IJEBA6 5,80,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOFURAN, 3-(3,5-DIIODO-4-HYDROXYBENZOYL)-2-ETHYL- see: OB1835000

DF6844670 BENZOFURAN, 5-(HYDROPEROXYACETYL)-3-(p-TOLUOYL)-
UPDT:8305 MW: 310.32 MOLFM: C18 H14 O5
SYN: 5-(HYDROPEROXYACETYL)-3-(p-TOLUOYL)BENZOFURAN
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD50:600 mg/kg PCJOAU 16,191,82

DF6844800 5-BENZOFURANMETHANOL, 6-(2-(BIS(1-METHYLETHYL)AMINO)ETHOXY)-4,7-DIMETHOXY-alpha-(2-(4-METHOXYPHENYL)ETHYL)-
UPDT:8311 CAS: 40680-79-3 MW: 485.68 MOLFM: C28 H39 N O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:148 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:13500 ug/kg EJMCA5 9,85,74

DF6844830 5-BENZOFURANMETHANOL, alpha-(2-(4-BUTOXYPHENYL)ETHYL)-4,7-DIMETHOXY-6-(2-(DIMETHYLAMINO) ETHOXY)-, OXALATE (1:1) (salt)
UPDT:8311 CAS: 40680-91-9 MW: 561.69 MOLFM: C27 H37 N O6 C2 H2 O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:550 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:37 mg/kg EJMCA5 9,85,74

DF6844890 5-BENZOFURANMETHANOL, alpha-(2-(4-CHLOROPHENYL)ETHYL)-4,7-DIMETHOXY-6-(2-(DIMETHYLAMINO) ETHOXY)-
UPDT:8311 CAS: 40680-82-8 MW: 433.97 MOLFM: C23 H28 Cl N O5
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:260 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:50 mg/kg EJMCA5 9,85,74

DF6844910 2-BENZOFURANMETHANOL, alpha-(p-CHLOROPHENYL)-, HEMISULFATE
UPDT:8405 MW: 307.75 MOLFM: C15 H11 Cl O2 . 1/2 H2 O4 S
SYN: alpha-(p-CHLOROPHENYL)-2-BENZOFURANMETHANOL HEMISULFATE * CLOBENFUROL HEMISUCCINATE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:300 mg/kg MEIEDD 10,335,83
* ipr-mus LD50:321 mg/kg MEIEDD 10,335,83

DF6844920 5-BENZOFURANMETHANOL, alpha-(2-(3,4-DICHLOROPHENYL)ETHYL)-4,7-DIMETHOXY-6-(2-(DIMETHYLAMINO) ETHOXY)-, MALEATE (1:1) (salt)
UPDT:8311 CAS: 40680-83-7 MW: 584.49 MOLFM: C23 H27 Cl2 N O5 C4 H4 O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:210 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:42 mg/kg EJMCA5 9,85,74

DF6844930 5-BENZOFURANMETHANOL, 6-(2-(DIETHYLAMINO)ETHOXY)-4,7-DIMETHOXY-alpha-(2-(4-METHOXYPHENYL) ETHYL)-
UPDT:8311 CAS: 40680-78-2 MW: 457.62 MOLFM: C26 H35 N O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:190 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:28 mg/kg EJMCA5 9,85,74

DF6844940 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(DIMETHYLAMINO)ETHOXY)-alpha-(2-(4-FLUOROPHENYL) ETHYL)-, OXALATE (1:1) (salt)
UPDT:8311 CAS: 40680-84-0 MW: 507.56 MOLFM: C25 H28 F N O5 C2 H2 O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:155 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:21 mg/kg EJMCA5 9,85,74

DF6844950 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(DIMETHYLAMINO)ETHOXY)-alpha-(2-(2-HYDROXYPHENYL) ETHYL)-
UPDT:8311 CAS: 40680-96-4 MW: 415.53 MOLFM: C23 H29 N O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:560 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:12 mg/kg EJMCA5 9,85,74

DF6844960 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(DIMETHYLAMINO)ETHOXY)-alpha-(2-(3-HYDROXYPHENYL) ETHYL)-
UPDT:8311 CAS: 40680-97-5 MW: 415.53 MOLFM: C23 H29 N O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:22 mg/kg EJMCA5 9,85,74

DF6844970 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(DIMETHYLAMINO)ETHOXY)-alpha-(2-(4-HYDROXYPHENYL) ETHYL)-
UPDT:8311 CAS: 40680-85-1 MW: 415.53 MOLFM: C23 H29 N O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:650 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:28 mg/kg EJMCA5 9,85,74

DF6844980 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(DIMETHYLAMINO)ETHOXY)-alpha-(2-(3-METHOXYPHENYL)ETHYL)-
UPDT:8311 CAS: 40680-93-1 MW: 429.56 MOLFM: C24 H31 N O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:24 mg/kg EJMCA5 9,85,74

DF6844990 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(DIMETHYLAMINO)ETHOXY)-alpha-(2-(2-METHOXYPHENYL)ETHYL)-, OXALATE (1:1) (salt)
UPDT:8311 CAS: 40680-92-0 MW: 519.60 MOLFM: C26 H33 N O6 C2 H2 O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:75 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:12 mg/kg EJMCA5 9,85,74

DF6845010 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(DIMETHYLAMINO)ETHOXY)-alpha-(2-(4-METHOXYPHENYL)ETHYL)-, OXALATE (1:1) (salt)
UPDT:8311 CAS: 40680-77-7 MW: 519.60 MOLFM: C26 H33 N O6 C2 H2 O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:162 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:33500 ug/kg EJMCA5 9,85,74

DF6845020 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(DIMETHYLAMINO)ETHOXY)-alpha-(2-PHENYLETHYL)-, OXALATE (1:1) (salt)
UPDT:8311 CAS: 40680-72-6 MW: 489.57 MOLFM: C27 H35 N O5 C2 H2 O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:120 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:18 mg/kg EJMCA5 9,85,74

DF6845030 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(DIMETHYLAMINO)ETHOXY)-alpha-(2-(4-PROPOXYPHENYL)ETHYL)-, OXALATE (1:1) (salt)
UPDT:8311 CAS: 40680-90-8 MW: 547.66 MOLFM: C28 H37 N O6 C2 H2 O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:550 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:37 mg/kg EJMCA5 9,85,74

DF6845040 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(HEXAHYDRO-1H-AZEPIN-1-YL)ETHOXY)-alpha-(2-(2-HYDROXYPHENYL)ETHYL)-
UPDT:8311 CAS: 40681-06-9 MW: 469.63 MOLFM: C27 H35 N O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:280 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:6500 ug/kg EJMCA5 9,85,74

DF6845050 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(HEXAHYDRO-1H-AZEPIN-1-YL)ETHOXY)-alpha-(2-(3-HYDROXYPHENYL)ETHYL)-
UPDT:8311 CAS: 40681-07-0 MW: 469.63 MOLFM: C27 H35 N O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:160 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:7500 ug/kg EJMCA5 9,85,74

DF6845060 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(HEXAHYDRO-1H-AZEPIN-1-YL)ETHOXY)-alpha-(2-(4-HYDROXYPHENYL)ETHYL)-
UPDT:8311 CAS: 40681-08-1 MW: 469.63 MOLFM: C27 H35 N O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1800 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:11 mg/kg EJMCA5 9,85,74

DF6845070 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-(2-HYDROXYPHENYL)ETHYL)-6-(2-(4-MORPHOLINYL)ETHOXY)-
UPDT:8311 CAS: 40681-01-4 MW: 457.57 MOLFM: C25 H31 N O7
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:16 mg/kg EJMCA5 9,85,74

DF6845080 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-(3-HYDROXYPHENYL)ETHYL)-6-(2-(4-MORPHOLINYL)ETHOXY)-
UPDT:8311 CAS: 40681-02-5 MW: 457.57 MOLFM: C25 H31 N O7
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:64 mg/kg EJMCA5 9,85,74

DF6845090 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-(4-HYDROXYPHENYL)ETHYL)-6-(2-(4-MORPHOLINYL)ETHOXY)-
UPDT:8311 CAS: 40681-03-6 MW: 457.57 MOLFM: C25 H31 N O7
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:90 mg/kg EJMCA5 9,85,74

DF6845100 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-(2-HYDROXYPHENYL)ETHYL)-6-(2-(1-PIPERIDINYL)ETHOXY)-
UPDT:8311 CAS: 40681-04-7 MW: 455.60 MOLFM: C26 H33 N O5
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:350 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:7500 ug/kg EJMCA5 9,85,74

DF6845110 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-(3-HYDROXYPHENYL)ETHYL)-6-(2-(1-PIPERIDINYL)ETHOXY)-
UPDT:8311 CAS: 40681-05-8 MW: 455.60 MOLFM: C26 H33 N O5
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:550 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:8 mg/kg EJMCA5 9,85,74

DF6845120 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-(4-HYDROXYPHENYL)ETHYL)-6-(2-(1-PIPERIDINYL)ETHOXY)-
UPDT:8311 CAS: 40680-87-3 MW: 455.60 MOLFM: C26 H33 N O5
SYN: PIPROFUROL
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:830 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:9900 ug/kg EJMCA5 9,85,74

DF6845130 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-(2-HYDROXYPHENYL)ETHYL)-6-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8311 CAS: 40680-98-6 MW: 441.57 MOLFM: C25 H31 N O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:475 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:9500 ug/kg EJMCA5 9,85,74

DF6845140 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-(3-HYDROXYPHENYL)ETHYL)-6-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8311 CAS: 40680-99-7 MW: 441.57 MOLFM: C25 H31 N O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:130 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:8 mg/kg EJMCA5 9,85,74

DF6845150 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-(4-HYDROXYPHENYL)ETHYL)-6-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8311 CAS: 40681-00-3 MW: 441.57 MOLFM: C25 H31 N O6

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:14500 ug/kg EJMCA5 9,85,74

DF6845170 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-(4-METHOXYPHENYL)ETHYL)-6- (2-(1-PIPERIDINYL)ETHOXY)-
UPDT:8311 CAS: 40680-70-4 MW: 469.63 MOLFM: C27-H35-N-O6
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg EJMCA5 9,85,74

DF6845180 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-(4-METHOXYPHENYL)ETHYL)-6- (2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8311 CAS: 40680-80-6 MW: 455.60 MOLFM: C26-H33-N-O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:195 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:25 mg/kg EJMCA5 9,85,74

DF6845200 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-6-(2-(4-MOKPHOLINYL)ETHOXY)-alpha-(2-PHENYLETHYL)-, OXALATE (1:1) (salt)
UPDT:8311 CAS: 40680-76-0 MW: 531.61 MOLFM: C25-H31-N-O6 . C2-H2-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:275 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:57 mg/kg EJMCA5 9,85,74

DF6845220 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-PHENYLETHYL)-6-(2-(1-PIPERIDINYL)ETHOXY)-, OXALATE (1:1) (salt)
UPDT:8311 CAS: 40680-75-9 MW: 529.64 MOLFM: C26-H33-N-O5 . C2-H2-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:350 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:10 mg/kg EJMCA5 9,85,74

DF6845230 5-BENZOFURANMETHANOL, 4,7-DIMETHOXY-alpha-(2-PHENYLETHYL)-6-(2-(1-PYRROLIDINYL)ETHOXY)-, OXALATE (1:1) (salt)
UPDT:8311 CAS: 40680-74-8 MW: 515.61 MOLFM: C25-H31-N-O5 . C2-H2-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:130 mg/kg EJMCA5 9,85,74
* ivn-mus LD50:9 mg/kg EJMCA5 9,85,74

DF6845500 BENZOFURAN, 5-METHOXY-
UPDT:8405 CAS: 13391-28-1 MW: 148.17 MOLFM: C9-H8-O2
SYN: 5-METHOXYBENZOFURAN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg EJMCA5 11,81,76

DF6845900 BENZOFURAN, 5-METHOXY-2-METHYL-3-(1-METHYL-2-MORPHOLINOETHYL)-, HYDROCHLORIDE
UPDT:8311 CAS: 73698-65-4 MW: 327.84 MOLFM: C16-H21-N-O4 . Cl-H
SYN: 5-METHOXY-2-METHYL-3-(1-METHYL-2-MORPHOLINOETHYL)BENZOFURAN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:75 mg/kg RPTOAN 33,136,70

DF6850000 BENZOFURAN, 5-METHOXY-2-NITRO-
UPDT:8408 MW: 193.17 MOLFM: C9-H7-N-O4
SYN: 5-METHOXY-2-NITROBENZOFURAN * 2-NITRO-5-METHOXYBENZOFURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,355,81
mma-sat 1 nmol/plate MUREAV 88,355,81
pic-sat 100 pmol/plate MUREAV 104,1,82
otr-mus:emb 200 ug/L CNREA8 44,1969,84
mnt-ham:lng 500 ug/L CNREA8 44,1969,84
otr-ham-emb 10 ug/L CNREA8 44,1969,84
sce-ham-lng 500 ug/L CNREA8 44,1969,84
msc-ham:lng 400 ug/L CNREA8 44,1969,84

DF6950000 BENZOFURAN, 2-NITRO-
UPDT:8303 CAS: 33094-66-5 MW: 163.14 MOLFM: C8-H5-N-O3
SYN: 2-NITROBENZOFURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,355,81
mma-sat 1 nmol/plate MUREAV 88,355,81
pic-sat 1 nmol/plate MUREAV 104,1,82

5-BENZOFURANOL, 2,3-DIHYDRO-3,3-DIMETHYL-2-ETHOXY-, METHANESULFONATE (ester) see: RB1950000

DF7875000 2(3H)-BENZOFURANONE, 3-(beta-DIETHYLAMINOETHYL)-3-PHENYL-
UPDT:8403 CAS: 76-65-3 MW: 309.44 MOLFM: C20-H23-N-O2
SYN: AMETHONE * AMOCAINE * AMOLANONE * AP 43 * BUTYRIC ACID, 4-(DIETHYLAMINO)-2-(o-HYDROXYPHENYL)-2-PHENYL-, gamma-LACTONE * 3-(beta-DIETHYLAMINOETHYL)-3-PHENYL-2-BENZOFURANONE * 3-(beta-DIETHYLAMINOETHYL)-3-PHENYL-2-(3H)-BENZOFURANONE * 3-(2-(DIETHYLAMINO)ETHYL)-3-PHENYL-2(3H)-BENZOFURANONE * gamma-DIETHYLAMINO-alpha-(o-HYDROXYPHENYL)-alpha-PHENYLBUTYRIC ACID LACTONE * 3-(2-(DIETHYLAMINO)-2-OXO-3-PHENYL-2,3-DIHYDROBENZOFURAN
TOXICITY DATA AND REFERENCES:
3E15F08K30 ims-hmn TDLo:1400 ug/kg JOURAA 54,75,45
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF7890000 2(3H)-BENZOFURANONE, 3-(2-(DIETHYLAMINO)ETHYL)-3-PHENYL-, HYDROCHLORIDE
UPDT:8412 CAS: 6009-67-2 MW: 345.90 MOLFM: C20-H23-N-O2 . Cl-H
SYN: AP 43 * 3-(beta-DIETHYLAMINOETHYL)-3-PHENYL-2-BENZOFURANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:600 mg/kg JPETAB 84,387,45
orl-mus LD50:660 mg/kg JPETAB 84,387,45
ipr-mus LD50:205 mg/kg JPETAB 84,387,45
scu-mus LD50:395 mg/kg JPETAB 84,387,45
scu-rbt LD50:250 mg/kg JPETAB 84,387,45
ivn-rbt LD50:23 mg/kg JPETAB 84,387,45

2(3H)-BENZOFURANONE, 3-(3-HYDROXY-5-OXO-4-PHENYL-2(5H)-FURANYLIDENE)- (9CI) see: DF7954000

DF7954000 2(3H)-BENZOFURANONE, 3-(3-HYDROXY-5-OXO-4-PHENYL-2(5H)-FURYLIDENE)-
UPDT:8308 CAS: 10091-92-6 MW: 306.28 MOLFM: C18-H10-O5
SYN: 2(3H)-BENZOFURANONE, 3-(3-HYDROXY-5-OXO-4-PHENYL-2(5H)-FURANYLIDENE)- (9CI) * CALYCIN * CALYCINE * 3-(3-HYDROXY-5-OXO-4-PHENYL-2(5H)-FURYLIDENE)-2(3H)-BENZOFURANONE * OXYPULVIC ACID LACTONE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg BSGDA2 9,53,82

DF7985000 2-BENZOFURANPROPANOIC ACID, alpha,alpha-DIMETHYL-beta-ETHYL-
UPDT:8408 CAS: 72236-76-1 MW: 246.33 MOLFM: C15-H18-O3
SYN: 3-(2-BENZOFURANYL)-2,2-DIMETHYL-3-ETHYLPROPIONIC ACID * alpha,alpha-DIMETHYL-beta-ETHYL-2-BENZOFURANPROPANOIC ACID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:3500 ug/kg (1-7D preg) IJEBA6 17,678,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-(2-BENZOFURANYL)-2,2-DIMETHYL-3-ETHYLPROPIONIC ACID see: DF7985000
2-BENZOFURANPROPANOICACID, alpha,alpha-DIMETHYL-beta-ETHYL-
5-(2-BENZOFURANYL)-3-METHOXY-as-TRIAZINE see: XY3305000
BENZO(b)FURAN-2-YL METHYL KETONE see: OB1203000
2-BENZOFURANYL METHYL KETONE see: OB1203000
5-(2-BENZOFURANYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY3306000
15-(2-BENZOFURANYL)-16,17,18,19,20-PENTANOR-PGF2-alpha METHYL ESTER see: MJ9651000
15-(2-BENZOFURANYL)-16,17,18,19,20-PENTANORPROSTAGLANDIN F2-alpha METHYL ESTER see: MJ9651000
BENZOFURAZAN, 4-(N,N-BIS(2-HYDROXYETHYL)AMINO)-7-NITRO-, 1-OXIDE see: RL9377000

DF8002400 BENZOFURAZAN, 4-CHLORO-7-NITRO-
UPDT:8306 CAS: 10199-99-0 MW: 199.56 MOLFM: C6-H2-Cl-N3-O3
SYN: 4-CHLORO-7-NITROBENZO-2-OXA-1,3-DIAZOLE * NBD-Cl * NBD-CHLORIDE * 4-NITRO-7-CHLOROBENZOFURAZAN
MUTATION DATA AND REFERENCES:
mmo-sat 2 ug/plate MUREAV 88,351,81
mma-sat 20 ug/plate MUREAV 88,351,81
dni-mus:leu 4 umol/L CNREA8 35,3735,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0281-0383-5

BENZOFUR D see: SS8050000
BENZOFURFURAN see: DF6423800
BENZOFUR GG see: SJ4950000
BENZOFUR MT see: XS9625000

DF8075000 BENZOFURO(4,3,2-efg)(2)BENZAZOCIN-6-OL, 1,2,3,4,6,7,7a,11c-OCTAHYDRO-9-METHOXY-2-METHYL-, HYDROBROMIDE
UPDT:8403 CAS: 69353-21-5 MW: 368.31 MOLFM: C17-H21-N-O2 . Br-H
SYN: GALANTHAMINE HYDROBROMIDE * HILBON HYDROBROMIDE * LYCORENINE HYDROBROMIDE * NIVALIN * 1,2,3,4,6,7,7a,11c-OCTAHYDRO-9-METHOXY-2-METHYL-BENZOFURO(4,3,2-efg)(2)BENZAZOCIN-6-OL HBr
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:18700 ug/kg MEIEDD 10,620,83
* ivn-mus LD50:8 mg/kg MEIEDD 10,620,83

DF8079000 BENZO(3,4)FURO(3',4',6,7)CYCLOOCTA(1,2-f)(1,3)BENZODIOXOLE-3,14-DIONE, 1,3a,4,14a-TETRAHYDRO- 6,7,8-TRIMETHOXY-, stereoisomer
UPDT:8311 CAS: 41451-70-1 MW: 412.40 MOLFM: C22-H20-O8
SYN: STEGANONE
MUTATION DATA AND REFERENCES:
am-:nml:oth 3 umol/L CNREA8 37,3071,77
oms-nml:oth 3 umol/L CNREA8 37,3071,77

DF8079500 BENZO(3,4)FURO(3',4',6,7)CYCLOOCTA(1,2-f)(1,3)BENZODIOXOL-3(1H)-ONE, 3a,4,14,14a-TETRAHYDRO- 14-(ACETYLOXY)-6,7,8-TRIMETHOXY-, stereoisomer
UPDT:8311 CAS: 41451-68-7 MW: 456.48 MOLFM: C24-H24-O9
SYN: STEGANACIN
MUTATION DATA AND REFERENCES:
oms-nml:oth 300 nmol/L CNREA8 37,3071,77
oms-nml:oth 300 nmol/L CNREA8 37,3071,77

DF8079800 BENZO(3',4')FURO(3',4',6,7)CYCLOOCTA(1,2-f)(1,3)BENZODIOXOL-3(1H)-ONE, 3a,4,14,14a TETRAHYDRO- 14-HYDROXY-6,7,8-TRIMETHOXY-, stereoisomer
UPDT:8311 CAS: 41451-71-2 MW: 414.44 MOLFM: C22-H22-O8
SYN: STEGANOL
MUTATION DATA AND REFERENCES:
oms-nml:oth 4 umol/L CNREA8 37,3071,77
oms-nml:oth 4 umol/L CNREA8 37,3071,77

BENZOFURODIL see: WM9700000
BENZOFUROLINE see: GZ1310000

DF8195000 13H-BENZO(a)FURO(2,3,4-mn)XANTHEN-11-OL, 1,2,3,4,4a,5,6,6a,11b,13b-DECAHYDRO-4,4a,6a,9- TETRAMETHYL-
UPDT:8403 CAS: 69353-22-6 MW: 342.52 MOLFM: C22-H30-O3
SYN: 1,2,3,4,4a,5,6,6a,11b,13b-DECAHYDRO-4,4a,6a,9-TETRAMETHYL-13H-BENZO(a)FURO(2,3,4-mn)XANTHENOL * SICCANIN * TACELE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1720 mg/kg MEIEDD 10,1219,83

BENZOFUR P see: SJ5075000
p-(5-BENZOFURYLAZO)-N,N-DIMETHYLANILINE see: BW7500000
p-(7-BENZOFURYLAZO)-N,N-DIMETHYLANILINE see: BW7570000
BENZOGLYOXALINE see: DD5425000
BENZOGUANAMINE see: DK1575000
BENZO-GYNOESTRYL see: KG4050000

DF9300000 BENZO(a)HEPTALENE-7-CARBAMIC ACID, 5,6,7,9-TETRAHYDRO-9-OXO-1,2,3,10-TETRAMETHOXY-, ETHYL ESTER, (S)-
UPDT:8406 CAS: 86436-42-2 MW: 430.52 MOLFM: C23-H28-N-O7
SYN: N-CARBETHOXYDEACETYLCOLCHICINE
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:49 mg/kg JMCMAR 26,1365,83

BENZO(a)HEPTALEN-9(5H)-ONE, 7-ACETAMIDO-6,7-DIHYDRO-10-HYDROXY-1,2,3-TRIMETHOXY- see: GH0520000
BENZO(a)HEPTALEN-10(5H)-ONE, 7-ACETAMIDO-6,7-DIHYDRO-9-HYDROXY-1,2,3-TRIMETHOXY- see: GH0520000
BENZO(a)HEPTALEN-9(5H)-ONE, 7-ACETAMIDO-6,7-DIHYDRO-1,2,3,10-TETRAMETHOXY- see: GH0700000
BENZO(a)HEPTALE*-9(5H)-ONE, 7-AMINO-6,7-DIHYDRO-10-HYDROXY-1,2,3-TRIMETHOXY-, (S)-(9CI) see: GH0760000
BENZO(a)HEPTALEN-9(5H)-ONE, 7-AMINO-6,7-DIHYDRO-1,2,3,10-TETRAMETHOXY-, (S)- (9CI) see: GH0785000

DF9484000 BENZO(a)HEPTALEN-9(5H)-ONE, 7-(alpha-L-ARABINOSYLAMINO)-6,7-DIHYDRO-1,2,3-TRIMETHOXY-10- (METHYLTHIO)-, (S)-
UPDT:8408 CAS: 76155-18-5 MW: 505.63 MOLFM: C25-H31-N-O8-S
SYN: COLCHICINE, N-(alpha-L-ARABINOPYRANOSYL)-N-DEACETYL-10-DEMETHOXY-10-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:53 mg/kg JMCMAR 24,636,81

BENZO(a)HEPTALEN-9(5H)-ONE, 6,7-DIHYDRO-1,2,3,10-TETRAMETHOXY-7-(METHYLAMINO)-, (S)- see: GH0800000

DF9486500 BENZO(a)HEPTALEN-9(5H)-ONE, 6,7-DIHYDRO-1,2,3-TRIMETHOXY-10-(METHYLTHIO)-7-((2,3,4,6-TETRA- O-ACETYL-beta-D-GLUCOPYRANOSYL)AMINO)-, (S)-
UPDT:8408 CAS: 66368-83-0 MW: 703.82 MOLFM: C34-H41-N-O13-S
SYN: COLCHICINE, N-DEACETYL-10-DEMETHOXY-N-(TETRA-O-ACETYL-beta-D-GLUCOPYRANOSYL)-10-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:109 mg/kg JMCMAR 2a,636,81

DF9488000 BENZO(a)HEPTALEN-9(5H)-ONE, 7-(beta-D-GLUCOPYRANOSYLAMINO)-6,7-DIHYDRO-1,2,3-TRIMETHOXY-10- (METHYLTHIO)-, (S)-
UPDT:8408 CAS: 66368-82-9 MW: 535.66 MOLFM: C26-H33-N-O9-S
SYN: COLCHICINE, N-DEACETYL-10-DEMETHOXY-N-(beta-d-GLUCOPYRANOSYL)-10-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:104 mg/kg JMCMAR 24,636,81

BENZOHYDROL see: DC7452000
BENZOHYDROQUINONE see: MX3500000
BENZOHYDROXAMATE see: DF9650000

DF9650000 BENZOHYDROXAMIC ACID
UPDT:8408 CAS: 495-18-1 MW: 137.15 MOLFM: C7-H7-N-O2

SYN: BENZAMIDE, N-HYDROXY- * BENZOHYDROXAMATE * BENZOHYDROXAMIC ACID * PHENYLHYDROXAMIC ACID

MUTATION DATA AND REFERENCES:

	cmic-cat 2500 nmol plate	MUREAV 133,139.84
	mmo-sat 1 nmol/plate	MUREAV 56,7,77

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DF9700000 BENZOHYDROXAMIC ACID, O-BENZOYL-3-CHLORO-2,6-DIMETHOXY-N-ETHYL-

UPDT:8406 CAS: 67011-29-6 MW: 363.82 MOLFM: C18-H18-Cl-N-O5

SYN: BENZOIC 3-CHLORO-N-ETHOXY-2,6-DIMETHOXYBENZAMIDIC ANHYDRIDE * BENZAMATE * BENZOHAMATE * CP84220 * ETHYL (S-BENZOYL-3-CHLORO-2,6-DIMETHOXY-BENZOHYDROXIMATE * N6-33

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:15000 mg/kg	BSARAE 1,92,77
*	ipr-rat LD50:4217 mg/kg	NYREA7 3,123,76
	orl-mus LD50:12 gm/kg	SPEADM 78:1,23,78
*	ipr-mus LD50:4264 mg/kg	NYREA7 3,123,76

DF9800000 BENZOHYDROXAMIC ACID, N-4-BIPHENYLYL-

UPDT:8401 CAS: 26690-77-7 MW: 289.33 MOLFM: C19-H15-N-O2

SYN: N-4-BIPHENYLYLBENZOHYDROXAMIC ACID * N-HYDROXY-4-BIPHENYLBENZAMIDE * N-HYDROXY-4-BIPHENYLYLBENZAMIDE

TUMORIGENIC DATA AND REFERENCES:

2V01B60	ipr-rat TDLo:561 mg/kg:6W-I	CNREAB 30,1485,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DF9900000 BENZOHYDROXIMIC ACID, p-BROMOTHIO-, S-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE

UPDT:8408 CAS: 41542-90-1 MW: 213.76 MOLFM: C13-H19-Br-N-O-S * Cl-H

SYN: p-BROMOBENZOYLTHIOHYDROXIMIC ACID, S-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE * p-BROMOTHIOBENZOHYDROXIMIC ACID, S-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE * DR 2915/HCl

TOXICITY DATA AND REFERENCES:

	ims-rat LD50:920 mg/kg	RPTOAN 38,105,75
	ims-mus LD50:810 mg/kg	RPTOAN 38,105,75
	ims-rbt LD50:500 mg/kg	RPTOAN 38,105,75
1Y23	ims-rbt LD50:1 gm/kg	BERBAN 63,32,77

DG0175000 BENZOHYDROXAMIC ACID, N-FLUOREN-1-YL-

UPDT:8401 CAS: 29958-86-7 MW: 301.34 MOLFM: C20-H15-N-O2

SYN: N-FLUOREN-1-YLBENZOHYDROXAMIC ACID * N-HYDROXY-1-FLUORENYLBENZAMIDE

TUMORIGENIC DATA AND REFERENCES:

2V02B60	ipr-rat TDLo:823 mg/kg:6W-I	CNREAB 30,1485,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG0350000 BENZOHYDROXAMIC ACID, N-FLUOREN-2-YL-

UPDT:8401 CAS: 3671-71-6 MW: 301.34 MOLFM: C20-H15-N-O2

SYN: N-BENZOYLOXY-ACETYLAMINOFLUORENE * N-FLUOREN-2-YLBENZOHYDROXAMIC ACID * N-(2-FLUORENYL)-BENZOHYDROXAMIC ACID * N-HYDROXY-N-2-FLUORENYLBENZAMIDE

MUTATION DATA AND REFERENCES:

	mma-bac 10 nmol	MOPMA3 4,411,68
	ams-bac 10 nmol	MOPMA3 4,411,68

TUMORIGENIC DATA AND REFERENCES:

2V01A60	orl-rat TDLo:3200 mg/kg:23W-I	CNREAB 30,1485,70
3V01B60V10	ipr-rat TDLo:540 mg/kg:4W-I	CNREAB 27,1443,67
3V01B60V10	ipr-rat TD:540 mg/kg:4W-I	NATUAS 209,202,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG0525000 BENZOHYDROXAMIC ACID, N-FLUOREN-2-YL-, ACETATE

UPDT:8401 CAS: 29958-75-0 MW: 343.40 MOLFM: C22-H17-N-O3

SYN: N-ACETOXY-2-FLUORENYLBENZAMIDE * N-FLUOREN-2-YLBENZOHYDROXAMIC ACID, ACETATE

TUMORIGENIC DATA AND REFERENCES:

2V03B60	orl-rat TDLo:5200 mg/kg:21W-I	CNREAB 30,1485,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG0650000 BENZOHYDROXIMIC ACID, p-METHYLTHIO-, S-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE

UPDT:8412 MW: 357.90 MOLFM: C14-H22-N2-O-S2 * Cl-H

TOXICITY DATA AND REFERENCES:

*	ims-rat LD50:11 mg/kg	PHARAT 38,349,83

2-(BENZOHYDROYLOXY)-N,N-DIMETHYLETHYLAMINE see: KP6825000

DG0875000 BENZOIC ACID

UPDT:8308 CAS: 65-85-0 MW: 122.13 MOLFM: C7-H6-O2

SYN: ACIDE BENZOIQUE (French) * BENZENECARBOXYLIC ACID * BENZENEFORMIC ACID * BENZENEMETHANOIC ACID * BENZOATE * BENZOIC ACID (DOT) * CARBOXYBENZENE * DRACYLIC ACID * KYSELINA BENZOOVA (Czech) * NA 9074 (DOT) * PHENYL CARBOXYLIC ACID * PHENYLFORMIC ACID * RETARDER BA * RETARDER * TENN-PLUS * SALVO LIQUID * SALVO POWDER

MUTATION DATA AND REFERENCES:

	skn-hmn 22 mg/3D-I MOD	BSDKAB -,127,77
	skn-rbt 500 mg/24H MLD	BIOFX* 28-4/73
	eye-rbt 100 mg SEV	BIOFX* 28-4/73

MUTATION DATA AND REFERENCES:

	dni-hmn:lym 5 mmol/L	PNASA6 79,1171,82

TOXICITY DATA AND REFERENCES:

2J22901	skn-hmn TDLo:6 mg/kg	JOALAS 16,195,45
*	orl-man LDLo:500 mg/kg	FCTAAV 17,715,79
	orl-rat LD50:2530 mg/kg	MAMVP 29MAR77
	orl-mus LD50:2370 mg/kg	TAAPA9 25,439,73
	ipr-mus LD50:1460 mg/kg	CRSBAW 160,1097,66
	orl-dog LD50:2000 mg/kg	27ZTAP 3,22,69
	orl-cat LD50:2000 mg/kg	27ZTAP 3,22,69
	orl-rbt LDLo:2000 mg/kg	HBTXAC 5,23,59
	scu-rbt LDLo:2000 mg/kg	HBTXAC 5,23,59
	ipr-gpg LDLo:1400 mg/kg	HBTXAC 5,23,59
	scu-frg LDLo:100 mg/kg	HBTXAC 5,23,59

STANDARDS & REGULATIONS:

★ DOT HAZARD CLASS: E, LABEL: NONE CFRGBR 49,172,101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPA TSCA SECTION 8(e) STATUS REPORT, BEHG-1177-0018

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG0876500 BENZOIC ACID, 3-ACETAMIDO-5-AMINO-2,4,6-TRIIODO-

UPDT:8310 CAS: 17163-07-1 MW: 571.82 MOLFM: C9-H7-I3-N2-O3

SYN: 3-ACETAMIDO-5-AMINO-2,4,6-TRIIODOBENZOIC ACID

MUTATION DATA AND REFERENCES:

	mma-sat 1 mg/plate	PWPSAB 23,249,80
	mnt-hmn:lym 40 mg/L	RADLAX 129,199,78
	cyt-hmn:lym 2000 ppm	RADLAX 129,199,78

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:7200 mg/kg	JMETAB 116,394,56

DG0877000 BENZOIC ACID, p-(3-(p-ACETAMIDOBENZYL)-3-METHYL-1-TRIAZENO)-

UPDT:8403 CAS: 63542-19-0 MW: 326.39 MOLFM: C17-H18-N4-O3

SYN: p-(3-(p-ACETAMIDOBENZYL)-3-METHYL-1-TRIAZENO)BENZOIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2009 mg/kg	JPMSAE 66,1416,77

DG0879200 BENZOIC ACID, 4-ACETAMIDO-3,5-DIIODO-

UPDT:8405 MW: 430.97 MOLFM: C9-H7-I2-N-O3

SYN: 4-ACETAMIDO-3,5-DIIODOBENZOIC ACID * 4-ACETYLAMINO-3,5-DIIODOBENZOIC ACID

TOXICITY DATA AND REFERENCES:

*	unk-rat LD50:4200 mg/kg	JAPMAB 42,721,53

DG0885500 BENZOIC ACID, 3-ACETAMIDO-5-PROPIONAMIDO-2,4,6-TRIIODO-

UPDT:8408 CAS: 19719-02-9 MW: 627.95 MOLFM: C12-H11-I3-N2-O4

SYN: 3-ACETAMIDO-5-PROPIONAMIDO-2,4,6-TRIIODOBENZOIC ACID

TOXICITY DATA AND REFERENCES:

	scu-mus LD50:10 gm/kg	JPETAB 116,394,56

DG0887000 BENZOIC ACID, 3-ACETAMIDO-2,4,6-TRIIODO-

UPDT:8405 CAS: 85-36-9 MW: 556.86 MOLFM: C9-H5-I3-N-O3

SYN: 3-ACETAMIDO-2,4,6-TRIIODOBENZOIC ACID * 3-(ACETYLAMINO)-2,4,6-TRIIODOBENZOIC ACID * ALTRIZOIC ACID * ACIDO 3-ACETILAMINO-2,4,6-TRIIODOBENZOICO (Italian)

TOXICITY DATA AND REFERENCES:

*	unk-rat LD50:9650 mg/kg	JAPMAB 42,721,53
*	orl-mus LD50:20 gm/kg	FRPSAX 18,33,63
*	ivn-mus LD50:8000 mg/kg	FRPSAX 18,33,63

DG0887300 BENZOIC ACID, 3-ACETAMIDO-2,4,6-TRIIODO-5-(N-METHYLACETAMIDO)-

UPDT:8408 CAS: 1949-45-7 MW: 627.95 MOLFM: C12-H11-I3-N2-O4

SYN: BENZOIC ACID, 3-(ACETYLAMINO)-5-(ACETYL(METHYL)AMINO)-2,4,6-TRIIODO- * METRIZOATE * METRIZOIC ACID

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:38100 mg/kg	NIIRDN 6,843,82
*	scu-rat LD50:29600 mg/kg	NIIRDN 6,843,82
*	ivn-rat LD50:14300 mg/kg	NIIRDN 6,843,82
*	scu-mus LD50:36 gm/kg	NIIRDN 6,843,82
*	ivn-mus LD50:12200 mg/kg	INVRAV 15,502,80
*	ivn-dog LD50:334 mg/kg	NIIRDN 6,843,82

DG0888000 BENZOIC ACID, 3-ACETAMIDO-2,4,6-TRIIODO-, MONOSODIUM SALT

UPDT:8405 CAS: 129-63-5 MW: 578.84 MOLFM: C9-H5-I3-N-O3-Na

SYN: 3-ACETAMIDO-2,4,6-TRIIODOBENZOIC ACID, SODIUM SALT * ACETODONE * ACETRIZOATE SODIUM * ALTRIZOIC ACID, SODIUM SALT * BRONCHOSELECTAN * CYSTOKON * DIAGNOL * FOSTOMBRINE-N * IODOPACT * IODOPAQUE * IODOPAR * MP 1023 * PYELOKON-F8 * SALPIX * SODIUM 3-ACETAMIDO-2,4,6-TRIIODOBENZOATE * SODIUM ACETRIZOATE * SODIUM 3-ACETYLAMINO-2,4,6-TRIIODOBENZOATE * SODIUM UROKON * THIXOKON * TRI-ABRODIL * TRIOGRAST * TRIOSEL * TRIOTRAST * TRIOTROST * 2,4,6-TRIIOD-3-ACETAMINOBENZOESAURE NATRIUM (German) * TRIOPAC * TRIOPAC 200 * TRIOPAS * TRIUMBERIN * TRIUROL * TRIUROPAN * UROKON * UROKON SODIUM * VESAMIN * VISOTRAST * VROKON

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:7500 mg/kg	CLDND*
	ivn-mus LDLo:7950 mg/kg	CLDND*
	ivn-dog LD50:6300 mg/kg	JPETAB 116,394,56
	ivn-cat LD50:5650 mg/kg	CLDND*
	ivn-rbt LD50:5200 mg/kg	JPETAB 116,394,56

BENZOIC ACID, p-((p-(ACETOXYMETHYLAMINO)PHENYL)AZO)-, METHYL ESTER see: DH3870000

BENZOIC ACID, 2-(ACETYLAMINO)- (9CI) see: CB2455000

DG0893000 BENZOIC ACID, 4-(ACETYLAMINO)-2-(((4-(ACETYLAMINO)BENZOYL)HYDRAZONO)METHYL)PHENYL ESTER

UPDT:8402 CAS: 55901-27-6 MW: 458.51 MOLFM: C25-H22-N4-O5

TOXICITY DATA AND REFERENCES:

2F02F05	ipr-mus LD50:1000 mg/kg	JPMSAE 64,154,75

DG0895000 BENZOIC ACID, 3-(ACETYLAMINO)-5-((ACETYLAMINO)METHYL)-2,4,6-TRIIODO-

UPDT:8403 CAS: 440-58-4 MW: 627.95 MOLFM: C12-H11-I3-N2-O4

SYN: 3-ACETAMIDO-5-(ACETAMIDOMETHYL)-2,4,6-TRIIODOBENZOIC ACID * 3-(ACETYLAMINO)-5-((ACETYLAMINO)METHYL)-2,4,6-TRIIODOBENZOIC ACID * AMET (Q-isoic) * AMETRIODINIC ACID * B 4130 * alpha-5-DIACETAMIDO-2,4,6-TRIIODO-m-TOLUIC ACID * IODAMIDE * IODAMID (German) * IODOAMIRON * SH 926 * UROMIRO * URONIRON

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:17900 mg/kg	ARZNAD 15,222,65
	ivn-rat LD50:11400 mg/kg	ARZNAD 15,222,65
*	ivn-mus LD50:10800 mg/kg	MEIEDD 10,726,83
	ivn-rbt LD50:13200 mg/kg	ARZNAD 15,222,65
	ipr-gpg LD50:15 gm/kg	ARZNAD 15,222,65

BENZOIC ACID, 2-(ACETYLAMINO)-5-(ACETYLMETHYLAMINO)-2,4,6-TRIIODO- see: DG0887300

DG0905000 BENZOIC ACID, 4-(ACETYLAMINO)-((2-((3-NITROBENZOYL)OXY)PHENYL)METHYLENE)HYDRAZIDE

UPDT:8402 CAS: 51901-30-9 MW: 446.45 MOLFM: C23-H18-N4-O5

SYN: 4-(ACETYLAMINO)-((2-((3-NITROBENZOYL)OXY)PHENYL)METHYLENE)-HYDRAZIDE of BENZOIC ACID

TOXICITY DATA AND REFERENCES:

2F02F05	ipr-mus LD50:1000 mg/kg	JPMSAE 64,154,75

BENZOIC ACID, 3-(ACETYLAMINO)-2,4,6-TRIIODO-5-((METHYLAMINO)CARBONYL)-, MONOSODIUM SALT see: NT1987000

DG0920000 BENZOIC ACID, 4-(4-ACETYL-3-IODOPHENOXY)-3,5-DIIODO-

UPDT:8406 CAS: 1160-36-7 MW: 633.94 MOLFM: C15-H9-I3-O4

SYN: TBF 43 * 3,5,3'-TRIIODO-4-ACETYLTHYRONOFORMIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T02	orl-rat TDLo:2520 mg/kg (84D male)	JJPAAZ 14,343,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG0928000 BENZOIC ACID, 2-(ACETYLOXY)-2-(((4-(ACETYLAMINO)BENZOYL)HYDRAZONO)METHYL)PHENYL ESTER

UPDT:8402 CAS: 55901-28-7 MW: 459.49 MOLFM: C25-H21-N3-O6

SYN: 2-(ACETYLOXY)-2'-((4-(ACETYLAMINO)BENZOYL)HYDRAZONO)METHYL)PHENYL ESTER of BENZOIC ACID

TOXICITY DATA AND REFERENCES:

2F02F05	ipr-mus LD50:1000 mg/kg	JPMSAE 64,154,75

DG0929000 BENZOIC ACID, 2-(ACETYLOXY)-, 2-(4-(ACETYLAMINO)PHENOXY)ETHYL ESTER

UPDT:8408 CAS: 62992-61-6 MW: 357.39 MOLFM: C19-H19-N-O4

SYN: 2-(4-ACETAMIDOPHENOXY)ETHYL 2-ACETOXYBENZOATE * 2-(ACETYLOXY-BENZOIC ACID 2-(4-(ACETYLAMINO)-PHENOXY)-ETHYL ESTER * DAITAL * ETHERLATE * ETHERLATE * ETHERYLATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD:10.7 gm/kg	USXXAM #:6014921

BENZOIC ACID, 2-(ACETYLOXY)-, 4-(ACETYLAMINO)PHENYL ESTER (9CI) see: VO0720000

DG0935000 BENZOIC ACID, 2-(ACETYLOXY)-, mixed with 3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE and N-(4-ETHOXYPHENYL)ACETAMIDE

BENZOIC ACID, 2-(ACETYLOXY)-, ANHYDRIDE (9CI) see: VO0710000

UPDT:8412 CAS: 8003-03-0 MW: 533.63 MOLFM: C10-H13-N-O2 · C9-H8-O4 · C8-H10-N4-O2

SYN: ABC * APC (PHARMACEUTICAL) * ASCOPHEN * ASPIRIN, PHENACETIN and CAFFEINE * CITRAMON * EMPIRIN COMPOUND * NCI-C55497 * USCOPHEN * THOMAPIRIN

TUMORIGENIC DATA AND REFERENCES:

2V03N60	orl-rat TDLo:382 gm/kg:78W-C	NCITR* NCI-CG-TR-67,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1420 mg/kg	NCIMR* NIH-71-E-2144

TOXICITY DATA HAVE NOT BEEN EVALUATED

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

* ipr-mus LD50:44 mg/kg PCJOAU 15,139,81

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE;RAT (NCITR* NCI-CG-TR-67,78)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE (NCITR* NCI-CG-TR-67,78)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOIC ACID, 2-(ACETYLOXY)-, MAGNESIUM SALT (9CI) see: VO0780000

BENZOIC ACID, 4-((4-((ACETYLOXY)METHYLAMINO)PHENYL)AZO)-, METHYL ESTER (9CI) see: DH3870000

DG0939000 BENZOIC ACID, 2-(ACETYLSELENO)-

UPDT:8209 CAS: 6647-2-85-3 MW: 243.13 MOLFM: C9 H8 O2 Se

SYN: 2-(ACETYLSELENO)BENZOIC ACID * ACETYLSELENO-2 BENZOIC ACID * ACIDE ACETYL SELENO 2 BENZOIQUE (French) * SELENOASPIRINE

TOXICITY DATA AND REFERENCES:

2F07F12 ipr-rat LDLo:100 mg/kg CRSBAW 172,383,78

2F07F12 ivn-rat LDLo:75 mg/kg CRSBAW 172,383,78

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3 DTLVs* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air,TWA 200 ug(Se)/m3 (SCP-K) FEREAC 39,23540,74

BENZOIC ACID, 2-(ACETYLTHIO)- see: DM3350000

DG0945000 BENZOIC ACID, p-(9-ACRIDINYLAMINO)-, METHYL ESTER, HYDROCHLORIDE

UPDT:8312 CAS: 75775-86-9 MW: 364.85 MOLFM: C21 H16 N2 O2 Cl H

SYN: p-(9-ACRIDINYLAMINO)BENZOIC ACID METHYL ESTER HYDROCHLORIDE

MUTATION DATA AND REFERENCES:

dnd-mam:lym 15 umol/L JMCMAR 24,170,81

DG0950000 BENZOIC ACID, 3,3'-(ADIPOYLDIIMINO)BIS(2,4,6-TRIIODO-, DISODIUM SALT

UPDT:8303 CAS: 2610-75-0 MW: 1183.72 MOLFM: C20 H12 I6 N2 O6 2Na

SYN: CHOLOGRAFIN SODIUM * DISODIUM N,N'-ADIPYLBIS(3-AMINO-2,4,6-TRIIODOBENZOIC ACID * IODIPAMIDE, DISODIUM SALT * IODIPAMIDE SODIUM * SODIUM IODIPAMIDE

TOXICITY DATA AND REFERENCES:

ivn-rat LD50:3400 mg/kg CLDND*

* ivn-mus LD50:2539 mg/kg INVRAV 15(Suppl 6),142,80

DG0970000 BENZOIC ACID, m-((N-ALLYL-1-MERCAPTOFORMIMIDOYL)AMINO)-, MONOCOPPER(1+), MONOSODIUM SALT

UPDT:8403 CAS: 5965-40-2 MW: 322.84 MOLFM: C11 H12 N2 O2 S Cu Na

SYN: ALLOCUPREIDE SODIUM * m-((N-ALLYL-1-MERCAPTOFORMIMIDOYL)AMINO)BENZOIC ACID S-COPPER deriv. SODIUM SALT * m-((N-ALLYL-1-MERCAPTOFORMIMIDOYL)AMINO)BENZOIC ACID, COPPER deriv., SODIUM SALT * 3-(1-(3-ALLYL)-5-CUPROPSEUDOTHIOUREIDO)BENZOIC ACID, SODIUM SALT * BENZOIC ACID, 3-((((2-PROPENYLAMINO)THIOXOMETHYL)AMINO)-, MONOCOPPER(1+) MONOSODIUM SALT * CUPRALENE * CUPRALYLNATRIUM * CUPRALYL SODIUM * CUPRELON * CUPRION * CUPROTHIOSINAMINE m-BENZOATE SODIUM * EBESAL * SODIUM 3-(3-ALLYL-5-CUPROISOTHIOUREIDO)BENZOATE * SODIUM 3-(3-ALLYL-5-CUPROPSEUDOTHIOUREIDO)BENZOATE

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:160 mg/kg ARDIAO 10,328,51

* ims-rat LD50:375 mg/kg ARDIAO 10,328,51

BENZOIC ACID AMIDE see: CU8700000

DG1115000 BENZOIC ACID, p-AMIDINO-, BENZYL ESTER

UPDT:8405 MW: 254.31 MOLFM: C15 H14 N2 O2

SYN: p-AMIDINOBENZOIC ACID BENZYL ESTER

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:59 mg/kg JAPMAB 41,202,52

DG1116000 BENZOIC ACID, p-AMIDINO-, BUTYL ESTER

UPDT:8405 MW: 220.30 MOLFM: C12 H16 N2 O2

SYN: p-AMIDINOBENZOIC ACID BUTYL ESTER

IRRITATION DATA AND REFERENCES:

skn-rbt 1% SEV JAPMAB 41,202,52

skn-rbt 1000 ppm MOD JAPMAB 41,202,52

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:350 mg/kg JAPMAB 41,202,52

* ivn-mus LD50:70 mg/kg JAPMAB 41,202,52

DG1117000 BENZOIC ACID, p-AMIDINO-, 2-CHLOROETHYL ESTER

UPDT:8405 MW: 226.68 MOLFM: C10 H11 Cl N2 O2

SYN: p-AMIDINOBENZOIC ACID 2-CHLOROETHYL ESTER

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:85 mg/kg JAPMAB 41,202,52

DG1118000 BENZOIC ACID, p-AMIDINO-, CYCLOHEXYL ESTER

UPDT:8405 MW: 246.34 MOLFM: C14 H18 N2 O2

SYN: p-AMIDINOBENZOIC ACID CYCLOHEXYL ESTER

IRRITATION DATA AND REFERENCES:

skn-rbt 1% MOD JAPMAB 41,202,52

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:112 mg/kg JAPMAB 41,202,52

DG1127000 BENZOIC ACID, p-AMIDINO-, HEXYL ESTER

UPDT:8405 MW: 248.36 MOLFM: C14 H20 N2 O2

SYN: p-AMIDINOBENZOIC ACID HEXYL ESTER

IRRITATION DATA AND REFERENCES:

skn-rbt 1% SEV JAPMAB 41,202,52

skn-rbt 1000 ppm MOD JAPMAB 41,202,52

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:550 mg/kg JAPMAB 41,202,52

* ivn-mus LD50:150 mg/kg JAPMAB 41,202,52

DG1135000 BENZOIC ACID, p-AMIDINO-, PENTYL ESTER

UPDT:8405 MW: 234.33 MOLFM: C13 H18 N2 O2

SYN: p-AMIDINOBENZOIC ACID PENTYL ESTER

IRRITATION DATA AND REFERENCES:

skn-rbt 1% SEV JAPMAB 41,202,52

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:450 mg/kg JAPMAB 41,202,52

* ivn-mus LD50:105 mg/kg JAPMAB 41,202,52

DG1136000 BENZOIC ACID, p-AMIDINO-, PROPYL ESTER

UPDT:8405 MW: 206.27 MOLFM: C11 H14 N2 O2

SYN: p-AMIDINOBENZOIC ACID PROPYL ESTER

IRRITATION DATA AND REFERENCES:

skn-rbt 1% SEV JAPMAB 41,202,52

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:550 mg/kg JAPMAB 41,202,52

* ivn-mus LD50:65 mg/kg JAPMAB 41,202,52

DG1225000 BENZOIC ACID, m-AMINO-

UPDT:8403 CAS: 99-05-8 MW: 137.15 MOLFM: C7 H7 N O2

SYN: m-AMINOBENZOIC ACID * 3-AMINOBENZOIC ACID * MABA

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:500 mg/kg CBCCT* 6,53,54

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

DG1400000 BENZOIC ACID, p-AMINO-

UPDT:8406 CAS: 150-13-0 MW: 137.15 MOLFM: C7 H7 N O2

SYN: AMBEN * AMINOBENZOIC ACID * gamma-AMINOBENZOIC ACID * p-AMINOBENZOIC ACID * 4-AMINOBENZOIC ACID * 1-AMINO-4-CARBOXYBENZENE * ANTICANITIS VITAMIN * ANTI-CHROMOTRICHIA FACTOR * BACTERIAL VITAMIN H1 * BENZOIC ACID, 4-AMINO- * p-CARBOXYANILINE * 4-CARBOXYANILINE * p-CARBOXYPHENYLAMINE * CHROMOTRICHIA FACTOR * gam-CHROMOTRICHIA FACTOR * PABA * PARANOL * PARAMINOL * PARANATE * SUNBRELLA * TRICHOCHRO-MOGENIC FACTOR * VITAMIN BX * VITAMIN H

MUTATION DATA AND REFERENCES:

dnd-mus-ipr 1 gm/kg ARTODN (Suppl 5),355,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:2500 mg/kg (1-22D preg) AJANA2 110,29,62

TOXICITY DATA AND REFERENCES:

orl-mus LD50:2850 mg/kg PSEBAA 49,184,42

* orl-dog LD50:1000 mg/kg PSEBAA 49,184,42

* orl-rbt LD50:1830 mg/kg FEPRA7 10,284,51

ivn-rbt LD50:2000 mg/kg FEPRA7 1,71,42

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW;ANIMAL INDEFINITE IARC** 16,249,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOIC ACID, 4-AMINO- see: DG1400000

DG1501000 BENZOIC ACID, 4-AMINO-2-BUTOXY-, 2-(DIETHYLAMINO)ETHYL ESTER

UPDT:8403 CAS: 119-29-9 MW: 308.47 MOLFM: C17 H28 N2 O3

SYN: AMBUCAIN * AMBUCAINE * AMBUTOXATE * 4-AMINO-2-BUTOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER * 4-AMINO-2-n-BUTOXY BENZOESAEURE (DIAETHYLAMINOAETHYLESTER (German) * 2-BUTOXY-4-AMINOBENZOIC ACID, beta-DIETHYLAMINOETHYL ESTER * 2-(DIETHYLAMINO)ETHYL 4-AMINO-2-BUTOXYBENZOATE * 2-DIETHYLAMINOETHYL 4-AMINO-2-n-BUTOXYBENZOATE * beta-DIETHYLAMINOETHYL 2-BUTOXY-4-AMINOBENZOATE * S-813 * SYMPOCAIN * SYMPOCAINE * WIN 3706

TOXICITY DATA AND REFERENCES:

ivn-mus LD50:7400 ug/kg ARZNAD 3,612,53

DG1502700 BENZOIC ACID, 4-AMINO-2-BUTOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8406 CAS: 15016-15-6 MW: 344.93 MOLFM: C17 H28 N2 O3 Cl H

SYN: 4-AMINO-2-BUTOXY BENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * BENZOIC ACID, 4-AMINO-2-BUTOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE * SYMPOCAINE * SYMPOCAINE HYDROCHLORIDE * WIN 3706

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:100 mg/kg APFRAD 40,133,82

3F12H02J30 ivn-mus LD50:4019 ug/kg JPETAB 104,40,52

BENZOIC ACID, 4-AMINO-2-BUTOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE see: DG1502700

DG1502900 BENZOIC ACID, 4-AMINO-3-BUTOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8406 CAS: 5987-82-6 MW: 344.93 MOLFM: C17 H28 N2 O3 Cl H

SYN: BENORIL * BENOXINATE HYDROCHLORIDE * CEBETINE * CONJUNCAIN * DORSACAINE * DORSACAINE HYDROCHLORIDE * LACRIMIN * NOVESINE * NOVESINE * OXYBUPROCAINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* scu-rat LD50:60 mg/kg NIIRDN 6,154,82

* scu-mus LD50:42500 ug/kg NIIRDN 6,154,82

DG1502990 BENZOIC ACID, 3-AMINO-4-BUTOXY-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8405 MW: 316.87 MOLFM: C15 H24 N2 O3 Cl H

SYN: 3-AMINO-4-BUTOXYBENZOIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * DIMETHYLAMINOETHYL 3-AMINO-4-BUTOXYBENZOATE HYDROCHLORIDE * PARABUTOXATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:6 mg/kg TXAPA9 1,454,56

DG1506000 BENZOIC ACID, 4-AMINO-2-BUTOXYTHIO-, S-(2-(DIETHYLAMINO)ETHYL) ESTER, MONOHYDROCHLORIDE

UPDT:8406 MW: 360.99 MOLFM: C17 H28 N2 O2 S Cl H

SYN: 4-AMINO-2-BUTOXYTHIOBENZOIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE * WIN 3800

TOXICITY DATA AND REFERENCES:

3F12H02J30 ivn-mus LD50:589 ug/kg JPETAB 123,269,58

DG1506500 BENZOIC ACID, 4-AMINO-2-BUTOXYTHIO-, 2-(2-METHYLPIPERIDINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8406 MW: 387.03 MOLFM: C19 H30 N2 O2 S Cl H

SYN: 4-AMINO-2-BUTOXYTHIOBENZOIC ACID 2-(2-METHYLPIPERIDINO)ETHYL ESTER HYDROCHLORIDE * WIN 4316

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:613 ug/kg JAPMAB 44,393,55

DG1506600 BENZOIC ACID, 4-AMINO-2-BUTOXYTHIO-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE

UPDT:8406 MW: 373.00 MOLFM: C18 H28 N2 O2 S Cl H

SYN: 4-AMINO-2-BUTOXYTHIOBENZOIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE * WIN 4230

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:776 ug/kg JAPMAB 44,393,55

BENZOIC ACID p-AMINO-, 1-tert.BUTYL-3-AZETIDINYL ESTER HYDROCHLORIDE see: CM4398000

DG1530000 BENZOIC ACID, p-AMINO-, BUTYL ESTER

UPDT:8403 CAS: 94-25-7 MW: 193.27 MOLFM: C11 H15 N O2

SYN: p-AMINOBENZOIC ACID BUTYL ESTER * BUTAMBEN * BUTYL p-AMINOBENZOATE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:67 mg/kg JMCMAR 17,900,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

BENZOIC ACID, 2,2'-(((4-((AMINOCARBONYL)AMINO)PHENYL)AS)DINIDENEBIS(THIO))BIS) see: DM3400000

DG1575000 BENZOIC ACID, 4-AMINO-2-CHLORO-

UPDT:8305 CAS: 2457-76-3 MW: 171.59 MOLFM: C7 H6 Cl N O2

SYN: 2-CHLORO-4-AMINOBENZOIC ACID * USAF NB-1

MUTATION DATA AND REFERENCES:

oryza sativa esc 500 mg/L JGMIAN 18,543,58

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:500 mg/kg NTIS** AD277,689

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

DG1575050 BENZOIC ACID, 4-AMINO-2-CHLORO-, 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER, conjugate monoacid

UPDT:8406 C.A.S. 71266-48-3 MW: 372.88 MOLFM: C20 H21 Cl N2 O3

SYN: 4-AMINO-2-CHLOROBENZOIC ACID 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER conjugate monoacid

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:70 mg/kg SCPHA4 48,117,80

DG1575400 BENZOIC ACID, 4-AMINO-2-CHLORO-, ESTER with 3-HYDROXY-1-METHYL-3-PIPERIDYL PHENYL KETONE, MONOHYDROCHLORIDE, (+-)-

UPDT:8311 CAS: 33-22-58-1 MW: 409.34 MOLFM: C20 H21 Cl N2 O3 Cl H

SYN: (+-)-1-METHYL-3-BENZOYL-3-(m-CHLORO-p-AMINOBENZOYLOXY-PIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:30 mg/kg JPMSAE 60,685,71

BENZOIC ACID, p-AMINO- ester with CHOLINE CHLORIDE see: GA0800000

BENZOIC ACID, m-AMINO- ester with CHOLINE IODIDE see: GA4300000

BEST COPY AVAILABLE

BENZOIC ACID, o-AMINO ester with CHOLINE IODIDE see: GA4350000

DG1925000 BENZOIC ACID, 3-AMINO-2,5-DICHLORO-
UPDT:8412 CAS: 133-90-4 MW: 206.03 MOLFM: C7-H5-Cl2-N-O2
SYN: ACP-M-728 * AMBIBEN * AMIBEN * AMIBEN D5 * AMIBIN * 3-AMINO-2,5-DICHLOROBENZOIC ACID * AMOBEN * CHLORAMBED * CHLORAMBEN * CHLORAMBENE * 2,5-DICHLORO-3-AMINOBENZOIC ACID * NCI-C00055 * ORNAMENTAL WEEDER * VEGABEN * VEGIBEN

MUTATION DATA AND REFERENCES:

	mmo-sat 10 mg/plate	ENMUDM 5(Suppl 1),3,83
	mma-sat 1 mg/plate	NTPTB* JAN 82
	cyt-mus-ipr 58500 ug/kg	CARYAB 33,527,80
	cyt-mus-orl 234 mg/kg	CARYAB 33,527,80

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-mus TDLo:672 gm/kg/80W-C	NCITR* NCI-CG-TR-25,77
2V01L60	orl-mus TD :1344 gm/kg/80W-C	NCITR* NCI-CG-TR-25,77

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3500 mg/kg	RREVAH 10,97,65
*	orl-mus LD50:3725 mg/kg	GISAAA 45(4),74,80
	skn-rbt LD50:3136 mg/kg	WRPCA2 7,135,68

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-25,77)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-25,77)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG1950000 BENZOIC ACID, p-AMINO-, compd. with DIETHYLAMINE (1:1)
UPDT:8403 CAS: 6018-84-4 MW: 210.31 MOLFM: C7-H7-N-O2 C4-H11-N
SYN: p-AMINOBENZOIC ACID DIETHYLAMINE SALT * 4-AMINOBENZOIC ACID compd. with N-ETHYLETHANAMINE * BENZOIC ACID, p-AMINO-, compd. with N-ETHYLETHANAMINE (9CI) * N-DIETHYLAMMONIUM-p-AMINOBENZOATE * NEVANIDE

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:520 mg/kg	BSESA3 9,58,76

DG2100000 BENZOIC ACID, p-AMINO-, 2-(DIETHYLAMINO)ETHYL ESTER
UPDT:8412 CAS: 59-46-1 MW: 236.35 MOLFM: C13-H20-N2-O2
SYN: ALLOCAINE * p-AMINOBENZOIC ACID 2-DIETHYLAMINOETHYL ESTER * 4-AMINOBENZOIC ACID DIETHYLAMINOETHYL ESTER * p-AMINOBENZOYLDIETHYLAMINOETHANOL * DIETHYLAMINOETHYL p-AMINOBENZOATE * beta-DIETHYLAMINOETHYL 4-AMINOBENZOATE * 2-DIETHYLAMINOETHYL p-AMINOBENZOATE * GEROVITAL * JENACAIN * JENACAINE * NEOCAINE * NISSOCAINE * NOROCAINE * NOVOCAIN * NOVOCAINE * PROCAIN * PROCAINE * PROCAINE, BASE * SCUROCAINE * SPINOCAINE

TOXICITY DATA AND REFERENCES:

	orl-man LDLo:147 mg/kg	BSDCAI 2,73,70
3F19F20F21	ims-wmn TDLo:1600 ug/kg	JNNPAU 34,20,71
	ipr-rat LDLo:280 mg/kg	TXAPA9 1,156,59
*	scu-rat LD50:600 mg/kg	AIPTAK 104,388,56
*	ivn-rat LDLo:45 mg/kg	PHREA7 12,190,32
	orl-mus LD50:500 mg/kg	27ZIAQ -,212,73
	ipr-mus LD50:124 mg/kg	RPOBAR 2,213,70
	scu-mus LD50:300 mg/kg	ARZNAD 5,376,55
1C17	ivn-mus LD50:45 mg/kg	JAPMAB 45,382,56
	scu-dog LDLo:250 mg/kg	HBAMAK 4,1289,35
	scu-cat LDLo:450 mg/kg	JPETAB 24,167,25
*	ivn-cat LDLo:40 mg/kg	PHREA7 12,190,32
	scu-rbt LDLo:400 mg/kg	AEPPAE 160,53,31
*	ivn-rbt LDLo:55 mg/kg	PHREA7 12,190,32
*	ipr-gpg LDLo:600 mg/kg	PHREA7 12,190,32
	scu-gpg LDLo:400 mg/kg	AEPPAE 144,197,29
*	ivn-gpg LDLo:50 mg/kg	PHREA7 12,190,32
	par-frg LDLo:600 mg/kg	AEPPAE 144,197,29

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 12,190,32

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG2275000 BENZOIC ACID, p-AMINO-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8412 CAS: 51-05-8 MW: 272.81 MOLFM: C13-H20-N2-O2 Cl-H
SYN: ALLOCAINE * ALOCAINE * p-AMINOBENZOIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE * 4-AMINOBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * p-AMINOBENZOYLDIETHYLAMINOETHANOL HYDROCHLORIDE * AMINOCAINE * ANADOLOR * ANESTHESOL * ANESTIL * ATOXICOCAINE * BENZOIC ACID, 4-AMINO-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE * BERNOCAINE * CETAIN * CHLOROCAINE * DIETHYLAMINOETHANOL 4-AMINOBENZOATE HYDROCHLORIDE * 2-DIETHYLAMINOETHYL p-AMINOBENZOATE HYDROCHLORIDE * ETHOCAINE * EUGERASE * GROCAINE * ISOCAINE ASID * ISOCAINE HEISLER * JENACAIN * JUVOCAINE * KEBOCAINE * LACTOCAINE * NAUCAINE * NEOCAINE * NOVOCAIN CHLORHYDRAT (German) * NOVOCAINE HYDROCHLORIDE * NOVOCAIN HYDROCHLORID (German) * PARACAIN * PLANOCAINE * PROCAINE HYDROCHLORIDE * SCUROCAINE * SEVICAINE * SYNCAINE * TOPORAIN * WESTOCAINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:200 mg/kg	ZENBAX 6b,183,51
	ipr-rat LD50:184 mg/kg	FEPRA7 10,284,51
	ivn-rat LD50:38 mg/kg	ANESAV 3,398,42
	unk-rat LD50:150 mg/kg	ARZNAD 17,1012,67
*	orl-mus LD50:175 mg/kg	ZENBAX 6b,183,51
*	ipr-mus LD50:50 mg/kg	ARZNAD 26,793,76
*	scu-mus LD50:339 mg/kg	BCFAAI 107,310,68
*	ivn-mus LD50:46200 ug/kg	TXAPA9 1,454,56
3F12F13J26	ims-mus LD50:630 mg/kg	ANTCAO 1,504,51
3G30H02J25	ivn-dog LD50:63 mg/kg	JDREAF 20,425,41
2F12G10	ivn-cat LDLo:10 mg/kg	JPETAB 8,385,16
2F12J30	scu-rbt LDLo:100 mg/kg	JPETAB 47,255,33
	ivn-rbt LDLo:44 mg/kg	FEPRA7 10,284,51
	par-rbt LD50:4 mg/kg	ARZNAD 9,137,59
	isp-rbt LDLo:18 mg/kg	JPETAB 57,221,36
	scu-gpg LDLo:350 mg/kg	JPETAB 72,146,41
*	ivn-gpg LD50:60 mg/kg	JAPMAB 40,132,51

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZOIC ACID, 4-AMINO-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE see: DG2275000

DG2295000 BENZOIC ACID, p-AMINO-, 5-(DIETHYLAMINO)-2-PENTYL ESTER, HYDROCHLORIDE
UPDT:8310 MW: 314.90 MOLFM: C16-H26-N2-O2 Cl-H
SYN: p-AMINOBENZOIC ACID, 5-(DIETHYLAMINO)-2-PENTYL ESTER, HYDROCHLORIDE * C 4199

TOXICITY DATA AND REFERENCES:

	scu-mus LD50:137 mg/kg	ARZNAD 8,708,58

DG2310000 BENZOIC ACID, 4-AMINO-3,5-DIIODO-
UPDT:8405 CAS: 2122-61-4 MW: 388.93 MOLFM: C7-H5-I2-N-O2
SYN: 4-AMINO-3,5-DIIODOBENZOIC ACID

TOXICITY DATA AND REFERENCES:

*	unk-rat LD50:515 mg/kg	JAPMAB 42,721,53
*	ivn-mus LD50:56 mg/kg	CSLNX* NX#03073

BENZOIC ACID, 2-AMINO-3,5-DIIODO- (9CI) see: CB2999300

DG2310500 BENZOIC ACID, 4-(4-AMINO-3,5-DIIODOBENZAMIDO)-
UPDT:8405 MW: 508.06 MOLFM: C14-H10-I2-N2-O3
SYN: 4-(4-AMINO-3,5-DIIODOBENZAMIDO)BENZOIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:4000 mg/kg	JAPMAB 43,495,54

DG2388000 BENZOIC ACID, p-AMINO-, ESTER with 3-HYDROXY-1-METHYL-3-PIPERIDYL PHENYL KETONE, MONOHYDROCHLORIDE, (- -)-
UPDT:8311 CAS: 31823-18-4 MW: 374.90 MOLFM: C20-H22-N2-O3 Cl-H
SYN: (- -)-1-METHYL-3-BENZOYL-(p-AMINOBENZOYLOXY)PIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1F29	scu-mus LD50:35 mg/kg	JPMSAE 60,685,71

DG2412000 BENZOIC ACID, 4-AMINO-2-ETHOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROGEN PHOSPHATE
UPDT:8305 MW: 378.41 MOLFM: C15-H24-N2-O3-H3-O4-P
SYN: 4-AMINO-2-ETHOXY-BENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROGEN PHOSPHATE * WIN 3606

TOXICITY DATA AND REFERENCES:

3F07F12J30	ivn-mus LD50:31 mg/kg	JPETAB 104,40,52

DG2419000 BENZOIC ACID, 4-AMINO-2-ETHOXYTHIO-, 3-(DIETHYLAMINO)PROPYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 346.96 MOLFM: C16-H26-N2-O2-S Cl-H
SYN: 4-AMINO-2-ETHOXYTHIOBENZOIC ACID 3-(DIETHYLAMINO)PROPYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1C17	ivn-mus LD50:1229 ug/kg	AIPTAK 107,335,56

DG2448000 BENZOIC ACID, o-AMINO-, ETHYL ESTER
UPDT:8305 CAS: 87-25-2 MW: 165.21 MOLFM: C9-H11-N-O2
SYN: ETHYL o-AMINOBENZOATE * ETHYL ANTHRANILATE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 14,759,76

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3750 mg/kg	FCTXAV 14,759,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZOIC ACID, p-AMINO-, compd. with N-ETHYLETHANAMINE (9CI) see: DG1950000
BENZOIC ACID, 4-HYDROXY-, ((5-NITRO-2-FURANYL)METHYLENE)HYDRAZIDE see: DH2528300

DG2550000 BENZOIC ACID, 4-AMINO-2-(HEXYLOXY)-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8406 MW: 372.99 MOLFM: C19-H32-N2-O3 Cl-H
SYN: 4-AMINO-2-(HEXYLOXY)BENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * WIN 4069

TOXICITY DATA AND REFERENCES:

3F12H02J30	ivn-mus LD50:2 mg/kg	JPETAB 123,269,58

DG2570000 BENZOIC ACID, 4-AMINO-2-(HEXYLOXY)THIO-, S-(2-(DIETHYLAMINO)ETHYL)ESTER, MONOHYDROCHLORIDE
UPDT:8406 MW: 389.05 MOLFM: C19-H32-N2-O2-S Cl-H
SYN: 4-AMINO-2-(HEXYLOXY)THIOBENZOIC ACID S-(2-DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE * WIN 4510

TOXICITY DATA AND REFERENCES:

3F12H02J30	ivn-mus LD50:353 ug/kg	JPETAB 123,269,58

DG2625000 BENZOIC ACID, 2-AMINO-3-HYDROXY-
UPDT:8408 CAS: 548-93-6 MW: 153.15 MOLFM: C7-H7-N-O3
SYN: 2-AMINO-3-HYDROXYBENZOIC ACID * ANTHRANILIC ACID, 3-HYDROXY- * 3-HYDROXYANTHRANILIC ACID * 3-HYDROXY ANTHRANILSAEURE (German) * 3-OHAA * 3-OXYANTHRANILIC ACID

MUTATION DATA AND REFERENCES:

	cyt-hmn-emb 30 mg/L	BEXBAN 67,200,69
	cyt-hmn-leu 100 mg/L	TSITAQ 15,1505,73
	cyt-mus-scu 400 mg/kg	TGANAK 2,538,68
	cyt-ham-fbr 125 mg/L/48H	MUREAV 48,337,77
	cyt-mky-scu 1485 mg/kg/57D-I	TSITAQ 15,1505,73
	cyt-mky-kdy 100 mg/L	TSITAQ 15,1505,73

TUMORIGENIC DATA AND REFERENCES:

2V01M60	scu-mus TDLo:1600 mg/kg/8W-I	VOONAW 22(6),47,76
3V03T65J61	scu-mus TDLo:185 mg/kg (13-17D preg)	JCROD7 96,163,80
3V03M60N61	scu-dog TDLo:500 mg/kg/20W-I	VOONAW 26(3),93,80
2V03P61	ims-mus TD :8000 mg/kg/19W-I	KLWOAZ 37,1053,59
2V02M60	imp-mus TD :80 mg/kg	BJCAAI 11,212,57
2V01P61	scu-mus TD :2000 mg/kg/7W-I	PGPKAB 14,12,69
3V03J61L60	scu-mus TD :121 mg/kg/21D-I	JCROD7 96,163,80

TOXICITY DATA AND REFERENCES:

	imp-mus TDLo:160 mg/kg	ANYAA9 108,924,63

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZOIC ACID, 4-AMINO-2-HYDROXY- see: VO1225000
BENZOIC ACID, 4-AMINO-2-HYDROXY-, CALCIUM SALT (2:1) (9CI) see: VO1470000
BENZOIC ACID, 4-AMINO-2-HYDROXY-, ETHYL ESTER (9CI) see: VO1625000

DG2800800 BENZOIC ACID, 4-((6-((AMINOIMINOMETHYL)AMINO)-1-OXOHEXYL)OXY)-, ETHYL ESTER, MONOMETHANESULFONATE
UPDT:8408 CAS: 56974-61-9 MW: 417.53 MOLFM: C16-H23-N3-O4 C-H4-O3-S
SYN: ETHYL p-(6-GUANIDINOHEXANOYLOXY) BENZOATE METHANESULFONATE * FOY * GABEXATE MESILATE * GABEXATE MESYLATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	ivn-rat TDLo:24 mg/kg (9-14D preg)	OYYAA2 9,743,75
1T12	ivn-rat TDLo:560 mg/kg (14D pre)	OYYAA2 9,743,75
2T34T46	ivn-mus TDLo:600 mg/kg (7-12D preg)	OYYAA2 9,743,75
1T02	ivn-mus TDLo:1680 mg/kg (56D male)	OYYAA2 9,743,75

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:6480 mg/kg	OYYAA2 9,743,75
*	scu-rat LD50:4020 mg/kg	OYYAA2 9,743,75
*	ivn-rat LD50:79 mg/kg	OYYAA2 9,743,75
*	orl-mus LD50:8000 mg/kg	IYXEDH 8,680,877
*	scu-mus LD50:4550 mg/kg	OYYAA2 9,743,75
*	ivn-mus LD50:248 mg/kg	OYYAA2 9,743,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG2800900 BENZOIC ACID, 2-(AMINOIMINOMETHYL)HYDRAZIDE, SULFATE (2:1)
UPDT:8408 CAS: 38261-22-2 MW: 454.52 MOLFM: C16-H20-N8-O2 H2-O4-S

TOXICITY DATA AND REFERENCES:

2F12J30	ivn-mus LD50:208 mg/kg	YKKZAJ 92,471,72

DG2805000 BENZOIC ACID, p-AMINO-, 2-(ISOBUTYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 272.81 MOLFM: C13-H20-N2-O2 Cl-H
SYN: p-AMINOBENZOIC ACID 2-(ISOBUTYLAMINO)ETHYL ESTER HYDROCHLORIDE * METABUTHETAMINE * UNACAINE

TOXICITY DATA AND REFERENCES:

	scu-mus LD50:450 mg/kg	JACSAT 66,1448,44

BEST COPY AVAILABLE

DG2848000 BENZOIC ACID, 4-AMINO-2-ISOPROPOXY-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 330.90 MOLFM: C16-H26-N2-O3 . Cl-H
SYN: 4-AMINO-2-ISOPROPOXYBENZOIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE * WIN 4071

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5732 ug/kg JAPMA8 44,393,55

BENZOIC ACID, 2-AMINO-, METHYL ESTER (9CI) see: CB3325000
BENZOIC ACID, p-AMINO-, alpha-(MORPHOLINOMETHYL)BENZYL ESTER, HYDROCHLORIDE, HEMIHYDRATE see: QE3688000
BENZOIC ACID, 2-AMINO-4-NITRO- (9CI) see: CB3675000

DG3016000 BENZOIC ACID, 4-AMINO-2-PENTYLOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 MW: 358.96 MOLFM: C18-H30-N2-O3 . Cl-H
SYN: 4-AMINO-2-PENTYLOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2754 ug/kg JAPMA8 44,393,55

DG3016500 BENZOIC ACID, 4-AMINO-2-PENTYLOXYTHIO-, S-(2-(DIETHYLAMINO)ETHYL) ESTER, MONOHYDROCHLORIDE
UPDT:8406 MW: 375.02 MOLFM: C18-H30-N2-O2-S . Cl-H
SYN: 4-AMINO-2-PENTYLOXYTHIOBENZOIC ACID S-2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * WIN 5334

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:494 ug/kg JAPMA8 44,393,55

BENZOIC ACID, 2-AMINO-, 2-PHENYLETHYL ESTER see: CB3720000
BENZOIC ACID, p-AMINO-, alpha-(PIPERIDINOMETHYL)BENZYL ESTER, HYDROCHLORIDE see: TM9575000

DG3065000 BENZOIC ACID, 3-AMINO-4-PROPOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 330.90 MOLFM: C16-H26-N2-O3 . Cl-H
SYN: 3-AMINO-4-PROPOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * beta-(DIETHYLAMINO)ETHYL 3-AMINO-4-n-PROPOXYBENZOATE HYDROCHLORIDE * 2-DIETHYLAMINOETHYL 3-AMINO-4-PROPOXYBENZOATE HYDROCHLORIDE * KERACAINE * PROXYMETACAINE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:64 mg/kg APFRAD 40,133,82
3F12H02J30 ivn-mus LD50:3371 ug/kg JPETAB 123,269,58

DG3066000 BENZOIC ACID, 4-AMINO-2-PROPOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8406 CAS: 550-83-4 MW: 330.90 MOLFM: C16-H26-N2-O3 . Cl-H
SYN: 4-AMINO-2-PROPOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * PROPOXYCAINE HYDROCHLORIDE * RAVOCAINE HYDROCHLORIDE * WIN 3459

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:80 mg/kg APFRAD 40,133,82
3F12H02J30 ivn-mus LD50:7417 ug/kg JPETAB 123,269,58

DG3067000 BENZOIC ACID, 4-AMINO-2-PROPOXY-, 3-PIPERIDINOPROPYL ESTER, DIHYDROCHLORIDE
UPDT:8406 MW: 393.40 MOLFM: C18-H28-N2-O3 . 2Cl-H
SYN: 4-AMINO-2-PROPOXYBENZOIC ACID 3-PIPERIDINOPROPYL ESTER DIHYDROCHLORIDE * WIN 3591

TOXICITY DATA AND REFERENCES:
3F12H02J30 ivn-mus LD50:3683 ug/kg JPETAB 123,269,58

DG3067500 BENZOIC ACID, 4-AMINO-2-PROPOXYTHIO-, S-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROGEN PHOSPHATE
UPDT:8406 MW: 408.50 MOLFM: C16-H26-N2-O2-S . H3-O4-P
SYN: 4-AMINO-2-PROPOXYTHIOBENZOIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROGEN PHOSPHATE * WIN 3766

TOXICITY DATA AND REFERENCES:
3F12H02J30 ivn-mus LD50:697 ug/kg JPETAB 123,269,58

DG3067600 BENZOIC ACID, 4-AMINO-2-PROPOXYTHIO-, 2-(2-METHYLPIPERIDINO)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8406 MW: 409.46 MOLFM: C18-H28-N2-O2-S . 2Cl-H
SYN: 4-AMINO-2-PROPOXYTHIOBENZOIC ACID 2-(2-METHYLPIPERIDINO)ETHYL ESTER DIHYDROCHLORIDE * WIN 4336

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:535 ug/kg JAPMA8 44,393,55

DG3067700 BENZOIC ACID, 4-AMINO-2-PROPOXYTHIO-, S-(2-(PIPERIDINO)ETHYL) ESTER, MONOHYDROCHLORIDE
UPDT:8406 MW: 358.97 MOLFM: C17-H26-N2-O2-S . Cl-H
SYN: 4-AMINO-2-PROPOXYTHIOBENZOIC ACID S-(2-(PIPERIDINO)ETHYL) ESTER HYDROCHLORIDE * WIN 4205

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:771 ug/kg JAPMA8 44,393,55

DG3067800 BENZOIC ACID, 4-AMINO-2-PROPOXYTHIO-, 3-PIPERIDINOPROPYL ESTER, DIHYDROCHLORIDE
UPDT:8406 MW: 409.46 MOLFM: C18-H28-N2-O2-S . 2Cl-H
SYN: 4-AMINO-2-PROPOXYTHIOBENZOIC ACID 3-PIPERIDINOPROPYL ESTER DIHYDROCHLORIDE * WIN 4338

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1217 ug/kg JAPMA8 44,393,55

BENZOIC ACID, m-AMINO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE see: UY1225800
BENZOIC ACID, p-AMINO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE, HYDRATE see: UY1225900
BENZOIC ACID, p-AMINO-, beta-(1-PYRROLIDINYL)PHENETHYL ESTER HYDROCHLORIDE see: UY1225850

DG3100300 BENZOIC ACID, 4-AMINO-2-SULFAMOYL-, ISOPROPYL ESTER
UPDT:8406 CAS: 320-90-1 MW: 258.32 MOLFM: C10-H14-N2-O4-S
SYN: 4-AMINO-2-SULFAMOYLBENZOIC ACID ISOPROPYL ESTER * GMH-SC2 * ISOPROPYL 4-AMINO-2-SULFAMOYLBENZOATE

TOXICITY DATA AND REFERENCES:
2F07F18 ipr-rat LDLo:300 mg/kg JPMSAE 54,474,65

BENZOIC ACID, 4-(AMINOSULFONYL)- (9CI) see: DH6820000
BENZOIC ACID, 3-(AMINOSULFONYL)-5-(BUTYLAMINO)-4-PHENOXY- see: DG4910000
BENZOIC ACID, 5-(AMINOSULFONYL)-4-CHLORO-2-((2-FURANYLMETHYL)AMINO)- (9CI) see: CB2625000

DG3102000 BENZOIC ACID, 3-(AMINOSULFONYL)-4-PHENOXY-5-(PYRROLIDINYL)-
UPDT:8403 CAS: 55837-27-9 MW: 362.43 MOLFM: C17-H18-N2-O5-S
SYN: 3-(AMINOSULFONYL)-4-PHENOXY-5-(1-PYRROLIDINYL) BENZOIC ACID * AREUX * MOE 318 * 4-PHENOXY-3-(PYRROLIDINYL)-5-SULFAMOYLBENZOIC ACID * PIRETANIDE * S 73 4118

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5601 mg/kg DRFUD4 2,393,77
orl-mu LD50:3672 mg/kg DRFUD4 2,393,77

DG3328000 BENZOIC AICD, p-AMINOTHIO-, S-(2-(DIETHYLAMINO)ETHYL) ESTER, DIHYDROCHLORIDE
UPDT:8406 MW: 325.33 MOLFM: C13-H20-N2-O-S . 2Cl-H
SYN: p-AMINOTHIOBENZOIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER DIHYDROCHLORIDE * THIOCAINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:9925 ug/kg JAPMA8 44,393,55

DG3329000 BENZOIC ACID, p-AMINOTHIO-, S-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE
UPDT:8406 MW: 286.87 MOLFM: C13-H20-N2-O-S . Cl-H
SYN: p-AMINOTHIOBENZOIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE * NEOCAINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:3500 ug/kg APFRAD 40,133,82

BENZOIC ACID, 2-(AMINOTHIOXOMETHYL)HYDRAZIDE (9CI) see: VT3157000

DG3345000 BENZOIC ACID, (1-(4-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-1,2,3,4,6,11-HEXAHYDRO-2,5,12-TRIHYDROXY-7-METHOXY-6,11-DIOXO-2-NAPHTHACENYL)ETHYLIDENE)HYDRAZIDE, (2S-cis)-
UPDT:8405 CAS: 54683-27-9 MW: 665.72 MOLFM: C34-H35-N3-O10
SYN: BENZOYLHYDRAZONE DAUNORUBICIN * DAUNOMYCIN BENZOYLHYDRAZONE * RUBIDAZONE * ZORUBICIN

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate EJCODS 19,641,83
mmo-sat 10 ug/plate EJCODS 19,641,83
dni-hmo-ath 500 ug/L CCPHDZ 2,31,79
ams-hmo-ath 500 ug/L CCPHDZ 2,31,79

DG3349000 BENZOIC ACID, 3-AMINO-2,4,6-TRIIODO-
UPDT:8405 CAS: 3119-15-7 MW: 514.82 MOLFM: C7-H4-I3-N-O2
SYN: ACIDO 3-AMINO-2,4,6-TRIIODOBENZOICO (Italian) * 3-AMINO-2,4,6-TRIIODO-BENZOIC ACID

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:1450 mg/kg JAPMA8 42,721,53
* ivn-mus LD50:800 mg/kg FRPSAX 18,33,63

DG3378000 BENZOIC ACID, AMMONIUM SALT
UPDT:8401 CAS: 1863-63-4 MW: 139.17 MOLFM: C7-H9-O2-N
SYN: AMMONIUM BENZOATE * AMMONIUM BENZOATE (DOT) * NA 9000 (DOT) * USAF/OC AB

STANDARDS & REGULATIONS:
★ DOT-HAZARD Class 8, LABEL:NONE CFRG88 49,172,101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY [illegible]

DG3380000 BENZOIC ACID, 6-((ANTIPYRYL)AMINO METHYL)-, SODIUM SALT
UPDT:8306 CAS: 56913-36-7 MW: 338.30 MOLFM: C18-H17-N3-O3 . Na
SYN: 6-((ANTIPYRINYL)AMINO)METHYL BENZOIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:2300 mg/kg APFRAD 35,489,77

DG3400000 BENZOIC ACID, 4-ARSINO-
UPDT:7901 CAS: 1197-38-8 MW: 196 MOLFM: C7-H5-As-O2
SYN: ARSINE, (HYDROXYCARBOXYPHENYL)- p-ARSINO-BENZOIC ACID

TOXICITY DATA AND REFERENCES:
ivn-rbt LD50:2800 ug/kg JPETAB 80,93,44

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air TWA 500 ug/cu m3 FEREAC 39,23540,74

DG3420000 BENZOIC ACID, (3-(p-ARSONOPHENYL)UREIDO)ETHIO-
UPDT:8312 MW: 412.22 MOLFM: C14-H13-As-N2-O4-S2
SYN: (3-(p-ARSONOPHENYL)UREIDO)THIOBENZOIC ACID * SUPHOCARSAMINOL p-CARBAMIDOPHENYLARSENOUS OXIDE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:850 mg/kg FEPRA7 6,306,47
* ipr-rat LD50:70 mg/kg FEPRA7 6,306,47
* ipr-mus LD50:265 mg/kg FEPRA7 6,306,47

BENZOIC ACID AZIDE see: DM6478960

DG3495000 BENZOIC ACID, 4-BENZAMIDO-3,5-DIIODO-
UPDT:8401 MW: 491.04 MOLFM: C14-H9-I2-N-O3
SYN: 4-BENZAMIDO-3,5-DIIODOBENZOIC ACID * BENZOYLAMINO-3,5-DIIODOBENZOIC ACID

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:625 mg/kg JAPMA8 42,721,53

DG3505000 BENZOIC ACID, 3-BENZAMIDO-2,4,6-TRIIODO-
UPDT:8405 MW: 618.93 MOLFM: C14-H8-I3-N-O3
SYN: 3-BENZAMIDO-2,4,6-TRIIODOBENZOIC ACID * 3-BENZOYLAMINO-2,4,6-TRIIODOBENZOIC ACID

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:1000 mg/kg JAPMA8 42,721,53

DG3520000 BENZOIC ACID, p-((1-BENZIMIDAZOLYLMETHYL)AMINO)-, HYDRAZIDE
UPDT:8312 CAS: 36837-45-3 MW: 281.32 MOLFM: C15-H15-N5-O
SYN: p-((1-BENZIMIDAZOLYLMETHYL)AMINO)BENZOIC ACID HYDRAZIDE

TOXICITY DATA AND REFERENCES:
3F13F17F19 ipr-mus LD50:250 mg/kg JPMSAE 61,1322,72

DG3700000 BENZOIC ACID, 4-((2-(BENZOYLAMINO)-3-(4-HYDROXYPHENYL)-1-OXOPROPYL)AMINO)-, (S)-
UPDT:8403 CAS: 3710-97-1 MW: 404.45 MOLFM: C23-H20-N2-O5
SYN: BENTIROMIDE * (S)-p-(alpha-BENZAMIDO-p-HYDROXYHYDROCINNAMAMIDO)BENZOIC ACID * 4-((2-(BENZOYLAMINO)-3-(4-HYDROXYPHENYL)-1-OXOPROPYL)AMINO)BENZOIC ACID * (S)-4-((2-(BENZOYLAMINO)-3-(4-HYDROXYPHENYL)-1-OXOPROPYL)AMINO)BENZOIC ACID * p-((N-BENZOYL-L-TYROSYL)AMINO)-BENZOIC ACID * BENZOYLTYROSYL-p-AMINOBENZOIC ACID * N-BENZOYL-L-TYROSYL-p-AMINOBENZOIC ACID * BTPABA * CHEMEX * E 2663 * PPT

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:2000 mg/kg IYREDH 11,181,80
* ivn-rat LD50:485 mg/kg IYREDH 11,181,80
* ipr-mus LD50:1650 mg/kg IYREDH 11,181,80
* rm-mus LD50:1020 mg/kg IYREDH 11,181,80

BENZOIC ACID, 4-BENZOYL-1-METHYL-4-PIPERIDYL ESTER see: PC4936000 METHANONE, (4-(BENZOYLOXY)-1-METHYL-4-PIPERIDINYL)PHENYL-, conjugate monoacid

DG4200000 BENZOIC ACID, BENZYL ESTER
UPDT:8408 CAS: 120-51-4 MW: 212.26 MOLFM: C14-H12-O2
SYN: ASCABIN * ASCABIOL * BENYLATE * BENZOIC ACID, PHENYLMETHYL ESTER * BENZYL ALCOHOL BENZOIC ESTER * BENZYL BENZENECARBOXYLATE * BENZYL BENZOATE * BENZYLETS * BENZYL PHENYLFORMATE * COLEBENE * NOVOSCABIN * PERUSCABIN * SCABANICA * VANZOATE * VENZOINATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg FMCHA2 -,C30,83
skn-rat LD50:4000 mg/kg JPETAB 93,26,48
orl-mus LD50:1400 mg/kg JPETAB 93,26,48
orl-cat LD50:2240 mg/kg JPETAB 84,358,45
* orl-rbt LD50:1680 mg/kg FCTXAV 11,1015,73
* skn-rbt LD50:4000 mg/kg FCTXAV 11,1015,73
orl-gpg LD50:1000 mg/kg JPETAB 93,26,48

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG4255000 BENZOIC ACID, p-(3-BENZYL-3-METHYL-1-TRIAZENO)-
UPDT:8403 CAS: 65307-38-4 MW: 269.33 MOLFM: C15-H15-N3-O2
SYN: p-(3-BENZYL-3-METHYL-1-TRIAZENO)BENZOIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:674 mg/kg JPMSAE 66,1416,77

DG4398000 BENZOIC ACID, 3,5-BIS(BROMOMETHYL)-, 2-(DIMETHYLAMINO)ETHYL ESTER
UPDT:8308 MW: 379.13 MOLFM: C13-H17-Br2-N-O2
SYN: 3,5-BIS(BROMOMETHYL)BENZOIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER * 3,5-DIBROMOMETHYLBENZOYL DIMETHYLAMINOETHANOL

MUTATION DATA AND REFERENCES:
mmo-sat 20 gm/L ABBIA4 165,297,74

BENZOIC ACID, 3-BIS(2-CHLOROETHYL)AMINO-4-METHYL- see: KU1594000
BENZOIC ACID, 3-(N,N-BIS(2-CHLOROPROPYL)AMINO)-4-METHYL- see: KU1637000

DG4448400 BENZOIC ACID, 2-BROMO-, 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER, conjugate monoacid
UPDT:8408 CAS: 71266-44-9 MW: 402.32 MOLFM: C20-H20-Br-N-O3

Syns: 2-BROMOBENZOIC ACID, 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER conjugate monoacid

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:165 mg/kg SCPHA4 48,117,H0

BENZOIC ACID, 2-BROMO-6-(N-(p-BROMOPHENYL)THIOCARBAMOYL)-4-CHLORO- see: VN8230000

DG4449200 BENZOIC ACID, o-BROMO-, ESTER with 3-HYDROXY-1-METHYL-3-PIPERIDYL PHENYL KETONE, MONOHYDROCHLORIDE, (+-)-

UPDT:8311 CAS: 33422-90-3 MW: 438.78 MOLFM: C20-H20-Br-N-O3 Cl-H

SYN: (+-)-1-METHYL-3-BENZOYL-3-(o-BROMOBENZOYLOXY)PIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1F29 scu-mus LD50:165 mg/kg JPMSAE 60,685,71

DG4449800 BENZOIC ACID, m-BROMOMETHYL-, 2-(DIMETHYLAMINO)ETHYL ESTER

UPDT:8308 MW: 286.20 MOLFM: C12-H16-Br-N-O2

SYN: m-BROMOMETHYLBENZOIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER * m-BROMOMETHYLBENZOYL DIMETHYLAMINOETHANOL

MUTATION DATA AND REFERENCES:

mmo-sat 20 gm/L ABBIA4 165,297,74

DG4449810 BENZOIC ACID, p-BROMOMETHYL-, 2-(DIMETHYLAMINO)ETHYL ESTER

UPDT:8308 MW: 287.21 MOLFM: C12-H17-Br-N-O2

SYN: p-BROMOMETHYLBENZOIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER * p-BROMOMETHYLBENZOYL DIMETHYLAMINOETHANOL

MUTATION DATA AND REFERENCES:

mmo-sat 20 gm/L ABBIA4 165,297,74

DG4457600 BENZOIC ACID, p-BUTOXY-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE

UPDT:8412 CAS: 2350-32-5 MW: 329.91 MOLFM: C17-H27-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:192 mg/kg JPPMAB 6,119,54

DG4457700 BENZOIC ACID, p-sec-BUTOXY-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE

UPDT:8410 MW: 329.91 MOLFM: C17-H27-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:442 mg/kg JPPMAB 6,119,54

DG4457800 BENZOIC ACID, p-BUTOXY-, 3-DIETHYLAMINOPROPYL ESTER, HYDROCHLORIDE

UPDT:8410 MW: 343.94 MOLFM: C18-H29-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:192 mg/kg JPPMAB 6,119,54

DG4457900 BENZOIC ACID, p-BUTOXY-, 2-DIMETHYLAMINOETHYL ESTER, HYDROCHLORIDE

UPDT:8410 MW: 301.85 MOLFM: C15-H23-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:258 mg/kg JPPMAB 6,119,54

DG4457950 BENZOIC ACID, p-sec-BUTOXY-, 2-DIMETHYLAMINOLTHYL ESTER, HYDROCHLORIDE

UPDT:8410 MW: 301.85 MOLFM: C15-H23-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:542 mg/kg JPPMAB 6,119,54

DG4590000 BENZOIC ACID, p-BUTOXY-, 3-(2-METHYLPIPERIDINO)PROPYL ESTER, HYDROCHLORIDE

UPDT:8302 CAS: 67032-45-5 MW: 369.98 MOLFM: C20-H31-N-O3 Cl-H

SYN: p-BUTOXYBENZOIC ACID 3-(2-METHYLPIPERIDINO)PROPYL ESTER HYDROCHLORIDE * C-10

IRRITATION DATA AND REFERENCES:

skn-rbt 1% MLD AIPTAK 137,410,62

eye-rbt 2500 ppm MLD AIPTAK 137,410,62

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:73600 ug/kg AIPTAK 137,410,62

scu-mus LD50:177 mg/kg JACSAT 68,2592,46

ivn-mus LD50:22 mg/kg JACSAT 68,2592,46

DG4700050 BENZOIC ACID, p-BUTOXY-, 2-(1-PYRROLIDINYL)ETHYL ESTER, HYDROCHLORIDE

UPDT:8410 MW: 327.89 MOLFM: C17-H25-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:242 mg/kg JPPMAB 6,119,54

BENZOIC ACID, p-BUTOXY-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE see: UY1226300

DG4700300 BENZOIC ACID, p-BUTOXY-, 3-(1-PYRROLIDINYL)PROPYL ESTER, HYDROCHLORIDE

UPDT:8412 MW: 341.92 MOLFM: C18-H27-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:142 mg/kg JPPMAB 6,119,54

DG4708000 BENZOIC ACID, p-tert-BUTYL-

UPDT:8408 CAS: 98-73-7 MW: 178.25 MOLFM: C11-H14-O2

SYN: p-tert-BUTYL BENZOIC ACID * TBBA

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02 ihl-rat TCLo:520 mg/m3/4H (1D male) EPASR* 8EHQ-0382-0440S

2T01T02 ihl-rat TCLo:495 mg/m3/4H (7D male) TOXID9 4,191,84

2T01T02 skn-rat TDLo:4550 mg/kg (65D male) TOXID9 4,146,84

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:735 mg/kg FCTXAV 3,289,65

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983.

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0382-0440 S.

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG4713000 BENZOIC ACID, p-BUTYLAMINO-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8407 CAS: 16488-48-5 MW: 328.93 MOLFM: C17-H28-N2-O2 Cl-H

SYN: BENZOE-DIAETHYL (German) * p-BUTYLAMINOBENZOIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER MONOHYDROCHLORIDE * HYDROCHLORID SALZ des p-N-n-BUTYLAMINO-BENZOESAURE-DIAETHYLAMINOAETHYLESTERS (German)

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:27 mg/kg ARZNAD 1,218,51

3F18J25J30 scu-rat LD50:22500 ug/kg OYYAA2 9,413,75

ivn-rat LD50:4 mg/kg ARZNAD 1,218,51

orl-mus LD50:156 mg/kg OYYAA2 9,413,75

scu-mus LD50:140 mg/kg ARZNAD 1,218,51

3F18J25J30 ivn-mus LD50:4900 ug/kg OYYAA2 9,413,75

3F18J25J30 ivn-rbt LD50:2400 ug/kg OYYAA2 9,413,75

DG4725000 BENZOIC ACID, p-(DIETHYLAMINO)-, 2-(DIMETHYLAMINO)ETHYL ESTER

UPDT:8405 CAS: 94-24-6 MW: 264.41 MOLFM: C15-H24-N2-O2

SYN: AMETHOCAINE * AMETAIN * BENZOIC ACID, 4-(BUTYLAMINO)-, 2-(DIMETHYLAMINO)ETHYL ESTER * p-(BUTYLAMINO)BENZOIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER * p-BUTYLAMINOBENZOYL 2-DIMETHYLAMINOETHANOL * CONTRALGIN * DICAIN * DICAINE * DIKAIN * DIMETHYLAMINOETHYL p-BUTYLAMINOBENZOATE * 2-DIMETHYLAMINOETHYL p-BUTYLAMINOBENZOATE * FISSUCAIN * INTERCAIN * LANDOCAINE * LAUDOCAINE * MEDICAINE * MEDIHALER-TETRACAINE * METHOBALM * METRASPRAY * MUCAESTHIN * NIPHANOID * PANTOCAINE * PONTOCAINE * READOCAINE * TETRACAINE * UROMUCAESTHIN

MUTATION DATA AND REFERENCES:

dnd-esc 30 umol/L MUREAV 89,95,81

dns-hmn-hlg 1 umol/L BCPCA6 14,205,65

TOXICITY DATA AND REFERENCES:

ivn-rat LD50:6 mg/kg ARZNAD 8,539,58

ipr-mus LD50:20 mg/kg RPTOAN 25,114,72

scu-mus LD50:25 mg/kg PHTXA6 20,521,57

ivn-mus LD50:6 mg/kg EJMCA5 10,391,75

scu-rbt LDLo:20 mg/kg AEPPAE 160,53,31

ivn-rbt LDLo:6 mg/kg AEPPAE 160,53,31

* par-rbt LD50:33500 ug/kg ARZNAD 26,78,76

* itr-rbt LD50:6500 ug/kg ARZNAD 26,78,76

par-frg LDLo:200 mg/kg AEPPAE 168,447,32

REVIEW AND REFERENCES:

TC, "...OLOGY REVIEW: PHREA7 12,190,32

BENZOIC ACID, 4-(BUTYLAMINO)-, 2-(DIMETHYLAMINO)ETHYL ESTER see: DG4725000

DG4900000 BENZOIC ACID, p-(BUTYLAMINO)-, 2-(DIMETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8412 CAS: 136-47-0 MW: 300.87 MOLFM: C15-H24-N2-O2 Cl-H

SYN: AMETHOCAINE HYDROCHLORIDE * ANACEL * ANETHAINE * BUTETHANOL * p-(BUTYLAMINO)BENZOIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE * p-BUTYLAMINOBENZOYL-2-DIMETHYLAMINOETHANOL HYDROCHLORIDE * BUTYLOCAINE * CURTACAIN * DECICAINE * DECICAIN * DIKAIN HYDROCHLORIDE * 2-DIMETHYLAMINOETHANOL 4-N-BUTYLAMINOBENZOATE HYDROCHLORIDE * 2-(DIMETHYLAMINO)ETHYL p-(BUTYLAMINO)BENZOATE HYDROCHLORIDE * GINGICAIN M * MENONASAL * PANTOCAINE HYDROCHLORIDE * PONTOCAINE HYDROCHLORIDE * STERILE TETRACAINE HYDROCHLORIDE * TETRACAINE HYDROCHLORIDE * TONEXOL

IRRITATION DATA AND REFERENCES:

eye-rbt 2% MOD ARZNAD 8,181,58

TOXICITY DATA AND REFERENCES:

3F19J22J25 ipr-rat LD50:23500 ug/kg OYYAA2 9,413,75

3F19J22J25 scu-rat LD50:24 mg/kg OYYAA2 9,413,75

3F12F18J22 ivn-rat LD50:4500 ug/kg OYYAA2 9,413,75

3F18J25J30 orl-mus LD50:160 mg/kg OYYAA2 9,413,75

3F19J22J25 ipr-mus LD50:32 mg/kg OYYAA2 9,413,75

3F19J22J25 scu-mus LD50:28 mg/kg OYYAA2 9,413,75

3F12F18J22 ivn-mus LD50:6600 ug/kg OYYAA2 9,413,75

* ivn-rbt LD50:2150 ug/kg NIIRDN 6,490,82

isp-rbt LDLo:5 mg/kg JPETAB 57,221,36

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DG4905200 BENZOIC ACID, p-(BUTYLAMINO)-, 2-(METHYL(2-(METHYLTHIO)ETHYL)AMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8305 MW: 360.99 MOLFM: C17-H28-N2-O2-S Cl-H

SYN: AM 88 * p-(BUTYLAMINO)BENZOIC ACID 2-(METHYL(2-(METHYLTHIO)ETHYL)AMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* scu-rat LD50:116 mg/kg AIPTAK 139,281,62

* ivn-rat LD50:3500 mg/kg AIPTAK 139,281,62

DG4910000 BENZOIC ACID, 3-(BUTYLAMINO)-4-PHENOXY-5-SULFAMOYL-

UPDT:8403 CAS: 28395-03-1 MW: 364.45 MOLFM: C17-H20-N2-O5-S

SYN: 3-(AMINOSULFONYL)-5-(BUTYLAMINO)-4-PHENOXYBENZOIC ACID * BENZOIC ACID, 3-(AMINOSULFONYL)-5-(BUTYLAMINO)-4-PHENOXY- * BUMETANIDE * BUMEX * BURINEX * 3-(BUTYLAMINO)-4-PHENOXY-5-SULFAMOYLBENZOIC ACID * FONTEGO * FORDIURAN * LUNETORON * PF 1593 * RO 10-6338 * SEGUREX

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:1000 mg/kg IYKEDH 7,614,76

* orl-mus LD50:4624 mg/kg NIIRDN 6,683,82

* ipr-mus LD50:519 mg/kg IYKEDH 7,614,76

* scu-mus LD50:1660 mg/kg NIIRDN 6,683,82

* ivn-mus LD50:330 mg/kg MEIEDD 10,205,83

* orl-rbt LD50:350 mg/kg PMESAJ 51(Suppl 6),14,75

* ivn-rbt LD50:70 mg/kg PMESAJ 51(Suppl 6),14,75

* ivn-mam LD50:6200 ug/kg JCPCBR 21,543,81

DG4911100 BENZOIC ACID, p-(2-(BUTYLAMINO)PROPIONAMIDO)-, ETHYL ESTER, HYDROCHLORIDE

UPDT:8408 MW: 328.88 MOLFM: C16-H24-N2-O3 Cl-H

SYN: p-(2-(BUTYLAMINO)PROPIONAMIDO)BENZOIC ACID ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:300 mg/kg YKKZAJ 82,783,62

DG4911700 BENZOIC ACID, p-(3-(p-tert-BUTYLBENZYL)-3-METHYL-1-TRIAZENO)-

UPDT:8403 CAS: 65542-20-3 MW: 325.45 MOLFM: C19-H23-N3-O2

SYN: p-(3-(p-tert-BUTYLBENZYL)-3-METHYL-1-TRIAZENO)BENZOIC ACID

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:571 mg/kg JPMSAE 66,1416,77

BENZOIC ACID, 1-BUTYL-3-CARBETHOXY-4-PIPERIDYL ESTER HYDROBROMIDE see: TM6128600

DG4913000 BENZOIC ACID, p-tert-BUTYL-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE

UPDT:8406 MW: 313.91 MOLFM: C17-H27-N-O2 Cl-H

SYN: p-tert-BUTYLBENZOIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE

IRRITATION DATA AND REFERENCES:

eye-rbt 1% MLD JAPMAB 42,685,53

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:214 mg/kg JAPMAB 42,685,53

DG4913100 BENZOIC ACID, p-tert-BUTYL-, 2-DIETHYLAMINOPROPYL ESTER, HYDROCHLORIDE

UPDT:8406 MW: 327.94 MOLFM: C18-H29-N-O2 Cl-H

SYN: p-tert-BUTYLBENZOIC ACID 2-DIETHYLAMINOPROPYL ESTER HYDROCHLORIDE

IRRITATION DATA AND REFERENCES:

eye-rbt 1% MLD JAPMAB 42,685,53

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:159 mg/kg JAPMAB 42,685,83

DG4913200 BENZOIC ACID, p-tert-BUTYL-, 3-DIETHYLAMINOPROPYL ESTER, HYDROCHLORIDE

UPDT:8406 MW: 327.94 MOLFM: C18-H29-N-O2 Cl-H

SYN: p-tert-BUTYLBENZOIC ACID 3-DIETHYLAMINOPROPYL ESTER HYDROCHLORIDE

IRRITATION DATA AND REFERENCES:

eye-rbt 1% MLD JAPMAB 42,685,53

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:245 mg/kg JAPMAB 42,685,53

DG4925000 BENZOIC ACID, BUTYL ESTER

UPDT:8412 CAS: 136-60-7 MW: 178.25 MOLFM: C11-H14-O2

SYN: BUTYL BENZOATE * n-BUTYL BENZOATE

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54

skn-rbt 500 mg open MOD UCDS** 10/15/58

eye-rbt 500 mg open AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:5140 mg/kg AMIHBC 10,61,54

skn-rbt LD50:4000 mg/kg NPIRI* 2,7,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983.

DG4929000 BENZOIC ACID, p-tert-BUTYL-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE

UPDT:8406 MW: 325.92 MOLFM: C18-H27-N-O2 Cl-H

SYN: p-tert-BUTYLBENZOIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE * 1-PIPERIDINEETHANOL p-tert-BUTYLBENZOATE, HYDROCHLORIDE

IRRITATION DATA AND REFERENCES:

eye-rbt 5000 ppm MLD JAPMAB 42,685,53

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:145 mg/kg JAPMAB 42,685,53

BENZOIC ACID, p-tert-BUTYL-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER HYDROCHLORIDE see: UY1226400

DG4973500 BENZOIC ACID, 3-BUTYRAMIDO-2,4,6-TRIIODO-
UPDT:8405 MW: 584.92 MOLFM: C11-H10-I3-N-O3
SYN: 3-BUTYRAMIDO-2,4,6-TRIIODOBENZOIC ACID * 3-BUTYRYLAMINO-2,4,6-TRIIODOBENZOIC ACID
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:4800 ug/kg JAPMAB 42,721,53

BENZOIC ACID, CHLORIDE see: DM6600000

DG4976600 BENZOIC ACID, m-CHLORO-, AZOXYDIMETHYLENE ESTER, (E)-
UPDT:8406 MW: 383.20 MOLFM: C16-H12-Cl2-N2-O5
SYN: (E)-AZOXYBIS(METHYLENE) BIS(3-CHLOROBENZOATE) * m-CHLOROBENZOIC ACID, trans-AZOXYDIMETHYLENE ESTER
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate TELEAY 24,2819,83

DG4976800 BENZOIC ACID, 2-CHLORO-, 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER, conjugate monoacide
UPDT:8409 CAS: 71266-43-8 MW: 357.86 MOLFM: C20-H20-Cl-N-O3
SYN: 2-CHLOROBENZOIC ACID 4-BENZOYL 1-METHYL 4-PIPERIDINYL ESTER conjugate monoacid
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:190 mg/kg SCPHA4 48,117,80

DG4977000 BENZOIC ACID, p-(3-(p-CHLOROBENZYL)-3-METHYL-1-TRIAZENO)-
UPDT:8403 CAS: 63542-14-5 MW: 303.77 MOLFM: C15-H14-Cl-N3-O2
SYN: p-(3-(p-CHLOROBENZYL)-3-METHYL-1-TRIAZENO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:430 mg/kg JPMSAE 66,1416,77

BENZOIC ACID, 3-CHLORO-2,6-DIHYDROXY-4-METHYL- see: VH3708450

DG4996300 BENZOIC ACID, 2-CHLORO-5-(3,5-DIMETHYLPIPERIDINOSULFONYL)-
UPDT:8401 CAS: 37087-94-8 MW: 331.84 MOLFM: C14-H18-Cl-N-O4-S
SYN: 2-CHLORO-5-(3,5-DIMETHYLPIPERIDINOSULPHONYL)BENZOIC ACID * TIBRIC ACID
MUTATION DATA AND REFERENCES:
dni-mus:oth 500 umol/L CNREAB 40,36,80
TUMORIGENIC DATA AND REFERENCES:
2VOYL60 orl-rat TDLo:39 gm/kg/71W-C NATUAS 283,397,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG4997700 BENZOIC ACID, o-CHLORO-, ESTER with 3-HYDROXY-1-METHYL-3-PIPERIDYL PHENYL KETONE, MONOHYDROCHLORIDE, (+-)-
UPDT:8311 CAS: 33422-69-0 MW: 394.32 MOLFM: C20-H20-Cl-N-O3 Cl-H
SYN: (+-)-1-METHYL-3-BENZOYL-3-(o-CHLOROBENZOYLOXY)PIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 scu-mus LD50:190 mg/kg JPMSAE 60,685,71

DG4999500 BENZOIC ACID, 5-CHLORO-3-ETHYL-2-HYDROXY-
UPDT:8403 CAS: 53347-09-4 MW: 200.63 MOLFM: C9-H9-Cl-O3
SYN: 5-CHLORO-3-ETHYL-2-HYDROXYBENZOIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg PHARAT 30,147,75

BENZOIC ACID, 5-CHLORO-2-HYDROXY- see: VO2080000

BENZOIC ACID, 3-CHLORO-2-HYDROXYPROPYL ESTER see: TY4203100

DG5065000 BENZOIC ACID, p-CHLORO-, IMIDAZOL-4-YLMETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8303 CAS: 18429-75-9 MW: 273.13 MOLFM: C11-H9-Cl-N2-O2 Cl-H
SYN: p-CHLOROBENZOIC ACID IMIDAZOL-4-YLMETHYL ESTER HYDROCHLORIDE * IMIDAZOLE 4-METHANOL, p-CHLOROBENZOATE (ester), HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F05F17U26 ipr-mus LD50:500 mg/kg PCJOAU 2,360,68

BENZOIC ACID, p-(CHLOROMERCURI)- see: OV8050000

DG5105000 BENZOIC ACID, 2-(7-CHLORO-1-METHYL-2-OXO-5-PHENYL-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-3-YL)- HYDRAZIDE
UPDT:8311 MW: 418.91 MOLFM: C23-H19-Cl-N4-O2
SYN: 1-METHYL-7-CHLORO-5-BENZOYLHYDRAZINO-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-2-ONE
TOXICITY DATA AND REFERENCES:
3F02F05F07 orl-mus LD50:800 mg/kg PCJOAU 16,617,82

BENZOIC ACID, 2-((3-CHLORO-2-METHYLPHENYL)AMINO)- (9CI) see: CB2687500

DG5550000 BENZOIC ACID, p-(6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-CARBOXAMIDO)-
UPDT:8306 CAS: 27455-38-5 MW: 343.73 MOLFM: C17-H10-Cl-N-O5
SYN: p-(6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-CARBOXAMIDO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg APFRAD 31,313,73

DG5602000 BENZOIC ACID, 2-(7-CHLORO-2-OXO-5-PHENYL-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-3-YL)HYDRAZIDE
UPDT:8311 MW: 376.86 MOLFM: C22-H17-Cl-N4-O2
SYN: 2-(7-CHLORO-2-OXO-5-PHENYL-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-3-YL)HYDRAZIDE of BENZOIC ACID * 7-CHLORO-5-PHENYL-3-BENZOYLHYDRAZINO-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-2-ONE
TOXICITY DATA AND REFERENCES:
3F02F05F07 orl-mus LD50:800 mg/kg PCJOAU 16,617,82

DG5620600 BENZOIC ACID, o-((p-CHLOROPHENYL)DITHIO)-
UPDT:8402 CAS: 25562-43-0 MW: 296.79 MOLFM: C13-H9-Cl-O2-S2
SYN: o-((p-CHLOROPHENYL)DITHIO)BENZOIC ACID
MUTATION DATA AND REFERENCES:
dni-rat-lym 100 umol/L CBINAB 23,215,78

BENZOIC ACID, o-CHLORO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE see: UY1227000

BENZOIC ACID, p-CHLORO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER HYDROCHLORIDE see: UY1227100

BENZOIC ACID, 2-((7-CHLORO-4-QUINOLINYL)AMINO)-, 2,3-DIHYDROXYPROPYL ESTER see: CB2687000

DG5642700 BENZOIC ACID, 5-(CHLOROSULFONYL)-2,4-DICHLORO-
UPDT:8309 MW: 290.52 MOLFM: C7-H4-Cl3-O4-S
SYN: 5-(CHLOROSULFONYL)-2,4-DICHLOROBENZOIC ACID * 2,4-DICHLORO-5-CHLOROSULPHONYLBENZOIC ACID
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD FCTOD7 20,563,82
eye-rbt 100 mg SEV FCTOD7 20,573,82
eye-rbt 100 mg/45 rns SEV FCTOD7 20,573,82

BENZOIC ACID, CINNAMYL ESTER see: UD5520000

DG5644200 BENZOIC ACID, p-(3-(p-CYANOBENZYL)-3-METHYL-1-TRIAZENO)-
UPDT:8403 CAS: 63542-16-7 MW: 294.34 MOLFM: C16-H14-N4-O2
SYN: p-(3-(p-CYANOBENZYL)-3-METHYL-1-TRIAZENO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:712 mg/kg JPMSAE 66,1416,77

DG5644400 BENZOIC ACID, (CYANOHYDROXYMETHYL)-, ETHYL ESTER
UPDT:8311 MW: 205.23 MOLFM: C11-H11-N-O3
SYN: CARBETHOXYMANDELONITRILE * (CYANOHYDROXYMETHYL)BENZOIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:34860 ug/kg JPMSAE 52,63,63

DG5644600 BENZOIC ACID, 4-(CYANO-NNO-AZOXY)-
UPDT:8303 CAS: 54723-08-9 MW: 191.16 MOLFM: C8-H5-N3-O3
SYN: ACIDE CALVATIQUE (French) * CALVATIC ACID * CALVATINIC ACID * p-CARBOXYPHENYLAZOXYCYANIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg 85ERAY 3,2031,78
* unk-mus LD50:50 mg/kg 85GDA2 6,233,81

DG5644800 BENZOIC ACID, p-(2-CYCLOHEXEN-1-YLOXY)-, 3-(2-METHYL-1-PYRROLIDINYL)PROPYL ESTER, HYDROCHLORIDE
UPDT:8303 MW: 379.97 MOLFM: C21-H29-N-O3 Cl-H
SYN: p-(2-CYCLOHEXEN-1-YLOXY)BENZOIC ACID 3-(2-METHYL-1-PYRROLIDINYL)PROPYL ESTER * U-1804
IRRITATION DATA AND REFERENCES:
skn-rbt 2500 ppm MLD AIPTAK 137,410,62
eye-rbt 2500 ppm MLD AIPTAK 137,410,62
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:182 mg/kg AIPTAK 137,410,62

BENZOIC ACID, (2-(CYCLOHEXYLAMINO)-1-METHYL)ETHYL ESTER, HYDROCHLORIDE see: UA9800000

DG5676000 BENZOIC ACID, p-(CYCLOHEXYLOXY)-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8410 MW: 355.95 MOLFM: C19-H29-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:258 mg/kg JPPMAB 6,119,54

DG5677000 BENZOIC ACID, p-(CYCLOHEXYLOXY)-, 2-DIMETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8410 MW: 327.89 MOLFM: C17-H25-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:275 mg/kg JPPMAB 6,119,54

DG5775010 BENZOIC ACID, p-(CYCLOHEXYLOXY)-, 3-(2-METHYLPIPERIDINO)PROPYL ESTER, METHYL SULFATE
UPDT:8405 MW: 470.66 MOLFM: C22-H33-N-O3 C-H3-O4-S
SYN: p-(CYCLOHEXYLOXY)BENZOIC ACID 3-(2-METHYLPIPERIDINO)PROPYL ESTER METHYL SULFATE * CYCLOMETHYCAINE METHYL SULFATE * SUBFACAINE METHYL SULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:28800 ug/kg TXAPA9 1,454,56

DG5791000 BENZOIC ACID, 4-(CYCLOPENTYLMETHYL)-
UPDT:8401 CAS: 37874-97-8 MW: 204.29 MOLFM: C13-H16-O2
SYN: 4-CYCLOPENTYLMETHYLBENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX# 10092

DG5850000 BENZOIC ACID, 4-((6-DEOXY-alpha-L-MANNOPYRANOSYL)AMINO)-, MONOSODIUM SALT
UPDT:8305 CAS: 72880-68-9 MW: 306.30 MOLFM: C13-H17-N-O6 Na
SYN: 4-((6-DEOXY-alpha-L-MANNOPYRANOSYL)AMINO)BENZOIC ACID SODIUM SALT * SODIUM p-AMINOBENZOATE-N-L-RHAMNOSIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:12800 mg/kg BAXXDU, #2029698
* ipr-mus LD50:15 gm/kg BAXXDU, #2029698

BENZOIC ACID, 3,5-DIACETAMIDO-2,4,6-TRIIODO-, compd. with 1-DEOXY-1-(METHYLAMINO)-D-GLUCITOL see: LZ4315000

DG6125000 BENZOIC ACID, 3,5-DIACETAMIDO-2,4,6-TRIIODO-, MONOSODIUM SALT
UPDT:8405 CAS: 737-31-5 MW: 635.90 MOLFM: C11-H8-I3-N2-O4 Na
SYN: 3,5-DIACETAMIDO-2,4,6-TRIIODOBENZOIC ACID SODIUM SALT * 3,5-DIACETYLAMINO-2,4,6-TRIJODOBENZOSAEURE NATRIUM (German) * DIATRIZOATE SODIUM SALT * HYPAQUE * HYPAQUE 50 * HYPAQUE SODIUM * SODIUM AMIDOTRIZOATE * SODIUM 3,5-DIACETAMIDO-2,4,6-TRIIODOBENZOATE * SODIUM DIACETYLDIAMINETRIIODOBENZOATE * SODIUM DIATRIZOATE * TRIOMBRIN * TRIOMBRINE * UROVISON * WIN 8308.3
MUTATION DATA AND REFERENCES:
mnt-hmn:lym 40 mg/L RADLAX 129,199,78
cyt-hmn:lym 2000 ppm RADLAX 129,199,78
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:14700 mg/kg AEPPAE 222,584,54
ivn-mus LD50:1600 mg/kg JPETAB 116,394,56
ivn-dog LD50:13200 mg/kg JPETAB 116,394,56
ivn-cat LD50:11300 mg/kg CLDND*
ivn-rbt LD50:12200 mg/kg JPETAB 116,394,56

DG6140000 BENZOIC ACID, 3,5-DIACETYLAMINO-2,4,6-TRIIODO-, compd. with 1-DEOXY-1-(METHYLAMINO)-D- GLUCITOL
UPDT:8405 MW: 809.17 MOLFM: C11-H9-I3-N2-O4 C7-H17-N-O5
SYN: 3,5-DIACETYLAMINO-2,4,6-TRIJODBENZOSAEURE METHYLGLUCAMIN (German)
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:14700 mg/kg AEPPAE 222,584,54

DG6241000 BENZOIC ACID, 5-((4'-((2,6-DIAMINO-3-((8-HYDROXY-3,6-DISULFO-7-((4-SULFO-1-NAPHTHALENYL)AZO)- 2-NAPHTHALENYL)AZO)-5-METHYLPHENYL)AZO)(1,1'-BIPHENYL)-4-YL)AZO)-2-HYDROXY-, TETRASODIUM SALT
UPDT:8412 CAS: 2629-81-4 MW: 1123.04 MOLFM: C46-H34-N10-O13-S3 4Na
MUTATION DATA AND REFERENCES:
mmo-sat 300 nmol/plate MUREAV 136,33,84
mmo-sat 10 nmol/plate MUREAV 136,33,84

DG6241500 BENZOIC ACID, 5-((4'-((2,6-DIAMINO-3-METHYL-5-((4-SULFOPHENYL)AZO)PHENYL)AZO)(1,1'-BIPHENYL)- 4-YL)AZO)-2-HYDROXY-, DISODIUM SALT
UPDT:8412 CAS: 2586-58-5 MW: 696.70 MOLFM: C32-H26-N8-O6-S 2Na
MUTATION DATA AND REFERENCES:
mmo-sat 30 nmol/plate MUREAV 136,33,84
mmo-sat 10 nmol/plate MUREAV 136,33,84

DG6330000 BENZOIC ACID, p-(DIBUTYLSULFAMOYL)-
UPDT:8406 MW: 313.45 MOLFM: C15-H23-N-O4-S
SYN: p-(DIBUTYLSULFAMOYL)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:22 mg/kg PHARAT 38,102,83

BENZOIC ACID, 3,5-DICHLORO-2,6-DIHYDROXY-4-METHYL- see: VH3708820

DG7450000 BENZOIC ACID, 2-(p-((DI-2-CHLOROETHYL)AMINO)PHENYLAZO)-
UPDT:8408 MW: 366.27 MOLFM: C17-H17-Cl2-N3-O2
SYN: 4-DI-2-CHLOROETHYLAMINOAZOBENZENE 2'-CARBOXYLIC ACID
MUTATION DATA AND REFERENCES:
sln-dmg-par 194 ng BCPCA6 5,206,60

DG7506000 BENZOIC ACID, 3,6-DICHLORO-2-METHOXY-, mixt. with (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID
UPDT:8309 CAS: 8003-31-4 MW: 421.67 MOLFM: C9-H9-Cl-O3 C8-H6-Cl2-O3
SYN: BANDEA N * BANVEL M * DAMBE * DICAMBA-MCPA mixt * GABONIL * MCPA-DICAMBA mixt * MONDAK HERBICIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2034 mg/kg FMCHA2 -,C161,83

DG7506100 BENZOIC ACID, 3,6-DICHLORO-2-METHOXY-, mixt. with (2,4-DICHLOROPHENOXY)ACETIC ACID
UPDT:8309 CAS: 8068-77-7 MW: 442.08 MOLFM: C8-H6-Cl2-O3 C8-H6-Cl2-O3
SYN: AMINOPRELIK D * BANVEL 720 * BANVEL 720 * BANVEL 2,4-D mixture * 2,4-D DICAMBA mixt * DICAMBA 2,4-D mix * SUPER D
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg FMCHA2 -,C24,83

DG7506200 BENZOIC ACID, 3,6-DICHLORO-2-METHOXY-, compd. with N-METHYLMETHANAMINE (1:1), mixt. with N-METHYLMETHANAMINE 2-(4-CHLORO-2-METHYLPHENOXY)PROPANOATE and N-METHYLMETHANAMINE (2,4-DICHLOROPHENOXY)ACETATE
UPDT:8412 CAS: 8077-38-1 MW: 687.83 MOLFM: C10-H11-Cl-O3 C8-H6-Cl2-O3 C8-H6-Cl2-O3 C2-H7-N

SYN: TREX-SAN * TRIMEC
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1060 mg/kg FMCHA2 -,C241,83

DG7525000 BENZOIC ACID, 3,6-DICHLORO-2-METHOXY-
UPDT:8411 CAS: 1918-00-9 MW: 221.04 MOLFM: C8-H6-Cl2-O3
SYN: ACIDO (3,6-DICLORO-2-METOSSI)-BENZOICO (Italian) * o-ANISIC ACID, 3,6-DICHLORO- * BANEX * BANLEN * BANVEL * BANVEL CST * BANVEL D * BANVEL HERBICIDE * BANVEL II HERBICIDE * BANVEL 4S * BANVEL 4WS * BRUSH BUSTER * COMPOUND B DICAMBA * DIANAT (Russian) * DIANATE * DICAMBA * DICAMBA (DOT) * DICAMBE * 3,6-DICHLOOR-2-METHOXY-BENZOEIZUUR (Dutch) * 3,6-DIKLHLOR-3-METHOXY-BENZOESAEURE (German) * 3,6-DICHLORO-o-ANISIC ACID * 2,5-DICHLORO-6-METHOXYBENZOIC ACID * 3,6-DICHLORO-2-METHOXYBENZOIC ACID * MDBA * MEDIBEN * 2-METHOXY-3,6-DICHLOROBENZOIC ACID * NA 2769 (DOT) * VELSICOL COMPOUND R * VELSICOL 58-CS-11
MUTATION DATA AND REFERENCES:
mma-sat 53500 nmol/L MUREAV 136,233,84
dnr-esc 5 mg/disc NTIS** PB80-133226
dnr-bcs 5 mg/disc NTIS** PB80-133226
cyt-mus-unk 500 mg/kg TGANAK 16(1),45,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1040 mg/kg RREVAH 10,97,65
orl-mus LD50:1190 mg/kg HYSAAV 35(7-9),14,70
* unk-mus LD50:700 mg/kg TGANAK 16(1),45,82
orl-rbt LD50:2000 mg/kg HYSAAV 35(7-9),14,70
orl-gpg LD50:3000 mg/kg HYSAAV 35(7-9),14,70
unk-mam LD50:1000 mg/kg 30ZDA9 -,147,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DG7525100 BENZOIC ACID, 3,6-DICHLORO-2-METHOXY-, SODIUM SALT
UPDT:8309 MW: 243.02 MOLFM: C8-H5-Cl2-O3-Na
SYN: 3,6-DICHLORO-2-METHOXYBENZOIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6764 mg/kg FMCHA2 -,C24,83

BENZOIC ACID, 2-((2,6-DICHLORO-3-METHYLPHENYL)AMINO)- (9CI) see: CB2900000
BENZOIC ACID, 2-((2,6-DICHLORO-3-METHYLPHENYL)AMINO)-, ETHOXYMETHYL ESTER (9CI) see: CB2975100

DG7700000 BENZOIC ACID, 3,4-DICHLORO-, 3-(2-METHYLPIPERIDINO)PROPYL ESTER
UPDT:8309 CAS: 3478-94-2 MW: 330.28 MOLFM: C16-H21-Cl2-N-O2
SYN: EL 211 * gamma-(2-METHYLPIPERIDINO)PROPYL 3,4-DICHLOROBENZOATE * 3-(2-METHYLPIPERIDINO)PROPYL 3,4-DICHLOROBENZOATE * PIPERALIN * 1-PIPERIDINEPROPANOL, 2-METHYL-, 3,4-DICHLOROBENZOATE (ESTER) * PIPRON
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg FMCHA2 -,C188,83
orl-gpg LD50:1560 mg/kg PCOC** -,911,66

BENZOIC ACID, 3,4-DICHLORO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE see: UY1227200

DG8100000 BENZOIC ACID, 2,4-DICHLORO-5-SULFAMOYL-
UPDT:8309 MW: 270.09 MOLFM: C7-H5-Cl2-N-O4-S
SYN: 2,4-DICHLORO-5-SULFAMOYLBENZOIC ACID * 2,4-DICHLORO-5-SULPHAMOYLBENZOIC ACID
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg SEV FCTOD7 20,573,82
eye-rbt 100 mg/45 rns MLD FCTOD7 20,573,82

BENZOIC ACID, DIESTER with DIPROPYLENE GLYCOL see: UB8787500
BENZOIC ACID DIESTER with TRIMETHYLOLETHANE see: TY4960000
BENZOIC ACID DIETHYLAMIDE see: CV4202000
BENZOIC ACID N,N-DIETHYLAMIDE see: CV4202000

DG8465000 BENZOIC ACID, p-(2-(DIETHYLAMINO)ACETAMIDO)-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8408 MW: 314.85 MOLFM: C15-H22-N2-O3-Cl-H
SYN: p-(2-(DIETHYLAMINO)ACETAMIDO)BENZOIC ACID ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3 gm/kg YKKZAJ 82,783,62

BENZOIC ACID, 2-(2-(DIETHYLAMINO)ETHYLCARBAMOYLMETHOXY)-3-ISOPROPYL-6-METHYL-, METHYL ESTER see: GZ5980000

DG8546100 BENZOIC ACID, o-(3-(DIETHYLAMINO)-2-HYDROXYPROPOXY)-, HYDROCHLORIDE
UPDT:8405 MW: 331.88 MOLFM: C16-H25-N-O4-Cl-H
SYN: o-(3-(DIETHYLAMINO)-2-HYDROXYPROPOXY)BENZOIC ACID HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg EJMCA5 10,607,75

DG8546200 BENZOIC ACID, o-(3-(DIETHYLAMINO)-2-HYDROXYPROPYLAMINO)-, METHYL ESTER, DIHYDROCHLORIDE
UPDT:8405 MW: 353.33 MOLFM: C15-H24-N2-O3-2Cl-H
SYN: o-(3-(DIETHYLAMINO)-2-HYDROXYPROPYLAMINO)BENZOIC ACID METHYL ESTER DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg EJMCA5 10,607,75

DG8546500 BENZOIC ACID, p-(2-((DIETHYLAMINO)METHYL)BUTOXY)-, p-METHOXYPHENYL ESTER, HYDROCHLORIDE
UPDT:8303 CAS: 3737-72-2 MW: 422.01 MOLFM: C23-H31-N-O4-Cl-H
SYN: p-(2-((DIETHYLAMINO)METHYL)BUTOXY)BENZOIC ACID p-METHOXYPHENYL ESTER HYDROCHLORIDE * U-0290
IRRITATION DATA AND REFERENCES:
skn-rbt 2500 ppm MLD AIPTAK 137,410,62
eye-rbt 2500 ppm MLD AIPTAK 137,410,62
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:479 mg/kg AIPTAK 137,410,62

DG8555400 BENZOIC ACID, p-(2-(DIETHYLAMINO)PROPIONAMIDO)-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8408 MW: 328.88 MOLFM: C16-H24-N2-O3-Cl-H
SYN: p-(2-(DIETHYLAMINO)PROPIONAMIDO)BENZOIC ACID ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3 gm/kg YKKZAJ 82,783,62

DG8558000 BENZOIC ACID, 6-(7-(2,5-DIETHYLOCTAHYDRO-5'-(1-HYDROXYETHYL)-4-METHYL(2,2'-BIFURAN)-5-YL)- 4-HYDROXY-3,5-DIMETHYL-6-OXONONYL-2-HYDROXY-3-METHYL-, (2S-(2-alpha(2'S*,5'R*(S*)),5-alpha, 6-beta(3S*,4R*,5R*,7S*)))
UPDT:8309 CAS: 54156-67-1 MW: 590.88 MOLFM: C34-H54-O8
SYN: ISOLASALOCID A
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg 37ASAA 3,47,78
ipr-mus LD50:250 mg/kg 37ASAA 3,47,78

DG8558300 BENZOIC ACID, p-(DIETHYLSULFAMOYL)-
UPDT:8406 MW: 257.33 MOLFM: C11-H15-N-O4-S
SYN: p-(DIETHYLSULFAMOYL)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:96 mg/kg PHARAT 38,102,83

DG8559000 BENZOIC ACID, 2,6-DIFLUORO-
UPDT:8401 CAS: 385-00-2 MW: 158.11 MOLFM: C7-H4-F2-O2
SYN: 2,6-DIFLUOROBENZOIC ACID
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate PCBPBS 10,174,79

DG8576200 BENZOIC ACID, 5-(4,5-DIHYDRO-2-PHENYL-3H-BENZ(e)INDOL-3-YL)-2-HYDROXY-
UPDT:8405 CAS: 53597-27-6 MW: 381.45 MOLFM: C25-H19-N-O3
SYN: ALNOVIN * 3-(3-CARBOXY-4-HYDROXYPHENYL)-2-PHENYL-4,5-DIHYDRO-3H-BENZ(e)INDOLE * 5-(4,5-DIHYDRO-2-PHENYL-3H-BENZ(e)INDOL-3-YL)-2-HYDROXYBENZOIC ACID * 5-(4,5-DIHYDRO-2-PHENYL-3H-BENZ(e)INDOL-3-YL)SALICYLIC ACID * FENDOSAL * FENDOZAL * HP 129 * P 71-0129
TOXICITY DATA AND REFERENCES:
3F12F17U01 orl-rat LD50:450 mg/kg AGACBH 8,209,78
3F12F17U01 orl-mus LD50:740 mg/kg AGACBH 8,209,78
3F12F17U01 ipr-mus LD50:510 mg/kg AGACBH 8,209,78
3F12F17U01 orl-rbt LD50:560 mg/kg AGACBH 8,209,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOIC ACID, 2,4-DIHYDROXY- (9CI) see: VH3708050
BENZOIC ACID, 2,5-DIHYDROXY- see: LY3850000
BENZOIC ACID, 3,5-DIHYDROXY- (9CI) see: VH3708000

DG8577000 BENZOIC ACID, 3,4-DIHYDROXY-5-METHOXY-, 2-(AMINOIMINOMETHYL)HYDRAZIDE, SULFATE (2:1) (salt)
UPDT:8408 CAS: 35607-26-2 MW: 578.58 MOLFM: C18-H24-N8-O8-H2-O4-S
SYN: 3,4-DIHYDROXY-5-METHOXYBENZOIC ACID 2-(AMINOIMINOMETHYL)HYDRAZIDE SULFATE (2:1) * 3,4-DIHYDROXY-5-METHOXYBENZOYL AMINOGUANIDINE HEMISULFATE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:210 mg/kg YKKZAJ 92,417,72

BENZOIC ACID, 2,6-DIHYDROXY-4-METHYL- see: VH3709600
BENZOIC ACID, 2,5-DIHYDROXY-, MONOSODIUM SALT (9CI) see: LY3860000

DG8589900 BENZOIC ACID, o-(2,3-DIHYDROXYPROPOXY)-, ETHYL ESTER
UPDT:8405 MW: 240.28 MOLFM: C12-H16-O5
SYN: o-(2,3-DIHYDROXYPROPOXY)BENZOIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:20 gm/kg EJMCA5 10,607,75

DG8597000 BENZOIC ACID, 4-(3,5-DIIODOBENZENESULFONAMIDO)-
UPDT:8405 MW: 529.09 MOLFM: C13-H9-I2-N-O4-S
SYN: 4-(3,5-DIIODOBENZENESULFONAMIDO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMA8 43,495,54

DG8597490 BENZOIC ACID, 3,5-DIIODO-2-HYDROXY-
UPDT:8405 MW: 389.91 MOLFM: C7-H4-I2-O3
SYN: 3,5-DIIODO-2-HYDROXYBENZOIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg JAPMA8 43,495,54

DG8597500 BENZOIC ACID, 3,5-DIIODO-4-HYDROXY-
UPDT:8405 MW: 389.91 MOLFM: C7-H4-I2-O3
SYN: 3,5-DIIODO-4-HYDROXYBENZOIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4000 mg/kg JAPMA8 43,495,54
2F05F17 ipr-mus LD50:1000 mg/kg JMPCAS 2,213,60

DG8597600 BENZOIC ACID, 4-(3,5-DIIODO-4-HYDROXYBENZAMIDO)-
UPDT:8405 MW: 509.04 MOLFM: C14-H9-I2-N-O4
SYN: 4-(4-HYDROXY-3,5-DIIODOBENZAMIDO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMA8 43,495,54

DG8597650 BENZOIC ACID, 4-(3,5-DIIODO-4-HYDROXYBENZENESULFONAMIDO)-
UPDT:8405 MW: 529.09 MOLFM: C13-H9-I2-N-O4-S
SYN: 4-(3,5-DIIODO-4-HYDROXYBENZENESULFONAMIDO)BENZOIC ACID * 4-(4-HYDROXY-3,5-DIIODOBENZENESULFONAMIDO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMA8 43,495,54

DG8597800 BENZOIC ACID, 2,5-DIIODO-, SODIUM SALT
UPDT:8405 MW: 395.89 MOLFM: C7-H3-I2-O2-Na
SYN: 2,5-DIIODOBENZOIC ACID SODIUM SALT * SODIUM 2,5-DIIODOBENZOATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg JAPMA8 43,495,54

DG8597850 BENZOIC ACID, 3-(3,5-DIIODOSULFANILAMIDO)-
UPDT:8405 MW: 544.11 MOLFM: C13-H10-I2-N2-O4-S
SYN: 3-(3,5-DIIODOSULFANILAMIDO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4000 mg/kg JAPMA8 43,495,54

DG8597860 BENZOIC ACID, 4-(3,5-DIIODOSULFANILAMIDO)-
UPDT:8405 MW: 544.11 MOLFM: C13-H10-I2-N2-O4-S
SYN: 4-(3,5-DIIODOSULFANILAMIDO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMA8 43,495,54

DG8670000 BENZOIC ACID, 3,5-DIMETHOXY-, alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER
UPDT:8309 MW: 357.49 MOLFM: C21-H27-N-O4
SYN: 3,5-DIMETHOXYBENZOIC ACID alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:750 mg/kg JACSAT 81,203,59

BENZOIC ACID, 2,4-DIMETHOXY-3,6-DIMETHYL-, 4-CARBOXY-3-HYDROXY-2,5-DIMETHYLPHENYL ESTER see: VH3708850

DG8712000 BENZOIC ACID, 4,5-DIMETHOXY-3-HYDROXY-, 2-(AMINOIMINOMETHYL)HYDRAZIDE SULFATE (2:1) (salt)
UPDT:8410 CAS: 35607-24-0 MW: 606.64 MOLFM: C20-H28-N8-O8-H2-O4-S
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:44300 ug/kg YKKZAJ 92,471,72

DG8730500 BENZOIC ACID, 3,4-DIMETHOXY-5-(PHENYLMETHOXY)-, 2-(AMINOIMINOMETHYL)HYDRAZIDE, SULFATE (2:1)
UPDT:8412 CAS: 35607-25-1 MW: 786.90 MOLFM: C34-H40-N8-O8-H2-O4-S
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:32500 ug/kg YKKZAJ 92,471,72

DG8731000 BENZOIC ACID, 2-((3-(3,4-DIMETHOXYPHENYL)-1-OXO-2-PROPENYL)AMINO)-
UPDT:8411 CAS: 53902-12-8 MW: 327.36 MOLFM: C18-H17-N-O5
SYN: ANTHRANILIC ACID, N-(3,4-DIMETHOXYCINNAMOYL)- * N-(3,4-DIMETHOXYCINNAMOYL)ANTHRANILIC ACID * N-(3,4-DIMETHOXYCINNAMOYL)ANTHRANILIC ACID * N-5 * RIZABEN * TRANILAST
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1TE1 orl-rat TDLo:1100 mg/kg (7-17D preg) IYKEDH 9,161,78
1T76 orl-rat TDLo:5400 mg/kg (17-22D preg/21D post) IYKEDH 9,173,78
1T75 orl-rat TDLo:16200 mg/kg (17-22D preg/21D post) IYKEDH 9,173,78
1T46 orl-rat TDLo:8500 mg/kg (9W male/2W pre-7D preg) IYKEDH 9,148,78
1T25 orl-rbt TDLo:9750 mg/kg (6-18D preg) IYKEDH 9,187,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1100 mg/kg IYKEDH 13,1128,82

BEST COPY AVAILABLE

* ipr-rat LD50:395 mg/kg IYKEDH 13,1128,82
* scu-rat LD50:3060 mg/kg IYKEDH 13,1128,82
* orl-mus LD50:680 mg/kg OYYAA2 19,503,80
* ipr-mus LD50:385 mg/kg OYYAA2 19,503,80
* scu-mus LD50:2630 mg/kg IYKEDH 13,1128,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG8736000 BENZOIC ACID, 2-((2-((2-DIMETHYLAMINO)BENZOYL)AMINO-3-HYDROXYBENZOYL)AMINO)-, 4-((ACETYLOXY) METHYL)-1a,2,5,5a,6,9,10,10a-OCTAHYDRO-5,5a-DIHYDROXY-1,1,7,9-TETRAMETHYL-11-OXO-1H-,2a,8a-METHANOCYCLOPENTA(a)CYCLOPROPA(e)CYCLODECEN-6-YL ESTER, (1aR-(1a-alpha,2-alpha,5-beta, 5a-beta,6-beta,8a-alpha,9-alpha,10a-alpha))-, HYDROCHLORIDE

UPDT:8401 CAS: 34291-10-1 MW: 791.97 MOLFM: C45-H69-N3-O10
SYN: MILLIAMINE A HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:642 ug/kg KAKTAF 50,2005,77

DG8960000 BENZOIC ACID, 2-((4-DIMETHYLAMINO)PHENYLAZO)-

UPDT:8403 CAS: 493-52-7 MW: 269.33 MOLFM: C15-H15-N3-O2
SYN: 2-CARBOXY-4'-(DIMETHYLAMINO)AZOBENZENE * C.I. 13020 * C.I. ACID RED 2 * p-(DIMETHYLAMINO)AZOBENZENE-o-CARBOXYLIC ACID * 4'-DIMETHYLAMINOAZOBENZENE-2-CARBOXYLIC ACID * o-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZOIC ACID * 2-((4-DIMETHYLAMINO)PHENYL)AZO)BENZOIC ACID * METHYL RED

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 56,249,78
dnr-bcs 2 mg/disc TRENAF 27,153,76

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:12 gm/kg/57W-C BJCAAI 9,310,55

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,161,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG8965000 BENZOIC ACID, 3-((4-DIMETHYLAMINO)PHENYL AZO)-

UPDT:8401 CAS: 20691-84-3 MW: 269.33 MOLFM: C15-H15-N3-O2
SYN: 3'-CARBOXY-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:12 gm/kg/57W-C BJCAAI 9,310,55

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3757 mg/kg NEOLA4 27,237,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG8968000 BENZOIC ACID, p-(2-(DIMETHYLAMINO)PROPIONAMIDO)-, ETHYL ESTER, HYDROCHLORIDE

UPDT:8405 MW: 300.82 MOLFM: C14-H20-N2-O3 Cl-H
SYN: p-(2-(DIMETHYLAMINO)-PROPIONAMIDO)BENZOIC ACID ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3500 mg/kg YKKZAJ 82,738,62

DG8991000 BENZOIC ACID, p-(N-(1-(DIMETHYLCARBAMOYL)ETHYL)ACETAMIDO)-, ETHYL ESTER

UPDT:8410 MW: 306.40 MOLFM: C16-H22-N2-O4

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:720 mg/kg YKKZAJ 81,659,61

DG8991500 BENZOIC ACID, p-((1-DIMETHYLCARBAMOYL)ETHYL)AMINO)-, ETHYL ESTER

UPDT:8410 MW: 264.36 MOLFM: C14-H20-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1550 mg/kg YKKZAJ 81,659,61

DG8992000 BENZOIC ACID, p-(N-(DIMETHYLCARBAMOYLMETHYL)ACETAMIDO)-, ETHYL ESTER

UPDT:8412 MW: 292.37 MOLFM: C15-H20-N2-O4

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1270 mg/kg YKKZAJ 81,659,61

DG8992500 BENZOIC ACID, p-((DIMETHYLCARBAMOYLMETHYL)AMINO)-, ETHYL ESTER

UPDT:8410 MW: 250.33 MOLFM: C13-H18-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1570 mg/kg YKKZAJ 81,659,61

BENZOIC ACID, 2-((3-(4-(1,1-DIMETHYLETHYL)PHENYL)-2-METHYLPROPYLIDENE)AMINO)-, METHYL ESTER see: CB2559200
BENZOIC ACID, 2-((2,3-DIMETHYLPHENYL)AMINO)- (9CI) see: CB4550000
BENZOIC ACID, 2-(((2,6-DIMETHYLPHENYL)AMINO)CARBONYL)- (9CI) see: THB490000
PHTHALANILICACID, 2',6'-DIMETHYL-

DG9096300 BENZOIC ACID, 2,6-DIMETHYL-4-PROPOXY-, 2-METHYL-2-(1-PYRROLIDINYL)PROPYL ESTER, HYDROCHLORIDE

UPDT:8303 MW: 369.98 MOLFM: C20-H31-N-O3 Cl-H
SYN: 2,6-DIMETHYL-4-PROPOXY-BENZOIC ACID 2-METHYL-2-(1-PYRROLIDINYL)PROPYL ESTER * U-2363

IRRITATION DATA AND REFERENCES:
skn-rbt 5 pph MLD AIPTAK 137,410,62
eye-rbt 5000 ppm MLD AIPTAK 137,410,62

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:55700 mg/kg AIPTAK 137,410,62

DG9096400 BENZOIC ACID, 2,6-DIMETHYL-4-PROPOXY-, 2-(1-PYRROLIDINYL)PROPYL ESTER, HYDROCHLORIDE

UPDT:8303 CAS: 3737-66-4 MW: 355.95 MOLFM: C19-H29-N-O3 Cl-H
SYN: 2,6-DIMETHYL-4-PROPOXY-BENZOIC ACID 2-(1-PYRROLIDINYL)PROPYL ESTER HYDROCHLORIDE * U 2397

IRRITATION DATA AND REFERENCES:
skn-rbt 1 pph MLD AIPTAK 137,410,62
eye-rbt 2500 ppm MLD AIPTAK 137,410,62

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:152 mg/kg AIPTAK 137,410,62

DG9096800 BENZOIC ACID, p-(DIMETHYLSULFAMOYL)-

UPDT:8406 MW: 229.27 MOLFM: C9-H11-N-O4-S
SYN: p-(DIMETHYLSULFAMOYL)BENZOIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:232 mg/kg PHARAT 38,102,83

DG9125000 BENZOIC ACID, p-(3-DIMETHYLTRIAZENO)-, ETHYL ESTER

UPDT:8401 CAS: 21600-51-1 MW: 221.29 MOLFM: C11-H15-N3-O2
SYN: 1(4-CARBETHOXYPHENYL) 3,3 DIMETHYLTRIAZENE * 1-(p-CARBOXYAETYLPHENYL) 3,3-DIMETHYLTRIAZEN (German) * TRIAZENE 1-(p-ETHYLCARBOXYPHENYL) 3,3-DIMETHYL-

MUTATION DATA AND REFERENCES:
sln-dmg-orl 1 mmol/L CBINAB 9,365,74
mrc-smc 10 mmol/L CBINAB 9,365,74
hma-mus/smc 1 mmol/L CBINAB 9,365,74

TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:760 mg/kg/19W-I ARZNAD 23,800,73
3V01M61P62 ivn-rat TDLo:805 mg/kg/23W-I ARZNAD 23,800,73
2V03V10 scu-mus TDLo:760 mg/kg/19W-I ARZNAD 23,800,73

TOXICITY DATA AND REFERENCES:
scu-rat LD50:450 mg/kg ARZNAD 23,800,73
ivn-rat LD50:150 mg/kg ARZNAD 23,800,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DG9131000 BENZOIC ACID, o-(3,3-DIMETHYLTRIAZENO)-, POTASSIUM SALT

UPDT:8402 MW: 231.32 MOLFM: C9-H10-N3-O2-K
SYN: o-(3,3-DIMETHYLTRIAZENO)BENZOIC ACID POTASSIUM SALT * KALCIUM SALZE der o-(3,3-DIMETHYL-1-TRIAZENO)BENZOESAEURE (German) * POTASSIUM SEL de l'ACIDE o-(DIMETHYL-3,3 TRIAZENO-1) BENZOIQUE (French)

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:54 mg/kg EJMCA5 18,401,83

DG9133000 BENZOIC ACID, p-(3,3-DIMETHYL-1-TRIAZENO)-, POTASSIUM SALT

UPDT:8402 MW: 231.32 MOLFM: C9-H10-N3-O2-K
SYN: p-(3,3-DIMETHYL-1-TRIAZENO)BENZOIC ACID POTASSIUM SALT * KALCIUM SALZE der p-(3,3-DIMETHYL-1-TRIAZENO)BENZOESAEURE (German) * POTASSIUM SEL de l'ACIDE p-(DIMETHYL-3,3 TRIAZENO-1) BENZOIQUE (French)

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:290 mg/kg EJMCA5 18,401,83

alpha-1-((1-((1,4-BENZODIOXAN-2-YLMETHYL)AMINO)ETHYL)-p-HYDROXYBENZYL ALCOHOL HYDROCHLORIDE see: DN8330000

DG9282000 BENZOIC ACID, p-(DIPENTYLSULFAMOYL)-

UPDT:8406 MW: 341.51 MOLFM: C17-H27-N-O4-S
SYN: p-(DIPENTYLSULFAMOYL)BENZOIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:12200 ug/kg PHARAT 38,102,83

DG9284000 BENZOIC ACID, o-((DIPHENYLARSINO)THIO)-

UPDT:8208 MW: 387.32 MOLFM: C19-H15-As-O2-S
SYN: o-((DIPHENYLARSINO)THIO)BENZOIC ACID * DIPHENYL-2-CARBOXYPHENYLTHIOARSINITE

TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:20 mg/kg CPBTAL 2,19,54

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
BENZOIC ACID, 4-((DIPROPYLAMINO)SULFONYL)- (9CI) see: DG9400000
BENZOIC ACID, o-DIPROPYLENE GLYCOL DIESTER see: UB8787500

DG9400000 BENZOIC ACID, p-(DIPROPYLSULFAMOYL)-

UPDT:8412 CAS: 57-66-9 MW: 285.39 MOLFM: C13-H19-N-O4-S
SYN: APURINA * BENECID * BENEMID * BENURYL * BENZOIC ACID, 4-((DIPROPYLAMINO)SULFONYL)-(9CI) * 4-((DIPROPYLAMINO)SULFONYL)BENZOIC ACID * p-(DIPROPYLSULFAMOYL)BENZOIC ACID * 4-(DIPROPYLSULFAMOYL)BENZOIC ACID * p-(DIPROPYLSULFAMYL)BENZOIC ACID * ETHAMIDE * NCI-C56097 * PROBECID * PROBEN * PROBENECID * PROBENECID ACID * PROBENEMID * PROLONGINE * SYNERGID R * TUBOPHAN * URICOSID

MUTATION DATA AND REFERENCES:
hma-rat/smc 60 mg/kg MUREAV 28,57,75

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1600 mg/kg MEIEDD 10,1116,83
ipr-rat LDLo:394 mg/kg CLDND*
scu-rat LDLo:611 mg/kg CLDND*
* orl-mus LD50:1666 mg/kg NIIRDN 6,735,82
ipr-mus LD50:1000 mg/kg CPBTAL 16,1655,68
scu-mus LDLo:1156 mg/kg CLDND*
ivn-mus LDLo:458 mg/kg CLDND*
ivn-dog LDLo:230 mg/kg CLDND*

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DG9600000 BENZOIC ACID, 2,2'-DISELENOBIS-

UPDT:8209 CAS: 6512-83-0 MW: 400.16 MOLFM: C14-H10-O4-Se2
SYN: ACIDE DISELENO SALICYLIQUE (French) * DISELENO SALICYLIC ACID * o,o'-SELENOBIS(BENZOIC ACID) * 2,2'-SELENOBIS(BENZOIC ACID)

TOXICITY DATA AND REFERENCES:
2F07F12 ipr-rat LD50:75 mg/kg CRSBAW 172,383,78
2F07F12 ivn-rat LD50:50 mg/kg CRSBAW 172,383,78

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
BENZOIC ACID (DOT) see: DG0875000
BENZOIC ACID ESTRADIOL see: KG4050000

DG9870700 BENZOIC ACID, p-ETHOXY-, 2-(BENZYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8405 MW: 335.86 MOLFM: C18-H21-N-O3 Cl-H
SYN: p-ETHOXYBENZOIC ACID 2-(BENZYLAMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:272 mg/kg JPMSAE 53,134,64

DG9871000 BENZOIC ACID, p-ETHOXY-, 2-(BENZYLMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8405 MW: 349.89 MOLFM: C19-H23-N-O3 Cl-H
SYN: p-ETHOXYBENZOIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:627 mg/kg JPMSAE 53,134,64

DG9871500 BENZOIC ACID, p-ETHOXY-, 2-(BUTYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8405 MW: 301.85 MOLFM: C15-H23-N-O3 Cl-H
SYN: p-ETHOXYBENZOIC ACID 2-(BUTYLAMINO)-ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:239 mg/kg JPMSAE 53,134,64

DG9872950 BENZOIC ACID, p-ETHOXY-, 2-(CYCLOHEXYLAMINO)PROPYL ESTER, HYDROCHLORIDE

UPDT:8412 CAS: 28073-38-3 MW: 340.91 MOLFM: C18-H26-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg OYYAA2 5,683,71

DG9876000 BENZOIC ACID, p-ETHOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8412 CAS: 136-46-9 MW: 301.85 MOLFM: C15-H23-N-O3 Cl-H
SYN: beta-DIETHYLAMINOETHYL-4-ETHOXY BENZOATE HYDROCHLORIDE * p-ETHOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg JPPMAB 6,119,54
scu-mus LDLo:565 mg/kg JPETAB 61,107,37

BENZOIC ACID, o-ETHOXY-, beta-(DIETHYLAMINO)PHENETHYL ESTER see: SG7887000

DG9878100 BENZOIC ACID, p-ETHOXY-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8410 MW: 273.79 MOLFM: C13-H19-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:475 mg/kg JPPMAB 6,119,54

DG9878300 BENZOIC ACID, p-ETHOXY-,(2-(DIMETHYLAMINO)-1-METHYLETHYL) ESTER, HYDROCHLORIDE

UPDT:8405 MW: 287.82 MOLFM: C14-H21-N-O3 Cl-H

BEST COPY AVAILABLE

SYN: p-ETHOXYBENZOIC ACID 2-(DIMETHYLAMINO)-1-METHYLETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:354 mg/kg JPMSAE 53,134,64

DG9878700 BENZOIC ACID, p-ETHOXY-, 2-(ETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 273.79 MOLFM: C13-H19-N-O3 Cl-H
SYN: p-ETHOXYBENZOIC ACID 2-(ETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:270 mg/kg JPMSAE 53,134,64

DG9879000 BENZOIC ACID, 2-ETHOXY-5-FLUORO-, 3-(DIBUTYLAMINO)PROPYL ESTER, HYDROCHLORIDE
UPDT:8305 CAS: 3829-91-2 MW: 389.99 MOLFM: C20-H32-F-N-O3 Cl-H
SYN: 2-ETHOXY-5-FLUOROBENZOIC ACID 3-(DIBUTYLAMINO)PROPYL ESTER HYDROCHLORIDE * FLUORO-5-ETHOXY-2-BENZOATE de gamma-DIBUTYLAMINOPROPYLE CHLORHYDRATE (French)
TOXICITY DATA AND REFERENCES:
3H05J30P01 ivn-mus LD50:25 mg/kg APFRAD 25,481,67

DG9879010 BENZOIC ACID, 4-ETHOXY-3-FLUORO-, 3-(DIBUTYLAMINO)PROPYL ESTER, HYDROCHLORIDE
UPDT:8305 CAS: 3829-92-3 MW: 389.99 MOLFM: C20-H32-F-N-O3 Cl-H
SYN: 4-ETHOXY-3-FLUOROBENZOIC ACID 3-(DIBUTYLAMINO)PROPYL ESTER HYDROCHLORIDE * FLUORO-3-ETHOXY-4-BENZOATE de gamma-DIBUTYLAMINOPROPYLE CHLORHYDRATE (French)
TOXICITY DATA AND REFERENCES:
3H05J30P01 ivn-mus LD50:24 mg/kg APFRAD 25,481,67

DG9879500 BENZOIC ACID, 2-ETHOXY-5-FLUORO-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 CAS: 3829-94-5 MW: 319.84 MOLFM: C15-H22-F-N-O3 Cl-H
SYN: 2-ETHOXY-5-FLUOROBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * FLUORO-5-ETHOXY-2-BENZOATE de beta-DIETHYLAMINOETHYLE CHLORHYDRATE (French)
TOXICITY DATA AND REFERENCES:
3H05J30P01 ivn-mus LD50:80 mg/kg APFRAD 25,481,67

DG9879510 BENZOIC ACID, 4-ETHOXY-3-FLUORO-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8305 CAS: 5710-74-7 MW: 319.84 MOLFM: C15-H22-F-N-O3 Cl-H
SYN: 4-ETHOXY-3-FLUOROBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * FLUORO-3-ETHOXY-4-BENZOATE de beta-DIETHYLAMINOETHYLE CHLORHYDRATE (French)
TOXICITY DATA AND REFERENCES:
3H05J30P01 ivn-mus LD50:72 mg/kg APFRAD 25,481,67

DG9879600 BENZOIC ACID, 4-ETHOXY-3-FLUORO-, 3-(DIETHYLAMINO)PROPYL ESTER, HYDROCHLORIDE
UPDT:8305 CAS: 5710-76-9 MW: 333.87 MOLFM: C16-H24-F-N-O3 Cl-H
SYN: 4-ETHOXY-3-FLUOROBENZOIC ACID 3-(DIETHYLAMINO)PROPYL ESTER HYDROCHLORIDE * FLUORO-3-ETHOXY-4-BENZOATE de gamma-DIETHYLAMINOPROPYLE CHLORHYDRATE (French)
TOXICITY DATA AND REFERENCES:
3H05J30P01 ivn-mus LD50:50 mg/kg APFRAD 25,481,67

DG9879800 BENZOIC ACID, p-ETHOXY-, 2-(ISOBUTYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 301.85 MOLFM: C15-H23-N-O3 Cl-H
SYN: p-ETHOXYBENZOIC ACID 2-(ISOBUTYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:285 mg/kg JPMSAE 53,134,64

DG9879900 BENZOIC ACID, p-ETHOXY-, 2-(ISOPROPYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 287.82 MOLFM: C14-H21-N-O3 Cl-H
SYN: p-ETHOXYBENZOIC ACID 2-(ISOPROPYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:229 mg/kg JPMSAE 53,134,64

DG9884000 BENZOIC ACID, p-ETHOXY-, 2-(METHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 259.76 MOLFM: C12-H17-N-O3 Cl-H
SYN: p-ETHOXYBENZOIC ACID 2-(METHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:319 mg/kg JPMSAE 53,134,64

BENZOIC ACID, 2-((ETHOXY((1-METHYLETHYL)AMINO)PHOSPHINOTHIOYL)OXY)-, 1-METHYL ESTER (9CI) see: VO4395500

BENZOIC ACID, o-ETHOXY-, alpha-(4-METHYL-1-PIPERAZINYLMETHYL)BENZYL ESTER, DIHYDROCHLORIDE see: TL9374000

BENZOIC ACID, o-ETHOXY-, alpha-(PIPERIDINOMETHYL)BENZYL ESTER HYDROCHLORIDE see: TM9660000

BENZOIC ACID, o-ETHOXY-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE see: UY1227300

BENZOIC ACID, p-ETHOXY-, alpha (1-PYRROLIDINYLMETHYL)BENZYL ESTER HYDROCHLORIDE see: UY1227400

DH0175000 BENZOIC ACID, o-(6-(ETHYLAMINO)-3-(ETHYLIMINO)-2,7-DIMETHYL-3H-XANTHEN-9-YL)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8412 CAS: 989-38-8 MW: 479.06 MOLFM: C28-H30-N2-O3 Cl-H
SYN: BASIC RED 1 * BASIC RHODAMINE YELLOW * BASIC RHODAMINIC YELLOW * CALCOZINE RED 6G * CALCOZINE RHODAMINE 6GX * C.I. 45160 * C.I. BASIC RED 1 * C.I. BASIC RED 1, MONOHYDROCHLORIDE * ELCOZINE RHODAMINE 6GDN * ELION PINK TONER * FANAL PINK GFA * FANAL RED 25532 * HELIOSTABLE BRILLIANT PINK B EXTRA * MITSUI RHODAMINE 6GCP * NCI-C56122 * NYCO LIQUID RED GF * RHODAMINE 69DN EXTRA * RHODAMINE F4G * RHODAMINE F5G * RHODAMINE F5G CHLORIDE * RHODAMINE 6G * RHODAMINE 6GB * RHODAMINE 6G (BIOLOGICAL STAIN) * RHODAMINE 6GBN * RHODAMINE 6GCP * RHODAMINE 6GD * RHODAMINE 6GD * RHODAMINE GDN * RHODAMINE 5GDN * RHODAMINE 6 GDN * RHODAMINE 6 GDN EXTRA * RHODAMINE 6GEX ETHYL ESTER * RHODAMINE 6G EXTRA * RHODAMINE 6G EXTRA BASE * RHODAMINE 6GH * RHODAMINE 6GM * RHODAMINE 5GL * RHODAMINE 6G LAKE * RHODAMINE 6GX * RHODAMINE 6JH * RHODAMINE 7JH * RHODAMINE LAKE RED 6G * RHODAMINE Y 20-7425 * RHODAMINE ZH * RHODAMINE 6ZH * SILOSUPER PINK B
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate CNREA8 39,4412,79
dnd-ham-ovr 90 umol/L CNREA8 39,4412,79
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:100 mg/kg/1Y-I GANNA2 47,51,56
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:2 mg/kg CBCCT* 2,62,50
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 16,233,78
STATUS:
NTP CARCINOGENESIS STUDIES: ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DH0188500 BENZOIC ACID, p-((2-ETHYLBENZIMIDAZOL-1-YLMETHYL)AMINO)-, HYDRAZIDE
UPDT:8312 CAS: 36841-33-5 MW: 309.41 MOLFM: C17-H19-N5-O
SYN: p-((2-ETHYLBENZIMIDAZOL-1-YLMETHYL)AMINO)BENZOIC ACID HYDRAZIDE
TOXICITY DATA AND REFERENCES:
1F17 ipr-mus LD50:1000 mg/kg JPMSAE 61,1322,72

DH0200000 BENZOIC ACID, ETHYL ESTER
UPDT:8407 CAS: 93-89-0 MW: 150.19 MOLFM: C9-H10-O2
SYN: BENZOIC ETHER * ESSENCE OF NIOBE * ETHYL BENZOATE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg 24H open MLD AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2100 mg/kg JPETAB 84,358,45
skn-cat LDLo:10 gm/kg JPETAB 84,358,45
orl-rbt LD50:2630 mg/kg JPETAB 84,358,45
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DH0217000 BENZOIC ACID, 3-ETHYL-2-HYDROXY-5-NITRO-
UPDT:8403 CAS: 56911-72-9 MW: 211.19 MOLFM: C9-H9-N-O5
SYN: 3-ETHYL-2-HYDROXY-5-NITROBENZOIC ACID * 5-NITRO-2-HYDROXY-3-AETHYLBENZOESAEURE (German)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:600 mg/kg PHARAT 30,147,75

DH0220000 BENZOIC ACID, ester with N-ETHYL-N-(p-(PHENYLAZO)PHENYL)HYDROXYLAMINE
UPDT:8401 CAS: 55398-24-8 MW: 345.43 MOLFM: C21-H19-N3-O2
SYN: N-BENZOYLOXY-N-ETHYL-4-AMINOAZOBENZENE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:262 mg/kg/8W-I CNREA8 35,880,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DH0220600 BENZOIC ACID, ester with N-(p-(p-ETHYLPHENYLAZO)PHENYL)-N-METHYLHYDROXYLAMINE
UPDT:8401 CAS: 55398-26-0 MW: 359.46 MOLFM: C22-H21-N3-O2
SYN: N-BENZOYLOXY-4'-ETHYL-N-METHYL-4-AMINOAZOBENZENE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:272 mg/kg/8W-I CNREA8 35,880,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DH0250000 BENZOIC ACID, o-FLUORO-
UPDT:8406 CAS: 445-29-4 MW: 140.12 MOLFM: C7-H5-F-O2
SYN: o-FLUORBENZOESAEURE (German) * o-FLUOROBENZOIC ACID
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:700 mg/kg AEPPAE 183,427,36
* ivn-mus LD50:180 mg/kg CSLNX* NX#01726
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, IMSUAI 19,535,50
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DH1345000 BENZOIC ACID, 4-FLUORO-3-IODO-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 63916-81-4 MW: 401.67 MOLFM: C13-H17-F-I-N-O2 Cl-H
SYN: 2-DIETHYLAMINOETHYL 4-FLUORO-3-IODOBENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:1150 mg/kg JAPMAB 39,4,50
ivn-mus LDLo:98 mg/kg JAPMAB 39,4,50

DH1421000 BENZOIC ACID, 3-FORMAMIDO-2,4,6-TRIIODO-
UPDT:8405 MW: 542.83 MOLFM: C8-H4-I3-N-O3
SYN: 3-FORMAMIDO-2,4,6-TRIIODOBENZOIC ACID * 3-FORMYLAMINO-2,4,6-TRIIODOBENZOIC ACID
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:8000 mg/kg JAPMAB 42,721,53

DH1422000 BENZOIC ACID, p-GUANIDINO-, 4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL ESTER
UPDT:8401 MW: 337.36 MOLFM: C18-H15-N3-O4
SYN: COUMARIN, 4-METHYL-7-HYDROXY-, p-GUANIDINOBENZOATE * p-GUANIDINOBENZOIC ACID 4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL ESTER * 4-METHYLUMBELLIFERONE 4-GUANIDINOBENZOATE * MUGB
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 imp-mus TDLo:2 mg/kg (2D pre) CCPTAY 26,137,82
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg CCPTAY 26,137,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DH1425000 BENZOIC ACID, p-GUANIDINO-, p-NITROPHENYL ESTER
UPDT:8408 CAS: 21658-26-4 MW: 300.30 MOLFM: C14-H12-N4-O4
SYN: p-GUANIDINOBENZOIC ACID p-NITROPHENYL ESTER * p-NITROPHENYL p-GUANIDINO-BENZOATE * p-NITROPHENYL p-GUANIDINOBENZOATE * 4-NITROPHENYL 4-GUANIDINOBENZOATE * NPGB
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 67,81,79
mma-sat 100 ug/plate MUREAV 67,81,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 imp-mus TDLo:1600 ug/kg (2D pre) CCPTAY 26,137,82
1T21 ivg-mky TDLo:360 ug/kg (5D pre) BIREBV 20,1045,79
1T22 ivg-rbt TDLo:75 ug/kg (1D pre) CCPTAY 19,95,79
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:180 mg/kg BIREBV 20,1045,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DH1435000 BENZOIC ACID, 3-HEXANAMIDO-2,4,6-TRIIODO-
UPDT:8405 MW: 612.98 MOLFM: C13-H14-I3-N-O3
SYN: 3-CAPROYLAMINO-2,4,6-TRIIODOBENZOIC ACID * 3-HEXANAMIDO-2,4,6-TRIIODOBENZOIC ACID
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:1450 mg/kg JAPMAB 42,721,53

DH1442500 BENZOIC ACID, 3-HEXENYL ESTER, (Z)-
UPDT:8305 CAS: 25152-85-6 MW: 204.29 MOLFM: C13-H16-O2
SYN: cis-3-HEXENYL BENZOATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,773,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DH1490000 BENZOIC ACID, HEXYL ESTER
UPDT:8407 CAS: 6789-88-4 MW: 206.31 MOLFM: C13-H18-O2
SYN: HEXYL BENZOATE * n-HEXYLBENZOATE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
skn-rbt 500 mg/24H MOD FCTXAV 17,813,79
eye-rbt 500 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:12300 mg/kg AMIHBC 4,119,5
skn-rbt LD50:21000 mg/kg AMIHBC 4,119,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DH1496000 BENZOIC ACID, p-(HEXYLOXY)-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8412 CAS: 13971-87-4 MW: 357.97 MOLFM: C19-H31-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:258 mg/kg JPPMAB 6,119,54

DH1496500 BENZOIC ACID, p-(HEXYLOXY)-, 2-DIMETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8412 MW: 329.91 MOLFM: C17-H27-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:208 mg/kg JPPMAB 6,119,54

DH1575000 BENZOIC ACID, HYDRAZIDE
UPDT:8401 CAS: 613-94-5 MW: 136.17 MOLFM: C7-H8-N2-O
SYN: BENZHYDRAZIDE * BENZOYL HYDRAZIDE * HYDRAZINE, BENZOYL-
TUMORIGENIC DATA AND REFERENCES:
3V01J60P62 orl-mus TDLo:15 gm/kg/77W-C EJCAAH 8,341,72
2V02J60 orl-mus TD :13 gm/kg/30W-I 342RA9 -,869,65
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:122 mg/kg JPETAB 122,110,58
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZOIC ACID HYDRAZIDE, 3-HYDRAZONE with DAUNORUBICIN, MONOHYDROCHLORIDE see: VL8420000

DH1924980 BENZOIC ACID, m-HYDROXY-
UPDT:8401 CAS: 99-06-9 MW: 138.13 MOLFM: C7-H6-O3
SYN: ACIDO m-IDROSSIBENZOICO (Italian) * BENZOIC ACID, 3-HYDROXY- (9CI) * 3-CARBOXYPHENOL * m-HBA * m-HYDROXYBENZOIC ACID * 3-HYDROXYBENZOIC ACID * m-SALICYLIC ACID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 scu-rat TDLo:400 mg/kg (11D preg) RCOCB8 38,209,82
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:3700 mg/kg BCFAAI 112,53,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DH1925000 BENZOIC ACID, p-HYDROXY-
UPDT:8308 CAS: 99-96-7 MW: 138.13 MOLFM: C7-H6-O3
SYN: BENZOIC ACID, 4-HYDROXY- (9CI) * 4-CARBOXYPHENOL * p-HYDROXYBENZOIC ACID * 4-HYDROXYBENZOIC ACID * p-OXYBENZOESAURE (German) * p-SALICYLIC ACID
MUTATION DATA AND REFERENCES:
mma-sat 400 uL/plate BECTA6 24,590,80
TOXICITY DATA AND REFERENCES:
orl-mus LD50:2200 mg/kg DRSTAT 20,89,52
ipr-mus LD50:210 mg/kg JAPMA8 45,260,56
* scu-mus LD50:1050 mg/kg AIPTAK 128,135,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZOIC ACID, 2-HYDROXY- see: VO0525000
BENZOIC ACID, 3-HYDROXY- (9CI) see: DH1924980
BENZOIC ACID, 4-HYDROXY- (9CI) see: DH1925000

DH1950000 BENZOIC ACID, o-(p-HYDROXYBENZOYL)-
UPDT:8309 CAS: 85-57-4 MW: 242.24 MOLFM: C14-H10-O4
SYN: o-(p-HYDROXYBENZOYL)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 mg/kg CSLNX* NX#02591

DH1962000 BENZOIC ACID, 4-HYDROXY-, 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER, conjugate monoacid
UPDT:8408 CAS: 71286-45-0 MW: 339.42 MOLFM: C20-H21-N-O4
SYN: 4-HYDROXYBENZOIC ACID 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER conjugate monoacid
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:130 mg/kg SCPHA4 48,117,80

DH1964500 BENZOIC ACID, p-((o-HYDROXYBENZYLIDENE)AMINO)-
UPDT:8405 MW: 241.26 MOLFM: C14-H11-N-O3
SYN: p-((o-HYDROXYBENZYLIDENE)AMINO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
3F17F18H02 ipr-mus LD50:700 mg/kg ARPMAS 312,721,79

DH1980000 BENZOIC ACID, p-HYDROXY-, BUTYL ESTER
UPDT:8403 CAS: 94-26-8 MW: 194.25 MOLFM: C11-H14-O3
SYN: ASEPTOFORM BUTYL * BUTOBEN * BUTYL CHEMOSEPT * BUTYL p-HYDROXYBENZOATE * BUTYL PARABEN * n-BUTYL PARAHYDROXYBENZOATE * BUTYL PARASEPT * BUTYL TEGOSEPT * p-HYDROXYBENZOIC ACID BUTYL ESTER * NIPABUTYL * PARASEPT * SOLBROL B * TEGOSEPT B
IRRITATION DATA AND REFERENCES:
skn-gpg 5%/48H MLD JSCCA5 28,357,77
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:230 mg/kg JSCCA5 28,357,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZOIC ACID, 2-HYDROXY-, BUTYL ESTER see: VO2000000

DH2085000 BENZOIC ACID, p-HYDROXY-, DECYL ESTER
UPDT:8303 MW: 278.43 MOLFM: C17-H26-O3
SYN: p-HYDROXYBENZOIC ACID DECYL ESTER * p-OXYBENZOESAUREDECYL ESTER (German)
TOXICITY DATA AND REFERENCES:
2C17F29 scu-mus LD50:4800 mg/kg AIPTAK 128,135,60
BENZOIC ACID, 4-HYDROXY-3,5-DIMETHOXY-, ETHYL CARBONATE, ester with METHYL PESERPATE see: ZG0175000

DH2185600 BENZOIC ACID, p-HYDROXY-, DODECYL ESTER
UPDT:8303 CAS: 2664-60-0 MW: 306.49 MOLFM: C19-H30-O3
SYN: BENZOIC ACID, 4-HYDROXY-, DODECYL ESTER (9CI) * DODECYL p-HYDROXYBENZOATE * DODECYL 4-HYDROXYBENZOATE * p-HYDROXYBENZOIC ACID DODECYL ESTER * p-OXYBENZOESAUREDUODECYLESTER (German)
TOXICITY DATA AND REFERENCES:
2C17F29 scu-mus LD50:4900 mg/kg AIPTAK 128,135,60
BENZOIC ACID, 4-HYDROXY-, DODECYL ESTER (9CI) see: DH2185600

DH2185900 BENZOIC ACID, p-HYDROXY-, ESTER with 3-HYDROXY-1-METHYL-3-PIPERIDYL PHENYL KETONE, MONOHYDROCHLORIDE, (+-), HEMIHYDRATE
UPDT:8311 CAS: 33422-53-6 MW: 384.86 MOLFM: C20-H21-N-O4 Cl-H 1/2H2-O
SYN: (+-)-1-METHYL-3-BENZOYL-3-(p-HYDROXYBENZOYLOXY)PIPERIDINE HYDROCHLORIDE HEMIHYDRATE
TOXICITY DATA AND REFERENCES:
1F29 scu-mus LD50:130 mg/kg JPMSAE 60,685,71

DH2186000 BENZOIC ACID, p-HYDROXY-, ESTER with (3-HYDROXYPROPYL)GUANIDINE, MONOHYDROCHLORIDE
UPDT:8303 CAS: 19623-22-4 MW: 273.75 MOLFM: C11-H15-N3-O3 Cl-H
SYN: HM-203 * p-HYDROXYBENZOIC ACID ESTER with (3-HYDROXYPROPYL)GUANIDINE HYDROCHLORIDE * 3-(p-HYDROXY-BENZOYLOXY)PROPYLGUANIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F07F12 ipr-mus LDLo:100 mg/kg AIPTAK 175,193,68

DH2186500 BENZOIC ACID, o-(2-HYDROXYETHOXY)-
UPDT:8405 MW: 182.19 MOLFM: C9-H10-O4
SYN: o-(2-HYDROXYETHOXY)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:10 mg/kg EJMCA5 10,607,75

DH2190000 BENZOIC ACID, p-HYDROXY-, ETHYL ESTER
UPDT:8405 CAS: 120-47-8 MW: 166.19 MOLFM: C9-H10-O3
SYN: ASEPTOFORM E * BONOMOLD OE * p-CARBETHOXYPHENOL * EASEPTOL * ETHYL p-HYDROXYBENZOATE * ETHYL PARABEN * ETHYL PARASEPT * p-HYDROXYBENZOIC ACID ETHYL ESTER * p-HYDROXYBENZOIC ETHYL ESTER * NIPAGIN A * NIPAZIN A * SOLBROL A * TEGOSEPT E
MUTATION DATA AND REFERENCES:
cyt-ham:fbr 250 mg/L ESKHA5 96,55,78
cyt-ham:lng 440 mg/L GMCRDC 27,95,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T59 orl-rat TDLo:45600 mg/kg (8-15D preg) AOGLAR 22,94,75
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:5000 mg/kg DRSTAT 20,89,52
ipr-mus LD50:520 mg/kg DRSTAT 20,89,52
orl-gpg LDLo:2000 mg/kg FAONAU 40,20,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARZNAD 4,575,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DH2202000 BENZOIC ACID, p-HYDROXY-, HEPTYL ESTER
UPDT:8401 CAS: 1085-12-7 MW: 236.34 MOLFM: C14-H20-O3
SYN: BENZOIC ACID, 4-HYDROXY-, HEPTYL ESTER (9CI) * HEPTYL p-HYDROXYBENZOATE * HEPTYL 4-HYDROXYBENZOATE * HEPTYL PARABEN * p-HYDROXYBENZOIC ACID HEPTYL ESTER * NIPAHEPTYL * p-OXYBENZOESAUREHEPTYLESTER (German) * STAYPRO WS 7
TOXICITY DATA AND REFERENCES:
2C17F29 scu-mus LD50:4000 mg/kg AIPTAK 128,135,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZOIC ACID, 4-HYDROXY-, HEPTYL ESTER (9CI) see: DH2202000

DH2204000 BENZOIC ACID, p-HYDROXY-, HEXYL ESTER
UPDT:8303 CAS: 1083-27-8 MW: 222.31 MOLFM: C13-H18-O3
SYN: BENZOIC ACID, 4-HYDROXY-, HEXYL ESTER (9CI) * HEXYL p-HYDROXYBENZOATE * HEXYL 4-HYDROXYBENZOATE * p-HYDROXYBENZOIC ACID HEXYL ESTER * p-OXYBENZOESAUREHEXYLESTER (German)
TOXICITY DATA AND REFERENCES:
2C17F29 scu-mus LD50:3400 mg/kg AIPTAK 128,135,60
BENZOIC ACID, 4-HYDROXY-, HEXYL ESTER (9CI) see: DH2204000
BENZOIC ACID, (4-(HYDROXYIMINO)-2,5-CYCLOHEXADIEN-1-YLIDENE) HYDRAZIDE see: DH6125000

DH2247000 BENZOIC ACID, p-HYDROXY-, ISOBUTYL ESTER
UPDT:8303 CAS: 4247-02-3 MW: 194.25 MOLFM: C11-H14-O3
SYN: BENZOIC ACID, 4-HYDROXY-, 2-METHYLPROPYL ESTER (9CI) * p-HYDROXYBENZOIC ACID ISOBUTYL ESTER * ISOBUTYL p-HYDROXYBENZOATE * ISOBUTYL 4-HYDROXYBENZOATE * p-OXYBENZOESAUREISOBUTYLESTER (German)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:2600 mg/kg AIPTAK 128,135,60

DH2250000 BENZOIC ACID, p-HYDROXY-, ISOPROPYL ESTER
UPDT:8303 CAS: 4191-73-5 MW: 180.22 MOLFM: C10-H12-O3
SYN: BENZOIC ACID, 4-HYDROXY-, 1-METHYLETHYL ESTER (9CI) * p-HYDROXYBENZOIC ACID ISOPROPYL ESTER * ISOPROPYL p-HYDROXYBENZOATE * ISOPROPYL 4-HYDROXYBENZOATE * p-OXYBENZOESAUREISOPROPYLESTER (German)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1900 mg/kg AIPTAK 128,135,60
BENZOIC ACID, 2-HYDROXY-, 3-METHYL-2-BUTENYL ESTER see: EM9508000

DH2450000 BENZOIC ACID, p-HYDROXY-, METHYL ESTER
UPDT:8302 CAS: 99-76-3 MW: 152.16 MOLFM: C8-H8-O3
SYN: ABIOL * ASEPTOFORM * p-HYDROXYBENZOIC ACID METHYL ESTER * MASEPTOL * METHYLBEN * METHYL CHEMOSEPT * METHYL ESTER of p-HYDROXYBENZOIC ACID * METHYL p-HYDROXYBENZOATE * METHYL p-OXYBENZOATE * METHYLPARABEN * METHYL PARAHYDROXYBENZOATE * METHYL PARASEPT * METOXYDE * MOLDEX * NIPAGIN * NIPAGIN M * p-OXYBENZOESAUREMETHYLESTER (German) * PARABEN * PARASEPT * PARIDOL * PRESERVAL M * SEPTOS * SOLBROL M * TEGOSEPT M
MUTATION DATA AND REFERENCES:
cyt-ham:lng 125 mg/L/27H MUREAV 66,277,79
cyt-ham:fbr 500 mg/L ESKHA5 96,55,78
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:3000 mg/kg DRSTAT 20,89,52
ipr-mus LD50:960 mg/kg JAPMA8 45,260,56
* scu-mus LD50:1200 mg/kg AIPTAK 128,135,60
orl-dog LD50:3000 mg/kg 14CYAT 2,1897,63
orl-gpg LDLo:3000 mg/kg FAONAU 40,23,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARZNAD 4,575,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZOIC ACID, 4-HYDROXY-, 1-METHYLETHYL ESTER (9CI) see: DH2250000
BENZOIC ACID, 2-HYDROXY-, compd. with N-(1-METHYLETHYL)-2-PROPANAMINE (1:1) see: VO2825000
BENZOIC ACID, 4-HYDROXY-, 2-METHYLPROPYL ESTER (9CI) see: DH2247000
BENZOIC ACID, 2-HYDROXY-4-NITRO- see: VO5300100

DH2528300 BENZOIC ACID, p-HYDROXY-, (5-NITROFURFURYLIDENE)HYDRAZIDE
UPDT:8406 CAS: 965-52-6 MW: 275.24 MOLFM: C12-H9-N3-O5
SYN: BENZOIC ACID, 4-HYDROXY-, ((5-NITRO-2-FURANYL)METHYLENE)HYDRAZIDE * DIARLIDAN * DICOFERIN * ERCEFUROL * ERCEFURYL * p-HYDROXYBENZOIC ACID (5-NITROFURFURYLIDENE)HYDRAZIDE * NIFUROXAZID * NIFUROXAZIDE * (NITRO-5 FURFURYLIDENE-2') HYDROXY-4 BENZHYDRAZIDE (French) * R.C. 27-109 * RC 30-109
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:6000 mg/kg APFRAD 21,287,63
3F25J25M16 ipr-mus LD50:100 mg/kg JPPMAB 16,663,64
BENZOIC ACID, 2-HYDROXY-5-((4-NITROPHENYL)AZO)- see: VO5310000
BENZOIC ACID, o-HYDROXY-, OCTYL ESTER see: VO5400000

DH2529050 BENZOIC ACID, p-HYDROXY-, OCTYL ESTER
UPDT:8303 CAS: 1219-38-1 MW: 250.37 MOLFM: C15-H22-O3
SYN: BENZOIC ACID, 4-HYDROXY-, OCTYL ESTER (9CI) * p-HYDROXYBENZOIC ACID OCTYL ESTER * OCTYL p-HYDROXYBENZOATE * OCTYL 4-HYDROXYBENZOATE * p-OXYBENZOESAUREOCTYLESTER (German)
TOXICITY DATA AND REFERENCES:
2C17F29 scu-mus LD50:4500 mg/kg AIPTAK 128,135,60
BENZOIC ACID, 4-HYDROXY-, OCTYL ESTER (9CI) see: DH2529050

DH2555000 BENZOIC ACID, p-HYDROXY-, PENTYL ESTER
UPDT:8303 CAS: 6321-29-5 MW: 208.28 MOLFM: C12-H16-O3
SYN: AMYL 4-HYDROXYBENZOATE * BENZOIC ACID, 4-HYDROXY-, PENTYL ESTER (9CI) * p-HYDROXYBENZOIC ACID PENTYL ESTER * p-OXYBENZOESAUREPENTYLESTER (German) * PENTYL p-HYDROXYBENZOATE
TOXICITY DATA AND REFERENCES:
2C17F29 scu-mus LD50:2950 mg/kg AIPTAK 128,135,60
BENZOIC ACID, 4-HYDROXY-, PENTYL ESTER (9CI) see: DH2555000
BENZOIC ACID, m-HYDROXYPHENYL ESTER see: VH2800000

DH2800000 BENZOIC ACID, p-HYDROXY-, PROPYL ESTER
UPDT:8302 CAS: 94-13-3 MW: 180.22 MOLFM: C10-H12-O3
SYN: ASEPTOFORM P * BENZOIC ACID, 4-HYDROXY-, PROPYL ESTER * BETACIDE P * BONOMOLD OP * p-HYDROXYBENZOIC ACID PROPYL ESTER * p-HYDROXYPROPYL BENZOATE * NIPASOL * NIPASOL M * p-OXYBFNZOESAUREPROPYLESTER (German) * PARABEN * PARASEPT * PASEPTOL * PRESERVAL P * PROPYL ASEPTOFORM * PROPYL CHEMOSEPT * PROPYL p-HYDROXYBENZOATE * n-PROPYL p-HYDROXYBENZOATE * PROPYLPARABEN * PROPYLPARASEPT * PROTABEN P * TEGOSEPT P
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:6000 mg/kg DRSTAT 20,89,52
ipr-mus LD50:200 mg/kg NTIS** AD691-490
* scu-mus LD50:1650 mg/kg AIPTAK 128,135,60
orl-dog LD50:6000 mg/kg 14CYAT 2,1897,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARZNAD 4,575,54

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
BENZOIC ACID, 4-HYDROXY-, PROPYL ESTER see: DH2800000
BENZOIC ACID, IMIDAZOL-4-YLMETHYL ESTER, HYDROCHLORIDE see: NI6710000

DH2970000 BENZOIC ACID, p-(2H-INDAZOL-2-YL)-
UPDT:8303 MW: 238.26 MOLFM: C14-H10-N2-O2
SYN: p-(2H-INDAZOL-2-YL)-BENZOIC ACID * M-G 18878
TOXICITY DATA AND REFERENCES:
3F05F11F19 ipr-mus LD50:200 mg/kg FRPSAX 36,1037,81

DH3056690 BENZOIC ACID, m-IODO-, SODIUM SALT
UPDT:8405 MW: 270.00 MOLFM: C7-H4-I-O2-Na
SYN: m-IODOBENZOIC ACID SODIUM SALT * SODIUM m-IODOBENZOATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg JAPMA8 43,495,54

DH3056700 BENZOIC ACID, o-IODO-, SODIUM SALT
UPDT:8405 CAS: 2532-17-4 MW: 270.00 MOLFM: C7-H4-I-O2-Na
SYN: o-IODOBENZOIC ACID SODIUM SALT * SODIUM o-IODOBENZOATE * SODIUM 2-IODOHIPPURATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg JAPMA8 43,495,54
ivn-mus LD50:1010 mg/kg MECHAN 6,343,63

DH3056750 BENZOIC ACID, p-IODO-, SODIUM SALT
UPDT:8405 CAS: 1905-30-7 MW: 270.00 MOLFM: C7-H4-I-O2-Na
SYN: p-IODOBENZOIC ACID SODIUM SALT * SODIUM p-IODOBENZOATE
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:786 mg/kg JAPMA8 32,44,43
* orl-mus LD50:2500 mg/kg JAPMA8 43,495,54
BENZOIC ACID, o-IODO-, TRIBUTYLSTANNYL ESTER see: WH8575000
BENZOIC ACID, p-IODO-, TRIBUTYLSTANNYL ESTER see: WH8578200

DH3067600 BENZOIC ACID, p-ISOBUTOXY-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8412 CAS: 15788-74-6 MW: 329.91 MOLFM: C17-H27-N-O3-Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:158 mg/kg JPPMAB 6,119,54

DH3067700 BENZOIC ACID, p-ISOBUTOXY-, 2-DIMETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8410 MW: 301.85 MOLFM: C15-H23-N-O3-Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:192 mg/kg JPPMAB 6,119,54

DH3074500 BENZOIC ACID, 3-ISOBUTYRAMIDO-2,4,6-TRIIODO-
UPDT:8405 MW: 584.92 MOLFM: C11-H10-I3-N-O3
SYN: 3-ISOBUTYRAMIDO-2,4,6-TRIIODOBENZOIC ACID * 3-ISOBUTYRYLAMINO-2,4,6-TRIIODOBENZOIC ACID
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:3700 mg/kg JAPMA8 42,721,53

DH3078000 BENZOIC ACID, ISOPENTYL ESTER
UPDT:8306 CAS: 94-46-2 MW: 176.28 MOLFM: C12-H16-O2
SYN: AMYL BENZOATE * BENZOIC ACID, 1-(3-METHYL)BUTYL ESTER * ISOAMYL BENZOATE * ISOPENTYL BENZOATE * 1-(3-METHYL)BUTYL BENZOATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1079,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6330 mg/kg FCTXAV 11,495,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZOIC ACID, 1-ISOPROPYL-3-CARBETHOXY-4-PIPERIDYL ESTER HYDROBROMIDE see: TM6317050

DH3140000 BENZOIC ACID, p-ISOPROPYL-, 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
UPDT:8406 MW: 299.88 MOLFM: C16-H25-N-O2-Cl-H
SYN: beta-DIETHYLAMINOETHYL CUMATE HYDROCHLORIDE * p-ISOPROPYLBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * ISOPROPYLCAINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-mus LD50:370 mg/kg JAPMA8 40,449,51
* scu-mus LD50:950 mg/kg APFRAD 40,133,82

DH3142000 BENZOIC ACID, p-ISOPROPYL-, 3-DIETHYLAMINOPROPYL ESTER, MONOHYDROCHLORIDE
UPDT:8406 MW: 313.91 MOLFM: C17-H27-N-O2-Cl-H
SYN: gamma-DIETHYLAMINOPROPYL CUMATE HYDROCHLORIDE * p-ISOPROPYLBENZOIC ACID 3-DIETHYLAMINOPROPYL ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-mus LD50:238 mg/kg JAPMA8 40,449,51

DH3143000 BENZOIC ACID, p-ISOPROPYL-, 2-DIMETHYLAMINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8406 MW: 271.82 MOLFM: C14-H21-N-O2-Cl-H
SYN: beta-DIMETHYLAMINOETHYL CUMATE HYDROCHLORIDE * p-ISOPROPYLBENZOIC ACID 2-DIMETHYLAMINOETHYL ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-mus LD50:376 mg/kg JAPMA8 40,449,51

DH3150000 BENZOIC ACID, ISOPROPYL ESTER
UPDT:8407 CAS: 939-48-0 MW: 164.22 MOLFM: C10-H12-O2
* SYN: ISOPROPYL BENZOATE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 500 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3730 mg/kg AMIHBC 4,119,51
* skn-rbt LD50:20 gm/kg AMIHBC 4,119,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DH3290000 BENZOIC ACID, 3-LAURAMIDO-2,4,6-TRIIODO-
UPDT:8405 MW: 697.16 MOLFM: C19-H26-I3-N-O3
SYN: 3-LAURAMIDO-2,4,6-TRIIODOBENZOIC ACID * 3-LAUROYLAMINO-2,4,6-TRIIODOBENZOIC ACID
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:290 mg/kg JAPMA8 42,721,53

DH3300000 BENZOIC ACID, LINALYL ESTER
UPDT:8305 CAS: 126-64-7 MW: 258.39 MOLFM: C17-H22-O2
SYN: 3,7-DIMETHYL 1,6-OCTADIEN-3-YL BENZOATE * 1,5-DIMETHYL 1-VINYL 4-HEXEN-1-YL BENZOATE * 4-HEXEN-1-OL, 1,5-DIMETHYL 1-VINYL BENZOATE * LINALYL BENZOATE * 1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, BENZOATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,461,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DH3325000 BENZOIC ACID, o-MERCAPTO-
UPDT:8310 CAS: 147-93-3 MW: 154.19 MOLFM: C7-H6-O2-S
SYN: o-MERCAPTOBENZOIC ACID * THIOSALICYLIC ACID * USAF EK-T-2805 * USAF KF-2 * USAF XR-35
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DH3350000 BENZOIC ACID, o-MERCAPTO-, ACETATE
UPDT:8312 CAS: 55819-78-8 MW: 196.23 MOLFM: C9-H8-O3-S
SYN: ACETYLTHIOSALICYLIC ACID * BENZOIC ACID, 2-(ACETYLTHIO)- * o-MERCAPTOBENZOIC ACID ACETATE
TOXICITY DATA AND REFERENCES:
3F11F17J26 ipr-mus LD50:224 mg/kg JPMSAE 64,760,75

DH3400000 BENZOIC ACID, o-MERCAPTO-, DIESTER with DITHIO-p-UREIDOBENZENEARSONOUS ACID
UPDT:8007 CAS: 91-71-4 MW: 516.66 MOLFM: C21-H17-As-N2-O5-S2
SYN: BENZENEARSONOUS ACID, DITHIO-p-UREIDO- DIESTER with o-MERCAPTOBENZOIC ACID * BENZOIC ACID, 2,2'-[[4-[(AMINOCARBONYL)AMINO]PHENYL]ARSINIDENEBIS(THIO)]BIS) * BENZOIC ACID, o-MERCAPTO-, S,S-DIESTER with DITHIO-p-UREIDOBENZENEARSONOUS ACID * p-(BIS(o-CARBOXYPHENYLMERCAPTO)-ARSINO)-PHENYLUREA * 4-CARBAMIDOPHENYL BIS(o-CARBOXYPHENYLTHIO)ARSENITE * p-CARBAMIDOPHENYL-BIS(2-CARBOXYPHENYLMERCAPTO)ARSINE * p-CARBAMIDOPHENYL DI(1'-CARBOXYPHENYL-2') THIOARSENITE * C.C. NO. 1037 * CHEMOTHERAPY CENTER NO. 1037 * o-MERCAPTOBENZOIC ACID DIESTER with DITHIO p-UREIDOBENZENEARSONOUS ACID * THIOCARBAMISIN * THIOCARBAMIZINE * (p-UREIDOBENZENEARSYLENEDITHIO)DI-o-BENZOIC ACID * (p-UREIDOPHENYLARSYLENEDITHIO)DI-o-BENZOIC ACID
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1220 mg/kg JPETAB 91,112,47
ipr-rat LD50:76 mg/kg JPETAB 91,112,47
ivn-rat LD50:70 mg/kg JPETAB 91,112,47
ipr-mus LD50:265 mg/kg JPETAB 91,112,47
ivn-mus LD50:120 mg/kg JPETAB 91,112,47
ivn-rbt LDLo:100 mg/kg JPETAB 91,112,47
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
BENZOIC ACID, o-MERCAPTO-, S,S-DIESTER with DITHIO-p-UREIDOBENZENEARSONOUS ACID see: DH3400000
BENZOIC ACID, 2-METHOXY- see: VO4725000
BENZOIC ACID, 3-METHOXY- (9CI) see: BZ4375000

DH3522000 BENZOIC ACID, 4-METHOXY-, 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER, conjugate monoacid
UPDT:8408 CAS: 71266-46-1 MW: 353.45 MOLFM: C21-H23-N-O4
SYN: 4-METHOXYBENZOIC ACID 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER conjugate monoacid
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:165 mg/kg SCPHA4 48,117,80

DH3528000 BENZOIC ACID, p-(3-(p-METHOXYBENZYL)-3-METHYL-1-TRIAZENO)-
UPDT:8403 CAS: 63542-18-9 MW: 299.36 MOLFM: C16-H17-N3-O3
SYN: p-(3-(p-METHOXYBENZYL)-3-METHYL-1-TRIAZENO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:512 mg/kg JPMSAE 66,1416,77
BENZOIC ACID, p-METHOXY-, alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER see: DO1363000
BENZOIC ACID, o-METHOXY-, beta-(DIMETHYLAMINO)PHENETHYL ESTER see: SG7890000
BENZOIC ACID, p-METHOXY-, ETHYL ESTER see: BZ4697000
BENZOIC ACID, 4-METHOXY-, ETHYL ESTER (9CI) see: BZ4697000
BENZOIC ACID, o-METHOXY-, HYDRAZIDE see: BZ4700000
BENZOIC ACID, p-METHOXY-, HYDRAZIDE see: BZ4800000
BENZOIC ACID, 2-METHOXY-, HYDRAZIDE (9CI) see: BZ4700000
BENZOIC ACID, o-METHOXY-, alpha-((METHYLCYCLOHEXYLAMINO)METHYL)BENZYL ESTER see: DP0420000
BENZOIC ACID, p-METHOXY-, METHYL ESTER see: BZ4925000

DH3600000 BENZOIC ACID, p-METHOXY-, PIPERIDINO ESTER
UPDT:8401 CAS: 38860-48-9 MW: 235.31 MOLFM: C13-H17-N-O3
SYN: N-(4-METHOXYBENZOYLOXY)PIPERIDINE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:19 mg/kg JNCIAM 54,491,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZOIC ACID, o-METHOXY-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE see: UY1227500
BENZOIC ACID, p-METHOXY-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE see: UY1227550
BENZOIC ACID, 2-METHOXY-3,5,6-TRICHLORO- see: BZ5075000

DH3692000 BENZOIC ACID, p-((2-METHYLBENZIMIDAZOL-1-YLMETHYL)AMINO)-, HYDRAZIDE
UPDT:8312 CAS: 36841-32-4 MW: 295.38 MOLFM: C16-H17-N5-O
SYN: p-((2-METHYLBENZIMIDAZOL-1-YLMETHYL)AMINO)BENZOIC ACID HYDRAZIDE
TOXICITY DATA AND REFERENCES:
3F13F17F19 ipr-mus LD50:250 mg/kg JPMSAE 61,1322,72

DH3695000 BENZOIC ACID, p-(3-(p-METHYLBENZYL)-3-METHYL-1-TRIAZENO)-
UPDT:8403 CAS: 63542-17-8 MW: 283.36 MOLFM: C16-H17-N3-O2
SYN: p-(3-(p-METHYLBENZYL)-3-METHYL-1-TRIAZENO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:504 mg/kg JPMSAE 66,1416,77
BENZOIC ACID, p-METHYL-, p-(BIS(2-CHLOROETHYL)AMINO)PHENYL ESTER see: SJ7781000
BENZOIC ACID, 3-METHYL-2-BUTENYL ESTER see: EM9473900
BENZOIC ACID, 1-(3-METHYL)BUTYL ESTER see: DH3078000

DH3830000 BENZOIC ACID, p-((METHYLCARBAMOYLMETHYL)AMINO)-, ETHYL ESTER
UPDT:8410 MW: 236.30 MOLFM: C12-H16-N2-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1240 mg/kg YKKZAJ 81,659,61
BENZOIC ACID, METHYLENEBIS(2-AMINO-, DIMETHYL ESTER (9CI) see: CB3315000
BENZOIC ACID, METHYLENEBIS(2-HYDROXY- (9CI) see: VO4700000

DH3848000 BENZOIC ACID, 4,4'-METHYLENEDI-, BIS(2-DIETHYLAMINOETHYL) ESTER, HYDROCHLORIDE
UPDT:8405 MW: 491.13 MOLFM: C27-H38-N2-O4-Cl-H
SYN: BIS(DIETHYLAMINOETHYL) 4,4'-DIPHENYLMETHANEDICARBOXYLATE HYDROCHLORIDE * 4,4'-METHYLENEDIBENZOIC ACID BIS(2-DIETHYLAMINOETHYL) ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:590 mg/kg JAPMA8 45,382,56
1C17 ivn-mus LD50:54 mg/kg JAPMA8 45,382,56

DH3848300 BENZOIC ACID, 4,4'-METHYLENEDI-, BIS(2-DIMETHYLAMINOETHYL) ESTER, HYDROCHLORIDE
UPDT:8405 MW: 435.01 MOLFM: C23-H30-N2-O4-Cl-H
SYN: BIS(DIMETHYLAMINOETHYL) 4,4'-DIPHENYLMETHANEDICARBOXYLATE HYDROCHLORIDE * 4,4'-METHYLENEDIBENZOIC ACID BIS(2-DIMETHYLAMINOETHYL) ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:710 mg/kg JAPMA8 45,382,56
1C17 ivn-mus LD50:87 mg/kg JAPMA8 45,382,56

DH3850000 BENZOIC ACID, METHYL ESTER
UPDT:8407 CAS: 93-58-3 MW: 136.16 MOLFM: C8-H8-O2
SYN: ESSENCE OF NIOBE * METHYL BENZENECARBOXYLATE * METHYL BENZOATE * METHYLBENZOATE (DOT) * NIOBE OIL * OIL OF NIOBE * OXIDATE LE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
3D07F07R21 orl-rat LD50:1350 mg/kg FCTXAV 2,327,64
2F11F13 orl-mus LD50:3330 mg/kg FCTXAV 2,327,64
skn-cat LDLo:10 gm/kg JPETAB 84,358,45

BEST COPY AVAILABLE

orl-rbt LD50:2170 mg/kg JPETAB 84,358,45

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

BENZOIC ACID, 4-(((1-METHYLETHYL)AMINO)CARBONYL)- (9CI) see: WZ0525000

DH3870000 BENZOIC ACID, p-((p-(METHYLHYDROXYAMINO)PHENYL)AZO)-, METHYL ESTER, ACETATE

UPDT:8403 CAS: 55936-76-0 MW: 327.37 MOLFM: C17-H17-N3-O4

SYN: BENZOIC ACID, p-((p-(ACETOXYMETHYLAMINO)PHENYL)AZO)-, METHYL ESTER * BENZOIC ACID, 4-((4-((ACETYLOXY)METHYLAMINO)PHENYL)AZO)-, METHYL ESTER (9CI) * 4'-METHOXYCARBONYL-N-ACETOXY-N-METHYL-4-AMINOAZOBENZENE

MUTATION DATA AND REFERENCES:

mma-sat 100 nmol/plate CALEDQ 1,91,75

mma-sat 100 nmol/plate CALEDQ 1,91,75

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DH3890000 BENZOIC ACID, ester with N-METHYL-N-(p-(p-METHYLPHENYLAZO)PHENYL)HYDROXYLAMINE

UPDT:8401 CAS: 55398-25-9 MW: 345.43 MOLFM: C21-H19-N3-O2

SYN: N-BENZOYLOXY-4'-METHYL-N-METHYL-4-AMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-rat TDLo:262 mg/kg/8W-I CNREAB 35,880,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DH4010200 BENZOIC ACID, p-(3-METHYL-3-(p-NITROBENZYL)-1-TRIAZENO)-

UPDT:8403 CAS: 65542-15-6 MW: 314.33 MOLFM: C15-H14-N4-O4

SYN: p-(3-METHYL-3-(p-NITROBENZYL)-1-TRIAZENO)BENZOIC ACID

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:647 mg/kg JPMSAE 66,1416,77

DH4079000 BENZOIC ACID, p-(2-METHYL-4-PIPERIDINO-2-BUTENYL)-, (2-(DIETHYLAMINO)ETHYL) ESTER, DIHYDROCHLORIDE

UPDT:8302 CAS: 27344-60-1 MW: 445.53 MOLFM: C23-H36-N2-O2 .2Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:197 mg/kg RPTOAN 40,69,77

ipr-mus LD50:197 mg/kg RPTOAN 40,69,77

BENZOIC ACID, 3-(2-METHYLPIPERIDINO)PROPYL ESTER, HYDROCHLORIDE see: TN3325000

DH4195000 BENZOIC ACID, o-(METHYLSELENO)-

UPDT:8209 CAS: 6547-08-6 MW: 215.12 MOLFM: C8-H8-O2-Se

SYN: ACIDE METHYL SELENO-2-BENZOIQUE (French) * BENZOIC ACID, 2-(METHYLSELENO)- * o-(METHYLSELENO)BENZOIC ACID * METHYLSELENO-2-BENZOIC ACID

TOXICITY DATA AND REFERENCES:

1F12 ipr-rat LDLo:1100 mg/kg CRSBAW 172,383,78

1F12 ivn-rat LDLo:500 mg/kg CRSBAW 172,383,78

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

BENZOIC ACID, 2-(METHYLSELENO)- see: DH4195000

DH4200000 BENZOIC ACID, o-(METHYLSELENO)-, SODIUM SALT

UPDT:7901 CAS: 22262-18-6 MW: 237.10 MOLFM: C8-H7-O2-Se .Na

SYN: o-(METHYLSELENO)BENZOIC ACID

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:644 mg/kg CHDDAT 268,2807,69

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

DH4300000 BENZOIC ACID, o-(METHYLTELLURO)-

UPDT:8303 MW: 263.76 MOLFM: C8-H8-O2-Te

SYN: ACIDE METHYL-Te-2-BENZOIQUE (French) * o-(METHYLTELLURO)BENZOIC ACID

TOXICITY DATA AND REFERENCES:

1F12 ipr-rat LDLo:375 mg/kg BSRSA6 47,202,78

1F12 ivn-rat LDLo:175 mg/kg BSRSA6 47,202,78

DH4375000 BENZOIC ACID, o-(METHYLTELLURO)-, SODIUM SALT

UPDT:7901 CAS: 22262-19-7 MW: 285.74 MOLFM: C8-H7-O2-Te .Na

SYN: o-(METHYLTELLURO)BENZOIC ACID

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:382 mg/kg CHDDAT 268,2807,69

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Te)/M3 DTLVS* 4,386,80

DH4390000 BENZOIC ACID, o-(METHYLTHIO)-

UPDT:8303 CAS: 3724-10-5 MW: 168.22 MOLFM: C8-H8-O2-S

SYN: ACIDE METHYL-S-2-BENZOIQUE (French) * BENZOIC ACID, 2-(METHYLTHIO)- * 2-CARBOXYPHENYL METHYL SULFIDE * 2-METHYLMERCAPTOBENZOIC ACID * o-(METHYLTHIO)BENZOIC ACID * 2-(METHYLTHIO)BENZOIC ACID

TOXICITY DATA AND REFERENCES:

1F12 ipr-rat LDLo:2500 mg/kg BSRSA6 47,202,78

1F12 ivn-rat LDLo:2250 mg/kg BSRSA6 47,202,78

BENZOIC ACID, 2-(METHYLTHIO)- see: DH4390000

DH4800000 BENZOIC ACID, m-NICOTINAMIDO-, 1'-OXIDE

UPDT:8310 MW: 258.25 MOLFM: C13-H10-N2-O4

SYN: N-(3-CARBOXYPHENYL)NICOTINAMIDE 1-OXIDE * NICOTINAMIDE, N-(m-CARBOXYPHENYL)-, 1-OXIDE

TOXICITY DATA AND REFERENCES:

2F29U25 ipr-mus LD50:1120 mg/kg PCJOAU 13,714,79

BENZOIC ACID NITRILE see: DI2450000

DH5000000 BENZOIC ACID, m-NITRO-

UPDT:8412 CAS: 121-92-6 MW: 167.13 MOLFM: C7-H5-N-O4

SYN: m-NITROBENZOIC ACID

MUTATION DATA AND REFERENCES:

mma-sat 40 umol/plate MUREAV 58,11,78

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:670 mg/kg CRSBAW 160,1097,66

ivn-rat LD50:680 mg/kg CRSBAW 160,1097,66

par-rat LD50:1820 mg/kg CRSBAW 160,1097,66

ipr-mus LD50:610 mg/kg CRSBAW 160,1097,66

ivn-mus LD50:640 mg/kg CRSBAW 160,1097,66

par-mus LD50:1290 mg/kg CRSBAW 160,1097,66

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DH5075000 BENZOIC ACID, p-NITRO-

UPDT:8412 CAS: 62-23-7 MW: 167.13 MOLFM: C7-H5-N-O4

SYN: 1-CARBOXY-4-NITROBENZENE * KYSELINA p-NITROBENZOOVA (Czech) * p-NITROBENZOIC ACID * 4-NITROBENZOIC ACID * 4-NITRODRACYLIC ACID

IRRITATION DATA AND REFERENCES:

eye-rbt 20 mg/24H SEV 28ZPAK -,129,72

MUTATION DATA AND REFERENCES:

mma-sat 10 umol/plate MUREAV 58,11,78

bfa-rat/sat 400 mg/kg/4D PNASA6 72,4607,75

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1960 mg/kg CRSBAW 160,1097,66

ipr-rat LD50:1210 mg/kg CRSBAW 160,1097,66

par-rat LD50:1960 mg/kg CRSBAW 160,1097,66

ipr-mus LD50:880 mg/kg CRSBAW 160,1097,66

ivn-mus LD50:770 mg/kg CRSBAW 160,1097,66

par-mus LD50:1470 mg/kg CRSBAW 160,1097,66

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BENZOIC ACID, p-NITRO-, p-CHLORO-alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE see: UY1213000

BENZOIC ACID, p-NITRO-, 1-CYCLOHEXYL-2-(1-PYRROLIDINYL)ETHYL ESTER, HYDROCHLORIDE see: UY1215000

DH5460000 BENZOIC ACID, m-NITRO-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8309 MW: 302.79 MOLFM: C13-H18-N2-O4 Cl-H

SYN: m-NITROBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

BENZOIC ACID, p-NITRO , alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER, HYDROCHLORIDE see: DO1367400

DH5850000 BENZOIC ACID, p-NITRO-, PIPERIDINO ESTER

UPDT:8401 CAS: 38860-52-5 MW: 250.28 MOLFM: C12-H14-N2-O4

SYN: N-(4-NITRO)BENZOYLOXYPIPERIDINE

TUMORIGENIC DATA AND REFERENCES:

3V02R60V10 skn-mus TDLo:50 mg/kg JNCIAM 54,491,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOIC ACID, m-NITRO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE see: UY1227600

BENZOIC ACID, p-NITRO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE see: UY1227650

BENZOIC ACID, p-NITRO-, beta-(1-PYRROLIDINYL)PHENETHYL ESTER HYDROCHLORIDE see: UY1227700

DH5944500 BENZOIC ACID, 3-OCTANAMIDO-2,4,6-TRIIODO-

UPDT:8405 MW: 641.04 MOLFM: C15-H18-I3-N-O3

SYN: 3-CAPRYLYLAMINO-2,4,6-TRIIODOBENZOIC ACID * 3-OCTANAMIDO-2,4,6-TRIIODOBENZOIC ACID

TOXICITY DATA AND REFERENCES:

* unk-rat LD50:660 mg/kg JAPMAB 42,721,53

DH5970000 BENZOIC ACID, p-(OCTYLOXY)-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE

UPDT:8410 CAS: 14245-83-1 MW: 386.03 MOLFM: C21-H35-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:175 mg/kg JPPMAB 6,119,54

DH5980000 BENZOIC ACID, p-(OCTYLOXY)-, 2-DIMETHYLAMINOETHYL ESTER, HYDROCHLORIDE

UPDT:8412 MW: 357.97 MOLFM: C19-H31-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:175 mg/kg JPPMAB 6,119,54

DH6125000 BENZOIC ACID, (4-OXO-2,5-CYCLOHEXADIEN-1-YLIDENE)HYDRAZIDE, OXIME

UPDT:8309 CAS: 495-73-8 MW: 241.27 MOLFM: C13-H11-N3-O2

SYN: BAY 15080 * BAYER 15080 * BENCHINOX * BENGUINOX * BENQUINOX * BENZOIC ACID, (4-(HYDROXYIMINO)-2,5-CYCLOHEXADIEN-1-YLIDENE) HYDRAZIDE * 1,4-BENZOQUINONE N-BENZOYLHYDRAZONE OXIME * p-BENZOQUINONE OXIME BENZOYLHYDRAZONE * CEREDON * CERELINE * CERENOX * CHINONOXIME-BENZOYLHYDRAZONE * COBH * GBH * LERENOX * QBH * QUINONE OXIME BENZOYLHYDRAZONE * TILLANTOX * TSERENOX

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:100 mg/kg FMCHA2 -,C48,83

orl-mus LD50:100 mg/kg GUCHAZ 6,34,73

unk-mus LD50:100 mg/kg 307DA9 -,116,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOIC ACID, 2-((1-OXOPROPYL)(1-(2-PHENYLETHYL)-4-PIPERIDINYL)AMINO)-, ETHYL ESTER, HCl see: CB3723100

BENZOIC ACID, 2-((1-OXOPROPYL)(1-(2-PHENYLETHYL)-4-PIPERIDINYL)AMINO)-, PROPYL ESTER, HCl see: CB3723500

DH6173000 BENZOIC ACID, 3,3'-(OXYDIMETHYLENEBIS(CARBONYLIMINO))BIS(2,4,6-TRIIODO-, DISODIUM SALT

UPDT:8405 MW: 1171.66 MOLFM: C18-H8-I6-N2-O7 2Na

SYN: BILIVISTAN NATRIUM (German) * BILIVISTAN SODIUM * DIGLYCOLIC ACID DI-(3-CARBOXY-2,4,6-TRIIODOANILIDE) DISODIUM * DIGLYCOLSAEURE-DI-(3-CARBOXY-2,4,6-TRIJOD-ANILID) DINATRIUM (German) * 3,3'-(OXYDIMETHYLENEBIS(CARBONYLIMINO))BIS(2,4,6-TRIIODOBENZOIC ACID DISODIUM SALT

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:6000 mg/kg ARZNAD 14,451,64

* ivn-mus LD50:5300 mg/kg ARZNAD 14,451,64

* ivn-dog LD50:5500 mg/kg ARZNAD 14,451,64

BENZOIC ACID, 1-PENTYL-3-CARBETHOXY-4-PIPERIDYL ESTER HYDROCHLORIDE see: TM6318050

DH6276000 BENZOIC ACID, PENTYL ESTER

UPDT:8305 CAS: 2049-96-9 MW: 192.28 MOLFM: C12-H16-O2

SYN: AMYL BENZOATE * PENTYL BENZOATE * n-PENTYL BENZOATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD FCTXAV 11,1079,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

DH6276500 BENZOIC ACID, p-PENTYLOXY-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE

UPDT:8410 CAS: 20545-86-2 MW: 343.94 MOLFM: C18-H29-N-O3 Cl-H

IRRITATION DATA AND REFERENCES:

eye-rbt 1% JPPMAB 6,119,5

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:291 mg/kg JPPMAB 6,119,54

DH6276600 BENZOIC ACID, p-PENTYLOXY-, 2-DIMETHYLAMINOETHYL ESTER, HYDROCHLORIDE

UPDT:8410 MW: 315.88 MOLFM: C16-H25-N-O3 Cl-H

IRRITATION DATA AND REFERENCES:

eye-rbt 1% JPPMAB 6,119,5

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:208 mg/kg JPPMAB 6,119,54

BENZOIC ACID, PEROXIDE see: DM8575000

DH6288000 BENZOIC ACID, PHENETHYL ESTER

UPDT:8305 CAS: 94-47-3 MW: 226.29 MOLFM: C15-H14-O2

SYN: BENZYL CARBINYL BENZOATE * PHENETHYL ALCOHOL BENZOATE * PHENETHYL BENZOATE * PHENYLETHYL BENZOATE * beta-PHENYLETHYL BENZOATE * 2-PHENYLETHYL BENZOATE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:5000 mg/kg FCTXAV 13,905,75

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZOIC ACID 2-(1-PHENYLETHYL)HYDRAZIDE see: MU8400000

DH6301000 BENZOIC ACID, o-(PHENYLHYDROXYARSINO)-
UPDT:8208 MW: 290.16 MOLFM: C13-H11-As-O3
SYN: 2-CARBOXYDIPHENYLARSINOUS ACID * o-(PHENYLHYDROXYARSINO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:10 mg/kg CPBTAL 2,19,54
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
BENZOIC ACID, PHENYLMETHYL ESTER see: DG4200000

DH6476150 BENZOIC ACID, (p-PHOSPHONO)-
UPDT:8308 MW: 202.11 MOLFM: C7-H7-O5-P
SYN: (p-PHOSPHONO)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

DH6476400 BENZOIC ACID, p-(2-PIPERIDINOACETAMIDO)-, ETHYL ESTER
UPDT:8303 MW: 290.40 MOLFM: C16-H22-N2-O3
SYN: ETHYL PIPERIDYLACETYLAMINOBENZOATE * p-(2-PIPERIDINOACETAMIDO)BENZOIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:4000 mg/kg NIIRDN 6,636,82

DH6476450 BENZOIC ACID, p-(2-PIPERIDINOACETAMIDO)-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8408 MW: 326.86 MOLFM: C16-H22-N2-O3-Cl-H
SYN: p-(2-PIPERIDINOACETAMIDO)BENZOIC ACID ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2 gm/kg YKKZAJ 82,783,62

DH6476500 BENZOIC ACID, p-(4-PIPERIDINO-2-BUTENYL)-, (2-(DIETHYLAMINO)ETHYL) ESTER, DIHYDROCHLORIDE
UPDT:8302 CAS: 22344-59-8 MW: 431.50 MOLFM: C22-H34-N2-O2-2Cl-H
SYN: p-(4-PIPERIDINO-2-BUTENYL)BENZOIC ACID (2-(DIETHYLAMINO)ETHYL) ESTER DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:171 mg/kg RPTOAN 40,69,77
ipr-mus LD50:171 mg/kg RPTOAN 40,69,77

DH6479000 BENZOIC ACID, p-(2-PIPERIDINOPROPIONAMIDO)-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8408 MW: 340.89 MOLFM: C17-H24-N2-O3-Cl-H
SYN: p-(2-PIPERIDINOPROPIONAMIDO)BENZOIC ACID ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2 gm/kg YKKZAJ 82,783,62
BENZOIC ACID, 3-((2-PROPENYLAMINO)THIOXOMETHYL)AMINO)-, MONOCOPPER(1 -), MONOSODIUM SALT see: DG0970000

DH6488700 BENZOIC ACID, 3-PROPIONAMIDO-2,4,6-TRIIODO-
UPDT:8405 MW: 570.89 MOLFM: C10-H8-I3-N-O3
SYN: 3-PROPIONAMIDO-2,4,6-TRIIODOBENZOIC ACID * 3-PROPIONYLAMINO-2,4,6-TRIIODOBENZOIC ACID
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:8100 mg/kg JAPMAB 42,721,53

DH6490000 BENZOIC ACID, p-PROPOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8412 CAS: 2350-31-4 MW: 315.88 MOLFM: C16-H25-N-O3-Cl-H
SYN: beta-DIETHYLAMINOETHYL 4-PROPOXY BENZOATE HYDROCHLORIDE * p-PROPOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:254 mg/kg JPPMAB 6,119,54
scu-mus LDLo:230 mg/kg JPETAB 61,107,37

DH6495000 BENZOIC ACID, p-PROPOXY-, 3-DIETHYLAMINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8412 MW: 329.91 MOLFM: C17-H27-N-O3-Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:142 mg/kg JPPMAB 6,119,54

DH6496000 BENZOIC ACID, p-PROPOXY-, 2-DIMETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8410 MW: 287.82 MOLFM: C14-H21-N-O3-Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:242 mg/kg JPPMAB 6,119,54

DH6508300 BENZOIC ACID, p-PROPOXY-, 2-(1-PYRROLIDINYL)ETHYL ESTER, HYDROCHLORIDE
UPDT:8412 MW: 313.86 MOLFM: C16-H23-N-O3-Cl-H
SYN: p-PROPOXYBENZOIC ACID 2-(1-PYRROLIDINYL)ETHYL ESTER HYDROCHLORIDE * 1-RBO-12-A
IRRITATION DATA AND REFERENCES:
skn-rbt 1 pph MLD AIPTAK 137,410,62
eye-rbt 1 pph MLD AIPTAK 137,410,62
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:158 mg/kg AIPTAK 137,410,62

DH6508400 BENZOIC ACID, p-PROPOXY-, 3-(1-PYRROLIDINYL)PROPYL ESTER, HYDROCHLORIDE
UPDT:8410 MW: 327.89 MOLFM: C17-H25-N-O3-Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:73 mg/kg JPPMAB 6,119,54

DH6512200 BENZOIC ACID, p-(PROPYLAMINO)-, 3-(DIETHYLAMINO)-2-HYDROXYPROPYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 372.87 MOLFM: C11-H28-N2-O3-Cl-H
SYN: 3-(DIETHYLAMINO)-2-HYDROXYPROPYL p-(PROPYLAMINO)BENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:10 mg/kg ARZNAD 17,1491,67

DH6512820 BENZOIC ACID, p-((2-PROPYLBENZIMIDAZOL-1-YLMETHYL)AMINO)-, HYDRAZIDE
UPDT:8312 CAS: 36841-34-6 MW: 322.44 MOLFM: C18-H21-N5-O
SYN: p-((2-PROPYLBENZIMIDAZOL-1-YLMETHYL)AMINO)BENZOIC ACID HYDRAZIDE
TOXICITY DATA AND REFERENCES:
1F17 ipr-mus LD50:500 mg/kg JPMSAE 61,1322,72
BENZOIC ACID, 2-((3-PYRIDINYLCARBONYL)AMINO)- (9CI) see: CB3590000

DH6577000 BENZOIC ACID, 2-((3-PYRIDINYLCARBONYL)AMINO)-, METHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 CAS: 51658-07-2 MW: 292.74 MOLFM: C14-H12-N2-O3-Cl-H
SYN: 2-((3-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID METHYL ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:695 mg/kg FAVUAI 9,17,77

DH6577010 BENZOIC ACID, 2-((4-PYRIDINYLCARBONYL)AMINO)-, METHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 CAS: 51658-09-4 MW: 292.74 MOLFM: C14-H12-N2-O3-Cl-H
SYN: 2-((4-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID METHYL ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:382 mg/kg FAVUAI 9,17,77

DH6577100 BENZOIC ACID, 3-((3-PYRIDINYLCARBONYL)AMINO)-, METHYL ESTER, N-OXIDE
UPDT:8405 CAS: 65101-44-2 MW: 277.28 MOLFM: C14-H12-N2-O4
SYN: 3-((3-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID METHYL ESTER N-OXIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:980 mg/kg FAVUAI 9,17,77

DH6577110 BENZOIC ACID, 3-((4-PYRIDINYLCARBONYL)AMINO)-, METHYL ESTER, N-OXIDE
UPDT:8405 CAS: 65101-47-5 MW: 277.28 MOLFM: C14-H12-N2-O4
SYN: 3-((4-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID METHYL ESTER N-OXIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:760 mg/kg FAVUAI 9,17,77

DH6577300 BENZOIC ACID, 3-((3-PYRIDINYLCARBONYL)AMINO)-, N-OXIDE
UPDT:8405 CAS: 62833-95-8 MW: 258.25 MOLFM: C13-H10-N2-O4
SYN: 3-((3-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID N-OXIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1120 mg/kg FAVUAI 9,17,77

DH6577310 BENZOIC ACID, 3-((4-PYRIDINYLCARBONYL)AMINO)-, N-OXIDE
UPDT:8405 CAS: 62833-96-9 MW: 258.25 MOLFM: C13-H10-N2-O4
SYN: 3-((4-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID N-OXIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1720 mg/kg FAVUAI 9,17,77

DH6577320 BENZOIC ACID, 4-((3-PYRIDINYLCARBONYL)AMINO)-, N-OXIDE
UPDT:8405 CAS: 62833-97-0 MW: 258.25 MOLFM: C13-H10-N2-O4
SYN: 4-((3-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID N-OXIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1630 mg/kg FAVUAI 9,17,77
BENZOIC ACID, 8-QUINOLYL ESTER see: VC4440000

DH6650000 BENZOIC ACID, SODIUM SALT
UPDT:8408 CAS: 532-32-1 MW: 144.11 MOLFM: C7-H5-O2-Na
SYN: ANTIMOL * BENZOATE OF SODA * BENZOATE SODIUM * BENZOESAEURE (Na-SALZ) (German) * SOBENATE * SODIUM BENZOATE * SODIUM BENZOIC ACID
MUTATION DATA AND REFERENCES:
cyt-ham:lng 1 gm/L ARTODN (Suppl 4),41,80
cyt-ham:fbr 2 gm/L/48H MUREAV 48,337,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T55T42T46 orl-rat TDLo:44 gm/kg (1-22D preg) ESKHA5 96,47,78
1T75 orl-rat TDLo:44 gm/kg (1-22D preg) ESKHA5 96,47,78
1T34 ipr-rat TDLo:3 gm/kg (12-14D preg) TXAPA9 19,373,71
1T35 ipr-rat TDLo:300 mg/kg (12-14D preg) TXAPA9 19,373,71
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4070 mg/kg JIHTAB 30,63,48
scu-rat LDLo:22 gm/kg RMSRA6 15,561,1895
ivn-rat LD50:1714 ug/kg JAPMAB 32,44,43
ivn-mus LD50:1440 mg/kg MECHAN 6,290,63
* orl-dog LDLo:2018 mg/kg TJADAB 20,413,79
orl-rbt LDLo:2000 mg/kg HBAMAK 4,1313,35
scu-rbt LDLo:2000 mg/kg HBAMAK 4,1313,35
ipr-gpg LDLo:1400 mg/kg HBAMAK 4,1313,35
scu-frg LDLo:100 mg/kg HBAMAK 4,1313,35
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZOIC ACID p-SULFAMIDE see: DH6820000

DH6820000 BENZOIC ACID, p-SULFAMOYL-
UPDT:8406 CAS: 138-41-0 MW: 201.21 MOLFM: C7-H7-N-O4-S
SYN: BENZOIC ACID, 4-(AMINOSULFONYL)- (9CI) * BENZOIC ACID p-SULFAMIDE * p-CARBOXYBENZENESULFONAMIDE * 4-CARBOXYBENZENESULFONAMIDE * CARZENID * CARZENIDE * DIRNATE * p-SULFAMOYLBENZOIC ACID * 4-SULFAMOYLBENZOIC ACID * p-SULFAMYLBENZOIC ACID * p-SULFONAMIDOBENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:350 mg/kg PHARAT 38,102,83

DH6832000 BENZOIC ACID, 3,3'-(SULFONYLBIS(ETHYLENECARBONYLIMINO))BIS(5-(N-ETHYLACETAMIDO)-2,4,6- TRIIODO-, DISODIUM SALT
UPDT:8303 MW: 1418.02 MOLFM: C28-H26-I6-N4-O10-S-2Na
SYN: IOSULAMIDE SODIUM * SODIUM IOSULAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:12966 mg/kg INVRAV 15(Suppl 6),142,80
* ivn-mus LD50:16019 mg/kg INVRAV 15(Suppl 6),142,80

DH6833000 BENZOIC ACID, 2,3,4,5-TETRACHLORO-
UPDT:8402 CAS: 50-74-8 MW: 259.89 MOLFM: C7-H2-Cl4-O2
SYN: 2,3,4,5-TETRACHLOROBENZOIC ACID
TOXICITY DATA AND REFERENCES:
2F21F23 ipr-mus LD50:562 mg/kg JMCMAR 11,1020,68

DH6834000 BENZOIC ACID, 2,3,5,6-TETRACHLORO-
UPDT:8402 CAS: 50-38-4 MW: 259.89 MOLFM: C7-H2-Cl4-O2
SYN: TBA * 2,3,5,6-TETRACHLOROBENZOIC ACID
TOXICITY DATA AND REFERENCES:
2F21F23 ipr-mus LD50:237 mg/kg JMCMAR 11,1020,68

DH6836000 BENZOIC ACID, 3,3'-(TETRAMETHYLENEBIS(CARBONYLIMINO))BIS(2,4,6-TRIIODO-, DISODIUM SALT
UPDT:8405 MW: 1183.72 MOLFM: C20-H12-I6-N2-O6-2Na
SYN: ADIPIC ACID DI-(3-CARBOXY-2,4,6-TRIIODO-ANILIDE) DISODIUM * ADIPINSAEURE-DI-(3-CARBOXY-2,4,6-TRIJOD-ANILID) DINATRIUM (German) * BILIGRAFIN NATRIUM (German) * BILIGRAFIN SODIUM
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:3800 mg/kg ARZNAD 14,451,64
* ivn-mus LD50:3200 mg/kg ARZNAD 14,451,64
* ivn-dog LD50:1900 mg/kg ARZNAD 14,451,64

DH6841000 BENZOIC ACID, THIO-, S-2-AMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8311 MW: 217.73 MOLFM: C9-H11-N-O-S-Cl-H
SYN: S-BENZOYL-2-MERCAPTOETHYLAMINE HYDROCHLORIDE * THIOBENZOIC ACID S-2-AMINOETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:350 mg/kg JPMSAE 51,168,62

DH7000000 BENZOIC ACID, p-alpha-TOLUENESULFONAMIDO-, SODIUM SALT
UPDT:8401 CAS: 64050-44-8 MW: 313.32 MOLFM: C14-H12-N-O4-S-Na
SYN: 4-CARBOXYPHENYLMETHANESULFONANILIDE SODIUM SALT
TOXICITY DATA AND REFERENCES:
orl-mus LD50:2450 mg/kg JPETAB 91,263,47
scu-mus LD50:1650 mg/kg JPETAB 91,263,47
ivn-mus LD50:1300 mg/kg JPETAB 91,263,47
ivn-dog LD50:1693 mg/kg JPETAB 91,263,47
ivn-rbt LD50:1419 mg/kg JPETAB 91,263,47

DH7050000 BENZOIC ACID, p-TOLYL ESTER
UPDT:8411 CAS: 614-34-6 MW: 212.26 MOLFM: C14-H12-O2
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 21,833,83

DH7700000 BENZOIC ACID, 2,3,6-TRICHLORO-
UPDT:8405 CAS: 50-31-7 MW: 225.45 MOLFM: C7-H3-Cl3-O2
SYN: BENZABAR * BENZAC * BENZAC-1281 * FEN-ALL * HC 1281 * NCI-C60242 * 1-2 * TBA * 2,3,6-TBA * 2,3,6-TBA(THE HERBICIDE) * TCB * 2,3,6-TCB * TCBA * 2,3,6-TCBA * TRIBAC * 2,3,6-TRICHLORBENZOESAEURE (German) * TRICHLOROBENZOIC ACID * 2,3,6-TRICHLOROBENZOIC ACID * TRYBEN * TRYSBEN * TRYSBEN 200 * ZOBAR
TOXICITY DATA AND REFERENCES:
orl-rat LD50:650 mg/kg HYSAAV 35(7-9),14,70
ipr-rat LD50:1000 mg/kg GUCHAZ 6,515,73

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

	orl-mus LD50:615 mg/kg		HYSAAV 35(7-9),14,70
2F21F23	ipr-mus LD50:178 mg/kg		JMCMAR 11,1020,68
	scu-mus LD50:1590 mg/kg		BCPCA6 13,1538,64
	orl-rbt LD50:812 mg/kg		HYSAAV 35(7-9),14,70
	orl-gpg LD50:1218 mg/kg		HYSAAV 35(7-9),14,70
	unk-mam LD50:700 mg/kg		30ZDA9 -,145,71

BENZOIC ACID, 2,3,5-TRICHLORO-6-METHOXY- (9CI) see: BZ5075000

BENZOIC ACID, 2-((3-(TRIFLUOROMETHYL)PHENYL)AMINO)- (9CI) see: CB4375000

DH8511000 BENZOIC ACID, 2-((3-(TRIFLUOROMETHYL)PHENYL)AMINO)-, BUTYL ESTER

UPDT:8408 CAS: 67330-25-0 MW: 337.37 MOLFM: C18-H18-F3-N-O2

SYN: ANTHRANILIC ACID, N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-, BUTYL ESTER * BUTYL FLUFENAMATE * BUTYL o-((m-(TRIFLUOROMETHYL)PHENYL)AMINO)BENZOATE * BUTYL 2-((3-(TRIFLUOROMETHYL)PHENYL)AMINO)BENZOATE * HF 264 * N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ANTHRANILIC ACID BUTYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:660 mg/kg (7-17D preg)	KSRNAM 13,3288,79
1T81	orl-rat TDLo:990 mg/kg (7-17D preg)	KSRNAM 13,3288,79
1T71	orl-rat TDLo:150 mg/kg (17-21D preg)	KSRNAM 13,3302,79
1T02	orl-rat TDLo:3720 mg/kg (31D male)	OYYAA2 18,597,79
1T34	orl-rbt TDLo:1560 mg/kg (6-18D preg)	AMBNAS 27,33,79

TOXICITY DATA AND REFERENCES:

3F25K12R21	orl-rat LD50:510 mg/kg	OYYAA2 18,845,79
3F25K12R21	ipr-rat LD50:4550 mg/kg	OYYAA2 18,845,79
3F25K12R21	scu-rat LD50:7800 mg/kg	OYYAA2 18,845,79
3F25J22K12	ivn-rat LD50:650 mg/kg	OYYAA2 18,845,79
3F25K12R21	orl-mus LD50:3100 mg/kg	OYYAA2 18,845,79
3F25K12R21	ipr-mus LD50:4100 mg/kg	OYYAA2 18,845,77
*	ivn-mus LD50:610 mg/kg	IYKEDH 14,297,83
3F15F18K13	ipr-dog LD50:1500 mg/kg	OYYAA2 18,845,79
3F15F18K13	scu-dog LD50:9300 mg/kg	OYYAA2 18,845,79
3F25J12U01	ipr-rbt LD50:11500 mg/kg	OYYAA2 18,845,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOIC ACID, 2-((3-TRIFLUOROMETHYL)PHENYL)AMINO)-, 2-(2-HYDROXY ETHOXY)ETHYL ESTER (9CI) see: CB4400000

DH8520000 BENZOIC ACID, 2-(8'-TRIFLUOROMETHYL-4'-QUINOLYLAMINO)-, 2,3-DIHYDROXYPROPYL ESTER

UPDT:8403 CAS: 23779-99-9 MW: 406.39 MOLFM: C20-H17-F3-N2-O4

SYN: 4-(o-(2',3'-DIHYDROXYPROPYLOXYCARBONYL)PHENYL) AMINO-8-TRIFLUOROMETHYLQUINOLINE * 2,3-DIHYDROXYPROPYL N-(8-(TRIFLUOROMETHYL)-4-QUINOLYL)ANTHRANILATE * DIRALGAN * FLOCTAFENINE * IDARAC * NOVODOLAN * R 4318 * RU 15750 * 8-TRIFLUOROMETHYL-7-DESCHLOROGLAFENINE * 2-((8-TRIFLUOROMETHYL-4-QUINOLYLAMINO)BENZOIC ACID 2,3-DIHYDROXY PROPYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-rat TDLo:1500 mg/kg (30D pre)	YACHDS 9(Suppl 2),299,81
1T02	orl-rat TDLo:9 gm/kg (30D male)	YACHDS 9(Suppl 2),299,81
1T46	orl-mus TDLo:700 mg/kg (1-7D preg)	YACHDS 9(Suppl 2),325,81
1T26	orl-rbt TDLo:1300 mg/kg (6-18D preg)	YACHDS 9(Suppl 2),379,81

TOXICITY DATA AND REFERENCES:

3F05F17K06	orl-rat LD50:535 mg/kg	YACHDS 9(Suppl 2),299,81
3F17F24P01	ipr-rat LD50:250 mg/kg	YACHDS 9(Suppl 2),299,81
	ivn-rat LD50:160 mg/kg	TXAPA9 36,173,76
3F05F17K06	orl-mus LD50:1960 mg/kg	YACHDS 9(Suppl 2),299,81
	ipr-mus LD50:245 mg/kg	TXAPA9 36,173,76
	ivn-mus LD50:180 mg/kg	TXAPA9 36,173,76
	orl-rbt LD50:700 mg/kg	TXAPA9 36,173,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOIC ACID, m-TRIFLUOROMETHYL-, THALLIUM SALT see: XU2450000

BENZOIC ACID, 3,4,5-TRIHYDROXY- see: LW7525000

BENZOIC ACID, 3,4,5-TRIHYDROXY-, METHYL ESTER see: LW8000000

BENZOIC ACID, 3,4,5-TRIHYDROXY-, PROPYL ESTER see: LW8400000

DH9275000 BENZOIC ACID, 2,3,5-TRIIODO-

UPDT:8405 CAS: 88-82-4 MW: 499.80 MOLFM: C7-H3-I3-O2

SYN: FLORALTONE * JOHNKOLOR * REGIM 8 * REGIN 8 * TIB * TIBA * 2,3,5-TIBA * TRIIODOBENZOIC ACID * 2,3,5-TRIIODOBENZOIC ACID

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:813 mg/kg	GUCHAZ 6,504,73
	orl-mus LD50:1100 mg/kg	GUCHAZ 6,504,73
2F21F23	ipr-mus LD50:562 mg/kg	JMCMAR 11,1020,68

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DH9293000 BENZOIC ACID, 3-(3,4,5-TRIIODOBENZENESULFONAMIDO)-

UPDT:8405 MW: 654.98 MOLFM: C13-H5-I3-N-O4-S

SYN: 3-(3,4,5-TRIIODOBENZENESULFONAMIDO)BENZOIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:5000 mg/kg	JAPMA8 43,495,54

DH9293500 BENZOIC ACID, 4-(3,4,5-TRIIODOBENZENESULFONAMIDO)-

UPDT:8405 MW: 654.98 MOLFM: C13-H5-I3-N-O4-S

SYN: 4-N-(3,4,5-TRIIODOBENZENESULFONAMIDO)BENZOIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:5000 mg/kg	JAPMA8 43,495,54

DH9300000 BENZOIC ACID, 2,4,6-TRIIODO-3,5-DIPROPIONAMIDO-, SODIUM SALT

UPDT:8408 CAS: 129-57-7 MW: 663.96 MOLFM: C13-H12-I3-N2-O4-Na

SYN: 3,5-DIPROPIONAMIDO-2,4,6-TRIIODOBENZOIC ACID SODIUM SALT * DIPROTRIZOATE SODIUM * MIOKON SODIUM * SODIUM 3,5-DIPROPIONAMIDO-2,4,6-TRIIODOBENZOATE * SODIUM DIPROTRIZOATE * 2,4,6-TRIIODO-3,5-DIPROPIONAMIDOBENZOIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:11800 mg/kg	JACSAT 78,3210,56

DH9350000 BENZOIC ACID, 2,3,5-TRIIODO-, compd. with N-METHYLMETHANAMINE (1:1)

UPDT:8309 MW: 544.90 MOLFM: C7-H3-I3-O2 C2-H7-N

SYN: FLORALTONE * N-METHYLMETHANAMINE compd. with 2,3,5-TRIIODOBENZOIC ACID (1:1) * REGIM-8 * TIBA * 2,3,5-TRIIODOBENZOIC ACID compd. with N-METHYLMETHANAMINE (1:1)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:813 mg/kg	FMCHA2 -,C236,83

DH9390000 BENZOIC ACID, 3,4,5-TRIMETHOXY-, 2-(AMINOIMINOMETHYL)HYDRAZIDE, SULFATE (2:1)

UPDT:8410 CAS: 38261-23-3 MW: 634.70 MOLFM: C22-H32-N8-O8 H2-O4-S

TOXICITY DATA AND REFERENCES:

2F12J30	ivn-mus LD50:55200 ug/kg	YKKZAJ 92,471,72

DI0250000 BENZOIC ACID, 3,4,5-TRIMETHOXY-, DIESTER with TETRAHYDRO-1H-1,4-DIAZEPINE-1,4(5H)DIPROPANOL, DIHYDROCHLORIDE

UPDT:8305 CAS: 20153-98-4 MW: 677.69 MOLFM: C31-H44-N2-O10 2Cl-H

SYN: ASTA C * ASTA C 4898 * N,N'-(BIS-omega-HYDROXYPROPYL)HOMOPIPERAZINE 3,4,5-TRIMETHOXYBENZOATE DIHYDROCHLORIDE * N,N-BIS(3-(3,4,5-TRIMETHOXYBENZOYLOXY)PROPYL)HOMOPIPERAZINE DIHYDROCHLORIDE * 1,4-BIS(3-(3,4,5-TRIMETHOXYBENZOYLOXY)-PROPYL)PERHYDRO-1,4-DIAZEPINE DIHYDROCHLORIDE * COMELIAN * CORMELIAN * DILAZEP DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2150 mg/kg	ARZNAD 22,667,72
	ipr-rat LD50:85 mg/kg	ARZNAD 22,667,72
*	scu-rat LD50:369 mg/kg	NIIRDN 6,364,82
*	ivn-rat LD50:13700 ug/kg	NIIRDN 6,364,82
*	orl-mus LD50:2860 mg/kg	NIIRDN 6,364,82
	ipr-mus LD50:161 mg/kg	ARZNAD 22,667,72
	scu-mus LD50:154 mg/kg	ARZNAD 22,667,72
*	ivn-mus LD50:16800 ug/kg	NIIRDN 6,364,82
	ivn-dog LD50:11 mg/kg	ARZNAD 22,667,72

DI0320000 BENZOIC ACID, 3,4,5-TRIMETHOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8303 CAS: 4304-21-6 MW: 347.88 MOLFM: C16-H25-N-O5 Cl-H

SYN: McN-67-A-11 * 3,4,5-TRIMETHOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 pph MLD	AIPTAK 137,410,62

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:303 mg/kg	AIPTAK 137,410,62

DI0330000 BENZOIC ACID, 3,4,5-TRIMETHOXY-, alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER, HYDROCHLORIDE

UPDT:8309 MW: 423.98 MOLFM: C22-H29-N-O5 Cl-H

SYN: 3,4,5-TRIMETHOXYBENZOIC ACID alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2C17F02	scu-mus LDLo:400 mg/kg	JACSAT 81,203,59

DI0500000 BENZOIC ACID, 3,4,5-TRIMETHOXY-, 1,2-ETHANEDIYLBIS(METHYLIMINO)(2-ETHYL-2,1-ETHANEDIYL) ESTER, DIHYDROCHLORIDE, (S-(R*,R*))-

UPDT:8411 CAS: 55769-64-7 MW: 693.74 MOLFM: C32-H48-N2-O10 2Cl-H

SYN: CRAVITEN * M 71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:1500 mg/kg (6-15D preg)	PJPPAA 32,893,80
1T59	orl-ham TDLo:2250 mg/kg (6-10D preg)	PJPPAA 32,893,80

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1500 mg/kg	DRFUD4 5,610,80
3F11F12F19	ipr-rat LD50:142 mg/kg	PJPPAA 32,823,80
*	ivn-rat LD50:13800 ug/kg	MEIEDD 10,212,83
	orl-mus LD50:4500 mg/kg	DRFUD4 5,610,80
3F11F12F19	ipr-mus LD50:550 mg/kg	PJPPAA 32,823,80
	ivn-mus LD50:18 mg/kg	DRFUD4 5,610,80
3F11F12F19	ivn-rbt LD50:5100 ug/kg	PJPPAA 32,823,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI0750000 BENZOIC ACID, 3,4,5-TRIMETHOXY-, IMIDAZOL-4-YLMETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8303 CAS: 18429-74-8 MW: 328.78 MOLFM: C14-H16-N2-O5 Cl-H

SYN: IMIDAZOLE-4-METHANOL 3,4,5-TRIMETHOXYBENZOATE (ester), HYDROCHLORIDE * 3,4,5-TRIMETHOXYBENZOIC ACID IMIDAZOL-4-YLMETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F05F17U26	ipr-mus LD50:1000 mg/kg	PCJOAU 2,360,68

BENZOIC ACID, 3,4,5-TRIMETHOXY-, 1-PHENETHYL-4-PIPERIDINYL ESTER, HYDROCHLORIDE see: TN7860000

DI0876700 BENZOIC ACID, 3,4,5-TRIMETHOXY-, 4-(4-PHENYL-1-PIPERAZINYL)BUTYL ESTER, DIHYDROCHLORIDE

UPDT:8308 MW: 501.50 MOLFM: C24-H32-N2-O5 2Cl-H

SYN: 4-(4-PHENYL-1-PIPERAZINYL)BUTYL 3,4,5-TRIMETHOXYBENZOATE DIHYDROCHLORIDE * 3,4,5-TRIMETHOXYBENZOIC ACID 4-(4-PHENYL-1-PIPERAZINYL)BUTYL ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F05F17F25	orl-rat LD50:2500 mg/kg	JMCMAR 6,133,63

DI0879200 BENZOIC ACID, 3,4,5-TRIMETHOXY-, 3-QUINUCLIDINYL ESTER, (+-)-

UPDT:8406 CAS: 87395-62-8 MW: 321.41 MOLFM: C17-H23-N-O5

SYN: (+-)-3,4,5-TRIMETHOXYBENZOIC ACID 3-QUINUCLIDINYL ESTER

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:18 mg/kg	JMCMAR 26,1772,83

BENZOIC ACID, 3,4,5-TRIMETHOXY-, 1-alpha-H,5-alpha-H-TROPAN-2-beta-YL ESTER, (-)- see: YM6065000

BENZOIC ACID, 3,4,5-TRIMETHOXY-, 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER, (+)- see: YM6060000

DI0889000 BENZOIC ACID, p-(3-(2,4,6-TRIMETHYLBENZOYL)ACRYLAMIDO)-, ETHYL ESTER

UPDT:8405 MW: 365.46 MOLFM: C22-H23-N-O4

SYN: p-CARBETHOXYANILIDE of beta-MESITOYLACRYLIC ACID * p-(3-(2,4,6-TRIMETHYLBENZOYL)ACRYLAMIDO)BENZOIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:75 mg/kg	JAPMA8 37,439,48

DI0894500 BENZOIC ACID, 4,4'-TRIMETHYLENEDI-, BIS(2-DIETHYLAMINOETHYL) ESTER, HYDROCHLORIDE

UPDT:8405 MW: 519.19 MOLFM: C29-H42-N2-O4 Cl-H

SYN: BIS(DIETHYLAMINOETHYL) 4,4'-DIPHENYL-1,3-PROPANEDICARBOXYLATE HYDROCHLORIDE * 4,4'-TRIMETHYLENEDIBENZOIC ACID BIS(2-DIETHYLAMINOETHYL) ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1C17	ipr-mus LD50:440 mg/kg	JAPMA8 45,382,56
1C17	ivn-mus LD50:58500 ug/kg	JAPMA8 45,382,56

DI0894600 BENZOIC ACID, 4,4'-TRIMETHYLENEDI-, BIS(2-DIMETHYLAMINOETHYL) ESTER, HYDROCHLORIDE

UPDT:8405 MW: 463.07 MOLFM: C25-H34-N2-O4 Cl-H

SYN: BIS(DIMETHYLAMINOETHYL) 4,4'-DIPHENYL-1,3-PROPANEDICARBOXYLATE HYDROCHLORIDE * 4,4'-TRIMETHYLENEDIBENZOIC ACID BIS(2-DIMETHYLAMINOETHYL) ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1C17	ipr-mus LD50:472 mg/kg	JAPMA8 45,382,56
1C17	ivn-mus LD50:70 mg/kg	JAPMA8 45,382,56

DI0905000 BENZOIC ACID, p-((TRIMETHYLSILYL)AMINO)-, 2-(DIETHYLAMINO)ETHYL ESTER

UPDT:8405 MW: 308.55 MOLFM: C16-H28-N2-O2-Si

SYN: p-((TRIMETHYLSILYL)AMINO)BENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER

TOXICITY DATA AND REFERENCES:

*	scu-rat LDLo:1250 mg/kg	ARPMAS 316,315,83

DI0920000 BENZOIC ACID, TRINITRO- (dry)

UPDT:8312 CAS: 129-66-8 MW: 257.13 MOLFM: C7-H3-N3-O8

SYN: TRINITROBENZOIC ACID, DRY (DOT) * UN 0215 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82

DI0940000 BENZOIC ACID, TRINITRO- (10% to 30% water)

UPDT:8312 CAS: 129-66-8 MW: 257.13 MOLFM: C7-H3-N3-O8

SYN: TRINITROBENZOIC ACID, wet, containing at least 10% water (DOT) * TRINITROBENZOIC ACID, wet, containing less than 30% water (DOT) * UN 0215 (DOT) * UN 1355 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82

★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82

DI1050000 BENZOIC ACID, VINYL ESTER

UPDT:8407 CAS: 769-78-8 MW: 148.17 MOLFM: C9-H8-O2

SYN: VINYL BENZOATE

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open	AMIHBC 10,61,54

BEST COPY AVAILABLE

eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3250 mg/kg AMIHBC 10,61,54
BENZOIC ALDEHYDE see: CU4375000
BENZOIC 3-CHLORO-N-ETHOXY-2,6-DIMETHOXYBENZIMIDIC ANHYDRIDE see: DF9700000
BENZOIC ETHER see: DH0200000
BENZOIC METHYL VIOLET LAKs see: GE4518000
o-BENZOIC SULFAMIDE see: DE4200000
BENZOIC SULPHAMIDE see: DE4200000
o-BENZOIC SULPHIMIDE see: DE4200000
BENZOIC TRICHLORIDE see: XT9275000
N-(2-BENZOILAMINOFENIL)GLIOSSALIL-N'-DIMETILAMMINOACETILIDRAZINA CLORIDRATO (Italian) see: MU7950000
N-BENZOIL-N'-N'-DI-n-PROPIL-DL-ISOGLUTAMINA (Italian) see: MA2830000
BENZOIMIDAZOLE see: BD5425000
DI1590000 BENZOIN
UPDT:8412 CAS: 119-53-9 MW: 212.26 MOLFM: C14-H12-O2
SYN: ACETOPHENONE, 2-HYDROXY-2-PHENYL- * BENZOYLPHENYLCARBINOL * BITTER ALMOND OIL CAMPHOR * ETHANONE, 2-HYDROXY-1,2-DIPHENYL- * alpha-HYDROXY-alpha-PHENYLACETOPHENONE * 2-HYDROXY-2-PHENYLACETOPHENONE * KETONE, alpha-HYDROXYBENZYL PHENYL * NCI-C50011
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-204,80)
REPORTED IN EPA TSCA INVENTORY, 1983
4,5-BENZO-2,3-1'2'-INDENOINDOLE (French) see: DE3050000
2,4-BENZOISOQUINOLINE see: SF7926000
BENZOL see: CY1400000
BENZOL (DOT) see: CY1400000
BENZOLE see: CY1400000
BENZO LEATHER BLACK E see: QJ6160000
BENZOLENE see: CY1400000
BENZOLIN see: GD3325000
BENZOLINE see: SE7555000
BENZOLIN HYDROCHLORIDE see: GD3325000
BENZOLIN (LOCAL ANESTHETIC) see: GD3325000
BENZOLO (Italian) see: CY1400000
BENZOLORM see: SH1750000
alpha-BENZOLYAMINO-beta-MERCAPTOISOVALERIC-THIOL ACID see: YV9392000
BENZOMARC see: CV3680000
BENZOMARC see: YS1800000
BENZOMATE see: DF9700000
7,8-BENZO-2-METHYL-2-AZASPIRO(4,5)DECANE-1,3-DIONE see: WH1317190
DI2230000 BENZO(a)NAPHTHO(8,1,2-cde)NAPHTHACENE
UPDT:8401 CAS: 192-70-1 MW: 352.44 MOLFM: C28-H16
SYN: NAPHTO(1,2-a)NAPHTACENE (French)
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scv-mus TDLo:72 mg/kg/9W-I CMDDAT 266,201,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DI2275000 BENZO(h)NAPHTHO(1,2-f)QUINOLINE
UPDT:8401 CAS: 196-79-2 MW: 279.35 MOLFM: C21-H13-N
SYN: PHENDIOX 2',5,6-CHRYSENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scv-mus TDLo:72 mg/kg/9W-I CORFAF 252,1711,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DI2350000 BENZO(b)NAPHTHO(2,3-d)THIOPHENE, 6,11-DIMETHYL-
UPDT:8401 CAS: 32362-60-8 MW: 262.38 MOLFM: C18-H14-S
SYN: 6,9-DIMETHYL-2,3-BENZTHIOPHANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V03B60V10 skn-mus TDLo:440 mg/kg/11W-I XPHPAW 149,477,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DI2351000 BENZO(b)NAPHTHO(1,2-d)THIOPHENE, 1-METHYL-
UPDT:8406 MW: 240.35 MOLFM: C17-H12-S
SYN: 1-METHYLBENZO(b)NAPHTHO(1,2-d)THIOPHENE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 135,97,84
DI2352000 BENZO(b)NAPHTHO(1,2-d)THIOPHENE, 3-METHYL-
UPDT:8406 MW: 240.35 MOLFM: C17-H12-S
SYN: 3-METHYLBENZO(b)NAPHTHO(1,2-d)THIOPHENE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 135,97,84
DI2353000 BENZO(b)NAPHTHO(2,1-d)THIOPHENE, 1-METHYL-
UPDT:8406 MW: 240.35 MOLFM: C17-H12-S
SYN: 1-METHYLBENZO(b)NAPHTHO(2,1-d)THIOPHENE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 135,97,84
DI2355000 BENZO(b)NAPHTHO(2,3-d)THIOPHENE, 4-METHYL-
UPDT:8406 CAS: 36821-06-6 MW: 240.35 MOLFM: C17-H12-S
SYN: 4-METHYLBENZO(b)NAPHTHO(2,3-d)THIOPHENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate MUREAV 135,97,84
DI2400000 BENZO(b)(1,5)NAPHTHYRIDINE, 7-CHLORO-10-(3-(N-(2-CHLOROETHYL)-N-ETHYL)AMINOPROPYLAMINO)- 2-METHOXY-, DIHYDROCHLORIDE
UPDT:8411 CAS: 30915-28-5 MW: 480.30 MOLFM: C20-H24-Cl2-N4-O 2Cl-H
SYN: ICR 340
MUTATION DATA AND REFERENCES:
mma-sat 500 ng/plate MUREAV 136,185,84
msc-ham-ovr 1 umol/L CNREA8 39,4875,79
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ivn-mus TDLo:4800 ug/kg CNREA8 36,2423,76
TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:7 mg/kg CNREA8 36,2423,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZONE see: UQ8225000
DI2450000 BENZONITRILE
UPDT:8412 CAS: 100-47-0 MW: 103.13 MOLFM: C7-H5-N
SYN: BENZENE, CYANO- * BENZENENITRILE * BENZOIC ACID NITRILE * BENZONITRILE (DOT) * CYANOBENZENE * PHENYL CYANIDE * UN 2224 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,723,79
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:720 mg/kg AMRL** TR-74-78,74
ihl-rat LCLo:950 ppm/8H AMRL** TR-74-78,74
skn-rat LD50:1200 mg/kg AMRL** TR-74-78,74
orl-mus LD50:1400 mg/kg AZMZA6 52(11),60,75
ihl-mus LC50:6000 mg/m3 AZMZA6 52(11),60,75
* ipr-mus LD50:400 mg/kg FCTXAV 17,723,79
* scv-mus LD50:180 mg/kg MEIEDD 10,156,83
2F11F12 orl-cat LD50:800 mg/kg FCTXAV 17,723,79
2F11F12 orl-rbt LD50:800 mg/kg FCTXAV 17,723,79
* ipr-rbt LD50:1250 mg/kg FCTXAV 17,723,79
scv-rbt LDLo:200 mg/kg AIPTAK 5,161,1899
* scu-pgn LDLo:500 mg/kg FCTXAV 17,723,79
scu-frg LDLo:1700 mg/kg AIPTAK 5,161,1899
STANDARDS & REGULATIONS:
★ DOT-HAZARD-COMBUSTIBLE LIQUID; LABEL-NONE CFRGBR 49,172.101,82
★ DOT-IMO-POISON B; LABEL-POISON CFRGBR 49,172.102,83
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
DI2452000 BENZONITRILE, m-(4-ACETYL-3-AMINO-5-METHYLPYRROL-2-YL)-
UPDT:8411 MW: 239.30 MOLFM: C14-H13-N3-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84
DI2454000 BENZONITRILE, m-AMINO-
UPDT:8403 CAS: 2237-30-1 MW: 118.15 MOLFM: C7-H6-N2
SYN: m-AMINOBENZONITRILE * 3-AMINOBENZONITRILE * m-ANTHRANILONITRILE * BENZONITRILE, 3-AMINO- (9CI) * m-CYANOANILINE * 3-CYANOANILINE
MUTATION DATA AND REFERENCES:
mma-sat 100 mg/L ENMUDM 5,803,83
BENZONITRILE, p-AMINO- (8CI) see: BX2320000
BENZONITRILE, 3-AMINO- (9CI) see: DI2454000
BENZONITRILE, 4-AMINO- (9CI) see: BX2320000
DI2459000 BENZONITRILE, p-(3-BENZYL-3-METHYL-1-TRIAZENO)-
UPDT:8403 CAS: 63542-21-4 MW: 250.33 MOLFM: C15-H14-N4
SYN: p-(3-BENZYL-3-METHYL-1-TRIAZENO)BENZONITRILE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:647 mg/kg JPMSAE 66,1416,77
DI2530000 BENZONITRILE, o-(3-(tert-BUTYLAMINO)-2-HYDROXYPROPOXY)-
UPDT:8403 CAS: 34915-68-9 MW: 248.36 MOLFM: C14-H20-N2-O2
SYN: BENZONITRILE, 5-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)- (9CI) * BUNITROLOL * o-(3-(tert-BUTYLAMINO)-2-HYDROXYPROPOXY)BENZONITRILE * RO 1368 * 2-NITRILO-N-tert-BUTYLPHENOXYPROPANOLAMINE * 2-PROPANOL, 2-(tert-BUTYLAMINO)-1-(o-CYANOPHENOXY)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:46 mg/kg EJPHAZ 17,341,72
DI2540000 BENZONITRILE, o-(3-(tert-BUTYLAMINO)-2-HYDROXYPROPOXY)-, MONOHYDROCHLORIDE
UPDT:8406 CAS: 23093-74-5 MW: 284.82 MOLFM: C14-H20-N2-O2-Cl-H
SYN: BENZONITRILE, 2-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-, HYDROCHLORIDE * BETRILOL * BUNITROLOL HYDROCHLORIDE * o-(3-tert-BUTYLAMINO-2-HYDROXYPROPOXY)BENZONITRILE HYDROCHLORIDE * o-(2-HYDROXY-3-(tert-BUTYLAMINO)PROPOXY)BENZONITRILE HYDROCHLORIDE * KO 1366-CL * KOE 1366 CHLORIDE * STRESSON
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T75T81 orl-rat TDLo:1350 mg/kg (17-22D preg/21D post) IYKEDH 12,976,81
2T46T81 orl-rat TDLo:3300 mg/kg (7-17D preg) IYKEDH 12,12,81
1T85 orl-rat TDLo:1100 mg/kg (7-17D preg) IYKEDH 12,12,81
1T12 orl-rat TDLo:140 mg/kg (28D pre) OYYAA2 9,465,75
1T03 orl-rat TDLo:18 gm/kg (60D male) IYKEDH 12,976,81
1T42 orl-rbt TDLo:325 mg/kg (6-18D preg) IYKEDH 12,12,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:639 mg/kg IYKEDH 14,484,83
* ipr-rat LD50:222 mg/kg IYKEDH 14,484,83
* scv-rat LD50:902 mg/kg IYKEDH 14,484,83
* ivn-rat LD50:69 mg/kg IYKEDH 14,484,83
2F19J26 orl-mus LD50:250 mg/kg IYKEDH 12,25,81
* ipr-mus LD50:264 mg/kg IYKEDH 14,484,83
* scu-mus LD50:542 mg/kg IYKEDH 14,484,83
3F12F19J22 ivn-mus LD50:264 mg/kg OYYAA2 9,457,75
* orl-dog LD50:490 mg/kg IYKEDH 14,484,83
* ivn-dog LD50:36 mg/kg IYKEDH 14,484,83
2F19J25 orl-rbt LD50:430 mg/kg IYKEDH 12,25,81
3F12F19J22 ivn-rbt LD50:26900 ug/kg OYYAA2 9,457,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DI2980000 BENZONITRILE, p-(3-(p-CHLOROBENZYL)-3-METHYL-1-TRIAZENO)-
UPDT:8403 CAS: 65542-22-5 MW: 284.77 MOLFM: C15-H13-Cl-N4
SYN: p-(3-(p-CHLOROBENZYL)-3-METHYL-1-TRIAZENO)BENZONITRILE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:552 mg/kg JPMSAE 66,1416,77
DI3150000 BENZONITRILE, 3,5-DIBROMO-4-HYDROXY-
UPDT:8403 CAS: 1689-84-5 MW: 276.91 MOLFM: C7-H3-Br2-N-O
SYN: BRITTOX * BROMINAL * BROMINIL * BROMINIL * BROMOXYNIL * BROXYNIL * BUCTRIL * BUCTRIL INDUSTRIAL * BUTYLCHLOROPOS * CMPCO BUCTRIL * CMPCO CRAB KLEEN * 2,6-DIBROMO-4-CYANOPHENOL * 3,5-DIBROMO-4-HYDROXYBENZONITRILE * 3,5-DIBROMO-4-HYDROXYPHENYLCYANIDE * ENT 20652 * 4-HYDROXY-3,5-DIBROMOBENZONITRILE * M& 10064 * M&B 10,064 * M&K BROMINAL * NU-LAWN WEEDER * OXYTRIL M
TOXICITY DATA AND REFERENCES:
orl-rat LD50:190 mg/kg WRPCA2 9,119,70
orl-mus LD50:110 mg/kg GUCHAZ 6,55,73
* ivn-mus LD50:56 mg/kg CSLNX* NX#02212
orl-rbt LD50:260 mg/kg BSDPAN -,-,71/76
orl-gpg LD50:63 mg/kg GUCHAZ 6,55,73
* orl-dck LD50:200 mg/kg DOEAAM 35,25,79
unk-mam LD50:190 mg/kg 30ZDA9 -,150,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DI3500000 BENZONITRILE, 2,6-DICHLORO-
UPDT:8403 CAS: 1194-65-6 MW: 172.01 MOLFM: C7-H3-Cl2-N
SYN: CARSORON * CASARON * CASORON * CASORON 133 * CODE H 133 * 2,6-DBN * DBN (THE HERBICIDE) * DCB * DECABANE * DICHLOBENIL * DICHLOBENIL (DOT) * 2,6-DICHLOROBENZONITRILE * DU-SPREE * H 133 * H 1313 * NA 2769 (DOT) * NIA 5996 * NIAGARA 5006 * NIAGARA 5996
TUMORIGENIC DATA AND REFERENCES:
2V03V10 ipr-mus TDLo:260 ug/kg/39D-I AAATAP 122,107,79
3V03L60V10 scu-mus TDLo:260 ug/kg/39D-I AAATAP 122,107,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2710 mg/kg BREVAH 10,97,65
unk-rat LD50:500 mg/kg 30ZDA9 -,145,71
orl-mus LD50:2056 mg/kg 28ZEAL 5,73,76
skn-rbt LD50:1350 mg/kg GUCHAZ 6,177,73
orl-gpg LD50:681 mg/kg PCOC** -,337,66
unk-mam LD50:1000 mg/kg 30ZDA9 -,144,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73
STANDARDS & REGULATIONS:
★ DOT-HAZARD-ORM-E; LABEL-NONE CFRGBR 49,172.101,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BEST COPY AVAILABLE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI4025000 BENZONITRILE, 3,5-DIIODO-4-HYDROXY-
UPDT:8309 CAS: 1689-83-4 MW: 370.91 MOLFM: C7-H3-I2-N-O
SYN: ACTRIL * BANTROL * BENTROL * BENZONITRILE, 4-HYDROXY-3,5-DIIODO- * CERTOL * CERTROL * 4-CYANO-2,6-DIIODOPHENOL * 4-CYANO-2,6-DIJODPHENOL (German) * 3,5-DIIODO-4-HYDROXYBENZONITRILE * 3,5-DIJOD-4-HYDROXY-BENZONITRIL (German) * 4-HYDROXY-3,5-DIIODOBENZONITRILE * IOTOX * IOXYNIL * LOXYNIL (German) * M&B 8873 * OXYTRIL * TOTRIL

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:28 mg/kg	ARTODN 37,241,77
	orl-rat LD50:110 mg/kg	WRPCA2 9,119,70
	skn-rat LDLo:210 ug/kg	GUCHAZ 6,304,73
*	ivn-mus LD50:56 mg/kg	CSLNX* NX#02818
	unk-mus LD50:230 ug/kg	GUCHAZ 6,304,73
	unk-rbt LD50:180 ug/kg	GUCHAZ 6,304,73
	unk-mam LD50:120 mg/kg	30ZDA9 -,149,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZONITRILE, 2-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)- (9CI) see: DI2530000
BENZONITRILE, 2-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-, HYDROCHLORIDE see: DI2540000
BENZONITRILE (DOT) see: DI2450000

DI4375000 BENZONITRILE, p-HYDROXY-
UPDT:8406 CAS: 767-00-0 MW: 119.13 MOLFM: C7-H5-N-O
SYN: 4-HYDROXYBENZONITRILE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:450 mg/kg	APFRAD 41,391,83
	ipr-mus LD50:200 mg/kg	NTIS** AD691-490

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DI4400000 BENZONITRILE, p-(((17-beta-HYDROXY-5-alpha-ANDROSTAN-3-YLIDENE)AMINO)OXY)-
UPDT:8401 CAS: 64584-57-2 MW: 394.61 MOLFM: C25-H34-N2-O2
SYN: p-(((17 beta)-HYDROXY-5-alpha-ANDROSTAN-3-YLIDENE)AMINO)OXY)BENZONITRILE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T2S	orl-rat TDLo:160 mg/kg (9-12D preg)	JMCMAR 20,1546,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZONITRILE, 4-HYDROXY-3,5-DIIODO- see: DI4025000
BENZONITRILE, p-HYDROXY-, O-ESTER with O-ETHYL PHENYLPHOSPHONOTHIOLATE see: TB1750000

DI4610000 BENZONITRILE, o-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-
UPDT:8402 CAS: 38555-97-6 MW: 234.33 MOLFM: C13-H18-N2-O2
SYN: o-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)BENZONITRILE * RO 1313 * 2-NITRILO N-ISOPROPYL PHENOXYPROPANOLAMINE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:62 mg/kg	EJPHAZ 17,341,72

DI4620000 BENZONITRILE, p-(IMIDAZO(2,1-a)ISOQUINOLIN-2-YL)-
UPDT:8405 MW: 269.32 MOLFM: C18-H11-N3
SYN: 2-(4-CYANOPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE * p-(IMIDAZO(2,1-a)ISOQUINOLIN-2-YL)BENZONITRILE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T2F	scu-ham TDLo:15 mg/kg (4-8D preg)	ARZNAD 33,1222,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI4625000 BENZONITRILE, o-(2H-INDAZOL-2-YL)-
UPDT:8303 MW: 219.26 MOLFM: C14-H9-N3
SYN: o-(2H-INDAZOL-2-YL)BENZONITRILE * M.G. 18867

TOXICITY DATA AND REFERENCES:

3F05F11F19	ipr-mus LD50:600 mg/kg	FRPSAX 36,1037,81

DI4650000 BENZONITRILE, p-ISOPROPYL-
UPDT:8411 CAS: 13816-33-6 MW: 145.22 MOLFM: C10-H11-N

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTOD7 21,837,83

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3900 mg/kg	FCTOD7 21,837,83

DI4700000 BENZONITRILE, p-(3-MERCAPTO-as-TRIAZIN-5-YL)-
UPDT:8305 MW: 214.26 MOLFM: C10-H6-N4-S
SYN: p-(3-MERCAPTO-as-TRIAZIN-5-YL)BENZONITRILE

TOXICITY DATA AND REFERENCES:

1C08	ipr-rat LD50:500 mg/kg	AIPTAK 95,123,53

DI4710000 BENZONITRILE, 3-((4-(5-(METHOXYMETHYL)-2-OXO-3-OXAZOLIDINYL)PHENOXY)METHYL)-
UPDT:8305 CAS: 73815-11-9 MW: 338.39 MOLFM: C19-H18-N2-O4
SYN: MD 780515 * 3-((4-(5-(METHOXYMETHYL)-2-OXO-3-OXAZOLIDINYL)PHENOXY)METHYL)BENZONITRILE

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:3000 mg/kg	AIPTAK 259,194,82
*	orl-mus LDLo:3000 mg/kg	AIPTAK 259,194,82
*	ipr-mus LD50:1000 mg/kg	AIPTAK 259,194,82

DI4850000 BENZONITRILE, p-((METHYLNITROSAMINO)METHYL)-
UPDT:8308 CAS: 84174-23-2 MW: 175.21 MOLFM: C9-H9-N3-O
SYN: p-((METHYLNITROSAMINO)METHYL)BENZONITRILE * N-NITROSO-N-(p-CYANOBENZYL)METHYLAMINE

MUTATION DATA AND REFERENCES:

	mma-sat 5 ug/plate	JMCMAR 26,309,83

DI4900000 BENZONITRILE, m-NITRO-
UPDT:8310 CAS: 619-24-9 MW: 148.13 MOLFM: C7-H4-N2-O2
SYN: BENZONITRILE, 3-NITRO- * m-CYANONITROBENZENE * 3-CYANONITROBENZENE * m-NITROBENZONITRILE * 3-NITROBENZONITRILE

MUTATION DATA AND REFERENCES:

	mma-sat 10 ug/plate	ENMUDM 4,163,82
	mma-sat 10 ug/plate	ENMUDM 4,163,82

TOXICITY DATA AND REFERENCES:

	ipr-mus LDLo:250 mg/kg	CBCCT* 6,216,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DI4903500 BENZONITRILE, p-NITRO-
UPDT:8406 CAS: 619-72-7 MW: 148.13 MOLFM: C7-H4-N2-O2
SYN: BENZONITRILE, 4-NITRO- (9CI) * p-CYANONITROBENZENE * 4-CYANONITROBENZENE * p-NITROBENZONITRILE * 4-NITROBENZONITRILE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:140 mg/kg	APFRAD 41,391,83

BENZONITRILE, 3-NITRO- see: DI4900000
BENZONITRILE, 4-NITRO- (9CI) see: DI4903500

DI4955000 BENZONITRILE, o-((4,5,6,7-TETRAHYDROTHIENO(3,2-c)PYRIDIN-5-YL)METHYL)-, METHANESULFONATE
UPDT:8406 MW: 350.48 MOLFM: C15-H14-N2-S2-C-H4-S-O3
SYN: 5-o-CYANOBENZYL-4,5,6,7-TETRAHYDROTHIENO(3,2-c)PYRIDINE METHANESULFONATE * o-((4,5,6,7-TETRAHYDROTHIENO(3,2-c)PYRIDIN-5-YL)METHYL)BENZONITRILE METHANESULFONATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:228 mg/kg	USXXAM #4400384
*	ipr-rat LD50:719 mg/kg	USXXAM #4400384
*	ivn-rat LD50:80200 ug/kg	USXXAM #4400384
*	orl-mus LD50:883 mg/kg	USXXAM #4400384
*	ipr-mus LD50:898 mg/kg	USXXAM #4400384
*	ivn-mus LD50:134 mg/kg	USXXAM #4400384

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

7,8-BENZO-3-OXA-1-AZASPIRO(4.5)DECANE 2,4-DIONE see: WH1316930
BENZOPENICILLIN see: XH9400000

DI5775000 BENZO(rst)PENTAPHENE
UPDT:8406 CAS: 189-55-9 MW: 302.38 MOLFM: C24-H14
SYN: 0,6a,1P * DIBENZO(a,i)PYRENE * DIBENZO(b,h)PYRENE * 1,2,7,8,6,5BENZOPYRENE * 3,4,9,10-DIBENZOPYRENE * DIBENZ(a,i)PYRENE * 1,2,7,8-DIBENZPYRENE * 3,4,9,10-DIBENZPYRENE * RCRA WASTE NUMBER U064

MUTATION DATA AND REFERENCES:

	mma-sat 20 ug/plate	PNASA6 72,5135,75
	mrc-esc 600 ug/well	MUREAV 46,53,77
	dnd-esc 10 umol/L	MUREAV 89,95,81
	otr-ham:kdy 80 ug/L	BJCAAI 37,873,78
	msc-ham:lng 30 ug/L	CNREA8 42,1646,82

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:47 mg/kg/39W-I	CANCAR 12,1079,59
2V03V10	scu-mus TDLo:1000 ug/kg	PEXTAR 11,384,69
2V02V10	scu-ham TDLo:2 mg/kg	NATUAS 203,308,64
2V03J60	itr-ham TDLo:33 gm/kg/8W-I	ZKKOBW 82,175,74
3V03J60L60	scu-mus TD :72 mg/kg/9W-I	COREAF 246,1477,58
3V03R60V10	skn-mus TD :141 mg/kg/47W-I	IJMRAQ 53,638,65
2V03V10	scu-ham TD :16 mg/kg	PEXTAR 11,384,69
2V03V10	scu-mus TD :80 mg/kg	IJMRAQ 53,638,65
2V03V10	scu-mus TD :4 mg/kg	PAACA3 13,37,72
2V03V10	scu-mus TD :4 mg/kg	NATUAS 192,286,61

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72

★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 3,215,73
★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 32,337,83

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI5950000 BENZO(rst)PENTAPHENE-5-CARBOXALDEHYDE
UPDT:8401 CAS: 63040-53-9 MW: 330.39 MOLFM: C25-H14-O
SYN: 5-FORMYL-3,4:9,10-DIBENZOPYRENE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:72 mg/kg/9W-I	COREAF 252,1236,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI6125000 BENZO(rst)PENTAPHENE-5-CARBOXALDEHYDE, 8-METHYL-
UPDT:8401 CAS: 63040-56-2 MW: 344.42 MOLFM: C26-H16-O
SYN: 5-FORMYL-8-METHYL-3,4:9,10-DIBENZOPYRENE * 8-METHYLBENZO(rst)PENTAPHENE-5-CARBOXALDEHYDE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:72 mg/kg/9W-I	COREAF 252,1236,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI6140000 BENZO(rst)PENTAPHENE, 2,10-DIFLUORO-
UPDT:8401 CAS: 61735-78-2 MW: 338.36 MOLFM: C24-H12-F2
SYN: 2,10-DIFLUOROBENZO(rst)PENTAPHENE * 2,10-DIFLUORODIBENZO(a,i)PYRENE

MUTATION DATA AND REFERENCES:

	mma-sat 12500 pmol/plate	CNREA8 41,2589,81

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:20 mg/kg	PAACA3 13,37,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI6147000 BENZO(rst)PENTAPHENE, 3-FLUORO-
UPDT:8401 CAS: 61735-77-1 MW: 320.37 MOLFM: C24-H13-F
SYN: 3-FLUOROBENZO(rst)PENTAPHENE

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-mus TDLo:20 mg/kg	JFLCAR 8,513,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI6155000 BENZO(rst)PENTAPHENE, 5-METHYL-
UPDT:8401 CAS: 32942-88-0 MW: 316.41 MOLFM: C25-H16
SYN: 5-METHYL-3,4:9,10-DIBENZPYRENE (French)

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:72 mg/kg/9W-I	COREAF 244,273,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOPERIDOL see: DE1925000
BENZOPERIDOL see: DE1900000
1,12-BENZOPERYLENE see: DI6200500

DI6200500 BENZO(ghi)PERYLENE
UPDT:8404 CAS: 191-24-2 MW: 276.34 MOLFM: C22-H12
SYN: 1,12-BENZOPERYLENE * 1,12-BENZPERYLENE

MUTATION DATA AND REFERENCES:

	mma-sat 2 ug/plate/48H	FCTXAV 17,141,79

REVIEW AND REFERENCES:

★	CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 32,195,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DI6201000 BENZO(ghi)PERYLENE, 5,8-DINITRO-
UPDT:8403 CAS: 83292-25-5 MW: 366.34 MOLFM: C22-H10-N2-O4
SYN: 5,8-DINITROBENZO(ghi)PERYLENE

MUTATION DATA AND REFERENCES:

	mma-sat 10 pmol/plate	ENMUDM 5,859,83

DI6202000 BENZO(ghi)PERYLENE, 5,10-DINITRO-
UPDT:8403 CAS: 83292-26-6 MW: 366.34 MOLFM: C22-H10-N2-O4
SYN: 5,10-DINITROBENZO(ghi)PERYLENE

MUTATION DATA AND REFERENCES:

	mma-sat 100 pmol/plate	ENMUDM 5,859,83

DI6220000 BENZO(ghi)PERYLENE, 5,6,7,8,9,10-HEXAHYDRO-
UPDT:8401 CAS: 35281-51-7 MW: 288.40 MOLFM: C20-H20
SYN: 5,6,7,8,9,10-HEXAHYDROBENZO(ghi)PERYLENE

MUTATION DATA AND REFERENCES:

	mma-sat 1 ug/plate	MUREAV 51,311,78

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DI6250000 BENZO(ghi)PERYLENE, METHYL-
UPDT:8401 CAS: 41699-09-6 MW: 290.37 MOLFM: C23-H14
SYN: METHYL-1,12-BENZOPERYLENE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:24 mg/kg	COREAF 245,991,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

DI6290000 BENZO(ghi)PERYLENE, 5-NITRO-
UPDT:8403 CAS: 81316-87-2 MW: 321.34 MOLFM: C22-H11-N-O2
SYN: 5-NITROBENZO(ghi)PERYLENE
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate ENMUDM 5,859,83

DI6300000 BENZO(a)PHENALENO(1,9-hi)ACRIDINE
UPDT:8401 CAS: 190-07-8 MW: 353.43 MOLFM: C27-H15-N
SYN: BENZO(c)PHENALENO(1,9-ij)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03P61P62 s.u-mus TDLo:72 mg/kg/9W-I BAFEAG 52,49,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(a)PHENALENO(1,9-ij)ACRIDINE see: DI6825000
BENZO(c)PHENALENO(1,9-ij)ACRIDINE see: DI6300000

DI6825000 BENZO(h)PHENALENO(1,9-bc)ACRIDINE
UPDT:8401 CAS: 190-03-4 MW: 353.43 MOLFM: C27-H15-N
SYN: BENZ(3)(a)PHENALENO(1,9-ij)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I BAFEAG 52,49,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI7000000 BENZO(a)PHENALENO(1,9-hi)ACRIDINE, 7-METHYL-
UPDT:8401 CAS: 1492-55-3 MW: 367.46 MOLFM: C28-H17-N
SYN: 7-METHYLBENZO(a)PHENALENO(1,9-hi)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03P61V10 scu-mus TDLo:72 mg/kg/9W-I BAFEAG 52,49,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI7175000 BENZO(h)PHENALENO(1,9-bc)ACRIDINE, 7-METHYL-
UPDT:8401 CAS: 1492-54-2 MW: 367.46 MOLFM: C28-H17-N
SYN: 7-METHYLBENZO(h)PHENALENO(1,9-bc)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03P61P62 scu-mus TDLo:72 mg/kg/9W-I BAFEAG 52,49,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,2-BENZOPHENANTHRENE see: GC0700000
2,3-BENZOPHENANTHRENE see: CV9275000
3,4-BENZOPHENANTHRENE see: DI8225000
9,10-BENZOPHENANTHRENE see: YK2925000
BENZO(a)PHENANTHRENE see: CV9275000
BENZO(a)PHENANTHRENE see: GC0700000
BENZO(b)PHENANTHRENE see: CV9275000

DI8225000 BENZO(c)PHENANTHRENE
UPDT:8403 CAS: 195-19-7 MW: 228.30 MOLFM: C18-H12
SYN: 3,4-BENZOPHENANTHRENE * 3,4-BENZPHENANTHRENE * TETRAHELICENE
MUTATION DATA AND REFERENCES:
mma-sat 25 nmol/plate CNREA8 40,2876,80
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:940 mg/kg/39W-I PRLBA4 117,318,35
3V03R60V10 skn-mus TDLo:1220 mg/kg/51W-I PRLBA4 129,439,40
3V03R60V10 skn-mus TDLo:1270 mg/kg/53W-I PRLBA4 123,343,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BSDHAX Pc,4,72
★ CARCINOGENIC REVIEW,ANIMAL INDEFINITE IARC** 32,205,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(def)PHENANTHRENE see: UR2450000
BENZO(l)PHENANTHRENE see: YK2925000

DI8300000 BENZO(c)PHENANTHRENE, 5-ACETYL-
UPDT:8401 CAS: 63018-98-4 MW: 270.34 MOLFM: C20-H14-O
SYN: 2-ACETYL-3,4-BENZPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V03K60R60 skn-mus TDLo:720 mg/kg/30W-I PRLBA4 131,170,42
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI8500000 BENZO(c)PHENANTHRENE-8-CARBOXALDEHYDE
UPDT:8401 CAS: 4466-76-6 MW: 256.31 MOLFM: C19-H12-O
SYN: 2-FORMYL-3,4-BENZPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 scu-mus TDLo:5200 mg/kg/52W-I PRLBA4 131,170,42
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI8520000 BENZO(c)PHENANTHRENE-3-alpha,4-beta-DIOL, 1,2,3,4-TETRAHYDRO-1-alpha,2-alpha-EPOXY-
UPDT:8412 MW: 278.32 MOLFM: C18-H14-O3
SYN: B(c)PH DIOL EPOXIDE-2 * (-)-3-alpha,4-beta-DIHYDROXY-1-alpha,2-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZO(c)PHENANTHRENE
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate CNREA8 40,2876,80
mma-sat 300 pmol/plate CRNGDP 4,1631,83
msc-ham:lng 200 nmol/L CNREA8 40,2876,80

DI8530000 BENZO(c)PHENANTHRENE-3-alpha,4-beta-DIOL, 1,2,3,4-TETRAHYDRO-1-beta,2-beta-EPOXY-, (+-)-
UPDT:8412 MW: 278.32 MOLFM: C18-H14-O3
SYN: B(c)PH DIOL EPOXIDE-1 * (-)-3-alpha,4-beta-DIHYDROXY-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZO(c)PHENANTHRENE
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate CNREA8 40,2876,80
msc-ham:lng 200 nmol/L CNREA8 40,2876,80

DI8575000 BENZO(c)PHENANTHRENE, 5-ETHYL-
UPDT:8401 CAS: 59965-27-4 MW: 256.36 MOLFM: C20-H16
SYN: 2-ETHYL-3,4-BENZPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 skn-mus TDLo:620 mg/kg/26W-I PRLBA4 131,170,42
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI8750000 BENZO(c)PHENANTHRENE, 5-ISOPROPYL-
UPDT:8401 CAS: 63020-53-1 MW: 270.39 MOLFM: C21-H18
SYN: 2-ISOPROPYL-3,4-BENZPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:720 mg/kg/30W-I PRLBA4 129,439,40
2V03K60 scu-mus TDLo:4600 mg/kg/69W-I PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI8925000 BENZO(c)PHENANTHRENE, 2-METHYL-
UPDT:8401 CAS: 2606-85-1 MW: 242.33 MOLFM: C19-H14
SYN: 6-METHYL-3,4-BENZPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-mus TDLo:11 gm/kg/56W-I PRLBA4 129,439,40
3V03R60V10 skn-mus TDLo:2100 mg/kg/88W-I PRLBA4 129,439,40
3V03T61V10 scu-mus TDLo:4400 mg/kg/67W-I PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI9100000 BENZO(c)PHENANTHRENE, 3-METHYL-
UPDT:8401 CAS: 2381-19-3 MW: 242.33 MOLFM: C19-H14
SYN: 7-METHYL-3,4-BENZPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V03P62R60 skn-mus TDLo:1850 mg/kg/77W-I PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI9275000 BENZO(c)PHENANTHRENE, 4-METHYL-
UPDT:8401 CAS: 4076-40-8 MW: 242.33 MOLFM: C19-H14
SYN: 8-METHYL-3,4-BENZPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-mus TDLo:14 gm/kg/71W-I PRLBA4 129,439,40
3V03R60V10 skn-mus TDLo:1460 mg/kg/61W-I PRLBA4 129,439,40
3V03K60R60 scu-mus TDLo:4600 mg/kg/68W-I PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI9450000 BENZO(c)PHENANTHRENE, 5-METHYL-
UPDT:8401 CAS: 652-04-0 MW: 242.33 MOLFM: C19-H14
SYN: 5-METHYLBENZO(c)PHENANTHRENE * 2-METHYL-3,4-BENZPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-mus TDLo:10 gm/kg/51W-I PRLBA4 129,439,40
3V03R60V10 skn-mus TDLo:480 mg/kg/17W-I PRLBA4 123,343,37
2V03V10 scu-mus TDLo:1800 mg/kg/27W-I PRLBA4 129,439,40
2V02J60 ivn-mus TDLo:10 mg/kg JNCIAM 1,225,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI9625000 BENZO(c)PHENANTHRENE, 6-METHYL-
UPDT:8401 CAS: 2381-34-2 MW: 242.33 MOLFM: C19-H14
SYN: 1-METHYL-3,4-BENZPHENANTHRENE * 6-METHYLBENZO(c)PHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:720 mg/kg/30W-I PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI9860000 BENZO(c)PHENANTHRENE, 5-PROPYL-
UPDT:8401 CAS: 63020-32-6 MW: 270.39 MOLFM: C21-H18
SYN: 2-n-PROPYL-3,4-BENZPHENANTHRENE * 5-PROPYLBENZO(c)PHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 skn-mus TDLo:1100 mg/kg/46W-I PRLBA4 131,170,42
3V03J60K60 scu-mus TDLo:5000 mg/kg/50W-I PRLBA4 131,170,42
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI9862000 BENZO(c)PHENANTHRIDIN-7(8H)-ONE, 9,10-DIHYDRO-
UPDT:8408 CAS: 2827-28-3 MW: 247.31 MOLFM: C17-H13-N-O
SYN: 9,10-DIHYDRO-BENZO(c)PHENANTHRIDIN-7(8H)-ONE * 7,8,9,10-TETRAHYDRO-7-OXO-BENZO(c)PHENANTHRIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-rat TDLo:70 mg/kg (7D male) JRPFA4 21,559,70
1T02 orl-rat TDLo:210 mg/kg (21D male) JRPFA4 21,559,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(b)(1,10)PHENANTHROLINE, 7-((3-((2-CHLOROETHYL)AMINO)PROPYL)AMINO)-, DIHYDROCHLORIDE see: TX7006000
BENZO(b)(1,10)PHENANTHROLINE, 7-((3-((2-CHLOROETHYL)ETHYLAMINO)PROPYL)AMINO)-, 2HCl see: TX7008000

DI9870000 BENZO(b)(1,10)PHENANTHROLINE, 7-(3-(N-(2-CHLOROETHYL)-N-PROPYLAMINO)PROPYLAMINO)- TRIHYDROCHLORIDE
UPDT:8401 CAS: 38915-59-2 MW: 516.38 MOLFM: C24-H27-Cl-N4 3Cl-H
SYN: 7-(3-(2-CHLOROETHYL n-PROPYLAMINO)PROPYLAMINO)BENZO(b)(1,10)-PHENANTHROLINE HYDROCHLORIDE * ICR 394
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate JMCMAR 15,739,72
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ivn-mus TDLo:1550 ug/kg CNREA8 36,2423,76
TOXICITY DATA AND REFERENCES:
ipr-mus LD20:1 mg/kg JMCMAR 15,739,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(6,7)PHENANTHRO(3,4-b)OXIRENE, 1a,2,3,11c-TETRAHYDRO- (9Cl) see: CX3154000

DI9874200 BENZO(5,6)PHENANTHRO(3,4-b)OXIRENE-2,3-DIOL, 1a,2,3,11d-TETRAHYDRO-, (1a-alpha,2-alpha, 3-beta,11d-alpha)-, (+)-
UPDT:8412 CAS: 76024-59-4 MW: 278.32 MOLFM: C18-H14-O3
MUTATION DATA AND REFERENCES:
mma-sat 200 pmol/L CNREA8 44,2320,84
msc-ham:lng 2 nmol/L CNREA8 44,2320,84

DI9874300 BENZO(5,6)PHENANTHRO(3,4-b)OXIRENE-2,3-DIOL, 1a,2,3,11d-TETRAHYDRO-, (1a-alpha,2-beta, 3-alpha,11d-alpha)-, (-)-
UPDT:8411 CAS: 76024-60-7 MW: 278.32 MOLFM: C18-H14-O3
MUTATION DATA AND REFERENCES:
mma-sat 300 pmol/L CNREA8 44,2320,84
msc-ham:lng 1 nmol/L CNREA8 44,2320,84

DI9874400 BENZO(5,6)PHENANTHRO(3,4-b)OXIRENE-2,3-DIOL, 1a,2,3,11d-TETRAHYDRO-, (1a-beta,2-alpha, 3-beta,11d-beta), (+)-
UPDT:8411 MW: 278.32 MOLFM: C18-H14-O3
MUTATION DATA AND REFERENCES:
mma-sat 300 pmol/L CNREA8 44,2320,84
msc-ham:lng 2 nmol/L CNREA8 44,2320,84

DI9874500 BENZO(5,6)PHENANTHRO(3,4-b)OXIRENE-2,3-DIOL, 1a,2,3,11d-TETRAHYDRO-, (1a-beta,2-beta,3-alpha, 11d-beta)-, (-)-
UPDT:8411 MW: 278.32 MOLFM: C18-H14-O3
MUTATION DATA AND REFERENCES:
mma-sat 600 pmol/L CNREA8 44,2320,84

DI9875000 BENZO(b)PHENANTHRO(3,2-d)THIOPHENE, 7,13-DIMETHYL-
UPDT:8401 CAS: 63042-50-2 MW: 312.44 MOLFM: C22-H16-S
SYN: 7,13-DIMETHYLBENZO(b)PHENANTHRO(3,2-d)THIOPHENE * 4,9-DIMETHYL-2,3,5,6-DIBENZOTHIOPHENTHRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:80 mg/kg JNCIAM 18,555,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DI9900000 BENZO(a)PHENARSAZINE, 12-CHLORO-7,12-DIHYDRO-8,11-DIMETHYL-
UPDT:8401 CAS: 64050-23-3 MW: 355.71 MOLFM: C18-H15-As-Cl-N
SYN: 10-CHLORO-6,9-DIMETHYL-5,10-DIHYDRO-3,4-BENZOPHENARSAZINE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:380 mg/kg/16W-I CRSBAW 145,1451,51
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

DI9942000 p-BENZOPHENETIDIDE, N-(DIETHYLCARBAMOYLMETHYL)-
UPDT:8410 MW: 354.49 MOLFM: C21-H26-N2-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1050 mg/kg YKKZAJ 81,659,61
DI9944000 p-BENZOPHENETIDIDE, N-(2-(DIMETHYLAMIKO)ETHYL)-, FUMARATE
UPDT:8408 MW: 428.53 MOLFM: C19-H24-N2-O2 C4-H4-O4
SYN: N-(2-(DIMETHYLAMINO)ETHYL) p-BENZOPHENETIDIDE FUMARATE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:372 mg/kg YKKZAJ 83,696,63
DI9945000 p-BENZOPHENETIDIDE, N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-, FUMARATE
UPDT:8408 MW: 442.56 MOLFM: C20-H26-N2-O2 C4-H4-O4
SYN: N-(2-(DIMETHYLAMINO)-1-METHYLETHYL) p-BENZOPHENETIDIDE FUMARATE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:280 mg/kg YKKZAJ 83,696,63
DI9946000 p-BENZOPHENETIDIDE, N-(3-(DIMETHYLAMINO)PROPYL)-, MALEATE
UPDT:8408 MW: 442.56 MOLFM: C20-H26-N2-O2 C4-H4-O4
SYN: BENZANILIDE, N-(3-(DIMETHYLAMINO)PROPYL)-4'-ETHOXY-, MALEATE * N-(3-(DIMETHYLAMINO)PROPYL)-4'-ETHOXYBENZANILIDE MALEATE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:181 mg/kg YKKZAJ 83,696,63
DI9947000 p-BENZOPHENETIDIDE, N-(DIMETHYLCARBAMOYLMETHYL)-
UPDT:8410 MW: 326.43 MOLFM: C19-H22-N2-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:240 mg/kg YKKZAJ 81,659,61
BENZOPHENONE-2 see: DJ1892000
BENZOPHENONE-3 see: DJ1575000
BENZOPHENONE 4 see: DB5044300 BENZENESULFONIC ACID, 5-BENZOYL-4-HYDROXY-2-METHOXY-
BENZOPHENONE-6 see: DJ0900000 BENZOPHENONE, 2,2'-DIHYDROXY-4,4'-DIMETHOXY-
BENZOPHENONE-8 see: DJ1049500
DJ0250000 BENZOPHENONE, 4,4'-BIS(DIMETHYLAMINO)-
UPDT:8412 CAS: 90-94-8 MW: 268.39 MOLFM: C17-H20-N2-O
SYN: p,p'-BIS(N,N-DIMETHYLAMINO)BENZOPHENONE * 4,4-BIS(DIMETHYLAMINO)BENZOPHENONE * BIS(p-(N,N-DIMETHYLAMINO)PHENYL)KETONE * BIS(4-(DIMETHYLAMINO)PHENYL)METHANONE * MICHLER KETONE * MICHLER'S KETONE * p,p-MICHLER'S KETONE * NCI-C02006 * TETRAMETHYLDIAMINOBENZOPHENONE
MUTATION DATA AND REFERENCES:
mma-sat 33 ug/plate IAPUDO 27,283,80
atr-rat-emb 1240 ng/plate JJATDK 1,190,81
dns-rat:lvr 5 mg/L MUREAV 97,359,82
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:15 gm/kg/78W-C NCITR* NCI-CG-TR-181,79
3V01H60L60 orl-mus TDLo:82 gm/kg/78W-C NCITR* NCI-CG-TR-181,79
2V01L60 orl-rat TD :27 gm/kg/78W-C NCITR* NCI-CG-TR-181,79
2V02L60 orl-rat TD :3 gm/kg/78W-C NCITR* NCI-CG-TR-181,79
2V03L60 orl-rat TD :10800 mg/kg/2Y-C TXAPA9 33,171,75
3V01H60L60 orl-mus TD :764 gm/kg/78W-C NCITR* NCI-CG-TR-181,79
2V03L60 orl-rat TD :18 gm/kg/2Y-C TXAPA9 33,171,75
2V03L60 orl-rat TD :22 gm/kg/2Y-C TXAPA9 33,171,75
2V03L60 orl-rat TD :36 gm/kg/2Y-C TXAPA9 33,171,75
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-181,79)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DJ0382000 BENZOPHENONE, 4'-CHLORO-3,5-DIMETHOXY-4-(2-MORPHOLINOETHOXY)-
UPDT:8410 CAS: 31848-01-8 MW: 405.91 MOLFM: C21-H24-Cl-N-O5
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:552 mg/kg GWXXBX #2016707
DJ0383000 BENZOPHENONE, 4'-CHLORO-3,5-DIMETHOXY-4-(2-(2-MORPHOLINOETHOXY)ETHOXY)-
UPDT:8410 CAS: 31858-72-7 MW: 449.97 MOLFM: C23-H28-Cl-N-O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg GWXXBX #2016707
DJ0384000 BENZOPHENONE, 2-CHLORO-4-(2,5-DIMETHYL-1-PYRROLYL)-4'-METHYL-
UPDT:8309 MW: 323.84 MOLFM: C20-H18-Cl-N-O
SYN: 2-CHLORO-4-(2,5-DIMETHYL-1-PYRROLYL)-4'-METHYLBENZOPHENONE * 2-CLORO-4-(2,5-DIMETIL-1-PIRRIL)-4'-METILBENZOFENONE (Italian)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1700 mg/kg FRPSAX 38,90,83
* ipr-mus LD50:1450 mg/kg FRPSAX 38,90,83
DJ0420000 BENZOPHENONE, 2-CHLORO-4'-METHYL-4-(1-PYRROLYL)-
UPDT:8309 MW: 295.78 MOLFM: C18-H14-Cl-N-O
SYN: 2-CHLORO-4'-METHYL-4-(1-PYRROLYL)BENZOPHENONE * 2-CLORO-4-(1-PIRRIL)-4'-METILBENZOFENONE (Italian)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1830 mg/kg FRPSAX 38,90,83
* ipr-mus LD50:1500 mg/kg FRPSAX 38,90,83
DJ0700000 BENZOPHENONE, 2,4-DIHYDROXY-
UPDT:8408 CAS: 131-56-6 MW: 214.23 MOLFM: C13-H10-O3
SYN: 2,4-DIHYDROXYBENZOPHENONE * EASTMAN INHIBITOR DHPB * QUINSORB 010 * SYNTASE 100 * UF 1 * UVINUL 400
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV 28ZPAK -,101,72
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9 gm/kg JACTDZ 2(5),35,83
ipr-mus LDLo:100 mg/kg NTIS** AD277-689
ivn-mus LD50:85 mg/kg BJPCAL 22,221,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
DJ0900000 BENZOPHENONE, 2,2'-DIHYDROXY-4,4'-DIMETHOXY-
UPDT:8408 CAS: 131-54-4 MW: 274.29 MOLFM: C15-H14-O5
SYN: BENZOPHENONE-6 * CYASORB UV 12 * METHANONE, BIS(2-HYDROXY-4-METHOXYPHENYL)- (9CI) * UVINUL D 49
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate JACTDZ 2(5),35,83
DJ1049500 BENZOPHENONE, 2,2'-DIHYDROXY-4-METHOXY-
UPDT:8401 CAS: 131-53-3 MW: 244.26 MOLFM: C14-H12-O4
SYN: BENZOPHENONE-8 * 2,2-DIHYDROXY-4-METHOXYBENZOPHENONE
MUTATION DATA AND REFERENCES:
mmo-sat 12500 ug/L ENMUDM 4,340,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
DJ1050000 BENZOPHENONE, 2,6-DIHYDROXY-4-METHOXY-
UPDT:8407 CAS: 479-21-0 MW: 244.26 MOLFM: C14-H12-O4
SYN: COTOIN * 2,6-DIHYDROXY-4-METHOXYBENZOPHENONE * (2,6-DIHYDROXY-4-METHOXYPHENYL)PHENYLMETHANONE * MONOMETHYLAETHER der 2,4,6-TRIOXYBENZOPHENON (German) * MONOMETHYL ETHER of 2,4,6-TRIHYDROXYBENZOPHENONE
TOXICITY DATA AND REFERENCES:
scu-frg LDLo:8 mg/kg BIZEA2 74,340,16

DJ1245000 BENZOPHENONE, 3,5-DIMETHOXY-4-(2-(2-MORPHOLINOETHOXY)ETHOXY)-, HYDROCHLORIDE
UPDT:8410 CAS: 31848-03-0 MW: 451.99 MOLFM: C23-H29-N-O6 Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:610 mg/kg GWXXBX #2016707
DJ1246000 BENZOPHENONE, 3,5-DIMETHOXY-4-(2-MORPHOLINOETHOXY)-, HYDROCHLORIDE
UPDT:8410 CAS: 31848-00-7 MW: 407.93 MOLFM: C21-H25-N-O5 Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:338 mg/kg GWXXBX #2016707
DJ1300000 BENZOPHENONE, αr,αr-DIMETHYL-
UPDT:8407 CAS: 1322-78-7 MW: 210.29 MOLFM: C15-H14-O
SYN: PHENYL XYLYL KETONE
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4920 mg/kg AMIHBC 4,119,51
* skn-rbt LD50:20 gm/kg AMIHBC 4,119,51
DJ1575000 BENZOPHENONE, 2-HYDROXY-4-METHOXY-
UPDT:8412 CAS: 131-57-7 MW: 228.26 MOLFM: C14-H12-O3
SYN: BENZOPHENONE 3 * CYASORB UV 9 * 2-HYDROXY-4-METHOXYBENZOPHENONE * (2-HYDROXY-4-METHOXYPHENYL)PHENYLMETHANONE * METHANONE, (2-HYDROXY-4-METHOXYPHENYL)PHENYL * 4-METHOXY-2-HYDROXYBENZOPHENONE * MOB * NCI-C60957 * NSC-7778 * OXYBENZONE * SPECTRA-SORB UV 9 * SYNTASE 62 * UF 3 * USAF CY-9 * UVINUL M-40
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 orl-rat TDLo:45 gm/kg (90D pre) FCTXAV 10,41,72
1T02 orl-rat TDLo:54 gm/kg (90D male) FCTXAV 10,41,72
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7400 mg/kg JACTDZ 2(5),35,83
ipr-mus LD50:300 mg/kg NTIS** AD277-689
STATUS:
NTP CARCINOGENESIS STUDIES, SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DJ1810000 BENZOPHENONE, OXIME
UPDT:8401 CAS: 574-66-3 MW: 197.25 MOLFM: C13-H11-N-O
SYN: BENZOPHENOXIME * DIPHENYL KETOXIME * DIPHENYLMETHANONE OXIME * (DIPHENYLMETHYLENE)HYDROXYLAMINE * METHANONE, DIPHENYL-, OXIME (9CI)
TOXICITY DATA AND REFERENCES:
1F02 unk-mus LD50:560 mg/kg PCJOAU 12,227,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
DJ1892000 BENZOPHENONE, 2,2',4,4'-TETRAHYDROXY-
UPDT:8405 CAS: 131-55-5 MW: 246.23 MOLFM: C13-H10-O5
SYN: BENZOPHENONE-2 * METHANONE, BIS(2,4-DIHYDROXYPHENYL)- (9CI) * 2,2',4,4'-TETRAHYDROXYBENZOPHENONE * 2,4,2',4'-TETRAHYDROXYBENZOPHENONE * THBP * UVINUL D-50 * UVINUL D-50
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD JACTDZ 2(5),35,83
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate FCTOD7 20,427,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1220 mg/kg JACTDZ 2(5),35,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
5H-BENZO(a)PHENOXAZIN-9-AMINE, 5-IMINO-N,N,10-TRIMETHYL-, MONOHYDROCHLORIDE see: DJ1927000
DJ1927000 5H-BENZO(a)PHENOXAZINE, 9-(DIMETHYLAMINO)-5-IMINO-10-METHYL-, MONOHYDROCHLORIDE
UPDT:8403 CAS: 18472-89-4 MW: 339.85 MOLFM: C19-H17-N3-O Cl-H
SYN: 5H-BENZO(a)PHENOXAZIN-9-AMINE, 5-IMINO-N,N,10-TRIMETHYL-, MONOHYDROCHLORIDE * BENZO(a)PHENOXAZIN-7-IUM, 9-AMINO-5-IMINO-10-METHYL-, CHLORIDE (9CI) * CRESOLE VIOLET * CRESYL VIOLET * 9-(DIMETHYLAMINO)-5-IMINO-10-METHYL-5H-BENZO(a)PHENOXAZINE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dnr-bcs 2 mg/disc TRENAF 27,153,76
BENZO(a)PHENOXAZIN-7-IUM, 5-AMINO-9-(DIMETHYLAMINO)-10-METHYL-, CHLORIDE (9CI) see: DJ1927000
BENZOPHENOXIME see: DJ1810000
BENZOPHOSPHATE see: TD5175000
3,4-BENZOPIRENE (Italian) see: DJ3675000
BENZOPROPYL see: EL2350000
BENZOPURPURIN 4B see: QK1765000
BENZOPURPURINE 4B see: QK1765000
BENZOPURPURINE 4BXX see: QK1763000
BENZOPURPURINE 4BX see: QK1763000
DJ2105000 2H-1-BENZOPYRAN
UPDT:8312 CAS: 254-04-6 MW: 132.17 MOLFM: C9-H8-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg EJMCA5 11,81,76
DJ2110000 2H-1-BENZOPYRAN, 3-ACETYL-
UPDT:8312 CAS: 51393-70-5 MW: 174.21 MOLFM: C11-H10-O2
SYN: 2H-1-BENZOPYRAN-3-YL METHYL KETONE * 3-ACETYL-2H-1-BENZOPYRAN * (2H-1-BENZOPYRAN-3-YL)- (9CI) * KETONE, 2H-1-BENZOPYRAN-3-YL METHYL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76
DJ2115000 2H-1-BENZOPYRAN, 3-ACETYL-5-METHOXY-
UPDT:8312 CAS: 57543-57-4 MW: 204.24 MOLFM: C12-H12-O3
SYN: ETHANONE, 1-(5-METHOXY-2H-1-BENZOPYRAN-3-YL)- (9CI) * KETONE, 5-METHOXY-2H-1-BENZOPYRAN-3-YL METHYL * 5-METHOXY-2H-1-BENZOPYRAN-3-YL METHYL KETONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76
DJ2120000 2H-1-BENZOPYRAN, 3-ACETYL-6-METHOXY-
UPDT:8312 CAS: 57543-56-3 MW: 204.24 MOLFM: C12-H12-O3
SYN: KETONE, 6-METHOXY-2H-1-BENZOPYRAN-3-YL METHYL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76
DJ2125000 2H-1-BENZOPYRAN, 3-ACETYL-7-METHOXY-
UPDT:8312 CAS: 57543-55-2 MW: 204.24 MOLFM: C12-H12-O3
SYN: KETONE, 7-METHOXY-2H-1-BENZOPYRAN-3-YL METHYL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76
DJ2130000 2H-1-BENZOPYRAN, 3-ACETYL-8-METHOXY-
UPDT:8312 CAS: 57543-54-1 MW: 204.24 MOLFM: C12-H12-O3
SYN: KETONE, 8-METHOXY-2H-1-BENZOPYRAN-3-YL METHYL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76
DJ2135000 2H-1-BENZOPYRAN, 6-BROMO-2-(4-CHLOROPHENYL)-8-METHOXY-3-NITRO-
UPDT:8312 CAS: 57564-22-6 MW: 396.64 MOLFM: C16-H11-Br-Cl-N-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg EJMCA5 11,81,76

BEST COPY AVAILABLE

DJ2140000 2H-1-BENZOPYRAN, 6-BROMO-2-(4-CHLOROPHENYL)-3-NITRO-
UPDT:8312 CAS: 57544-18-0 MW: 366.61 MOLFM: C15-H9-Br-Cl-N-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76
DJ2145000 2H-1-BENZOPYRAN, 6-BROMO-8-METHOXY-2-(4-METHOXYPHENYL)-3-NITRO-
UPDT:8312 CAS: 57544-07-7 MW: 392.23 MOLFM: C17-H14-Br-N-O5
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg EJMCA5 11,81,76
DJ2150000 2H-1-BENZOPYRAN, 6-BROMO-8-METHOXY-3-NITRO-2-PHENYL-
UPDT:8312 CAS: 57543-90-5 MW: 362.20 MOLFM: C16-H12-Br-N-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg EJMCA5 11,81,76
DJ2155000 2H-1-BENZOPYRAN, 6-BROMO-2-(2-METHOXYPHENYL)-3-NITRO-
UPDT:8312 CAS: 57543-95-0 MW: 362.20 MOLFM: C16-H12-Br-N-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg EJMCA5 11,81,76
DJ2160000 2H-1-BENZOPYRAN, 6-BROMO-2-METHYL-3-NITRO-
UPDT:8312 CAS: 57543-78-9 MW: 270.10 MOLFM: C10-H8-Br-N-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg EJMCA5 11,81,76
DJ2165000 2H-1-BENZOPYRAN, 6-BROMO-3-NITRO-2-PHENYL-
UPDT:8312 CAS: 57543-86-9 MW: 332.17 MOLFM: C15-H10-Br-N-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76
DJ2170000 2H-1-BENZOPYRAN-3-CARBONITRILE
UPDT:8312 CAS: 57543-66-5 MW: 157.18 MOLFM: C10-H7-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg EJMCA5 11,81,76
DJ2175000 2H-1-BENZOPYRAN-3-CARBONITRILE, 6-BROMO-
UPDT:8312 CAS: 57543-68-7 MW: 236.08 MOLFM: C10-H6-Br-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76
DJ2180000 2H-1-BENZOPYRAN-3-CARBONITRILE, 5-METHOXY-
UPDT:8312 CAS: 57543-72-3 MW: 187.21 MOLFM: C11-H9-N-O2
SYN: 5-METHOXY-2H-1-BENZOPYRAN-3-CARBONITRILE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg EJMCA5 11,81,76
DJ2185000 2H-1-BENZOPYRAN-3-CARBONITRILE, 6-METHOXY-
UPDT:8312 CAS: 57543-71-2 MW: 187.21 MOLFM: C11-H9-N-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76
DJ2190000 2H-1-BENZOPYRAN-3-CARBONITRILE, 5-METHOXY-2-METHYL-
UPDT:8312 CAS: 57543-76-7 MW: 201.24 MOLFM: C12-H11-N-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg EJMCA5 11,81,76
DJ2200000 2H-1-BENZOPYRAN-3-CARBONITRILE, 6-METHOXY-2-METHYL-
UPDT:8312 CAS: 57543-75-6 MW: 201.24 MOLFM: C12-H11-N-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg EJMCA5 11,81,76
DJ2205000 2H-1-BENZOPYRAN-3-CARBONITRILE, 7-METHOXY-2-METHYL-
UPDT:8312 CAS: 59528-34-6 MW: 201.24 MOLFM: C12-H11-N-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg EJMCA5 11,81,76
DJ2210000 2H-1-BENZOPYRAN-3-CARBONITRILE, 8-METHOXY-2-METHYL-
UPDT:8312 CAS: 57543-74-5 MW: 201.24 MOLFM: C12-H11-N-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76
DJ2215000 2H-1-BENZOPYRAN-3-CARBONITRILE, 2-METHYL-
UPDT:8312 CAS: 57543-73-4 MW: 171.21 MOLFM: C11-H9-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg EJMCA5 11,81,76
DJ2220000 2H-1-BENZOPYRAN-3-CARBOXALDEHYDE
UPDT:8312 CAS: 51592-69-2 MW: 160.18 MOLFM: C10-H8-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:550 mg/kg EJMCA5 11,81,76
DJ2225000 2H-1-BENZOPYRAN-3-CARBOXALDEHYDE, 6-BROMO-
UPDT:8312 CAS: 57543-37-0 MW: 239.08 MOLFM: C10-H7-Br-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg EJMCA5 11,81,76
DJ2230000 2H-1-BENZOPYRAN-3-CARBOXALDEHYDE, 6-CHLORO-
UPDT:8312 CAS: 57544-34-0 MW: 194.62 MOLFM: C10-H7-Cl-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg EJMCA5 11,81,76
DJ2235000 2H-1-BENZOPYRAN-3-CARBOXALDEHYDE, 6-METHOXY-
UPDT:8312 CAS: 57543-40-5 MW: 190.21 MOLFM: C11-H10-O3
SYN: 6-METHOXY-2H-1-BENZOPYRAN-3-CARBOXALDEHYDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg EJMCA5 11,81,76
DJ2240000 2H-1-BENZOPYRAN-3-CARBOXALDEHYDE, 7-METHOXY-
UPDT:8312 CAS: 57543-39-2 MW: 190.21 MOLFM: C11-H10-O3
SYN: 7-METHOXY-2H-1-BENZOPYRAN-3-CARBOXALDEHYDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg EJMCA5 11,81,76
DJ2245000 2H-1-BENZOPYRAN-3-CARBOXALDEHYDE, 8-METHOXY-
UPDT:8312 CAS: 57543-38-1 MW: 190.21 MOLFM: C11-H10-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg EJMCA5 11,81,76
DJ2250000 2H-1-BENZOPYRAN-3-CARBOXALDEHYDE, 8-METHOXY-2-METHYL-
UPDT:8312 CAS: 57543-44-9 MW: 204.24 MOLFM: C12-H12-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76
DJ2260000 2H-1-BENZOPYRAN-3-CARBOXALDEHYDE, 2-METHYL-
UPDT:8312 CAS: 57543-42-7 MW: 174.21 MOLFM: C11-H10-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 11,81,76
DJ2260050 6-BENZOPYRANCARBOXALDEHYDE, 2-OXO-, 2-THIOSEMICARBAZONE
UPDT:8311 MW: 247.29 MOLFM: C11-H9-N3-O2-S
SYN: 2-OXO-6-BENZOPYRANCARBOXALDEHYDE 2-THIOSEMICARBAZONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:350 mg/kg JPMSAE 52,905,63
DJ2260150 2H-1-BENZOPYRAN-3-CARBOXAMIDE
UPDT:8408 CAS: 10185-00-9 MW: 175.20 MOLFM: C10-H9-N-O2
SYN: delta(sup 3)-CHROMENE-3-CARBOXAMIDE * COMPOUND 69 20
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:850 mg/kg DRFUD4 7,547,82
* ipr-mus LD50:550 mg/kg DRFUD4 7,547,82
DJ2260250 2H-1-BENZOPYRAN-3-CARBOXAMIDE, N,N-DIETHYL-2-OXO-
UPDT:8408 MW: 245.30 MOLFM: C14-H15-N-O3
SYN: N,N-DIETHYL-2H-1-BENZOPYRAN-3-CARBOXAMIDE * N,N-DIETHYL-3-COUMARINCARBOXAMIDE
TOXICITY DATA AND REFERENCES:
3F12F17J22 orl-mus LD50:790 mg/kg APFRAD 22,131,64
2F05F17 scu-mus LD50:810 mg/kg YKKZAJ 88,755,68
DJ2260270 2H-1-BENZOPYRAN-3-CARBOXAMIDE, N,N-DIMETHYL-2-OXO-
UPDT:8309 MW: 217.24 MOLFM: C12-H11-N-O3
SYN: N,N-DIMETHYL-2-OXO-2H-1-BENZOPYRAN-3-CARBOXAMIDE
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:930 mg/kg APFRAD 22,131,64
DJ2260400 2H-1-BENZOPYRAN-3-CARBOXAMIDE, N-4-PYRIDINYL-
UPDT:8408 CAS: 80066-02-0 MW: 252.29 MOLFM: C15-H12-N2-O2
SYN: N-(delta(sup 3)-CHROMENE-3-CARBONYL)-4-IMINOPYRIDINE * COMPOUND 69 224 * N-4-PYRIDINYL-2H-1-BENZOPYRAN-3-CARBOXAMIDE
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:55 mg/kg IJEBA6 19,1075,81
1F12 ipr-mus LD50:35 mg/kg IJEBA6 19,1075,81
DJ2260500 4H-1-BENZOPYRAN-2-CARBOXANILIDE, 4'-(AMIDINOSULFAMOYL)-6-CHLORO-4-OXO-
UPDT:8306 CAS: 27455-35-2 MW: 420.85 MOLFM: C17-H13-Cl-N4-O5-S
SYN: 4'-(AMIDINOSULFAMOYL)-6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-CARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:950 mg/kg APFRAD 31,313,73
DJ2260550 4H-1-BENZOPYRAN-2-CARBOXANILIDE, 6-CHLORO-4'-(4-METHYL-2-PYRIMIDINYLSULFAMOYL)-4-OXO-
UPDT:8306 CAS: 27455-37-4 MW: 470.91 MOLFM: C21-H15-Cl-N4-O5-S
SYN: 6-CHLORO-4'-(4-METHYL-2-PYRIMIDINYLSULFAMOYL)-4-OXO-4H-1-BENZOPYRAN-2-CARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2500 mg/kg APFRAD 31,313,73
DJ2260600 4H-1-BENZOPYRAN-2-CARBOXANILIDE, 6-CHLORO-4-OXO-4'-(2-PYRIDYLSULFAMOYL)-
UPDT:8306 CAS: 27455-36-3 MW: 455.89 MOLFM: C21-H14-Cl-N3-O5-S
SYN: 6-CHLORO-4-OXO-4'-(2-PYRIDYLSULFAMOYL)-4H-1-BENZOPYRAN-2-CARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2100 mg/kg APFRAD 31,313,73
DJ2260620 4H-1-BENZOPYRAN-2-CARBOXANILIDE, 4-OXO-4'-SULFAMOYL-
UPDT:8408 CAS: 3845-20-3 MW: 344.36 MOLFM: C16-H12-N2-O5-S
SYN: 4-OXO-4'-SULFAMOYL-4H-1-BENZOPYRAN-2-CARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5 gm/kg CHTPBA 3,270,68
DJ2260650 4H-1-BENZOPYRAN-2-CARBOXYLIC ACID, 6-CHLORO-4-OXO-
UPDT:8306 MW: 224.60 MOLFM: C10-H5-Cl-O4
SYN: ACIDE CHLORO-6 CHROMONE CARBOXYLIQUE-2 (French) * 6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-CARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg APFRAD 30,365,72
DJ2270000 4H-1-BENZOPYRAN-2-CARBOXYLIC ACID, 3-(p-CHLOROPHENYL)-5,7-DIHYDROXY-4-OXO-, ETHYL ESTER
UPDT:8305 CAS: 13004-40-5 MW: 360.76 MOLFM: C18-H13-Cl-O6
SYN: 3-(p-CHLOROPHENYL)-5,7-DIHYDROXY-4-OXO-4H-1-BENZOPYRAN-2-CARBOXYLIC ACID ETHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-mus TDLo:10 mg/kg (1D preg) JMCMAR 10,154,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DJ2275000 3H-2-BENZOPYRAN-7-CARBOXYLIC ACID, 4,6-DIHYDRO-8-HYDROXY-3,4,5-TRIMETHYL-6-OXO-
UPDT:8411 CAS: 518-75-2 MW: 250.27 MOLFM: C13-H14-O5
SYN: ANTIMYCIN * CITRININ * 4,6-DIHYDRO-8-HYDROXY-3,4,5-TRIMETHYL-6-OXO-3H-2-BENZOPYRAN-7-CARBOXYLIC ACID
IRRITATION DATA AND REFERENCES:
skn-gpg 40 mg/24H SEV JANCA2 57,1121,74
MUTATION DATA AND REFERENCES:
mrc-bcs 20 ug/disc CNREAB 36,445,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 scu-rat TDLo:35 mg/kg (10D preg) TXCYAC 25,151,82
1T53 scu-rat TDLo:35 mg/kg (11D preg) TXCYAC 25,151,82
1T43 scu-rat TDLo:35 mg/kg (12D preg) TXCYAC 25,151,82
1T41 scu-rat TDLo:35 mg/kg (15D preg) TXCYAC 25,151,82
1T34 ipr-mus TDLo:20 mg/kg (10D preg) 85EGD4 5,739,78
1T35 ipr-mus TDLo:30 mg/kg (10D preg) FCTXAV 14,175,76
TUMORIGENIC DATA AND REFERENCES:
2V02M61 orl-rat TDLo:25200 mg/kg/60W-C CALEDQ 17,281,83
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:67 mg/kg JPETAB 88,173,46
scu-rat LD50:67 mg/kg JPETAB 88,173,46
orl-mus LD50:112 mg/kg TXAPA9 37,139,76
ipr-mus LD50:35 mg/kg JPETAB 88,173,46
* scu-mus LD50:73 mg/kg FCTXAV 15,29,77
ivn-rbt LD50:19 mg/kg JPETAB 88,173,46
scu-gpg LD50:37 mg/kg JPETAB 88,173,46
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DJ2405000 4H-1-BENZOPYRAN-8-CARBOXYLIC ACID, 3-METHYL-4-OXO-2-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8307 MW: 415.95 MOLFM: C23-H25-N-O4 Cl-H
SYN: DIETHYLAMINOETHYL 3-METHYLFLAVONE-8-CARBOXYLATE HYDROCHLORIDE * REC 1.0270
TOXICITY DATA AND REFERENCES:
* ipr-gpg LD50:600 mg/kg JMPCAS 2,263,60
DJ2445000 4H-1-BENZOPYRAN-8-CARBOXYLIC ACID, 3-METHYL-4-OXO-2-PHENYL-, 2-MORPHOLINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8302 MW: 429.93 MOLFM: C23-H23-N-O5 Cl-H
SYN: MORPHOLINOETHYL 3-METHYLFLAVONE-8-CARBOXYLATE HYDROCHLORIDE * REC 7.0037
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg AIPTAK 131,187,61
DJ2450000 4H-1-BENZOPYRAN-8-CARBOXYLIC ACID, 3-METHYL-4-OXO-2-PHENYL-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
UPDT:8402 CAS: 3717-88-2 MW: 427.96 MOLFM: C24-H25-N-O4 Cl-H
SYN: BLADDERON * DW-61 * FLAROXATE HYDROCHLORIDE * FLAVOXATE HYDROCHLORIDE * NSC-114649 * 1-PIPERIDINEETHANOL, 3-METHYL-4-OXO-2-PHENYL-4H-1-BENZOPYRAN-8-CARBOXYLATE HYDROCHLORIDE * 2-PIPERIDINOETHYL 3-METHYL-4-OXO-2-PHENYL-4H-1-BENZOPYRAN-8-CARBOXYLATE HYDROCHLORIDE * PIPERIDINOETHYL 3-METHYLFLAVONE-8-CARBOXYLATE HYDROCHLORIDE * REC 7.0040 * SPASURET * URISPAS
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2800 mg/kg TXAPA9 18,185,71
* scu-rat LD50:1010 mg/kg IYKEDH 10,232,79
* ivn-rat LD50:25 mg/kg IYKEDH 10,232,79
* orl-mus LD50:1030 mg/kg IYKEDH 10,232,79
3C17E15F29 ipr-mus LD50:350 mg/kg AIPTAK 131,187,61
* scu-mus LD50:610 mg/kg IYKEDH 10,232,79
* ivn-mus LD50:28 mg/kg IYKEDH 10,232,79
DJ2530000 2H-1-BENZOPYRAN, 2,2-DIMETHYL-6-METHOXY-3-NITRO-
UPDT:8312 CAS: 57544-32-8 MW: 235.26 MOLFM: C12-H13-N-O4

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76

DJ2540000 2H-1-BENZOPYRAN, 2,2-DIMETHYL-3-NITRO-
UPDT:8312 CAS: 57544-29-3 MW: 205.23 MOLFM: C11-H11-N-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg EJMCA5 11,81,76

DJ2548000 1H-2-BENZOPYRAN-3-METHANAMINE, 7-FLUORO-3,4-DIHYDRO-1-PHENYL-, (-)-
UPDT:8401 MW: 257.33 MOLFM: C16-H16-F-N-O
SYN: 1,7-FLUORO-1-PHENYL-3,4-DIHYDRO-1H-2-BENZOPYRAN-3-METHANAMINE * l-R 800
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 orl-rat TDLo:3200 mg/kg (90D male) TXAPA9 37,142,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ2548100 1H-2-BENZOPYRAN-3-METHANAMINE, 7-FLUORO-3,4-DIHYDRO-1-PHENYL-, (+)-
UPDT:8401 MW: 257.33 MOLFM: C16-H16-F-N-O
SYN: d-7-FLUORO-1-PHENYL-3,4-DIHYDRO-1H-2-BENZOPYRAN-3-METHANAMINE * d-R 800
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 orl-rat TDLo:3200 mg/kg (90D male) TXAPA9 37,142,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ2548200 1H-2-BENZOPYRAN-3-METHANAMINE, 7-FLUORO-3,4-DIHYDRO-1-PHENYL-, cis-
UPDT:8401 CAS: 34887-52-0 MW: 257.33 MOLFM: C16-H16-F-N-O
SYN: FENISOREX * cis-7-FLUORO-3,4-DIHYDRO-1-PHENYL-1H-2-BENZOPYRAN-3-METHANAMINE * R 800
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 orl-rat TDLo:3600 mg/kg (90D male) TXAPA9 37,142,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ2549000 2H-1-BENZOPYRAN, 6-METHOXY-
UPDT:8312 CAS: 18385-84-7 MW: 162.20 MOLFM: C10-H10-O2
SYN: 6-METHOXY-2H-1-BENZOPYRAN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 12,383,77

DJ2550000 2H-1-BENZOPYRAN, 6-METHOXY-2-(3,4-METHYLENEDIOXYPHENYL)-3-NITRO-
UPDT:8312 CAS: 59528-35-7 MW: 327.31 MOLFM: C17-H13-N-O6
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg EJMCA5 11,81,76

DJ2555000 2H-1-BENZOPYRAN, 6-METHOXY-2-METHYL-3-NITRO-
UPDT:8312 CAS: 57543-81-4 MW: 221.23 MOLFM: C11-H11-N-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76

DJ2560000 2H-1-BENZOPYRAN, 8-METHOXY-2-METHYL-3-NITRO-
UPDT:8312 CAS: 57543-79-0 MW: 221.23 MOLFM: C11-H11-N-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg EJMCA5 11,81,76

DJ2570000 2H-1-BENZOPYRAN, 6-METHOXY-3-NITRO-2-PHENYL-
UPDT:8312 CAS: 57543-88-1 MW: 283.30 MOLFM: C16-H13-N-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76

DJ2580000 2H-1-BENZOPYRAN, 8-METHOXY-3-NITRO-2-PHENYL-
UPDT:8312 CAS: 57543-87-0 MW: 283.30 MOLFM: C16-H13-N-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76

DJ2590000 2H-1-BENZOPYRAN, 2-METHYL-3-NITRO-
UPDT:8312 CAS: 40345-75-3 MW: 191.20 MOLFM: C10-H9-N-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg EJMCA5 11,81,76

DJ2600000 2H-1-BENZOPYRAN, 3-NITRO-2-PHENYL-
UPDT:8312 CAS: 57543-84-7 MW: 253.27 MOLFM: C15-H11-N-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76

DJ2613000 2H-1-BENZOPYRAN, 3-NITRO-2,6,7-TRIMETHYL-
UPDT:8312 CAS: 57543-83-6 MW: 219.26 MOLFM: C12-H13-N-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 11,81,76

DJ2620000 (1)BENZOPYRANO(5,4,3-cde)(1)BENZOPYRAN-5,10-DIONE, 2,3,7,8-TETRAHYDROXY-
UPDT:8405 CAS: 476-66-4 MW: 302.20 MOLFM: C14-H6-O8
SYN: ALIZARINE YELLOW * BENZOARIC ACID * C.I. 55005 * C.I. 75270 * ELAGOSTASINE * ELEAGIC ACID * ELLAGIC ACID * GALLOGEN * GALLOGEN (ASTRINGENT) * LAGISTASE * 2,3,7,8-TETRAHYDROXY(1)BENZOPYRANO(5,4,3-cde)(1)BENZOPYRAN-5,10-DIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T27T48 ivn-mus TDLo:1208 mg/kg (16D preg) AMBPBZ 79,487,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ2800000 (1)BENZOPYRANO(3,4-b)FURO(2,3-h)(1)BENZOPYRAN-6(6aH)-ONE, 1,2,12,12a- TETRAHYDRO-2-alpha-ISOPROPENYL 8,9-DIMETHOXY-
UPDT:8412 CAS: 83-79-4 MW: 394.45 MOLFM: C23-H22-O6
SYN: BARBASCO * CENOL GARDEN DUST * CHEM FISH * C (EM-MITE * CUBE * CUBE EXTRACT * CUBE PULVER * CUBE ROOT * CUBOR * CUREX FLEA DUSTER * DACTINOL * DERIL * DERRIN * DERRIS * DRI-KIL * ENT 133 * EXTRAX * FISH * X * GREEN CROSS WARBLE POWDER * HAIARI * LIQUID DERRIS * MEXIDE * NCI-C55271 * NICOLINE * NOXFISH * PARADERIL * POWDER and ROOT * PRENTOX * PRO-NOX FISH * RO-KO * RONONE * ROTEFIVE * ROTEFOUR * ROTENON * ROTENONA (Spanish) * ROTENONE * (-)-ROTENONE * ROTESSENOL * ROTOCIDE * TUBATOXIN
MUTATION DATA AND REFERENCES:
mnt-mus:ath 1 mg/L JNCIAM 56,357,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T26 orl-rat TDLo:100 mg/kg (6-15D preg) JTEHD6 10,111,82
1T46 orl-rat TDLo:50 mg/kg (6-15D preg) JTEHD6 10,111,82
TUMORIGENIC DATA AND REFERENCES:
2V02R60 ipr-rat TDLo:71 mg/kg/42D-I CNREA8 33,3047,73
2V03R60 ipr-rat TD :68 mg/kg/40D-I BJCAAI 36,243,77
TOXICITY DATA AND REFERENCES:
unk-man LDLo:294 mg/kg 85DCAI 2,73,70
* orl-rat LD50:60 mg/kg DOEAAH 35,25,79
ipr-rat LD50:2800 ug/kg SCIEAS 155,713,67
* unk-rat LD50:132 mg/kg JPFCD2 B15,929,80
orl-mus LD50:350 mg/kg 31ZOAD 1,372,68
ipr-mus LD50:2800 ug/kg SCIEAS 155,713,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 DTLVS* 4,359,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air,TWA 5 mg/m3 (SCP-U) FEREAC 39,23540,74
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.; see: METHOD 5007
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ2830000 2H-1-BENZOPYRANO(5',6':6,7)INDENO(1,2-b)INDOL-3(4bH)-ONE, 5,6,6a,7,12,12b,12c,13,14,14a- DECAHYDRO-4b-HYDROXY-2-(1-HYDROXY-1-METHYLETHYL)-12b,12c-DIMETHYL-, (2-alpha,4b-beta,6a- alpha,12b-beta,12c-alpha,14a-beta)-
UPDT:8305 CAS: 57186-25-1 MW: 435.61 MOLFM: C27-H33-N-O4
SYN: PAXILLINE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:150 mg/kg 41KEAL -,108,78

DJ2880000 2H-1-BENZOPYRAN-7-OL, 3,4-DIHYDRO-2,2-DIMETHYL-3-PHENYL-4-(4-(2-(1-PYRROLIDINYL)ETHOXY)- PHENYL)-, (E)-
UPDT:8401 CAS: 84394-36-5 MW: 443.63 MOLFM: C29-H33-N-O3
SYN: trans-2,2-DIMETHYL-3-PHENYL-4-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-7-HYDROXYCHROMAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:1750 ug/kg (1-7D preg) JMCMAR 26,592,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ2900000 2H-1-BENZOPYRAN-6-OL, 3,4-DIHYDRO-2,5,7,8-TETRAMETHYL-2-(4,8,12-TRIMETHYLTRIDECYL)-, (2R-(2R*(4R*,8R*)))-
UPDT:8307 CAS: 59-02-9 MW: 430.79 MOLFM: C29-H50-O2
SYN: ALMEFROL * ANTISTERILITY VITAMIN * COVI-OL * DENAMONE * EMPHEROL * ENDO E * EPHYNAL * EPROLIN * EPSILAN * ESORB * ETAMICAN * ETAVIT * EVION * EVITAMINUM * ILITIA * PHYTOGERMINE * PROFECUNDIN * SPAVIT * SYNTOPHEROL * d-alpha-TOCOPHEROL * (R,R,R)-alpha-TOCOPHEROL * alpha-TOCOPHEROL * (2R,4'R,8'R)-alpha-TOCOPHEROL * TOKOPHARM * 5,7,8-TRIMETHYLTOCOL * VASCUALS * VERROL * VITAMIN E * VITAPLEX E * VITAYONON * VITEOLIN
MUTATION DATA AND REFERENCES:
dnd-rat-ivn 27 nmol/kg EXPEAM 31,1023,75
cyt-mus-ipr 2 gm/kg/4W FOBLAN 26,94,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rat TDLo:7500 mg/kg (1-20D preg) NYKZAU 69,293,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-1-BENZOPYRAN-2-ONE see: GN4200000

DJ2976500 2H-1-BENZOPYRAN-2-ONE, 3-ACETYL-7-HYDROXY-5-(HYDROXYMETHYL)-
UPDT:8305 CAS: 53696-74-5 MW: 234.22 MOLFM: C12-H10-O5
SYN: 3-ACETYL-7-HYDROXY-5-(HYDROXYMETHYL)-2H-1-BENZOPYRAN-2-ONE * 3-ACETYL-5-HYDROXYMETHYL-7-HYDROXYCOUMARIN * ARMILLARISIN A
TOXICITY DATA AND REFERENCES:
2F12J25 ipr-mus LD50:980 mg/kg YHHPAL 16,401,81

4H-1-BENZOPYRAN-4-ONE, 5,7-BIS(ACETYLOXY)-2-(4-ACETYLOXY)PHENYL- see: LK9279000

DJ2977500 4H-1-BENZOPYRAN-4-ONE, 3,7-BIS((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-5-HYDROXY-2-(4- HYDROXYPHENYL)-
UPDT:8303 CAS: 482-38-2 MW: 578.57 MOLFM: C27-H30-O16
SYN: KAEMPFERITRIN * KAEMPFEROL 3,7-BISMANNOSIDE * KAEMPFEROL 3,7-DIRHAMNOSIDE * LESPEDIN
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate ENMUDM 3,401,81

2H-1-BENZOPYRAN-2-ONE, 3-(1-(4-CHLOROPHENYL)-3-OXOBUTYL)-4-HYDROXY- (9CI) see: GN4830000

4H-1-BENZOPYRAN-4-ONE, 2,3-DIHYDRO-3,7-DIHYDROXY-2-(3,4,5-TRIHYDROXYPHENYL)-, trans- see: LK6925000

4H-1-BENZOPYRAN-4-ONE, 5,7-DIHYDROXY-2-(4-HYDROXY-3-METHOXYPHENYL)- see: LK9278000

4H-1-BENZOPYRAN-4-ONE, 5,7-DIHYDROXY-2-(4-HYDROXYPHENYL)- (9CI) see: LK9276000

4H-1-BENZOPYRAN-4-ONE, 5,7-DIHYDROXY-3-(4-HYDROXYPHENYL)- see: NR2400000

4H-1-BENZOPYRAN-4-ONE, 5,7-DIHYDROXY-3-(4-HYDROXYPHENYL)- (9CI) see: NR2392000

4H-1-BENZOPYRAN-4-ONE, 5,7-DIHYDROXY-8-METHOXY-2-PHENYL- see: LK8331000

4H-1-BENZOPYRAN-4-ONE, 5,8-DIHYDROXY-7-METHOXY-2-PHENYL- (9CI) see: LK8331100

4H-1-BENZOPYRAN-4-ONE, 5,8-DIHYDROXY-2-PHENYL- (9CI) see: LK8329100

4H-1-BENZOPYRAN-4-ONE, 2-(3,4-DIHYDROXYPHENYL)-2,3-DIHYDRO-3,5,7-TRIHYDROXY- see: LK6920000

4H-1-BENZOPYRAN-4-ONE, 2-(3,4-DIHYDROXYPHENYL)-2,3-DIHYDRO-3,5,7-TRIHYDROXY-, (2R-trans) see: LK6920000

4H-1-BENZOPYRAN-4-ONE, 2-(3,4-DIHYDROXYPHENYL)-5,6-DIHYDROXY-7-METHOXY- see: LK9275430

DJ3009200 4H-1-BENZOPYRAN-4-ONE, 2-(3,4-DIHYDROXYPHENYL)-3-(beta-D-GALACTOPYRANOSYLOXY)-5,7-DIHYDROXY-
UPDT:8303 CAS: 482-36-0 MW: 464.41 MOLFM: C21-H20-O12
SYN: HYPERASID * HYPERIN * HYPEROSID * HYPEROSIDE * HYPEROZIDE * QUERCETIN-3-GALACTOSIDE * QUERCETIN-3-O-GALACTOSIDE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate ENMUDM 3,401,81

4H-1-BENZOPYRAN-4-ONE, 2-(3,4-DIHYDROXYPHENYL)-3-(beta-D-GLUCOFURANOSYLOXY)-5,7-DIHYDROXY- see: LK8960000

4H-1-BENZOPYRAN-4-ONE, 2-2-(2,4-DIHYDROXYPHENYL)-3,5,7-TRIHYDROXY- see: LK8749000

4H-1-BENZOPYRAN-4-ONE, 2-(3,4-DIHYDROXYPHENYL)-3,5,7-TRIHYDROXY- see: LK8750000

BENZOPYRAN-2-ONE, 6,7-DIMETHOXY- (9CI) see: GN6550000

DJ3028000 2H-1-BENZOPYRAN-2-ONE, 8-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-5-METHYL-, HYDROCHLORIDE, (+-)-
UPDT:8403 CAS: 36556-75-9 MW: 341.87 MOLFM: C17-H23-N-O4-Cl-H
SYN: BUCUMOLOL HYDROCHLORIDE * dl-BUCUMOLOL HYDROCHLORIDE * 8-(3-tert-BUTYLAMINO-2-HYDROXY)PROPOXY-5-METHYLCOUMARIN HYDROCHLORIDE * CS 359
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1259 mg/kg IYKEDH 13,349,82
* ipr-rat LD50:74200 ug/kg IYKEDH 13,349,82
* scu-rat LD50:302 mg/kg IYKEDH 13,349,82
* ivn-rat LD50:32400 ug/kg IYKEDH 13,349,82
* orl-mus LD50:676 mg/kg IYKEDH 13,349,82
* ipr-mus LD50:59200 ug/kg IYKEDH 13,349,82
* scu-mus LD50:82300 ug/kg IYKEDH 13,349,82
2F12J25 ivn-mus LD50:31600 ug/kg JJPAAZ 23,497,73

2H-1-BENZOPYRAN, 2,2-DIMETHYL-7-METHOXY-3-PHENYL-4-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)- see: UY0914000

4H-1-BENZOPYRAN-4-ONE, 6-ETHYL-7-METHOXY-3-(2-METHYL-4-THIAZOLYL)- see: GB8170500

2H-1-BENZOPYRAN-2-ONE, 3-(1-(2-FURANYL)-3-OXOBUTYL)-4-HYDROXY- (9CI) see: GN4850000

2H-1-BENZOPYRAN-2-ONE, 3-(1-(2-FURANYL)-3-OXOBUTYL)-4-HYDROXY-, SODIUM SALT (9CI) see: GN4860000

DJ3080000 4H-1-BENZOPYRAN-4-ONE, 3-(beta-D-GLUCOPYRANOSYLOXY)-5,7-DIHYDROXY-2-(4-HYDROXYPHENYL)-
UPDT:8303 CAS: 480-10-4 MW: 448.41 MOLFM: C21-H20-O11
SYN: ASTRAGALIN * ASTRAGALINE * KS * KAEMPFEROL 3-beta-GLUCOPYRANOSIDE * KAEMPFEROL 3-GLUCOSIDE * KAEMPFEROL 3-D-GLUCOSIDE * KAEMPFEROL 3-beta-MONOGLUCOSIDE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate ENMUDM 3,401,81

DJ3100000 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-
UPDT:8308 CAS: 1076-38-6 MW: 162.15 MOLFM: C9-H6-O3
SYN: COUMARIN, 4-HYDROXY- * 4-HYDROXYCOUMARIN
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2000 mg/kg APTOA6 2,109,46

BEST COPY Available

2F07F23 scu-mus LD50:750 mg/kg AIPTAK 128,126,60

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-1-NAPHTHALENYL)- (9CI) see: GN7630000
4H-1-BENZOPYRAN-4-ONE, 7-HYDROXY-2-(4-HYDROXYPHENYL)- see: LK8329000
2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(1-(4-NITROPHENYL)-3-OXOBUTYL)- see: GN4900000
2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)- (9CI) see: GN4550000
2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, SODIUM SALT (9CI) see: GN4725000
4H-1-BENZOPYRAN-4-ONE, 8-HYDROXY-2-PHENYL- (9CI) see: LK8650100
4H-1-BENZOPYRAN-4-ONE, 3-METHOXY-2-PHENYL-5,7,8-TRIHYDROXY- (9CI) see: LK8654000
2H-1-BENZOPYRAN-2-ONE, 6-METHYL- see: GN7792000
2H-1-BENZOPYRAN-2-ONE, 7-METHYL- (9CI) see: GN7792100
2H-1-BENZOPYRAN-2-ONE, 3,3'-METHYLENEBIS(4-HYDROXY- (9CI) see: GN7875000
2H-1-BENZOPYRAN-2-ONE, OCTAHYDRO- (9CI) see: GN8261500

DJ3100630 4H-1-BENZOPYRAN-4-ONE, 2-PHENYL-
UPDT:8308 CAS: 525-82-6 MW: 222.25 MOLFM: C15-H10-O2
SYN: ASMACORIL * CHROMOCOR * CROMARIL * FLAVONE * 2-PHENYL 4H-1-BENZOPYRAN-4-ONE * PHENYLCHROMONE * 2-PHENYLCHROMONE

TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:380 mg/kg FRPSAX 13,561,58

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

4H-1-BENZOPYRAN-4-ONE, 2-PHENYL-3,5,7,8-TETRAHYDROXY- (9CI) see: LK9275250
4H-1-BENZOPYRAN-4-ONE, 2-PHENYL-5,7,8-TRIHYDROXY- (9CI) see: LK9276100
4H-1-BENZOPYRAN-4-ONE, 3,5,7-TRIHYDROXY-2-(4-HYDROXYPHENYL)- see: LK9275200
4H-BENZOPYRAN-4-ONE, 3,5,7-TRIHYDROXY-2-PHENYL- see: LK9275500
4H-1-BENZOPYRAN-4-ONE, 3,5,7-TRIHYDROXY-2-(3,4,5-TRIHYDROXYPHENYL)-, HEXAACETATE see: LK8648000

DJ3100900 4H-1-BENZOPYRAN-4-ONE, 2,5,8-TRIMETHYL-
UPDT:8303 CAS: 60595-60-0 MW: 188.24 MOLFM: C12-H12-O2
SYN: CROMODIL * TMC * 2,5,8-TRIMETHYL-4H-1-BENZOPYRAN-4-ONE * 2,5,8-TRIMETHYLCHROMONE

TOXICITY DATA AND REFERENCES:
3F11F12J22 orl-rat LD50:2960 mg/kg AIPTAK 110,323,57
3F11F12J22 ipr-mus LD50:595 mg/kg AIPTAK 110,323,57

4H-1-BENZOPYRAN-4-ONE, 3,5,7-TRIS(ACETYLOXY)-2-(3,4-BIS(ACETYLOXY)PHENYL)- see: LK8985000

DJ3100950 5H-(1)BENZOPYRANO(2,3,-b)PYRIDINE-7-ACETIC ACID, alpha-METHYL-
UPDT:8403 CAS: 52549-17-4 MW: 255.29 MOLFM: C15-H13-N-O3
SYN: 2-(5H-(1)BENZOPYRANO(2,3-b)PYRIDIN-7-YL)PROPIONIC ACID * alpha-METHYL-5H-(1)-BENZOPYRANO(2,3-b)PYRIDINE-7-ACETIC ACID * NIFLAN * PRANOPROFEN * Y-8004

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T76 orl-rat TDLo:3 mg/kg (9-14D preg) IYKEDH 7,301,76
1T46 orl-rat TDLo:6 mg/kg (9-14D preg) IYKEDH 7,301,76
3T72175T81 orl-rat TDLo:67500 ug/kg (17-22D preg/21D post) IYKEDH 9,194,78
1T16 orl-rat TDLo:67500 ug/kg (17-22D preg/21D post) IYKEDH 9,194,78
2T35T76 orl-mus TDLo:30 mg/kg (7-12D preg) IYKEDH 7,301,76
2T46T72 orl-mus TDLo:60 mg/kg (7-12D preg) IYKEDH 7,301,76
1T59 orl-mus TDLo:150 mg/kg (7-12D preg) IYKEDH 7,301,76

TOXICITY DATA AND REFERENCES:
" orl-rat LD50:59500 ug/kg NIIRDN 6,APP-18,82
" ipr-rat LD50:51200 ug/kg NIIRDN 6,APP-18,82
" scu-rat LD50:51500 ug/kg NIIRDN 6,APP-18,82
orl-mus LD50:447 mg/kg IYKEDH 7,211,76
2F07J22 ipr-mus LD50:354 mg/kg IYKEDH 7,211,76
" scu-mus LD50:503 mg/kg IYKEDH 12,1204,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ3175000 5H-1-BENZOPYRANO(2,3-b)PYRIDIN-5-ONE, 9-CHLORO-7-(1H-TETRAZOL-5-YL)-, SODIUM SALT, PENTAHYDRATE
UPDT:8403 MW: 411.77 MOLFM: C13-H5-Cl-N5-O2-Na-5H2-O
SYN: 9-CHLORO-5-OXO-7-(1H-TETRAZOL-5-YL)-5H-1-BENZOPYRANO(2,3-b)PYRIDINE SODIUM SALT PENTAHYDRATE * 9-CHLORO-7-(1H-TETRAZOL-5-YL)-5H-1-BENZOPYRANO(2,3-b)PYRIDIN-5-ONE SODIUM PENTAHYDRATE * TRAKANOX SODIUM PENTAHYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T35T75 orl-rat TDLo:5500 mg/kg (7-17D preg) IYKEDH 14,673,83
3T26T31T34 orl-rat TDLo:27500 mg/kg (7-17D preg) IYKEDH 14,673,83
1T86 orl-rat TDLo:675 mg/kg (17-22D preg/21D post) IYKEDH 14,693,83
1T85 orl-rat TDLo:13500 mg/kg (17-22D preg/21D post) IYKEDH 14,693,83
1T46 orl-rat TDLo:1750 mg/kg (63D pre/1-7D preg) IYKEDH 14,667,83

TOXICITY DATA AND REFERENCES:
3F07J22U01 ipr-mus LD50:6685 mg/kg IYKEDH 14,709,83
3F07J22U01 ipr-mus LD50:9274 mg/kg IYKEDH 14,709,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ3175500 5H-BENZOPYRANO(2,3-b)PYRIDIN-5-ONE, 9-((DIETHYLAMINO)METHYL)-8-METHOXY-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 52206-28-7 MW: 348.86 MOLFM: C18-H20-N2-O3-Cl-H

TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:75 mg/kg CHTPBA 8,655,73

DJ3176000 5H-BENZOPYRANO(2,3-b)PYRIDIN-5-ONE, 9-((DIMETHYLAMINO)METHYL)-8-METHOXY-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 52206-27-6 MW: 320.80 MOLFM: C16-H16-N2-O3-Cl-H

TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:54 mg/kg CHTPBA 8,655,73

DJ3176500 5H-BENZOPYRANO(2,3-b)PYRIDIN-5-ONE, 8-METHOXY-9-(4-MORPHOLINYLMETHYL)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 52206-30-1 MW: 362.84 MOLFM: C18-H18-N2-O4-Cl-H

TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:217 mg/kg CHTPBA 8,655,73

DJ3177000 5H-BENZOPYRANO(2,3-b)PYRIDIN-5-ONE, 8-METHOXY-9-(1-PIPERIDINYLMETHYL)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 52206-31-2 MW: 360.87 MOLFM: C19-H20-N2-O3-Cl-H

TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:150 mg/kg CHTPBA 8,655,73

DJ3177500 5H-BENZOPYRANO(2,3-b)PYRIDIN-5-ONE, 8-METHOXY-9-(1-PYRROLIDINYLMETHYL)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 52206-29-8 MW: 346.84 MOLFM: C18-H18-N2-O3-Cl-H

TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:157 mg/kg CHTPBA 8,655,73

2-(5H-(1)BENZOPYRANO(2,3-b)PYRIDIN-7-YL)PROPIONIC ACID see: DJ3100950

DJ3280000 (2)BENZOPYRANO(3',4',4,5)PYRROLO(2,3-f)QUINOLIN-8-ONE, 8,13-DIHYDRO-
UPDT:8401 CAS: 5100-91-6 MW: 286.30 MOLFM: C18-H10-N2-O2
SYN: 8-OXO-8H-ISOCHROMENO(4,3-4,5)PYRROLO(2,3-f)QUINOLINE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I SCIEAS 158,387,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-1-BENZOPYRAN, 2-OXO- see: GN4200000

DJ3350000 5H-(1)BENZOPYRAN(3,4-c)PYRIDIN-5-ONE, 1,2,3,4-TETRAHYDRO-3-(2-(ETHYLAMINO)PROPYL)-
UPDT:8408 MW: 286.41 MOLFM: C17-H22-N2-O2
SYN: CI-923 * 3-(2-(ETHYLAMINO)PROPYL)-1,2,3,4-TETRAHYDRO-5H-(1)BENZOPYRANO(3,4-c)PYRIDIN-5-ONE

TOXICITY DATA AND REFERENCES:
3F11F19K12 orl-rat LD50:300 mg/kg TOXID9 4,6,84
3F11F19K12 orl-mus LD50:300 mg/kg TOXID9 4,6,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ3450000 2H-1-BENZOPYRAN-3,5,7-TRIOL, 2-(3,4-DIHYDROXYPHENYL)-3,4-DIHYDRO-, (2R-trans)-
UPDT:8401 CAS: 154-23-4 MW: 290.29 MOLFM: C15-H14-O6
SYN: CATECHIN * (+)-CATECHIN * d-CATECHIN * D-(+)-CATECHIN * CATECHIN (FLAVAN) * CATECHINIC ACID * CATECHOL * (+)-CATECHOL * D-CATECHOL * CATECHOL (FLAVAN) * CATECHUIC ACID * CATERGEN * CIANIDANOL * KB-53

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:55 gm/kg (7-17D preg) OYYAA2 24,495,82
1T75 orl-rat TDLo:12150 mg/kg (17-22D preg/21D post) OYYAA2 24,509,82

TOXICITY DATA AND REFERENCES:
1J22 ipr-rat LD50:1084 mg/kg OYYAA2 24,361,82
1J22 ipr-mus LD50:1305 mg/kg OYYAA2 24,361,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-1-BENZOPYRAN-3-YL METHYL KETONE see: DJ2110000

DJ3500400 BENZO(a)PYREN-4-AMINE
UPDT:8303 MW: 267.34 MOLFM: C20-H13-N
SYN: 4-AMINOBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate MUREAV 94,13,82

DJ3500600 BENZO(a)PYREN-6-AMINE
UPDT:8303 CAS: 7428-83-3 MW: 267.34 MOLFM: C20-H13-N
SYN: 6-AMINOBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate MUREAV 94,13,82

DJ3501000 BENZO(a)PYREN-11-AMINE
UPDT:8303 MW: 267.34 MOLFM: C20-H13-N
SYN: 11-AMINOBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate MUREAV 94,13,82

DJ3501500 BENZO(a)PYREN-12-AMINE
UPDT:8303 MW: 267.34 MOLFM: C20-H13-N
SYN: 12-AMINOBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate MUREAV 94,13,82

DJ3675000 BENZO(a)PYRENE
UPDT:8412 CAS: 50-32-8 MW: 252.32 MOLFM: C20-H12
SYN: BENZO(d,e,f)CHRYSENE * 3,4-BENZOPIRENE (Italian) * 3,4-BENZOPYRENE * 6,7-BENZOPYRENE * 3,4-BENZPYREN (German) * BENZ(a)PYRENE * 3,4-BENZPYRENE * 3,4-BENZ(a)PYRENE * 3,4-BENZYPYRENE * BP * B(a)P * 3,4-BP * RCRA WASTE NUMBER U022

IRRITATION DATA AND REFERENCES:
skn-mus 14 ug MLD CALEDQ 4,333,78

MUTATION DATA AND REFERENCES:
mma-sat 2 ug/plate CRNGDP 5,505,84
mma-sat 500 ng/plate MUREAV 130,79,84
dnd-sat 147 gm/L MUREAV 109,183,83
pic-sat 3900 pmol/plate PPTCBY -,337,79
mma-esc 1 umol/L MUREAV 60,395,79
mma-esc 200 nmol/plate MUREAV 135,87,84
dnr-esc 250 mg/L JJINDE 62,873,79
mrc-esc 70 ug/well MUREAV 46,53,77
dnd-esc 500 mg/L BBACAQ 103,275,65
pic-esc 400 ng/plate CSHCAL 4,1451,77
mma-bcs 5 gm/L MUREAV 42,19,77
dnr-bcs 100 uL/plate MUREAV 97,1,82
dnd-bcs 200 ug/disc PMRSDJ 1,175,81
dnd-omi 3 umol/L PNCCA2 5,39,65
dns-omi 1 mg/L CRNGDP 2,417,81
dni-omi 200 ug/L PNASA6 74,1378,77
dni-omi 100 ug/L PNASA6 74,1378,77
dnd-omi 1 ng/L CBINA8 39,205,82
sln-dmg-par 5 mmol/L CNREA8 33,302,73
sln-dmg-orl 100 umol/L BIZNAT 102,271,83
mma-smc 1 gm/L PMRSDJ 1,414,81
mrc-smc 10 ug/plate PMRSDJ 1,456,81
sln-smc 150 mg/L PMRSDJ 1,468,81
mnt-nml-mul 100 ppb/8D-C MUREAV 125,275,84
dnd-nml 1700 nmol/L GANMAX 6,49,68
dnd-sal:spr 3 gm/L BIPMAA 5,477,67
dnd-sal:tes 5 ug/1H-C BIJOAK 110,159,68
dnd-sal:oth 80 umol/L EVHPAZ 23,51,78
cyt-ofs-skn 100 ng/L EESADV 5,261,81
cyt-ofs-skn 100 ng/L MUREAV 91,347,81
cyt-ofs:oth 100 ug/L/48H ENMUDM 4,181,82
msc-ofs:fbr 5 mg/L AECTCV 10,663,81
mma-hmn:lym 4 mg/L JJINDB 63,309,79
dnd-hmn:lvr 100 nmol/L PAACA3 25,117,84
otr-hmn:oth 10 mg/L ITCSAF 17,719,81
otr-hmn:fbr 3200 ug/L CALEDQ 13,119,81
dnd-hmn:lym 5 umol/L PAACA3 24,70,83
dnd-hmn:oth 300 nmol/L CNREA8 42,642,82
dnd-hmn:fbr 10 mg/L CNREA8 38,1638,78
dnd-hmn:oth 1500 nmol/L TCMUD8 1,3,80
dnd-hmn:hla 20 umol/L MUREAV 89,95,81
dnd-hmn:fbr 15 mg/L CBINA8 22,185,78
dnd-hmn:oth 400 nmol/L PNASA6 78,6251,81
dns-hmn:fbr 1 mg/L CNREA8 38,2091,78
dns-hmn:hla 1 mmol/L CNREA8 38,2621,78
dnd-hmn:lng 1 umol/L CRNGDP 3,195,82
dns-hmn:lvr 1 umol/L BANRDU 13,101,82
dni-hmn:hla 7 umol/L/1H-C JEPTDQ 2(1),65,78
dnd-hmn:oth 4 umol/L CALEDQ 18,11,83
dns-hmn:oth 10 umol/L MUREAV 122,377,83
dns-hmn:oth 3 mg/L MUREAV 140,43,84

BEST COPY AVAILABLE

cyt-hmn:fbr 40 umol/L/24H MUREAV 46,297,77
cyt-hmn:leu 1 mg/L BJCAAI 30,103,74
cyt-hmn:lym 2400 ug/L MUREAV 113,239,83
sce-hmn:lym 50 umol/L/15H MUREAV 46,375,77
sce-hmn:fbr 1 mg/L MUREAV 58,317,78
sce-hmn:lvr 1 mmol/L MUREAV 112,47,83
msc-hmn:oth 100 nmol/L CRNGDP 1,765,80
msc-hmn:fbr 100 nmol/L CNREA8 40,4070,80
msc-hmn:lym 10 umol/L MUREAV 94,467,82
msc-hmn:lym 1200 nmol/L ENMUDM 4,304,82
otr-rat:lvr 100 umol/L CNREA8 43,5087,83
dnd-rat:oth 4 ug/tube BLFSBY 24,331,83
otr-rat:orl 200 mg/kg CNREA8 40,1157,80
dnd-rat:lng 2 umol/L CRNGDP 3,267,82
otr-rat:emb 15400 ug/L JJIND8 67,1303,81
dnd-rat:ivn 140 ug/kg CNREA8 38,4640,78
dnd-rat:skn 800 nmol/kg IJCNAW 28,387,81
dnd-rat:ipr 40 mg/kg CRNGDP 5,231,84
dnd-rat:lvr 80 umol/L JBCHA3 252,6424,77
dnd-rat:fbr 1500 umol/L CBINA8 18,337,77
dnd-rat:oth 1500 nmol/L TCMUD8 1,3,80
dnd-rat:itr 50 mg/kg CBINA8 36,129,81
dnd-rat:oth 1 umol/L CRNGDP 4,297,83
dnd-rat:oth 300 nmol/L CNREA8 42,642,82
dnd-rat:oth 31 umol/L CRNGDP 3,203,82
dns-rat:lvr 5 umol/L CALEDQ 6,207,79
dns-rat:oth 100 mmol/L SHKKAN 22,300,80
dnd-rat:orl 10 nmol/kg CBINA8 33,301,81
dnd-rat:emb 500 ug/L PAACA3 25,86,84
pic-rat:emb 100 ug/L CSHCAL 4,1521,77
bfa-rat:sat 10 mg/kg ENMUDM 1,155,79
cyt-rat:ivn 50 mg/kg GANNA2 64,637,73
cyt-rat:lvr 1300 ug/L CNREA8 40,1281,80
cyt-rat:unk 423 mg/kg MUREAV 113,239,83
sce-rat:lvr 1 umol/L MUREAV 91,467,81
sce-rat:oth 500 umol/L MUREAV 93,409,82
sce-rat:ast 1 mmol/L MUREAV 122,47,83
msc-rat:unk 300 ug/kg MUREAV 77,165,80
msc-rat:oth 18850 nmol/L ENMUDM 5,33,83
msc-rat:mmr 1 mg/L JJIND8 70,777,83
msc-rat:lvr 1 umol/L MUREAV 130,53,84
mnt-mus-scu 100 mg/kg EXPEAM 36,297,80
mnt-mus-unk 75 mg/kg MUREAV 80,141,81
mnt-mus-ipr 30 mg/kg PMRSDJ 1,698,81
mma-mus:lym 2 mg/L/4H MUREAV 59,61,79
slt-mus-orl 80 mg/kg ARTODN 38,99,77
slt-mus-par 100 mg/kg ARTODN 38,75,77
otr-mus:oth 100 ug/L IJCNAW 4,166,69
otr-mus:emb 3 umol/L PNASA6 76,930,79
otr-mus:fbr 500 ug/L AETODY 1,133,80
oms-mus-skn 4 mg/kg SCIEAS 199,778,78
dnd-mus:lvr 6 umol/L JJIND8 62,947,79
dnd-mus:fbr 3 mg/L COINAV 256,389,77
dnd-mus:emb 1200 nmol/L IJCNAW 4,813,69
dnd-mus-skn 192 umol/kg CRNGDP 5,231,84
dns-mus-skn 8 mg/kg PHMGBN 18,281,79
dnd-mus-ipr 500 mg/kg CBINA8 23,345,78
dnd-mus-orl 240 mg/kg CNREA8 42,1199,82
dns-mus-orl 12 mg/kg CNREA8 44,1547,84
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
dni-mus:oth 100 umol/L JJIND8 65,1321,80
dni-mus-ipr 100 mg/kg MUREAV 46,305,77
dns-mus:lvr 10 umol/L ENMUDM 5,1,83
oms-mus-skn 200 mg/L CBINA8 4,155,72
oms-mus-skn 200 mg/L CBINA8 4,155,72
bfa-mus/sat 100 mg/kg CNREA8 38,4478,78
cyt-mus-orl 25 mg/kg TCMUD8 3,321,83
cyt-mus-skn 40 mg/L CBINA8 26,103,79
cyt-mus:leu 100 ug/L/17H-C IJCNAW 9,435,72
cyt-mus:fbr 5 umol/L CNREA8 42,1866,82
sce-mus/lng 25 mg/kg PSEBAA 158,269,78
sce-mus:emb 1 umol/L ENMUDM 2,245,80
sce-mus:fbr 100 nmol/L CNREA8 42,1866,82
sce-mus-ipr 25 mg/kg ENMUDM 6,408,84
sce-mus-unk 100 mg/kg DTESD7 10,265,82
dlt-mus-ipr 750 mg/kg NATUAS 219,385,68
msc-mus:lym 4500 ug/L PMRSDJ 1,580,81
msc-mus:emb 3 umol/L PNASA6 76,930,79
msc-mus:fbr 200 nmol/L CNREA8 42,1866,82
spm-mus-ipr 100 mg/kg/5D PNASA6 72,4425,75
spm-mus-par 500 mg/kg ARTODN 38,75,77
spm-mus-orl 450 mg/kg MUREAV 38,327,76
spm-mus-unk 200 mg/kg ENMUDM 4,318,82
mma-ham:ovr 1 mg/L ENMUDM 4,354,82
mma-ham:lng 25 nmol/plate CNREA8 39,2660,79
slt-ham:ovr 5 mg/L PMRSDJ 1,594,81
otr-ham:oth 1200 nmol/L CNREA8 35,2413,75
otr-ham:lng 10 ug/L TOLED5 1000(Sp 1),18,80
otr-ham-ipr 500 mg/kg ARPAAQ 95,380,73
otr-ham:emb 400 ug/L CBINA8 13,105,76
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
otr-ham:fbr 1 mg/L NATUAS 264,360,76
otr-ham-par 1 mg/L PNASA6 56,672,66
dnd-ham:lng 30 umol/L/2H BBRCA9 72,732,76
dnd-ham:ovr 100 umol/L MUREAV 77,259,80
dnd-ham:emb 500 ug/L PAACA3 25,86,84
dnd-ham:oth 800 nmol/L CNREA8 33,2837,73
dns-ham:emb 10 mg/L/18H CBINA8 13,105,76
oms-ham:emb 1 mg/L BICHAW 17,1597,78
dnd-ham:oth 100 nmol/L CRNGDP 3,1283,82
dnd-ham:oth 1 umol/L CNREA8 43,4723,83
dns-ham:lvr 10 umol/L ENMUDM 5,1,83
dns-ham:oth 100 ug/L EVSRBT 27,277,83
pic-ham:emb 60 ug/L ENMUDM 6,474,84
cyt-ham:ovr 1670 mg/L PMRSDJ 1,551,81
cyt-ham:ihl 100 ug/L/5D-I TOXID9 1,139,81
cyt-ham-ipr 200 mg/kg TOLED5 2,277,78
cyt-ham:lng 100 mg/L ARTODN (Suppl 4),41,80
cyt-ham:fbr 1 mg/L BJCAAI 30,103,74
cyt-ham:emb 1 mg/L IJCNAW 20,768,77
sce-ham-ipr 900 mg/kg/24H MUREAV 66,65,79
sce-ham:ovr 10 umol/L/30M MUREAV 45,263,77
sce-ham:emb 10 ng/L CHYCDW 17,221,83
sce-ham:lng 1 ug/L JCINAO 64,1245,79
sce-ham:fbr 500 umol/L MUREAV 93,409,82
sce-ham-ihl 100 ug/L/5D-I NTIS** DE83-007112
sce-ham-unk 25 mg/kg EXPEAM 33,25,77
msc-ham-ipr 200 mg/kg TOLED5 2,277,78
msc-ham:lng 100 ug/L MUREAV 113,499,83
msc-ham:ovr 500 ug/L CBINA8 34,1,81
msc-ham:fbr 1 mg/L NATUAS 264,360,76
msc-ham:emb 500 ug/L CNREA8 44,1445,84
spm-ham-ipr 25 mg/kg/5D JTEHD6 8,929,81
cyt-ham:ovr 1 mmol/L MUREAV 111,209,83
otr-gpg:oth 10 mg/L CNREA8 35,1035,75
dnd-mky:oth 1 umol/L CNREA8 43,4723,83
dnd-rbt-ipr 11 mg/kg CRNGDP 3,1405,82
und-mam:lym 30 umol/L CBINA8 47,87,83
dnd-mam:kdy 1 mmol/L JTEHD6 6,333,80
dns-rbt-skn 100 ug/L PAACA3 21,94,80
dnd-dog:oth 1 umol/L CNREA8 43,4723,83
dnd-dog:lng 1 umol/L CNREA8 43,4723,83
sce-rbt-skn 30 ug/L PAACA3 21,94,80
sce-rbt:lym 10 umol/L/30M MUREAV 58,321,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T31T39 orl-rat TDLo:40 mg/kg (14D preg) NSAPCC 272,89,72
2T71T81 orl-rat TDLo:2 gm/kg (28D pre/1-22D preg) EXPEAM 20,224,64
1T72 orl-rat TDLo:1344 mg/kg (15D pre-5D post) DOESD6 54,410,81
1T83 ipr-rat TDLo:60 mg/kg (16-18D preg) BNEOBV 38,291,80
1T11 orl-mus TDLo:100 mg/kg (16D pre-5D post) DOESD6 54,410,81
1T82 orl-mus TDLo:1280 mg/kg (16D pre-5D post) DOESD6 54,410,81
1T91 orl-mus TDLo:100 mg/kg (7-16D preg) TJADAB 19,37A,79
3T26T22T23 orl-mus TDLo:100 mg/kg (MGN) BIREBV 24,183,81
1T76 orl-mus TDLo:1600 mg/kg (7-16D preg) BIREBV 24,183,81
1T81 orl-mus TDLo:100 mg/kg (7-16D preg) BIREBV 24,183,81
1T11 ipr-mus TDLo:50 mg/kg (1D pre) PPHAD4 1,143,80
1T01 ipr-mus TDLo:1500 mg/kg (5D male) PMRSDJ 1,712,81
1T54 ipr-mus TDLo:300 mg/kg (16-18D preg) JTEHD6 6,569,80
3T43T44T46 ipr-mus TDLo:200 mg/kg (7D preg) TJADAB 20,365,79
1T71 ipr-mus TDLo:150 mg/kg (8D preg) NTIS** CONF-771017
1T46 ipr-mus TDLo:50 mg/kg (8D preg) NTIS** CONF-771017
2T72T83 scu-mus TDLo:160 mg/kg (12D preg) PPHAD4 1,85,80
2T01T02 ipr-ham TDLo:10 mg/kg (5D male) JTEHD6 8,929,81

TUMORIGENIC DATA AND REFERENCES:

3V01K60Q60 orl-rat TDLo:15 mg/kg EXPTAX 18,288,80
2V03V10 ipr-rat TDLo:16 mg/kg BJCAAI 12,65,58
2V02V10 scu-rat TDLo:455 ug/kg/60D-I CBINA8 29,159,80
2V03R60 ivn-rat TDLo:39 mg/kg/6D-I CNREA8 29,506,69
2V01V10 ims-rat TDLo:2400 ug/kg NTIS** DOE/EV/03140-5
3V03A60V10 ice-rat TDLo:22 mg/kg CNREA8 29,1927,69
2V01J60 itr-rat TDLo:68 mg/kg/15W-I 85AGAF -,480,76
3V01J60V10 imp-rat TDLo:500 ug/kg JJIND8 71,539,83
3V01J60P61 orl-mus TDLo:700 mg/kg/75W-I GISAAA 45(12),14,80
2V03J60 ihl-mus TCLo:200 ng/m3/6H/13W-I GISAAA 47(7),23,82
2V01T65 skn-mus TDLo:120 mg/kg (MGN) BEXBAN 75,677,71
2V01R60 skn-mus TDLo:60 mg/kg (MGN) BEXBAN 71,677,71
3V01P60V10 skn-mus TDLo:25 ng/kg/110W-I ARGEAR 50,266,80
2V01J60 ipr-mus TDLo:10 mg/kg ARTODN (Suppl 4),74,80
3V01T65J60 ipr-mus TDLo:300 mg/kg (16-18D preg) JTEHD6 6,569,80
2V01V10 scu-mus TDLo:9 mg/kg JJIND8 71,309,83
3V01T65J60 scu-mus TDLo:480 mg/kg (11-15D preg) PSEBAA 135,84,70
2V03J60 ivn-mus TDLo:10 mg/kg JNCIAM 1,225,40
2V03J60 itr-mus TDLo:100 mg/kg/10W-I GNAMAP (20),59,81
2V01V10 imp-mus TDLo:200 mg/kg BJCAAI 39,761,79
2V03V10 unk-mus TDLo:80 mg/kg/8D-I BEBMAE 88(11),592,79
3V01P61K61 rec-mus TDLo:200 mg/kg ONCOBS 37,77,80
2V03V10 par-dog TDLo:819 mg/kg/26W-I JJIND8 65,921,80
3V03J22V10 imp-dog TDLo:651 mg/kg/21W-C JJIND8 65,921,80
3V03J60V10 scu-mky TDLo:40 mg/kg PSEBAA 127,594,68
2V03R60 skn-rbt TDLo:17 mg/kg/57W-I HSZPAZ 236,79,35
3V02T65C18 ivn-rbt TDLo:30 mg/kg (25D preg) BEXBAN 85,369,78
3V03J61P61 itr-rbt TDLo:145 mg/kg/2Y-I GANNA2 71,197,80
3V03K60R60 orl-ham TDLo:420 mg/kg/21W-I ZEKBAI 65,56,62
3V03D09J60 ihl-ham TCLo:9500 ug/m3/4H/96W-I JJIND8 66,575,81
2V03J61 scu-ham TDLo:4000 ug/kg CNREA8 32,360,72
2V01J60 itr-ham TDLo:64 mg/kg CALEDQ 3,231,77
3V03L60M61 imp-frg TDLo:45 mg/kg EXPEAM 20,143,64
3V01J60V10 imp-rat TD :500 ug/kg CALEDQ 20,97,83
2V02R60 skn-mus TD :15 mg/kg/60W-I JJIND8 71,309,83
3V01J60L60 itr-rat TD :200 mg/kg/15W-I 31BYAP -,199,74
2V01R60 skn-mus TD :26 mg/kg/65W-I AJPAA4 102,381,81
3V01J60R60 rec-mus TD :560 mg/kg/14W-I CALEDQ 20,117,83
2V01V10 scu-mus TD :8 mg/kg CNREA8 12,657,52
2V01J60 itr-ham TD :360 mg/kg/36W-I CNREA8 32,28,72
2V01V10 ims-rat TD :3150 ug/kg PAACA3 21,72,80
3V01R60V10 skn-mus TD :18 mg/kg/73W-I EVHPAZ 38,149,81
2V01V10 scu-mus TD :12 mg/kg GANNA2 62,309,71

TOXICITY DATA AND REFERENCES:

scu-rat LD50:50 mg/kg ZEKBAI 69,103,67
ipr-mus LDLo:500 mg/kg TXAPA9 23,288,72
irn-frg LDLo:11 mg/kg CNREA8 24,1969,64

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 32XPAD -,49,75; ACRSAJ 7,475,63; MUREAV 39,257,77; ZHPMAT 166,144,78; BNYMAM 54,413,78; PEXTAR 5,157,64; 85CVA2 5,257,70; 85DHAX Pc,4,72; NTIS** CONF-691001; BLFSBY 24,129,83; PVTMA3 9,622,80

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,91,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 32,211,83

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 251
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4200000 BENZO(e)PYRENE

UPDT 8408 CAS: 192-97-2 MW: 252.32 MOLFM: C20 H12
SYN: 1,2-BENZOPYRENE * 1,2-BENZPYRENE * 4,5-BENZOPYRENE * BaeP

MUTATION DATA AND REFERENCES:

mmo-sat 1 nmol/plate CNREA8 40,1985,80

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

mma-sat 50 ug/plate JJIND8 62,893,79
dns-hmn:fbr 1 mg/L CNREA8 38,2091,78
dns-hmn:hla 1 umol/L CNREA8 38,2621,78
msc-hmn:oth 12 umol/L MUREAV 130,127,84
dns-rat:lvr 79 nmol/L CNREA8 42,3010,82
mma-mus:lym 10 mg/L MUREAV 59,61,79
dnd-mus-skn 192 umol/kg CRNGDP 5,231,84
otr-ham:kdy 25 ug/L TOLED5 7,143,80
otr-ham:emb 10 mg/L JNCIAM 42,867,69
dnd-ham:lng 100 umol/L/4H BBRCA9 72,732,76
ce-ham-ipr 900 mg/kg/24H MUREAV 66,65,79
s.e-ham:ovr 1 umol/L MUREAV 53,284,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T46 ipr-mus TDLo:300 mg/kg (8D preg) SEIJBO 21,97,81
1T34 ipr-mus TDLo:150 mg/kg (8D preg) SEIJBO 21,97,81

TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-mus TDLo:360 mg/kg/43W-I VRRAAT 20,276,38
2V03R60 skn-mus TDLo:240 mg/kg/30W-I CALEDQ 7,51,79
2V03V16 scu-mus TDLo:160 mg/kg AJCAA7 27,474,36
2V03V16 scu-gpg TDLo:140 mg/kg/37W-I AJCAA7 27,474,36
2V03R60 skn-mus TD :516 mg/kg/43W-I CANCAR 12,1079,59

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 3,137,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,225,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2-BENZOPYRENE see: DJ4200000
3,4-BENZOPYRENE see: DJ3675000
4,5-BENZOPYRENE see: DJ4200000
6,7-BENZOPYRENE see: DJ3675000

DJ4800000 BENZO(a)PYRENE, 6-ACETOXYMETHYL-
UPDT:8401 CAS: 42978-43-8 MW: 324.39 MOLFM: C23-H16-O2
SYN: 6-ACETOXYMETHYLBENZO(a)PYRENE * 6-ACETYLOXYMETHYLBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate PAACA3 24,93,83
dnd-rat:lym 500 mg/L CBINA8 25,35,79
dnd-mam:lym 500 mg/L CBINA8 25,35,79

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:584 ug/kg/60D-I CBINA8 29,159,80
2V03V10 scu-rat TD :100 mg/kg/40D-I JMCMAR 16,714,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4825000 BENZO(a)PYRENE, 6-BENZOYLOXYMETHYL-
UPDT:8401 CAS: 42978-42-7 MW: 386.46 MOLFM: C28-H18-O2
SYN: 6-BENZOYLOXYMETHYLBENZO(a)PYRENE

TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:100 mg/kg/40D-I JMCMAR 16,714,73
2V02V10 scu-rat TD :2898 ug/kg/60D-I CBINA8 29,159,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4830000 BENZO(a)PYRENE, 6-BROMO-
UPDT:8401 CAS: 21248-00-0 MW: 331.22 MOLFM: C20-H11-Br
SYN: 6-BROMOBENZO(a)PYRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:40 mg/kg BJCAAI 26,506,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4850000 BENZO(a)PYRENE, 6-BROMOMETHYL-
UPDT:8405 CAS: 49852-85-9 MW: 345.25 MOLFM: C21-H13-Br
SYN: 6-BROMOMETHYLBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
dnd-mam:lym 100 mg/L CBINA8 47,111,83

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:100 mg/kg/40D-I JMCMAR 16,714,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4910000 BENZO(a)PYRENE-6-CARBOXALDEHYDE
UPDT:8401 CAS: 13312-42-0 MW: 280.33 MOLFM: C21-H12-O
SYN: 3,4-BENZPYRENE-5-ALDEHYDE * 6-FORMYLBENZO(a)PYRENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:17 mg/kg/60D-I CBINA8 29,159,80
2V02R60 skn-mus TDLo:180 mg/kg/20W-I CBINA8 22,53,78
2V02V10 scu-mus TDLo:40 mg/kg BJCAAI 26,506,72
2V03V10 unk-mus TDLo:80 mg/kg/8D-I BEBMAE 88(11),592,79
2V03V10 scu-mus TD :200 mg/kg COREAF 245,876,57
3V03R60V10 skn-mus TD :32 mg/kg/20W-I BEXBAN 87,474,79
2V03R60 skn-mus TD :32 mg/kg/20W-I BEXBAN 87,474,79
2V03R60 skn-mus TD :179 mg/kg/20W-I PAACA3 18,59,77
2V03V10 scu-rat TD :100 mg/kg/40D-I JMCMAR 16,714,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4917500 BENZO(a)PYRENE-6-CARBOXALDEHYDE THIOSEMICARBAZONE
UPDT:8401 CAS: 64048-70-0 MW: 353.46 MOLFM: C22-H15-N3-S
SYN: 3,4-BENZPYRENE-5-ALDEHYDE THIOSEMICARBAZONE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:200 mg/kg COREAF 245,876,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4920000 BENZO(a)PYRENE, 6-CHLOROMETHYL-
UPDT:8401 CAS: 49852-84-8 MW: 300.79 MOLFM: C21-H13-Cl
SYN: 6-CHLOROMETHYLBENZO(a)PYRENE

TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:100 mg/kg/40D-I JMCMAR 16,714,73
2V02V10 scu-rat TD :2256 mg/kg/60D-I CBINA8 29,159,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4965000 BENZO(a)PYRENE, 7,8-DIHYDRO-
UPDT:8401 CAS: 17573-23-8 MW: 254.34 MOLFM: C20-H14
SYN: 7,8-DIHYDROBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate PNASA6 72,5135,75

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:9 mg/kg JJIND8 64,617,80

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4965400 BENZO(a)PYRENE, 9,10-DIHYDRO-
UPDT:8401 CAS: 17573-15-8 MW: 254.34 MOLFM: C20-H14
SYN: 9,10-DIHYDROBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 25 umol/L MOPMA3 13,1116,77

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DJ4965500 BENZO(e)PYRENE, 9,10-DIHYDRO-
UPDT:8401 MW: 254.34 MOLFM: C20-H14
SYN: 9,10-DIHYDROBENZO(e)PYRENE * 9,10-H2 B(e)P

MUTATION DATA AND REFERENCES:
mma-sat nmol/plate CNREA8 40,1985,80
mma-sat 10 nmol/plate JBCHA3 254,4408,79

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:25 mg/kg CNREA8 40,203,80
2V03V10 scu-mus TDLo:9 mg/kg JJIND8 64,617,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4975000 BENZO(a)PYRENE, 4,5-DIHYDRO-4,5-DIHYDROXY-
UPDT:8401 CAS: 28622-84-6 MW: 286.34 MOLFM: C20-H14-O2
SYN: BENZO(a)PYRENE, 4,5-DIHYDROXY-4,5-DIHYDRO- * BP-4,5-DIHYDRODIOL * 4,5-DIHYDRO-4,5-DIHYDROXYBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
dnd-hmn:fbr 30 umol/L CBINA8 41,155,82

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4580 ug/kg CCSUDL 3,371,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4990000 BENZO(a)PYRENE, 4,5-DIHYDRO-4,5-DIHYDROXY-, (E)-
UPDT:8401 CAS: 37571-88-3 MW: 286.34 MOLFM: C20-H14-O2
SYN: BENZO(a)PYRENE-4,5-DIHYDRODIOL (E)- * trans-4,5-DIHYDRO-4,5-DIHYDROXYBENZO(a)PYRENE * trans-4,5-DIHYDROBENZO(a)PYRENE-4,5-DIOL * trans-4,5-DIHYDROXY-4,5-DIHYDROBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
dni-omi 2 mg/L PNASA6 74,1378,77
otr-ham:emb 1 mg/L IJCNAW 19,814,77
sce-ham:ovr 8 mg/L MUREAV 50,367,78
msc-ham:lng 25 mg/L CNREA8 36,3350,76

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:1 mg/kg BJCAAI 34,523,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4990500 BENZO(e)PYRENE, 4,5-DIHYDRO-4,5-DIHYDROXY-
UPDT:8401 MW: 286.34 MOLFM: C20-H14-O2
SYN: BENZO(e)PYRENE-4,5-DIHYDRODIOL * B(e)P 4,5-DIHYDRODIOL * trans-4,5-DIHYDROXY-4,5-DIHYDROBENZO(e)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate JBCHA3 254,4408,79

TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 ipr-mus TDLo:32 mg/kg/15D-I CNREA8 40,203,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4995000 BENZO(a)PYRENE, 7,8-DIHYDRO-7,8-DIHYDROXY-
UPDT:8401 CAS: 13345-25-0 MW: 286.34 MOLFM: O2-C20-H14
SYN: BENZO(a)PYRENE-7,8-DIHYDRODIOL * BP-7,8-DIHYDRODIOL

MUTATION DATA AND REFERENCES:
mma-sat 10 umol/L CNREA8 42,1620,82
dnd-sal:spr 215 mg/L NATUAS 252,326,74
dnd-hmn:fbr 30 umol/L CBINA8 41,155,82
dnd-rat:lvr 30 umol/L CBINA8 20,311,78
otr-ham:fbr 100 ug/L NATUAS 264,360,76
dnd-ham:emb 250 mg/L NATUAS 252,326,74
mn-ham:fbr 100 ug/L NATUAS 264,360,76
dnd-mam:lym 15400 pmol IJBBBQ 17,96,80

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4580 ug/kg CCSUDL 3,371,78
3V03N60P62 par-mus TDLo:4 mg/kg BJCAAI 37,657,78
2V03R60 skn-mus TD :2290 ug/kg CALEDQ 2,115,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ4997000 BENZO(a)PYRENE, 7,8-DIHYDRO-7,8-DIHYDROXY-, (E)-
UPDT:8405 MW: 286.34 MOLFM: C20-H14-O2
SYN: BENZO(a)PYRENE-7,8-DIHYDRODIOL (E)- * (E)-7,8-DIHYDROBENZO(a)PYRENE-7,8-DIOL * trans-7,8-DIHYDRO-7,8-DIHYDROXYBENZO(a)PYRENE * trans-7,8-DIHYDROXY-7,8-DIHYDROBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 250 nmol/L CBINA8 47,175,83
dni-omi 200 ug/L PNASA6 74,1378,77
mma-ham:lng 70 nmol/L PNASA6 73,607,76
otr-ham:emb 100 ug/L IJCNAW 19,814,77
sce-ham:ovr 500 ug/L MUREAV 50,367,78

DJ5003000 BENZO(a)PYRENE, 7,8-DIHYDRO-7,8-DIHYDROXY-, (-)-trans-
UPDT:8401 CAS: 60864-95-1 MW: 286.34 MOLFM: C20-H14-O2
SYN: BP 7,8-DIHYDRODIOL * (-)-trans-7,8-DIHYDROXY-7,8-DIHYDROBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mmo-sat 8 ug/plate MUREAV 58,361,78
mma-sat 6 ug/plate MUREAV 58,361,78
otr-rat:lvr 10 mg/L CNREA8 40,1281,80
cyt-rat:lvr 10 mg/L CNREA8 40,1281,80
msc-ham:lng 40 nmol/L/2D CALEDQ 4,35,77

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:573 ug/kg CNREA8 37,2721,77
2V02R60 skn-mus TD :1144 ug/kg CCSUDL 3,371,78
2V02R60 skn-mus TD :1 mg/kg BJCAAI 34,523,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5008000 BENZO(a)PYRENE, 7,8-DIHYDRO-7,8-DIHYDROXY-, (+)-trans-
UPDT:8401 CAS: 62314-67-4 MW: 286.34 MOLFM: C20-H14-O2
SYN: (+)-trans-7,8-DIHYDROXY-7,8-DIHYDROBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 4 ug/plate MUREAV 58,361,78
otr-rat:lvr 10 mg/L CNREA8 40,1281,80
msc-ham:lng 1200 nmol/L/2D CALEDQ 4,35,77

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:573 ug/kg CNREA8 37,2721,77
2V02R60 skn-mus TD :1144 ug/kg CCSUDL 3,371,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5009000 BENZO(a)PYRENE, 7,8-DIHYDRO-7,8-DIHYDROXY-, (+)-trans-
UPDT:8401 CAS: 61443-57-0 MW: 286.34 MOLFM: C20-H14-O2

BEST COPY AVAILABLE

SYN: BP 7,8-DIHYDRODIOL * (- -)-trans-7,8-DIHYDROXY-7,8-DIHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mma-sat 4 ug/plate — MUREAV 58,361,78
dnd-rat-lvr 20 umol/L — CRNGDP 3,861,82
otr-mus:fbr 600 nmol/L — CNREA8 42,1866,82
cyt-mus:fbr 5 umol/L — CNREA8 42,1866,82
sce-mus:fbr 10 umol/L — CNREA8 42,1866,82
msc-mus:fbr 200 nmol/L — CNREA8 42,1866,82
sce-ham:lng 1 ug/L — JCINAO 64,1245,79
msc-ham:lng 400 nmol/L/2D — CALEDQ 4,35,77
dnd-mam:lym 5 umol/L — CRNGDP 3,697,82
TUMORIGENIC DATA AND REFERENCES:
3V01J60K60 orl-mus TDLo:206 mg/kg/6W-I — JJIND8 62,1103,79
2V02R60 skn-mus TDLo:34 mg/kg/60W-I — CNREA8 37,3356,77
2V02V10 scu-mus TDLo:10 mg/kg — JJIND8 64,617,80
3V03R60V10 skn-mus TD :22 mg/kg/25W-I — PNASA6 73,3867,76
2V03R60 skn-mus TD :2160 ug/kg — CNREA8 37,4130,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5010000 BENZO(a)PYRENE, 9,10-DIHYDRO-9,10-DIHYDROXY-
UPDT:8401 CAS: 24909-09-9 MW: 286.34 MOLFM: C20-H14-O2
SYN: 9,10-DIHYDRO-9,10-DIHYDROXYBENZO(a)PYRENE * 9,10-DIHYDROBENZO(a)PYRENE-9,10-DIOL
MUTATION DATA AND REFERENCES:
dnd-hmn:fbr 30 umol/L — CBINA8 41,155,82
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:1 mg/kg — BJCAAI 34,523,76
2V03R60 skn-mus TD :4580 ug/kg — CCSUDL 3,371,78
2V02R60 skn-mus TD :4580 ug/kg — CNREA8 40,1981,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5020000 BENZO(a)PYRENE, 9,10-DIHYDRO-9,10-DIHYDROXY-, (E)-
UPDT:8306 MW: 284.32 MOLFM: C20-H12-O2
SYN: trans-9,10-DIHYDRO-9,10-DIHYDROXYBENZO(a)PYRENE * trans-9,10-DIHYDROXY-9,10-DIHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mma-ham:lng 3500 nmol/L — PNASA6 73,607,76
otr-ham:emb 10 mg/L — IJCNAW 19,814,77
sce-ham:ovr 8 mg/L — MUREAV 50,367,78

DJ5025000 BENZO(e)PYRENE, 9,10-DIHYDRO-9,10-DIHYDROXY-, (E)-
UPDT:8401 MW: 286.34 MOLFM: C20-H14-O2
SYN: B(e)P 9,10-DIHYDRODIOL * trans-9,10-DIHYDROXY-9,10-DIHYDROBENZO(e)PYRENE
MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate — JBCHA3 254,4408,79
TUMORIGENIC DATA AND REFERENCES:
2V02L60 ipr-mus TDLo:32 mg/kg/15D-I — CNREA8 40,203,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5030000 BENZO(a)PYRENE, 9,10-DIHYDRO-9,10-DIHYDROXY-, (+-)-trans-
UPDT:8401 CAS: 58030-91-4 MW: 286.34 MOLFM: C20-H14-O2
SYN: BP-9,10-DIHYDRODIOL * (- -)-trans-9,10-DIHYDROXY-9,10-DIHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate — CNREA8 41,270,81
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:4600 ug/kg — CALEDQ 3,23,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZO(a)PYRENE, 9,10-DIHYDRO-9,10-DIHYDROXY-, (Z)- see: DJ6310200

DJ5032000 BENZO(a)PYRENE, 7,8-DIHYDRO-7,8-DIHYDROXY-9,10-EPOXY-
UPDT:8406 MW: 300.32 MOLFM: C20-H12-O3
SYN: 7,8-DIHYDRO-7,8-DIHYDROXYBENZO(a)PYRENE 9,10-OXIDE * 7,8-DIHYDROXY-9,10-EPOXY-7,8-DIHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mma-sat 4500 nmol/L — BBRCA9 66,693,75
dnd-sal:spr 67 mg/L — NATUAS 252,326,74
dnd-mam:lym 9700 pmol — IJBBBQ 17,96,80
dnd-dck:lym 300 umol/L — CBINA8 23,201,78

DJ5050000 BENZO(a)PYRENE, 7,8-DIHYDRO-7,8-DIHYDROXY-9,10-EPOXY-, trans-
UPDT:8401 MW: 302.34 MOLFM: C20-H14-O3
SYN: BENZO(a)PYRENE-7,8-DIHYDRODIOL-9,10-EPOXIDE (anti) * anti-BENZO(a)PYRENE-7,8-DIHYDRODIOL-9,10-OXIDE * BP-7,8-DIHYDRODIOL-9,10-EPOXIDE(ANTI) * anti-BP-7,8-DIHYDRODIOL-9,10-OXIDE
MUTATION DATA AND REFERENCES:
dnd-hmn:lym 800 ug/L — CRNGDP 3,1107,82
dns-hmn:lym 100 ug/L — CRNGDP 3,1107,82
otr-mus:fbr 200 nmol/L — CNREA8 42,1866,82
msc-mus:fbr 200 nmol/L — CNREA8 42,1866,82
msc-ham:lng 100 ug/L — IJCNAW 24,203,79
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2400 ug/kg — CALEDQ 2,115,76
2V03R60 skn-mus TD :4840 ug/kg — CALEDQ 3,23,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZO(e)PYRENE-4,5-DIHYDRODIOL see: DJ4990500
BENZO(a)PYRENE-4,5-DIHYDRODIOL, (E)- see: DJ4990000
BENZO(a)PYRENE-7,8-DIHYDRODIOL see: DJ4995000
BENZO(a)PYRENE-7,8-DIHYDRODIOL, (E)- see: DJ4997000
cis-BENZO(a)PYRENE-9,10-DIHYDRODIOL see: DJ6310200
BENZO(a)PYRENE-7,8-DIHYDRODIOL-9,10-EPOXIDE (anti) see: DJ5050000
anti-BENZO(a)PYRENE-7,8-DIHYDRODIOL-9,10-OXIDE see: DJ5050000

DJ5051500 BENZO(e)PYRENE, 4,5-DIHYDRO-4,5-EPOXY-
UPDT:8403 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(e)PYRENE 4,5-OXIDE * 4,5-DIHYDRO-4,5-EPOXYBENZO(e)PYRENE
MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate — MUREAV 111,99,83
BENZO(a)PYRENE, 7,8-DIHYDRO-7,8-EPOXY- see: DJ7920000

DJ5055000 BENZO(a)PYRENE, 9,10-DIHYDRO-7-METHYL-
UPDT:8401 CAS: 7499-32-3 MW: 268.37 MOLFM: C21-H16
SYN: 9,10-DIHYDRO-7-METHYLBENZO(a)PYRENE * 1,2-DIHYDRO-4-METHYL-3,4-BENZPYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-mus TDLo:520 mg/kg/10W-I — AJCAA7 36,211,39
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZO(a)PYRENE, 4,5-DIHYDROXY-4,5-DIHYDRO- see: DJ4975000

DJ5055800 BENZO(a)PYRENE, 7-alpha,8-beta-DIHYDROXY-9-alpha,10-alpha-EPOXY-7,8,9,10-TETRAHYDRO-, (+)-cis-
UPDT:8401 MW: 302.34 MOLFM: C20-H14-O3
SYN: BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-alpha,8-beta-DIHYDROXY-9-alpha,10-alpha-EPOXY- (+)-Z- * BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-beta,8-alpha-DIHYDROXY-9-beta,10-beta-EPOXY- (-)-cis- * (-)-BP-7-alpha,8-beta-DIOL-9-alpha,10-alpha-EPOXIDE 1 * (-)-cis-7-alpha,8-beta-DIHYDROXY-9-alpha,10-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate — BBRCA9 77,1389,77
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1200 ug/kg — CNREA8 39,67,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5055900 BENZO(a)PYRENE, 7-beta,8-alpha-DIHYDROXY-9-beta,10-beta-EPOXY-7,8,9,10-TETRAHYDRO-, (-)-cis
UPDT:8405 MW: 302.34 MOLFM: C20-H14-O3
SYN: BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-alpha,8-beta-DIHYDROXY-9-alpha,10-alpha-EPOXY- (-)-Z- * BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-beta,8-alpha-DIHYDROXY-9-beta,10-beta-EPOXY- (-)-Z- * (-)-BP-7-beta,8-alpha-DIOL-9-beta,10-beta-EPOXIDE 1 * (-)-cis-7-beta,8-alpha-DIHYDROXY-9-beta,10-beta-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate — BBRCA9 77,1389,77
dnd-mus-skn 8 umol/kg — CNREA8 44,1081,84
msc-ham:lng 1 umol/L — MUREAV 44,313,77
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1200 ug/kg — CNREA8 39,67,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZO(e)PYRENE, 9,10-DIHYDROXY-9,10,11,12-TETRAHYDRO-, (E)- see: DJ7955200

DJ5075000 BENZO(a)PYRENE, 1,2-DIMETHYL-
UPDT:8401 CAS: 16757-85-0 MW: 280.38 MOLFM: C22-H16
SYN: 1,2-DIMETHYLBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
cyt-ckn:leu 1 pph/30M — BBRCA9 93,954,80
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/13W-I — IJCNAW 3,238,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5076000 BENZO(a)PYRENE, 1,3-DIMETHYL-
UPDT:8401 CAS: 16757-86-1 MW: 280.38 MOLFM: C22-H16
SYN: 1,3-DIMETHYLBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/13W-I — IJCNAW 3,238,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5077000 BENZO(a)PYRENE, 1,4-DIMETHYL-
UPDT:8401 CAS: 16757-88-3 MW: 280.38 MOLFM: C22-H16
SYN: 1,4-DIMETHYLBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/13W-I — IJCNAW 3,238,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5078000 BENZO(a)PYRENE, 1,6-DIMETHYL-
UPDT:8401 CAS: 16757-90-7 MW: 280.38 MOLFM: C22-H16
SYN: 1,6-DIMETHYLBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/13W-I — IJCNAW 3,238,68
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5080000 BENZO(a)PYRENE, 2,3-DIMETHYL-
UPDT:8401 CAS: 16757-87-2 MW: 280.38 MOLFM: C22-H16
SYN: 2,3-DIMETHYLBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/13W-I — IJCNAW 3,238,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5082000 BENZO(a)PYRENE, 3,6-DIMETHYL-
UPDT:8401 CAS: 16757-91-8 MW: 280.38 MOLFM: C22-H16
SYN: 3,6-DIMETHYLBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/13W-I — IJCNAW 3,238,68
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5083000 BENZO(a)PYRENE, 3,12-DIMETHYL-
UPDT:8401 CAS: 16757-84-9 MW: 280.38 MOLFM: C22-H16
SYN: 3,12-DIMETHYLBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/13W-I — IJCNAW 3,238,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ5085000 BENZO(a)PYRENE, 4,5-DIMETHYL-
UPDT:8401 CAS: 16757-89-4 MW: 280.38 MOLFM: C22-H16
SYN: 4,5-DIMETHYLBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/13W-I — IJCNAW 3,238,68
TOXICITY DATA AND REFERENCES:
unk-mus LD50:5600 mg/kg — GISAAA 44(3),11,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ6305000 BENZO(a)PYRENE-7,8-DIOL, DIACETATE (ester), (E)-
UPDT:8401 MW: 368.40 MOLFM: C24-H16-O4
SYN: trans-7,8-DIACETOXY-7,8-DIHYDROBENZO(a)PYRENE * trans-BP-7,8-DIHYDRODIOL DIACETATE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:13 mg/kg — JJIND8 64,617,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ6307000 BENZO(a)PYRENE-7-beta,8-alpha-DIOL, 7,8-DIHYDRO-
UPDT:8403 MW: 286.34 MOLFM: C20-H14-O2
SYN: 7,8-DIHYDROBENZO(a)PYRENE-7-beta,8-alpha-DIOL * 7-beta,8-alpha-HYDROXY-7,8-DIHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
msc-ham:lng 500 ug/L — MUREAV 111,245,83

DJ6310200 BENZO(a)PYRENE-9,10-DIOL, 9,10-DIHYDRO- (Z)-
UPDT:8403 CAS: 56484-47-0 MW: 286.34 MOLFM: C20-H14-O2
SYN: BENZO(a)PYRENE 9,10-DIHYDRO-9,10-DIHYDROXY- (Z)- * cis-BENZO(a)PYRENE-9,10-DIHYDRODIOL * BP cis-9,10-DIHYDRODIOL * (Z)-9,10-DIHYDROBENZO(a)PYRENE-9,10-DIOL
MUTATION DATA AND REFERENCES:
msc-ham:lng 15 mg/L — CNREA8 36,3350,76
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

BENZO(a)PYRENE DIOL EPOXIDE anti see: DJ7960000
anti-BENZO(a)PYRENE-DIOLEPOXIDE see: DJ7955700
anti(- -)BENZO(a)PYRENE-DIOL-EPOXIDE see: DJ7960000

BEST COPY AVAILABLE

DJ6310800 BENZO(a)PYRENE-7-alpha,8-beta-DIOL, 9-beta,10-beta-EPOXY-7,8,9,10-TETRAHYDRO-, (+-)-
UPDT:8308 MW: 302.34 MOLFM: C20-H14-O3
SYN: BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-alpha,8-beta-DIHYDROXY-9-beta,10-beta-EPOXY-, (+-)- * BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-9-beta,10-beta-EPOXY-7-alpha,8-beta-DIHYDROXY-, (+-)- * anti-BPDE * (+-)-7-alpha,8-beta-DIHYDROXY-9-beta,10-beta-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
dnd-mus-skn 20 umol/kg — CRNGDP 3,1135,82
oms-mus-skn 20 umol/kg — CRNGDP 3,1135,82
cyt-ham:lng 600 ug/L — IJCNAW 24,485,79
sce-ham:lng 600 ug/L — IJCNAW 24,485,79

DJ6315000 BENZO(a)PYRENE-1,6-DIONE
UPDT:8401 CAS: 3067-13-8 MW: 282.30 MOLFM: C20-H10-O2
SYN: 1,6-BENZO(a)PYRENEDIONE * BENZO(a)PYRENE-1,6-QUINONE * BP-1,6-QUINONE
MUTATION DATA AND REFERENCES:
msc-ham:lng 2 mg/L — CNREA8 36,3350,76
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4520 ug/kg — CCSUDL 3,371,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ6315400 BENZO(a)PYRENE-3,6-DIONE
UPDT:8401 CAS: 3067-14-9 MW: 282.30 MOLFM: C20-H10-O2
SYN: 3,6-BENZO(a)PYRENEDIONE * BENZO(a)PYRENE-3,6-QUINONE * BP-3,6-QUINONE
MUTATION DATA AND REFERENCES:
msc-ham:lng 2 mg/L — CNREA8 36,3350,76
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4520 ug/kg — CCSUDL 3,371,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ6316000 BENZO(a)PYRENE-6,12-DIONE
UPDT:8401 CAS: 3067-12-7 MW: 282.30 MOLFM: C20-H10-O2
SYN: 6,12-BENZO(a)PYRENEDIONE * BENZO(a)PYRENE 6,12-QUINONE * 6,12-BENZOPYRENE QUINONE * BP-6,12-QUINONE
MUTATION DATA AND REFERENCES:
msc-ham:lng 4 mg/L — CNREA8 36,3350,76
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4520 ug/kg — CCSUDL 3,371,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,6-BENZO(a)PYRENEDIONE see: DJ6315000
3,6-BENZO(a)PYRENEDIONE see: DJ6315400
6,12-BENZO(a)PYRENEDIONE see: DJ6316000

DJ6350000 2H-BENZO(cd)PYRENE-2,6(1H)-DIONE, 3,5,7,10-TETRAHYDROXY-1,1,9-TRIMETHYL-
UPDT:8401 CAS: 20004-62-0 MW: 376.38 MOLFM: C22-H16-O6
SYN: A 3733A * ANTIBIOTIC A 3733A * CROCEOMYCIN * GELIOMYCIN * HELIOMYCIN * ITAMYCIN * RESISTOMYCIN * X-340
TUMORIGENIC DATA AND REFERENCES:
3V01J60V10 imp-rat TDLo:20750 ug/kg — JJIND8 71,539,83
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg — 85GDA2 3,354,80
* ipr-mus LD50:20 mg/kg — 85GDA2 3,351,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(a)PYRENE 4,5-EPOXIDE see: DJ7900000
BENZO(a)PYRENE 7,8-EPOXIDE see: DJ7920000
BENZO(a)PYRENE-9,10-EPOXIDE, 7,8,9,10-TETRAHYDRO- see: DJ6380000
BENZO(a)PYRENE-9,10-EPOXYIDE, 7,8,9,10-TETRAHYDRO- see: DJ6380000

DJ6380000 BENZO(a)PYRENE, 9,10-EPOXY-7,8,9,10-TETRAHYDRO-
UPDT:8401 CAS: 36504-68-4 MW: 270.34 MOLFM: C20-H14-O
SYN: BENZO(a)PYRENE-9,10-EPOXIDE, 7,8,9,10-TETRAHYDRO- * BENZO(a)PYRENE-9,10-EPOXYIDE, 7,8,9,10-TETRAHYDRO- * BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-9,10-EPOXY- * 9,10-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 100 pmol/plate — CNREA8 40,642,80
mma-sat 300 pmol/plate — CNREA8 36,3358,76
dni-omi 200 ug/L — PNASA6 74,1378,77
msc-ham:lng 60 nmol/L — CNREA8 36,3358,76
dnd-mam:lym 10 mmol/L — CRNGDP 3,247,82
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:519 mg/kg/60W-I — CNREA8 37,3356,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ6380050 BENZO(e)PYRENE, 9,10-EPOXY-9,10,11,12-TETRAHYDRO-
UPDT:8401 MW: 270.34 MOLFM: C20-H14-O
SYN: BENZO(e)PYRENE, 9,10,11,12-TETRAHYDRO-9,10-EPOXY- * B(e)P H4-9,10-EPOXIDE * 9,10-EPOXY-9,10,11,12-TETRAHYDROBENZO(e)PYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate — CNREA8 40,1985,80
mma-sat 13 pmol/plate — JBCHA3 254,4408,79
msc-ham:lng 1100 nmol/L — CNREA8 40,1985,80
dnd-mam:lym 10 umol/L — CRNGDP 3,247,82
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:10 mg/kg — JJIND8 64,617,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ6380200 BENZO(a)PYRENE mixed with FERRIC OXIDE (1:1)
UPDT:8306 MW: 412.02 MOLFM: C20-H12 Fe2-O3
SYN: 3,4-BENZOPYRENE mixed with FERRIC OXIDE (1:1) * 3,4-BENZOPYRENE mixed with HEMATITE (1:1) * BENZO(a)PYRENE mixed with HEMATITE (1:1) * FERRIC OXIDE mixed with BENZO(a)PYRENE (1:1) * FERRIC OXIDE mixed with 3,4-BENZOPYRENE (1:1) * HEMATITE mixed with BENZO(a)PYRENE (1:1) * HEMATITE mixed with 3,4-BENZOPYRENE (1:1)
TUMORIGENIC DATA AND REFERENCES:
2V03J60 itr-ham TDLo:720 mg/kg/15W-I — ACYTAN 17,476,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
3,4-BENZOPYRENE mixed with FERRIC OXIDE (1:1) see: DJ6380200

DJ6380270 BENZO(a)PYRENE, 6-FLUORO-
UPDT:8405 MW: 270.31 MOLFM: C20-H11-F
SYN: 6-FLUOROBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:35 mg/kg/1W-I — JJIND8 71,309,83
2V02R60 skn-mus TDLo:49 mg/kg/60W-I — JJIND8 71,309,83
2V01V10 scu-mus TDLo:9 mg/kg — JJIND8 71,309,83
2V03R60 skn-mus TD :16 mg/kg/60W-I — JJIND8 71,309,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(a)PYRENE mixed with HEMATITE (1:1) see: DJ6380200
3,4-BENZOPYRENE mixed with HEMATITE (1:1) see: DJ6380200
BENZO(a)PYRENE, 2-HYDROXY- see: DJ8200000
BENZO(a)PYRENE, 3-HYDROXY- see: DJ8225000

DJ6392450 BENZO(a)PYRENE, 4-HYDROXY-
UPDT:8401 CAS: 37574-48-4 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZ(a)PYRENE, 4-HYDROXY- * BENZO(a)PYREN-4-OL
MUTATION DATA AND REFERENCES:
mmo-sat 16 ug/plate — MUREAV 36,379,76
dni-omi 200 ug/L — PNASA6 74,1378,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
BENZO(a)PYRENE, 5-HYDROXY- see: DJ8240000
BENZO(a)PYRENE, 6-HYDROXY- see: DJ8260000
BENZO(a)PYRENE, 7-HYDROXY- see: DJ8270000

DJ6392800 BENZO(a)PYRENE, 8-HYDROXY-
UPDT:8302 CAS: 13345-26-1 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(a)PYREN-8-OL * 8-HYDROXY-BENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 18600 pmol/L — RRBCAD 18,291,81
dni-omi 2 mg/L — PNASA6 74,1378,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
BENZO(a)PYRENE, 9-HYDROXY- see: DJ8280000
BENZO(a)PYRENE, 10-HYDROXY- see: DJ8285000
BENZO(a)PYRENE, 11-HYDROXY- see: DJ8290000
BENZO(a)PYRENE, 12-HYDROXY- see: DJ8295000
BENZO(a)PYRENE, 6-HYDROXYMETHYL- see: DJ6410000

DJ6410000 BENZO(a)PYRENE-6-METHANOL
UPDT:8405 CAS: 21747-98-3 MW: 282.35 MOLFM: C21-H14-O
SYN: BENZO(a)PYRENE, 6-HYDROXYMETHYL- * 6-HYDROXYMETHYLBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mma-sat 500 ng/plate — PNASA6 72,5135,75
dnd-omi 30 umol/L — CBINA8 31,51,80
sln-dmg-par 5 mmol/L — CNREA8 33,302,73
dnd-rat-lym 500 mg/L — CBINA8 25,35,79
mma-ham:lng 3600 nmol/L — PNASA6 73,607,76
dnd-mam:lym 500 mg/L — CBINA8 25,35,79
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:100 mg/kg/40D-I — JMCMAR 16,714,73
2V01R60 skn-mus TDLo:180 mg/kg/20W-I — CBINA8 22,53,78
2V02V10 scu-mus TDLo:20 mg/kg — BJCAAI 26,506,72
2V02R60 skn-mus TD :4510 ug/kg — CCSUDL 3,371,78
2V03R60 skn-mus TD :180 mg/kg/20W-I — PAACA3 18,59,77
2V02V10 scu-rat TD :508 ug/kg/60D-I — CBINA8 29,159,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ6440000 BENZO(a)PYRENE-6-METHANOL, SODIUM SULFATE (ester)
UPDT:8401 CAS: 68041-18-9 MW: 384.39 MOLFM: C21-H13-O4-S Na
SYN: 6-HYDROXYMETHYLBENZO(a)PYRENE SULFATE ESTER (SODIUM SALT)
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:56 mg/kg/40W-I — CBINA8 22,53,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ6475000 BENZO(a)PYRENE, 3-METHOXY-
UPDT:8401 CAS: 63059-68-7 MW: 282.35 MOLFM: C21-H14-O
SYN: 8-METHOXY-3,4-BENZPYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:16 mg/kg/13W-I — BJCAAI 6,400,52
3V03P61V10 scu-mus TDLo:20 mg/kg — BJCAAI 6,400,52
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ6900000 BENZO(a)PYRENE, 6-METHOXY-
UPDT:8401 CAS: 52351-98-9 MW: 282.35 MOLFM: C21-H14-O
SYN: 6-METHOXYBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mma-sat 18 nmol/plate — BBRCA9 85,351,78
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:180 mg/kg/40W-I — CBINA8 22,53,78
2V03V10 unk-mus TDLo:80 mg/kg/8D-I — BEBMAE 88(11),592,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ6950000 BENZO(a)PYRENE, 1-METHYL-
UPDT:8401 CAS: 40568-90-9 MW: 266.35 MOLFM: C21-H14
SYN: 1-METHYLBENZO(a)PYRENE * 1-METHYL-BP
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:2130 ug/kg — CNREA8 40,1073,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7000000 BENZO(a)PYRENE, 2-METHYL-
UPDT:8401 CAS: 16757-82-7 MW: 266.35 MOLFM: C21-H14
SYN: 2-METHYLBENZO(a)PYRENE * 9-METHYL-3,4-BENZPYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/13W-I — IJCNAW 3,238,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7175000 BENZO(a)PYRENE, 3-METHYL-
UPDT:8401 CAS: 16757-81-6 MW: 266.35 MOLFM: C21-H14
SYN: 8-METHYL-3,4-BENZPYRENE * 3-METHYLBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
sln-dmg-par 5 mmol/L — CNREA8 33,302,73
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:40 mg/kg — BJCAAI 6,400,52
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7350000 BENZO(a)PYRENE, 4-METHYL-
UPDT:8401 CAS: 16757-83-8 MW: 266.35 MOLFM: C21-H14
SYN: 4-METHYLBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/13W-I — IJCNAW 3,238,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7380000 BENZO(a)PYRENE, 5-METHYL-
UPDT:8401 MW: 266.35 MOLFM: C21-H14
SYN: 5-METHYLBENZO(a)PYRENE * 5-METHYL BP
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:2130 ug/kg — CNREA8 40,1073,80

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7390000 BENZO(a)PYRENE, 6-METHYL-
UPDT:8405 CAS: 2381-39-7 MW: 266.35 MOLFM: C21-H14
SYN: 6-METHYLBENZO(a)PYRENE * 5-METHYL-3,4-BENZOPYRENE * 5-METHYL-3,4-BENZPYRENE
MUTATION DATA AND REFERENCES:

mma-sat	940 pmol/plate	BBRCA9 85,351,78
dnd-mus-skn	8 umol/kg	CBINA8 47,111,83
mma-ham:lng	3800 nmol/L	PNASA6 73,607,76
dnd-mam:lym	30 umol/L	CBINA8 47,87,83

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-rat TDLo:479 ug/kg/60D-I	CBINA8 29,159,80
2V01R60	skn-mus TDLo:43 mg/kg/20W-I	CBINA8 22,53,78
2V02V10	scu-mus TDLo:40 mg/kg	BJCAAI 26,506,72
2V03V10	unk-mus TDLo:80 mg/kg/8D-I	BEBMAE 88(11),592,79
2V02R60	skn-mus TD :4260 ug/kg	CCSUDL 3,371,78
2V03V10	scu-mus TD :80 mg/kg	JNCIAM 1,303,40
3V03R60V10	skn-mus TD :32 mg/kg/20W-I	BEXBAN 87,474,79
2V03R60	skn-mus TD :32 mg/kg/20W-I	BEXBAN 87,474,79
2V03R60	skn-mus TD :170 mg/kg/20W-I	PAACA3 18,59,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7440000 BENZO(a)PYRENE, 7-METHYL-
UPDT:8401 CAS: 63041-77-0 MW: 266.35 MOLFM: C21-H14
SYN: 4-METHYLBENZO(a)PYRENE * 7-METHYLBENZO(a)PYRENE * 4'-METHYL-3,4-BENZPYRENE
MUTATION DATA AND REFERENCES:

msc-ham:lng	500 nmol/L	CRNGDP 4,321,83

TUMORIGENIC DATA AND REFERENCES:

2V02V10	ims-rat TDLo:4 mg/kg	NATUAS 273,566,78
2V02J60	ivn-mus TDLo:10 mg/kg	JNCIAM 1,225,40
2V03V10	imp-mus TDLo:400 mg/kg	AJCAA7 36,211,39

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7500000 BENZO(a)PYRENE, 10-METHYL-
UPDT:8401 CAS: 63104-32-5 MW: 266.35 MOLFM: C21-H14
SYN: 10-METHYLBENZO(a)PYRENE * 10-MONOMETHYLBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:

mma-sat	2900 pmol/plate	BBRCA9 85,351,78

TUMORIGENIC DATA AND REFERENCES:

2V02V10	ims-rat TDLo:10 mg/kg	NATUAS 273,566,78
2V03R60	skn-mus TDLo:2000 ug/kg/20D-I	CALEDQ 5,179,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7525000 BENZO(a)PYRENE, 11-METHYL-
UPDT:8401 CAS: 16757-80-5 MW: 266.35 MOLFM: C21-H14
SYN: 11-METHYLBENZO(a)PYRENE * 6-METHYL-3,4-BENZPYRENE
MUTATION DATA AND REFERENCES:

msc-ham:lng	500 nmol/L	CRNGDP 4,321,83

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:72 mg/kg/13W-I	IJCNAW 3,238,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7700000 BENZO(a)PYRENE, 12-METHYL-
UPDT:8401 CAS: 4514-19-6 MW: 266.35 MOLFM: C21-H14
SYN: 12-METHYLBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:72 mg/kg/13W-I	IJCNAW 3,238,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7875000 BENZO(a)PYRENE, MONOPICRATE
UPDT:8401 CAS: 5929-01-1 MW: 481.44 MOLFM: C20-H12 C6-H3-N3-O7
SYN: 1,2-BENZPYRENE PICRATE
TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	skn-mus TDLo:1200 mg/kg/50W-I	PRLBA4 117,318,35

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7878000 BENZO(a)PYRENE, 1-NITRO-
UPDT:8411 CAS: 70021-99-7 MW: 297.32 MOLFM: C20-H11-N-O2
MUTATION DATA AND REFERENCES:

mmo-sat	1 ug/plate	ENMUDM 6,417,84
mma-sat	3 ug/plate	ENMUDM 6,417,84

DJ7880000 BENZO(a)PYRENE, 3-NITRO-
UPDT:8411 MW: 297.32 MOLFM: C20-H11-N-O2
SYN: 3-NITROBENZ(a)PYRENE
MUTATION DATA AND REFERENCES:

mmo-sat	1 ug/plate	ENMUDM 6,417,84
mma-sat	3 ug/plate	ENMUDM 6,417,84

DJ7885000 BENZO(a)PYRENE, 6-NITRO-
UPDT:8411 CAS: 63041-90-7 MW: 297.32 MOLFM: C20-H11-N-O2
SYN: 6-NITROBENZ(a)PYRENE
MUTATION DATA AND REFERENCES:

mmo-sat	1 nmol/plate	SCIEAS 202,515,78
mma-sat	3 ug/plate	ENMUDM 6,417,84
otr-hmn:fbr	4 umol/L	CRNGDP 4,353,83
dnd-rat-ipr	1400 ug/kg	CRNGDP 3,1423,82
oms-rat-ipr	1400 ug/kg	CRNGDP 3,1423,82
dnd-rat-orl	4200 ug/kg	CRNGDP 3,1423,82
otr-ham:emb	6600 nmol/L	CRNGDP 4,357,83
dnd-mam:lym	35 nmol	GANNA2 74,5,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DJ7900000 BENZO(a)PYRENE 4,5-OXIDE
UPDT:8401 CAS: 37574-47-3 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(a)PYRENE 4,5-EPOXIDE * BENZO(1,2)PYRENO(4,5-b)OXIRENE, 3b,4a-DIHYDRO- * BENZ(a)PYRENE 4,5-OXIDE * BP 4,5-EPOXIDE * BP 4,5-OXIDE
MUTATION DATA AND REFERENCES:

mmo-sat	1 ug/plate	JJIND8 62,893,79
mma-sat	5 ug/plate	PNASA6 72,5135,75
dnr-esc	100 umol/L	ZKKOBW 92,157,78
dns-esc	100 umol/L	ZKKOBW 92,157,78
pic-esc	1 ug/plate	CSHCAL 4,1451,77
dni-omi	200 ug/L	PNASA6 74,1378,77
dni-omi	1 mg/L	PNASA6 74,1378,77
mrc-smc	5 pph	JJIND8 62,901,79
dnd-sal:spr	100 mg/L	NATUAS 252,326,74
dnd-sal:spr	3 mg	CNREA8 35,54,75
dnd-hmn:fbr	20 umol/L	BBACAQ 609,272,80
dnr-hmn:fbr	300 umol/L	MUREAV 43,117,77
dns-hmn:hla	10 umol/L	CNREA8 38,2621,78
sce-hmn:fbr	5 umol/L	BBACAQ 609,272,80
msc-hmn:fbr	150 umol/L	MUREAV 43,117,77
dns-mus:fbr	1 mg/L	COINAV 256,389,77
otr-ham:emb	300 ug/L	IJCNAW 19,814,77
cyt-ham:lng	1 mg/L	IJCNAW 24,485,79
sce-ham:lng	1250 ug/L	IJCNAW 24,485,79
msc-ham:lng	5 mg/L	CNREA8 36,3350,76
dnd-mam:lym	800 nmol	CRNGDP 3,267,82

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:40 mg/kg/60D-I	IJCNAW 18,351,76
2V02R60	skn-mus TDLo:2144 ug/kg	CCSUDL 3,371,78
2V03R60	skn-mus TD :2160 ug/kg	CNREA8 37,4130,77
3V03R60V10	skn-mus TD :32 mg/kg/60W-I	PNASA6 73,243,76
2V03R60	skn-mus TD :2160 ug/kg	CALEDQ 2,115,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(e)PYRENE 4,5-OXIDE see: DJ5051500

DJ7920000 BENZO(a)PYRENE 7,8-OXIDE
UPDT:8401 CAS: 36504-65-1 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(a)PYRENE, 7,8-DIHYDRO-7,8-EPOXY- * BENZO(10,11)CHRYSENO(1,2-b)OXIRENE, 6-beta,7-alpha-DIHYDRO- * BENZO(a)PYRENE 7,8-EPOXIDE * BP 7,8-EPOXIDE * BP 7,8-OXIDE * 6-beta,7-alpha-DIHYDROBENZO(10,11)CHRYSENO(1,2 b)OXIRENE * 7,8-EPOXY-7,8-DIHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:

mmo-sat	250 ng/plate	CNREA8 36,3350,76
mma-sat	25 umol/L	JBCHA3 251,4882,76

TUMORIGENIC DATA AND REFERENCES:

3V01R60V10	skn-mus TDLo:32 mg/kg/60W-I	PNASA6 73,243,76
2V03V10	scu-mus TDLo:10 mg/kg	JJIND8 64,617,80
2V03R60	skn-mus TD :2160 ug/kg	CNREA8 37,4130,77
2V02R60	skn-mus TD :2144 ug/kg	CCSUDL 3,371,78
2V03R60	skn-mus TD :2160 ug/kg	CALEDQ 2,115,76
3V03J60R60	skn-mus TD :68 mg/kg/42W-I	PNASA6 73,3867,76
3V02R60V10	skn-mus TD :99 mg/kg/45W-I	PNASA6 73,243,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7929000 BENZO(a)PYRENE-9,10-OXIDE
UPDT:8401 CAS: 36504-66-2 MW: 268.32 MOLFM: C20-H12-O
SYN: BP 9,10-OXIDE
MUTATION DATA AND REFERENCES:

mmo-sat	250 ng/plate	CNREA8 36,3350,76

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:2140 ug/kg	CCSUDL 3,371,78
2V03R60	skn-mus TD :2160 ug/kg	CNREA8 37,4130,77

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7940000 BENZO(a)PYRENE-11,12-OXIDE
UPDT:8401 CAS: 60448-19-3 MW: 268.32 MOLFM: C20-H12-O
SYN: BP 11,12-OXIDE
MUTATION DATA AND REFERENCES:

mmo-sat	1 ug/plate	CNREA8 36,3350,76
msc-ham:lng	5 mg/L	CNREA8 36,2350,76

TUMORIGENIC DATA AND REFERENCES:

2V02R60	skn-mus TDLo:2140 ug/kg	CCSUDL 3,371,78
2V03R60	skn-mus TD :2160 ug/kg	CNREA8 37,4130,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7945000 BENZO(a)PYRENE, 6-OXIRANYL-
UPDT:8401 CAS: 61695-69-0 MW: 294.36 MOLFM: C22-H14-O
SYN: 6-OXIRANYLBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:12 mg/kg/40D-I	CALEDQ 1,339,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(a)PYRENE-1,6-QUINONE see: DJ6315000
BENZO(a)PYRENE-3,6-QUINONE see: DJ6315400
6,12-BENZOPYRENE QUINONE see: DJ6316000
BENZO(a)PYRENE 6,12-QUINONE see: DJ6316000

DJ7950000 BENZO(a)PYRENE, 6-STYRYL-
UPDT:8401 CAS: 63019-73-8 MW: 354.46 MOLFM: C28-H18
SYN: 5-STYRYL-3,4-BENZOPYRENE
TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:200 mg/kg	COREAF 245,876,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7954000 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-
UPDT:8303 CAS: 17750-93-5 MW: 256.36 MOLFM: C20-H16
SYN: 7,8,9,10-TETRAHYDROBENZO(a)PYRENE * 1',2',3',4'-TETRAHYDRO-3,4-BENZOPYRENE
TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:72 mg/kg/9W-I	COREAF 251,1322,60

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7955200 BENZO(e)PYRENE, 9,10,11,12-TETRAHYDRO-9,10-DIHYDROXY-, (E)-
UPDT:8401 MW: 288.36 MOLFM: C20-H16-O2
SYN: BENZO(e)PYRENE, 9,10-DIHYDROXY-9,10,11,12-TETRAHYDRO-, (E)- * B(e)P H4-9,10-DIOL * trans-9,10-DIHYDROXY-9,10,11,12-TETRAHYDROBENZO(e)PYRENE
MUTATION DATA AND REFERENCES:

mma-sat	10 nmol/plate	JBCHA3 254,4408,79

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	skn-mus TDLo:69 mg/kg	CNREA8 40,203,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7955400 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7,8-DIHYDROXY-9,10-EPOXY-, (+-)-(E)-
UPDT:8401 MW: 302.34 MOLFM: C20-H14-O3
SYN: BP 7,8-DIOL 9,10-EPOXIDE 2 * (+-)-(E)-7,8-DIHYDROXY-9,10-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:2400 ug/kg	CNREA8 39,67,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

DJ7955450 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-trans-7,8-DIHYDROXY-9,10-EPOXY-, anti-
UPDT:8303 MW: 302.34 MOLFM: C20-H14-O3
SYN: trans-7,8-DIHYDROXY-9,10-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE, anti-
MUTATION DATA AND REFERENCES:
mmo-sat 33100 pmol/L RRBCAD 18,291,81

DJ7955600 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-trans-7,8-DIHYDROXY-9,10-EPOXY-, syn-
UPDT:8303 MW: 302.34 MOLFM: C20-H14-O3
SYN: trans-7,8-DIHYDROXY-9,10-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE, syn-
MUTATION DATA AND REFERENCES:
mmo-sat 16500 pmol/L RRBCAD 18,291,81

DJ7955700 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-trans-7,8-DIHYDROXY-trans-9,10-EPOXY-, (+-)-
UPDT:8406 MW: 302.34 MOLFM: C20-H14-O3
SYN: anti-BENZO(a)PYRENE-DIOLEPOXIDE * anti-BP-DIOLEPOXIDE * (+-)-trans-7,8-DIHYDROXY-trans-9,10-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
dni-omi 200 ug/L PNASA6 74,1378,77
dni-omi 100 ug/L PNASA6 74,1378,77
msc-ham:ovr 100 nmol/L MUREAV 112,329,83

DJ7955800 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-trans-9,10-DIHYDROXY-9,10-EPOXY-, anti-
UPDT:8303 MW: 302.34 MOLFM: C20-H14-O3
SYN: trans-9,10-DIHYDROXY-7,8-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE, anti-
MUTATION DATA AND REFERENCES:
mmo-sat 8200 pmol/L RRBCAD 18,291,81
BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-alpha,8-beta-DIHYDROXY-9-alpha,10-alpha-EPOXY-, (+-)- see: DJ7957100
BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-alpha,8-beta-DIHYDROXY-9-beta,10-beta-EPOXY-, (+-)- see: DJ6310800
BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-alpha,8-beta-DIHYDROXY-9-alpha-10-alpha-EPOXY-, (-)-Z- see: DJ5055900
BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-alpha,8-beta-DIHYDROXY-9-alpha-10-alpha-EPOXY-, (+)-Z- see: DJ5055800

DJ7956300 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-alpha,8-beta-DIHYDROXY-9-beta,10-beta-EPOXY- (-)
UPDT:8401 MW: 300.32 MOLFM: C20-H12-O3
SYN: BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-, (-)- * (-)-BP 7-alpha,8-beta-DIOL-9-beta,10-beta-EPOXIDE 2 * (-)-7-alpha,8-beta-DIHYDROXY-9-beta,10-beta-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE * anti-DIOLEPOXIDE
MUTATION DATA AND REFERENCES:
mmo-sat 100 pmol/plate BBRCA9 77,1389,77
cyt-ham:lng 300 ug/L IJCNAW 24,485,79
sce-ham:lng 600 ug/L IJCNAW 24,485,79
msc-ham:lng 10 umol CRNGDP 3,1223,82
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2400 ug/kg CNREA8 39,67,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-alpha,8-beta-DIHYDROXY-9-beta,10-beta-EPOXY-, (+)-E- see: DJ7956530

DJ7956400 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-
UPDT:8408 MW: 302.34 MOLFM: C20-H14-O3
SYN: 7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE * r-7,t-8-DIHYDROXY-t-9,10-OXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
dnd-omi 1 mg/L MUREAV 50,383,78
dnr-hmn:fbr 1 mg/L MUREAV 50,383,78
otr-hmn:fbr 330 nmol/L PNASA6 80,7219,83
dnd-hmn:fbr 200 nmol/L PNASA6 77,5933,80
dns-hmn:fbr 1 mg/L MUREAV 50,383,78
msc-hmn:fbr 200 nmol/L PNASA6 77,5933,80
dnd-mus:emb 700 ug/L CRNGDP 3,341,82
dns-mus:emb 700 ug/L CRNGDP 3,341,82
otr-ham:emb 30 ug/L IJCNAW 19,814,77
dni-mky:kdy 1700 nmol/L NTIS** DE82-018718
dnd-mam:lym 1790 umol/L BBRCA9 82,929,78
BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-, (-)- see: DJ7956300

DJ7956500 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-, (+-)-
UPDT:8407 MW: 302.34 MOLFM: C20-H14-O3
SYN: BisP EPOXIDE II * (+-)-7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE * (+-)-7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE, anti-
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate CNREA8 38,3247,78
mma-sat 300 pmol/plate CNREA8 36,3358,76
mmo-esc 10 nmol/L CNREA8 40,3508,80
mmo-ami 1200 nmol/L CNREA8 42,3480,82
dnd-omi 23 umol/L CNREA8 38,3247,78
dns-omi 100 ug/L CRNGDP 2,417,81
dni-omi 100 umol/L CRNGDP 4,125,83
dnr-hmn:fbr 1 umol/L CBINA8 20,279,78
dnd-hmn:fbr 1500 nmol/L/15M-C CBINA8 38,261,82
dnd-hmn:lng 2700 nmol/L CNREA8 38,2118,78
dnd-hmn:lym 5 umol/L PAACA3 24,70,83
dns-hmn:oth 10 umol/L JJINDB 69,557,82
dni-hmn:lng 2700 nmol/L CNREA8 38,2118,78
msc-hmn:fbr 50 nmol/L MUREAV 94,435,82
dnd-rat:lvr 20 umol/L CRNGDP 3,861,82
dnd-rat:lvr 50 ug/L CRNGDP 4,189,83
otr-mus:fbr 1200 ug/L CRNGDP 1,215,80
dnd-mus:emb 1800 ug/L SCIEAS 209,297,80
dnd-mus:fbr 300 ug/L CNREA8 39,1673,79
msc-mus:fbr 1200 ug/L CRNGDP 1,215,80
cyt-ham:lng 100 ug/L IJCNAW 24,485,79
sce-ham:lng 100 ug/L IJCNAW 24,485,79
msc-ham:lng 60 nmol/plate CNREA8 36,3358,76
dnd-mky:kdy 660 nmol/L CRNGDP 3,473,82
dns-mky:kdy 166 nmol/L CRNGDP 3,473,82
dni-mky:kdy 166 nmol/L CRNGDP 3,473,82
dnd-mam:lym 100 umol/L BICHAW 17,5256,78
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4830 ug/kg CCSUDL 3,371,78
2V03V10 scu-mus TDLo:11 mg/kg JJIND8 64,617,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ7956530 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-, (+)-E-
UPDT:8401 MW: 302.34 MOLFM: C20-H14-O3
SYN: BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-alpha,8-beta-DIHYDROXY-9-beta,10-beta-EPOXY- (+)-E- * (+)-BP-7-beta,8-alpha-DIOL-9-alpha,10-alpha-EPOXIDE 2 * (+)-trans-7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 100 pmol/plate 1BRCA9 77,1389,77
msc-ham:lng 300 nmol/L BBRCA9 77,1389,77
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:1200 ug/kg CNREA8 39,67,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-beta,8-alpha-DIHYDROXY-9-beta,10-beta-EPOXY-, (+)-cis- see: DJ5055800

DJ7957100 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-beta,8-alpha-DIHYDROXY-9-beta,10-beta-EPOXY-, (+-)-(Z)-
UPDT:8401 MW: 302.34 MOLFM: C20-H14-O3
SYN: BENZO(10,11)CHRYSENO(3,4-b)OXIRENE-7,8-DIOL, 7,8,8a,9a-TETRAHYDRO-, (+-)-(9CI) * BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-alpha,8-beta-DIHYDROXY-9-alpha,10-alpha-EPOXY- (+-)- * BPDE-syn * BisP EPOXIDE I * (+-)-7-alpha,8-beta-DIHYDROXY-9-alpha-10-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE * (+-)-7-beta,8-alpha-DIHYDROXY-9-beta,10-beta-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 300 pmol/plate CNREA8 36,3358,76
mma-sat 300 pmol/plate CNREA8 36,3358,76
dnd-ami 30 mg/L CBINA8 19,215,77
dnd-omi 30 mg/L CBINA8 19,215,77
dni-omi 200 ug/L PNASA6 74,1378,77
dnr-hmn:fbr 1 umol/L CBINA8 20,279,78
dnd-hmn:lng 3300 nmol/L CNREA8 38,2118,78
dni-hmn:lng 3300 nmol/L CNREA8 38,2118,78
dnd-mus-skn 20 umol/kg CRNGDP 3,1135,82
oms-mus-skn 20 umol/kg CRNGDP 3,1135,82
dnd-mus:fbr 1200 ug/L CNREA8 39,1673,79
cyt-ham:lng 100 ug/L IJCNAW 24,485,79
sce-ham:lng 100 ug/L IJCNAW 24,485,79
msc-ham:lng 60 nmol/L CNREA8 36,3358,76
dnd-mam:lym 600 nmol CRNGDP 3,267,82
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2420 ug/kg CCSUDL 3,371,78
2V03R60 skn-mus TD :89 mg/kg/37W-I CNREA8 37,3356,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 39,257,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-beta,8-alpha-DIHDROXY-9-beta,10-beta-EPOXY-, (-)-Z- see: DJ5055900
BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7,8-DIHYDROXY-9,10-EPOXY-, (E)- see: DJ7960000

DJ7960000 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7,8-DIHYDROXY-9,10-EPOXY-, anti-
UPDT:8407 CAS: 58917-67-2
SYN: BENZO(a)PYRENE DIOL EPOXIDE anti * anti(-)BENZO(a)PYRENE DIOL-EPOXIDE * anti-BPDE * BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7,8-DIHYDROXY-9,10-EPOXY-, (E)- * anti,r-7,t-8-DIHYDROXY-t-9,10-OXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE * BPDE * BP DIOL EPOXIDE ANTI * trans-7,8-DIHYDROXY-9,10-OXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 200 pmol/plate MUREAV 125,95,84
dnd-sal:oth 1 umol/L CRNGDP 3,1031,82
dnd-hmn:lym 1 mmol/L JACTDZ 1(3),125,82
msc-hmn:fbr 200 nmol/L MUREAV 125,95,84
dnd-mus-skn 8 umol/kg CNREA8 44,1081,84
dnd-mus:oth 1 umol/L CRNGDP 3,345,82
otr-ham:emb 300 ug/L IJCNAW 19,814,77
msc-ham:lng 25 ug/L NATUAS 261,52,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DJ7960100 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-9-alpha,10-beta-DIHYDROXY-7-alpha,8-alpha-EPOXY-, (+-)-
UPDT:8407 MW: 302.34 MOLFM: C20-H14-O3
SYN: reverse-BPDE * (+-)-9-alpha,10-beta-DIHYDROXY-7-alpha,8-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
dnd-sal:oth 1 umol/L CRNGDP 3,1031,82
dnd-mam:lym 90900 nmol/L CRNGDP 3,287,82
BENZG(c)PYRENE, 7,8,9,10-TETRAHYDRO-9,10-EPOXY- see: DJ6380000
BENZO(e)PYRENE, 9,10,11,12-TETRAHYDRO-9,10-EPOXY- see: DJ6380050
BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-9-beta,10-beta-EPOXY-7-alpha,8-beta-DIHYDROXY-, (+-)- see: DJ6310800
BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-beta,8-alpha,9-alpha,10-alpha-TETRAHYDROXY- see: DJ8000000

DJ7995000 BENZO(a)PYRENE, 7,8,9,10-TETRAHYDRO-7-beta,8-alpha,9-beta,10-beta-TETRAHYDROXY-
UPDT:8401 MW: 320.36 MOLFM: C20-H16-O4
SYN: BENZO(a)PYRENE 7-beta,8-alpha,9-beta,10-beta-TETRAOL * 7-beta,8-alpha,9-beta,10-beta-TETRAHYDROXY 7,8,9,10-TETRAHYDROBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:5130 ug/kg CCSUDL 3,371,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ8000000 BENZO(a)PYRENE, 7-beta,8-alpha,9-alpha,10-alpha-TETRAHYDROXY-7,8,9,10-TETRAHYDRO-
UPDT:8401 CAS: 61490-68-4 MW: 320.36 MOLFM: C20-H16-O4
SYN: BENZO(a)PYRENE 7,8,9,10-TETRAHYDRO-7-beta,8-alpha,9-alpha,10-alpha-TETRAHYDROXY- * BENZO(a)PYRENE-7-beta,8-alpha,9-alpha,10-alpha-TETRAOL * 7-beta,8-alpha,9-beta,10-beta-TETRAHYDROXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:5126 ug/kg CCSUDL 3,371,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(a)PYRENE-7-beta,8-alpha,9-alpha,10-alpha-TETRAOL see: DJ8000000
BENZO(a)PYRENE-7-beta,8-alpha,9-beta,10-beta-TETRAOL see: DJ7995000

DJ8020000 BENZO(e)PYRENE-9,10,11,12-TETROL, 9,10,11,12-TETRAHYDRO-, (Z) and (E) mixture
UPDT:8305 MW: 320.36 MOLFM: C20-H16-O4
SYN: 9,10,11,12-TETRAHYDROXYTETRAHYDROBENZO(e)PYRENE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 2300 nmol/L CRNGDP 3,969,82

DJ8050000 BENZO(a)PYRENE, 1,3,6-TRIMETHYL-
UPDT:8401 CAS: 16757-92-9 MW: 294.41 MOLFM: C23-H18

BEST COPY AVAILABLE

SYN: 1,3,6-TRIMETHYLBENZO(a)PYRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/13W-I IJCNAW 3,238,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ8200000 BENZO(a)PYREN-2-OL
UPDT:8401 CAS: 56892-30-9 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(a)PYRENE, 2-HYDROXY- * 2-HYDROXYBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 8500 pmol/L RRBCAD 18,291,81
mma-sat 2 nmol/plate CNREA8 39,2660,79
dnd-hmn:fbr 30 umol/L CBINA8 41,155,82
mma-ham:lng 25 nmol/plate CNREA8 39,2660,79
msc-ham:lng 10 mg/L CNREA8 36,3350,76

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:69 mg/kg/32W-I CNREA8 37,2608,77
2V03V10 scu-mus TDLo:10 mg/kg JJINDE 64,617,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ8225000 BENZO(a)PYREN-3-OL
UPDT:8401 CAS: 13345-21-6 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(a)PYRENE, 3-HYDROXY- * BP-3-HYDROXY * 3-HYDROXYBENZO(a)PYRENE * 6-HYDROXY-3,4-BENZPYRENE

MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate JJINDB 62,893,79
mma-sat 1 ug/plate PNASA6 72,5135,75
dnr-esc 250 mg/L JJINDB 62,873,79
dnd-hmn:fbr 30 umol/L CBINA8 41,155,82
dnd-rat:fvr 10 umol/L CBINA8 20,311,78
cyt-mus:leu 20 mg/L/48H-C IJCNAW 9,435,72
otr-ham:emb 30 ug/L/7D-C IJCNAW 9,435,72
cyt-ham:emb 10 mg/L/48H-C IJCNAW 9,435,72
msc-ham:lng 12 umol/L PNASA6 73,607,76

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:117 ug/kg CNREA8 38,678,78
3V03P61P62 scu-mus TDLo:160 mg/kg/21W-I BJCAAI 6,400,52
2V03R60 skn-mus TD :4300 ug/kg CALEDQ 3,23,77
3V03P61V10 skn-mus TD :2760 mg/kg/69W-I BJCAAI 6,400,52
2V02R60 skn-mus TD :4280 ug/kg CCSUDL 3,371,78

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(a)PYREN-4-OL see: DJ6392450

DJ8240000 BENZO(a)PYREN-5-OL
UPDT:8401 CAS: 24027-84-7 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(a)PYRENE, 5-HYDROXY- * 5-HYDROXYBENZO(a)PYRENE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:4280 ug/kg CCSUDL 3,371,78
2V03R60 skn-mus TD :4290 ug/kg CNREA8 38,678,78

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ8260000 BENZO(a)PYREN-6-OL
UPDT:8401 CAS: 33953-73-0 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(a)PYRENE, 6-HYDROXY- * 6-HYDROXYBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 9600 ug/L MUREAV 36,379,76
mma-sat 25 umol/L JBCHA3 251,4882,76
mma-ham:lng 3700 nmol/L PNASA6 73,607,76
msc-ham:lng 5 mg/L CNREA8 36,3350,76

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4280 ug/kg CCSUDL 3,371,78
3V02P61V10 scu-mus TDLo:12 mg/kg GANNA2 62,419,71
2V03V10 idr-mus TDLo:2400 ug/kg GANNA2 62,419,71
2V02R60 skn-mus TD :4290 ug/kg CNREA8 38,678,78

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ8270000 BENZO(a)PYREN-7-OL
UPDT:8401 CAS: 37994-82-4 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(a)PYRENE, 7-HYDROXY- * 7-HYDROXYBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 16 ug/plate MUREAV 36,379,76
dni-omi 200 ug/L PNASA6 74,1378,77
dnd-hmn:fbr 30 umol/L CBINA8 41,155,82
msc-ham:lng 12 umol/L PNASA6 73,607,76

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4280 ug/kg CCSUDL 3,371,78
2V03R60 skn-mus TD :4290 ug/kg CNREA8 38,678,78

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BENZO(a)PYREN-8-OL see: DJ6392800

DJ8280000 BENZO(a)PYREN-9-OL
UPDT:8401 CAS: 17573-21-6 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(a)PYRENE, 9-HYDROXY- * 9-HYDROXYBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 16 ug/plate MUREAV 36,379,76
mma-sat 25 umol/L JBCHA3 2[illegible]4882,76
dnd-hmn:fbr 30 umol/L CBINA8 41,155,82
dnd-rat:fvr 30 umol/L CBINA8 20,311,78
msc-ham:lng 37 umol/L PNASA6 73,607,76
dnd-mam:lym 447 nmol CRNGDP 3,267,82

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4280 ug/kg CCSUDL 3,371,78
2V02R60 skn-mus TD :4290 ug/kg CNREA8 38,678,78

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ8285000 BENZO(a)PYREN-10-OL
UPDT:8401 CAS: 56892-31-0 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(a)PYRENE, 10-HYDROXY- * 10-HYDROXYBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 18600 pmol/L RRBCAD 18,291,81

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:4280 ug/kg CCSUDL 3,371,78
2V03R60 skn-mus TD :4290 ug/kg CNREA8 38,678,78

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ8290000 BENZO(a)PYREN-11-OL
UPDT:8401 CAS: 56892-32-1 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(a)PYRENE, 11-HYDROXY- * 11-HYDROXYBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
dnd-hmn:fbr 30 umol/L CBINA8 41,155,82

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:82 mg/kg/38W-I CNREA8 37,2608,77

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ8295000 BENZO(a)PYREN-12-OL
UPDT:8401 CAS: 56892-33-2 MW: 268.32 MOLFM: C20-H12-O
SYN: BENZO(a)PYRENE, 12-HYDROXY- * 12-HYDROXYBENZO(a)PYRENE

MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate CNREA8 36,3350,76
mma-sat 25 umol/L JBCHA3 251,4882,76
msc-ham:lng 15 mg/L CNREA8 36,3350,76

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4280 ug/kg CCSUDL 3,371,78
2V02R60 skn-mus TD :4290 ug/kg CNREA8 38,678,78

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABSYB2 10,261,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ8298000 BENZO(a)PYREN-3-OL, 6-NITRO-, and 6-NITROBENZO(a)PYREN-1-OL (4:1)
UPDT:8305 MW: 313.32 MOLFM: C20-H11-N-O3
SYN: 3- and 1-HYDROXY-6-NITROBENZO(a)PYRENE (4:1)

MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate BBRCA9 105,1037,82
mma-sat 5 nmol/plate BBRCA9 105,1037,82

BENZO(1,2)PYRENO(4,5-b)OXIRENE, 3b,4a-DIHYDRO- see: DJ7900000
N-(BENZO(a)PYREN-4-YL)DIACETAMIDE see: HI3995000
N-(BENZO(a)PYREN-12-YL)DIACETAMIDE see: HI3995010
BENZO(b)PYRIDINE see: VA9275000
BENZO(c)PYRIDINE see: NW6825000
1,2-BENZOPYRIDO(3',2':5,6)CARBAZOLE see: DJ9450000
3,4-BENZOPYRIDO(3',2':5,6)CARBAZOLE see: DJ9700000
5,6-BENZOPYRIDO(2',3':1,2)CARBAZOLE see: DK0350000
5,6-BENZOPYRIDO(3',2':1,2)CARBAZOLE see: DK0525000
5,6-BENZOPYRIDO(3',2':3,4)CARBAZOLE see: DJ9625000

DJ9450000 7H-BENZO(a)PYRIDO(3,2-g)CARBAZOLE
UPDT:8401 CAS: 207-89-6 MW: 268.33 MOLFM: C19-H12-N2
SYN: 1,2-BENZOPYRIDO(3',2':5,6)CARBAZOLE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I NATUAS 191,1005,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ9625000 7H-BENZO(c)PYRIDO(2,3-g)CARBAZOLE
UPDT:8401 CAS: 194-62-7 MW: 268.33 MOLFM: C19-H12-N2
SYN: 5,6-BENZOPYRIDO(3',2':3,4)CARBAZOLE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 257,818,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DJ9700000 7H-BENZO(c)PYRIDO(3,2-g)CARBAZOLE
UPDT:8401 CAS: 194-60-5 MW: 268.33 MOLFM: C19-H12-N2
SYN: 3,4-BENZOPYRIDO(3',2':5,6)CARBAZOLE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I NATUAS 191,1005,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
7,8-BENZOPYRIDO(2',3':1,2)CARBAZOLE see: DK0175000

DK0175000 13H-BENZO(a)PYRIDO(3,2-i)CARBAZOLE
UPDT:8401 CAS: 239-67-8 MW: 268.33 MOLFM: C19-H12-N2
SYN: 7,8-BENZOPYRIDO(2',3':1,2)CARBAZOLE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 257,818,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK0350000 13H-(BENZO(g)PYRIDO(2,3-a))CARBAZOLE
UPDT:8401 CAS: 207-83-5 MW: 268.33 MOLFM: C19-H12-N2
SYN: 5,6-BENZOPYRIDO(2',3':1,2)CARBAZOLE

TUMORIGENIC DATA AND REFERENCES:
3V03K60R60 orl-mus TDLo:2880 mg/kg/24W-I COREAF 257,818,63
2V03V10 scu-mus TDLo:72 mg/kg/9W-I NATUAS 191,1005,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK0525000 13H-BENZO(g)PYRIDO(3,2-a)CARBAZOLE
UPDT:8401 CAS: 207-85-7 MW: 268.33 MOLFM: C19-H12-N2
SYN: 5,6-BENZOPYRIDO(3',2':1,2)CARBAZOLE

TUMORIGENIC DATA AND REFERENCES:
3V03K60R60 orl-mus TDLo:3720 mg/kg/31W-I COREAF 257,818,63
2V03V10 scu-mus TDLo:72 mg/kg/9W-I NATUAS 191,1005,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK0700000 11H-BENZO(g)PYRIDO(4,3-b)INDOLE
UPDT:8401 CAS: 318-03-6 MW: 218.27 MOLFM: C15-H10-N2
SYN: 6,9-BENZO-gamma-CARBOLINE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:72 mg/kg/9W-I CHDDAT 271,1474,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK0710000 BENZO(g)PYRIDO(1,2-a)INDOLE, 5,6,6a,7,7a,8,9,10,11,12a-DECAHYDRO-2-METHOXY-, HYDROCHLORIDE
UPDT:8311 CAS: 13640-47-6 MW: 293.87 MOLFM: C17-H23-N-O-Cl-H

BEST COPY AVAILABLE

SYN: 2-METHOXY-5,6,6a,7,7a,8,9,10,11,12a-DECAHYDROBENZO[g]PYRIDO[1,2-a]INDOLE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F18 ipr-mus LD50:26 mg/kg JPMSAE 56,644,57

BENZO-alpha-PYRONE see: GN4200000
1,2-BENZOPYRONE see: GN4200000
BENZOPYRROLE see: NL2450000
2,3-BENZOPYRROLE see: NL2450000
BENZOQUIN see: SJ7700000
BENZOQUINAMIDE see: DK1575000
1,4-BENZOQUINE see: DK2625000
BENZOQUINOL see: MX3500000
1-BENZOQUINOLINAMINE see: DK1438000
alpha-BENZOQUINOLINE see: DK1432000
2,3-BENZOQUINOLINE see: AR7175000
3,4-BENZOQUINOLINE see: SF7928000
5,6-BENZOQUINOLINE see: DK1428000
7,8-BENZOQUINOLINE see: DK1432000
BENZO(b)QUINOLINE see: AR7175000
BENZO(c)QUINOLINE see: SF7928000

DK1428000 BENZO(f)QUINOLINE
UPDT:8412 CAS: 85-02-9 MW: 179.23 MOLFM: C13-H9-N
SYN: 1-AZAPHENANTHRENE * 5,6-BENZOQUINOLINE * beta-NAPHTHOQUINALDINE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate 50NNAZ 7,73,83

STATUS:
NTP CARCINOGENESIS STUDIES, SELECTED, OCTOBER 1984
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DK1432000 BENZO(h)QUINOLINE
UPDT:8411 CAS: 230-27-3 MW: 179.23 MOLFM: C13-H9-N
SYN: 4-AZAPHENANTHRENE * alpha-BENZOQUINOLINE * 7,8-BENZOQUINOLINE * alpha-NAPHTHOQUINOLINE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate 50NNAZ 7,73,83

DK1438000 BENZO(h)QUINOLINE, 2-AMINO-
UPDT:8401 CAS: 67410-27-4 MW: 194.25 MOLFM: C13-H10-N2
SYN: 2-AMINOBENZO(h)QUINOLINE * 2-BENZO(h)QUINOLINAMINE

MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate ABCHA6 42,861,78

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DK1575000 2H-BENZO(a)QUINOLIZINE-3-CARBOXAMIDE, N,N-DIETHYL-1,3,4,6,7,11b-HEXAHYDRO-2-HYDROXY- 9,10-DIMETHOXY-, ACETATE (ESTER)
UPDT:8403 CAS: 23846-24-8 MW: 404.56 MOLFM: C22-H32-N2-O5
SYN: BENZOCHINAMIDE * BENZOQUINAMINE * 2-ACETOXY-3-DIETHYLCARBAMYL-9,10-DIMETHOXY-1,2,3,4,6,7-HEXAHYDRO-11b-BENZO(a)QUINOLIZINE * BENZOQUINAMIDE * BENZQUINAMIDE * BZQ * P 2647 * QUANTRIL * QUANTRYL

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1050 mg/kg 27ZQAG -,208,72
ivn-rat LD50:100 ug/kg 27ZQAG -,208,72
orl-mus LD50:580 mg/kg 27ZQAG -,208,72
ivn-mus LD50:100 mg/kg 27ZQAG -,208,72
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72

DK1650000 2H-BENZO(a)QUINOLIZINE-3-CARBOXAMIDE, N,N-DIETHYL-1,3,4,6,7,11b-HEXAHYDRO-2-HYDROXY-9,10- DIMETHOXY-, ACETATE (ESTER), HYDROCHLORIDE
UPDT:8403 CAS: 113-69-9 MW: 441.02 MOLFM: C22-H32-N2-O5-Cl-H
SYN: BENZQUINAMIDE HYDROCHLORIDE * EN-ETE-CON * EMETICON * NSC 64375

TOXICITY DATA AND REFERENCES:
orl-rat LD50:990 mg/kg TXAPA9 18,185,71
ipr-mus LD50:376 mg/kg TXAPA9 18,185,71

DK1750000 2H-BENZO(a)QUINOLIZINE, 3-ETHYL-1,3,4,6,7,11b-HEXAHYDRO-9,10-DIMETHOXY-2-((1,2,3,4- TETRAHYDRO-6,7-DIMETHOXY-1-ISOQUINOLYL)METHYL)-
UPDT:8412 CAS: 483-18-1 MW: 480.71 MOLFM: C29-H40-N2-O4
SYN: CEPHAELINE METHYL ETHER * EMETINE * (-)-EMETINE * NSC 33668 * 6,7',10,11-TETRAMETHOXYEMETAN

IRRITATION DATA AND REFERENCES:
skn-rbt 5 mg/24H mls TXCYAC 14,117,79
skn-rbt 1%/24H MOD NTIS** PB-274-082
eye-rbt 2000 ppm SEV AJOPAA 31,837,48

MUTATION DATA AND REFERENCES:
dni-mam-lym 6600 umol/L FOMIAZ 15,76,70

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:40 mg/kg/8W-I TFX-ETA CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:
3F18G04K30 scu-man TDLo:10 mg/kg/10D CCROBU 57,423,73
unk-man LDLo:2941 ug/kg 85DCAI 2,73,70
orl-rat LD50:68 mg/kg ARZNAD 13,474,63
* ipr-rat LD50:12 mg/kg JPETAB 104,421,52
scu-rat LD50:95 mg/kg ARZNAD 13,474,63
ipr-mus LD50:12 mg/kg JPETAB 104,421,52
scu-mus LD10:25 mg/kg EJCAAM 10,667,74
sev-cat LDLo:8 mg/kg HBAMAK 4,1289,35
ivn-cat LDLo:10 mg/kg HBAMAK 4,1289,35
scu-rbt LDLo:30 mg/kg HBAMAK 4,1289,35
ivn-rbt LDLo:2 mg/kg HBAMAK 4,1289,35
scu-gpg LDLo:70 mg/kg HBAMAK 4,1289,35
ivn-gpg LDLo:7 mg/kg HBAMAK 4,1289,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, CRTXB2 2,159,73

STATUS:
NTP CARCINOGENESIS STUDIES, TEST COMPLETED, OCTOBER 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK1800000 2H-BENZO(a)QUINOLIZINE, 3-ETHYL-1,3,4,6,7,11b-HEXAHYDRO-9,10-DIMETHOXY-2-((1,2,3,4- TETRAHYDRO-6,7-DIMETHOXY-1-ISOQUINOLYL)METHYL)-, DIHYDROCHLORIDE, TETRAHYDRATE
UPDT:8403 CAS: 73713-75-4 MW: 625.71 MOLFM: C29-H40-N2-O4-2(Cl-H)-4H2O
SYN: EMETAN, 6,7',10,11-TETRAMETHOXY-, DIHYDROCHLORIDE, TETRAHYDRATE (9CI) * EMETINE DIHYDROCHLORIDE TETRAHYDRATE * NCI-C03605 * 6,7',10,11-TETRAMETHOXYEMETAN DIHYDROCHLORIDE TETRAHYDRATE

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED, RESULTS INDEFINITE, MOUSE-RAT (NCITR* NCI-CG-TR-43,78)

DK2260000 2H-BENZO(a)QUINOLIZIN-2-ONE, 1,3,4,6,7,11b-HEXAHYDRO-9,10-DIMETHOXY-3-METHYL-, O-(2-(DIETHYLAMINO)ETHYL)OXIME
UPDT:8408 CAS: 32616-23-7 MW: 389.60 MOLFM: C22-H35-N3-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg CHTPBA 5,350,70

DK2261000 2H-BENZO(a)QUINOLIZIN-2-ONE, 1,3,4,6,7,11b-HEXAHYDRO-9,10 DIMETHOXY-3-METHYL-, OXIME
UPDT:8408 CAS: 32616-21-5 MW: 290.40 MOLFM: C16-H22-N2-O3
SYN: 9,10-DIMETHOXY-3-METHYL-1,3,4,6,7,11b-HEXAHYDRO-2H-BENZO(a)QUINOLIZIN-2-ONE, OXIME

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg CHTPBA 5,350,70

DK2262000 2H-BENZO(a)QUINOLIZIN-2-ONE, 1,3,4,6,7,11b-HEXAHYDRO-9,10-DIMETHOXY-, O-(2-MORPHOLINOETHYL) OXIME
UPDT:8408 CAS: 32616-20-9 MW: 389.55 MOLFM: C21-H31-N3-O4
SYN: MORPHOLINOETHOXYIMINO-2 DIMETHOXY-9,10 HEXAHYDRO-1,2,3,4,6,7 11b-H BENZO(a)QUINOLIZINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg CHTPBA 5,350,70

DK2263000 2H-BENZO(a)QUINOLIZIN-2-ONE, 1,3,4,6,7,11b-HEXAHYDRO-9,10-DIMETHOXY-, OXIME
UPDT:8408 CAS: 32616-17-4 MW: 276.37 MOLFM: C15-H20-N2-O3
SYN: 9,10-DIMETHOXY-1,3,4,6,7,11b-HEXAHYDRO-2H-BENZO(a)QUINOLIZIN-2-ONE, OXIME

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:220 mg/kg CHTPBA 5,350,70

BENZOQUINONE see: DK2625000

DK2490000 o-BENZOQUINONE
UPDT:8312 CAS: 583-63-1 MW: 108.10 MOLFM: C6-H4-O2
SYN: 1,2-BENZOQUINONE * BENZOQUINONE (DOT) * 3,5-CYCLOHEXADIENE-1,2-DIONE (9CI) * o-QUINONE * UN 2587 (DOT)

MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate BECTA6 24,590,80

STANDARDS & REGULATIONS:
★ DOT-IMO-POISON B, LABEL-POISON CFRGBR 49,172.102,83

DK2625000 p-BENZOQUINONE
UPDT:8406 CAS: 106-51-4 MW: 108.10 MOLFM: C6-H4-O2
SYN: BENZO-CHINON (German) * 1,4-BENZOQUINE * BENZOQUINONE * 1,4-BENZOQUINONE * BENZOQUINONE (DOT) * CHINON (Dutch, German) * CHINONE * CYCLOHEXADIENEDIONE * 1,4-CYCLOHEXADIENEDIONE * 2,5-CYCLOHEXADIENE-1,4-DIONE * 1,4-CYCLOHEXADIENE DIOXIDE * 1,4-DIOSSIBENZENE (Italian) * 1,4-DIOXYBENZENE * 1,4-DIOXY-BENZOL (German) * NCI-C55845 * QUINONE * p-QUINONE * RCRA WASTE NUMBER U197 * UN 2587 (DOT) * USAF P-220

MUTATION DATA AND REFERENCES:
mma-sat 8 mg/plate MUREAV 51,11,81

TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 skn-mus TDLo:800 mg/kg/29W-C PHATA8 16,309,40

TOXICITY DATA AND REFERENCES:
orl-rat LD50:130 mg/kg FEPRA7 8,348,49
ivn-rat LD50:25 mg/kg FEPRA7 8,348,49
ipr-mus LD50:8500 ug/kg BCPCA6 12,885,63

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW,ANIMAL INDEFINITE IARC** 15,255,77
★ TLV-TWA 100 ppb; STEL 300 ppb DTLVS* 4,355,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 0.1 ppm (SCP-M) FEREAC 39,23540,74
★ DOT-IMO-POISON B, LABEL-POISON CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S181*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2-BENZOQUINONE see: DK2490000
1,4-BENZOQUINONE see: DK2625000
p-BENZOQUINONE AMIDINOHYDRAZONE THIOSEMICARBAZONE see: MF5550000

DK2790000 p-BENZOQUINONE, (AMIDINOHYDRAZONE) (3-THIOSEMICARBAZONE), HYDROCHLORIDE, HYDRATE
UPDT:8406 MW: 291.80 MOLFM: C8-H11-N7-S-Cl-H-H2O
SYN: 1,4-BENZOCHININONGUANYLHYDRAZONTHIOSEMICARBAZON HYDROCHLORID HYDRAT (German)

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:580 mg/kg PHARAT 38,105,83

BENZOQUINONE AZIRIDINE see: DK3325000
1,4-BENZOQUINONE N'-BENZOYLHYDRAZONE OXIME see: DH6125000

DK3325000 p-BENZOQUINONE, 2,5-BIS(1-AZIRIDINYL)-3,6-BIS(2-METHOXYETHYOXY)-
UPDT:8401 CAS: 800-24-8 MW: 338.40 MOLFM: C16-H22-N2-O6
SYN: A 139 * AZIRIDYL BENZOQUINONE * BAY A 139 * BAYER A 139 * BAYER E39 SOLUBLE * BENZOQUINONE AZIRIDINE * 2,5-BIS(1-AZIRIDINYL)-3,6-BIS(2-mETHOXYETHOXY)-2,5-CYCLOHEXADIENE-1,4-DIONE * 2,5-BIS(1-AZIRIDINYL)-3,6-BIS(2-METHOXYETHOXY)-p-BENZOQUINONE * 3,6-BIS(beta-METHOXYETHOXY)-2,5-BIS(ETHYLENEIMINO)-p-BENZOQUINONE * 2,5-BIS-METHOXYETHOXY-3,6-BISETHYLENEIMINO-1,4-BENZOQUINONE * 3,6-BIS(beta-METHOXYETHOXY)-2,5-BIS(ETHYLENEIMINO)-p-BENZOQUINONE * E 39 SOLUBLE * NSC 17262

MUTATION DATA AND REFERENCES:
dlt-dmg-orl 1 umol/L MUREAV 14,250,72

TUMORIGENIC DATA AND REFERENCES:
2V01J60 ipr-mus TDLo:4 mg/kg/4W JNCIAM 36,915,66

TOXICITY DATA AND REFERENCES:
ivn-dog LDLo:250 ug/kg CCSUBJ 2,203,65
ivn-mky LDLo:500 ug/kg CCSUBJ 2,203,65

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW,ANIMAL POSITIVE IARC** 9,51,75

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK3327000 p-BENZOQUINONE, 2,5-BIS(1-AZIRIDINYL)-3,6-DIPROPOXY-
UPDT:8403 CAS: 436-60-8 MW: 306.40 MOLFM: C16-H22-N2-O4
SYN: 2,5-BIS(ETHYLENEIMINO)-3,6-DIPROPOXY-1,4-BENZOQUINONE * 2,5-CYCLOHEXADIENE-1,4-DIONE, 2,5-BIS(1-AZIRIDINYL)-3,6-DIPROPOXY- (9CI) * 2,5-DIAZIRINO-3,6-DIPROPOXY-p-BENZOQUINONE * IMPROQUINE

MUTATION DATA AND REFERENCES:
dnd-dmg-orl 10 umol/L CNREA8 30,195,70
sln-dmg-orl 50000 ppm MUREAV 2,29,65

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DK3400000 p-BENZOQUINONE, 2,5-BIS(1-AZIRIDINYL)-3-(2-HYDROXY-1-METHOXYETHYL)-6-METHYL-, CARBAMATE (ester)
UPDT:8403 CAS: 26279-91-2 MW: 321.37 MOLFM: C15-H19-N3-O5
SYN: 2,5-BIS(1-AZIRIDINYL)-3-(2-CARBAMOYLOXY-1-METHOXYETHYL)-6-METHYL-1,4-BENZOQUINONE * 2,5-BIS(1-AZIRIDINYL)-3-(2-HYDROXY-1-METHOXYETHYL)-6-METHYL-p-BENZOQUINONE CARBAMATE (ester) * CARBAZILQUINONE * CARBOQUONE * ESQUINON

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CNREA8 38,2148,78
mma-sat 10 ug/plate CNREA8 38,2148,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:35 mg/kg (35D male) OYYAA2 8,501,74
1T03 orl-rat TDLo:175 mg/kg (35D male) OYYAA2 8,501,74
1T12 orl-rat TDLo:35 mg/kg (35D pre) OYYAA2 8,501,74
1T13 orl-rat TDLo:70 mg/kg (35D pre) OYYAA2 8,501,74
1T02 ipr-rat TDLo:17500 ug/kg (35D male) OYYAA2 8,501,74
1T12 ipr-rat TDLo:17500 ug/kg (35D pre) OYYAA2 8,501,74
1T13 ipr-rat TDLo:7 mg/kg (35D pre) OYYAA2 8,501,74

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:27300 ug/kg IYKEDH 6,119,75
* ipr-rat LD50:3070 ug/kg IYKEDH 6,119,75
* scu-rat LD50:3990 ug/kg OYYAA2 8,501,74
* ivn-rat LD50:3620 ug/kg IYKEDH 6,119,75
* orl-mus LD50:28600 ug/kg IYKEDH 6,119,75
* ipr-mus LD50:3440 ug/kg IYKEDH 6,119,75
* scu-mus LD50:4900 ug/kg OYYAA2 8,501,74
* ivn-mus LD50:5430 ug/kg IYKEDH 6,119,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK3450000 1,4-BENZOQUINONE, 2-(N,N-BIS(2-CHLOROETHYL)AMINO)-
UPDT:8403 MW: 248.12 MOLFM: C10-H11-Cl2-N-O2
SYN: BENZOQUINONE MUSTARD * 2-(N-N BIS(2 CHLOROETHYL)AMINO) 1,4 BENZOQUINONE * DI(2 CHLOROETHYL)AMINO 1,4 BENZOQUINONE

MUTATION DATA AND REFERENCES:
dnd-mus:lym 30 nmol/L CNREA8 44,78,84

DK3528300 1,4-BENZOQUINONE, 2-(N,N-BIS(2-HYDROXYETHYL)AMINO)-
UPDT:8403 MW: 211.24 MOLFM: C10-H13-N-O4
SYN: 2-(N,N-BIS(2 HYDROXYETHYL)AMINO) 1,4-BENZOQUINONE * DI(2-HYDROXYETHYL)AMINO 1,4-BENZOQUINONE

MUTATION DATA AND REFERENCES:
dnd-mus:lym 1 mmol/L CNREA8 44,78,84

DK3528500 p-BENZOQUINONE, 2,3-BIS(HYDROXYMETHYL)-5,6 DIMETHYL-, DIACETATE (ester)
UPDT:8305 MW: 280.30 MOLFM: C14-H16-O6
SYN: 2,3-BIS(HYDROXYMETHYL) 5,6 DIMETHYL p-BENZOQUINONE DIACETATE (ester)

MUTATION DATA AND REFERENCES:
dni-mus:ath 5 umol/L JMCMAR 15,1247,72
oms-mus:ath 6 umol/L JMCMAR 15,1247,72

DK3675000 p-BENZOQUINONE, 2,5-BIS(PHENYLTHIO)-
UPDT:8307 CAS: 17058-53-6 MW: 324.42 MOLFM: C18-H12-O2-S2
SYN: 2,5-BIS-PHENYLTHIO) p-BENZOQUINONE * USAF PD-18

MUTATION DATA AND REFERENCES:
orl-rat:lvr 2 mg/L JNCIAM 55,375,75

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg NTIS** AD277-689

DK3795000 p-BENZOQUINONE, 2-tert-BUTYL-, mixed with COPPER SULFATE
UPDT:8308 MW: 323.82 MOLFM: C10-H12-O2-Cu-O4-S
SYN: 2-tert-BUTYL p-QUINONE mixed with COPPER SULFATE * COPPER SULFATE mixed with 2-tert-BUTYL p-QUINONE

MUTATION DATA AND REFERENCES:
dnd-ofs:spr 8 mmol/L ABCHA6 46,1083,82

DK3900000 p-BENZOQUINONE, 2-(3,7,11,15,19,23,27,31,35,39-DECAMETHYL-2,6,10,14,18,22,26,30,34,38- TETRACONTADECAENYL)-5,6-DIMETHOXY-3-METHYL-
UPDT:8411 CAS: 303-98-0 MW: 863.49 MOLFM: C59-H90-O4
SYN: COENZYME Q(sub 10) * CoQ(sub 10) * UBIDECARENONE * UBIQUINONE 10 * UBIQUINONE 50

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T46T86 orl-rat TDLo:42 mg/kg (9-15D preg) IYKEDH 3,306,72
3T25T35T59 orl-rat TDLo:4200 mg/kg (9-15D preg) IYKEDH 3,306,72
2T46T86 orl-mus TDLo:42 mg/kg (7-13D preg) IYKEDH 3,306,72
2T25T35 orl-mus TDLo:4200 mg/kg (7-13D preg) IYKEDH 3,306,72
1T34 orl-mus TDLo:420 mg/kg (7-13D preg) IYKEDH 3,306,72

TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:4000 mg/kg NISDN 6,862,82
* scu-rat LDLo:500 mg/kg NIIRDN 6,862,82
* ivn-rat LDLo:250 mg/kg NIIRDN 6,862,82
* ims-rat LDLo:500 mg/kg NIIRDN 6,862,82
* orl-mus LDLo:4000 mg/kg NIIRDN 6,862,82
* scu-mus LDLo:500 mg/kg NIIRDN 6,862,82
* ivn-mus LDLo:500 mg/kg NIIRDN 6,862,82
* ims-mus LDLo:500 mg/kg NIIRDN 6,862,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK3970000 p-BENZOQUINONE, 2,6-DI-tert-BUTYL-
UPDT:8405 CAS: 719-22-2 MW: 220.34 MOLFM: C14-H20-O2
SYN: DBQ * 2,6-DI tert-BUTYL p-BENZOQUINONE

TOXICITY DATA AND REFERENCES:
3D02D21P01 ipr-mus LD50:2270 mg/kg TOLEDS 6,173,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DK4230000 p-BENZOQUINONE, 2,5-DIHYDROXY-3-UNDECYL-
UPDT:8408 CAS: 550-24-3 MW: 294.43 MOLFM: C17-H26-O4
SYN: 2,5-CYCLOHEXADIENE 1,4-DIONE, 2,5-DIHYDROXY 3-UNDECYL (9CI) * 2,5-DIHYDROXY-3-UNDECYL 1,4-BENZOQUINONE * EMBELIC ACID * EMBELIN * EMBERINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:75 mg/kg (1-5D preg) IJEBA6 13,70,75
2T24T25 orl-rat TDLo:250 mg/kg (1-5D preg) IJEBA6 18,1359,80
2T13T19 orl-rat TDLo:50 mg/kg (1-20 preg) IJEBA6 16,1187,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK4785000 p-BENZOQUINONE, 2,6-DIMETHOXY-3-(HYDROXYMETHYL)-, ACETATE (ester)
UPDT:8305 CAS: 40870-53-9 MW: 240.23 MOLFM: C11-H12-O6
SYN: 2,5-CYCLOHEXADIENE 1,4-DIONE, 2-((ACETYLOXY)METHYL)-3,5-DIMETHOXY- * 2,6-DIMETHOXY-3-(HYDROXYMETHYL) p-BENZOQUINONE ACETATE (ester)

MUTATION DATA AND REFERENCES:
dni-mus:ath 15 umol/L JMCMAR 15,1247,72
oms-mus:ath 15 umol/L JMCMAR 15,1247,72

DK4790000 p-BENZOQUINONE, 2,3-DIMETHYL-
UPDT:8403 CAS: 526-86-3 MW: 136.16 MOLFM: C8-H8-O2
SYN: 2,5-CYCLOHEXADIENE 1,4-DIONE, 2,3-DIMETHYL- (9CI) * 2,3-DIMETHYL p-BENZOQUINONE * 2,3-DIMETHYLQUINONE * α-XYLOQUINONE

MUTATION DATA AND REFERENCES:
cyt-hmn:lym 10 mg/L 12H-C ENMUDM 5,923,83

DK4800000 p-BENZOQUINONE, 2,5-DIMETHYL-
UPDT:8310 CAS: 137-18-6 MW: 136.16 MOLFM: C8-H8-O2
SYN: 2,5-DIMETHYLBENZOCHINONE (1,4- (Italian)) * FLORONE (Italian) * PHLORON * p-XYLOQUINONE

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg NCNSA6 5,39,53
2F07F12 orl-mus LD50:290 mg/kg BCFAAI 97,533,58
2F07F12 ipr-mus LD50:11 mg/kg BCFAAI 97,533,58
2F07F12 scu-mus LD50:43 mg/kg BCFAAI 97,533,58

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DK4870000 p-BENZOQUINONE, 2,3-DIMETHYL-5-(HYDROXYMETHYL)-, ACETATE (ester)
UPDT:8305 CAS: 40870-69-7 MW: 208.21 MOLFM: C11-H12-O4
SYN: 2,5-CYCLOHEXADIENE 1,4-DIONE, 5-((ACETYLOXY)METHYL)-2,3-DIMETHYL- * 2,3-DIMETHYL-5-(HYDROXYMETHYL) p-BENZOQUINONE ACETATE (ester)

MUTATION DATA AND REFERENCES:
dni-mus:ath 8 umol/L JMCMAR 15,1247,72
oms-mus:ath 10 umol/L JMCMAR 15,1247,72

DK4900000 p-BENZOQUINONE, DIOXIME
UPDT:8412 CAS: 105-11-3 MW: 138.14 MOLFM: C6-H6-N2-O2
SYN: ACTOR Q * 1,4-BENZOQUINONE DIOXIME * 2,5-CYCLOHEXADIENE 1,4-DIONE, DIOXIME * DIBENZO PQD * DIOXIME p-BENZOQUINONE * DIOXIME 1,4-CYCLOHEXADIENEDIONE * DIOXIME 2,5-CYCLOHEXADIENE 1,4-DIONE * G-M-F * NCI-C03850 * PQD * QDO * QUINONE DIOXIME * p-QUINONE DIOXIME * para-QUINONE OXIME

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate ENMUDM 5(Suppl 1),3,83
mmo-sat 33 ug/plate ENMUDM 5(Suppl 1),3,83

TUMORIGENIC DATA AND REFERENCES:
2V02M60 orl-rat TDLo:14 gm/kg 2Y-C NCITR* NCI-CG-TR-179,79
2V03L60 orl-mus TDLo:131 gm/kg 2Y-C NCITR* NCI-CG-TR-179,79

TOXICITY DATA AND REFERENCES:
orl-rat LCLo:464 mg/kg NCILB* NCI-E-C-72-3252
orl-mus LD50:1542 mg/kg GTPZAB 8(7),39,64

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 29,185,82

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS POSITIVE,RAT (NCITR* NCI-CG-TR-179,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS INDEFINITE,MOUSE (NCITR* NCI-CG-TR-179,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,4-BENZOQUINONE DIOXIME see: DK4900000
BENZOQUINONE (DOT) see: DK2625000
BENZOQUINONE (DOT) see: DK2490000
BENZOQUINONE GUANYLHYDRAZONE THIOSEMICARBAZONE see: MF5550000
p-BENZOQUINONE, compd. with HYDROQUINONE see: VA4550000

DK5160000 p-BENZOQUINONE, 2-(HYDROXYMETHYL)-
UPDT:8307 CAS: 644-17-7 MW: 138.13 MOLFM: C7-H6-O3
SYN: 2-(HYDROXYMETHYL) p-BENZOQUINONE

MUTATION DATA AND REFERENCES:
dni-mus:ath 20 umol/L JMCMAR 15,1247,72
oms-mus:ath 45 umol/L JMCMAR 15,1247,72

DK5163000 p-BENZOQUINONE, 2-(HYDROXYMETHYL)-, ACETATE (ester)
UPDT:8307 MW: 180.17 MOLFM: C9-H8-O4
SYN: 2,5-CYCLOHEXADIENE 1,4-DIONE, 2-((ACETYLOXY)METHYL)- * 2-(HYDROXYMETHYL) p-BENZOQUINONE ACETATE (ester)

MUTATION DATA AND REFERENCES:
dni-mus:ath 20 umol/L JMCMAR 15,1247,72
oms-mus:ath 35 umol/L JMCMAR 15,1247,72

DK5165000 p-BENZOQUINONE, 2-(HYDROXYMETHYL)-5-METHYL-
UPDT:8305 CAS: 40870-52-8 MW: 152.16 MOLFM: C8-H8-O3
SYN: 2,5-CYCLOHEXADIENE 1,4-DIONE, 2-(HYDROXYMETHYL)-5-METHYL- * 2-(HYDROXYMETHYL)-5-METHYL p-BENZOQUINONE

MUTATION DATA AND REFERENCES:
dni-mus:ath 20 umol/L JMCMAR 15,1247,72
oms-mus:ath 40 umol/L JMCMAR 15,1247,72

DK5166000 p-BENZOQUINONE, 2-(HYDROXYMETHYL)-5-METHYL-, ACETATE (ester)
UPDT:8305 CAS: 32185-60-7 MW: 194.20 MOLFM: C10-H10-O4
SYN: 2,5-CYCLOHEXADIENE 1,4-DIONE, 2-((ACETYLOXY)METHYL)-5-METHYL- * 2-(HYDROXYMETHYL)-5-METHYL p-BENZOQUINONE ACETATE (ester)

MUTATION DATA AND REFERENCES:
dni-mus:ath 9 umol/L JMCMAR 15,1247,72
oms-mus:ath 15 umol/L JMCMAR 15,1247,72

BENZOQUINONE, 2-HYDROXY-, 1-OXIME see: GU5610000

DK5171000 p-BENZOQUINONE, 2-(3-HYDROXY-3,7,11,15-TETRAMETHYLHEXADECYL)-3,5,6-TRIMETHYL-, dl-
UPDT:8401 MW: 446.79 MOLFM: C29-H50-O3
SYN: dl-2-(3-HYDROXY-3,7,11,15-TETRAMETHYLHEXADECYL)-3,5,6-TRIMETHYL p-BENZOQUINONE * dl-alpha-TOCOPHEROL QUINONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-mus TDLo:34 gm/kg (5-21D preg) JBCHA3 159,59,45
1T25 ipr-mus TDLo:8 gm/kg (4D preg) JBCHA3 159,59,45

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK6140000 p-BENZOQUINONE, 2-METHOXY-6-METHYL-
UPDT:8305 MW: 152.16 MOLFM: C8-H8-O3
SYN: COPROMIN * 2-METHOXY-6-METHYL p-BENZOQUINONE * 3-METHOXY TOLUQUINONE * 3-METHOXY-2,5-TOLUQUINONE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:7400 ug/kg JANTAJ 35,985,82
* ivn-mus LD50:25 mg/kg BSGDA2 3,304,80

BENZOQUINONE MUSTARD see: DK3450000

DK6384000 7H-BENZO(c)FLUORENE
UPDT:8404 CAS: 205-12-9 MW: 216.29 MOLFM: C17-H12
SYN: 3,4-BENZOFLUORENE

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,189,83

p-BENZOQUINONE OXIME BENZOYLHYDRAZONE see: DH6125000

DK6825000 p-BENZOQUINONE, 2,3,5,6-TETRACHLORO-
UPDT:8403 CAS: 118-75-2 MW: 245.86 MOLFM: C6-Cl4-O2
SYN: 1,4-BENZOQUINONE, 2,3,5,6-TETRACHLORO * CHLORANIL * DOW SEED DISINFECTANT NO. 5 * ENT 3,797 * G-25804 * G-448E * GEIGY 448E * RERANIL * SPERGON * SPERGON-1 * SPERGON TECHNICAL * TETRACHLOROBENZOQUINONE * TETRACHLORO p-BENZOQUINONE * TETRACHLORO-1,4-BENZOQUINONE * 2,3,5,6-TETRACHLORO p-BENZOQUINONE * 2,3,5,6-TETRACHLORO-1,4-BENZOQUINONE * 2,3,5,6-TETRACHLORO-2,5-CYCLOHEXADIENE 1,4-DIONE * TETRACHLOROQUINONE * TETRACHORO-p-QUINONE * VULKLOR

TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-mus TDLo:71 gm/kg 78W-I NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg PCOC** -,218,66
ipr-rat LDLo:500 mg/kg JIHTAB 25,98,43

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,4-BENZOQUINONE, 2,3,5,6-TETRACHLORO- see: DK6825000

DK7050000 1,4-BENZOQUINONE, 2,3,5,6-TETRAKIS(1-AZIRIDINYL)-
UPDT:8401 CAS: 4239-06-9
SYN: TEB * 2,3,5,6-TETRA ETHYLENEIMINO 1,4-BENZOQUINONE * 2,3,5,6-TETRAKIS(1-AZIRIDINYL) 1,4-BENZOQUINONE

MUTATION DATA AND REFERENCES:
sln-dmg-orl 50 nmol/L 24H MUREAV 29,383,75
dlt-dmg-orl 100 nmol/L 24H MUREAV 29,383,75
mmo-nsc 200 ug/plate MUREAV 53,297,78
cyt-hmn-fbr 1800 umol/L MUREAV 34,299,76

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

p-BENZOQUINONE, TRIS(1-AZIRIDINYL)- see: DK7175000

DK7175000 p-BENZOQUINONE, 2,3,5-TRIS(1-AZIRIDINYL)-
UPDT:8406 CAS: 68-76-8 MW: 231.28 MOLFM: C12-H13-N3-O2

BEST COPY AVAILABLE

SYN: AZIRIDINE, 1,1',1''-(1,3,5-DIOXO-1,3,5-CYCLOHEXATRIYL)TRIS- * BAYER 3231 * p-BENZOQUINONE, TRIS(1-AZIRIDINYL)- * 1,1',1''-(2,4,6-DIOXO-1,3,5-CYCLOHEXATRIYL)TRIS(AZIRIDINE) * NSC 29215 * ONCOVEDEX * PRENIMON * RIKER 601 * 10257 R.P. * TEIB * TRENIMON * TRIAZICHON (German) * TRIAZIQUINONE * TRIAZIQUONE * 2,3,5-TRIS(1-AZIRIDINYL)-p-BENZOQUINONE * 2,3,5-TRIETHYLENEIMINO-1,4-BENZOQUINONE * TRIETHYLENEIMINOBENZOQUINONE * TRISAETHYLENIMINOBENZOCHINON (German) * 2,3,5-TRIS(AZIRIDINO)-1,4-BENZOQUINONE * 2,3,5-TRIS(1-AZIRIDINO)-p-BENZOQUINONE * TRIS(AZIRIDINYL)-p-BENZOQUINONE * TRIS(1-AZIRIDINYL)-p-BENZOQUINONE * 2,3,5-TRIS(1-AZIRIDINYL)-p-BENZOQUINONE * 2,3,5-TRIS(AZIRIDINYL)-1,4-BENZOQUINONE * 2,3,5-TRIS(1-AZIRIDINYL)-2,5-CYLOHEXADIENE-1,4-DIONE * 2,3,5-TRISETHYLENEIMINOBENZOQUINONE * TRISETHYLENEIMINOQUINONE * 2,3,5-TRIS(ETHYLENIMINO)BENZOQUINONE * 2,3,5-TRIS(ETHYLENIMINO)-p-BENZOQUINONE * 2,3,5-TRIS(ETHYLENIMINO)-1,4-BENZOQUINONE

MUTATION DATA AND REFERENCES:

mma-esc 1200 ug/plate	EVSRBT 24,943,81
dnr-esc 20 uL/plate	MUREAV 97,1,82
dnd-esc 5 umol/L	MUREAV 89,95,81
pic-esc 500 ug/plate	EVSRBT 24,943,81
dnr-bcs 20 uL/plate	MUREAV 97,1,82
slt-dmg-unk 300 umol/L/2H	MUREAV 120,233,83
dnd-dmg-orl 10 umol/L	CNREA8 30,195,70
cyt-dmg-orl 2300 ug/kg	EVSRBT 24,943,81
sln-dmg-orl 50000 ppm	MUREAV 2,29,65
sln-dmg-par 10 umol/L	MUREAV 65,21,79
dlt-dmg-orl 40 umol/L	GENTAE 87,67,77
trn-dmg-orl 2300 ug/kg	EVSRBT 24,943,81
mma-smc 10 nmol/L	MUREAV 65,21,79
mrc-smc 4 nmol/L	MUREAV 65,21,79
dnd-smc 1 nmol/L	MUREAV 58,241,78
mnt-hmn:leu 500 nmol/L/8H	MUREAV 65,21,79
dns-hmn:oth 10 ug/L	26QZAP 2,377,72
dni-hmn:hla 200 nmol/L/30M-C	JEPTDQ 2(11),65,78
dni-hmn:oth 100 ug/L	26QZAP 2,377,72
dni-hmn:oth 250 ug/L	26QZAP 2,395,72
oms-hmn:oth 250 ug/L	26QZAP 2,395,72
dni-hmn:oth 5 ug/L	26QZAP 2,395,72
oms-hmn:oth 5 ug/L	26QZAP 2,,75,72
cyt-hmn:lym 250 nmol/L	HUMAA7 17,307,73
cyt-hmn:fbr 2500 ug/L	MUREAV 65,21,79
cyt-hmn:leu 1 ng/L	MUREAV 65,21,79
sce-hmn:leu 10 nmol/L	MUREAV 65,21,79
sce-hmn:lym 10 nmol/L/24H	MUREAV 58,121,78
sce-hmn:fbr 1 umol/L	EVSRBT 24,943,81
dlt-oth-orl 10 umol/L	MUREAV 44,287,77
mnt-rat-ipr 62 ug/kg/24H	MUREAV 65,21,79
mnt-mus-ipr 250 ug/kg/24H	MUREAV 54,175,78
dnd-mus/ast 650 nmol/kg	CNREA8 33,1048,73
dns-mus:tes 50 nmol/L/3H	ARTODN 37,195,77
dni-mus-unk 60 nmol/kg	ECREAL 90,357,75
dni-mus:lym 10 ug/L	ARZNAD 25,378,75
dni-mus-ipr 60 ug/kg	MUREAV 46,305,77
cyt-mus-ipr 250 ug/kg/24H	MUREAV 54,175,78
cyt-mus-unk 1840 ng/kg	MUREAV 97,173,82
cyt-mus:oth 200 nmol/L	EVSRBT 24,353,81
cyt-mus-orl 12500 ug/kg	EVSRBT 24,353,81
sce-mus-ipr 2500 ng/kg	HUGEDQ 35,299,77
sce-mus-unk 2500 ng/kg	NATUAS 260,448,76
dlt-mus-ipr 250 ug/kg	HUMAA7 1,576,65
dlt-mus-unk 125 ug/kg	EESADV 3,122,79
hma-mus/srm 300 mg/kg/2H	MGGEAE 117,197,72
hma-mus/esc 48 mg/kg/2H	MGGEAE 117,197,72
hma-mus/sat 500 ug/kg	EVSRBT 24,353,81
spm-mus-ipr 125 ug/kg	MUREAV 65,21,79
trn-mus-ipr 125 ug/kg	MUREAV 65,21,79
mnt-ham-ipr 62 ug/kg/24H	MUREAV 65,21,79
mnt-ham-unk 62 ug/kg	EESADV 3,122,79
otr-ham:kdy 200 ng/L	TXCYAC 19,55,81
cyt-ham:oth 10 umol/L	EVSRBT 24,943,81
cyt-ham-unk 62 ug/kg	EESADV 3,122,79
cyt-ham-ipr 128 mg/kg/24H	HUMAA7 11,103,71
cyt-ham:fbr 1250 ug/L/24H	MUREAV 65,21,79
cyt-ham:ovr 1 umol/L	MUREAV 23,259,74
cyt-ham-emb 1250 ng/L	HUMAA7 11,119,71
sce-ham-ipr 100 ng/kg	ARZNAD 29,1871,79
sce-ham-unk 100 ng/kg	EESADV 3,122,79
spm-ham-par 31 ug/kg	HUGEDQ 42,67,78
spm-ham-ipr 250 ug/kg	MUREAV 25,347,74
mnt-gpg-ipr 62 ug/kg/24H	MUREAV 65,21,79
mnt-mky-ivn 62 ug/kg	MUREAV 65,21,79
mnt-mky-ipr 125 ug/kg	EVSRBT 24,943,81
dnd-mam:lym 14 mmol/L	MUREAV 65,21,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	ipr-mus TDLo:125 ug/kg (1D pre)	22XWAN -,294,70
1T11	ipr-mus TDLo:1 mg/kg (1D preg)	MUREAV 92,447,82
1T82	ipr-mus TDLo:125 ug/kg (1D male)	MUREAV 54,175,78
1T33	ipr-mus TDLo:20 ug/kg (15D preg)	HUGEDQ 51,183,79
2T24T35	ipr-mus TDLo:125 ug/kg (1D male)	22XWAN -,294,70
1T76	ipr-mus TDLo:125 ug/kg (1D male)	HUMAA7 7,43,69

TUMORIGENIC DATA AND REFERENCES:

3V01J60P60	ivn-rat TDLo:1560 ug/kg/1Y-I	ARZNAD 20,1461,70

TOXICITY DATA AND REFERENCES:

1P14	ipr-rat LD50:161 mg/kg	ARZNAD 16,1533,66
	ivn-rat LD50:470 ug/kg	ARZNAD 20,1461,70
	par-rat LD50:500 ug/kg	RRCRBU 52,76,75

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW, ATXKA8 28,135,71

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,67,75

★ CARCINOGENIC REVIEW:HUMAN, INDEFINITE IARC** 9,67,75

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZO RED 3B see: QJ6476000

DK7400000 2,1,3-BENZOSELENADIAZOLE, 5,6-DIMETHYL-

UPDT 7901 CAS: 2026-34-8 MW: 211.14 MOLFM: C8-H8-N2-Se

SYN: 5,6-DIMETHYL-2,1,3-BENZOSELENODIAZOLE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:56 mg/kg	CSLNX* NX#02249

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

DK7450000 2,1,3-BENZOSELENADIAZOLE, 5-METHYL-

UPDT 7901 CAS: 1123-81-7 MW: 197.11 MOLFM: C7-H6-N2-Se

SYN: 5-METHYL-2,1,3-BENZOSELENADIAZOLE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:56 mg/kg	CSLNX* NX#02914

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

DK7525000 BENZOSELENAZOLE, 2,5-DIMETHYL-

UPDT 8403 CAS: 2818-89-5 MW: 210.15 MOLFM: C9-H9-N-Se

SYN: 2,5-DIMETHYLBENZSELENAZOL (Czech)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	28ZPAK -,222,72
	eye-rbt 500 mg/24H SEV	28ZPAK -,222,72

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1060 mg/kg	28ZPAK -,222,72

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

DK7700000 BENZOSELENAZOLE, 2-METHYL-

UPDT 7908 CAS: 2818-58-4 MW: 196.12 MOLFM: C8-H7-N-Se

SYN: 2-METHYLBENZSELENAZOL (Czech) * 2-METHYLBENZOSELENAZOLE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	28ZPAK -,222,72
	eye-rbt 500 mg/24H SEV	28ZPAK -,222,72

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:471 mg/kg	28ZPAK -,222,72
*	ivn-mus LD50:140 mg/kg	CSLNX* NX#05958

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK7725000 BENZOSELENAZOLIUM, 3-ETHYL-2-(3-(3-ETHYL-2-BENZOSELENAZOLINYLIDENE)-2-METHYLPROPENYL)-, IODIDE

UPDT 7901 CAS: 7310-87-4 MW: 600.29 MOLFM: C22-H23-N2-Se2-I

SYN: 3,3'-DIETHYL-9-METHYLSELENOCARBOCYANINE IODIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:18 mg/kg	CSLNX* NX#02907

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

BENZO SKY BLUE A-CF see: QJ6420000

BENZO SKY BLUE S see: QJ6420000

o-BENZOSULFIMIDE see: DE4200000

BENZOSULFONAMIDE see: DA9380000

BENZOSULPHIMIDE see: DE4200000

o-BENZOSULPHIMIDE see: DE4200000

BENZO-2-SULPHIMIDE see: DE4200000

BENZO-SULPHIMIDE see: DE4200000

BENZOTEF see: CV2350000

BENZO-TEP see: CV2350000

BENZO-TEPA see: CV2350000

BENZOTEPHE see: CV2350000

3,4-BENZOTETRACENE see: DE7340000

3,4-BENZOTETRAPHENE see: DE7340000

BENZO(c)TETRAPHENE see: DE7340000

DK8181000 2H-1,2,4-BENZOTHIADIAZINE-3-CARBOXYLIC ACID, 3,4-DIHYDRO-7-SULFAMOYL-6-(TRIFLUOROMETHYL)-, 1,1-DIOXIDE

UPDT 8405 MW: 375.32 MOLFM: C9-H8-F3-N3-O6-S2

SYN: ACIDO DIIDROFLUMETIAZIDICO (Italian) * DIHYDROTRIFLUOROMETILTIAZIDE-3-CARBOSSILATO (Italian)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2 gm/kg	BCFAAI 104,39,65

DK8182000 2H-1,2,4-BENZOTHIADIAZINE-3-CARBOXYLIC ACID, 3,4-DIHYDRO-7-SULFAMOYL-6-(TRIFLUOROMETHYL)-, 1,1-DIOXIDE, compd. with 2-(2-(4-(p-CHLORO-alpha-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY)ETHANOL (2:1)

UPDT 8405 MW: 1125.59 MOLFM: C58-H76-F6-N6-O12-S4-Cl2-H27-Cl-N2-O2

SYN: DIIDROFLUMETIAZIDATO di IDROSSIZINA (Italian) * DIIDROTRIFLUOROMETILTIAZIDE 3-CARBOSSILATO di IDROSSIZINA (Italian)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	BCFAAI 104,39,65

DK8185000 2H-1,2,4-BENZOTHIADIAZINE, 7-CHLORO-3-METHYL-, 1,1-DIOXIDE

UPDT 8306 CAS: 364-98-7 MW: 230.68 MOLFM: C8-H7-Cl-N2-O2-S

SYN: 7-CHLORO-3-METHYL-2H-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE * 7-CLORO-3-METIL-2H-1,2,4-BENZOTIODIAZINA 1,1-DIOSSIDO (Italian) * DIAZOSSIDO (Italian) * DIAZOXIDE * DIZOXIDE HYPERSTAT * MUTABASE * PROGLICEM * SRG 95213

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T39	ivn-dam TDLo:65 mg/kg (110-114D preg)	JCNDBK 11,206,71

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:980 mg/kg	AIPTAK 143,446,63
*	ipr-rat LD50:510 mg/kg	AIPTAK 143,446,63
1H02	orl-mus LD50:444 mg/kg	JPETAB 136,344,62
1H02	ipr-mus LD50:326 mg/kg	JPETAB 136,344,62
1H02	ivn-mus LD50:228 mg/kg	JPETAB 136,344,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK8225000 2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 3-BENZYL-3,4-DIHYDRO-6-(TRIFLUOROMETHYL)-, 1,1-DIOXIDE

UPDT 8411 CAS: 73-48-3 MW: 421.44 MOLFM: C15-H14-F3-N3-O4-S2

SYN: APRINOX * Bn-724-A * BENDROFLUAZIDE * BENDROFLUMETHIAZIDE * BENTRIDE * BENURON * BENZYLHYDROFLUMETHIAZIDE * 3-BENZYL-3,4-DIHYDRO-6-(TRIFLUOROMETHYL)-2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE * BENZYDROFLUMETHIAZIDE * BENZYLRODIURAN * 3-BENZYL-6-TRIFLUOROMETHYL-7-SULFAMOYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE * BERKOZIDE * BMT * BU-NOAK * BRISTURIC * BRISTURON * CENTYL * FLUMESIL * H 8 * INTOLEX * NATERETIN * NATURETIN * NATURINE * NEO-NACIEX * NEO-RONTYL * NIAGARIL * NIRION * ORSILE * PLURYL * PLURYLE * PLUSURIL * POLIURON * RELAN BETA * REPICIN * SALURAL * SALURES * SINESALIN * SODIURETIC * THIAZIDICO * 6-TRIFLUOROMETHYL-3-BENZYL-7-SULFAMYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE * URIEA

MUTATION DATA AND REFERENCES:

	cyt-ham:lng 200 mg/L	GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:

2F07F12	orl-wmn TDLo:3 mg/kg	LANCAO 1,564,82
	ivn-mus LD50:395 mg/kg	JPETAB 134,273,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK8400000 2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 3-((BENZYLTHIO)MENTHYL)-6-CHLORO-, 1,1-DIOXIDE

UPDT 8405 CAS: 91-33-8 MW: 451.95 MOLFM: C19-H22-Cl-N3-O4-S3

BEST COPY AVAILABLE

SYN: AQUATAC * BENZOTHIAZIDE * 2H-1,2,6-BENZOTHIADIAZINE-7-SULFONAMIDE, 6-CHLORO-3-[(ISOBUTYLMETHYLTHIO)METHYL]-, 1,1-DIOXIDE * BENZTHIAZIDE * 3-[(BENZYLTHIO)METHYL]-6-CHLORO-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE * 3-BENZYLTHIOMETHYL-6-CHLORO-2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE * 3-BENZYLTHIOMETHYL-6-CHLORO-7-SULFAMOYL-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE * 3-BENZYLTHIOMETHYL-6-CHLORO-7-SULFAMYL-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE * 3-BENZYLTHIOMETHYL-6-CHLORO-7-SULFAMYL-3H-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE * EDEMEX * EXNA * EXOSALT * FOVANE * FREEURIL * NACLEX * P 1393 * PFIZER 1393 * URESE

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:422 mg/kg	JPETAB 128,122,60
	ivn-mus LD50:410 mg/kg	JPETAB 128,122,60
	ivn-dog LDLo:200 mg/kg	JPETAB 128,122,60

DK8575000 2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 6-CHLORO-3-(CHLOROMETHYL)-3,4-DIHYDRO-, 1,1-DIOXIDE

UPDT:8405 CAS: 135-07-9 MW: 360.25 MOLFM: C9-H11-Cl2-N3-O4-S2

SYN: AQUATENSEN * ENDURON * METHYCHLOTHIAZIDE * METHYCLOTHIAZIDE * METHYCYCLOTHIAZIDE * METHYLCHLOROTHIAZIDE * METHYLCLOTHIAZIDE * METHYLCYCLOTHIAZIDE * NSC 110431

MUTATION DATA AND REFERENCES:

	cyt-ham-fbr 250 mg/L	ESKHA5 96,55,78
	cyt-ham-lng 140 mg/L	GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:2000 mg/kg	29ZVAB -,77,69
	ipr-mus LD50:870 mg/kg	29ZVAB -,77,69
	ivn-mus LD50:400 mg/kg	29ZVAB -,77,69

DK8750000 2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 6-CHLORO-3-(CYCLOPENTYLMETHYL)-3,4-DIHYDRO-, 1,1-DIOXIDE

UPDT:8405 CAS: 742-20-1 MW: 379.91 MOLFM: C13-H18-Cl-N3-O4-S2

SYN: CYCLOMETHIAZIDE * CYCLOPENTHIAZIDE * 3-CYCLOPENTYLMETHYL HYDROCHLOROTHIAZIDE DERIV * NAVIDREX * NAVIDRIX * SALIMED * SALIMID * SU 8341 * TSIKLOMETIAZID

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:142 mg/kg	AIPTAK 131,325,61
*	ivn-mus LD50:232 mg/kg	MEIEDD 10,394,83

DK8925000 2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 6-CHLORO-3-(DICHLOROMETHYL)-3,4-DIHYDRO-, 1,1-DIOXIDE

UPDT:8405 CAS: 133-67-5 MW: 380.66 MOLFM: C8-H8-Cl3-N3-O4-S2

SYN: ACHLETIN * ANATRAN * ANISTADIN * APONORIN * CARVACRON * 6-CHLORO-3-(DICHLOROMETHYL)-3,4-DIHYDRO-2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE * 6-CHLORO-3-(DICHLOROMETHYL)-3,4-DIHYDRO-7-SULFAMYL-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE * 3-DICHLOROMETHYL-6-CHLORO-7-SULFAMOYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE * 3-DICHLOROMETHYL-6-CHLORO-7-SULFAMYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE * DIURESE * ESMARIN * EURINOL * FLUITRAN * FLUTRA * GANGESOL * HYDROTRICHLOROTHIAZIDE * INTROMENE * KUBACRON * METAHYDRIN * NAKVA * NAQUA * SALURIN * TACHIGINEN * TOYCASONE * TRICHLORMETAZID * TRICHLORMETHIAZIDE * TRICHLOROMETHIAZIDE * TRICHLOROMETHIAZIDE * TRICLORIDURIDE * TRICLORMETIAZIDE (Italian) * TRIFLUMEN

MUTATION DATA AND REFERENCES:

	cyt-ham-fbr 750 mg/L	ESKHA5 96,55,78
	cyt-ham-lng 560 mg/L	GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:920 mg/kg	29ZVAB -,119,69
*	orl-mus LD50:2600 mg/kg	FRPSAX 16,647,61
*	ipr-mus LD50:540 mg/kg	FRPSAX 16,647,61
	ivn-mus LD50:750 mg/kg	29ZVAB -,119,69

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

DK9100000 2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 6-CHLORO-3,4-DIHYDRO-, 1,1-DIOXIDE

UPDT:8412 CAS: 58-93-5 MW: 297.75 MOLFM: C7-H8-Cl-N3-O4-S2

SYN: AQUARILS * AQUARIUS * BREMIL * 6-CHLORO-3,4-DIHYDRO-2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE * 6-CHLORO-3,4-DIHYDRO-7-SULFAMOYL-2H-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE * 6-CHLORO-7-SULFAMOYL-3,4-DIHYDRO-2H-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE * CHLOROSULTHIADIL * CHLORSULFONAMIDODIHYDROBENZOTHIADIAZINE DIOXIDE * CHLORZIDE * CIDREX * DICHLOROSAL * DICHLOTIAZID * DICHLOTRIDE * DILCOTRIDE * 3,4-DIHYDRO-6-CHLORO-7-SULFAMYL-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE * DIHYDROCHLOROTHIAZIDE * DIHYDROCHLOROTHIAZIDE * 3,4-DIHYDROCHLOROTHIAZIDE * DIHYDROXYCHLOROTHIAZIDUM * DIREMA * DISALUNIL * DRENOL * DYAZIDE * ESIDREX * ESIDRIX * FLUVIN * HCTZ * HCZ * HIDRIL * HIDROCLORTIAZID * HIDRORONOL * HIDROTIAZIDA * HYDRIL * HYDRO AQUE * HYDROCLOROTHIAZID * HYDROCLOROTHIAZIDE * HYDROCHLORTHIAZIDE * HYDRODIURETIC * HYDRO DIURIL * HYDROSALURIC * HYPOTHIAZID * HYPOTHIAZIDE * HYDROTHIDE * IDROTIAZIDE * IVAUGAN * JEN-DRIL * MASCHITT * MEGADIURIL * HCL-C55925 * NEFRIX * NEO-CLORSMA * NEOFLUMEN * ORETIC * PANURIN * RYDROZIDE * SU 5879 * THIARETIC * THIURETIC * THIARTIC * URODIAZIN * VETIDREX * ZIDE

MUTATION DATA AND REFERENCES:

	dnd-esc 5 mg/L	MUREAV 89,95,81
	sln-asn 1 gm/L	MUREAV 26,159,74
	cyt-ham-lng 500 mg/L/48H	GMCRDC 27,95,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-rat TDLo:582 gm/kg (26W pre)	IYKEDH 11,294,80

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:234 mg/kg	27ZIAQ -,124,73
	scu-rat LD50:1270 mg/kg	27ZIAQ -,124,73
	orl-mus LD50:3080 mg/kg	27ZIAQ -,124,73
	ipr-mus LD50:578 mg/kg	27ZIAQ -,77,65
	scu-mus LD50:1470 mg/kg	27ZIAQ -,124,73
	ivn-mus LD50:590 mg/kg	JPETAB 134,273,61
	ivn-dog LD50:250 mg/kg	27ZIAQ -,124,73
	ivn-rbt LD50:461 mg/kg	27ZIAQ -,124,73

STATUS:

NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DK9450000 2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 6-CHLORO-, 1,1-DIOXIDE

UPDT:8406 CAS: 50-33-9 MW: 295.73 MOLFM: C7-H6-Cl-N3-O4-S2

SYN: ALURIDE * CF * CHLORAZID * CHLORIDAN * 6-CHLORO-2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE * CHLOTHAL * 6-CHLORO-7-SULFAMOYL-2H-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE * CHLORTHIAZID * CHLORTHIAZIDE * HYDRATHIAZIDE * CHLORURIT * CHLOTRIDE * CLOTRIDE * DIURESIL * DIURIL * DURIDIX * DURITE * DIUTRID * FLUMEN * MINZIL * NEO-DEMA * ANTIAN * SALUNIL * SALURETA * SALURIC * SK-CHLOROTHIAZIDE * THIAZINE * URINEX * WARICLOZIDE * YADALAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T91	orl-rat TDLo:12450 mg/kg (8-22D preg)	JCINAO 41,710,62
1T76	unk-rat TDLo:3520 mg/kg (1-22D preg)	ANREAK 193,174,79

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:1386 mg/kg	27ZIAQ -,77,73
*	orl-mus LD50:8000 mg/kg	AIPTAK 118,467,59
	ipr-mus LD50:1400 mg/kg	JPETAB 134,273,61
	ivn-mus LD50:940 mg/kg	JPETAB 134,273,61
	ivn-dog LD50:1000 mg/kg	27ZIAQ -,77,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 6-CHLORO-3-(((PHENYLMETHYL)THIO)METHYL)-, DIOXIDE see: DK8400000

DK9610000 2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 3,4-DIHYDRO-6-CHLORO-3-(5-NORBORNEN-2-YL)-, 1,1-DIOXIDE

UPDT:8307 CAS: 2259-96-3 MW: 389.90 MOLFM: C14-H16-Cl-N3-O4-S2

SYN: ANHYDRON * AQUIRIL * CYCLOTHIAZIDE * DOBORIN * MG-193 * RENAZIDE * VALVIRAN

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1500 mg/kg	BCFAAI 101,929,62
*	ipr-mus LD50:1500 mg/kg	NIIRDN 6,460,82

DK9625000 2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 3,4-DIHYDRO-6-(TRIFLUOROMETHYL)-, 1,1-DIOXIDE

UPDT:8403 CAS: 135-09-1 MW: 331.31 MOLFM: C8-H8-F3-N3-O4-S2

SYN: BRISTAB * BRISURON * DI-ADEMS * DIHYDROFLUMETHIAZIDE * DIHYDROFLUOMETHIAZIDE * 3,4-DIHYDRO-7-SULFAMYL-6-TRIFLUOROMETHYL-2H-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE * 3,4-DIHYDRO-6-TRIFLUOROMETHYL-2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE-1,1-DIOXIDE * 3,4-DIHYDRO-6-TRIFLUOROMETHYL-7-SULFAMOYLBENZO-1,2,4-THIADIAZINE-1,1-DIOXIDE * DIUCARDIN * ELODRIN * ENDURET * HYDOS * HYDRENOX * HYDROFLUMETHIAZIDE * LEDERINE * METLORETHIAZIDINE * METHORETHYLTHIAZINE * NARCLEX * OLNAKIRAN * RODURAN * RONTYL * SALURON * SIDRIL * 7-SULFAMYL-6-TRIFLUOROMETHYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE * 6-TRIFLUOROMETHYL-3,4-DIHYDRO-7-SULFAMOYL-2H-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE * TRIFLUOROMETHYLHYDROTHIAZIDE * 6-TRIFLUOROMETHYL-7-SULFAMYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE * VERIGONE

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:750 mg/kg	JPETAB 134,273,61

DK9900000 1H-2,1,3-BENZOTHIADIAZIN-4(3H)-ONE-2,2-DIOXIDE, 3-ISOPROPYL-

UPDT:8309 CAS: 25057-89-0 MW: 240.30 MOLFM: C10-H12-N2-O3-S

SYN: BAS 351-H * BASAGRAN * BENSULFOX * BENTAZON * BENTAZONE * 3-ISOPROPYL-2,1,3-BENZOTHIADIAZINON-(4)-2,2-DIOXID (German) * 3-ISOPROPYL-1H-2,1,3-BENZOTHIADIAZIN-4(3H)-ONE-2,2-DIOXIDE * 3,(1-METHYLETHYL)-1H-2,1,3-BENZOTHIADIAZIN-4(3H)-ONE-2,2-DIOXIDE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1100 mg/kg	GUCHAZ 6,36,73
	skn-rat LD50:2500 mg/kg	BSDPAN -,71,76
	orl-dog LD50:990 mg/kg	GUCHAZ 6,36,73
	orl-cat LD50:500 mg/kg	GUCHAZ 6,36,73
	orl-rbt LD50:750 mg/kg	BSDPAN -,71,76
	orl-gpg LD50:720 mg/kg	GUCHAZ 6,36,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DL0090000 2,1,3-BENZOTHIADIAZOLE, 5-CHLORO-4-(2-OXAZOLIDINYLIDENEAMINO)-

UPDT:8311 MW: 238.71 MOLFM: C9-H7-Cl-N4-S

SYN: 5-CHLORO-4-(2-OXAZOLIDINYLIDENEAMINO)-2,1,3-BENZOTHIADIAZOLE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 umol/plate	ENMUDM 5,527,83

BENZOTHIAMIDE see: CV5860000

DL0310000 1,5-BENZOTHIAZEPIN-4(5H)-ONE, 2,3-DIHYDRO-3-(ACETYLOXY)-5-(2-(DIMETHYLAMINO)ETHYL)-2-(4- METHOXYPHENYL)-, MONOHYDROCHLORIDE, cis-(+-)-

UPDT:8408 CAS: 33286-22-5 MW: 451.02 MOLFM: C22-H25-N2-O4-S · Cl-H

SYN: ANGINYL * CADIZEM * CARDIEM * CRD-401 * CRF 401 * DILTAZEM HYDROCHLORIDE * DILZEM * HERBESSER * TILDIEM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T59	ipr-rat TDLo:480 mg/kg (9-14D preg)	OFAJAE 52,103,75
2T25T46	ipr-rat TDLo:80 mg/kg (13D preg)	OFAJAE 52,103,75
1T25	ipr-mus TDLo:12500 ug/kg (11D preg)	OFAJAE 52,103,75
1T46	ipr-mus TDLo:75 mg/kg (9D preg)	OFAJAE 52,103,75
1T34	ipr-mus TDLo:50 mg/kg (9D preg)	OFAJAE 52,103,75
1T59	ipr-mus TDLo:50 mg/kg (13D preg)	OFAJAE 52,103,75
3T25T42T46	ipr-rbt TDLo:125 mg/kg (7-16D preg)	OFAJAE 52,103,75

TOXICITY DATA AND REFERENCES:

1F25	orl-rat LD50:560 mg/kg	JJPAAZ 22,467,72
1F25	scu-rat LD50:520 mg/kg	JJPAAZ 22,467,72
*	ivn-rat LD50:38 mg/kg	MEIEDD 10,466,83
1F25	orl-mus LD50:640 mg/kg	JJPAAZ 22,467,72
1F25	scu-mus LD50:260 mg/kg	JJPAAZ 22,467,72
1F25	ivn-mus LD50:58 mg/kg	JJPAAZ 22,467,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL0312500 1,5-BENZOTHIAZEPIN-4(5H)-ONE, 2,3-DIHYDRO-5-(2-(DIMETHYLAMINO)ETHYL)-3-HYDROXY-2-(p- HYDROXPHENYL)-, MONOHYDROCHLORIDE

UPDT:8306 CAS: 80862-08-2 MW: 394.95 MOLFM: C19-H23-N2-O3-S · Cl-H

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:122 mg/kg	CPBTAL 21,92,73

DL0313000 1,5-BENZOTHIAZEPIN-4(5H)-ONE, 2,3-DIHYDRO-5-(2-(DIMETHYLAMINO)ETHYL)-3-HYDROXY-2-(p- METHOXYPHENYL)-, ACETATE (ester), MONOHYDROCHLORIDE

UPDT:8306 CAS: 31953-10-1 MW: 427.00 MOLFM: C20-H26-N2-O4-S · Cl-H

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:64 mg/kg	CPBTAL 21,92,73

DL0313500 1,5-BENZOTHIAZEPIN-4(5H)-ONE, 2,3-DIHYDRO-5-(2-(DIMETHYLAMINO)ETHYL)-3-HYDROXY-2-(p- METHOXYPHENYL)-, MONOHYDROCHLORIDE, (Z)-

UPDT:8310 CAS: 80861-99-8 MW: 408.95 MOLFM: C20-H24-N2-O3-S · Cl-H

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:83 mg/kg	CPBTAL 21,92,73

DL0314000 1,5-BENZOTHIAZEPIN-4(5H)-ONE, 2,3-DIHYDRO-3-HYDROXY-2-(p-METHOXYPHENYL)-5-(2-(METHYLAMINO) ETHYL)-, MONOHYDROCHLORIDE

UPDT:8306 CAS: 80861-80-1 MW: 394.95 MOLFM: C19-H22-N2-O3-S · Cl-H

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:94 mg/kg	CPBTAL 21,92,73

BENZOTHIAZIDE see: DK8400000

DL0705000 2H-1,2-BENZOTHIAZINE-3-CARBOXAMIDE, 4-HYDROXY-2-METHYL-N-2-PYRIDINYL-, 1,1-DIOXIDE

UPDT:8409 CAS: 36322-90-4 MW: 331.37 MOLFM: C15-H13-N3-O4-S

SYN: CP-16171 * PIROXIM * 4-HYDROXY-2-METHYL-N-(2-PYRIDYL)-2H-1,2-BENZOTHIAZINE-3-CARBOXAMIDE 1,1-DIOXID (German) * 4-HYDROXY-2-METHYL-N-(2-PYRIDYL)-2H-1,2-BENZOTHIAZINE-3-CARBOXAMIDE 1,1-DIOXIDE * PIROXICAM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T16	orl-rat TDLo:35 mg/kg (15-21D preg)	TXCYAC 30,59,84
3T16T34T35	orl-rat TDLo:110 mg/kg (7-17D preg)	YACHDS 8,4655,80
3T71T75T76	orl-rat TDLo:110 mg/kg (7-17D preg)	YACHDS 8,4655,80
1T81	orl-rat TDLo:110 mg/kg (7-17D preg)	YACHDS 8,4655,80
1T72	orl-rat TDLo:55 mg/kg (7-17D preg)	YACHDS 8,4655,80
1T75	orl-rat TDLo:34 mg/kg (1-17D preg)	TXCYAC 30,59,84
1T34	orl-rbt TDLo:243 mg/kg (6-18D preg)	YACHDS 8,4655,80
1T35	orl-rbt TDLo:91.2 mg/kg (6-18D preg)	YACHDS 8,4655,80

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:216 mg/kg	ARZNAD 28,1714,78
3F07F17J25	ipr-rat LD50:335 mg/kg	YACHDS 8,4639,80
3F07F17J25	scu-rat LD50:148 mg/kg	YACHDS 8,4639,80
2F29Y55	ivn-rat LD50:400 mg/kg	ARZNAD 31,87,81

BEST COPY AVAILABLE

3F07F17J25 orl-mus LD50:350 mg/kg YACHDS 8.4639,80
3F07F17J25 ipr-mus LD50:350 mg/kg YACHDS 8.4639,80
3F07F17J25 scu-mus LD50:300 mg/kg YACHDS 8.4639,80
3F07F17J25 orl-dog LD50:108 mg/kg YACHDS 8.4639,80
3F07F17J25 orl-mky LD50:1000 mg/kg YACHDS 8.4639,80
3F07F17J25 orl-ham LD50:1180 mg/kg YACHDS 8.4639,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL0710500 2H-1,2-BENZOTHIAZINE-3-CARBOXAMIDE, 4-HYDROXY-2-METHYL-N-2-THIAZOLYL-, 1,1-DIOXIDE

UPDT:8405 CAS: 34042-85-8 MW: 337.39 MOLFM: C13-H11-N3-O4-S2
SYN: CP 15973 * 4-HYDROXY-2-METHYL-N-2-THIAZOLYL-2H-1,2-BENZOTHIAZINE-3-CARBOXAMIDE-1,1-DIOXIDE * SUDORICAM

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:136 mg/kg ARZNAD 28,1714,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL0713600 2H-1,4-BENZOTHIAZINE, 3,4-DIHYDRO-, MONOHYDROCHLORIDE

UPDT:8308 MW: 187.70 MOLFM: C8-H9-N-S-Cl-H
SYN: 872 * 3,4-DIHYDRO-2H-1,4-BENZOTHIAZINE HYDROCHLORIDE * DIIDROBENZO(1,4)TIAZINA CLORIDRATO (Italian)

TOXICITY DATA AND REFERENCES:
1C08 orl-mus LD50:800 mg/kg AIPTAK 89,55,52
1C08 ipr-mus LD50:300 mg/kg AIPTAK 89,55,52
2C08F19 ivn-rbt LDLo:200 mg/kg AIPTAK 89,55,52

DL0715000 2H-1,3-BENZOTHIAZINE-2,4(3H)-DIONE, 3-(2-(DIETHYLAMINO)ETHYL)-, HYDROCHLORIDE

UPDT:8305 MW: 314.86 MOLFM: C14-H18-N2-O2-S-Cl-H
SYN: 3-(2-(DIETHYLAMINO)ETHYL)-2H-1,3-BENZOTHIAZINE-2,4(3H)-DIONE HYDROCHLORIDE * 3-DIETHYLAMINOETHYL-3,4-DIHYDRO-1,3-BENZOTHIAZINE-2,4-DIONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2A11F17 ipr-mus LD50:110 mg/kg RPTOAN 45,64,82

DL0715300 2H-1,3-BENZOTHIAZINE-2,4(3H)-DIONE, 3-(2-(DIMETHYLAMINO)ETHYL)-, HYDROCHLORIDE

UPDT:8305 MW: 286.80 MOLFM: C12-H14-N2-O2-S-Cl-H
SYN: 3-(2-(DIMETHYLAMINO)ETHYL)-2H-1,3-BENZOTHIAZINE-2,4(3H)-DIONE HYDROCHLORIDE * 3-DIMETHYLAMINOETHYL-3,4-DIHYDRO-1,3-BENZOTHIAZINE-2,4-DIONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2A11F17 ipr-mus LD50:91 mg/kg RPTOAN 45,64,82

DL0715600 2H-1,3-BENZOTHIAZINE-2,4(3H)-DIONE, 3-(3-(DIMETHYLAMINO)PROPYL)-, HYDROCHLORIDE

UPDT:8305 MW: 299.83 MOLFM: C13-H16-N2-O2-S-Cl-H
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)-2H-1,3-BENZOTHIAZINE-2,4(3H)-DIONE HYDROCHLORIDE * 3-DIMETHYLAMINOPROPYL-3,4-DIHYDRO-1,3-BENZOTHIAZINE-2,4-DIONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2A11F17 ipr-mus LD50:150 mg/kg RPTOAN 45,64,82

2-BENZOTHIAZOLAMINE, 6-(2-(DIETHYLAMINO)ETHOXY)-N,N-DIMETHYL-, DIHYDROCHLORIDE (9CI) see: DL3580000

3(2H)-BENZOTHIAZOLEACETIC ACID, 4-CHLORO-2-OXO- (9CI) see: AF9700000

DL1680000 BENZOTHIAZOLE, 2-AMINO-5,6-DICHLORO-

UPDT:8412 CAS: 24072-75-1 MW: 219.09 MOLFM: C7-H4-Cl2-N2-S
SYN: 5,6-DICHLORO-2-BENZOTHIAZOLAMINE

STATUS:
NTP CARCINOGENESIS STUDIES, SELECTED, OCTOBER 1984

DL2100000 BENZOTHIAZOLE, 2-AMINO-6-METHOXY-

UPDT:8412 CAS: 1747-60-0 MW: 180.24 MOLFM: C8-H8-N2-O-S
SYN: 6-METHOXY-2-AMINOBENZOTHIAZOLE

MUTATION DATA AND REFERENCES:
mma-sat 600 nmol/L ENMUDM 3,11,81
dns-rat/lvr 10 umol/L ENMUDM 3,11,81

TOXICITY DATA AND REFERENCES:
orl-mus LD50:241 mg/kg TXAPA9 27,70,74
ivn-mus LD50:140 mg/kg JPETAB 105,486,52

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

DL2625000 BENZOTHIAZOLE, 2-AMINO-6-METHYL-

UPDT:8302 CAS: 2536-91-6 MW: 164.24 MOLFM: C8-H8-N2-S
SYN: 2-AMINO-6-METHYL BENZOTHIAZOLE * 6-METHYL-2-AMINOBENZOTHIAZOLE * SRF 1045

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:84 mg/kg JPETAB 105,486,52

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DL2760000 BENZOTHIAZOLE, 2-(p-AMINOPHENYL)-6-METHYL-

UPDT:8412 CAS: 92-36-4 MW: 240.34 MOLFM: C14-H12-N2-S
SYN: BENZENAMINE, 4-(6-METHYL-2-BENZOTHIAZOLYL)- (9CI) * DEHYDROTHIO-p-TOLUIDINE * 4-(6-METHYL-2-BENZOTHIAZOLYL)-BENZENAMINE

STATUS:
NTP CARCINOGENESIS STUDIES, SELECTED, OCTOBER 1984

DL2850000 BENZOTHIAZOLE, 2-(BENZYL(2-MORPHOLINOETHYL)AMINO)-6-METHOXY-, FUMARATE (1:1)

UPDT:8306 MW: 499.63 MOLFM: C21-H25-N3-O2-S, C4-H4-O4
SYN: 2-(BENZYL(2-MORPHOLINOETHYL)AMINO)-6-METHOXYBENZOTHIAZOLE FUMARATE (1:1)

TOXICITY DATA AND REFERENCES:
2F24F25 ipr-mus LD50:800 mg/kg APFRAD 35,295,77
2F24F25 ivn-mus LD50:100 mg/kg APFRAD 35,295,77

DL2853000 BENZOTHIAZOLE, 2-(BENZYL(2-PIPERIDINOETHYL)AMINO)-6-CHLORO-, FUMARATE (1:1)

UPDT:8306 MW: 502.07 MOLFM: C21-H24-Cl-N3-S, C4-H4-O4
SYN: 2-(BENZYL(2-PIPERIDINOETHYL)AMINO)-6-CHLOROBENZOTHIAZOLE FUMARATE (1:1)

TOXICITY DATA AND REFERENCES:
2F12F25 ipr-mus LD50:400 mg/kg APFRAD 35,295,77
2F12J25 ivn-mus LD50:100 mg/kg APFRAD 35,295,77

DL2856000 BENZOTHIAZOLE, 2-(BENZYL(2-PIPERIDINOETHYL)AMINO)-6-METHOXY-, FUMARATE (1:1)

UPDT:8306 MW: 497.66 MOLFM: C22-H27-N3-O-S, C4-H4-O4
SYN: 2-(BENZYL(2-PIPERIDINOETHYL)AMINO)-6-METHOXYBENZOTHIAZOLE FUMARATE (1:1)

TOXICITY DATA AND REFERENCES:
2F12F25 ipr-mus LD50:200 mg/kg APFRAD 35,295,77
2F12F25 ivn-mus LD50:75 mg/kg APFRAD 35,295,77

DL2940000 BENZOTHIAZOLE, 2-(BUTYLTHIO)-

UPDT:8408 CAS: 2314-17-2 MW: 223.37 MOLFM: C11-H13-N-S2
SYN: BUTYL eAPTAX * 2-BUTYLTHIOBENZOTHIAZOLE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1270 mg/kg 85GMAT ,29,82
* orl-mus LD50:1610 mg/kg 85GMAT ,29,82
* orl-rbt LD50:2344 mg/kg 85GMAT ,29,82

DL3580000 BENZOTHIAZOLE, 6-(2-DIETHYLAMINOETHOXY)-2-DIMETHYLAMINO-, DIHYDROCHLORIDE

UPDT:8311 CAS: 136-96-9 MW: 356.39 MOLFM: C15-H23-N3-O-S, 2Cl-H
SYN: AMIAZOL * AMIAZOL * AMYTAZOLUM * AUTEROL DIHYDROCHLORIDE * ATEUOR * 2-BENZOTHIAZOLAMINE, 6-(2-(DIETHYLAMINO)ETHOXY)-N,N-DIMETHYL-, DIHYDROCHLORIDE (9CI) * DIAMTHAZOLE DIHYDROCHLORIDE * DIAMZOL DIHYDROCHLORIDE * 6-(2-(DIETHYLAMINO)ETHOXY)-2-DIMETHYLAMINOBENZOTHIAZOLE DIHYDROCHLORIDE * DIMAZOLE HYDROCHLORIDE * MYCOTOL * RO 2-2453

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:880 mg/kg NIIRDN 6,342,82
* ipr-rat LD50:235 mg/kg NIIRDN 6,342,82
* scu-rat LD50:980 mg/kg NIIRDN 6,342,82
* orl-mus LD50:430 mg/kg NIIRDN 6,342,82
* ipr-mus LD50:183 mg/kg NIIRDN 6,342,82
* scu-mus LD50:375 mg/kg HBTXAC 5,26,59
1F29 ivn-mus LD50:98 mg/kg ANTCAO 4,56,54

DL3849500 BENZOTHIAZOLE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-

UPDT:8303 MW: 282.39 MOLFM: C15-H14-N4-S
SYN: 5-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZOTHIAZOLE

MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate MUREAV 93,67,82

DL3850000 BENZOTHIAZOLE, 6-((p-(DIMETHYLAMINO)PHENYL)AZO-

UPDT:8411 CAS: 18463-85-9 MW: 282.39 MOLFM: C15-H14-N4-S
SYN: 6-DIMETHYLAMINOPHENYLAZOBENZOTHIAZOLE * 6-DIMETHYLAMINOPHENYLAZOBENZOTHIAZOLE * 6-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZOTHIAZOLE * N,N-DIMETHYL-p-(6-BENZOTHIAZOLYLAZO)ANILINE * N,N-DIMETHYL-4(6-BENZOTHIAZOLYLAZO)ANILINE

MUTATION DATA AND REFERENCES:
mma-sat 800 ng/plate MUREAV 116,271,83

TUMORIGENIC DATA AND REFERENCES:
2V03J60 orl-rat TDLo:540 mg/kg 4W-C JMCMAR 11,1074,68
2V03J60 orl-rat TD :600 mg/kg 60D-C CALEDQ 21,69,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL4025000 BENZOTHIAZOLE, 7-((p-(DIMETHYLAMINO)PHENYL)AZO)-

UPDT:8401 CAS: 18599-95-7 MW: 282.39 MOLFM: C15-H14-N4-S
SYN: 7-((p-(DIMETHYLAMINO)PHENYL)AZO)-BENZOTHIAZOLE * N,N-DIMETHYL-p-(7-BENZTHIAZOLYLAZO)ANILINE * N,N-DIMETHYL-4(7-BENZTHIAZOLYLAZO)ANILINE

MUTATION DATA AND REFERENCES:
mma-sat 4 ug/plate MUREAV 93,67,82

TUMORIGENIC DATA AND REFERENCES:
2V03J60 orl-rat TDLo:1620 mg/kg 13W-C JMCMAR 11,1074,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL4200000 BENZOTHIAZOLE, 2-(p-(DIMETHYLAMINO)STYRYL)-

UPDT:8401 CAS: 1628-58-6 MW: 280.41 MOLFM: C17-H16-N2-S
SYN: 2-(p-(DIMETHYLAMINO)STYRYL)BENZOTHIAZOLE * 2-(4-DIMETHYLAMINOSTYRYL)BENZOTHIAZOLE

TUMORIGENIC DATA AND REFERENCES:
3V02R60T61 orl-rat TDLo:35 gm/kg 1Y-I JNCIAM 41,985,68

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, ADCSAJ 13,271,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL4400000 BENZOTHIAZOLE, 2-(3,5-DIMETHYL-1-PYRAZOLYL)-

UPDT:8312 CAS: 23615-60-3 MW: 229.32 MOLFM: C12-H11-N3-S
SYN: BENZOTHIAZOLE, 2-(3,5-DIMETHYL-1H-PYRAZOL-1-YL)- (10CI) * 1-BENZOTHIAZOLYL-3,5-DIMETHYLPYRAZOLE * 2-(3,5-DIMETHYL-1-PYRAZOLYL)BENZOTHIAZOLE

TOXICITY DATA AND REFERENCES:
2J30U26 ipr-mus LD50:3000 mg/kg PCJOAU 14,383,80

BENZOTHIAZOLE, 2-(3,5-DIMETHYL-1H-PYRAZOL-1-YL)- (10CI) see: DL4400000

BENZOTHIAZOLE DISULFIDE see: DL4550000

DL4550000 BENZOTHIAZOLE, 2,2'-DITHIOBIS-

UPDT:8401 CAS: 120-78-5 MW: 332.48 MOLFM: C14-H8-N2-S4
SYN: ALTAX * BENZOTHIAZOLE DISULFIDE * BENZOTHIAZOLYL DISULFIDE * 2-BENZOTHIAZOLYL DISULFIDE * BENZOTHIAZYL DISULFIDE * BIS(BENZOTHIAZOLYL) DISULFIDE * BIM-2 BENZOTHIAZYL) DISULFIDE * DI-2-BENZOTHIAZOLYL DISULFIDE * DIBENZOTHIAZYL DISULFIDE * 2,2'-DIBENZOTHIAZYL DISULFIDE * DIBENZOYLTHIAZYL DISULFIDE * DIBENZTHIAZYL DISULFIDE * 2,2'-DITHIOBISBENZOTHIAZOLE) * DWUSIARCZEK DWUBENZOTIAZYLU (Polish) * MBTS * MBTS RUBBER ACCELERATOR * 2-MERCAPTOBENZOTHIAZOLE DISULFIDE * 2-MERCAPTOBENZOTHIAZYL DISULFIDE * ROYAL MBTS * THIOFIDE

MUTATION DATA AND REFERENCES:
mma-mus/lym 15 mg/L ENMUDM 5,193,83

TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 orl-mus TDLo:172 gm/kg 78W-I NTIS** PB223,159

TOXICITY DATA AND REFERENCES:
orl-rat LD50:7 gm/kg RCTEA4 44,513,71
* ipr-rat LDLo:2250 mg/kg MEPAAX 16,35,65
orl-mus LD50:12 gm/kg TXAPA9 42,417,77
ipr-mus LDLo:100 mg/kg NTIS** AD277-689
* ivn-mus LD50:180 mg/kg CSLNX* NX#02251

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL5140000 BENZOTHIAZOLE, 6-METHOXY-2-(p-METHOXY-N-(2-MORPHOLINOETHYL)BENZYLAMINO)-, FUMARATE (1:1)

UPDT:8306 MW: 529.66 MOLFM: C22-H27-N3-O3-S, C4-H4-O4
SYN: 6-METHOXY-2-(p-METHOXY-N-(2-MORPHOLINOETHYL)BENZYLAMINO)BENZOTHIAZOLE FUMARATE (1:1)

TOXICITY DATA AND REFERENCES:
1F25 ipr-mus LD50:800 mg/kg APFRAD 35,295,77
1F25 ivn-mus LD50:100 mg/kg APFRAD 35,295,77

DL5143000 BENZOTHIAZOLE, 6-METHOXY-2-(p-METHOXY-N-(2-(1-PYRROLIDINYL)ETHYL)BENZYLAMINO)-, FUMARATE (1:1)

UPDT:8306 MW: 513.66 MOLFM: C22-H27-N3-O2-S, C4-H4-O4
SYN: 6-METHOXY-2-(p-METHOXY-N-(2-(1-PYRROLIDINYL)ETHYL)BENZYLAMINO)BENZOTHIAZOLE FUMARATE (1:1)

TOXICITY DATA AND REFERENCES:
2F12F25 ipr-mus LD50:150 mg/kg APFRAD 35,295,77
2F12F25 ivn-mus LD50:50 mg/kg APFRAD 35,295,77

DL5350000 BENZOTHIAZOLE, 6-METHOXY-2-(N-(2-PIPERIDINOETHYL)-p-METHOXYBENZYLAMINO)-, FUMARATE (1:1)

UPDT:8308 MW: 527.69 MOLFM: C23-H29-N3-O2-S, C4-H4-O4
SYN: 6-METHOXY-2-N-(2-PIPERIDINOETHYL)-p-METHOXYBENZYLAMINO)BENZOTHIAZOLE FUMARATE (1:1)

TOXICITY DATA AND REFERENCES:
2F12F25 ipr-mus LD50:500 mg/kg APFRAD 35,295,77
2F12F25 ivn-mus LD50:50 mg/kg APFRAD 35,295,77

DL5400000 BENZOTHIAZOLE, 5-METHOXY-2-(beta-(1-PYRROLIDINYL)-p-PHENETIDINO)-

UPDT:8407 CAS: 38519-94-7 MW: 369.52 MOLFM: C20-H23-N3-O2-S
SYN: 5-METHOXY-2-(p-(2-(1-PYRROLIDINYL)ETHOXY)ANILINO)BENZOTHIAZOLE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:670 mg/kg JMCMAR 15,523,72

BENZOTHIAZOLE, 2-(1-METHYLUREIDO)- see: YR8985000

DL5950000 BENZOTHIAZOLE, 2-(MORPHOLINOTHIO)-

UPDT:8405 CAS: 102-77-2 MW: 252.37 MOLFM: C11-H12-N2-O-S2
SYN: AMAX * 2-BENZOTHIAZOLYL N-MORPHOLINO SULFIDE * 2-BENZOTHIAZOLYLSULFENYL MORPHOLINE * 4-(2-BENZOTHIAZOLYLTHIO)MORPHOLINE * 2-(MORPHOLINOTHIO)BENZOTHIAZOLE * MORPHOLINYLMERCAPTOBENZOTHIAZOLE * 2-(4-MORPHOLINYLTHIO)BENZOTHIAZOLE * N-(OXYDIETHYLENE)BENZOTHIAZOLE-2-SULFENAMIDE * SANTOCURE MOR * SULFENAMIDE M * USAF CL-7 * VULCAFOR BSM

MUTATION DATA AND REFERENCES:
dnr-esc 10 ug/tube ENMUDM 5,193,83
mma-mus/lym 15 mg/L ENMUDM 5,193,83
otr-mus/emb 200 ug/L ENMUDM 5,193,83

BEST COPY AVAILABLE

msc-mus:lym 10 mg/L ENMUDM 5,193,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46 orl-rat TDLo:8096 mg/kg (1-20 preg) AOISDR 43,90,81

TUMORIGENIC DATA AND REFERENCES:

3V02J60L60 scu-mus TDLo:464 mg/kg NTIS** PB223-159

TOXICITY DATA AND REFERENCES:

orl-mus LD50:1870 mg/kg 20ZJAG -,64,68

ipr-mus LD50:100 mg/kg NTIS** AD277-689

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA SECTION 8(e) STATUS REPORT BEHQ-0280-0334

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL5992000 BENZOTHIAZOLE, 6-((p-PIPERIDINOPHENYL)AZO)-

UPDT 8312 MW: 322.46 MOLFM: C18-H18-N4-S

SYN: 6-((p-PIPERIDINOPHENYL)AZO)BENZOTHIAZOLE * 6-(4-N-PIPERIDINYLPHENYL)AZOBENZOTHIAZOLE

MUTATION DATA AND REFERENCES:

mma-sat 100 ug/plate CALEDQ 17,263,83

DL6120000 BENZOTHIAZOLE, 6-((p-(1-PYRROLIDINYL)PHENYL)AZO)-

UPDT 8312 MW: 308.43 MOLFM: C17-H16-N4-S

SYN: 6-((p-(1-PYRROLIDINYL)PHENYL)AZO)BENZOTHIAZOLE

MUTATION DATA AND REFERENCES:

mma-sat 20 ug/plate CALEDQ 17,263,83

DL6200000 2-BENZOTHIAZOLESULFENAMIDE, N-tert-BUTYL-

UPDT 8306 CAS: 95-31-8 MW: 206.33 MOLFM: C11-H14-N2-S

SYN: N-tert-BUTYL 2-BENZOTHIAZOLESULFENAMIDE * PENNAC TBBS

MUTATION DATA AND REFERENCES:

mma-mus:lym 40 mg/L ENMUDM 5,193,83

otr-mus:emb 35 mg/L ENMUDM 5,193,83

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:180 mg/kg CSLNX* NX#02241

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

DL6250000 2-BENZOTHIAZOLESULFENAMIDE, N-CYCLOHEXYL-

UPDT 8401 CAS: 95-33-0 MW: 264.43 MOLFM: C13-H16-N2-S2

SYN: N-CYCLOHEXYL 2-BENZOTHIAZOLESULFENAMIDE * DURAX * PENNAC CBS * SANTOCURE * SULFENAMIDE 1S

TUMORIGENIC DATA AND REFERENCES:

3V03L60P60 orl-mus TDLo:76 gm/kg/78W-I NTIS** PB223-159

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:32 mg/kg CSLNX* NX#02243

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL6420000 7-BENZOTHIAZOLESULFONIC ACID, 2-(p-AMINOPHENYL)-6-METHYL-

UPDT 8412 CAS: 130-17-6 MW: 320.40 MOLFM: C14-H12-N2-O3-S2

SYN: 2-(p-AMINOPHENYL)-6-METHYLBENZOTHIAZOLYL-7-SULFONIC ACID

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:178 mg/kg CSLNX* NX#00718

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

DL6475000 2-BENZOTHIAZOLETHIOL

UPDT 8412 CAS: 149-30-4 MW: 167.25 MOLFM: C7-H5-N-S2

SYN: CAPTAX * MBT * MERCAPTOBENZOTHIAZOLE * 2-MERCAPTOBENZOTHIAZOLE * 2-MERRAPTOBENZOTIAZOL (Polish) * NCI-C56519 * PENNAC MBT POWDER * ROTAX * SULFADENE * USAF GY-3 * USAF XR-29

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T42T50 scu-mus TDLo:4176 mg/kg (6-14D preg) NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:

3V03L60P60 orl-mus TDLo:35 gm/kg/78W-I NTIS** PB223-159

2V01P60 scu-mus TDLo:215 mg/kg NTIS** PB223-159

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1680 mg/kg MEPAAX 16,35,65

* ipr-rat LD50:300 mg/kg MEPAAX 16,35,65

* orl-mus LD50:1851 mg/kg VCTDC* 10/12/82

ipr-mus LD50:150 mg/kg NTIS** AD277-689

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JOCMA7 15(10),808,73

STATUS:

NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL7000000 2-BENZOTHIAZOLETHIOL, ZINC SALT (2:1)

UPDT 8401 CAS: 155-04-4 MW: 397.85 MOLFM: C14-H8-N2-S4-Zn

SYN: BIS(2-BENZOTHIAZOLYLTHIO)ZINC * BIS(MERCAPTOBENZOTHIAZOLATO)ZINC * HERMAT Zn-MBT * 2-MERCAPTOBENZOTHIAZOLE ZINC SALT * OXAF * PENNAC ZT * TISPERSE MB-58 * USAF GY-7 * VULKACIT ZM * ZENITE * ZENITE SPECIAL * ZETAX * ZINC 2-BENZOTHIAZOLETHIOLATE * ZINC BENZOTHIAZOLYL MERCAPTIDE * ZINC BENZOTHIAZOL-2-YLTHIOLATE * ZINC BENZOTHIAZYL 2-MERCAPTIDE * ZINC BIS(2-BENZOTHIAZOLETHIOLATO) * ZINC MERCAPTOBENZOTHIAZOLATE * ZINC 2-MERCAPTOBENZOTHIAZOLE * ZINC MERCAPTOBENZOTHIAZOLE SALT * ZMBT * ZnMB

TUMORIGENIC DATA AND REFERENCES:

2V01P60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:540 mg/kg VCTDC* 12/9/76

ipr-mus LD50:200 mg/kg NTIS** AD277-689

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-BENZOTHIAZOLINEACETIC ACID, 4-CHLORO-2-OXO- (8CI) see: AF9700000

2-BENZOTHIAZOLINONE, 5-CHLORO-3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)CARBONYLMETHYL- see: TL7050000

DL7041000 BENZOTHIAZOLIUM, 2-AMINO-6-METHOXY-3-METHYL-, CHLORIDE

UPDT 8412 MW: 230.73 MOLFM: C9-H11-N2-O-S-Cl

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984

(p-(2-BENZOTHIAZOLYL)BENZYL)PHOSPHONIC ACID DIETHYL ESTER see: SZ6576000

1-BENZOTHIAZOLYL-3,5-DIMETHYLPYRAZOLE see: DL4400000

BENZOTHIAZOLYL DISULFIDE see: DL4550000

2-BENZOTHIAZOLYL DISULFIDE see: DL4550000

N-(2-BENZOTHIAZOLYL)-N'-METHYL-N'-NITROSOUREA see: YR9050000

N-(2-BENZOTHIAZOLYL)-N'-METHYLUREA see: YR8985000

2-BENZOTHIAZOLYL N-MORPHOLINO SULFIDE see: DL5950000

2-BENZOTHIAZOLYLSULFENYL MORPHOLINE see: DL5950000

S-((2-BENZOTHIAZOLYLTHIO)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TD8300000

(2-BENZOTHIAZOLYLTHIO)METHYL THIOCYANATE see: XK8150000

4-(2-BENZOTHIAZOLYLTHIO)MORPHOLINE see: DL5950000

BENZOTHIAZYL DISULFIDE see: DL4550000

BENZO(B)THIEN-4-YL DIMETHYLCARBAMATE see: EZ9010000

4-BENZOTHIENYL METHYLCARBAMATE see: FB4725000

BENZO(b)THIEN-4-YL METHYLCARBAMATE see: FB4725000

15-(2-BENZO(b)THIENYL)-16,17,18,19,20-PENTANOR-PGF2-alpha METHYL ESTER see: MJ9651100

15-(2-BENZO(b)THIENYL)-16,17,18,19,20-PENTANORPROSTAGLANDIN F2-alpha METHYL ESTER see: MJ9651100

O-BENZO(B)THIEN-4-YL S-PROPYL METHYLPHOSPHONODITHIOATE see: TA7400000

BENZOTHIOAMIDE see: CV5860000

6,7-BENZOTHIONAPHTHENE see: QM0540000

DL9631000 BENZO(b)THIOPHENE, 2,3-DIPHENYL-6-METHOXY-

UPDT 8403 MW: 316.43 MOLFM: C21-H16-O-S

SYN: 2,3-DIPHENYL-6-METHOXYBENZO(b)THIOPHENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 orl-mus TDLo:450 mg/kg (4D pre/1-5D preg) JMCMAR 14,1185,71

1T13 orl-mus TDLo:120 mg/kg (3D pre) JMCMAR 14,1185,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL9693000 BENZO(b)THIOPHENE, 3-(p-METHOXYPHENYL)-5-NITRO-2-PHENYL-

UPDT 8403 CAS: 36266-70-3 MW: 361.43 MOLFM: C21-H15-N-O3-S

SYN: 3-(p-METHOXYPHENYL)-5-NITRO-2-PHENYLBENZO(b)THIOPHENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 orl-mus TDLo:450 mg/kg (4D pre/1-5D preg) JMCMAR 14,1185,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZO(b)THIOPHENE-4-OL, METHYLCARBAMATE see: FB4725000

DL9822000 BENZO(b)THIOPHEN-6-OL, 2,3-DIPHENYL-

UPDT 8403 MW: 302.40 MOLFM: C20-H14-O-S

SYN: 2,3-DIPHENYLBENZO(b)THIOPHEN-6-OL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 orl-mus TDLo:450 mg/kg (4D pre/1-5D preg) JMCMAR 14,1185,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

6-BENZOTHIOPURINE see: UO7512000

DL9860000 2H-(1)-BENZOTHIOPYRANO(4,3,2-cd)INDAZOLE-5-METHANOL, 8-CHLORO-2-(2-(DIETHYLAMINO)ETHYL-, MONOMETHANESULFONATE

UPDT 8306 CAS: 43047-59-2 MW: 484.07 MOLFM: C20-H22-Cl-N3-O-S C-H4-O3-S

SYN: IA-4

MUTATION DATA AND REFERENCES:

mma-sat 465 nmol/plate JPETAB 200,1,77

mma-sat 465 nmol/plate JPETAB 200,1,77

dnd-omi 220 umol/L JPETAB 186,385,73

dnd-omi 220 umol/L JPETAB 186,385,73

mma-nsc 20 umol/L JTEHD6 1,271,75

bfa-mus/sat 100 mg/kg JPETAB 200,1,77

hma-mus/sat 100 mg/kg JPETAB 200,1,77

TOXICITY DATA AND REFERENCES:

ivn-mus LD50:131 mg/kg JPETAB 186,402,73

ims-mus LD50:1560 mg/kg JPETAB 186,402,73

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DL9880000 2H-(1)BENZOTHIOPYRANO(4,3,2-cd)INDAZOLE-5-METHANOL, 8-CHLORO-2-(2-(DIETHYLAMINO)ETHYL)-, N-OXIDE

UPDT 8401 CAS: 54484-91-2 MW: 403.96 MOLFM: C20-H22-Cl-N3-O2-S

SYN: IA-4 N-OXIDE

MUTATION DATA AND REFERENCES:

mma-sat 492 nmol/plate JPETAB 200,1,77

mma-sat 492 nmol/plate JPETAB 200,1,77

sln-dmg-par 2800 umol/L MUREAV 82,111,81

bfa-mus/sat 200 mg/kg CNREA8 38,4478,78

hma-mus/sat 100 mg/kg JPETAB 200,1,77

TOXICITY DATA AND REFERENCES:

ims-mus LD50:3500 mg/kg JPETAB 200,1,77

STATUS:

★ !N EPA GENETIC TOXICOLOGY PROGRAM, 1984

DL9900000 (1)BENZOTHIOPYRANO(4,3-b)INDOLE, 2-CHLOROBENZO(e)-

UPDT 8401 CAS: 32226-65-6 MW: 319.81 MOLFM: C19-H10-Cl-N-S

SYN: 2-CHLOROBENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-mus TDLo:378 mg/kg/27W-I JNCIAM 46,1257,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL9920000 (1)BENZOTHIOPYRANO(4,3-b)INDOLE, 6,11-DIHYDRO-2-FLUORO-

UPDT 8401 MW: 255.32 MOLFM: C15-H10-F-N-S

SYN: 6,11-DIHYDRO-2-FLUORO-(1)BENZOTHIOPYRANO(4,3-b)INDOLE * THIOPYRANO(4,3-b)BENZ(e)INDOLE, 6,11-DIHYDRO-2-FLUORO-

MUTATION DATA AND REFERENCES:

mma-sat 100 ug/plate MUREAV 66,307,79

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL9940000 (1)BENZOTHIOPYRANO(4,3-b)INDOLE, 6,11-DIHYDRO-4-FLUORO-

UPDT 8401 MW: 255.32 MOLFM: C15-H10-F-N-S

SYN: THIOPYRANO(4,3-b)BENZ(e)INDOLE, 6,11-DIHYDRO-4-FLUORO-

MUTATION DATA AND REFERENCES:

mma-sat 90 ug/plate MUREAV 66,307,79

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-mus TDLo:78 mg/kg/9W-I MUREAV 66,307,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL9960000 (1)BENZOTHIOPYRANO(4,3-b)INDOLE, 2-FLUORO-

UPDT 8401 MW: 253.30 MOLFM: C15-H8-F-N-S

SYN: 2-FLUORO-(1)BENZOTHIOPYRANO(4,3-b)INDOLE * THIOPYRANO(4,3-b)BENZ(e)INDOLE, 2-FLUORO-

MUTATION DATA AND REFERENCES:

mma-sat 30 ug/plate MUREAV 66,307,79

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM0015000 (1)BENZOTHIOPYRANO(4,3-b)INDOLE, 4-FLUORO-

UPDT 8401 MW: 253.30 MOLFM: C15-H8-F-N-S

SYN: 4-FLUORO-(1)BENZOTHIOPYRANO(4,3-b)INDOLE * THIOPYRANO(4,3-b)BENZ(e)INDOLE, 4-FLUORO-

MUTATION DATA AND REFERENCES:

mma-sat 30 ug/plate MUREAV 66,307,79

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM0016300 1H-2-BENZOTHIOPYRAN-4-OL, 3,4-DIHYDRO-7-METHOXY-3-PHENYL-4-(4-(2-(1-PYRROLIDINYL)ETHOXY) PHENYL)-, HYDROCHLORIDE

UPDT 8403 CAS: 34289-02-6 MW: 498.12 MOLFM: C28-H31-N-O3-S Cl-H

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 orl-rat TDLo:900 ug/kg (4D pre/1-5D preg) JMCMAR 14,1185,71

BEST COPY AVAILABLE

1T22 orl-mus TDLo:2250 ug/kg (4D pre/1-5D preg) JMCMAR 14,1185,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM0016500 2H-1-BENZOTHIOPYRAN-4-OL, 3,4-DIHYDRO-7-METHOXY-3-PHENYL-4-(4-(2-(1-PYRROLIDINYL)ETHOXY) PHENYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 16879-01-9 MW: 498.12 MOLFM: C28-H31-N-O3-S Cl-H

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:1500 ug/kg (3D pre) JMCMAR 14,1185,71
1T22 orl-mus TDLo:90 mg/kg (4D pre/1-5D preg) JMCMAR 14,1185,71
1T13 orl-mus TDLo:1200 ug/kg (3D pre) JMCMAR 14,1185,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM0050000 6H-(1)BENZOTHIOPYRANO(4,3-b)QUINOLINE, 4-FLUORO-
UPDT:8401 MW: 267.33 MOLFM: C16-H10-F-N-S
SYN: 4-FLUORO-6H-(1)BENZOTHIOPYRANO(4,3-b)QUINOLINE

MUTATION DATA AND REFERENCES:
mma-sat 90 ug/plate MUREAV 66,307,79

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM0085000 6H-(1)BENZOTHIOPYRANO(4,3-b)QUINOLINE, 4-FLUORO-7-METHYL-
UPDT:8401 MW: 281.36 MOLFM: C17-H12-F-N-S
SYN: 4-FLUORO-7-METHYL-6H-(1)BENZOTHIOPYRANO(4,3-b)QUINOLINE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 66,307,79

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM0105000 6H-(1)BENZOTHIOPYRANO(4,3-b)QUINOLINE, 7-METHYL-
UPDT:8401 MW: 263.37 MOLFM: C17-H13-N-S
SYN: 7-METHYL-6H-(1)BENZOTHIOPYRANO(4,3-b)QUINOLINE

MUTATION DATA AND REFERENCES:
mma-sat 30 ug/plate MUREAV 66,307,79

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:72 mg/kg/9W-I MUREAV 66,307,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-1-BENZOTHIOPYRAN-7-SULFONAMIDE, 3,4-DIHYDRO-6-METHYL-, 1,1-DIOXIDE (9CI) see: XK6360000
BENZOTHIOZANE see: AE3850000
BENZOTHIOZON see: AE3850000

DM0450000 o-BENZOTOLUIDIDE, 3'-CHLORO-alpha-(METHYL((MORPHOLINOCARBONYL)METHYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 24600-36-0 MW: 438.39 MOLFM: C21-H24-Cl-N3-O3 Cl-H
SYN: 3'-CHLORO-alpha-(METHYL((MORPHOLINOCARBONYL)METHYL)AMINO)-o-BENZOTOLUIDIDE HYDROCHLORIDE * 3'-CHLORO-beta-(N-METHYL-N-((MORPHOLINOCARBONYL)METHYL)AMINOMETHYL)BENZANILIDE HYDROCHLORIDE * 3'-CHLORO-2'-(N-METHYL-N-((MORPHOLINOCARBONYL)METHYL)AMINOMETHYL)BENZANILIDE HYDROCHLORIDE * FOMINOBEN HYDROCHLORIDE * NOLEPTAN * OLEPTAN * PB-89 CHLORIDE * PB-89 HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T81 orl-rat TDLo:16500 mg/kg (7-17D preg) IYKEDH 9,724,78
1T12 orl-rat TDLo:90 gm/kg (9D pre) IYKEDH 9,736,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1250 mg/kg 85ESA3 9,544,76
* ipr-rat LD50:1000 mg/kg IYKEDH 14,297,83
* scu-rat LD50:11 gm/kg IYKEDH 14,297,83
* ivn-rat LD50:57 mg/kg IYKEDH 14,297,83
orl-mus LD50:2200 mg/kg 85ESA3 9,544,76
* ipr-mus LD50:630 mg/kg 85ESA3 9,544,76
1F01 scu-mus LD50:1770 mg/kg OYYAA2 8,1491,74
* ivn-mus LD50:130 mg/kg IYKEDH 14,297,83
* orl-dog LD50:3300 mg/kg IYKEDH 14,297,83
* ivn-dog LD50:300 mg/kg IYKEDH 14,297,83
* orl-rbt LD50:4800 mg/kg IYKEDH 9,736,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM0460000 o-BENZOTOLUIDIDE, N-(DIETHYLCARBAMOYLMETHYL)-
UPDT:8410 MW: 324.46 MOLFM: C20-H24-N2-O2

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:80 mg/kg YKKZAJ 81,659,61

BENZOTRIAZINEDITHIOPHOSPHORIC ACID DIMETHOXY ESTER see: TE1925000
BENZOTRIAZINE derivative of an ETHYL DITHIOPHOSPHATE see: TD8400000
BENZOTRIAZINE derivative of a METHYL DITHIOPHOSPHATE see: TE1925000
1,2,3-BENZOTRIAZIN-4(3H)-ONE, 3-(MERCAPTOMETHYL)-, O,O-DIMETHYL PHOSPHORODITHIOATE see: TE1925000
1,2,3-BENZOTRIAZOLE see: DM1225000

DM1225000 1H-BENZOTRIAZOLE
UPDT:8412 CAS: 95-14-7 MW: 119.14 MOLFM: C6-H5-N3
SYN: 1,2-AMINOZOPHENYLENE * AZIMIDOBENZENE * AZIMINOBENZENE * BENZENE AZIMIDE * BENZISOTRIAZOLE * 1,2,3-BENZOTRIAZOLE * BENZTRIAZOLE * COBRATEC #99 * 2,3-DIAZAINDOLE * NCI-C03521 * NSC 3058 * 1,2,3-TRIAZAINDENE * U-6233

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate IAPUDO 27,283,80
otr-rat:emb 94 ug/plate JJATDK 1,190,81

TUMORIGENIC DATA AND REFERENCES:
2V03A60 orl-rat TDLo:220 gm/kg/78W-I NCITR* NCI-CG-TR-88,78
3V03J60J61 orl-mus TDLo:770 gm/kg/78W-I NCITR* NCI-CG-TR-88,78

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg NCNSA6 5,22,53
ipr-mus LD50:1000 mg/kg CNCRA6 30,9,63
ivn-mus LD50:238 mg/kg JPETAB 105,486,52

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED:RESULTS INDEFINITE:MOUSE, RAT (NCITR* NCI-CG-TR-88,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM1500000 1H-BENZOTRIAZOLE, 5-NITRO-
UPDT:8312 CAS: 2338-12-7 MW: 164.14 MOLFM: C6-H4-N4-O2
SYN: 5-NITROBENZOTRIAZOL (DOT) * 5-NITROBENZOTRIAZOLE * UN 0385 (DOT)

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:250 mg/kg CSLNX* NX#00275
ivn-mus LD50:178 mg/kg CSLNX* NX#00275

STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102.83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENZOTRICHLORIDE see: XT9275000
BENZOTRICHLORIDE (DOT) see: XT9275000
BENZOTRIFLUORIDE see: XT9450000
BENZOTRIFLUORIDE (DOT) see: XT9450000
BENZOTRIFUROXAN see: DM2170000

DM1925000 BENZO(b)TRIPHENYLENE
UPDT:8412 CAS: 215-58-7 MW: 278.36 MOLFM: C22-H14
SYN: DIBENZ(a,c)ANTHRACENE * 1,2,3,4-DIBENZANTHRACENE * DIBENZO(a,c)ANTHRACENE * 1,2,3,4-DIBENZOANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate PNASA6 72,5135,75
dnd-esc 10 umol/L MUREAV 89,95,81
pic-esc 25 mg/L CNREA8 41,532,81
dnd-sal:tes 5 ug/1H-C BIJOAK 110,159,68
dnd-hmn:emb 360 nmol/L CBINAB 22,257,78
dnd-hmn:hla 10 umol/L MUREAV 89,95,81
dns-hmn:hla 100 nmol/L CNREA8 38,2621,78
msc-hmn:oth 100 nmol/L CRNGDP 1,765,80
dns-rat:lvr 50 umol/L ENMUDM 3,11,81
dnd-mus:lvr 6 umol/L JJINDB 62,947,79
dnd-mus-skn 1 gm/L CNREA8 27,1678,67
dnd-mus:ast 10 umol/L MUREAV 89,95,81
mma-ham:lng 40200 nmol/L MUREAV 46,27,77
otr-ham:emb 10 mg/L JNCIAM 42,867,69
dnd-ham:emb 360 nmol/L CBINAB 22,257,78
msc-ham:lng 1 mg/L PNASA6 73,188,76
msc-ham:fbr 1 mg/L DTESD7 8,121,80
dnd-mam:lym 100 umol BIPMAA 9,689,70

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:440 mg/kg/65W-I JNCIAM 44,641,70
2V03V10 scu-mus TDLo:12 mg/kg IJCNAW 32,765,83
3V03R60V10 skn-mus TD :40 mg/kg JNCIAM 44,1167,70
2V03R60 skn-mus TD :22 mg/kg CNREA8 40,1981,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 32,289,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM2000000 BENZO(b)TRIPHENYLENE, 9,14-DIHYDRO-
UPDT:8406 CAS: 35281-25-5 MW: 279.37 MOLFM: C22-H15
SYN: 9,14-DIHYDROBENZO(b)TRIPHENYLENE * 9,14-DIHYDRODIBENZ(a,c)ANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,311,78

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DM2100000 BENZO(b)TRIPHENYLENE, 10-METHYL-
UPDT:8401 CAS: 17278-93-2 MW: 292.39 MOLFM: C23-H16
SYN: DIBENZ(a,c)ANTHRACENE, 10-METHYL- * 10-METHYLDIBENZ(a,c)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I EJCAAH 4,123,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOTRIS(c)FURAZAN-2-OXIDE see: DM2170000

DM2170000 BENZO(1,2-c:3,4-c':5,6-c'')TRIS(1,2,5)OXADIAZOLE, 1,4,7-TRIOXIDE
UPDT:8403 CAS: 3470-17-5 MW: 252.12 MOLFM: C6-N6-O6
SYN: BENZENETRIFUROXAN * BENZOTRIFUROXAN * BENZOTRIS(c)FURAZAN-2-OXIDE * BTF

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** DE83013231
eye-rbt 100 mg/24H SEV NTIS** DE83013231
eye-rbt 100 mg/30S rns SEV NTIS** DE83013231

TOXICITY DATA AND REFERENCES:
3F07F15R21 orl-rat LD50:2884 mg/kg NTIS** DE83013231

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BENZOURACIL see: VA1390000
BENZO VIOLET N see: QA1420000
BENZOXACYCLOTETRADEC-11-EN-1-ONE, 14,16-DIHYDROXY-3-METHYL-7-OXO-, trans see: DM2550000

DM2520000 1H-2-BENZOXACYCLOTETRADECIN-1-ONE, 3,4,5,6,7,8,9,10,11,12-DECAHYDRO-7,14,16-TRIHYDROXY-3-METHYL-, (3S,7X)-
UPDT:8403 CAS: 26538-44-3 MW: 322.44 MOLFM: C18-H26-O5
SYN: 6-(6,10-DIHYDROXYUNDECYL)-beta-RESORCYLIC ACID mu-LACTONE * FRIDERON * MK-188 * P1496 * RALABOL * RALGRO * RALONE * ZEARALANOL * ZEARANOL * ZERANOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T71T75T81 orl-rat TDLo:52 mg/kg (6-18D preg) TJADAB 25,37,82
1T16 orl-rat TDLo:52 mg/kg (6-18D preg) TJADAB 25,37,82
2T25T34 orl-rat TDLo:52 mg/kg (6-18D preg) TJADAB 26,229,82
2T26T72 scu-mus TDLo:7 mg/kg (10-16D preg) TXAPA9 41,138,77
1T71 scu-mus TDLo:2100 ug/kg (10-16D preg) TXAPA9 41,138,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM2550000 1H-2-BENZOXACYCLOTETRADECIN-1-ONE, 3,4,5,6,7,8,9,10-OCTAHYDRO-14,16-DIHYDROXY-3-METHYL- 7-OXO-, (E)-
UPDT:8412 CAS: 17924-92-4 MW: 318.40 MOLFM: C18-H22-O5
SYN: BENZOXACYCLOTETRADEC-11-EN-1-ONE, 14,16-DIHYDROXY-3-METHYL-7-OXO-, trans * COMPOUND F 2 * F2 * FES * F-2 TOXIN * FUSARIUM TOXIN * 6-(10-HYDROXY-6-OXO-trans-1-UNDECENYL)-beta-RESORCYLIC ACID-N-LACTONE * MYCOTOXIN #2 * NCI-C50226 * RESORCYLIC ACID, 6-(10-HYDROXY-6-OXO-1-UNDECENYL)-, mu-LACTONE, trans * TOXIN F2 * ZEARALENONE * (-)-ZEARALENONE * (S)-ZEARALENONE * (1051-ZEARALENONE * trans-ZEARALENONE

IRRITATION DATA AND REFERENCES:
skn-gpg 50 mg/24H SEV JANCA2 57,1121,74

MUTATION DATA AND REFERENCES:
dnr-bcs 2500 mg/L IRLCDZ 7,204,79
mrc-bcs 100 ug/disc CNREA8 36,445,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:10 mg/kg (6-15D preg) BECTA6 15,678,76
3T34T19U01 orl-rat TDLo:100 mg/kg (6-15D preg) BECTA6 15,678,76
3T12T13T14 scu-rat TDLo:5 mg/kg (1D pre) ARTODN 50,279,82
1T35 orl-mus TDLo:20 mg/kg (9D preg) AVSCA7 22,524,81
1T81 orl-pig TDLo:123 mg/kg (6D pre/1-16W preg) AJVRAH 40,1260,79
1T22 orl-pig TDLo:492 mg/kg (17W pre) AJVRAH 40,1260,79
2T14T21 orl-pig TDLo:162 mg/kg (45D pre) CHDDAT 288,779,79
3T31T34T48 orl-pig TDLo:4700 ug/kg (1-80D preg) JANSAG 55,1,82
3T13T14T29 orl-pig TDLo:3 mg/kg (50D pre) JANSAG 55,1,82

TUMORIGENIC DATA AND REFERENCES:
3V02L60N60 orl-mus TDLo:8652 mg/kg/2Y-C NTPTR* NTP-TR-235,82
3V03L60N60 orl-mus TD :4326 mg/kg/2Y-C NTPTR* NTP-TR-235,82

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 31,279,83

TOXICITY DATA HAVE NOT BEEN EVALUATED

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 31,279,83
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE MOUSE (NTPTR* NTP-TR-235,82)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE,RAT (NTPTR* NTP-TR-235,82)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM2600000 1,2,3-BENZOXADIAZOLE, 5,7-DINITRO-
UPDT:8312 CAS: 87-31-0 MW: 210.12 MOLFM: C6-H2-N4-O5
SYN: DDNP * DIAZO * 2-DIAZO-4,6-DINITROBENZENE 1-OXIDE * DIAZODINITROPHENOL (DOT) * DIAZODINITROPHENOL, containing, by weight, at least 40% water (DOT) * DIAZODINITROPHENOL, dry (DOT) * 5,7-DINITRO-1,2,3-BENZODIAZOLE * INITIATING EXPLOSIVE DIAZODINITROPHENOL (DOT) * UN 0074 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
BENZOXALE see: US2800000
BENZOXAMATE see: DF9700000
2-BENZOXAXOLOL see: DM4905000
4H-3,1-BENZOXAZIN-2-AMINE, 6-CHLORO-N-ETHYL-4-METHYL-4-PHENYL- (9CI) see: DM3028000
2H-1,3-BENZOXAZINE-3(4H)-ACETAMIDE, 2-OXO- see: DM3300000

DM3028000 4H-3,1-BENZOXAZINE, 6-CHLORO-2-ETHYLAMINO-4-METHYL-4-PHENYL-
UPDT:8403 CAS: 21715-46-8 MW: 300.81 MOLFM: C17-H17-Cl-N2-O
SYN: 2-AETHYLAMINO-6-CHLOR-4-METHYL-4-PHENYL-4H-3,1-BENZOXAZIN (German) * 4H-3,1-BENZOXAZIN-2-AMINE, 6-CHLORO-N-ETHYL-4-METHYL-4-PHENYL- (9CI) * 6-CHLORO-2-ETHYLAMINO-4-METHYL-4-PHENYL-4H-3,1-BENZOXAZINE * ETIFOXIN * ETIFOXINE * HOE 36801
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1500 mg/kg THERAP 27,325,72
* ipr-rat LD50:292 mg/kg THERAP 27,325,72
* ivn-rat LD50:55 mg/kg THERAP 27,325,72
* orl-mus LD50:1388 mg/kg THERAP 27,325,72
* ipr-mus LD50:450 mg/kg THERAP 27,325,72
* ivn-mus LD50:120 mg/kg THERAP 27,325,72
* ivn-gpg LDLo:133 mg/kg THERAP 27,325,72

DM3097000 2H-1,4-BENZOXAZINE, 3,4-DIHYDRO-4-(1-PIPERIDINYLACETYL)-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 49830-98-0 MW: 296.83 MOLFM: C15-H20-N2-O2-Cl-H
SYN: BU 533 * 4-PIPERIDINOACETYL-3,4-DIHYDRO-2H-1,4-BENZOXAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F07J25 orl-rat LD50:200 mg/kg OYYAA2 8,481,74
2F07J25 ipr-rat LD50:90 mg/kg OYYAA2 8,481,74
2F07J25 scu-rat LD50:300 mg/kg OYYAA2 8,481,74
2F07J25 orl-mus LD50:230 mg/kg OYYAA2 8,481,74
2F07J25 ipr-mus LD50:110 mg/kg OYYAA2 8,481,74
2F07J25 scu-mus LD50:185 mg/kg OYYAA2 8,481,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM3110000 2H-1,3-BENZOXAZINE-2,4(3H)-DIONE
UPDT:8406 CAS: 2037-95-8 MW: 163.14 MOLFM: C8-H5-N-O3
SYN: BEAPRINE * CARSALAM * OXOPHENHYDROXAZINE * RUHMAL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:750 mg/kg JPPMAB 15(Suppl),97T,63
* orl-mus LD50:1000 mg/kg JPPMAB 15(Suppl),97T,63

DM3150000 4H-1,3-BENZOXAZINE-2-METHANAMINE, N,N,4,4-TETRAETHYL-, MONOHYDROCHLORIDE
UPDT:8402 CAS: 55709-93-8 MW: 310.91 MOLFM: C17-H26-N2-O-Cl-H
SYN: 2-DIETHYLAMINOMETHYL-4-DIETHYL-4H-1,3-BENZOXAZINE HYDROCHLORIDE * N,N,4,4-TETRAETHYL-4H-1,3-BENZOXAZINE-2-METHANAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1G30 ivn-mus LD50:142 mg/kg RPTOAN 44,72,81

DM3160000 2H-1,4-BENZOXAZINE, OCTAHYDRO-4-METHYL-8a-PHENYL-, (E)-
UPDT:8405 MW: 231.37 MOLFM: C15-H21-N-O
SYN: trans-4-METHYL-8a-PHENYLOCTAHYDRO-2H-1,4-BENZOXAZINE * trans-1-PHENYL-5-METHYL-2-OXA-5-AZABICYCLO(4.4.0)DECANE
TOXICITY DATA AND REFERENCES:
2F12U26 orl-mus LD50:600 mg/kg EJMCA5 18,563,83

DM3163000 2H-1,4-BENZOXAZINE, OCTAHYDRO-8a-PHENYL-, (E)-
UPDT:8405 MW: 217.34 MOLFM: C14-H19-N-O
SYN: trans-8a-PHENYLOCTAHYDRO-2H-1,4-BENZOXAZINE * trans-1-PHENYL-2-OXA-5-AZABICYCLO(4.4.0)DECANE
TOXICITY DATA AND REFERENCES:
2F12U26 orl-mus LC50:450 mg/kg EJMCA5 18,563,83

DM3300000 4H-1,3-BENZOXAZIN-2-ONE, 3-ACETAMIDE
UPDT:8405 CAS: 18464-39-6 MW: 206.22 MOLFM: C10-H10-N2-O3
SYN: 3-ACETAMIDE-4H-1,3-BENZOXAZIN-2-ONE * 2H-1,3-BENZOXINE-3(4H)-ACETAMIDE, 2-OXO- * 4H-3-CARBAMOYLMETHYL-1,3-BENZOXAZIN-2-ONE * CAROXAZONE * F-6654 * 4H-3-METHYLCARBOXAMIDE-3-BENZOXAZIN-2-ONE * 2-OXO-2H-1,3-BENZOXAZINE-3(4H)-ACETAMIDE * TIMOSTENIL
TOXICITY DATA AND REFERENCES:
orl-mus LD50:728 mg/kg 27ZQAG -,231,72

DM3300200 2H-1,4-BENZOXAZIN-3(4H)-ONE, 4-(ACETYLOXY)-7-METHOXY-
UPDT:8312 CAS: 72001-30-0 MW: 237.23 MOLFM: C11-H11-N-O5
SYN: 4-ACETOXY-7-METHOXY-2H-1,4-BENZOXAZIN-3(4H)-ONE * 4-(ACETYLOXY)-7-METHOXY-2H-1,4-BENZOXAZIN-3(4H)-ONE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 370 mg TELEAY 23,4055,82

4H-1,3-BENZOXAZIN-4-ONE, 6-AMINO-2-(2-CHLOROETHYL)-2,3-DIHYDRO- (8CI) see: DM3678700

DM3325000 2H-1,4-BENZOXAZIN-3-(4H)-ONE, 2,2-BIS(p-HYDROXYPHENYL)-, DIACETATE
UPDT:8403 CAS: 14008-48-1 MW: 417.44 MOLFM: C24-H19-N-O6
SYN: 2H-1,4-BENZOAZIN-3(4H)-ONE, 2,2-BIS(4-(ACETOXY)PHENYL)- * 2,2-BIS(4-ACETOXYPHENYL)-3-OXO-2,3-DIHYDROBENZ-1,4-OXAZINE * 2,2-BIS(4-(ACETYLOXY)PHENYL)-2H-1,4-BENZOXAZIN-3(4H)-ONE DIACETATE * 2,2-BIS(p-HYDROXYPHENYL)-2H-1,4-BENZOAZIN-3(4H)-ONE DIACETATE * BISOXATIN ACETATE * LAXONALIN * MARATAN * TALSIS * TASIS * WY 8138
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8000 mg/kg NIIRDN 6,609,82
orl-mus LD50:600 mg/kg TXAPA9 18,205,71

DM3678700 4H-1,3-BENZOXAZIN-4-ONE, 2,3-DIHYDRO-6-AMINO-2-(2-CHLOROETHYL)-
UPDT:8406 CAS: 3567-76-8 MW: 226.68 MOLFM: C10-H11-Cl-N2-O2
SYN: A 350 * AMINOCHLORTHENOXAZINE * 4H-1,3-BENZOXAZIN-4-ONE, 6-AMINO-2-(2-CHLOROETHYL)-2,3-DIHYDRO- (8CI) * 2-(beta-CHLOROETHYL)-2,3-DIHYDRO-4-OXO-6-AMINO-1,3-BENZOXAZINE * 2,3-DIHYDRO-6-AMINO-2-(2-CHLOROETHYL)-4H-1,3-BENZOXAZIN-4-ONE
TOXICITY DATA AND REFERENCES:
1Y55 orl-rat LD50:1958 mg/kg JPPMAB 16,502,64
ipr-rat LD50:1500 mg/kg ARZNAD 13,884,63
orl-mus LD50:10 gm/kg ARZNAD 13,884,63
ipr-mus LD50:1941 mg/kg ARZNAD 13,884,63

DM3678900 4H-1,3-BENZOXAZIN-4-ONE, 2,3-DIHYDRO-6-AMINO-2-(2-CHLOROETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 3443-15-0 MW: 263.14 MOLFM: C10-H11-Cl-N2-O2-Cl-H
SYN: A 350 * 6-AMINO-2-(2-CHLOROETHYL)-2,3-DIHYDRO-4H-1,3-BENZOXAZIN-4-ONE HYDROCHLORIDE * AMINOCHLORTHENOXAZIN HYDROCHLORIDE * 2-(beta-CHLOROETHYL)-2,3-DIHYDRO-4-OXO-6-AMINO-1,3-BENZOXAZINE HYDROCHLORIDE * IC1 350
TOXICITY DATA AND REFERENCES:
orl-rat LD50:619 mg/kg ARZNAD 14(2),124,64
ipr-rat LD50:607 mg/kg ARZNAD 13,884,63
orl-mus LD50:2250 mg/kg ARZNAD 13,884,63
ivn-mus LD50:293 mg/kg ARZNAD 13,884,63

DM3679000 4H-1,3-BENZOXAZIN-4-ONE, 2,3-DIHYDRO-6-AMINO-2-ETHYL-
UPDT:8406 MW: 192.24 MOLFM: C10-H12-N2-O2
SYN: A 302 * 2,3-DIHYDRO-6-AMINO-2-ETHYL-4H-1,3-BENZOXAZIN-4-ONE
TOXICITY DATA AND REFERENCES:
1Y55 orl-rat LD50:1890 mg/kg JPPMAB 16,502,64

DM3679100 4H-1,3-BENZOXAZIN-4-ONE, 2,3-DIHYDRO-6-AMINO-2-METHYL-
UPDT:8406 MW: 178.21 MOLFM: C9-H10-N2-O2
SYN: A 310 * 2,3-DIHYDRO-6-AMINO-2-METHYL-4H-1,3-BENZOXAZIN-4-ONE
TOXICITY DATA AND REFERENCES:
1Y55 orl-rat LD50:1415 mg/kg JPPMAB 16,502,64

DM3835000 4H-1,3-BENZOXAZIN-4-ONE, 2,3-DIHYDRO-2-ETHYL-
UPDT:8406 MW: 177.22 MOLFM: C10-H11-N-O2
SYN: A 301 * 2,3-DIHYDRO-2-ETHYL-4H-1,3-BENZOXAZIN-4-ONE
TOXICITY DATA AND REFERENCES:
1Y55 orl-rat LD50:1310 mg/kg JPPMAB 16,502,64

DM3836000 4H-1,3-BENZOXAZIN-4-ONE, 2,3-DIHYDRO-2-ISOPROPYL-
UPDT:8406 MW: 191.25 MOLFM: C11-H13-N-O2
SYN: A 319 * 2,3-DIHYDRO-2-ISOPROPYL-4H-1,3-BENZOXAZIN-4-ONE
TOXICITY DATA AND REFERENCES:
1Y55 orl-rat LD50:1850 mg/kg JPPMAB 16,502,64

DM3843200 4H-1,3-BENZOXAZIN-4-ONE, 2,3-DIHYDRO-2-METHYL-
UPDT:8406 CAS: 20602-57-7 MW: 163.19 MOLFM: C9-H9-N-O2
SYN: A 309 * 2,3-DIHYDRO-2-METHYL-4H-1,3-BENZOXAZIN-4-ONE
TOXICITY DATA AND REFERENCES:
1Y55 orl-rat LD50:1025 mg/kg JPPMAB 16,502,64

DM3858000 2H-1,4-BENZOXAZIN-3(4H)-ONE, HEXAHYDRO-4-METHYL-8a-PHENYL-, (E)-
UPDT:8403 MW: 245.35 MOLFM: C15-H19-N-O2
SYN: trans-4-METHYL-8a-PHENYLHEXAHYDRO-2H-1,4-BENZOXAZIN-3(4H)-ONE * trans-1-PHENYL-5-METHYL-2-OXA-5-AZABICYCLO(4.4.0)DECAN-4-ONE
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:170 mg/kg EJMCA5 18,563,83

DM3950000 4H-3,1-BENZOXAZIN-4-ONE, 2-PHENYL-
UPDT:8309 CAS: 1027-46-4 MW: 223.24 MOLFM: C14-H9-N-O2
SYN: BENITRANIL * M-170 * 2-PHENYL-3,1-BENZOXAZINONE (4)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1600 mg/kg FMCHA2 -,C30,83

DM4200000 1H-2,5-BENZOXAZOCINE, 5-METHYL-1-PHENYL-3,4,5,6-TETRAHYDRO-, HYDROCHLORIDE
UPDT:8403 CAS: 23327-57-3 MW: 289.83 MOLFM: C17-H19-N-O-Cl-H
SYN: ACUPAN * AJAN * FENAZOXINE HYDROCHLORIDE * NEFOPAM HYDROCHLORIDE * 5-METHYL-1-PHENYL-3,4,5,6-TETRAHYDRO-1H-2,5-BENZOXAZOCINE HYDROCHLORIDE * # 738 * SINALGICO
TOXICITY DATA AND REFERENCES:
orl-rat LD50:178 mg/kg 27ZQAG -,269,72
ivn-rat LD50:28 mg/kg 27ZQAG -,269,72
orl-mus LD50:119 mg/kg 27ZQAG -,269,72
ipr-mus LD50:70 mg/kg 27ZQAG -,269,72
ivn-mus LD50:45 mg/kg 27ZQAG -,269,72
ivn-dog LDLo:20 mg/kg TXAPA9 33,46,75
ims-dog LDLo:30 mg/kg TXAPA9 33,46,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM4447000 5-BENZOXAZOLEACETIC ACID, 2-(4-CHLOROPHENYL)-alpha-METHYL-
UPDT:8403 CAS: 51734-28-7 MW: 301.74 MOLFM: C16-H12-Cl-N-O3
SYN: BENOXAPROFEN * 2-(4-CHLOROPHENYL)-alpha-METHYL-5-BENZOXAZOLEACETIC ACID * COMPOUND 90459 * COXIGON * OPREN * ORAFLEX * UNIPROFEN
TOXICITY DATA AND REFERENCES:
3F17F19P25 orl-rat LD50:118 mg/kg YACHDS 9,4445,81
* ipr-rat LD50:129 mg/kg YACHDS 9,4445,81
* scu-rat LD50:121 mg/kg YACHDS 9,4445,81
orl-mus LD50:800 mg/kg JMCMAR 18,53,75
* ipr-mus LD50:398 mg/kg YACHDS 9,4445,81
* scu-mus LD50:482 mg/kg YACHDS 9,4445,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM4550000 BENZOXAZOLE, 2-AMINO-5-CHLORO-
UPDT:8305 CAS: 61-80-3 MW: 168.59 MOLFM: C7-H5-Cl-N2-O
SYN: 2-AMINO-5-CHLOROBENZOXAZOLE * 5-CHLORO-2-BENZOXAZOLAMINE * DEFLEXOL * FLEXILON * FLEXIN * MCN-485 * USAF MA-12 * ZOXAMIN * ZOXAZOLAMINE * ZOXINE
TOXICITY DATA AND REFERENCES:
1F20 orl-hmn TDLo:14 mg/kg/D JAMAAP 160,745,56
1E15 orl-rat LD50:782 mg/kg FEPRA7 16,319,57
ipr-rat LD50:102 mg/kg JPETAB 129,75,60
2F07F19 orl-mus LD50:540 mg/kg AIPTAK 128,112,60
ipr-mus LD50:100 mg/kg NTIS** AD277-689
ivn-mus LD50:376 mg/kg 29QHAQ -,246,74
1E15 ivn-dog LD50:117 mg/kg FEPRA7 16,319,57
orl-ham LD50:670 mg/kg JPETAB 129,75,60
ipr-ham LD50:268 mg/kg JPETAB 129,75,60
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DM4676000 4-BENZOXAZOLECARBOXYLIC ACID, 5-(METHYLAMINO)-2-((3,9,11-TRIMETHYL-8-(1-METHYL-2-OXO-2-(1H-PYRROL-2-YL)ETHYL)-1,7-DIOXASPIRO(5.5)UNDEC-2-YL)METHYL), (6S-(6-alpha(2S*,3S*),8-beta(R*), 9-beta,11-alpha))
UPDT:8309 CAS: 52665-69-7 MW: 523.69 MOLFM: C29-H37-N3-O6
SYN: A 23187 * ANTIBIOTIC A23187 * IONOPHORE A23187
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:10 mg/kg 37ASAA 3,47,78

DM4705000 BENZOXAZOLE, 5-CHLORO-2-((2-(DIETHYLAMINO)ETHYL)THIO)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 14627-04-4 MW: 321.29 MOLFM: C13-H17-Cl-N2-O-S-Cl-H
TOXICITY DATA AND REFERENCES:
2F12J25 ipr-mus LD50:230 mg/kg YKKZAJ 86,1072,66

DM4812500 BENZOXAZOLE, 2-(p-CHLOROPHENYL)-
UPDT:8310 CAS: 1141-35-1 MW: 229.67 MOLFM: C13-H8-Cl-N-O
SYN: 2-(p-CHLOROPHENYL)BENZOAZOLE
TOXICITY DATA AND REFERENCES:
orl-cat LD40:6000 mg/kg JACSAT 67,905,45

DM4816000 BENZOXAZOLE, 5-CHLORO-2-((2-(PIPERIDINOETHYL)THIO)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 14823-27-9 MW: 332.29 MOLFM: C14-H16-Cl-N2-O-S-Cl-H
TOXICITY DATA AND REFERENCES:
2F12J25 ipr-mus LD50:250 mg/kg YKKZAJ 86,1072,66

DM4821510 BENZOXAZOLE, 2-((2-(DIETHYLAMINO)ETHYL)THIO)-, HYDROCHLORIDE
UPDT:8410 MW: 286.85 MOLFM: C13-H18-N2-O-S-Cl-H

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:202 mg/kg YKKZAJ 84,983,64

DM4821515 BENZOXAZOLE, 2-((2-(DIETHYLAMINO)ETHYL)THIO)-5-METHOXY-, MONOHYDROCHLORIDE
UPDT:8411 CAS: 14627-03-3 MW: 316.88 MOLFM: C14-H20-N2-O2-S Cl-H
TOXICITY DATA AND REFERENCES:
2F12J25 ipr-mus LD50:188 mg/kg YKKZAJ 86,1072,66

BENZOXAZOLE, 2-HYDROXY- see: DM4905000

DM4849400 BENZOXAZOLE, 5-METHOXY-2-((2-PIPERIDINOETHYL)THIO)-, MONOHYDROCHLORIDE
UPDT:8411 CAS: 14627-02-2 MW: 328.89 MOLFM: C15-H20-N2-O2-S Cl-H
TOXICITY DATA AND REFERENCES:
2F12J25 ipr-mus LD50:166 mg/kg YKKZAJ 86,1072,66

DM4849500 BENZOXAZOLE, 6-METHOXY-2-((2-PIPERIDINOETHYL)THIO)-, MONOHYDROCHLORIDE
UPDT:8411 CAS: 14627-02-2 MW: 328.89 MOLFM: C15-H20-N2-O2-S Cl-H
TOXICITY DATA AND REFERENCES:
2F12J25 ipr-mus LD50:138 mg/kg YKKZAJ 86,1072,66

DM4866300 BENZOXAZOLE, 2-((2-PIPERIDINOETHYL)THIO)-, HYDROCHLORIDE
UPDT:8410 CAS: 3920-08-9 MW: 298.86 MOLFM: C14-H18-N2-O-S Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:151 mg/kg YKKZAJ 84,983,64

DM4870000 BENZOXAZOLE, 2-(beta-(1-PYRROLIDINYL)-p-PHENETIDINO)-
UPDT:8407 CAS: 38519-21-0 MW: 323.43 MOLFM: C19-H21-N3-O2
SYN: 2-(p-(2-(1-PYRROLIDINYL)ETHOXY)ANILINO)BENZOXAZOLE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:670 mg/kg JMCMAR 15,523,72

BENZOXAZOLINONE see: DM4905000

DM4905000 2-BENZOXAZOLINONE
UPDT:8305 CAS: 59-49-4 MW: 135.13 MOLFM: C7-H5-N-O2
SYN: BENZOXAZOLE, 2-HYDROXY- * BENZOXAZOLINONE * 2-BENZOXAXOLOL * BENZOXAZOLONE * 2(3H)-BENZOXAZOLONE * 2-HYDROXYBENZOXAZOLE * USAF EK-5429
TOXICITY DATA AND REFERENCES:
orl-rat LD50:700 mg/kg MDCHAG 4(1),308,64
* orl-mus LD50:830 mg/kg AIPTAK 94,211,53
ipr-mus LD50:400 mg/kg NTIS** AD277-689
orl-cat LD40:940 mg/kg JACSAT 67,905,45
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DM4907000 2-BENZOXAZOLINONE, 3-ACETYL-
UPDT:8305 CAS: 24963-28-8 MW: 177.17 MOLFM: C9-H7-N-O3
SYN: 3-ACETYL-2-BENZOXAZOLINONE * N-ACETYLBENZOXAZOLONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2730 mg/kg AIPTAK 94,211,53

DM4917000 2-BENZOXAZOLINONE, 3-ALLYL-
UPDT:8305 CAS: 13444-14-9 MW: 175.20 MOLFM: C10-H9-N-O2
SYN: 3-ALLYL-2-BENZOXAZOLINONE * N-ALLYLBENZOXAZOLONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:730 mg/kg AIPTAK 94,211,53

DM4919000 2-BENZOXAZOLINONE, 3-ALLYL-6-BROMO-5-CHLORO-
UPDT:8311 CAS: 20644-82-0 MW: 288.54 MOLFM: C10-H7-Br-Cl-N-O2
SYN: 3-ALLYL-6-BROMO-5-CHLORO-2-BENZOXAZOLINONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg JPMSAE 57,1763,68

DM5250000 2-BENZOXAZOLINONE, 5-CHLORO-
UPDT:8407 CAS: 95-25-0 MW: 169.57 MOLFM: C7-H4-Cl-N-O2
SYN: BIOMIORAN * 5-CHLORBENZOXAZOLIIN-2-ON * 6-CHLORO-2-BENZOXAZOLINONE * 5-CHLOROBENZOXAZOLIDONE * 5-CHLORO-2-BENZOXAZOLINONE * 5-CHLOROBENZOXAZOL-2-ONE * 5-CHLORO-3(H)-2-BENZOXAZOLONE * CHLOROXAZONE * CHLORZOXAZONE * MYOFLEXINE * PARAFLEX * SOLAXIN * USAF MA-10
TOXICITY DATA AND REFERENCES:
orl-rat LD50:763 mg/kg JPETAB 129,75,60
ipr-rat LD50:150 mg/kg JPETAB 129,75,60
orl-mus LD50:440 mg/kg ARZNAD 17,242,67
ipr-mus LD50:183 mg/kg ARZNAD 17,242,67
1F02 scu-mus LD50:170 mg/kg APTOA6 19,247,62
orl-ham LD50:662 mg/kg JPETAB 129,75,60
ipr-ham LD50:166 mg/kg JPETAB 129,75,60
ipr-mam LD50:550 mg/kg CHTPBA 6,65,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DM5266000 2-BENZOXAZOLINONE, 6-CHLORO-3-(2-PIPERIDINOETHYL)-, MONOHYDROCHLORIDE
UPDT:8411 CAS: 14627-26-0 MW: 317.24 MOLFM: C14-H17-Cl-N2-O2 Cl-H
TOXICITY DATA AND REFERENCES:
2F12J25 ipr-mus LD50:154 mg/kg YKKZAJ 86,1072,66

DM5271000 2-BENZOXAZOLINONE, 3-(2-(DIETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 3902-88-3 MW: 270.79 MOLFM: C13-H18-N2-O2 Cl-H
SYN: 3-(2-(DIETHYLAMINO)ETHYL)-2-BENZOXAZOLINONE HYDROCHLORIDE * N-DIETHYLAMINOETHYLBENZOXAZOLONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg AIPTAK 94,211,53
* ipr-mus LD50:221 mg/kg YKKZAJ 84,983,64

DM5271530 2-BENZOXAZOLINONE, 3-(3-(DIMETHYLAMINO)PROPYL)-5-(TRIFLUOROMETHYL)-, MONOPICRATE
UPDT:8311 CAS: 19420-42-9 MW: 517.42 MOLFM: C13-H15-F3-N2-O2 C6-H3-N3-O7
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)-5-(TRIFLUOROMETHYL)-2-BENZOXAZOLINONE PICRATE
TOXICITY DATA AND REFERENCES:
3F07F17J25 ipr-mus LD50:100 mg/kg JPMSAE 57,1763,68

DM5271600 2-BENZOXAZOLINONE, 3-ETHYL-
UPDT:8401 CAS: 30741-06-1 MW: 163.19 MOLFM: C9-H9-N-O2
SYN: 3-ETHYL-2-BENZOXAZOLINONE * N-ETHYLBENZOXAZOLONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1310 mg/kg AIPTAK 94,211,53
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DM5271800 2-BENZOXAZOLINONE, 3-(2-HYDROXYETHYL)-
UPDT:8305 CAS: 26726-75-0 MW: 179.19 MOLFM: C9-H9-N-O3
SYN: 3-(2-HYDROXYETHYL)-2-BENZOXAZOLINONE * N-HYDROXYETHYLBENZOXAZOLONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2730 mg/kg AIPTAK 94,211,53

DM5271810 2-BENZOXAZOLINONE, 6-(1-HYDROXYETHYL)-
UPDT:8311 CAS: 54903-17-2 MW: 179.19 MOLFM: C9-H9-N-O3
SYN: 2(3H)-BENZOXAZOLONE, 6-(1-HYDROXYETHYL)- (9CI) * 6-(1-HYDROXYETHYL)-2-BENZOXAZOLINONE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1500 mg/kg EJMCA5 9,497,74

DM5272400 2-BENZOXAZOLINONE, 6-(1-HYDROXY-2-PHENYLETHYL)-
UPDT:8311 CAS: 54903-20-7 MW: 255.29 MOLFM: C15-H13-N-O3
SYN: 2(3H)-BENZOXAZOLONE, 6-(1-HYDROXY-2-PHENYLETHYL)- * 6-(1-HYDROXY-2-PHENYLETHYL)-2-BENZOXAZOLINONE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1500 mg/kg EJMCA5 9,497,74

DM5272500 2-BENZOXAZOLINONE, 6-(HYDROXYPHENYLMETHYL)-
UPDT:8311 CAS: 54903-19-4 MW: 241.26 MOLFM: C14-H11-N-O3
SYN: 2(3H)-BENZOXAZOLONE, 6-(HYDROXYPHENYLMETHYL)- (9CI) * 6-(HYDROXYPHENYLMETHYL)-2-BENZOXAZOLINONE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1500 mg/kg EJMCA5 9,497,74

DM5272600 2-BENZOXAZOLINONE, 6-(1-HYDROXYPROPYL)-
UPDT:8311 CAS: 54903-18-3 MW: 193.22 MOLFM: C10-H11-N-O3
SYN: 2(3H)-BENZOXAZOLONE, 6-(1-HYDROXYPROPYL)- (9CI) * 6-(1-HYDROXYPROPYL)-2-BENZOXAZOLINONE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1500 mg/kg EJMCA5 9,497,74

DM5275430 2-BENZOXAZOLINONE, 5-METHOXY-3-(2-PIPERIDINOETHYL)-, MONOHYDROCHLORIDE
UPDT:8411 CAS: 14627-05-5 MW: 312.83 MOLFM: C15-H20-N2-O3 Cl-H
TOXICITY DATA AND REFERENCES:
2F12J25 ipr-mus LD50:190 mg/kg YKKZAJ 86,1072,66

DM5275450 2-BENZOXAZOLINONE, 3-METHYL-
UPDT:8305 CAS: 21892-80-8 MW: 149.16 MOLFM: C8-H7-N-O2
SYN: 2(3H)-BENZOXAZOLONE, 3-METHYL- (9CI) * 3-METHYL-2-BENZOXAZOLINONE * N-METHYLBENZOXAZOLONE * 3-METHYLBENZOXAZOLONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:890 mg/kg AIPTAK 94,211,53

DM5276540 2-BENZOXAZOLINONE, 3-(2-PIPERIDINOETHYL)-, HYDROCHLORIDE
UPDT:8411 CAS: 1218-14-0 MW: 282.80 MOLFM: C14-H18-N2-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:162 mg/kg YKKZAJ 84,983,64

DM5276550 2-BENZOXAZOLINONE, 3-(2-PROPYNYL)-
UPDT:8311 CAS: 19420-41-8 MW: 173.18 MOLFM: C10-H7-N-O2
SYN: 3-(2-PROPYNYL)-2-BENZOXAZOLINONE
TOXICITY DATA AND REFERENCES:
3F07F17J25 ipr-mus LD50:400 mg/kg JPMSAE 57,1763,68

DM5279000 2-BENZOXAZOLINONE, 5-(TRIFLUOROMETHYL)-
UPDT:8311 CAS: 14733-68-7 MW: 203.13 MOLFM: C8-H4-F3-N-O2
SYN: 5-(TRIFLUOROMETHYL)-2-BENZOXAZOLINONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg JPMSAE 57,1763,68

5-((3-BENZOXAZOLINYL-6-CHLORO-2-OXO)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TD5175000

BENZOXAZOLONE see: DM4905000

2(3H)-BENZOXAZOLONE see: DM4905000

2(3H)-BENZOXAZOLONE, 6-(1-HYDROXYETHYL)- (9CI) see: DM5271810

2(3H)-BENZOXAZOLONE, 6-(1-HYDROXY-2-PHENYLETHYL)- see: DM5272400

2(3H)-BENZOXAZOLONE, 6-(HYDROXYPHENYLMETHYL)- (9CI) see: DM5272500

2(3H)-BENZOXAZOLONE, 6-(1-HYDROXYPROPYL)- (9CI) see: DM5272600

2(3H)-BENZOXAZOLONE, 3-METHYL- (9CI) see: DM5275450

BENZOXINE see: ME8575000

BENZOXIQUINE see: VC4440000

DM5315000 BENZ(a)OXIRENO(c)ANTHRACENE
UPDT:8402 CAS: 790-60-3 MW: 242.28 MOLFM: C18-H10-O
SYN: BENZ(a)ANTHRACENE 5,6-OXIDE * BENZ(3,4)ANTHRA(1,2-b)OXIRENE (9CI) * BENZ(a)ANTHRACENE 5,6-EPOXIDE
MUTATION DATA AND REFERENCES:
dns-hmn:fbr 25 ug/L EXMDA4 350,58,75
cyt-hmn:fbr 1500 ng/L EXMDA4 350,58,75
otr-mus:oth 500 ug/L PNASA6 68,1098,71
dnd-mus:oth 1 mg/L CBINA8 4,389,71,72
oms-mus:oth 1 mg/L CBINA8 4,389,71,72
otr-ham:emb 1200 ug/L CNREAB 32,1391,72
dnd-ham:lng 1 mg/L CBINA8 4,389,71,72
oms-ham:lng 1 mg/L CBINA8 4,389,71,72
dns-ham:emb 2500 ug/L CBINA8 5,69,72
msc-ham:lng 5 mmol/L PNASA6 68,3195,71

2-BENZOXYL-2-((DIMETHYLAMINO)METHYL)-1-(DIMETHYLAMINO)BUTANE see: EL2380000

BENZOXYLINE see: VC4440000

3-BENZOXY-1-(2-METHYLPIPERIDINO)PROPANE see: TN3320000

3-BENZOXY-1-(2-METHYLPIPERIDINO)PROPANE HYDROCHLORIDE see: TN3325000

di-3-BENZOXY-1-(2-METHYLPIPERIDINO)PROPANE HYDROCHLORIDE see: TN3325000

BENZOXYQUINE see: VC4440000

BENZOYLACETIC ACID ETHYL ESTER see: AA4878000 ACETIC ACID, BENZOYL-, ETHYL ESTER

BENZOYL ALCOHOL see: DN3150000

BENZOYLAMIDE see: CU8700000

2-BENZOYLAMIDOFLUORENE-2'-CARBOXYLATE see: TH7175000

4-(BENZOYLAMINO)-BUTANOIC ACID see: ES7345000

gamma-BENZOYLAMINOBUTYRIC ACID see: ES7345000

4-BENZOYLAMINOBUTYRIC ACID see: ES7345000

5-(BENZOYLAMINO)-N-(p-CHLOROPHENYL)-3-METHYL-4-ISOTHIAZOLECARBOXAMIDE see: NX8155820

(+-)-alpha-(BENZOYLAMINO)-4-(2-(DIETHYLAMINO)ETHOXY)-N,N DIPROPYLBENZENEPROPANAMIDE see: DA8325600

BENZOYLAMINO-3,5-DIIODOBENZOIC ACID see: DG3495000

2-BENZOYLAMINO-3,5-DIIODOBENZOIC ACID see: CB2547000

BENZOYLAMINO-beta-beta DIMETHYLACRYLIC THIOL ACID see: MR8165000

(+-)-4-(BENZOYLAMINO)-5-(DIPROPYLAMINO)-5-OXOPENTANOIC ACID see: SA3680000

2-BENZOYLAMINOFLUORENE-2'-CARBOXYLATE see: TH7175000

4-((2-(BENZOYLAMINO)-3-(4-HYDROXYPHENYL)-1-OXOPROPYL)AMINO)BENZOIC ACID see: DG3700000

(S)-4-((2-(BENZOYLAMINO)-3-(4-HYDROXYPHENYL)-1-OXOPROPYL)AMINO)BENZOIC ACID see: DG3700000

2-(BENZOYLAMINO)-ISOQUINOLINIUM CHLORIDE see: NX5127000

alpha-BENZOYLAMINO-beta-(3-PYRIDYL)ACRYLIC ACID PIPERIDIDE see: CV5783000

alpha-BENZOYLAMINO-beta-(4-PYRIDYL)ACRYLIC ACID PIPERIDIDE see: CV5783010

3-BENZOYLAMINO-2,4,6-TRIIODOBENZOIC ACID see: DG3505000

DM6478940 BENZOYL AZIDE
UPDT:8308 CAS: 582-61-6 MW: 147.15 MOLFM: C7-H5-N3-O
SYN: BENZAZIDE * BENZOIC ACID AZIDE * BENZOYL AZIDE (DOT)
STANDARDS & REGULATIONS:
★ DOT HAZARD FORBIDDEN CFRGBR 49,172.101,82

BENZOYL AZIDE (DOT) see: DM6478940

N-2 (5-BENZOYL-BENZIMIDAZOLE) CARBAMATE DE METHYLE (French) see: EY8600000

5-BENZOYL-2-BENZIMIDAZOLECARBAMIC ACID METHYL ESTER see: EY8600000

N-(BENZOYL-5 BENZIMIDAZOLYL)-2 CARBAMATE DE METHYLE (French) see: EY8600000

(5-BENZOYL-1H-BENZIMIDAZOL-2-YL)-CARBAMIC ACID METHYL ESTER see: EY8600000

3-BENZOYLBENZOFURAN-5-YL HYDROPEROXYMETHYL KETONE see: OB1221400

N-BENZOYL-N',N''-BIS(beta-(6-METHYLURACIL-3)ETHYL)TRIAMIDE of PHOSPHORIC ACID DISODIUM SALT see: CV2357000 BENZAMIDE, N-(BIS(2-(2,6-DIOXO-4-METHYL-1,2,3,6-TETRAHYDRO-1-PYRIMIDINYL)ETHYL)PHOSPHINYL)-, DISODIUM SALT

DM6600000 BENZOYL CHLORIDE
UPDT:8412 CAS: 98-88-4 MW: 140.57 MOLFM: C7-H5-Cl-O
SYN: BENZALDEHYDE, alpha-CHLORO- * BENZENECARBONYL CHLORIDE * BENZOIC ACID, CHLORIDE * BENZOYL CHLORIDE (DOT) * alpha-CHLOROBENZALDEHYDE * UN 1736 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 58,11,78

BEST COPY AVAILABLE

TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 skn-mus TDlo:9200 mg/kg/50W-I GANNA2 72,655,81
2V03R60 skn-mus TD :17600 mg/kg/42W-I GANNA2 72,655,81
2V03J60 skn-mus TD :35200 mg/kg/42W-I GANNA2 72,655,81
TOXICITY DATA AND REFERENCES:
2D07J30 ihl-hmn TCLo:2 ppm/1M TGNCDL 2,31,61
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 29,83,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 29,83,82
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0582-0444;8EHQ-0980-0360;8EHQ-0777-0001, 8EHQ-0178-0041;8EHQ-0478-0138 P; 8EHQ-0578-0156;8EHQ-0678-0180
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOYL CHLORIDE (DOT) see: DM6600000

DM6640000 BENZOYL CHLORIDE, o-FLUORO-
UPDT:8405 CAS: 393-52-2 MW: 158.56 MOLFM: C7-H4-Cl-F-O
SYN: o-FLUOROBENZOYL CHLORIDE * 2-FLUOROBENZOYL CHLORIDE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate ENMUDM 5(Suppl 1),3,83
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#04779
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BENZOYL CHLORIDE, METHOXY- (9CI) see: CA0270000

DM6650000 BENZOYL CHLORIDE, m-NITRO-
UPDT:8412 CAS: 121-90-4 MW: 185.57 MOLFM: C7-H4-Cl-N-O3
SYN: m-NITROBENZOYL CHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2460 mg/kg AIHAAP 30,470,69
skn-rbt LD50:790 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZOYL CHLORIDE, (2,4,6-TRICHLOROPHENYL)HYDRAZONE see: DM6700000

DM6700000 BENZOYL CHLORIDE, alpha-(2,4,6-TRICHLOROPHENYL)HYDRAZONO-
UPDT:8309 CAS: 25939-05-3 MW: 334.03 MOLFM: C13-H8-Cl4-N2
SYN: BANAMITE * BENZOYL CHLORIDE (2,4,6-TRICHLOROPHENYL)HYDRAZONE * U-27,415
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:502 mg/kg FMCHA2 -,C23,83

3-BENZOYL-1-(m-CHLOROPHENYL)-2-THIOUREA see: YR9450000
BENZOYL CYANIDE O-(DIETHOXYPHOSPHINOTHIOYL)OXIME see: MD4740000
N-BENZOYL-N-(3,4-DICHLOROPHENYL)-L-ALANINE ETHYL ESTER see: UE7550000
BENZOYLDIETHYLAMINE see: CV4202000
N-BENZOYL-N',N',N'',N''-DIETHYLENETRIAMIDE of PHOSPHORIC ACID see: CV2350000
3'-BENZOYL-1,1-DIFLUORO-METHANESULFONANILIDE see: PB0507500
N-BENZOYL-3,5-DIIODOANTHRANILIC ACID see: CB2547000
2-BENZOYL-1-(3-(DIMETHYLAMINO)PROPYL)PYRROLE CITRATE see: OB2825000
2-BENZOYL-1,1-DIMETHYL-1-(2,3-DIMETHYL-2-HYDROXY-3-BUTENYL)HYDRAZINIUM see: MW0333200
2-BENZOYL-1,1-DIMETHYL-1-(2-HYDROXY-2-METHYL-3-BUTENYL)HYDRAZINIUM see: MW0333300
4-BENZOYL-3,5-DIMETHYL-N-NITROSOPIPERAZINE see: TK8230000
DL-N-BENZOYL-4-(DIPROPYLAMINO)GLUTARAMIC ACID see: MA2830000
N-BENZOYL-N',N'-DI-n-PROPYL-DL-ISOGLUTAMINE see: SA3680000
BENZOYLENEUREA see: VA1390000
BENZOYLGLYCINE see: MR8150000
m-BENZOYLHYDRATROPIC ACID see: UE7570000
3-BENZOYLHYDRATROPIC ACID see: UE7570000
BENZOYL HYDRAZIDE see: DH1575000
BENZOYLHYDRAZONE DAUNORUBICIN see: DG3345000
BENZOYLHYDROGEN PEROXIDE see: SD9280000
BENZOYL HYDROPEROXIDE see: SD9280000
3-BENZOYL-5-(HYDROPEROXYACETYL)BENZOFURAN see: DF6465050
BENZOYLHYDROXAMIC ACID see: DF9650000
N-BENZOYL-IMINO-ISOQUINOLINE see: NX5127000
1-BENZOYL-INDOLE-2,3-DIONE see: NL7874500
N-BENZOYLISATIN see: NL7874500
1-BENZOYLISATIN see: NL7874500
S-BENZOYL-2-MERCAPTOETHYLAMINE HYDROCHLORIDE see: DH6841000
N-BENZOYL-3-MERCAPTOTHIOVALINE see: YV9392000
BENZOYL METHIDE see: AM5250000
3-BENZOYL-alpha-METHYLBENZENEACETIC ACID see: UE7570000
1-(BENZOYL)-2-(alpha-METHYLBENZYL)HYDRAZINE see: MU8400000
BENZOYLMETHYLECGONINE see: YM2800000
O-BENZOYL-N-METHYL-N-(p-(PHENYLAZO)PENYL)HYDROXYLAMINE see: NC3020000
BENZOYL-gamma-(2-METHYLPIPERIDINE)-PROPANOL HYDROCHLORIDE see: TN3325000
BENZOYL-gamma-(2-METHYLPIPERIDINO)PROPANOL see: TN3320000
5-BENZOYL-alpha-METHYL-2-THIOPHENEACETIC ACID see: XM7580000
6-BENZOYL-2-NAPHTHOL see: OB4360000
N-BENZOYLOXY-ACETYLAMINOFLUORENE see: DG0350000
beta-BENZOYLOXYACROLEIN see: AS1108000
3-BENZOYLOXYACROLEIN see: AS1108000
N-(p-(BENZOYLOXY)BENZYLIDENE)ANTHRANILIC ACID see: CB2557100
1-BENZOYLOXY-3-CHLOROPROPAN-2-OL see: TY4203100
1-(4-BENZOYLOXYCYCLOHEXYL)-5-BUTYLPERHYDROPYRIMIDINE-2,4,5-TRIONE see: CQ2310910
BARBITURICACID, 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)-, BENZOATE (ester)
3-(BENZOYLOXY)ESTRA-1,3,5(10)-TRIEN-17-ONE see: KG8750000
N-BENZOYLOXY-N-ETHYL-4-AMINOAZOBENZENE see: DH0220000
2-BENZOYLOXY-ETHYLGUANIDINE NITRATE see: MF3570000
N-BENZOYLOXY-4'-ETHYL-N-METHYL-4-AMINOAZOBENZENE see: DH0220600
5-BENZOYLOXY-2-IMINOHEXAHYDROPYRIMIDINE HYDROCHLORIDE see: UW6170000
N-BENZOYLOXY-N-METHYL-4-AMINOAZOBENZENE see: NC3020000
6-BENZOYLOXYMETHYLBENZO(a)PYRENE see: DJ4825000
N-BENZOYLOXY-4'-METHYL-N-METHYL-4-AMINOAZOBENZENE see: DH3890000
7-BENZOYLOXYMETHYL-12-METHYLBENZ(a)ANTHRACENE see: CW9150000
BENZOYLOXYMETHYL-THIAMINE see: LQ0694000
(4-(BENZOYLOXY)-1-PROPYL-4-PIPERIDINYL)PHENYLMETHANONE conjugate monoacid see: PC4936500METHANONE, (4-(BENZOYLOXY)-1-PROPYL-4-PIPERIDINYL)PHENYL-, conjugate monoacid
3-BENZOYLOXY-PROPYLGUANIDINE HYDROCHLORIDE see: MF3620600
8-BENZOYLOXYQUINOLINE see: VC4440000
3-BENZOYLOXYQUINUCLIDINE HYDROCHLORIDE see: VD6250000
BENZOYLOXYTRIBUTYLSTANNANE see: WH6710000
BENZOYLOXYTRIPHENYLSTANNANE see: WH6710500
BENZOYLPEROXID (German) see: DM8575000

DM8575000 BENZOYL PEROXIDE
UPDT:8404 CAS: 94-36-0 MW: 242.24 MOLFM: C14-H10-O4
SYN: BENZOIC ACID, PEROXIDE * BENZOYLPEROXID (German) * BENZOYL PEROXIDE (DOT) * BENZOYLPEROXYDE (Dutch) * BENZOYL SUPEROXIDE * CADET * CADOX * DIBENZOYLPEROXID (German) * DIBENZOYL PEROXIDE * DIBENZOYLPEROXYDE (Dutch) * DRY AND CLEAR * EPI-CLEAR * LUCIDOL * NA 2085 (DOT) * OXYLITE * PANOXYL * PEROSSIDO DI BENZOILE (Italian) * PEROXYDE DE BENZOYLE (French) * PERSADOX * UN 2085 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,52,72
MUTATION DATA AND REFERENCES:
dnd-mus:oth 1 umol/L PAACA3 24,108,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:7710 mg/kg 28ZPAK -,52,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CMTVAS 10(3),49,73
★ TLV-TWA 5 mg/m3 DTLVS* 4,41,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg/m3 (SCP-R) FEREAC 39,23540,74
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BENZOYL PEROXIDE recm std-air:TWA 5 mg/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5008
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DM8576000 BENZOYL PEROXIDE, not less than 30% but not more than 52% with inert solid
UPDT:8404 CAS: 94-36-0 MW: 242.24 MOLFM: C14-H10-O4
SYN: BENZOYL PEROXIDE (DOT) * UN 2089 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5008
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DM8576200 BENZOYL PEROXIDE, more than 52% with inert solid
UPDT:8404 CAS: 94-36-0 MW: 242.24 MOLFM: C14-H10-O4
SYN: BENZOYL PEROXIDE (DOT) * UN 2085 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5008
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DM8577000 BENZOYL PEROXIDE, not more than 72% as a paste
UPDT:8404 CAS: 94-36-0 MW: 242.24 MOLFM: C14-H10-O4
SYN: BENZOYL PEROXIDE (DOT) * UN 2087 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5008
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DM8578000 BENZOYL PEROXIDE, not more than 77% with water
UPDT:8404 CAS: 94-36-0 MW: 242.24 MOLFM: C14-H10-O4
SYN: BENZOYL PEROXIDE (DOT) * UN 2090 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5008
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DM8579000 BENZOYL PEROXIDE, more than 72% but less than 95%
UPDT:8404 CAS: 94-36-0 MW: 242.24 MOLFM: C14-H10-O4
SYN: BENZOYL PEROXIDE, more than 72% but less than 95% as a paste (DOT) * BENZOYL PEROXIDE, more than 77% but less than 95% with water (DOT) * UN 2086 (DOT) * UN 2088 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5008
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BENZOYL PEROXIDE, more than 72% but less than 95% as a paste (DOT) see: DM8579000
BENZOYL PEROXIDE, more than 77% but less than 95% with water (DOT) see: DM8579000
BENZOYL PEROXIDE (DOT) see: DM8575000
BENZOYL PEROXIDE (DOT) see: DM8576000
BENZOYL PEROXIDE (DOT) see: DM8577000
BENZOYL PEROXIDE (DOT) see: DM8578000
BENZOYL PEROXIDE (DOT) see: DM8576200
BENZOYLPEROXYDE (Dutch) see: DM8575000
BENZOYLPHENYLCARBINOL see: DI1590000
2-(m-BENZOYLPHENYL)PROPIONIC ACID see: UE7570000
2-(3-BENZOYLPHENYL)PROPIONIC ACID see: UE7570000
N-BENZOYLPIPERIDIN (German) see: TM4600000
1-BENZOYLPIPERIDINE see: TM4600000
BENZOYLPROP ETHYL see: UE7550000
BENZOYLPSEUDOTROPEINE see: YM4200000
BENZOYLPSEUDOTROPINE see: YM4200000
1-(2-(2-BENZOYL-1-PYRROLIDINYL)-1-METHYLETHYL)PIPERIDINE CITRATE see: OB6398900
1-((2-BENZOYL-1-PYRROLYL)ACETYL)-4-METHYLPIPERAZINE MONOHYDROCHLORIDE see: TK8270000
1-(2-BENZOYL-1-PYRROLYL)-4-(DIETHYLAMINO)-2-BUTANONE CITRATE see: EL6690000
2-(1-BENZOYL-1-PYRROLYL)-5-(DIETHYLAMINO)-3-PENTANONE CITRATE see: SA8142200
1-(2-BENZOYL-1-PYRROLYL)-4-(DIETHYLAMINO)-2-PHENYL-2-BUTANONE CITRATE see: EL6692000
2-(2-BENZOYL-1-PYRROLYL)-1-(4-METHYL-1-PIPERAZINYL)-1-PROPANONE MONOHYDROCHLORIDE see: TK8271500
1-(2-BENZOYL-1-PYRROLYL)-4-MORPHOLINOBUTANONE MALEATE see: EL6694000
2-(1-BENZOYL-1-PYRROLYL)-5-MORPHOLINO-3-PENTANONE CITRATE see: SA8142250
4-(2-BENZOYLPYRROL-1-YL)-1-MORPHOLINO-3-PENTANONE CITRATE see: SA8142250
1-(2-BENZOYL-1-PYRROLYL)-4-MORPHOLINO-1-PHENYL)-2-BUTANONE CITRATE see: EL6696000
1-(2-(2-BENZOYL-1-PYRROLYL)-2-PHENYLACETYL)-4-METHYLPIPERAZINE MONOHYDROCHLORIDE see: TK8271000
1-(2-(2-BENZOYLPYRROL-1-YL)PROPIONYL)-4-METHYLPIPERAZINE HYDROCHLORIDE see: TK8271500
o-BENZOYL SULFIMIDE see: DE4200000
o-BENZOYL SULPHIMIDE see: DE4200000

BEST COPY AVAILABLE

BENZOYL SUPEROXIDE see: DM8575000
BENZOYLTHIOSEMICARBAZIDE see: VT3157000
1-BENZOYLTHIOSEMICARBAZIDE see: VT3157000
1-BENZOYL-3-THIO-SEMICARBAZIDE see: VT3157000
N-BENZOYL TMCA METHYL ETHER see: GH0790000
N-BENZOYL TRIMETHYL COLCHICINIC ACID METHYL ETHER see: GH0790000
N-BENZOYLTRIMETHYLCOLCHICINSAEUREMETHYLAETHER see: GH0790000
BENZOYL-psi-TROPEINE see: YM4200000
o-BENZOYLTROPINE see: YM4200000
p-((N-BENZOYL-L-TYROSIN)AMIDO)BENZOIC ACID see: DG3700000
BENZOYLTYROSYL-p-AMINOBENZOIC ACID see: DG3700000
N-BENZOYL-L-TYROSYL-p-AMINOBENZOIC ACID see: DG3700000
BENZPERIDOL see: DE1900000
BENZPERIDOL see: DE1925000
1,12-BENZPERYLENE see: DI6200500
BENZ(a)PHENANTHRENE see: GC0700000
1,2-BENZPHENANTHRENE see: GC0700000
2,3-BENZPHENANTHRENE see: CV9275000
3,4-BENZPHENANTHRENE see: DI8225000
9,10-BENZPHENANTHRENE see: YK2925000
BENZPHETAMINE BARBITURATE see: SG9618000
BENZPHETAMINE 6-NITROTHEOPHYLLINATE see: SG9635000
BENZPHETAMINE PAMOATE see: SG9630000
BENZPHETAMINE POLYGALACTURONATE see: SG9620000
BENZPHOS see: TD5175000
BENZPROPAMINE see: SI1750000
3,4-BENZPYREN (German) see: DJ3675000
BENZ(a)PYRENE see: DJ3675000
1,2-BENZPYRENE see: DJ4200000
3,4-BENZPYRENE see: DJ3675000
3,4-BENZ(a)PYRENE see: DJ3675000
3,4-BENZPYRENE-5-ALDEHYDE see: DJ4910000
3,4-BENZPYRENE-5-ALDEHYDE THIOSEMICARBAZONE see: DJ4917500
BENZ(a)PYRENE, 4-HYDROXY- see: DJ6392450
BENZ(a)PYRENE 4,5-OXIDE see: DJ7900000
1:2-BENZPYRENE PICRATE see: DJ7875000
BENZQUINAMIDE see: DK1575000
BENZQUINAMIDE HYDROCHLORIDE see: DK1650000
BENZTHIAZIDE see: DK8400000
BENZTRIAZOLE see: DM1225000
N-(2-BENZTHIAZOLYL)-N'-METHYLHARNSTOFF (German) see: YR8985000
BENZTHIAZURON see: YR8985000
BENZULFIDE see: TE0250000
BENZURIDE see: CV3680000
BENZURON see: CV3680000
BENZYDAMINE see: NK7790000
BENZYDAMINE HYDROCHLORIDE see: NK7875000
BENZYDROFLUMETHIAZIDE see: DK8225000
BENZYDYNA (Polish) see: DC9625000
BENZYFUROLINE see: GZ1310000
BENZYHYDRYLCYANIDE see: AL9800000
BENZYLACETALDEHYDE see: MW4890000
BENZYLACETAMIDE see: AB4546300
N-BENZYLACETAMIDE see: AB4546300
BENZYL ACETATE see: AP5075000
BENZYLACETONE see: EL9600000
N-BENZYL-N-(alpha-ACETOXYBENZYL)NITROSAMINE see: DN8580000
N-BENZYL-N-(ACETOXYMETHYL)NITROSAMINE see: PC1770000

DN3150000 BENZYL ALCOHOL
UPDT:8412 CAS: 100-51-6 MW: 108.15 MOLFM: C7-H8-O
SYN: BENZAL ALCOHOL * BENZENECARBINOL * BENZENEMETHANOL * BENZOYL ALCOHOL * alpha-HYDROXYTOLUENE * METHANOL, PHENYL- * NCI-C06111 * PHENOLCARBINOL * PHENYLCARBINOL * PHENYLMETHANOL * PHENYLMETHYL ALCOHOL * alpha-TOLUENOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AMIHBC 4,119,51
	eye-rbt 750 ug open SEV	AMIHBC 4,119,51
	skn-pig 100% MOD	FCTXAV 11,1011,73

TOXICITY DATA AND REFERENCES:

3F07F13F24	orl-rat LD50:1230 mg/kg	FCTXAV 2,327,64
	ihl-rat LCLo:1000 ppm/8H	AMIHBC 4,119,51
	ipr-rat LDLo:400 mg/kg	14CYAT 2,1409,63
	scu-rat LDLo:1700 mg/kg	RMSRA6 15,561,1895
	ivn-rat LD50:64 mg/kg	TXAPA9 18,60,71
1F07	orl-mus LD50:1580 mg/kg	FCTXAV 2,327,64
*	ivn-mus LD50:324 mg/kg	AIPTAK 135,330,62
	ivn-dog LDLo:50 mg/kg	TXAPA9 18,60,71
	par-dog LDLo:9 mg/kg	TXAPA9 25,153,73
	skn-cat LDLo:10 gm/kg	JPETAB 84,358,45
	ivn-cat LDLo:60 mg/kg	JPETAB 16,1,20
	orl-rbt LD50:1040 mg/kg	JPETAB 84,358,45
	skn-rbt LD50:2000 mg/kg	NPIRI* 1,6,74
	ipr-gpg LDLo:400 mg/kg	14CYAT 2,1409,63
	orl-bwd LD50:100 mg/kg	TXAPA9 21,315,72

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DN3160000 BENZYL ALCOHOL, alpha-(alpha-AMINOBENZYL)-, HYDROCHLORIDE
UPDT:8412 CAS: 5959-42-2 MW: 249.76 MOLFM: C14-H15-N-O Cl-H
SYN: DIPHENYLETHANOLAMINE HYDROCHLORIDE * ETHANOL, 2-AMINO-1,2-DIPHENYL-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F12F23	scu-mus LDLo:336 mg/kg	JAPMA8 39,354,50
	ivn-rbt LDLo:60 mg/kg	JACSAT 52,3317,30
	scu-gpg LDLo:450 mg/kg	JACSAT 52,3317,30

DN3170000 BENZYL ALCOHOL, p-AMINO-alpha-((sec-BUTYLAMINO)METHYL)-
UPDT:8406 MW: 208.34 MOLFM: C12-H20-N2-O
SYN: p-AMINO-alpha-((sec-BUTYLAMINO)METHYL)BENZYL ALCOHOL * 1-p-AMINOPHENYL-2-sec-BUTYLAMINOETHANOL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:650 mg/kg	JPPMAB 15,26,63
1H02	ivn-rat LD50:120 mg/kg	JPPMAB 15,26,63

DN3180000 BENZYL ALCOHOL, 4-AMINO-alpha-((tert-BUTYLAMINO)METHYL)-3,5-DICHLORO-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 21898-19-1 MW: 313.68 MOLFM: C12-H18-Cl2-N2-O Cl-H
SYN: 4-AMINO-alpha-((tert-BUTYLAMINO)METHYL)-3,5-DICHLOROBENZYLALKOHOL HYDROCHLORID (German) * 4-AMINO-alpha-((tert-BUTYLAMINO)METHYL)-3,5-DICHLOROBENZYL ALCOHOL HYDROCHLORIDE * CLENBUTEROL HYDROCHLORIDE * NAB 365 * NAB 365CI * SPIROPENT * VENTIPULMIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T76	orl-rat TDLo:203 mg/kg (15-22D preg/21D post)	ARZNAD 26,1427,76
2T02T03	orl-rat TDLo:182 mg/kg (26W male)	OYYAA2 9,675,75
1T12	orl-rat TDLo:182 mg/kg (26W pre)	OYYAA2 9,675,75
1T02	orl-mus TDLo:70 mg/kg (28D male)	OYYAA2 9,675,75
1T12	orl-mus TDLo:70 mg/kg (28D pre)	OYYAA2 9,675,75

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:315 mg/kg	ARZNAD 26,1420,76
3F23G10J26	ipr-rat LD50:67 mg/kg	OYYAA2 9,675,75
*	scu-rat LD50:158 mg/kg	ARZNAD 26,1420,76
*	ivn-rat LD50:35300 ug/kg	ARZNAD 26,1420,76
*	orl-mus LD50:176 mg/kg	ARZNAD 26,1420,76
3F23G10J26	ipr-mus LD50:46 mg/kg	OYYAA2 9,675,75
*	scu-mus LD50:97 mg/kg	ARZNAD 26,1420,76
*	ivn-mus LD50:27600 ug/kg	ARZNAD 26,1420,76
*	orl-dog LDLo:500 mg/kg	ARZNAD 26,1420,76
*	ivn-dog LD'o:45 mg/kg	ARZNAD 26,1420,76
*	scu-rbt LD50:67100 ug/kg	ARZNAD 26,1404,76
*	ivn-rbt LD50:12600 ug/kg	ARZNAD 26,1404,76
*	orl-gpg LD50:67100 ug/kg	ARZNAD 26,1420,76
*	scu-gpg LD50:74 mg/kg	ARZNAD 26,1404,76
*	ivn-gpg LD50:12600 ug/kg	ARZNAD 26,1420,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZYL ALCOHOL, alpha-(1-AMINOETHYL)- see: RC2275000

DN3870000 BENZYL ALCOHOL, alpha-(1-AMINOETHYL)-2,5-DIMETHOXY-
UPDT:8312 CAS: 390-28-5 MW: 211.29 MOLFM: C11-H17-N-O3
SYN: METHOXAMIN * METHOXAMINE * PSEUDOMETHOXAMINE

TOXICITY DATA AND REFERENCES:

1G30	ipr-mus LD50:69 mg/kg	JPETAB 160,22,68

DN4025000 BENZYL ALCOHOL, alpha-(1-AMINOETHYL)-2,5-DIMETHOXY-, HYDROCHLORIDE
UPDT:8403 CAS: 61-16-5 MW: 247.75 MOLFM: C11-H17-N-O3 Cl-H
SYN: 2-AMINO-1-(2,5-DIMETHOXYPHENYL)-1-PROPANOL HYDROCHLORIDE * alpha-(1-AMINOETHYL)-2,5-DIMETHOXYBENZYL ALCOHOL HYDROCHLORIDE * beta-(2,5-DIMETHOXYPHENYL)-beta-HYDROXYISOPROPYLAMINE HYDROCHLORIDE * beta-HYDROXY-beta-(2,5-DIMETHOXYPHENYL)-ISOPROPYLAMINE HYDROCHLORIDE * METHOXAMINE HYDROCHLORIDE * PRESSOMIN HYDROCHLORIDE * VASOXINE * VASOXINE HYDROCHLORIDE * VASOXYL HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T01T23T26	ihl-rat TDLo:400 mg/kg (21D male)	JRPFA4 58,19,80

TOXICITY DATA AND REFERENCES:

	orl-mus LDLo:135 mg/kg	27ZIAQ -,160,73
*	ipr-mus LD50:92 mg/kg	NIIRDN 6,836,82
3F12J22J30	ivn-mus LD50:5030 ug/kg	EJPHAZ 9,289,70
	unk-mus LD50:92 mg/kg	JPETAB 92,283,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DN4199900 BENZYL ALCOHOL, alpha-(1-AMINOETHYL)-, HYDROCHLORIDE
UPDT:8308 MW: 187.69 MOLFM: C9-H13-N-O Cl-H
SYN: alpha-(1-AMINOETHYL)BENZYL ALCOHOL HYDROCHLORIDE * 2-AMINO-1-PHENYLPROPANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2380 mg/kg	TXAPA9 28,313,74

DN4200000 BENZYL ALCOHOL, alpha-(1-AMINOETHYL)-, HYDROCHLORIDE, (+)-
UPDT:8403 CAS: 154-41-6 MW: 187.69 MOLFM: C9-H13-N-O Cl-H
SYN: alpha-(1-AMINOETHYL)BENZENEMETHANOL HYDROCHLORIDE * alpha-(1-AMINOETHYL)BENZYL ALCOHOL HYDROCHLORIDE * (+)-2-AMINO-1-PHENYL-1-PROPANOL HYDROCHLORIDE * BENZENEMETHANOL, alpha-(1-AMINOETHYL)-, HYDROCHLORIDE, (R*,S*)-, (+)- * alpha-HYDROXY-beta-AMINOPROPYLBENZENE HYDROCHLORIDE * MONYDRIN * MUCORAMA * MYDRIATINE * dl-NOREPHEDRINE HYDROCHLORIDE * OBESTAT * DL-1-PHENYL-2-AMINO-1-PROPANOL MONOHYDROCHLORIDE * PHENYLPROPANOLAMINE HYDROCHLORIDE * PROPADRINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	scu-mus TDLo:6400 ug/kg (16D preg)	PRGLBA 2,295,72

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1490 mg/kg	TXAPA9 18,185,71
	ipr-rat LD50:160 mg/kg	JPETAB 86,284,46
	scu-rat LDLo:80 mg/kg	JPETAB 71,62,41
	orl-mus LD50:150 mg/kg	THERAP 20,297,65
	ipr-mus LD50:428 mg/kg	JPETAB 92,207,48
	scu-mus LD50:600 mg/kg	JPETAB 86,280,46
	scu-rbt LD50:255 mg/kg	JPETAB 86,284,46
	ivn-rbt LD50:50 mg/kg	JPETAB 86,284,46
	ims-rbt LD50:320 mg/kg	JPETAB 86,284,46

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DN5235000 BENZYL ALCOHOL, alpha-(1-AMINOETHYL)-2-METHOXY-5-METHYL-, HYDROCHLORIDE
UPDT:8303 MW: 231.75 MOLFM: C11-H17-N-O2 Cl-H
SYN: alpha-(1-AMINOETHYL)-2-METHOXY-5-METHYLBENZYL ALCOHOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:42 mg/kg	CPBTAL 11,518,63

DN5600000 BENZYL ALCOHOL, m-AMINO-alpha-METHYL-
UPDT:8407 CAS: 2454-37-7 MW: 137.20 MOLFM: C8-H11-N-O
SYN: 3-AMINO-alpha-METHYLBENZYL ALCOHOL

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg open	AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3100 mg/kg	AMIHBC 10,61,54

DN5950000 BENZYL ALCOHOL, alpha-(AMINOMETHYL)-3,4-DIHYDROXY-, (-)-
UPDT:8411 CAS: 51-41-2 MW: 169.20 MOLFM: C8-H11-N-O3
SYN: ADRENOR * ARTAMIN * 1-2-AMINO-1-(3,4-DIHYDROXYPHENYL)ETHANOL * l-alpha-(AMINOMETHYL)-3,4-DIHYDROXYBENZYL ALCOHOL * (-)-alpha-(AMINOMETHYL)PROTOCATECHUYL ALCOHOL * ARTERENOL * l-ARTERENOL * 1,2-BENZENEDIOL, 4-(2-AMINO-1-HYDROXYETHYL)-, (R)- (9CI) * l-1-(3,4-DIHYDROXYPHENYL)-2-AMINOETHANOL * l-3,4-DIHYDROXYPHENYLETHANOLAMINE * LEVARTERENOL * LEVOARTERENOL * LEVONORADRENALINE * LEVONOREPINEPHRINE * LEVOPHED * (-)-NORADREC * NORADRENALIN * NORADRENALINA (Italian) * NORADRENALINE * (-)-NORADRENALINE * D-(-)-NORADRENALINE * l-NORADRENALINE * NORADRENLINE * NORARTRINAL * NOREPINEPHRINE * (-)-NOREPINEPHRINE * l-NOREPINEPHRINE * L-NOREPINEPHRINE * NOREPIRENAMINE * SYMPATHIN E

MUTATION DATA AND REFERENCES:

	cyt-slw-par 10 mmol/L	ENZYAS 41,183,71
	dni-hmn:oth 5800 nmol/L	CNREA8 40,1414,80
	dnd-rat:lng 25 umol/L	ABCHA6 39,795,75
	dns-rat:lng 25 umol/L	ABCHA6 39,795,75
	dni-mus:oth 5800 nmol/L	CNREA8 40,1414,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T85	ipr-rat TDLo:8 mg/kg (7-14D preg)	JCPPAV 58,309,64
1T29	scu-mus TDLo:16 mg/kg (7-10D preg)	JOENAK 45(Suppl),VIII,69
3T19H06T31	ivn-gpg TDLo:10 ug/kg (63D preg)	JRPFA4 66,23,82
1T51	scu-ham TDLo:2 mg/kg (7-10D preg)	TJADAB 9,A19,74

BEST COPY AVAILABLE

2T25T46 scu-ham TDLo:2 mg/kg (7-10D preg) TJADAB 23,287,81

TOXICITY DATA AND REFERENCES:

ivn-rat LD50:0.10 mg/kg JPETAB 95,502,49
* orl-mus LD50:20 mg/kg APTOA6 31,49,72
* ipr-mus LD50:6 mg/kg NIIRDN 6,567,82
scu-mus LD50:7600 ug/kg TXAPA9 14,495,69
ivn-mus LD50:3700 mg/kg JPETAB 95,502,49
ivn-rbt LDLo:750 ug/kg AIPTAK 92,305,53

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DN6475000 BENZYL ALCOHOL, alpha-(AMINOMETHYL)-3,4-DIHYDROXY-, HYDROCHLORIDE, (-)-

UPDT:8408 CAS: 329-56-6 MW: 205.66 MOLFM: C8-H11-N-O3 Cl-H

SYN: AKTAMIN HYDROCHLORIDE * LEVOPHED HYDROCHLORIDE * NORADRENALINE HYDROCHLORIDE * NOR-ADRENALIN HYDROCHLORIDE * NOREPINEPHRINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:132 mg/kg AIPTAK 180,155,69
scu-rat LD50:29 mg/kg AIPTAK 180,155,69
idu-rat LD50:26 mg/kg AIPTAK 180,155,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DN6650000 BENZYL ALCOHOL, alpha-(AMINOMETHYL)-3,4-DIHYDROXY-, HYDROCHLORIDE-, (+-)-

UPDT:8406 CAS: 55-27-6 MW: 205.66 MOLFM: C8-H11-N-O3 Cl-H

SYN: dl-ARTERENOL HYDROCHLORIDE * 1,2-BENZENEDIOL, 4-(2-AMINO-1-HYDROXYETHYL)-, HYDROCHLORIDE, (+-)-, (9CI) * 3,4-DIHYDROXYPHENYL)-1-AMINO-2-ETHANOL-1, HYDROCHLORIDE * (+-)-NORADRENALINE HYDROCHLORIDE * dl-NORADRENALINE HYDROCHLORIDE * (+-)-NOREPINEPHRINE HYDROCHLORIDE * dl-NOREPINEPHRINE HYDROCHLORIDE * DL-NOREPINEPHRINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

scu-rat LDLo:.2 mg/kg JPETAB 71,62,41
* ipr-mus LD50:15600 ug/kg JPETAB 92,369,48

DN6750000 BENZYL ALCOHOL, alpha-(AMINOMETHYL)-3,4-DIHYDROXY-, (-)-, TARTRATE (1:1)

UPDT:8311 CAS: 51-40-1 MW: 319.30 MOLFM: C8-H11-N-O3 C4-H6-O6

SYN: l-ARTERENOL BITARTRATE * LEVARTERENOL BITARTRATE * NORADRENALINE TARTRATE (1:1) * NORADRENALINE ACID TARTRATE * (-)-NORADRENALINE ACID TARTRATE * NORADRENALINE BITARTRATE * (-)-NORADRENALINE BITARTRATE * l-NORADRENALINE BITARTRATE * L-NORADRENALINE BITARTRATE * (-)-NORADRENALINE BITARTRATE MONOHYDRATE * NORADRENALINE HYDROGEN TARTRATE * NORADRENALINE TARTRATE * (-)-NORADRENALINE TARTRATE * l-NORADRENALINE TARTRATE * (-)-NOREPINEPHRINE BITARTRATE * l-NOREPINEPHRINE BITARTRATE * NOREPINEPHRINE TARTRATE * (-)-NOREPINEPHRINE TARTRATE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:38 mg/kg TXAPA9 28,227,74
3F12J22J30 ivn-mus LD50:1025 ug/kg EJPHAZ 9,289,70

DN7250000 BENZYL ALCOHOL, alpha-(AMINOMETHYL)-m-HYDROXY-

UPDT:8406 CAS: 536-21-0 MW: 153.20 MOLFM: C8-H11-N-O2

SYN: alpha-(AMINOMETHYL)-m-HYDROXYBENZYL ALCOHOL * 3-(m-HYDROXYPHENYL)-2-AMINOETHANOL * 1-(3-HYDROXYPHENYL)-2-AMINOETHANOL * m-HYDROXYPHENYLETHANOLAMINE * 1-(3-HYDROXYPHENYL)-1-HYDROXY-2-AMINOETHANE * METACARDIOL * NORENOL * NORMETOL * NORPHENYLEPHRINE * NORSYNEPHRINE * NOVADRAL * m-OCTOPAMINE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:390 mg/kg OYYAA2 2,217,68
ipr-rat LD50:32 mg/kg OYYAA2 2,217,68
2N24U01 scu-rat LD50:28100 ug/kg OYYAA2 2,60,68
ivn-rat LD50:17400 ug/kg OYYAA2 2,217,68
orl-mus LD50:263 mg/kg RPOBAR 2,295,70
ipr-mus LD50:198 mg/kg RPOBAR 2,295,70
scu-mus LD50:459 mg/kg RPOBAR 2,295,70
ivn-mus LD50:4900 ug/kg RPOBAR 2,295,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DN7250010 BENZYL ALCOHOL, alpha-(AMINOMETHYL)-m-HYDROXY-, (+-)-

UPDT:8308 CAS: 13026-50-1 MW: 273.30 MOLFM: C18-H11-N-O2

SYN: (+-)-alpha-(AMINOMETHYL)-m-HYDROXYBENZYL ALCOHOL * BENZENEMETHANOL, alpha-(AMINOMETHYL)-3-HYDROXY-, (+-)- * NORMETASYMPATHOL * (+-)-NORPHENYLEPHRINE * R,S-NORPHENYLEPHRINE * DL-m-OCTOPAMINE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:1348 mg/kg BEXBAN 87,220,79

DN7350000 BENZYL ALCOHOL, alpha-(AMINOMETHYL)-p-HYDROXY-

UPDT:8406 CAS: 104-14-3 MW: 153.20 MOLFM: C8-H11-N-O2

SYN: alpha-(AMINOMETHYL)-p-HYDROXYBENZYL ALCOHOL * 1-(p-HYDROXYPHENYL)-2-AMINOETHANOL * p-HYDROXYPHENYLETHANOLAMINE * NORDEN * NORPHEN * NORSYMPATHOL * NORSYNEPHRINE * OCTOPAMINE * WIN 5512

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:600 mg/kg JPETAB 106,341,52
* scu-mus LDLo:1050 mg/kg AIPTAK 101,81,55
ivn-mus LD50:75 mg/kg JPETAB 106,341,52
* ivn-gpg LDLo:200 mg/kg AIPTAK 101,81,55

DN7360000 BENZYL ALCOHOL, alpha-(AMINOMETHYL)-m-HYDROXY-, HYDROCHLORIDE, (+-)-

UPDT:8406 CAS: 15308-34-6 MW: 189.66 MOLFM: C8-H11-N-O2 Cl-H

SYN: (+-)-alpha-(AMINOMETHYL)-m-HYDROXYBENZYL ALCOHOL HYDROCHLORIDE * BENZENEMETHANOL, alpha-(AMINOMETHYL)-3-HYDROXY-, HYDROCHLORIDE, (+-)-, (9CI) * NORFENEFRINE HYDROCHLORIDE * (+-)-NORPHENYLEPHRINE HYDROCHLORIDE * NOVADRAL * DL-m-OCTOPAMINE HYDROCHLORIDE * ZONDEL

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:390 mg/kg NIIRDN 6,569,82
* ipr-rat LD50:32 mg/kg NIIRDN 6,569,82
* scu-rat LD50:28 mg/kg NIIRDN 6,569,82
* ivn-rat LD50:17400 ug/kg NIIRDN 6,569,82
* orl-mus LD50:3300 mg/kg NIIRDN 6,569,82
* ipr-mus LD50:645 mg/kg NIIRDN 6,569,82
* scu-mus LD50:700 mg/kg NIIRDN 6,569,82
* ivn-mus LD50:148 mg/kg NIIRDN 6,569,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DN7495200 BENZYL ALCOHOL, 2-AMINO-4-NITRO-

UPDT:8303 MW: 168.17 MOLFM: C7-H8-N2-O3

SYN: 2-AMINO-4-NITROBENZYL ALCOHOL

MUTATION DATA AND REFERENCES:

mmo-sat 5 ug/plate TOLED5 13,1,82

DN7495400 BENZYL ALCOHOL, 4-AMINO-2-NITRO-

UPDT:8303 CAS: 22996-17-4 MW: 168.17 MOLFM: C7-H8-N2-O3

SYN: 4-AMINO-2-NITROBENZYL ALCOHOL

MUTATION DATA AND REFERENCES:

mmo-sat 5 ug/plate TOLED5 13,1,82

DN7710000 BENZYL ALCOHOL, m-((p-AMINOPHENYL)AZO)-

UPDT:8403 MW: 227.29 MOLFM: C13-H13-N3-O

SYN: m-((p-AMINOPHENYL)AZO)BENZYL ALCOHOL * 3-HYDROXYMETHYL-4-AMINOAZOBENZENE

MUTATION DATA AND REFERENCES:

mma-sat 1 umol/plate MUREAV 122,13,83

DN7720000 BENZYL ALCOHOL, 3-((p-AMINOPHENYL)AZO)-

UPDT:8403 MW: 227.29 MOLFM: C13-H13-N3-O

SYN: 3-((p-AMINOPHENYL)AZO)BENZYL ALCOHOL

MUTATION DATA AND REFERENCES:

mmo-sat 1 umol/plate CRNGDP 4,1487,83
mma-sat 1 umol/plate CRNGDP 1,121,80

DN7870000 BENZYL ALCOHOL, alpha-(1-AMINOPROPYL)-

UPDT:8403 MW: 165.26 MOLFM: C10-H15-N-O

SYN: 2-AMINO-1-PHENYL-1-BUTANOL * beta-AMINO-alpha-PHENYLBUTYL ALCOHOL * alpha-(alpha-AMINOPROPYL)BENZYL ALCOHOL * alpha-(1-AMINOPROPYL)BENZENEMETHANOL * BENZENEMETHANOL, alpha-(1-AMINOPROPYL)- * 1-BUTANOL, 2-AMINO-1-PHENYL- * 1-PHENYL-1-HYDROXY-2-AMINO n-BUTANE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:100 mg/kg NTIS** AD277-689

BENZYL ALCOHOL, alpha-(1-AZIRIDINYLMETHYL)- see: CM7100000

DN8330000 BENZYL ACOHOL, alpha-1-(1-((1,4-BENZODIOXAN-2-YLMETHYL)AMINO)ETHYL)-p-HYDROXY-, HYDROCHLORIDE

UPDT:8312 MW: 351.86 MOLFM: C18-H21-N-O4 Cl-H

SYN: alpha-1-(1-((1,4-BENZODIOXAN-2-YLMETHYL)AMINO)ETHYL)-p-HYDROXYBENZYL ALCOHOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:150 mg/kg FRPSAX 38,571,83

BENZYL ALCOHOL BENZOIC ESTER see: DG4200000

DN8580000 BENZYL ALCOHOL, alpha-(BENZYLNITROSAMINO)-, ACETATE (ester)

UPDT:8303 MW: 284.34 MOLFM: C16-H16-N2-O3

SYN: N-BENZYL-N-(alpha-ACETOXYBENZYL)NITROSAMINE * alpha-(BENZYLNITROSAMINO)BENZYL ALCOHOL ACETATE (ester)

MUTATION DATA AND REFERENCES:

msc-ham:lng 10 umol/L GANNA2 73,517,82

DN8584000 BENZYL ALCOHOL, alpha-((BENZYLPROPYLAMINO)METHYL)-, o-ETHOXYBENZOATE (ester)

UPDT:8309 MW: 417.59 MOLFM: C27-H31-N-O3

SYN: alpha-((BENZYLPROPYLAMINO)METHYL)BENZYL ALCOHOL o-ETHOXYBENZOATE (ester)

TOXICITY DATA AND REFERENCES:

* scu-mus LDLo:750 mg/kg JACSAT 81,203,59

DN8760000 BENZYL ALCOHOL, p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)-, CARBAMATE (ester)

UPDT:8402 MW: 301.22 MOLFM: C12-H17-Br-N2-O2

SYN: p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL ALCOHOL CARBAMATE (ester)

TOXICITY DATA AND REFERENCES:

3A11F12F17 ipr-mus LD50:368 mg/kg PHARAT 38,443,83

DN8780000 BENZYL ALCOHOL, alpha-BUTYL-

UPDT:8406 CAS: 583-03-9 MW: 164.27 MOLFM: C11-H16-O

SYN: BENZENEMETHANOL, alpha-BUTYL- (9CI) * alpha-BUTYLBENZENEMETHANOL * alpha-BUTYLBENZYL ALCOHOL * FENIPENTOL * 1-HYDROXY-1-PHENYLPENTANE * PANCORAL * PC 1 * PH 8C * PHENYLBUTYLCARBINOL * 1-PHENYL-1-HYDROXYPENTANE * PHENYLPENTANOL * 1-PHENYLPENTANOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12 orl-rat TDLo:50 gm/kg (14W pre) OYYAA2 6,15,72

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:5432 mg/kg IYKEDH 4,90,73
* ipr-rat LD50:256 mg/kg NIIRDN 6,657,82
* scu-rat LD50:6930 mg/kg IYKEDH 4,90,73
* orl-mus LD50:3100 mg/kg MEIEDD 10,573,83
* ipr-mus LD50:188 mg/kg NIIRDN 6,657,82
* scu-mus LD50:3153 mg/kg IYKEDH 4,90,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DN8783000 BENZYL ALCOHOL, 3-(2-(tert-BUTYLAMINO)ETHYL)-6-HYDROXY-, SULFATE (2:1)

UPDT:8305 MW: 542.76 MOLFM: C26-H42-N2-O4 O4-S

SYN: 3-(2-(tert-BUTYLAMINO)ETHYL)-6-HYDROXYBENZYL ALCOHOL SULFATE (2:1)

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:295 mg/kg IYKEDH 9,222,78
* ivn-rat LD50:59 mg/kg IYKEDH 9,222,78
* orl-mus LD50:4750 mg/kg IYKEDH 9,222,78
* ipr-mus LD50:239 mg/kg IYKEDH 9,222,78
* scu-mus LD50:737 mg/kg IYKEDH 9,222,78
* ivn-mus LD50:49 mg/kg IYKEDH 9,222,78

BENZYL ALCOHOL, alpha-((tert-BUTYLAMINO)METHYL)-o-CHLORO , HYDROCHLORIDE see: DN8785000

DN8785000 BENZYL ALCOHOL, alpha-(tert-BUTYLAMINO)METHYL-2-CHLORO-, HYDROCHLORIDE

UPDT:8408 CAS: 56776-01-3 MW: 264.22 MOLFM: C12-H18-Cl-N-O Cl-H

SYN: BENZENEMETHANOL, 2-CHLORO-alpha-(((1,1-DIMETHYLETHYL)AMINO)METHYL)-, HYDROCHLORIDE * BENZYL ALCOHOL, alpha-((tert-BUTYLAMINO)METHYL)-o-CHLORO-, HYDROCHLORIDE * alpha-((tert-BUTYLAMINO)METHYL)-o-CHLOROBENZYL ALCOHOL HYDROCHLORIDE * alpha-(tert-BUTYLAMINO)METHYL-2-CHLOROBENZYL ALCOHOL HYDROCHLORIDE * C 78 * o-CHLORO alpha-((tert-BUTYLAMINO)METHYL)BENZYLALCOHOL HYDROCHLORIDE * 1-(o-CHLOROPHENYL)-2-tert-BUTYLAMINO ETHANOL HYDROCHLORIDE * TULOBUTEROL HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02 orl-rat TDLo:1500 mg/kg (30D male) OYYAA2 13,297,77
1T12 orl-rat TDLo:4500 mg/kg (30D pre) OYYAA2 13,297,77
1T73 orl-rat TDLo:825 mg/kg (7-17D preg) KSRNAM 11,439,77

TOXICITY DATA AND REFERENCES:

orl-rat LD50:780 mg/kg DRFUD4 1,217,76
* ipr-rat LD50:96 mg/kg NIIRDN 6,469,82
* scu-rat LD50:417 mg/kg ARZNAD 25,1028,75
* ivn-rat LD50:48 mg/kg NIIRDN 6,469,82
orl-mus LD50:243 mg/kg DRFUD4 1,217,76
* ipr-mus LD50:70 mg/kg NIIRDN 6,469,82
* scu-mus LD50:121 mg/kg IYKEDH 12,933,81
* ivn-mus LD50:33 mg/kg NIIRDN 6,469,82
orl-dog LD50:360 mg/kg DRFUD4 1,217,76
* scu-dog LD50:150 mg/kg ARZNAD 25,1028,75
ivn-dog LD50:45 mg/kg DRFUD4 1,217,76
orl-rbt LD50:525 mg/kg DRFUD4 1,217,76
* scu-rbt LD50:164 mg/kg ARZNAD 25,1028,75
2J25F12 ivn-rbt LD50:20 mg/kg ARZNAD 27,1439,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DN8980000 BENZYL ALCOHOL, alpha-((sec-BUTYLAMINO)METHYL)-3,4-DIHYDROXY-, ACETATE (salt), (+-)-

UPDT:8406 MW: 285.38 MOLFM: C12-H19-N-O3 C2-H4-O2

SYN: (+-)-alpha-((sec-BUTYLAMINO)METHYL)-3,4-DIHYDROXYBENZYL ALCOHOL ACETATE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:464 mg/kg JPETAB 92,369,48

DN8981000 BENZYL ALCOHOL, alpha-((tert-BUTYLAMINO)METHYL)-3,4-DIHYDROXY-, ACETATE (salt), (+-)-

UPDT:8406 CAS: 10255-14-8 MW: 285.38 MOLFM: C12-H19-N-O3 C2-H4-O2

SYN: (+-)-alpha-((tert-BUTYLAMINO)METHYL)-3,4-DIHYDROXYBENZYL ALCOHOL ACETATE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:370 mg/kg JPETAB 92,369,48

BEST COPY AVAILABLE

DN8982000 BENZYL ALCOHOL, alpha-((BUTYLAMINO)METHYL)-3,4-DIHYDROXY-, HYDROCHLORIDE, (- -)-
UPDT:8406 MW: 261.78 MOLFM: C12-H19-N-O3 . Cl-H
SYN: (- -)-alpha-((BUTYLAMINO)METHYL)-3,4-DIHYDROXYBENZYL ALCOHOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:347 mg/kg JPETAB 92,369,48

DN9000000 BENZYL ALCOHOL, alpha-(BUTYLAMINO)METHYL)-3,5-DIHYDROXY-, SULFATE (2:1)
UPDT:8406 CAS: 23031-32-5 MW: 512.68 MOLFM: C24-H36-N2-O8-S
SYN: 1,3-BENZENEDIOL, 5-(1-(1,1-DIMETHYLETHYLAMINO)-1-HYDROXYETHYL)-, SULFATE (2:1) (SALT) * BENZYL ALCOHOL, alpha-((tert-BUTYLAMINO)METHYL)-3,5-DIHYDROXY-, SULFATE (2:1) * BRETHINE * BRICANYL * alpha-((tert-BUTYLAMINO)METHYL)-3,5-DIHYDROXYBENZYL ALCOHOL SULFATE (2:1) (SALT) * KWD 2019 * TERBUTALINE SULFATE * TERBUTALINE SULPHATE
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:8700 mg/kg	IYKEDH 5,106,74
*	ipr-rat LD50:220 mg/kg	IYKEDH 5,106,74
	scu-rat LD50:130 mg/kg	NIIRDN 6,500,82
*	ivn-rat LD50:69 mg/kg	IYKEDH 5,106,74
1E01	orl-mus LD50:205 mg/kg	APTOAo 31,49,72
*	ipr-mus LD50:130 mg/kg	NIIRDN 6,500,82
*	scu-mus LD50:260 mg/kg	IYKEDH 5,106,74
*	ivn-mus LD50:36 mg/kg	IYKEDH 5,106,74

BENZYL ALCOHOL, alpha-((tert-BUTYLAMINO)METHYL)-3,5-DIHYDROXY-, SULFATE (2:1) see: DN9000000

DN9200000 BENZYL ALCOHOL, alpha-((BUTYLAMINO)METHYL)-p-HYDROXY-
UPDT:8406 CAS: 3703-79-5 MW: 209.32 MOLFM: C12-H19-N-O2
SYN: BAMETHAN * BAMETHANE * BUTEDRINE * alpha-((BUTYLAMINO)METHYL)-4-HYDROXYBENZENEMETHANOL * 2-BUTYLAMINO-1-p-HYDROXYPHENYLETHANOL * alpha-((BUTYLAMINO)METHYL)-p-HYDROXYBENZYL ALCOHOL * N-BUTYLNORSYMPATHOL * BUTYL NOR SYMPATOL * N-BUTYLNORSYNEPHRINE * BUTYLSYMPATHOL * 1-(p-HYDROXYPHENYL)-2-BUTYLAMINOETHANOL * 1-(4-HYDROXYPHENYL)-1-HYDROXY-2-BUTYLAMINOETHANE
TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:80 mg/kg	RPOBAR 2,272,70
	orl-mus LD50:562 mg/kg	RPOBAR 2,272,70
*	ipr-mus LD50:150 mg/kg	JPETAB 89,297,47
	ivn-mus LD50:72 mg/kg	RPOBAR 2,271,70

DN9202000 BENZYL ALCOHOL, alpha-((tert-BUTYLAMINO)METHYL)-p-HYDROXY-
UPDT:8406 CAS: 7376-67-2 MW: 209.32 MOLFM: C12-H19-N-O2
SYN: BENZENEMETHANOL, alpha-((1,1-DIMETHYLETHYL)AMINO)METHYL)-4-HYDROXY- (9CI) * alpha-(tert-BUTYLAMINOMETHYL)-p-HYDROXYBENZYL ALCOHOL * tert-BUTYLNORSYNEPHRINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg JPETAB 89,297,47

DN9205000 BENZYL ALCOHOL, alpha-((BUTYLAMINO)METHYL)-p-HYDROXY-, SULFATE (2:1) (SALT)
UPDT:8405 CAS: 5716-20-1 MW: 516.72 MOLFM: C24-H38-N2-O4 . H2-O4-S
SYN: BAMETAN SULFATE * BAMETHAN SULFATE * BASCURAT * BENZENEMETHANOL, alpha-((BUTYLAMINO)METHYL)-4-HYDROXY-, SULFATE (2:1) (SALT) (9CI) * BUPATOL * BUTEDRIN * BUTIBATOL * alpha-((BUTYLAMINO)METHYL)-p-HYDROXYBENZYL ALCOHOL SULFATE * BUTYLNORSYMPATOL * CYCLATE * ECLERN * GARMIAN * PERIPHETOL * ROTESAR * VASCULAT * VASCULIT * VASCUNICOL * VASKULAT
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:210 mg/kg	NIIRDN 6,585,82
*	scu-mus LD50:422 mg/kg	NIIRDN 6,585,82
*	ivn-mus LD50:72 mg/kg	NIIRDN 6,585,82

DN9214000 BENZYL ALCOHOL, alpha-tert-BUTYL-alpha-((DIETHYLAMINO)METHYL)-, HYDROCHLORIDE
UPDT:8305 MW: 285.90 MOLFM: C16-H27-N-O . Cl-H
SYN: alpha-tert-BUTYL-alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E15K01K30 ipr-mus LD50:340 mg/kg APFRAD 39,519,81

DN9214200 BENZYL ALCOHOL, alpha-tert-BUTYL-alpha-((DIETHYLAMINO)METHYL)-p-METHOXY-, HYDROCHLORIDE
UPDT:8305 MW: 315.93 MOLFM: C17-H29-N-O2 . Cl-H
SYN: alpha-tert-BUTYL-alpha-((DIETHYLAMINO)METHYL)-p-METHOXYBENZYL ALCOHOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E15K01K30 ipr-mus LD50:170 mg/kg APFRAD 39,519,81

DN9214400 BENZYL ALCOHOL, alpha-tert-BUTYL-alpha-((DIETHYLAMINO)METHYL)-p-METHYL-, HYDROCHLORIDE
UPDT:8305 MW: 299.93 MOLFM: C17-H29-N-O . Cl-H
SYN: alpha-tert-BUTYL-alpha-((DIETHYLAMINO)METHYL)-p-METHYLBENZYL ALCOHOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:175 mg/kg APFRAD 39,519,81

DN9214600 BENZYL ALCOHOL, alpha-tert-BUTYL-alpha-((DIMETHYLAMINO)METHYL)-, HYDROCHLORIDE
UPDT:8305 MW: 257.84 MOLFM: C14-H23-N-O . Cl-H
SYN: alpha-tert-BUTYL-alpha-((DIMETHYLAMINO)METHYL)BENZYL ALCOHOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:275 mg/kg APFRAD 39,519,81

DN9214800 BENZYL ALCOHOL, alpha-tert-BUTYL-alpha-((DIMETHYLAMINO)METHYL)-p-METHYL-, HYDROCHLORIDE
UPDT:8305 MW: 271.87 MOLFM: C15-H25-N-O . Cl-H
SYN: alpha-tert-BUTYL-alpha-((DIMETHYLAMINO)METHYL)-p-METHYLBENZYL ALCOHOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E15K01K30 ipr-mus LD50:195 mg/kg APFRAD 39,519,81

DN9223000 BENZYL ALCOHOL, alpha-(1-(BUTYLMETHYLAMINO)ETHYL)-, HYDROCHLORIDE, DL-
UPDT:8405 MW: 257.84 MOLFM: C14-H23-N-O . Cl-H
SYN: DL-N-BUTYLEPHEDRINE HYDROCHLORIDE * DL-alpha-(1-(BUTYLMETHYLAMINO)ETHYL)BENZYL ALCOHOL HYDROCHLORIDE * EPHEDRINE, N-BUTYL-, HYDROCHLORIDE, DL-
TOXICITY DATA AND REFERENCES:
3F12F17F20 ipr-mus LD50:129 mg/kg PHARAT 24,776,69

DN9224000 BENZYL ALCOHOL, alpha-((sec-BUTYLMETHYLAMINO)METHYL)-, o-METHOXYBENZOATE (ester)
UPDT:8309 MW: 341.49 MOLFM: C21-H27-N-O3
SYN: alpha-((sec-BUTYLMETHYLAMINO)METHYL)BENZYL ALCOHOL o-METHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

DN9258000 BENZYL ALCOHOL, p-CHLORO-alpha-((DIETHYLAMINO)METHYL)-, p-AMINOBENZOATE (ester)
UPDT:8309 MW: 346.89 MOLFM: C19-H23-Cl-N2-O2
SYN: p-CHLORO-alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL p-AMINOBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:300 mg/kg JACSAT 81,203,59

DN9259000 BENZYL ALCOHOL, p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)-, CARBAMATE (ester)
UPDT:8402 MW: 256.76 MOLFM: C12-H17-Cl-N2-O2
SYN: p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL ALCOHOL CARBAMATE (ester)
TOXICITY DATA AND REFERENCES:
3A11F13F17 ipr-mus LD50:472 mg/kg PHARAT 38,443,83

DN9265000 BENZYL ALCOHOL, 5-CHLORO-3-ETHYL-2-HYDROXY-
UPDT:8403 CAS: 53346-74-0 MW: 186.65 MOLFM: C9-H11-Cl-O2
SYN: BENZENEMETHANOL, 5-CHLORO-3-ETHYL-2-HYDROXY- (9CI) * 5-CHLOR-2-HYDROXY-3-AETHYLBENZYLALKOHOL (German) * 5-CHLORO-3-ETHYL-2-HYDROXYBENZENEMETHANOL * 5-CHLORO-3-ETHYL-2-HYDROXYBENZYL ALCOHOL
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg PHARAT 30,147,75

DN9266000 BENZYL ALCOHOL, 5-CHLORO-3-ETHYL-2-METHOXY-
UPDT:8403 CAS: 56911-75-2 MW: 200.68 MOLFM: C10-H13-Cl-O2
SYN: BENZENEMETHANOL, 5-CHLORO-3-ETHYL-2-METHOXY- (9CI) * 5-CHLOR-2-METHOXY-3-AETHYLBENZYLALKOHOL (German) * 5-CHLORO-3-ETHYL-2-METHOXYBENZENEMETHANOL * 5-CHLORO-3-ETHYL-2-METHOXYBENZYL ALCOHOL
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2100 mg/kg PHARAT 30,147,75

BENZYL ALCOHOL, p-CHLORO-, 3-HYDROXYCROTONATE, DIMETHYL PHOSPHATE see: GQ4375000

DN9500000 BENZYL ALCOHOL, o-CHLORO-alpha-((ISOPROPYLAMINO)METHYL)-, HYDROCHLORIDE, MONOHYDRATE
UPDT:8405 CAS: 5588-22-7 MW: 268.21 MOLFM: C11-H16-Cl-N-O . Cl-H . H2-O
SYN: BENZENEMETHANOL, 2-CHLORO-alpha-((1-METHYLETHYL)AMINO)METHYL)- HYDROCHLORIDE MONOHYDRATE * o-CHLORO-alpha-((ISOPROPYLAMINO)METHYL)BENZYL ALCOHOL HYDROCHLORIDE HYDRATE * CLORPRENALINE HYDROCHLORIDE * CGMPOUND 20025 * ISOPROPHENAMINE HYDROCHLORIDE HYDRATE
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:450 mg/kg	NIIRDN 6,252,82
*	ivn-rat LD50:68 mg/kg	NIIRDN 6,252,82
1F12	orl-mus LD50:298 mg/kg	JAPMA8 45,785,56
*	scu-mus LD50:245 mg/kg	NIIRDN 6,252,82
*	ivn-mus LD50:54 mg/kg	NIIRDN 6,252,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZYL ALCOHOL, CINNAMATE see: GD8400000

BENZYL ALCOHOL, CINNAMIC ESTER see: GD8400000

BENZYL ALCOHOL, alpha-CYCLOHEXYL-alpha-(2-(PIPERIDINO)ETHYL)-, METHYLIODIDE see: TN4724500

BENZYL ALCOHOL, alpha-CYCLOPROPYL-alpha,p-DIMETHYL-, dl- see: KK3544000

D00690000 BENZYL ALCOHOL, alpha-((2-(DIBUTYLAMINO)ETHOXY)METHYL)-
UPDT:8311 MW: 293.50 MOLFM: C18-H31-N-O2
SYN: alpha-((2-(DIBUTYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL
TOXICITY DATA AND REFERENCES:
2C17H08 scu-mus LDLo:100 mg/kg JPMSAE 50,769,61

D00690100 BENZYL ALCOHOL, alpha-((2-(DIBUTYLAMINO)ETHOXY)METHYL)-, BENZOATE (ester)
UPDT:8311 MW: 397.61 MOLFM: C25-H35-N-O3
SYN: alpha-((2-(DIBUTYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JPMSAE 50,769,61

D00875000 BENZYL ALCOHOL, DICHLORO-
UPDT:8307 CAS: 12041-76-8 MW: 177.03 MOLFM: C7-H6-Cl2-O
SYN: BAYER 4245 * RAPIDOSEPT
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:810 mg/kg	AIHAAP 30,470,69
	skn-rbt LD50:400 mg/kg	AIHAAP 30,470,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZYL ALCOHOL, 2,4-DICHLORO-alpha-(CHLOROMETHYLENE)-, DIETHYL PHOSPHATE see: TB8750000

D01080000 BENZYL ALCOHOL, 3,4-DICHLORO-alpha-((ISOPROPYLAMINO)METHYL)-
UPDT:8403 CAS: 59-61-0 MW: 248.17 MOLFM: C11-H15-Cl2-N-O
SYN: DCI * DICHLORISOPRENALINE (German) * DICHLORISOPROTERENOL * 3,4-DICHLOR-ISOPROTERENOL (German) * 3,4-DICHLORO-alpha-(ISOPROPYLAMINOMETHYL)BENZYL ALCOHOL * 3,4-DICHLORO-alpha-(((1-METHYLETHYL)AMINO)METHYL)BENZENEMETHANOL * N-(beta-(3,4-DICHLOROPHENYL)-beta-HYDROXYETHYL)ISOPROPYLAMINE * 1-(3,4-DICHLOROPHENYL)-2-ISOPROPYLAMINOETHANOL * beta-HYDROXY-N-ISOPROPYL-3,4-DICHLOROPHENETHYLAMINE
TOXICITY DATA AND REFERENCES:

	orl-mus LD50:165 mg/kg	ARZNAD 18,48,68
	ivn-mus LD50:39 mg/kg	ARZNAD 18,48,68

D01200000 BENZYL ALCOHOL, 3,4-DICHLORO-alpha-((ISOPROPYLAMINO)METHYL)-, HYDROCHLORIDE
UPDT:8311 CAS: 51-29-6 MW: 284.63 MOLFM: C11-H15-Cl2-N-O . Cl-H
SYN: BENZENEMETHANOL, 3,4-DICHLORO-alpha-(((1-METHYLETHYL)AMINO)METHYL)-, HYDROCHLORIDE (9CI) * COMPOUND 20522 * DCI HYDROCHLORIDE * DICHLORISOPRETERENOL HYDROCHLORIDE * DICHLORISOPRENALINE HYDROCHLORIDE * DICHLOROISOPROTERENOL HYDROCHLORIDE * 1-(3,4-DICHLOROPHENYL)-2-ISOPROPYLAMINOETHANOL HYDROCHLORIDE * beta-HYDROXY-N-ISOPROPYL-3,4-DICHLORO-PHENETHYLAMINE HYDROCHLORIDE * LILLY 20522
TOXICITY DATA AND REFERENCES:
3A11F05F07 ipr-mus LD50:110 mg/kg APTOA6 27,453,69
3F12J22J30 ivn-mus LD50:43490 ug/kg EJPHAZ 9,289,70

D01317000 BENZYL ALCOHOL, alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)-
UPDT:8411 CAS: 27078-43-9 MW: 237.38 MOLFM: C14-H23-N-O2
SYN: alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL
TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:250 mg/kg	CHTPBA 5,10,70
1C17	scu-mus LD50:750 mg/kg	JPMSAE 50,769,61

D01317100 BENZYL ALCOHOL, alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)-, BENZOATE (ester)
UPDT:8311 MW: 341.49 MOLFM: C21-H27-N-O3
SYN: alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JPMSAE 50,769,61

D01317200 BENZYL ALCOHOL, alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)-, p-CHLOROBENZOATE (ester)
UPDT:8311 MW: 375.93 MOLFM: C21-H26-Cl-N-O3
SYN: alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL p-CHLOROBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JPMSAE 50,769,61

D01317300 BENZYL ALCOHOL, alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)-, CINNAMATE (ester)
UPDT:8311 MW: 367.53 MOLFM: C23-H29-N-O3
SYN: alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL CINNAMATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JPMSAE 50,769,61

D01317700 BENZYL ALCOHOL, alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)-, o-METHOXYBENZOATE (ester)
UPDT:8311 MW: 371.52 MOLFM: C22-H29-N-O4
SYN: alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL o-METHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:200 mg/kg JPMSAE 50,769,61

D01317710 BENZYL ALCOHOL, alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)-, p-METHOXYBENZOATE (ester)
UPDT:8311 MW: 371.52 MOLFM: C22-H29-N-O4
SYN: alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL p-METHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:150 mg/kg JPMSAE 50,769,61

D01317800 BENZYL ALCOHOL, alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)-p-METHYL-, BENZOATE (ester)
UPDT:8311 MW: 355.52 MOLFM: C22-H29-N-O3

BEST COPY AVAILABLE

SYN: alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)-p-METHYLBENZYL ALCOHOL BENZOATE (ester)

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:750 mg/kg JPMSAE 50,769,61

D01318000 BENZYL ALCOHOL, alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)-, p-TOLUATE (ester)

UPDT:8311 MW: 355.52 MOLFM: C22-H29-N-O3

SYN: alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL p-TOLUATE (ester)

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:250 mg/kg JPMSAE 50,769,61

D01340000 BENZYL ALCOHOL, alpha-((DIETHYLAMINO)METHYL)-, p-AMINOBENZOATE (ester), MONOHYDROCHLORIDE, HEMIHYDRATE

UPDT:8309 MW: 357.88 MOLFM: C19-H24-N2-O2 Cl-H 1/2H2-O

SYN: alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL p-AMINOBENZOATE (ester) HCl HEMIHYDRATE

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:50 mg/kg JACSAT 81,203,59

D01342000 BENZYL ALCOHOL, alpha-((DIETHYLAMINO)METHYL)-, BENZOATE (ester), DIETHYLSULFATE

UPDT:8309 MW: 451.63 MOLFM: C19-H23-N-O2 C4-H10-O4-S

SYN: alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL BENZOATE (ester) DIETHYLSULFATE

TOXICITY DATA AND REFERENCES:

2C17F02 scu-mus LDLo:100 mg/kg JACSAT 81,203,59

D01360000 BENZYL ALCOHOL, alpha-((DIETH?LAMINO)METHYL)-, p-tert-BUTYLBENZOATE (ester), HYDROCHLORIDE

UPDT:8309 MW: 390.01 MOLFM: C23-H31-N-O2 Cl-H

SYN: alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL p-tert-BUTYLBENZOATE (ester) HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

D01361000 BENZYL ALCOHOL, alpha-((DIETHYLAMINO)METHYL)-, o-CHLOROBENZOATE (ester)

UPDT:8309 MW: 331.87 MOLFM: C19-H22-Cl-N-O2

SYN: alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL o-CHLOROBENZOATE (ester)

TOXICITY DATA AND REFERENCES:

* scu-mus LDLo:750 mg/kg JACSAT 81,203,59

D01362000 BENZYL ALCOHOL, alpha-((DIETHYLAMINO)METHYL)-, o-ETHOXYBENZOATE (ester)

UPDT:8309 MW: 341.49 MOLFM: C21-H27-N-O3

SYN: alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL o-ETHOXYBENZOATE (ester)

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

D01362500 BENZYL ALCOHOL, alpha-(2-DIETHYLAMINO-1-METHYLETHYL)-, CARBANILATE, HYDROCHLORIDE

UPDT:8406 MW: 376.97 MOLFM: C21-H28-N2-O2 Cl-H

SYN: alpha-(2-DIETHYLAMINO-1-METHYLETHYL)BENZYL ALCOHOL CARBANILATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:325 mg/kg JAPMAB 44,766,55

* ivn-mus LD50:22 mg/kg JAPMAB 44,766,55

D01363000 BENZYL ALCOHOL, alpha-((DIETHYLAMINO)METHYL)-, p-METHOXYBENZOATE (ester)

UPDT:8309 MW: 327.46 MOLFM: C20-H25-N-O3

SYN: BENZOIC ACID, p-METHOXY-, alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER * alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL p-METHOXYBENZOATE (ester)

TOXICITY DATA AND REFERENCES:

* scu-mus LDLo:750 mg/kg JACSAT 81,203,59

D01364000 BENZYL ALCOHOL, alpha-((DIETHYLAMINO)METHYL)-, o-METHOXYBENZOATE (ester), HYDROCHLORIDE

UPDT:8309 MW: 363.92 MOLFM: C20-H25-N-O3 Cl-H

SYN: alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL o-METHOXYBENZOATE (ester) HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:400 mg/kg JACSAT 81,203,59

D01365000 BENZYL ALCOHOL, alpha-((DIETHYLAMINO)METHYL)-p-METHYL-, BENZOATE (ester)

UPDT:8309 MW: 311.46 MOLFM: C20-H25-N-O2

SYN: alpha-((DIETHYLAMINO)METHYL)-p-METHYLBENZYL ALCOHOL BENZOATE (ester)

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

D01366000 BENZYL ALCOHOL, alpha-((DIETHYLAMINO)METHYL)-p-METHYL-, o-ETHOXYBENZOATE (ester)

UPDT:8309 MW: 355.52 MOLFM: C22-H29-N-O3

SYN: alpha-((DIETHYLAMINO)METHYL)-p-METHYLBENZYL ALCOHOL o-ETHOXYBENZOATE (ester)

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

D01367000 BENZYL ALCOHOL, alpha-((DIETHYLAMINO)METHYL)-p-METHYL-, o-METHOXYBENZOATE (ester)

UPDT:8309 MW: 341.49 MOLFM: C21-H27-N-O3

SYN: alpha-((DIETHYLAMINO)METHYL)-p-METHYLBENZYL ALCOHOL o-METHOXYBENZOATE (ester)

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:100 mg/kg JACSAT 81,203,59

D01367400 BENZYL ALCOHOL, alpha-((DIETHYLAMINO)METHYL)-, p-NITROBENZOATE (ester), HYDROCHLORIDE

UPDT:8309 MW: 378.89 MOLFM: C19-H22-N2-O4 Cl-H

SYN: BENZOIC ACID, p-NITRO-, alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE * alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL p-NITROBENZOATE (ester) HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:350 mg/kg JACSAT 81,203,59

D01367800 BENZYL ALCOHOL, alpha-((DIETHYLAMINO)METHYL)-, o-TOLUATE (ester)

UPDT:8309 MW: 311.46 MOLFM: C20-H25-N-O2

SYN: alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL o-TOLUATE (ester)

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:300 mg/kg JACSAT 81,203,59

D01370000 BENZYL ALCOHOL, alpha-((3-(DIETHYLAMINO)PROPOXY)METHYL)-

UPDT:8311 MW: 251.41 MOLFM: C15-H25-N-O2

SYN: alpha-((3-(DIETHYLAMINO)PROPOXY)METHYL)BENZYL ALCOHOL

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:750 mg/kg JPMSAE 50,769,61

D01450000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((ETHYLAMINO)METHYL)-, HYDROCHLORIDE, (+-)-

UPDT:8406 CAS: 3594-85-2 MW: 233.72 MOLFM: C10-H15-N-O3 Cl-H

SYN: (+-)-3,4-DIHYDROXY-alpha-((ETHYLAMINO)METHYL)BENZYL ALCOHOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:27500 ug/kg JPETAB 92,369,48

D01500000 BENZYL ALCOHOL, 3,5-DIHYDROXY-alpha-(((p-HYDROXY-alpha-METHYLPHENETHYL)AMINO)METHYL)-, HYDROBROMIDE

UPDT:8312 CAS: 1946-12-3 MW: 384.31 MOLFM: C17-H21-N-O4 Br-H

SYN: 1,3-BENZENEDIOL, 5-(1-HYDROXY-2-((2-(4-HYDROXYPHENYL)-1-METHYLETHYL)AMINO)ETHYL)-, HBr (9CI) * BEROTEC * BEROTEC HYDROBROMIDE * 1-(3,5-DIHYDROXY-PHENYL-2-((1-(4-HYDROXYBENZYL)ETHYL)AMINO) ETHANOL HYDROBROMIDE * FENOTEROL BROMIDE * FENOTEROL HYDROBROMIDE * PARTUSISTEN * PHENOTEROL HYDROBROMIDE * Th 1165a * TH 1165a HYDROBROMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 orl-wmn TDLo:200 ug/kg (1D pre) RDCNBM 5,31,81

2T39T55 orl-rat TDLo:11 gm/kg (7-17D preg) ARZNAD 32,1518,83

1T03 orl-rat TDLo:150 mg/kg (60D male) IYKEDH 12,742,81

1T85 orl-rat TDLo:275 mg/kg (7-17D preg) IYKEDH 12,742,81

1T81 orl-rat TDLo:650 mg/kg (17-21D preg/21D post) IYKEDH 12,742,81

1T76 orl-rat TDLo:2600 mg/kg (17-21D preg/21D post) IYKEDH 12,742,81

1T46 orl-rat TDLo:5 gm/kg (13-17D preg) ARZNAD 32,1518,83

1T35 unk-rat TDLo:7500 ug/kg (9-14D preg) FATOAO 45,83,82

1T35 orl-rbt TDLo:32500 ug/kg (6-18D preg) IYKEDH 12,742,81

TOXICITY DATA AND REFERENCES:

1G30 orl-rat LD50:1600 mg/kg IYKEDH 11,542,80

scu-rat LD50:1950 mg/kg TXAPA9 18,185,71

1G30 ivn-rat LD50:65 mg/kg IYKEDH 11,542,80

orl-mus LD50:1990 mg/kg TXAPA9 18,185,71

scu-mus LD50:1100 mg/kg TXAPA9 18,185,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D01750000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-

UPDT:8411 CAS: 7683-59-2 MW: 211.29 MOLFM: C11-H17-N-O3

SYN: A 21 * ALEUDRIN * ALEUDRINE * ALUDRINE * ASIPRENOL * ASMALAR * ASSIPRENOL * BELLASTHMAN * BRONKEPHRINE * 3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)BENZYL ALCOHOL * 3-HYDROXYPHENYLETHANOLISOPROPYLAMINE * 1-(3,4-DIHYDROXYPHENYL)-2-ISOPROPYLAMINOETHANOL * EPINEPHRINE ISOPROPYL HOMOLOG * 4-(1-HYDROXY-2-((1-METHYLETHYL)AMINO)ETHYL)-1,2 BENZENEDIOL * IPA * ISONORENE * ISONORIN * ISOPRENALINE * ISOPROPYDRIN * ISOPROPYLADRENALINE * ISOPROPYLAMINOMETHYL 3,4-DIHYDROXYPHENYL CARBINOL * alpha-(ISOPROPYLAMINOMETHYL)PROTOCATECHUYL ALCOHOL * ISOPROPYLARTERENOL * N-ISOPROPYL beta-DIHYDROXYPHENYL beta-HYDROXYETHYLAMINE * ISOPROPYL NORADRENALINE * L-ISOPROPYLNORADRENALINE * N-ISOPROPYLNORADRENALINE * ISOPROTERENOL * L-ISOPROTERENOL * ISORENIN * ISUPREL * ISUPREN * LOMUPREN * NEODRENAL * NEO-EPININE * NORISODRINE * NOVODRIN * PROTERENOL * PROTOCATECHUYL ALCOHOL alpha-(ISOPROPYLAMINO-METHYL)- * RESPIFRAL * SAVENTRINE * VAPO-N-ISO * WIN 5162

MUTATION DATA AND REFERENCES:

dns-rat-ipr 150 mg/kg CNREA8 29,136,69

oms-rat-par 100 mg/kg BEXBAN 94,145E,82

dns-rat-par 500 mg/kg CBINAB 4,251,72

cyt-rat-ipr 600 mg/kg/10D PSEBAA 125,722,67

dns-mus-ipr 341 mg/kg JCLBA3 56,605,73

dns-mus-par 10 umol/kg CNREA8 39,2751,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T02 ipr-rat TDLo:210 mg/kg (7D male) PSEBAA 153,170,76

1T47 ivn-rat TDLo:20 ug/kg (20D preg) TJADAB 24(1),24A,81

1T02 ihl-mus TCLo:250 mg/m3/30M (30D male) OYYAA2 4,437,70

3T25T34T35 scu-ham TDLo:3 ug/kg (8D preg) PSEBAA 130,1168,69

3T41T42T45 scu-ham TDLo:3 ug/kg (8D preg) PSEBAA 130,1168,69

3T46T47T55 scu-ham TDLo:3 ug/kg (8D preg) PSEBAA 130,1168,69

TOXICITY DATA AND REFERENCES:

2G07G10 ims-hmn TDLo:14 ug/kg KLWOAZ 19,1303,40

orl-rat LD50:3675 mg/kg TXAPA9 18,185,71

* ipr-rat LDLo:100 mg/kg FCTXAV 3,597,65

1G04 scu-rat LD50:600 ug/kg TOXID9 4,77,84

ivn-rat LD50:57 mg/kg TXAPA9 16,303,70

orl-mus LD50:450 mg/kg 27ZIAQ -,139,73

ipr-mus LD50:300 mg/kg 27ZIAQ -,139,73

* scu-mus LD50:400 mg/kg ARZNAD 26,1404,76

* ivn-mus LD50:102 mg/kg ARZNAD 26,1404,76

* orl-dog LD50:600 mg/kg TXAPA9 8,353,66

ivn-dog LD50:50 mg/kg JPETAB 164,290,68

unk-dog LDLo:70 mg/kg HBAMAK 4,1289,35

unk-cat LDLo:250 mg/kg HBAMAK 4,1289,35

* orl-rbt LD50:3070 mg/kg TXAPA9 8,353,66

* ivn-rbt LD50:27 mg/kg TXAPA9 8,353,66

unk-rbt LDLo:250 mg/kg HBAMAK 4,1289,35

orl-gpg LD50:270 ug/kg JPETAB 164,290,68

scu-gpg LD50:320 ug/kg JPETAB 164,290,68

unk-frg LDLo:80 mg/kg HBAMAK 4,1289,35

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D01750010 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-, (-)-

UPDT:8305 CAS: 51-31-0 MW: 211.29 MOLFM: C11-H17-N-O3

SYN: 1,2-BENZEDIOL, 4-(1-HYDROXY-2-((1-METHYLETHYL)AMINO)ETHYL)-, (R) * (-)-ISOPRENALINE * L-ISOPRENALINE * L-ISOPROPYLNORADRENALINE * L-ISOPROPYLNOREPINEPHRINE * (-)-ISOPROTERENOL * L-ISOPROTERENOL * (R)-ISOPROTERENOL * LEVISOPRENALINE * PROTERNOL L

MUTATION DATA AND REFERENCES:

oms-mus-oth 10 nmol/L JIDEAE 66,313,76

D01750020 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-, (+-)-

UPDT:8305 CAS: 149-53-1 MW: 211.29 MOLFM: C11-H17-N-O3

SYN: 1,2-BENZENEDIOL, 4-(1-HYDROXY-2-((1-METHYLETHYL)AMINO)ETHYL)-, (+-)- * dl-ISPR * dl-ISADRINE * (+-)-ISOPRENALINE * dl-ISOPRENALINE * dl-ISOPROPYLNORADRENALINE * dl-N-ISOPROPYLNORADRENALINE * DL-ISOPROPYLNOREPINEPHRINE * (+-)-ISOPROTERENOL * dl-ISOPROTERENOL * DL(+-)-ISOPROTERENOL * RACEMIC ISOPRENALINE * RACEMIC ISOPROTERENOL

MUTATION DATA AND REFERENCES:

dns-mus-ipr 300 umol/kg VAAZA2 23,137,77

D01800000 BENZYL ALCOHOL, 3,5-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-

UPDT:8411 CAS: 586-06-1 MW: 211.29 MOLFM: C11-H17-N-O3

SYN: 3,5-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)BENZYL ALCOHOL * METAPROTERENOL * ORCIPRENALINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 orl-wmn TDLo:800 ug/kg (1D pre) RDCNBM 5,31,81

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3370 mg/kg TXAPA9 8,353,66

* ivn-rat LD50:67200 ug/kg TXAPA9 8,353,66

1E01 ipr-mus LDLo:240 mg/kg APTOA6 31,33,72

* scu-mus LD50:406 mg/kg ARZNAD 26,1404,76

ivn-mus LD50:86 mg/kg APTOA6 38,474,76

* orl-dog LD50:125 mg/kg TXAPA9 8,353,66

* ivn-dog LD50:30 mg/kg TXAPA9 8,353,66

* orl-rbt LD50:3110 mg/kg TXAPA9 8,353,66

* ivn-rbt LD50:81300 ug/kg TXAPA9 8,353,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D01925000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-, HYDROCHLORIDE

UPDT:8408 CAS: 51-30-9 MW: 247.75 MOLFM: C11-H17-N-O3 Cl-H

BEST COPY AVAILABLE

SYN: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-[(1-METHYLETHYL)AMINO]ETHYL]-, HYDROCHLORIDE * 3,4-DIHYDROXY-alpha-[(ISOPROPYLAMINO)METHYL]BENZYL ALCOHOL HYDROCHLORIDE * EUSPIRAN * ISADRINE * ISADRINE HYDROCHLORIDE * ISOPRENALINE CHLORIDE * ISOPRENALINE HYDROCHLORIDE * alpha-[(ISOPROPYLAMINO)METHYL]-3,4-DIHYDROXYBENZYL ALCOHOL HYDROCHLORIDE * ISOPROPYLARTERENOL HYDROCHLORIDE * ISOPROPYLNOREPINEPHRINE HYDROCHLORIDE * ISOPROTERENOL HYDROCHLORIDE * ISOPROTERENOL MONOHYDROCHLORIDE * ISUPREL * ISUPREL HYDROCHLORIDE * IZADRIN * NCI-C55630 * NORISODRINE HYDROCHLORIDE * SAVENTRINE * VAPO-ISO

MUTATION DATA AND REFERENCES:

	ams-rat-ath 5 umol/L	INOPAO 13,210,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T35	scu-rat TDLo:10 mg/kg (6-15D preg)	NTIS** PB83-211466
1T113	scu-rat TDLo:5 mg/kg (6-15D preg)	NTIS** PB83-211466
1T134	scu-rat TDLo:2500 ug/kg (6-15D preg)	NTIS** PB83-211466

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2220 mg/kg	TXAPA9 18,185,71
*	ipr-rat LD50:203 mg/kg	NIIRDN 6,74,82
3F12G06J22	scu-rat LD20:100 ug/kg	FAATDF 1,443,81
*	orl-mus LD50:1645 mg/kg	NIIRDN 6,74,82
	ipr-mus LD50:495 mg/kg	TXAPA9 28,227,74
	ivn-mus LD50:80 mg/kg	TXAPA9 23,537,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D01926000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-, HYDROCHLORIDE, (-)-

UPDT:8412 CAS: 5984-95-2 MW: 247.75 MOLFM: C11-H17-N-O3 Cl-H

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T31T86	ivn-rat TDLo:7700 ug/kg (7-17D preg)	YACHDS 7,1731,79
1T146	ivn-rbt TDLo:3900 ug/kg (6-18D preg)	YACHDS 7,1731,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D01930000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-, HYDROCHLORIDE, (±)-

UPDT:8406 CAS: 949-36-0 MW: 247.75 MOLFM: C11-H17-N-O3 Cl-H

SYN: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-[(1-METHYLETHYL)AMINO]ETHYL]-, HYDROCHLORIDE, (±)- * (±)-3,4-DIHYDROXY-alpha-[(ISOPROPYLAMINO)METHYL]BENZYL ALCOHOL HYDROCHLORIDE * (±)-1-(3,4-DIHYDROXYPHENYL)-2-(ISOPROPYLAMINO)ETHANOL HYDROCHLORIDE * dl-ISADRINE HYDROCHLORIDE * (±)-ISOPRENALINE HYDROCHLORIDE * dl-ISOPRENALINE HYDROCHLORIDE * dl-ISOPROPYLNORADRENALINE HYDROCHLORIDE * dl-N-ISOPROPYLNORADRENALINE HYDROCHLORIDE * DL-ISOPROPYLNOREPINEPHRINE HYDROCHLORIDE * (±)-ISOPROTERENOL HYDROCHLORIDE * dl-ISOPROTERENOL HYDROCHLORIDE * DL-ISOPROTERENOL HYDROCHLORIDE * DLI-(±)-ISOPROTERENOL HYDROCHLORIDE * RACEMIC ISOPRENALINE HYDROCHLORIDE * RACEMIC ISOPROTERENOL HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	ivg-rbt TDLo:5 mg/kg (1D pre)	CCPTAY 17,309,78

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:303 mg/kg	NIIRDN 6,74,82
*	scu-rat LD50:435 mg/kg	NIIRDN 6,74,82
*	ivn-rat LD50:24040 ug/kg	NIIRDN 6,74,82
*	ipr-mus LD50:250 mg/kg	NIIRDN 6,74,82
*	scu-mus LD50:298 mg/kg	NIIRDN 6,74,82
*	ivn-mus LD50:23500 ug/kg	NIIRDN 6,74,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D02100000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-, SULFATE (2:1), (±)-

UPDT:8408 CAS: 114-43-4 MW: 520.66 MOLFM: C22-H34-N2-O6-H2-O4-S

SYN: ALEUDRINE SULFATE * dl-alpha-3,4-DIHYDROXYPHENYL-beta-ISOPROPYLAMINOETHANOL SULFATE * dl-ISOPRENALINE SULFATE (1:1) * (±)-ISOPRENALINE SULFATE * dl-ISOPROTERENOL SULFATE * (±)-(-)-ISOPROTERENOL SULFATE

MUTATION DATA AND REFERENCES:

	ams-rat-ipr 20 gm/L	JNCSAI 16,309,74

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3602 mg/kg	JPETAB 189,167,74
	ivn-rat LD50:335 mg/kg	JPETAB 189,167,74
1E01	orl-mus LD50:320 mg/kg	APTOA6 31,49,72
2E01G01	ipr-mus LD50:365 mg/kg	APTOA6 31,43,72
*	scu-mus LD50:72 mg/kg	NIIRDN 6,75,82
	ivn-mus LD50:230 mg/kg	JPETAB 189,167,74
*	orl-dog LD50:600 mg/kg	NIIRDN 6,75,82
*	ivn-dog LD50:50 mg/kg	NIIRDN 6,75,82
*	orl-rbt LD50:3070 mg/kg	NIIRDN 6,75,82
*	ivn-rbt LD50:27 mg/kg	NIIRDN 6,75,82
	orl-gpg LD50:282 mg/kg	JPETAB 189,167,74
	scu-gpg LD50:610 ug/kg	JPETAB 189,167,74
	ihl-gpg LC50:4100 ppm:40M	JPETAB 189,167,74

D02273000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-, SULFATE (2:1) (salt)

UPDT:8306 CAS: 299-95-6 MW: 260.29 MOLFM: C11-H17-N-O3-1/2H2-O4-S

SYN: ALEUDRIN * 3,4-DIHYDROXY-alpha-[(ISOPROPYLAMINO)METHYL]BENZYL ALCOHOL SULFATE (2:1) * ISOPRENALINE SULFATE * ISOPRENALINE SULFATE (2:1) * ISOPROPYLNORADRENALINE SULFATE * N-ISOPROPYLNOREPINEPHRINE SULFATE * ISOPROTEERENOL SULFATE * ISOPROTERENOL SULFATE (2:1) * MEDIHALER-ISO * NOVODRIN

TOXICITY DATA AND REFERENCES:

3F12T17J26	ivn-mus LD50:188 mg/kg	THERAP 26,1081,71

D02275000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-, SULFATE (2:1) (salt)

UPDT:8403 CAS: 5874-97-5 MW: 520.66 MOLFM: C22-H34-N2-O6-H2-O4-S

SYN: ALOTEC * ALUPENT * 1,3-BENZENEDIOL, 5-[1-HYDROXY-2-[(1-METHYLETHYL)AMINO]ETHYL]-, SULFATE (2:1) (SALT) * 3,5-DIHYDROXY-alpha-[(ISOPROPYLAMINO)METHYL]BENZYL ALCOHOL SULFATE (2:1) (SALT) * 3,5-DIHYDROXY-PHENYL-2-(ISOPROPYLAMINO)-ETHANOL SULFATE * METAPREL * METAPROTERENOL SULFATE * NOVASMASOL * ORCIPRENALINE SULFATE * TH-332

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:5538 mg/kg	TXAPA9 18,185,71
	rdu-rat LD50:2230 mg/kg	AIPTAK 180,155,69
*	orl-mus LD50:4800 mg/kg	NIIRDN 6,163,82
*	scu-mus LD50:290 mg/kg	NIIRDN 6,163,82
*	ivn-mus LD50:114 mg/kg	NIIRDN 6,163,82

D02300100 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-, (-)-, (+)-TARTRATE (1:1) (salt), DIHYDRATE

UPDT:8301 CAS: 34750-10-6 MW: 397.43 MOLFM: C11-H17-N-O3-C4-H6-O6-2H2-O

SYN: ISOLEVIN DIHYDRATE * ISOLEVINE DIHYDRATE * (-)-ISOPRENALINE BITARTRATE DIHYDRATE * L-ISOPRENALINE BITARTRATE DIHYDRATE * (-)-ISOPRENALINE TARTRATE DIHYDRATE * L-ISOPROPYLNORADRENALINE BITARTRATE DIHYDRATE * L-ISOPROPYLNOREPINEPHRINE BITARTRATE DIHYDRATE * (-)-ISOPROTERENOL BITARTRATE DIHYDRATE * (-)-ISOPROTERENOL BITARTRATE DIHYDRATE

TOXICITY DATA AND REFERENCES:

3D35F12R21	ivn-rat LD50:66767 mg/kg	AIPTAK 137,155,62

D02300200 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-, (±)-, (+)-TARTRATE (1:1) (salt)

UPDT:8310 CAS: 7638-75-1 MW: 361.35 MOLFM: C11-H17-N-O3-C4-H6-O6

SYN: (-)-ISOPRENALINE BITARTRATE * dl-N-ISOPROPYLNOREPINEPHRINE BITARTRATE * (-)-ISOPROTERENOL BITARTRATE * dl-ISOPROTERENOL BITARTRATE * L-(-)-ISOPROTERENOL BITARTRATE * (S)-ISOPROTERENOL BITARTRATE

TOXICITY DATA AND REFERENCES:

2G30J30	ivn-rat LD50:183 mg/kg	AIPTAK 137,155,62

D02320000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-(1-(ISOPROPYLAMINO)PROPYL)-, HYDROCHLORIDE

UPDT:8406 MW: 275.81 MOLFM: C13-H21-N-O3-Cl-H

SYN: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-[(1-METHYLETHYL)AMINO]BUTYL]-, HYDROCHLORIDE * BRONKOMETER HYDROCHLORIDE * 1-(3,4-DIHYDROXYPHENYL)-2-(ISOPROPYLAMINO)-1-BUTANOL HYDROCHLORIDE * DILABRON HYDROCHLORIDE * ETYPRENALINE HYDROCHLORIDE * ISOCTABINE HYDROCHLORIDE * ISOETARINE HYDROCHLORIDE * ISOETARIN HYDROCHLORIDE * ISOETHRAINE HYDROCHLORIDE * ISOTHURIN HYDROCHLORIDE * NEOISUPREL HYDROCHLORIDE * NEOSUPREL HYDROCHLORIDE * NUMOTAC HYDROCHLORIDE * WIN 3046

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:57 mg/kg	JAPMAB 47,744,58

D02625000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((METHYLAMINO)METHYL)-, (-)-

UPDT:8411 CAS: 51-43-4 MW: 183.23 MOLFM: C9-H13-N-O3

SYN: ADNEPHRINE * ADRENAL * ADRENALIN * L-ADRENALIN * ADRENALINE * (-)-ADRENALINE * L-ADRENALINE * ADRENALIN IN OIL * ADRENALIN MEDIHALER * ADRENAMINE * ADRENAN * ADRENAPAS * ADRENASOL * ADRENATRATE * ADRENINE * ADRENODIS * ADRENOHORMA * ADRENOSAN * ADRENUTOL * ADRIN * ADRINE * ANTIASTHMATIQUE * ASMATANE MIST * ASTHMA METER MIST * ASTHMA-NEFRIN * ASTMAHALIN * ASTMINHAL * BALMADREN * 1,3-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (9CI) * BERNARENIN * BIORENINE * BOSMIN * BREVIRENIN * BRONKAID MIST * CHELAFRIN * CORBISOL * 3,4-DIHYDROXY-alpha-[(METHYLAMINO)METHYL]BENZYL ALCOHOL * (-)-3,4-DIHYDROXYPHENYL-2-METHYLAMINOETHANOL * DRENAMIST * DYLEPHRIN * DYSPNE INHAL * EPIFRIN * EPINEFRINA * EPINEPHRAN * EPINEPHRINE * (-)-EPINEPHRINE * L-EPINEPHRINE * (R)-EPINEPHRINE * L-EPINEPHRINE (SYNTHETIC) * EPIRENAMINE * L-EPIRENAMINE * EPIRENAN * EPIRENIN * EPITRATE * ESPHYGMOGENINA * EXADRIN * GLAUCOSAN * GLYCIRENAN * HAEMOSTASIN * HAEMOSTATIN * HEKTALIN * HEMISINE * HEMOSTASIN * HEMOSTATIN * HYPERNEPHRIN * HYPOTRENIN * INTRAVERIN * KETOLINE * L-VOCRENIN * LEVORENIN * LEVORENINE * LYOPHRIN * MEDIHALER-EPI * METANEPHRIN * METHYLARTERENOL * MUCIDRINA * MYOSTHENINE * MYTRATE * NEPHRIDINE * NIERALINE * PARANEPHRIN * PRIMATENE MIST * RCRA WASTE NUMBER P042 * RENAGLADIN * RENAGLANDIN * RENAGLANDULIN * RENALEPTINE * RENALINA * RENOFORM * RENOSTYPRICIN * RENOSTYPTICIN * RENOSTYPTIN * SCURENALINE * SINDRENINA * SOLADREN * SPHYGMOGENIN * STRYPTIRENAL * STYPTIRENAL * SUPRACAPSULIN * SUPRADIN * SUPRANEFRAN * SUPRANEPHRANE * SUPRANEPHRINE * SUPRANOL * SUPRARENALINE * SUPRARENIN * SUPREL * SURENINE * SUREMINE * SUSPHRINE * SYMPATHIN I * TARAMINA * TARAMINE * TORAMINA * TONOGEN * VAPONEFRIN * VASOCONSTRICTINE * VASODRINE * VASOTON * VASOTONIN

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ug/plate	ABCHA6 45,327,81
	mmo-sat 500 ug/plate	ABCHA6 45,327,81
	dnr-bcs 500 ug/disc	MUREAV 137,17,84
	cyt-slw-par 10 mmol/L	ENZYAS 41,183,71
	dnd-rat-lng 2500 nmol/L	ABCHA6 39,795,75
	dns-rat-lng 25 umol/L	ABCHA6 39,795,75
	dni-mus-ath 100 mmol/L	CNREAB 43,3514,83
	ams-mus-ath 2500 ng/L	ECREAL 35,629,64

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T21	ipr-rat TDLo:50 ug/kg (1D male)	ANENAG 24(Suppl 3),1,63
1T85	ipr-rat TDLo:6 mg/kg (7-14D preg)	JCPPAV 58,309,64
3T72T81T85	scu-rat TDLo:2400 ug/kg (1-6D preg)	AJOGAH 106,687,70
1T47	ivn-rat TDLo:10 ug/kg (20D preg)	TJADAB 24(1),24A,81
2T46T41	ims-rat TDLo:1 mg/kg (10D preg)	PSEBAA 118,857,65
1T25	ims-rat TDLo:5 mg/kg (10D preg)	PSEBAA 118,857,65
2T19U01	ims-rat TDLo:2 mg/kg (10D preg)	PSEBAA 118,857,65
1T29	scu-mus TDLo:16 mg/kg (7-10D preg)	JOENAK 45(Suppl),VIII,69
2T24T34	scu-rbt TDLo:2400 ug/kg (6-7D preg)	JRPFA4 27,281,71
1T29	scu-rbt TDLo:5500 ug/kg (3D pre)	JRPFA4 35,331,73
1T02	scu-rbt TDLo:15 mg/kg (15D male)	INJFA3 1,245,56
1T23	scu-rbt TDLo:7500 ug/kg (15D male)	INJFA3 1,245,56
1T29	ivg-rbt TDLo:90 ug/kg (1D pre)	CCPTAY 17,309,78
1T29	scu-ham TDLo:2 mg/kg (7-10D preg)	TJADAB 9,A19,74
1T46	scu-ham TDLo:2 mg/kg (7-10D preg)	TJADAB 23,287,81

TOXICITY DATA AND REFERENCES:

	scu-man LDLo:735 ug/kg	85DCAI 2,73,70
	orl-rat LDLo:30 mg/kg	BBMS** -,-,48
	skn-rat LD50:62 mg/kg	GTPZAB 8(4),30,64
	ipr-rat LDLo:10 mg/kg	JPETAB 88,268,46
2J30P01	scu-rat LD50:5300 ug/kg	FEPRA7 2,78,44
	ivn-rat LD50:980 ug/kg	27ZIAQ -,105,73
	ims-rat LD50:3500 mg/kg	27ZIAQ -,105,73
	ipr-mus LD50:4 mg/kg	JPETAB 90,110,47
	scu-mus LD50:2790 ug/kg	TXAPA9 16,303,70
	ivn-mus LD50:217 ug/kg	APTOA6 38,474,76
*	scu-dog LD50:5 mg/kg	NIIRDN 6,120,82
*	ivn-dog LD50:100 ug/kg	NIIRDN 6,120,82
	scu-cat LDLo:20 mg/kg	BBMS** -,-,48
	ivn-cat LDLo:700 ug/kg	BBMS** -,-,48
	orl-rbt LDLo:30 mg/kg	BBMS** -,-,48
	ivn-rbt LDLo:500 ug/kg	AIPTAK 92,305,53
	scu-gpg LDLo:1500 ug/kg	BBMS** -,-,48
	ivn-gpg LDLo:150 mg/kg	BBMS** -,-,48

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, CMREAY 9,389,31; ADVPA3 4,263,66; CRTXB2 2,159,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D03000000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((METHYLAMINO)METHYL)-, (-)-, ASCORBATE

UPDT:8306 MW: 359.37 MOLFM: C9-H13-N-O3-C6-H8-O6

SYN: ASCORBATE d-ADRENALINE (French) * (-)-3,4-DIHYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL ALCOHOL ASCORBATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:8300 ug/kg	AIPTAK 91,163,52

D03150000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((METHYLAMINO)METHYL)-, HYDROCHLORIDE, (-)-

UPDT:8412 CAS: 5-33-7 MW: 219.69 MOLFM: C9-H13-N-O3-Cl-H

SYN: ADRENALIN CHLORIDE * ADRENALINE CHLORIDE * L-ADRENALINE CHLORIDE * ADRENALINE HYDROCHLORIDE * ADRENALINE HYDROCHLORIDE (-) * L-ADRENALINE HYDROCHLORIDE * (-)-ADRENALINE HYDROCHLORIDE * ADRENALIN HYDROCHLORIDE * 1,2-BENZENEDIOL, 4-(1-HYDROXY-2-(METHYLAMINO)ETHYL)-, HYDROCHLORIDE, (R)- (9CI) * (-)-3,4-DIHYDROXYPHENYL-2-METHYLAMINO-1-ETHANOL HYDROCHLORIDE * EPINEPHRINE CHLORIDE * L-EPINEPHRINE CHLORIDE * EPINEPHRINE HYDROCHLORIDE * (-)-EPINEPHRINE HYDROCHLORIDE * L-EPINEPHRINE HYDROCHLORIDE * GELATIN EPINEPHRINE * L-METHYLAMINOETHANOLCATECHOL HYDROCHLORIDE * NCI-C55663 * SUPRARENIN HYDROCHLORIDE * SUPRANEPHRIN SOLUTION

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T48	ipr-rat TDLo:125 ug/kg (17D preg)	BJPCBM 43,270,71
2T34T71	scu-rat TDLo:3200 ug/kg (13-20D preg)	CJPFA3 43,473,65
1T36	ivn-rbt TDLo:7950 ug/kg (22D preg)	ANREAK 153,373,65

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:24 mg/kg	AIPTAK 180,155,69
	scu-rat LD50:5 mg/kg	AIPTAK 180,155,69
	rdu-rat LD50:35 mg/kg	AIPTAK 180,155,69
	ipr-mus LD50:9500 ug/kg	TXAPA9 28,227,74
	scu-mus LD50:2170 ug/kg	JPETAB 87,214,46

BEST COPY AVAILABLE

3F12J22J30 ivn-mus LD50:140 ug/kg EJPHAZ 9,289,70

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D03330000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((METHYLAMINO)METHYL)-, HYDROCHLORIDE, (+-)-
UPDT:8406 CAS: 329-63-5 MW: 219.69 MOLFM: C9-H13-N-O3 · Cl-H
SYN: (+-)-ADRENALINE HYDROCHLORIDE * dl-ADRENALINE HYDROCHLORIDE * 1,2-BENZENEDIOL, 4-(1-HYDROXY-2-(METHYLAMINO)ETHYL)-, HYDROCHLORIDE, (+-)-(9CI) * (+-)-3,4-DIHYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL ALCOHOL HYDROCHLORIDE * (+-)-EPINEPHRINE HYDROCHLORIDE * dl-EPINEPHRINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:7800 ug/kg JPETAB 92,369,48
" ivn-mus LDLo:5 mg/kg JPETAB 92,108,68

D03500000 BENZYL ALCOHOL, 3,4-DIHYDROXY-alpha-((METHYLAMINO)METHYL)-, (-)-, TARTRATE (1:1), (+-)-
UPDT:8405 CAS: 51-42-3 MW: 333.33 MOLFM: C9-H13-N-O3 · C4-H6-O6
SYN: ADRENALIN BITARTRATE * ADRENALINE ACID TARTRATE * (-)-ADRENALINE ACID TARTRATE * ADRENALINE BITARTRATE * (-)-ADRENALINE BITARTRATE * L-ADRENALINE BITARTRATE * ADRENALINE HYDROGEN TARTRATE * (-)-ADRENALINE HYDROGEN TARTRATE * L-ADRENALINE HYDROGEN TARTRATE * ADRENALINE TARTRATE * (-)-ADRENALINE TARTRATE * L-ADRENALINE TARTRATE * L-ADRENALINE TARTRATE * ADRENATRATE * ASMATANE MIST * (-)-3,4-DIHYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL ALCHOL (-) TARTRATE (1:1) (SALT) * EPINEPHRINE BITARTRATE * EPINEPHRINE d-BITARTRATE * (-)-EPINEPHRINE BITARTRATE * (-)-EPINEPHRINE BITARTRATE * L-EPINEPHRINE d-BITARTRATE * EPINEPHRINE HYDROGEN TARTRATE * EPINEPHRINE TARTRATE * L-EPINEPHRINE TARTRATE * IOP * LYOPHRIN * MEDIHALER-EPI * SUPRARENIN

MUTATION DATA AND REFERENCES:
dni-mus-ath 1 umol/L CNREAB 43,3514,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 scu-mus TDLo:2400 ug/kg (2D male) JRPFA4 22,375,70

TOXICITY DATA AND REFERENCES:
" scu-rat LD50:8300 ug/kg NIIRDN 6,122,82
" ivn-rat LD50:82 ug/kg AIPTAK 137,155,62
" orl-mus LD50:4 mg/kg APTOA6 31,49,72
1G01 ipr-mus LD50:7800 ug/kg APTOA6 31,43,72
" scu-mus LD50:17300 ug/kg NIIRDN 6,122,82
" ivn-mus LD50:1780 ug/kg JPETAB 81,269,44
" par-frg LDLo:800 mg/kg AEPPAE 166,437,32

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D04562000 BENZYL ALCOHOL, alpha,alpha-DIMETHYL-
UP:1,8408 CAS: 617-94-7 MW: 136.21 MOLFM: C9-H12-O
SYN: BENZENEMETHANOL, alpha,alpha-DIMETHYL- (9CI) * alpha-CUMYL ALCOHOL * alpha,alpha-DIMETHYLBENZENEMETHANOL * alpha,alpha-DIMETHYLBENZYL ALCOHOL * DIMETHYLPHENYLCARBINOL * DIMETHYLPHENYLMETHANOL * 1-HYDROXYCUMENE * PHENYLDIMETHYLCARBINOL * 2-PHENYLISOPROPANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg, 24H SEV FCTOD7 20(Suppl),675,82

TOXICITY DATA AND REFERENCES:
" orl-rat LD50:1300 mg/kg FCTOD7 20(Suppl),675,82
" orl-mus LD50:1950 mg/kg FCTOD7 20(Suppl),675,82
" skn-rbt LD50:4300 mg/kg FCTOD7 20(Suppl),675,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1985

D04565000 BENZYL ALCOHOL, p,alpha-DIMETHYL-
UPDT:8407 CAS: 536-50-5 MW: 136.21 MOLFM: C9-H12-O
SYN: BILAGEN * alpha,4-DIMETHYLBENZENEMETHANOL (9CI) * p,alpha-DIMETHYLBENZYL ALCOHOL * ETHANOL, 1-(p-TOLYL)- * 4-(alpha-HYDROXYETHYL)TOLUENE * 1-(p-METHYLPHENYL)ETHANOL * 1-(4-METHYLPHENYL)ETHANOL * METHYL-p-TOLYLCARBINOL * NORBILAN * 1-(p-TOLYL)ETHANOL * p-TOLYLMETHYLCARBINOL (German) * TOMOBIL

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2800 mg/kg ARZNAD 12,347,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

D04650000 BENZYL ALCOHOL, alpha-(2-(DIMETHYLAMINO)ETHYL)-, CARBANILATE, HYDROCHLORIDE
UPDT:8406 MW: 334.88 MOLFM: C16-H22-N2-O2 · Cl-H
SYN: alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL ALCOHOL CARBANILATE HYDROCHLORIDE * 1-(1-PHENYL-3-DIMETHYLAMINOPROPYL)CARBANILATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
" scu-mus LD50:250 mg/kg JAPMA8 44,766,55
" ivn-mus LD50:44 mg/kg JAPMA8 44,766,55

D04725000 BENZYL ALCOHOL, alpha-(1-(DIMETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8303 CAS: 942-46-1 MW: 215.75 MOLFM: C11-H17-N-O · Cl-H
SYN: METHYLEPHEDRINE HYDROCHLORIDE * l-METHYLEPHEDRINE HYDROCHLORIDE * N-METHYLEPHEDRINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F12F13 ipr-mus LD50:185 mg/kg AIPTAK 138,209,62
" scu-mus LD50:699 mg/kg NIIRDN 6,827,82
" unk-mus LD50:96 mg/kg JPETAB 92,283,48
" ivn-rbt LDLo:55 mg/kg JPETAB 36,363,29
" ivn-gpg LDLo:139 mg/kg AIPTAK 125,236,60

D05200000 BENZYL ALCOHOL, alpha-(2-(DIMETHYLAMINO)ETHYL)-p-METHOXY-, CARBAMATE (ester)
UPDT:8402 MW: 268.35 MOLFM: C13-H20-N2-O4
SYN: CARBAMIC ACID, ESTER with 3-DIMETHYLAMINO-1-(p-METHOXYPHENYL)-1-PROPANOL * alpha-(2-(DIMETHYLAMINO)ETHYL)-p-METHOXYBENZYL ALCOHOL CARBAMATE (ester)

TOXICITY DATA AND REFERENCES:
3A11F13F17 ipr-mus LD50:457 mg/kg PHARAT 38,443,83

D05250000 BENZYL ALCOHOL, alpha-(2-(DIMETHYLAMINO)ETHYL)-p-METHYL-, CARBAMATE (ester)
UPDT:8402 MW: 236.35 MOLFM: C13-H20-N2-O2
SYN: CARBAMIC ACID, ESTER with 3-DIMETHYLAMINO-1-(p-METHYLPHENYL)-1-PROPANOL * alpha-(2-(DIMETHYLAMINO)ETHYL)-p-METHYLBENZYL ALCOHOL CARBAMATE (ester)

TOXICITY DATA AND REFERENCES:
3A11F13F17 ipr-mus LD50:500 mg/kg PHARAT 38,443,83

D05270000 BENZYL ALCOHOL, alpha-(2-(DIMETHYLAMINO)ETHYL)-p-NITRO-, CARBAMATE (ester)
UPDT:8402 MW: 253.31 MOLFM: C12-H17-N3-O4
SYN: alpha-(2-(DIMETHYLAMINO)ETHYL)-p-NITROBENZYL ALCOHOL CARBAMATE (ester)

TOXICITY DATA AND REFERENCES:
3A11F13F17 ipr-mus LD50:510 mg/kg PHARAT 38,443,83

D05400000 BENZYL ALCOHOL, alpha-((DIMETHYLAMINO)METHYL)-, p-AMINOBENZOATE, HYDROCHLORIDE, HYDRATE
UPDT:8309 MW: 322.87 MOLFM: C17-H20-N2-O · Cl-H · H2-O
SYN: alpha-((DIMETHYLAMINO)METHYL)BENZYL ALCOHOL p-AMINOBENZOATE (ester) HYDROCHLORIDE HYDRATE

TOXICITY DATA AND REFERENCES:
" scu-mus LDLo:100 mg/kg JACSAT 81,203,59

D05420000 BENZYL ALCOHOL, alpha-((DIMETHYLAMINO)METHYL)-, BENZOATE (ester), HYDROCHLORIDE
UPDT:8308 CAS: 51721-79-6 MW: 305.81 MOLFM: C17-H19-N-O2 · Cl-H
SYN: alpha-((DIMETHYLAMINO)METHYL)BENZYL ALCOHOL BENZOATE (ester) HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:450 mg/kg JACSAT 81,203,59

D05428000 BENZYL ALCOHOL, alpha-((DIMETHYLAMINO)METHYL)-, o-ETHOXYBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 349.89 MOLFM: C19-H23-N-O3 · Cl-H
SYN: alpha-((DIMETHYLAMINO)METHYL)BENZYL ALCOHOL o-ETHOXYBENZOATE (ester) HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:300 mg/kg JACSAT 81,203,59

D05428400 BENZYL ALCOHOL, alpha-((DIMETHYLAMINO)METHYL)-, o-METHOXYBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 335.86 MOLFM: C18-H22-N-O3 · Cl-H
SYN: alpha-((DIMETHYLAMINO)METHYL)BENZYL ALCOHOL o-METHOXYBENZOATE (ester) HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:250 mg/kg JACSAT 81,203,59

D05428800 BENZYL ALCOHOL, alpha-((DIMETHYLAMINO)METHYL)-, p-NITROBENZOATE (ester), HYDROCHLORIDE
UPDT:8310 MW: 376.89 MOLFM: C18-H21-N2-O4 · Cl-H
SYN: alpha-((DIMETHYLAMINO)METHYL)BENZYL ALCOHOL p-NITROBENZOATE (ester) HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

D05430000 BENZYL ALCOHOL, alpha-(2-(DIMETHYLAMINO)-1-PHENOXYETHYL)-, HYDROCHLORIDE
UPDT:8303 MW: 307.85 MOLFM: C18-H23-N-O2 · Cl-H
SYN: alpha-(2-(DIMETHYLAMINO)-1-PHENOXYETHYL)BENZYL ALCOHOL HYDROCHLORIDE

IRRITATION DATA AND REFERENCES:
skn-rbt 5 pph MLD AIPTAK 137,410,62

TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:118 mg/kg AIPTAK 137,410,62

D05435000 BENZYL ALCOHOL, m-((p-DIMETHYLAMINOPHENYL)AZO)-
UPDT:8405 MW: 255.32 MOLFM: C15-H17-N3-O
SYN: m-((p-DIMETHYLAMINOPHENYL)AZO)BENZYL ALCOHOL * 3-((p-DIMETHYLAMINOPHENYL)AZO)BENZYL ALCOHOL * 3-HYDROXYMETHYL-N,N-DIMETHYL-4-AMINOAZOBENZENE

MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate CRNGDP 4,1487,83
mma-sat 1 umol/plate MUREAV 122,13,83

TUMORIGENIC DATA AND REFERENCES:
3V01L04L60 orl-rat TDLo:5240 mg/kg 90D-C CRNGDP 1,533,80
3V02L04L60 orl-rat TD:2563 mg/kg 30D-C CRNGDP 1,533,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D05435500 BENZYL ALCOHOL, o-((p-DIMETHYLAMINOPHENYL)AZO)-
UPDT:8406 CAS: 35282-68-1 MW: 255.32 MOLFM: C15-H17-N3-O
SYN: BENZENEMETHANOL, 2-(4-(DIMETHYLAMINO)PHENYL)AZO)- (9CI) * 2-((p-DIMETHYLAMINOPHENYL)AZO)BENZYL ALCOHOL * 2-HYDROXYMETHYL-N,N-DIMETHYL-4-AMINOAZOBENZENE

MUTATION DATA AND REFERENCES:
mma-sat 500 nmol/plate MUREAV 121,95,83

D05435600 BENZYL ALCOHOL, p-((p-DIMETHYLAMINOPHENYL)AZO)-
UPDT:8406 CAS: 20654-35-7 MW: 255.32 MOLFM: C15-H17-N3-O
SYN: BENZENEMETHANOL, 4-(4-(DIMETHYLAMINO)PHENYL)AZO)- (9CI) * 4-((p-DIMETHYLAMINOPHENYL)AZO)BENZYL ALCOHOL * 4-HYDROXYMETHYL-N,N-DIMETHYL-4-AMINOAZOBENZENE

MUTATION DATA AND REFERENCES:
mma-sat 500 nmol/plate MUREAV 121,95,83

D05438000 BENZYL ALCOHOL, alpha-((2-(DIMETHYLAMINO)PROPOXY)METHYL)-
UPDT:8311 MW: 223.35 MOLFM: C13-H21-N-O2
SYN: BENZENEMETHANOL, alpha-(2-(DIMETHYLAMINO)PROPOXY)METHYL)BENZYL ALCOHOL

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JPMSAE 50,769,61

D05463500 BENZYL ALCOHOL, 2,4-DINITRO-
UPDT:8303 CAS: 4836-66-2 MW: 198.13 MOLFM: C7-H6-N2-O5
SYN: BENZENEMETHANOL, 2,4-DINITRO- * 2,4-DINITROBENZYL ALCOHOL

MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate TOXDS 13,1,82

D05463700 BENZYL ALCOHOL, alpha-((DIPROPYLAMINO)METHYL)-, BENZOATE (ester)
UPDT:8309 MW: 327.47 MOLFM: C21-H29-N-O2
SYN: alpha-((DIPROPYLAMINO)METHYL)BENZYL ALCOHOL BENZOATE (ester)

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

D05463800 BENZYL ALCOHOL, alpha-((DIPROPYLAMINO)METHYL)-, o-METHOXYBENZOATE (ester)
UPDT:8309 MW: 357.50 MOLFM: C22-H31-N-O3
SYN: alpha-((DIPROPYLAMINO)METHYL)BENZYL ALCOHOL o-METHOXYBENZOATE (ester)

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

D05464000 BENZYL ALCOHOL, alpha-(1-((3,3-DI-3-THIENYLALLYL)AMINO)ETHYL)-, HYDROCHLORIDE (+-)-(alpha-R,S)-
UPDT:8403 CAS: 66788-41-5 MW: 392.90 MOLFM: C25-H27-N-O-S2 · Cl-H
SYN: (-)-3,3-BIS(3-THIENYL)-2-PROPENYL)(1-HYDROXY-1-PHENYL-2-PROPYL)AMINE HYDROCHLORIDE * (+)-alpha-(1-((2,2-DI-3-THIENYL)-2-ENYL)AMINO)ETHYL)BENZYL ALCOHOL HYDROCHLORIDE * NOVOCEBRIN HYDROCHLORIDE * TINOFEDRINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:6600 mg/kg DRFUD4 4,286,79
orl-mus LD50:1890 mg/kg DRFUD4 4,286,79
ipr-mus LD50:14 mg/kg DRFUD4 4,286,79
ivn-mus LD50:20150 ug/kg DRFUD4 4,286,79
ivn-dog LD50:20 mg/kg DRFUD4 4,286,79

D05464200 BENZYL ALCOHOL, alpha-(EPOXYETHYL)-p-METHOXY-
UPDT:8408 MW: 180.22 MOLFM: C10-H12-O3
SYN: alpha-(EPOXYETHYL)-p-METHOXYBENZYL ALCOHOL * 3-HYDROXY-ESTRADIOL-3,3-OXIDE

MUTATION DATA AND REFERENCES:
mma-sat 200 nmol/plate MUREAV 60,143,79

TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:43 mg/kg 12W-I CNREAB 43,1124,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D05465000 BENZYL ALCOHOL, alpha-EPOXYETHYL-1,2-(METHYLENEDIOXY)-, ACETATE (ester)
UPDT:8408 CAS: 59901-90-7 MW: 236.23 MOLFM: C12-H12-O5
SYN: 1-ACETOXYSAFROLE-2,3-OXIDE * 1,3-BENZODIOXOLE-5-METHANOL, alpha-(EPOXYETHYL)-, ACETATE (ester) * alpha-EPOXYETHYL-1,2-METHYLENEDIOXYBENZYL ALCOHOL ACETATE

MUTATION DATA AND REFERENCES:
mma-sat 800 nmol/plate MUREAV 60,143,79
mma-sat 250 ug/plate CNREAB 37,1883,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

D05470000 BENZYL ALCOHOL, alpha-ETHYL-
UPDT:8407 CAS: 93-54-9 MW: 136.2 MOLFM: C9-H12-O
SYN: BIBB * alpha-ETHYLBENZENEMETHANOL * alpha-ETHYLBENZYL ALCOHOL * ETHYL PHENYL CARBINOL * FELICUT * FELITROPE * FENICOL * alpha-(1-HYDROXYPROPYL)BENZENE * (1-HYDROXYPROPYL)BENZENE * PHENICOL * PHENYLHOL * PHENYLMETHYLCARBINOL (German) * PHENYLPROPYL ALCOHOL * 1-PHENYL-1-PROPANOL * 1-PHENYLPROPYL ALCOHOL * SA 151

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1600 mg/kg ARZNAD 12,347,62

orl mus LD50:1600 ug/kg ARZNAD 12,347,62

D05600010 BENZYL ALCOHOL, alpha-((ETHYLAMINO)METHYL)-m-HYDROXY-, (+-)

UPDT:8308 MW: 181.26 MOLFM: C10-H15-N-O2

SYN: (+-)-alpha-((ETHYLAMINO)METHYL)-m-HYDROXYBENZYL ALCOHOL * (+-)-ETHYLEPHRINE * R,S-ETHYLEPHRINE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:1191 mg/kg BEXBAN 87,220,79

D05603000 BENZYL ALCOHOL, alpha-((ETHYLAMINO)METHYL)-p-HYDROXY-

UPDT:8406 CAS: 4232-09-1 MW: 181.26 MOLFM: C10-H15-N-O2

SYN: BENZENEMETHANOL, alpha-((ETHYLAMINO)METHYL)-4-HYDROXY- (9CI) * alpha-(ETHYLAMINOMETHYL)-p-HYDROXYBENZYL ALCOHOL * ETHYLNORSYNEPHRINE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:600 mg/kg JPETAB 89,297,47

D05775000 BENZYL ALCOHOL, alpha-(1-(ETHYLMETHYLAMINO)ETHYL)-, HYDROCHLORIDE, (-)-

UPDT:8406 CAS: 5101-35-8 MW: 229.78 MOLFM: C12-H19-N-O-Cl-H

SYN: 1-N-ETHYLEPHEDRINE HYDROCHLORIDE * NENETYL * 2-METHYLETHYLAMINO-1-PHENYL-1-PROPANOL HYDROCHLORIDE * NETHAMINE HYDROCHLORIDE * NOVEDRIN HYDROCHLORIDE * 1-1-PHENYL-2-METHYLETHYLAMINOPROPAN-1-OL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

orl-rbt LDLo:550 mg/kg JPETAB 75,289,42

* ivn-rbt LD50:70 mg/kg JAPMA8 39,382,50

D05775100 BENZYL ALCOHOL, alpha-ETHYL-alpha-(1-METHYLAMINOETHYL)-, HYDROCHLORIDE, DL-

UPDT:8405 MW: 229.78 MOLFM: C12-H19-N-O-Cl-H

SYN: DL-alpha-ETHYL-alpha-(1-METHYLAMINOETHYL)BENZYL ALCOHOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:161 mg/kg PHARAT 24,776,69

D05950000 BENZYL ALCOHOL, alpha-ETHYNYL-, CARBAMATE

UPDT:8305 CAS: 3367-38-2 MW: 175.20 MOLFM: C10-H9-N-O2

SYN: BENZENEMETHANOL, alpha-ETHYNYL-, CARBAMATE (9CI) * CARBAMIC ACID, 1-PHENYL-2-PROPYNYL ESTER * CARBIMAT * CARFIMATE * CBC * EQUILIUM * alpha-ETHYNYLBENZYL CARBAMATE * NIRVOTIN * PHENYLETHYNYLCARBINOL CARBAMATE * 1-PHENYL-2-PROPYNYL CARBAMATE

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:150 mg/kg AIPTAK 99,245,54

* ipr-mus LD50:250 mg/kg AIPTAK 99,245,54

unk-mus LD50:250 mg/kg ARZNAD 6,136,56

BENZYL ALCOHOL FORMATE see: LQ5400000

D06310000 BENZYL ALCOHOL, alpha-((2-(HEXAHYDRO-1H-AZEPIN-1-YL)ETHOXY)METHYL)-

UPDT:8311 MW: 263.42 MOLFM: C16-H25-N-O2

SYN: alpha-((2-(HEXAHYDRO-1H-AZEPIN-1-YL)ETHOXY)METHYL)BENZYL ALCOHOL

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:750 mg/kg JPMSAE 50,769,61

D06310100 BENZYL ALCOHOL, alpha-((2-(HEXAHYDRO-1H-AZEPIN-1-YL)ETHOXY)METHYL)-, BENZOATE (ester), HYDROCHLORIDE

UPDT:8311 MW: 401.99 MOLFM: C23-H29-N-O3-Cl-H

SYN: alpha-((2-(HEXAHYDRO-1H-AZEPIN-1-YL)ETHOXY)METHYL)BENZYL ALCOHOL BENZOATE (ester) HCl

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:1000 mg/kg JPMSAE 50,769,61

D06349000 BENZYL ALCOHOL, alpha,alpha'-(HEXAMETHYLENEBIS(IMINOMETHYLENE))BIS(3,4-DIHYDROXY-, DIHYDROCHLORIDE

UPDT:8405 CAS: 4323-43-7 MW: 493.48 MOLFM: C22-H32-N2-O6-2Cl-H

SYN: HEXOPRENALINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:10 gm/kg OYYAA2 26,811,83

* ivn-rat LD50:58 mg/kg OYYAA2 26,811,83

D06350000 BENZYL ALCOHOL, alpha,alpha'-(HEXAMETHYLENEBIS(IMINOMETHYLENE))BIS(3,4-DIHYDROXY-, SULFATE (1:1) (SALT)

UPDT:8408 CAS: 32266-10-7 MW: 518.64 MOLFM: C22-H32-N2-O6-H2-O4-S

SYN: HEXOPRENALINE SULFATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T46 orl-rat TDLo:66 mg/kg (7-17D preg) OYYAA2 27,239,84

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:145 mg/kg NIIRDN 6,745,82

* scu-rat LD50:150 mg/kg NIIRDN 6,745,82

* ipr-mus LD50:159 mg/kg NIIRDN 6,745,82

* scu-mus LD50:274 mg/kg NIIRDN 6,745,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D06430000 BENZYL ALCOHOL, o-HYDROXY-

UPDT:8403 CAS: 90-01-7 MW: 124.15 MOLFM: C7-H8-O2

SYN: BENZENEMETHANOL, 2-HYDROXY- (9CI) * DIATHESIN * alpha,2-DIHYDROXYTOLUENE * 2-HYDROXYBENZENEMETHANOL * o-HYDROXYBENZYL ALCOHOL * 2-HYDROXYBENZYL ALCOHOL * o-(HYDROXYMETHYL)PHENOL * 2-HYDROXYMETHYLPHENOL * o-METHYLOLPHENOL * 2-METHYLOLPHENOL * SAL * SALICYL ALCOHOL * SALIGENIN * SALIGENOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T46 scu-rat TDLo:400 mg/kg (11D preg) RCOCB8 38,209,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D06525000 BENZYL ALCOHOL, p-HYDROXY-alpha-(ISOBUTYLAMINOMETHYL)-

UPDT:8406 MW: 209.32 MOLFM: C12-H19-N-O2

SYN: p-HYDROXY-alpha-(ISOBUTYLAMINOMETHYL)BENZYL ALCOHOL

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:220 mg/kg JPETAB 89,297,47

D06526000 BENZYL ALCOHOL, m-HYDROXY-alpha-((ISOPROPYLAMINO)METHYL)-

UPDT:8406 CAS: 3571-71-9 MW: 195.29 MOLFM: C11-H17-N-O2

SYN: BENZENEMETHANOL, 3-HYDROXY-alpha-((1-METHYLETHYL)AMINO)METHYL)- (9CI) * m-HYDROXY-alpha-(ISOPROPYLAMINOMETHYL)BENZYL ALCOHOL * ISOPROPYLNORADRIANOL * S 40045-9

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:320 mg/kg JPETAB 89,297,47

D06530000 BENZYL ALCOHOL, p-HYDROXY-alpha-ISOPROPYLAMINOMETHYL-

UPDT:8406 CAS: 7376-66-1 MW: 195.29 MOLFM: C11-H17-N-O2

SYN: 4-HYDROXY-alpha-ISOPROPYLAMINOMETHYLBENZYL ALCOHOL * WIN 833

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:370 mg/kg JPETAB 106,341,52

ivn-mus LD50:144 mg/kg JPETAB 106,341,52

D07175000 BENZYL ALCOHOL, m-HYDROXY-alpha-((METHYLAMINO)METHYL)-, (-)-

UPDT:8405 CAS: 59-42-7 MW: 167.23 MOLFM: C9-H13-N-O2

SYN: BENZENEMETHANOL, 3-HYDROXY-alpha-((METHYLAMINO)METHYL)-, (R)- (9CI) * 1-alpha-HYDROXY-beta-METHYLAMINO-3-HYDROXY-ETHYLBENZENE * 1-m-HYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL ALCOHOL * (-)-m-HYDROXY-alpha-(METHYLAMINOMETHYL)BENZYL ALCOHOL * 1-3-(m-HYDROXYPHENYL)-2-METHYLAMINOETHANOL * (-)-3-HYDROXYPHENYL-N-METHYLETHANOLAMINE * ISOPHRIN * MESATON * MESATONE * METAOXEDRIN * METAOXEDRINE * METASYMPATOL * METASYNEPHRINE * m-METHYLAMINOETHANOLPHENOL * MEZATON * R(-)-MEZATON * NEOSYNEPHRINE * m-OXEDRINE * (-)-m-OXEDRINE * PHENYLEPHRINE * (-)-PHENYLEPHRINE * R(-)-PHENYLEPHRINE * m-SYMPATHOL * m-SYMPATOL * m-SYNEPHRINE * VISADRON

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 ivn-dom TDLo:20 ug/kg (16W preg) AJOGAH 143,170,82

1T48 ivn-dom TDLo:40 ug/kg (16W preg) AJOGAH 143,170,82

TOXICITY DATA AND REFERENCES:

orl-rat LD50:350 mg/kg AIPTAK 180,155,69

scu-rat LD50:28 mg/kg JPETAB 85,119,45

ivn-rat LDLo:6800 ug/kg JPETAB 85,119,45

idu-rat LD50:65 mg/kg AIPTAK 180,155,69

1G30 ipr-mus LDLo:60 mg/kg JPETAB 160,22,68

* scu-mus LDLo:1000 mg/kg AIPTAK 101,81,55

ivn-mus LD50:38 mg/kg APTOA6 38,474,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D07175010 BENZYL ALCOHOL, m-HYDROXY-alpha-((METHYLAMINO)METHYL)-, (+-)-

UPDT:8308 CAS: 1477-63-0 MW: 167.23 MOLFM: C9-H13-N-O2

SYN: BENZENEMETHANOL, 3-HYDROXY-alpha-((METHYLAMINO)METHYL)-, (+-)- * (+-)-m-HYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL ALCOHOL * dl-MESATONE * (+-)-NEOSYNEPHRINE * (+-)-PHENYLEPHRINE * dl-PHENYLEPHRINE * R,S-PHENYLEPHRINE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:800 mg/kg BEXBAN 87,220,79

D07350000 BENZYL ALCOHOL, p-HYDROXY-alpha-((METHYLAMINO)METHYL)-

UPDT:8406 CAS: 94-07-5 MW: 167.23 MOLFM: C9-H13-N-O2

SYN: ANALEPTIN * ETHAPHENE * 4-HYDROXY-alpha-((METHYLAMINO)METHYL)BENZENEMETHANOL * p-HYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL ALCOHOL * p-HYDROXYPHENYLMETHYLAMINOETHANOL * 1-(4-HYDROXYPHENYL)-2-METHYLAMINOETHANOL * 1-(4-HYDROXYPHENYL)-N-METHYLETHANOLAMINE * 4-METHYLAMINOETHANOLPHENOL * beta-METHYLAMINO-alpha-(4-HYDROXYPHENYL)ETHYL ALCOHOL * METHYLAMINOMETHYL(4-HYDROXYPHENYL)CARBINOL * OXEDRINE * PARASYMPATOL * SIMPALON * SIMPATOL * SYMPATHOL * SYMPATOL * SYNEPHRIN * SYNEPHRINE * p-SYNEPHRINE * SYNTHENATE

TOXICITY DATA AND REFERENCES:

* scu-rat LDLo:1500 mg/kg AIPTAK 101,81,55

* ipr-mus LD50:1000 mg/kg JPETAB 89,297,47

ivn-mus LD50:270 mg/kg JPETAB 106,341,52

* ivn-rbt LDLo:150 mg/kg AIPTAK 101,81,55

D07525000 BENZYL ALCOHOL, m-HYDROXY-alpha-((METHYLAMINO)METHYL)-, HYDROCHLORIDE, (-)-

UPDT:8412 CAS: 61-76-7 MW: 203.69 MOLFM: C9-H13-N-O2-Cl-H

SYN: ADRIANOL * ALCON-EFRIN * ALMETRIN * BENZENEMETHANOL, 3-HYDROXY-alpha-((METHYLAMINO)METHYL)-, HYDROCHLORIDE (1:1) * BIOMYDRIN * CONDRIN * CONSDRIN HYDROCHLORIDE * DEMIZENE * EFRICEL * EMAGRIN * FENDIX * FURACRINE * HISTAMID * FENILEAR * (-)-alpha-HYDROXY-beta-(METHYLAMINO)ETHYL-alpha-(3-HYDROXYBENZENE) HYDROCHLORIDE * (R)-3-HYDROXY-alpha-((METHYLAMINO)METHYL)BENZENEMETHANOL HYDROCHLORIDE * 1-m-HYDROXY-alpha-(METHYLAMINOMETHYL)-BENZYL ALCOHOL HYDROCHLORIDE * 1-1-(m-HYDROXYPHENYL)-2-METHYLAMINOETHANOL HYDROCHLORIDE * IDRIANOL * ISOPHRINE * ISOPHRIN HYDROCHLORIDE * LEXATOL * METAOXEDRIN * METAOXEDRINE * METAOXEDRINUM * META-SYMPATHOL * META-SYMPATOL * META-SYNEPHRINE * META-SYNEPHRINE HYDROCHLORIDE * m-METHYLAMINOETHANOLPHENOL HYDROCHLORIDE * METROXEDRINE * MEZATON * MYDFRIN * NCI-C55641 * NEOOXEDRINE * NEOPHRYN * NEO-SINEFRINA * NEOSYMPATOL * NEOSYNEPHRINE * NEOSYNEPHRINE HYDROCHLORIDE * NEOSYNESINE * NEWPHRINE * OCUSOL * OPTALERINE * OP-ISOPHRIN * m-OXEDRINE * PHENISTAN * PHENYL DRANE * PHENYLEPHRINE HYDROCHLORIDE * D,L-PHENYLEPHRINE HYDROCHLORIDE * PREFRIN * PYRACORT D * PYRISTAN * RHINALL * STANEPHRIN * SUCRAPHEN * m-SYMPATHOL * SYNASAL * SYNETHENATE * URI * VISADRON

MUTATION DATA AND REFERENCES:

mmo-sat 100 ug/L FOMIAZ 25,388,80

mmo-esc 250 ug/L FCTXAV 18,215,80

dnr-esc 10 mg/L FOMIAZ 25,388,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T16T34 scu-rbt TDLo:15 mg/kg (22-31D preg) SGOBA9 129,341,69

TOXICITY DATA AND REFERENCES:

orl-rat LD50:350 mg/kg AIPTAK 180,155,69

ipr-rat LD50:17 mg/kg JPETAB 86,284,46

scu-rat LD50:27 mg/kg JPETAB 86,284,46

ivn-rat LDLo:6800 ug/kg JPETAB 85,119,45

orl-mus LD50:120 mg/kg IJNEAQ 4,219,65

ipr-mus LD50:89 mg/kg TXAPA9 28,227,74

scu-mus LD50:22 mg/kg JPETAB 86,284,46

3F12J22J30 ivn-mus LD50:1120 ug/kg EJPHAZ 9,289,70

ipr-dog LDLo:16 mg/kg IJNEAQ 4,219,65

scu-rbt LD50:22 mg/kg JPETAB 86,284,46

ivn-rbt LD50:500 ug/kg JPETAB 86,284,46

ims-rbt LD50:7200 ug/kg JPETAB 86,284,46

STATUS:

NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D07880000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((2-(2-METHYL-1,3-BENZODIOXOL-2-YL)ETHYL)AMINO)ETHYL)-, HYDROCHLORIDE

UPDT:8312 MW: 365.89 MOLFM: C19-H23-N-O4-Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:160 mg/kg FRPSAX 38,571,83

D07890000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((2-METHYL-1,4-BENZODIOXAN-2-YLMETHYL)AMINO)ETHYL)-, HYDROCHLORIDE

UPDT:8312 MW: 365.89 MOLFM: C19-H23-N-O4-Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:125 mg/kg FRPSAX 38,571,83

D07900000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((1-METHYL-2-(2-METHYL-1,3-BENZODIOXOL-2-YL)ETHYL)AMINO) ETHYL)-, HYDROCHLORIDE

UPDT:8312 MW: 379.92 MOLFM: C20-H25-N-O4-Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:105 mg/kg FRPSAX 38,571,83

D08050000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)-

UPDT:8411 CAS: 395-28-6 MW: 301.42 MOLFM: C18-H23-N-O3

SYN: DILAVASE * DUVADILAN * p-HYDROXY-N-(1-METHYL-2-PHENOXYETHYL)NOREPHEDRINE * 1-(4-HYDROXYPHENYL)-2-(1-METHYL-2-PHENOXYETHYLAMINO)PROPANOL * 1-p-HYDROXYPHENYL-2-(1-METHYL-2-PHENOXYETHYLAMINO)PROPANOL-2 HYDROCHLORIDE * ISOXSUPRINE * 2-(PHENOXY-2-PROPYLAMINO)-1-(p-HYDROXYPHENYL)-1-PROPANOL HYDROCHLORIDE * VASODILAN * VASODILIAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 orl-wmn TDLo:800 ug/kg (1D pre) RDCNBM 5,31,81

2T39T49 ims-rbt TDLo:10 mg/kg (25D preg) PEREBL 14,278,80

1T83 ims-rbt TDLo:10 mg/kg (26D preg) AJOGAH 129,691,77

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1100 mg/kg FRPSAX 38,904,83

* ipr-mus LD50:118 mg/kg FRPSAX 38,571,83

ivn-mus LD50:48 mg/kg EJMCA5 10,291,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D08100000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)-, p-ACETATE

UPDT:8403 MW: 343.46 MOLFM: C20-H25-N-O4

SYN: p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)BENZYL ALCOHOL p-ACETATE * 4-(1-HYDROXY-2-((1-METHYL-2-PHENOXYETHYL)AMINO)PROPYL)PHENYL ACETATE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:550 mg/kg FRPSAX 38,904,83

D08225000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 579-56-6 MW: 337.88 MOLFM: C18-H23-N-O3 Cl-H
SYN: BENZENEMETHANOL, 4-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)-, HYDROCHLORIDE * DILAVASE * DUVADILAN * 1-(p-HYDROXYPHENYL)-2-(1-METHYL-2-PHENOXY)ETHYLAMINOPROPANOL-1 HYDROCHLORIDE * ISOLAIT * ISOXSUPRINE HYDROCHLORIDE * ISOXSUPRIN HYDROCHLORIDE * SUPRILENT * VADOSILAN * VASODILAN * VASOPLEX * VASOSPAN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1750 mg/kg TXAPA9 18,185,71
ipr-rat LD50:164 mg/kg TXAPA9 18,185,71
* orl-rbt LD50:1100 mg/kg NIIRDN 6,71,82
* ipr-mus LD50:185 mg/kg NIIRDN 6,71,82
* ivn-mus LD50:61 mg/kg NIIRDN 6,71,82
* ivn-dog LD50:57 mg/kg NIIRDN 6,71,82

D08230000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)-, p-ISOBUTYRATE
UPDT:8403 MW: 371.52 MOLFM: C22-H29-N-O4
SYN: p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)BENZYL ALCOHOL p-ISOBUTYRATE * 4-(1-HYDROXY-2-((1-METHYL-2-PHENOXYETHYL)AMINO)PROPYL)PHENYL (2-METHYL)PROPANOATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1700 mg/kg FRPSAX 38,904,83

D08240000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)-, PIVALATE
UPDT:8403 MW: 385.45 MOLFM: C23-H31-N-O4
SYN: p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)BENZYL ALCOHOL PIVALATE * 4-(1-HYDROXY-2-((1-METHYL-2-PHENOXYETHYL)AMINO)PROPYL)PHENYL (2,2-DIMETHYL)PROPANOATE * LR693
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg FRPSAX 38,904,83

D08250000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)-, p-PROPIONATE
UPDT:8403 MW: 357.49 MOLFM: C21-H27-N-O4
SYN: p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)BENZYL ALCOHOL p-PROPIONATE * 4-(1-HYDROXY-2-((1-METHYL-2-PHENOXYETHYL)AMINO)PROPYL)PHENYL PROPANOATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:580 mg/kg FRPSAX 38,904,83

D08305000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((1-METHYL-2-(PHENYLTHIO)ETHYL)AMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8408 CAS: 34920-63-3 MW: 353.94 MOLFM: C18-H23-N-O2-S Cl-H
SYN: 1-(p-HYDROXYPHENYL)-2-(1-METHYL-2-PHENYLTHIOETHYLAMINO)-1-PROPANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:680 mg/kg CHTPBA 6,474,71

D08306000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((2-(PHENYLTHIO)ETHYL)AMINO)ETHYL)-
UPDT:8408 CAS: 34920-62-2 MW: 303.45 MOLFM: C17-H21-N-O2-S
SYN: BENZENEMETHANOL, 4-HYDROXY-alpha-(1-((2-(PHENYLTHIO)ETHYL)AMINO)ETHYL)- * p-HYDROXY-alpha-(1-((2-(PHENYLTHIO)ETHYL)THIO)ETHYL)BENZYL ALCOHOL
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:698 mg/kg CHTPBA 6,474,71

D08307000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((3-(PHENYLTHIO)PROPYL)AMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8408 CAS: 34920-64-4 MW: 353.94 MOLFM: C18-H23-N-O2-S Cl-H
SYN: BENZENEMETHANOL, 4-HYDROXY-alpha-(1-((3-(PHENYLTHIO)PROPYL)AMINO)ETHYL)-, HYDROCHLORIDE * 1-(p-HYDROXYPHENYL)-2-(3-PHENYLTHIOPROPYLAMINO)-1-PROPANOL HYDROCHLORIDE * p-HYDROXY-alpha-(1-((3-(PHENYLTHIO)PROPYL)AMINO)ETHYL)BENZYL ALCOHOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:650 mg/kg CHTPBA 6,474,71
* orl-mus LD50:650 mg/kg CHTPBA 6,474,71
* scu-mus LD50:125 mg/kg CHTPBA 6,474,71
* scu-dog LDLo:300 mg/kg CHTPBA 6,474,71
* ivn-dog LDLo:65 mg/kg CHTPBA 6,474,71
* ivn-rbt LD50:27 mg/kg CHTPBA 6,474,71

D08312000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((3-PHENYL-1,4-BENZODIOXAN-2-YLMETHYL)AMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8312 MW: 427.96 MOLFM: C24-H25-N-O4 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:110 mg/kg FRPSAX 38,571,83

D08313000 BENZYL ALCOHOL, p-HYDROXY-alpha-(PROPYLAMINOMETHYL)-
UPDT:8406 CAS: 4232-10-4 MW: 195.29 MOLFM: C11-H17-N-O2
SYN: p-HYDROXY-alpha-(PROPYLAMINOMETHYL)BENZYL ALCOHOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg JPETAB 89,297,47

BENZYL ALCOHOL, ether with ISOEUGENOL see: CY8225000
BENZYL ALCOHOL, p-ISOPROPYL- see: GZ7260000

D08500000 BENZYL ALCOHOL, alpha-(ISOPROPYLAMINOMETHYL)-
UPDT:8406 CAS: 4164-21-0 MW: 179.29 MOLFM: C11-H17-N-O
SYN: alpha-(ISOPROPYLAMINOMETHYL)BENZYL ALCOHOL * 1-PHENYL-2-ISOPROPYLAMINOETHANOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:180 mg/kg JPETAB 89,297,47

D08770000 BENZYL ALCOHOL, alpha-((2-(ISOPROPYLMETHYLAMINO)ETHOXY)METHYL)-
UPDT:8311 MW: 237.38 MOLFM: C14-H23-N-O2
SYN: alpha-((2-(ISOPROPYLMETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL * 2-(2-(N-METHYL-N-ISOPROPYLAMINO)ETHOXY)-1-PHENYLETHANOL
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JPMSAE 50,769,61

D08770200 BENZYL ALCOHOL, alpha-((2-(ISOPROPYLMETHYLAMINO)ETHOXY)METHYL)-, BENZOATE (ester)
UPDT:8402 MW: 341.49 MOLFM: C21-H27-N-O3
SYN: alpha-((2-(ISOPROPYLMETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:300 mg/kg JPMSAE 50,769,61

D08770500 BENZYL ALCOHOL, alpha-((2-(ISOPROPYLMETHYLAMINO)ETHOXY)METHYL)-, HYDROCHLORIDE
UPDT:8311 MW: 273.84 MOLFM: C14-H23-N-O2 Cl-H
SYN: alpha-((2-(ISOPROPYLMETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JPMSAE 50,769,61

D08780000 BENZYL ALCOHOL, alpha-((ISOPROPYLMETHYLAMINO)METHYL)-, p-AMINOBENZOATE (ester), DIHYDROCHLORIDE
UPDT:8309 MW: 385.37 MOLFM: C19-H24-N2-O2 2Cl-H
SYN: alpha-((ISOPROPYLMETHYLAMINO)METHYL)BENZYL ALCOHOL p-AMINOBENZOATE (ester) DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:100 mg/kg JACSAT 81,203,59

D08782000 BENZYL ALCOHOL, alpha-((ISOPROPYLMETHYLAMINO)METHYL)-, BENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 333.89 MOLFM: C19-H23-N-O2 Cl-H
SYN: alpha-((ISOPROPYLMETHYLAMINO)METHYL)BENZYL ALCOHOL BENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

D08784000 BENZYL ALCOHOL, alpha-((ISOPROPYLMETHYLAMINO)METHYL)-, o-ETHOXYBENZOATE (ester)
UPDT:8309 MW: 341.49 MOLFM: C21-H27-N-O3
SYN: alpha-((ISOPROPYLMETHYLAMINO)METHYL)BENZYL ALCOHOL o-ETHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:500 mg/kg JACSAT 81,203,59

D08910000 BENZYL ALCOHOL, p-(ISOPROPYLTHIO)-alpha-(1-(OCTYLAMINO)ETHYL)-, erythro-
UPDT:8412 CAS: 54767-75-8 MW: 337.62 MOLFM: C20-H35-N-O-S
SYN: BENZENEMETHANOL, 4-((1-METHYLETHYL)THIO)-alpha-(1-(OCTYLAMINO)ETHYL)-, (R*,S*)- * BENZYL ALCOHOL, p-(ISOPROPYLTHIO)-alpha-(1-(OCTYLAMINO)ETHYL)-, (R*,S*)- * CP 5565 * erythro-p-(ISOPROPYLTHIO)-alpha-(1-(OCTYLAMINO)ETHYL)BENZYL ALCOHOL * erythro-1-(4-ISOPROPYLTHIOPHENYL)-2-n-OCTYLAMINOPROPANOL * (R*,S*)-4-((1-METHYLETHYL)THIO)-alpha-(1-(OCTYLAMINO)ETHYL)BENZENEMETHANOL * SULOCTIDIL * SULOCTIDYL * SULOCTON
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:550 mg/kg (7-17D preg) IYKEDH 14,750,83
1T46 orl-rat TDLo:275 mg/kg (7-17D preg) IYKEDH 14,750,83
1T72 orl-rat TDLo:600 mg/kg (17-22D preg) IYKEDH 14,761,83
1T75 orl-rat TDLo:900 mg/kg (17-22D preg/3D post) IYKEDH 14,761,83
1T76 orl-rat TDLo:2700 mg/kg (17-22D preg/21D post) IYKEDH 14,761,83
2T31T34 orl-rbt TDLo:1820 mg/kg (6-18D preg) IYKEDH 14,770,83
TOXICITY DATA AND REFERENCES:
3F17J22K12 orl-rat LD50:1740 mg/kg IYKEDH 15,10,84
2F17J22 scu-rat LD50:2600 mg/kg IYKEDH 15,10,84
2F17J22 ivn-rat LD50:8500 ug/kg IYKEDH 15,10,84
1H05 orl-mus LD50:3700 mg/kg GWXXBX #2334404
2F17J22 scu-mus LD50:1720 mg/kg IYKEDH 15,10,84
2F17J22 ivn-mus LD50:8400 ug/kg IYKEDH 15,10,84
3F17J22K12 orl-rbt LD50:1195 mg/kg IYKEDH 15,10,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BENZYL ALCOHOL, p-((ISOPROPYLTHIO)-alpha-(1-(OCTYLAMINO)ETHYL)-, (R*,S*)- see: DO8910000

D08925000 BENZYL ALCOHOL, p-METHOXY-
UPDT:8408 CAS: 105-13-5 MW: 138.18 MOLFM: C8-H10-O2
SYN: ANISE ALCOHOL * ANISIC ALCOHOL * p-ANISOL ALCOHOL * ANISYL ALCOHOL * 4-METHOXYBENZENEMETHANOL * p-METHOXYBENZYL ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,825,74
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1200 mg/kg JPETAB 93,26,48
orl-mus LD50:1600 mg/kg JPETAB 93,26,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

D09180000 BENZYL ALCOHOL, o-(5-(m-METHOXYPHENYL)-s-TRIAZOL-3-YL)-
UPDT:8401 CAS: 75318-77-3 MW: 281.34 MOLFM: C16-H15-N3-O2
SYN: 3-(2-(HYDROXYMETHYL)PHENYL)-5-(3-METHOXYPHENYL)-s-TRIAZOLE * o-(5-(m-METHOXYPHENYL)-s-TRIAZOL-3-YL)BENZYL ALCOHOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-ham TDLo:75 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T25 scu-ham TDLo:400 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D09200000 BENZYL ALCOHOL, p-METHOXY-alpha-VINYL-
UPDT:8408 CAS: 51410-44-7 MW: 164.22 MOLFM: C10-H12-O2
SYN: ESTRAGOLE 1-HYDROXY- * 1-HYDROXYESTRAGOLE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 60,143,79
mma-sat 1 umol/plate MUREAV 60,143,79
TUMORIGENIC DATA AND REFERENCES:
3V01L60L61 orl-mus TDLo:106 gm/kg/1Y-C CNREAB 43,1124,83
3V01J60L60 scu-mus TDLo:131 mg/kg/22D-I JNCIAM 57,1323,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D09205000 BENZYL ALCOHOL, p-METHOXY-alpha-VINYL-, ACETATE (ester)
UPDT:8403 CAS: 61691-82-5 MW: 206.26 MOLFM: C12-H14-O3
SYN: 1-ACETOXYESTRAGOLE * BENZENEMETHANOL, alpha-ETHENYL-4-METHOXY-, ACETATE (9CI) * p-METHOXY-alpha-VINYLBENZYL ALCOHOL ACETATE (ester)
MUTATION DATA AND REFERENCES:
dnd-hmn:fbr 500 umol/L CRNGDP 3,935,82
dnd-hmn:oth 500 umol/L CRNGDP 3,935,82
dns-hmn:oth 500 umol/L CRNGDP 3,929,82
dni-hmn:oth 300 umol/L CRNGDP 3,929,82
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

D09275000 BENZYL ALCOHOL, alpha-METHYL-
UPDT:8412 CAS: 98-85-1 MW: 122.18 MOLFM: C8-H10-O
SYN: BENZENEMETHANOL, alpha-METHYL- * ETHANOL, 1-PHENYL- * METHANOL, METHYLPHENYL- * alpha-METHYLBENZYL ALCOHOL * alpha-METHYLBENZYL ALCOHOL (DOT) * METHYLPHENYLCARBINOL * NCI-C55685 * alpha-PHENETHYL ALCOHOL * 1-PHENYLETHANOL * PHENYLMETHYLCARBINOL * STYRALLYL ALCOHOL * STYRALYL ALCOHOL * UN 2937 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 26,269,44
skn-rbt 500 mg/24H MOD FCTXAV 12,995,74
eye-rbt 2 mg SEV AJOPAA 29,1363,46
MUTATION DATA AND REFERENCES:
cyt-smc 5 mmol/tube HEREAY 33,457,47
TOXICITY DATA AND REFERENCES:
orl-rat LD50:400 mg/kg JIHTAB 26,269,44
* skn-rbt LD50:2500 mg/kg FCTXAV 12,995,74
STANDARDS & REGULATIONS:
★ DOT IMO:POISON B, LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D09370000 BENZYL ALCOHOL, p-METHYL-
UPDT:8407 CAS: 589-18-4 MW: 122.18 MOLFM: C8-H10-O
SYN: 4-METHYL BENZENEMETHANOL (9CI) * p-METHYLBENZYLALCOHOL * 4-METHYLBENZYL ALCOHOL * p-METHYLBENZYLALROHOL (German) * p-TOLYLCARBINOL * 4-TOLYLCARBINOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 20(Suppl),839,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1400 mg/kg ARZNAD 12,347,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

D09430000 BENZYL ALCOHOL, alpha-(alpha-METHYLAMINOBENZYL)-, HYDROCHLORIDE
UPDT:8410 MW: 263.79 MOLFM: C15-H17-N-O Cl-H

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:886 mg/kg JAPMAB 39,354,50

D09950000 BENZYL ALCOHOL, m-((p-(METHYLAMINO)PHENYL)AZO)-
UPDT:8403 MW: 241.32 MOLFM: C14 H15 N3 O
SYN: 3-HYDROXYMETHYL-N-METHYL-4-AMINOAZOBENZENE * m-((p-(METHYLAMINO)PHENYL)AZO)BENZYL ALCOHOL
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate MUREAV 122,13,83

D09970000 BENZYL ALCOHOL, 3-((p-METHYLAMINOPHENYL)AZO)-
UPDT:8403 MW: 241.32 MOLFM: C14 H15 N3 O
SYN: 3-((p-METHYLAMINOPHENYL)AZO)BENZYL ALCOHOL
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate CRNGDP 4,1487,83
mma-sat 1 umol/plate CRNGDP 1,121,80

DP0352000 BENZYL ALCOHOL, alpha-((N-METHYLANILINO)METHYL)-, o-METHOXYBENZOATE (ester)
UPDT:8309 MW: 361.47 MOLFM: C23 H23 N O3
SYN: alpha-((N-METHYLANILINO)METHYL)BENZYL ALCOHOL o-METHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

DP0420000 BENZYL ALCOHOL, alpha-(METHYLCYCLOHEXYLAMINO)-, o-METHOXYBENZOATE (ester)
UPDT:8309 MW: 367.53 MOLFM: C23 H29 N O3
SYN: BENZOIC ACID, o-METHOXY-, alpha-((METHYLCYCLOHEXYLAMINO)METHYL)BENZYL ESTER * alpha-(METHYLCYCLOHEXYLAMINO)BENZYL ALCOHOL o-METHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

DP0530000 BENZYL ALCOHOL, alpha-METHYLNITROSOAMINO-, ACETATE (ester)
UPDT:8303 CAS: 53198-46-2 MW: 208.24 MOLFM: C10 H12 N2 O2
SYN: N-METHYL-N-(alpha-ACETOXYBENZYL)NITROSAMINE * alpha-METHYLNITROSOAMINOBENZYL ALCOHOL ACETATE (ester) * N-NITROSO-N-METHYL-N-alpha-ACETOXYBENZYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 250 ng/plate CALEDQ 2,305,77
msc-ham:lng 1 umol/L GANNA2 73,517,82

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DP0600000 BENZYL ALCOHOL, alpha-(1-(N-METHYL-N-NITROSOAMINO)ETHYL)-
UPDT:8405 CAS: 17608-59-2 MW: 194.26 MOLFM: C10 H14 N2 O2
SYN: alpha-(1-(N-METHYL-N-NITROSOAMINO)ETHYL)BENZYL ALCOHOL * 2-(N-METHYL-N-NITROSOAMINO)-1-PHENYL-1-PROPANOL * N-NITROSOEPHEDRINE * 1-PROPANOL, 2-(N-METHYL-N-NITROSOAMINO)-1-PHENYL-
MUTATION DATA AND REFERENCES:
mma-sat 30 ug/plate CALEDQ 21,63,83
atr-ham:kdy 80 ug/L BJCAAI 37,873,78
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-rat TDLo:17 gm/kg/71W-I CALEDQ 5,103,78
2V01L60 ipr-mus TDLo:600 mg/kg/7D-I CNREA8 35,1981,75
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:392 mg/kg CNREA8 35,1981,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DP0610000 BENZYL ALCOHOL, alpha-(1-(METHYLPENTYLAMINO)ETHYL)-, HYDROCHLORIDE, DL-
UPDT:8405 MW: 271.87 MOLFM: C15 H25 N O Cl H
SYN: EPHEDRINE, N-PENTYL-, HYDROCHLORIDE, DL- * DL-alpha-(1-(METHYLPENTYLAMINO)ETHYL)BENZYL ALCOHOL HYDROCHLORIDE * DL-N-PENTYLEPHEDRINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F17F12F20 ipr-mus LD50:92 mg/kg PHARAT 24,776,69

DP0620000 BENZYL ALCOHOL, alpha-METHYL-, PROPIONATE
UPDT:8407 CAS: 120-45-6 MW: 178.25 MOLFM: C11 H14 O2
SYN: alpha-METHYLBENZYL ALCOHOL PROPIONATE * alpha-METHYLBENZYL PROPANOATE * METHYLPHENYLCARBINYL PROPIONATE * 1-PHENYLETHYL PROPIONATE * PHENYLMETHYLCARBINYL PROPIONATE * PROPIONIC ACID, alpha-METHYLBENZYL ESTER * STYRALLYL PROPIONATE * STYROLYL PROPIONATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,613,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5200 mg/kg FCTXAV 14,613,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DP0700000 BENZYL ALCOHOL, alpha-(1-(PENTYLAMINO)ETHYL)-, HYDROCHLORIDE, (+-)-
UPDT:8411 CAS: 63990-97-6 MW: 257.84 MOLFM: C14 H23 N O Cl H
TOXICITY DATA AND REFERENCES:
ivn-rbt LDLo:20 mg/kg JPETAB 36,363,29

DP0775800 BENZYL ALCOHOL, alpha-(2-PHENYLCYCLOPROPYL)-, (1-alpha(R*),2-beta)-
UPDT:8311 CAS: 63855-88-9 MW: 224.32 MOLFM: C16 H16 O
SYN: BENZENEMETHANOL, alpha-(2-PHENYLCYCLOPROPYL)-, (1-alpha(R*),2-beta)-(9CI) * (1-alpha(R*),2-beta)-alpha-(2-PHENYLCYCLOPROPYL)BENZYL ALCOHOL
TOXICITY DATA AND REFERENCES:
3F17F18F25 orl-mus LD50:600 mg/kg EJMCA5 12,177,77

DP0830000 BENZYL ALCOHOL, alpha-(5-(1-PIPERIDINYL)-1-PENTYNYL)-, HYDROCHLORIDE
UPDT:8311 CAS: 53310-31-9 MW: 293.87 MOLFM: C17 H23 N O Cl H
SYN: alpha-(5-(1-PIPERIDINYL)-1-PENTYNYL)BENZENEMETHANOL HYDROCHLORIDE * alpha-(5-(1-PIPERIDINYL)-1-PENTYNYL)BENZYL ALCOHOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
" orl-mus LD50:150 mg/kg EJMCA5 9,59,74
" ivn-mus LD50:14500 ug/kg EJMCA5 9,59,74

DP1235000 BENZYL ALCOHOL, alpha-((2-(1-PYRROLIDINYL)ETHOXY)METHYL)-
UPDT:8311 MW: 235.36 MOLFM: C14 H21 N O2
SYN: alpha-((2-(1-PYRROLIDINYL)ETHOXY)METHYL)BENZYL ALCOHOL
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JPMSAE 50,769,61

DP1235100 BENZYL ALCOHOL, alpha-((2-(1-PYRROLIDINYL)ETHOXY)METHYL)-, BENZOATE (ester)
UPDT:8311 MW: 339.47 MOLFM: C21 H25 N O3
SYN: alpha-((2-(1-PYRROLIDINYL)ETHOXY)METHYL)BENZYL ALCOHOL BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JPMSAE 50,769,61

DP1235300 BENZYL ALCOHOL, alpha-((2-(1-PYRROLIDINYL)ETHOXY)METHYL)-, HYDROCHLORIDE
UPDT:8311 MW: 271.82 MOLFM: C14 H21 N O2 Cl H
SYN: alpha-((2-(1-PYRROLIDINYL)ETHOXY)METHYL)BENZYL ALCOHOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JPMSAE 50,769,61

BENZYL ALCOHOL, 2,4,5-TRICHLORO-alpha-(CHLOROMETHYLENE)-, DIMETHYL PHOSPHATE see: TB9050000PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL DIMETHYL ESTER

BENZYL ALCOHOL, alpha-(TRICHLOROMETHYL)-, ACETATE see: AJB375000

DP1402000 BENZYL ALCOHOL, 2,4,6-TRIMETHYL-
UPDT:8407 CAS: 4170-90-5 MW: 150.24 MOLFM: C10 H14 O
SYN: MESITYLCARBINOL * 2,4,6-TRIMETHYL BENZENEMETHANOL (9CI) * 2,4,6-TRIMETHYLBENZYL ALCOHOL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3 gm/kg ARZNAD 12,347,62

BENZYLAMIDE see: UE3150000

1-BENZYLAMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE see: YS1780600

DP1574500 BENZYLAMINE, N,N-BIS(2-BROMOETHYL)-2-METHOXY-5-NITRO-
UPDT:8408 CAS: 56537-95-2 MW: 396.12 MOLFM: C12 H16 Br2 N2 O3
SYN: BIS(2-BROMOETHYL)AMINOMETHYL-4-METHOXYNITROBENZENE * N,N-BIS(2-BROMOETHYL)-2-METHOXY-5-NITROBENZYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:15 mg/kg (1-3D preg) IJMRAQ 64,244,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DP1576000 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-m-BROMO-
UPDT:8403 CAS: 2361-59-3 MW: 311.07 MOLFM: C11 H14 Br Cl2 N
SYN: BENZENEMETHANAMINE, 3-BROMO-N,N-BIS(2-CHLOROETHYL)- (9CI) * N,N-BIS(2-CHLOROETHYL)-m-BROMOBENZYLAMINE * m-BROMO-DCBA * m-BROMO-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DP1576200 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-o-BROMO-
UPDT:8403 CAS: 2361-57-1 MW: 311.07 MOLFM: C11 H14 Br Cl2 N
SYN: BENZENEMETHANAMINE, 2-BROMO-N,N-BIS(2-CHLOROETHYL)- (9CI) * N,N-BIS(2-CHLOROETHYL)-o-BROMOBENZYLAMINE * o-BROMO-DCBA * o-BROMO-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DP1576400 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-p-BROMO-
UPDT:8403 CAS: 2743-05-7 MW: 311.07 MOLFM: C11 H14 Br Cl2 N
SYN: BENZENEMETHANAMINE, 4-BROMO-N,N-BIS(2-CHLOROETHYL)- (9CI) * N,N-BIS(2-CHLOROETHYL)-p-BROMOBENZYLAMINE * p-BROMO-DCBA * p-BROMO-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DP1578000 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-m-CHLORO-
UPDT:8403 CAS: 2361-63-9 MW: 266.61 MOLFM: C11 H14 Cl3 N
SYN: BENZENEMETHANAMINE, 3-CHLORO-N,N-BIS(2-CHLOROETHYL)- (9CI) * N,N-BIS(2-CHLOROETHYL)-m-CHLOROBENZYLAMINE * m-CHLORO-DCBA * m-CHLORO-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DP1578200 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-o-CHLORO-
UPDT:8403 CAS: 2361-61-7 MW: 266.61 MOLFM: C11 H14 Cl3 N
SYN: BENZENEMETHANAMINE, 2-CHLORO-N,N-BIS(2-CHLOROETHYL)- (9CI) * N,N-BIS(2-CHLOROETHYL)-o-CHLOROBENZYLAMINE * o-CHLORO-DCBA * o-CHLORO-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DP1578400 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-p-CHLORO-
UPDT:8401 CAS: 36167-84-7 MW: 266.61 MOLFM: C11 H14 Cl3 N
SYN: N,N-BIS(2-CHLOROETHYL)-p-CHLOROBENZYLAMINE * p-CHLORO-DCBA * p-CHLORO-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DP1582000 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-m-FLUORO-
UPDT:8404 CAS: 1542-44-3 MW: 250.16 MOLFM: C11 H14 Cl2 F N
SYN: BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-3-FLUORO- (9CI) * N,N-BIS(2-CHLOROETHYL)-m-FLUOROBENZYLAMINE * m-FLUORO-DCBA * m-FLUORO-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DP1582100 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-o-FLUORO-
UPDT:8403 CAS: 1542-45-6 MW: 250.16 MOLFM: C11 H14 Cl2 F N
SYN: BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-2-FLUORO- (9CI) * N,N-BIS(2-CHLOROETHYL)-o-FLUOROBENZYLAMINE * o-FLUORO-DCBA * o-FLUORO-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DP1582200 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-p-FLUORO-
UPDT:8403 CAS: 1542-46-7 MW: 250.16 MOLFM: C11 H14 Cl2 F N
SYN: BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-4-FLUORO- (9CI) * N,N-BIS(2-CHLOROETHYL)-p-FLUOROBENZYLAMINE * p-FLUORO-DCBA * p-FLUORO-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DP1588300 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-m-IODO-
UPDT:8403 CAS: 40372-95-0 MW: 358.06 MOLFM: C11 H14 Cl2 I N
SYN: BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-3-IODO- (9CI) * N,N-BIS(2-CHLOROETHYL)-m-IODOBENZYLAMINE * m-IODO-DCBA * m-IODO-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DP1588400 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-o-IODO-
UPDT:8403 CAS: 40373-00-0 MW: 358.06 MOLFM: C11 H14 Cl2 I N
SYN: BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-2-IODO- (9CI) * N,N-BIS(2-CHLOROETHYL)-o-IODOBENZYLAMINE * o-IODO-DCBA * o-IODO-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DP1588500 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-p-IODO-
UPDT:8403 CAS: 39644-00-3 MW: 358.06 MOLFM: C11 H14 Cl2 I N
SYN: BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-4-IODO- (9CI) * N,N-BIS(2-CHLOROETHYL)-p-IODOBENZYLAMINE * p-IODO-DCBA * p-IODO-DI-(2-CHLROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DP1591000 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-m-METHYL-
UPDT:8404 CAS: 30389-86-7 MW: 246.20 MOLFM: C12 H17 Cl2 N
SYN: N,N-BIS(2-CHLOROETHYL)-m-METHYLBENZYLAMINE * m-METHYL-DCBA * m-METHYL-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

BEST COPY AVAILABLE

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
DP1591500 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-o-METHYL-
UPDT:8406 CAS: 30377-48-1 MW: 246.20 MOLFM: C12-H17-Cl2-N
SYN: BENZENEMETHANAMINE, N,N-BIS(2-CHLOROETHYL)-2-METHYL- (9CI) * N,N-BIS(2-CHLOROETHYL)-o-METHYLBENZYLAMINE * N,N-BIS(2-CHLOROETHYL)-2-METHYLBENZENEMETHANAMINE * o-METHYL-DCBA * o-METHYL-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
DP1592000 BENZYLAMINE, N,N-BIS(2-CHLOROETHYL)-p-METHYL-
UPDT:8401 CAS: 30389-85-6 MW: 246.20 MOLFM: C12-H17-Cl2-N
SYN: N,N-BIS(2-CHLOROETHYL)-p-METHYLBENZYLAMINE * p-METHYL-DCBA * p-METHYL-DI-(2-CHLOROETHYL)-BENZYLAMINE
MUTATION DATA AND REFERENCES:
mmo-asn 2500 umol/L CYGEDX 8(2),31,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
DP1740000 BENZYLAMINE, N-(2-BROMOETHYL)-2-ETHOXY-5-NITRO-
UPDT:8408 CAS: 61361-59-9 MW: 302.19 MOLFM: C11-H15-Br-N2-O3
SYN: N-(2-BROMOETHYL)AMINOMETHYL-4-ETHOXYNITROBENZENE * N-(2-BROMOETHYL)-2-ETHOXY-5-NITROBENZYLAMINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:25 mg/kg IJMRAQ 66,987,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DP1742000 BENZYLAMINE, N-(2-BROMOETHYL)-2-METHOXY-5-NITRO-
UPDT:8408 CAS: 61361-58-8 MW: 289.16 MOLFM: C10-H13-Br-N2-O3
SYN: BENZENEMETHANAMINE, N-(2-BROMOETHYL)-2-METHOXY-5-NITRO- * N-(2-BROMOETHYL)AMINOMETHYL-4-METHOXYNITROBENZENE * N-(2-BROMOETHYL)-2-METHOXY-5-NITROBENZYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:10 mg/kg (4-5D preg) IJMRAQ 66,987,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:20 mg/kg IJMRAQ 66,987,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DP2700000 BENZYLAMINE, N-(2-CHLOROETHYL)-2-ETHOXY-5-NITRO-
UPDT:8408 CAS: 56538-02-4 MW: 258.73 MOLFM: C11-H15-Cl-N2-O3
SYN: BENZENEMETHANAMINE, N-(2-CHLOROETHYL)-2-ETHOXY-5-NITRO- * N-(2-CHLOROETHYL)AMINOMETHYL-4-ETHOXYNITROBENZENE * N-(2-CHLOROETHYL)-2-ETHOXY-5-NITROBENZYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:10 mg/kg (4-5D preg) IJMRAQ 66,987,77
1T27 orl-rat TDLo:20 mg/kg (6-9D preg) IJMRAQ 66,987,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:25 mg/kg IJMRAQ 66,987,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DP2950000 BENZYLAMINE, N-(2-CHLOROETHYL)-2-METHOXY-5-NITRO-
UPDT:8408 CAS: 56538-01-3 MW: 244.70 MOLFM: C10-H13-Cl-N2-O3
SYN: N-(2-CHLOROETHYL)AMINOMETHYL-4-METHOXYNITROBENZENE * N-(2-CHLOROETHYL)-2-METHOXY-5-NITROBENZYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:35 mg/kg (1-7D preg) IJMRAQ 66,987,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:28 mg/kg IJMRAQ 66,987,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DP3500000 BENZYLAMINE, N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)-
UPDT:8408 CAS: 59-96-1 MW: 303.86 MOLFM: C18-H22-Cl-N-O
SYN: A 688 * BENSYLYTE * BENZENEMETHANAMINE, N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)- * 2-(N-BENZYL-2-CHLOROETHYLAMINO)-1-PHENOXYPROPANE * BENZYL(2-CHLOROETHYL)-(1-METHYL-2-PHENOXYETHYL)AMINE * BENZYLYT * N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)BENZENEMETHANAMINE * N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)BENZYLAMINE * DIBENYLIN * DIBENYLINE * DIBENZYLINE * NSC 37448 * PHENOXYBENZAMINE * N-PHENOXYISOPROPYL-N-BENZYL-beta-CHLOROETHYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:9 mg/kg (1-2D preg) JRPFA4 17,579,68
1T29 scu-rbt TDLo:39 mg/kg (2D pre) JRPFA4 35,331,73
2T22T29 ivg-rbt TDLo:5 mg/kg (1D pre) CCPTAY 17,309,78
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:40 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2500 mg/kg 27ZIAQ -,195,73
orl-mus LD50:1535 mg/kg 27ZIAQ -,195,73
ivn-dog LDLo:10 mg/kg 27ZIAQ -,195,73
orl-gpg LD50:500 mg/kg 27ZIAQ -,195,73
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,223,75
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 24,185,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DP3750000 BENZYLAMINE, N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)-, HYDROCHLORIDE
UPDT:8412 CAS: 63-92-3 MW: 340.32 MOLFM: C18-H22-Cl-N-O Cl-H
SYN: 688A * BENSYLYT NEN * BENZENEMETHANAMINE, N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)-, HYDROCHLORIDE * 2-(N-BENZYL-2-CHLOROETHYLAMINO)-1-PHENOXYPROPANE HYDROCHLORIDE * BENZYL(2-CHLOROETHYL)(1-METHYL-2-PHENOXYETHYL)AMINE HYDROCHLORIDE * BENZYLYT * BLOCADREN * N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)BENZENEMETHANAMINE HYDROCHLORIDE * N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)BENZYLAMINE, HYDROCHLORIDE * DIBENYLIN * DIBENYLINE * DIBENZYLENE * DIBENZYLINE * DIBENZYLINE HYDROCHLORIDE * DIBENZYRAN * FENOXYBENZAMIN * NCI-C01661 * PHENOXYBENZAMIDE HYDROCHLORIDE * PHENOXYBENZAMINE HYDROCHLORIDE * N-PHENOXYISOPROPYL-N-BENZYL beta-CHLOROETHYLAMINE HYDROCHLORIDE * N-2-PHENOXYISOPROPYL-N-BENZYL-CHLOROETHYLAMINE HYDROCHLORIDE * SKF 688A
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:12 mg/kg (5-12D preg) RCOCB8 7,701,74
1T31 orl-rat TDLo:240 mg/kg (5-16D preg) RCOCB8 7,701,74
3T01T02T03 par-rat TDLo:24500 ug/kg (35D male) CCPTAY 29,189,84
1T23 par-rat TDLo:24500 ug/kg (35D male) CCPTAY 29,189,84
TUMORIGENIC DATA AND REFERENCES:
2V01K60 ipr-rat TDLo:780 mg/kg/1Y-I NCITR* NCI-CG-TR-72,78
2V01K60 ipr-mus TDLo:3900 mg/kg/52W-I NCITR* NCI-CG-TR-72,78
2V01K60 ipr-rat TD :1560 mg/kg/1Y-I NCITR* NCI-CG-TR-72,78
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:900 mg/kg AIPTAK 108,102,56
ipr-mus LD50:228 mg/kg TXAPA9 28,227,74
scu-mus LD50:105 mg/kg ARZNAD 17,305,67
3F12J22J30 ivn-mus LD50:63750 ug/kg EJPHAZ 9,289,70
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 24,185,80
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-72,78)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DP4031400 BENZYLAMINE, p-CHLORO-N-METHYL-N-NITROSO-
UPDT:8308 CAS: 84174-22-1 MW: 184.64 MOLFM: C8-H9-Cl-N2-O
SYN: p-CHLORO-N-METHYL-N-NITROSOBENZYLAMINE * N-NITROSO-N-(p-CHLOROBENZYL)METHYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate JMCMAR 26,309,83
BENZYLAMINE, N,N'-(1,4-CYCLOHEXYLENEDIMETHYLENE)BIS(2-CHLORO-, DIHYDROCHLORIDE, (E)- see: GU7025000
DP4360000 BENZYLAMINE, N-CYCLOHEXYL-alpha-ISOPROPYL-, HYDROCHLORIDE
UPDT:8406 MW: 267.88 MOLFM: C16-H25-N-Cl-H
SYN: N-CYCLOHEXYL alpha ISOPROPYLBENZYLAMINE HYDROCHLORIDE * D 238
TOXICITY DATA AND REFERENCES:
3F12J22J30 ivn-mus LD50:15 mg/kg JAPMA8 46,58,57
DP4394000 BENZYLAMINE, o-(2-(DIETHYLAMINO)ETHOXY)-N-PHENYL-
UPDT:8311 MW: 298.47 MOLFM: C19-H26-N2-O
SYN: o-(2-(DIETHYLAMINO)ETHOXY)-N-PHENYLBENZYLAMINE * ortho-N-beta-DIETHYLAMINOETHOXY BENZYLANILINE (French)
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:620 mg/kg APFRAD 14,566,56
BENZYLAMINE, 3,4-DIMETHOXY- see: YX7355000
DP4500000 BENZYLAMINE, N,N-DIMETHYL-
UPDT:8408 CAS: 103-83-3 MW: 135.23 MOLFM: C9-H13-N
SYN: BDMA * BENZYLDIMETHYLAMINE * BENZYL DIMETHYLAMINE (DOT) * DIMETHYLBENZYLAMINE * N,N-DIMETHYLBENZYLAMINE * SUMINE 2015 * UN 2619 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:265 mg/kg KorCJ# 22AUG74
* ihl-mus LC50:1800 mg/m3/2H 85GMAT -,56,82
STANDARDS & REGULATIONS:
★ DOT-IMO-CORROSIVE MATERIAL; LABEL:CORROSIVE,FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DP4531000 BENZYLAMINE, o-(2-(DIMETHYLAMINO)ETHOXY)-N-ETHYL-N-PHENYL-
UPDT:8311 MW: 298.47 MOLFM: C19-H26-N2-O
SYN: ortho-N-beta-DIMETHYLAMINOETHOXYBENZYL N-ETHYLANILINE (French) * o-(2-(DIMETHYLAMINO)ETHOXY)-N-ETHYL-N-PHENYLBENZYLAMINE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:150 mg/kg APFRAD 14,566,56
DP4532000 BENZYLAMINE, o-(2-(DIMETHYLAMINO)ETHOXY)-N-PHENYL-
UPDT:8311 MW: 270.41 MOLFM: C17-H22-N2-O
SYN: o-(2-(DIMETHYLAMINO)ETHOXY)-N-PHENYLBENZYLAMINE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:150 mg/kg APFRAD 14,566,56
DP4533000 BENZYLAMINE, o-(3-(DIMETHYLAMINO)PROPOXY)-N-PHENYL-
UPDT:8311 MW: 284.44 MOLFM: C18-H24-N2-O
SYN: o-(3-(DIMETHYLAMINO)PROPOXY)-N-PHENYLBENZYLAMINE * ortho-N-gamma-DIMETHYLAMINOPROPOXYBENZYLANILINE (French)
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:220 mg/kg APFRAD 14,566,56
DP4650000 BENZYLAMINE, N,N-DIMETHYL-, HEXAFLUOROARSENATE (1-)
UPDT:7901 CAS: 73747-22-5 MW: 325.16 MOLFM: C9-H13-N-As-F6-H
SYN: BENZYLDIMETHYLAMMONIUM HEXAFLUOROARSENATE * N,N-DIMETHYLBENZYLAMINE HEXAFLUOROARSENATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#04251
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
DP4730000 BENZYLAMINE, alpha,N-DIMETHYL-N-NITROSO-
UPDT:8401 CAS: 68690-89-1 MW: 164.23 MOLFM: C9-H12-N2-O
SYN: ETHYLAMINE, N-METHYL-N-NITROSO-1-PHENYL- * N-NITROSO-N-METHYL (1-PHENYL) ETHYLAMIN (German) * N-NITROSO-N-METHYL-1(1-PHENYL)-ETHYLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:610 mg/kg/59W-C ZKKOBW 92,235,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:600 mg/kg ZKKOBW 92,235,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DP4740000 BENZYLAMINE, N,m-DIMETHYL-N-NITROSO-
UPDT:8401 CAS: 62783-49-7 MW: 164.23 MOLFM: C9-H12-N2-O
SYN: N-NITROSO-N-(3-METHYLBENZYL)-METHYLAMIN (German) * N-NITROSO-N-(3-METHYLBENZYL)METHYLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:170 mg/kg/49W-C ZKKOBW 88,231,77
2V03K60 orl-rat TD :405 mg/kg/39W-C ZKKOBW 88,231,77
2V03K60 orl-rat TD :158 gm/kg/2Y-C JCROD7 95,123,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:600 mg/kg ZKKOBW 88,231,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DP4760000 BENZYLAMINE, N,o-DIMETHYL-N-NITROSO-
UPDT:8401 CAS: 62783-48-6 MW: 164.23 MOLFM: C9-H12-N2-O
SYN: N-NITROSO-N-(2-METHYLBENZYL)-METHYLAMIN (German) * N-NITROSO-N-(2-METHYLBENZYL)METHYLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:300 mg/kg/29W-C ZKKOBW 88,231,77
2V03K60 orl-rat TD :31640 mg/kg/2Y-C JCROD7 95,123,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:90 mg/kg ZKKOBW 88,231,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DP4780000 BENZYLAMINE, N,p-DIMETHYL-N-NITROSO-
UPDT:8401 CAS: 62783-50-0 MW: 164.23 MOLFM: C9-H12-N2-O
SYN: N-NITROSO-N-(4-METHYLBENZYL)-METHYLAMIN (German) * N-NITROSO-N-(4-METHYLBENZYL)METHYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 500 ug/plate JMCMAR 26,309,83
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:155 mg/kg/44W-C ZKKOBW 88,231,77
2V03K60 orl-rat TD :330 mg/kg/31W-C ZKKOBW 88,231,77
2V03K60 orl-rat TD :31640 mg/kg/2Y-C JCROD7 95,123,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:400 mg/kg ZKKOBW 88,231,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DP4790000 BENZYLAMINE, N-(3,3-DIPHENYLPROPYL)-alpha-METHYL-, HYDROCHLORIDE
UPDT:8403 CAS: 13042-18-7 MW: 351.95 MOLFM: C23-H25-N-Cl-H
SYN: CORDAN * DIMECOR * N-(3,3-DIPHENYLPROPYL)-alpha-METHYLBENZYLAMINE HYDROCHLORIDE * FENDILINE HYDROCHLORIDE * HK 137 * N-(1-PHENYLETHYL)-3,3-DIPHENYLPROPYLAMINE HYDROCHLORIDE * gamma-PHENYL-N-(1-PHENYLETHYL)BENZENEPROPANAMINE HYDROCHLORIDE * SENSIT
TOXICITY DATA AND REFERENCES:
orl-mus LD50:950 mg/kg 85ESA3 9,519,76

BEST COPY AVAILABLE

ivn-mus LD50:14500 ug/kg 85ESA3 9,519,76

DP4900000 BENZYLAMINE, p-ETHOXY-N,N-DIETHYL-alpha-(beta-METHYLPHENETHYL)-, HYDROCHLORIDE
UPDT:8311 CAS: 10535-87-2 MW: 362.00 MOLFM: C22-H31-N-O Cl-H
SYN: BENZENEPROPANAMINE, alpha-(4-ETHOXYPHENYL)-N,N-DIETHYL-gamma-METHYL-, HYDROCHLORIDE (9CI) * 1-(p-ETHOXYPHENYL)-1-DIETHYLAMINO-3-METHYL-3-PHENYLPROPANE HYDROCHLORIDE * PHENYL 2-AMINO-1-PROPANE HYDROCHLORIDE * PROPHENOXAMINE * SP 725
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1887 mg/kg ARZNAD 12,178,62
ipr-rat LD50:185 mg/kg ARZNAD 12,178,62
scu-rat LD50:2358 mg/kg ARZNAD 12,178,62
* orl-mus LD50:270 mg/kg EJMCA5 12,459,77
ipr-mus LD50:90 mg/kg ARZNAD 12,178,62
scu-mus LD50:643 mg/kg ARZNAD 12,178,62

DP5200000 BENZYLAMINE, N-ETHYL-N-NITROSO-
UPDT:8401 CAS: 20689-96-7 MW: 164.23 MOLFM: C9-H12-N2-O
SYN: N-ETHYL-N-NITROSOBENZYLAMINE * N-NITROSO-N-ETHYLBENZYLAMIN (German) * N-NITROSO-N-ETHYLBENZYLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:250 mg/kg/36W-C ZKKOBW 92,235,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg ZKKOBW 92,235,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DP5260000 BENZYLAMINE, N-ETHYL-N-PHENYL-
CAS: 92-59-1 MW: 211.33 MOLFM: C15-H17-N
SYN: BENZYLETHYLPHENYLAMINE * ETHYLBENZYLANILINE * N-ETHYL-N-BENZYLANILINE * N-ETHYL-N-BENZYLANILINE (DOT) * PHENYLETHYLBENZYLAMINE * UN 2274 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172,102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DP5272000 BENZYLAMINE, p-FLUORO-N-METHYL-N-NITROSO-
UPDT:8308 CAS: 84174-21-0 MW: 166.19 MOLFM: C8-H9-F-N2-O
SYN: p-FLUORO-N-METHYL-N-NITROSOBENZYLAMINE * N-NITROSO-N-(p-FLUOROBENZYL)METHYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate JMCMAR 26,309,83

DP5425000 BENZYLAMINE, HYDROCHLORIDE
UPDT:8402 CAS: 3287-99-8 MW: 143.63 MOLFM: C7-H9-N Cl-H
SYN: BENZENEMETHANAMINE, HYDROCHLORIDE * BENZYLAMMONIUM CHLORIDE * USAF EL-82
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg NTIS** AD277-689
* ivn-mus LD50:220 mg/kg APFRAD 9,390,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DP5605100 BENZYLAMINE, p-METHOXY-N-METHYL-N-NITROSO-
UPDT:8308 CAS: 84174-20-9 MW: 180.23 MOLFM: C9-H12-N2-O2
SYN: p-METHOXY-N-METHYL-N-NITROSOBENZYLAMINE * N-NITROSO-N-(p-METHOXYBENZYL)METHYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate JMCMAR 26,309,83

DP5775000 BENZYLAMINE, alpha-METHYL-
UPDT:8407 CAS: 98-84-0 MW: 121.20 MOLFM: C8-H11-N
SYN: alpha-AMINOETHYLBENZENE * 1-AMINO-1-PHENYLETHANE * BENZENEMETHANEAMINE, alpha-METHYL- * ETHYLAMINE, 1-PHENYL- * alpha-METHYLBENZENEMETHANAMINE * alpha-METHYLBENZYLAMINE * alpha-PHENYLETHYLAMINE * 1-PHENYLETHYLAMINE * SUMINE 2079
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 250 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:940 mg/kg AMIHBC 4,119,51
* orl-mus LD50:560 mg/kg OYYAA2 6,263,72
* ipr-mus LD50:240 mg/kg OYYAA2 6,263,72
skn-rbt LD50:780 mg/kg AMIHBC 4,119,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DP6295000 BENZYLAMINE, N-METHYL-p-NITRO-N-NITROSO-
UPDT:8308 CAS: 84174-24-3 MW: 195.20 MOLFM: C8-H9-N3-O3
SYN: N-METHYL-p-NITRO-N-NITROSOBENZYLAMINE * N-NITROSO-N-(p-NITROBENZYL)METHYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate JMCMAR 26,309,83

DP6300000 BENZYLAMINE, N-METHYL-N-NITROSO-
UPDT:8406 CAS: 937-40-6 MW: 150.20 MOLFM: C8-H10-N2-O
SYN: METHYL BENZYL-NITROSOAMIN (German) * METHYLBENZYLNITROSAMINE * N-METHYL-N-BENZYLNITROSAMINE * N-METHYL-N-NITROSOBENZYLAMINE * N-NITROSOBENZYLMETHYLAMINE * N-NITROSOMETHYLBENZYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 111,135,83
otr-rat:oth 5 mg/L CRNGDP 3,629,82
dnd-mus-ivn 2500 ug/kg CRNGDP 4,1081,83
hma-mus/sat 323 mg/kg CNREAB 37,4572,77
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:16 mg/kg/4W-I JJIND8 61,145,78
2V03K60 scu-rat TDLo:50 mg/kg/20W-I JJIND8 61,1471,78
3V03J60K60 par-mus TDLo:10 mg/kg IARCCD 4,159,73
2V03K60 orl-rat TD :108 mg/kg/86W-I 27NZAH 2,73,72
2V03K60 orl-rat TD :120 mg/kg/69W-C ARZNAD 19,1077,69
2V03K60 orl-rat TD :250 mg/kg/36W-C ZKKOBW 88,231,77
2V03K60 orl-rat TD :100 mg/kg/81W-I XENOBH 3,271,73
2V03K60 orl-rat TD :116 mg/kg/22W-I JJIND8 68,681,82
2V03K60 orl-rat TD :200 mg/kg/29W-C IARCCD 14,453,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:18 mg/kg NATWAY 50,100,63
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DP6440000 BENZYLAMINE, N-METHYL-alpha-PHENYL-, HYDROCHLORIDE
UPDT:8410 MW: 233.76 MOLFM: C14-H15-N Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:111 mg/kg JAPMAB 39,354,50

DP6475000 BENZYLAMINE, N-METHYL-N-2-PROPYNYL-
UPDT:8402 CAS: 555-57-7 MW: 159.25 MOLFM: C11-H13-N
SYN: N-BENZYL-N-METHYL-2-PROPYNYLAMINE * EUTONYL * N-METHYL-N-BENZYLPROPYNYLAMINE * N-METHYL-N-PROPARGYLBENZYLAMINE * N-METHYL-N-2-PROPYNYLBENZYLAMINE * PARAGYLINE * PARGYLAMINE * PARGYLIN * PARGYLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 ipr-rat TDLo:180 mg/kg (12D male) FESTAS 27,1326,76
2T02T03 imp-rat TDLo:100 mg/kg (21D male) FESTAS 27,1326,76
1T02 itt-rat TDLo:138 mg/kg (21D male) FESTAS 27,1326,76
1T03 itt-rat TDLo:200 mg/kg (21D male) FESTAS 27,1326,76
TOXICITY DATA AND REFERENCES:
3D07D17J30 orl-chd TDLo:8750 ug/kg 34ZIAG -,452,69
orl-rat LD50:300 mg/kg JMCMAR 14,913,71
2F17U25 ipr-rat LD50:142 mg/kg ANYAA9 107,1068,63
orl-mus LD50:680 mg/kg JMCMAR 14,913,71
ipr-mus LD50:366 mg/kg JMCMAR 21,56,78
scu-mus LD50:380 mg/kg BCPCA6 17,369,68
* ivn-mus LD50:56 mg/kg CSLNX* NX#02420
1U25 orl-dog LD50:175 mg/kg ANYAA9 107,1068,63
* ipr-mky LD50:200 mg/kg ANYAA9 107,1068,63
* ipr-cat LD50:200 mg/kg ANYAA9 107,1068,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DP6650000 BENZYLAMINE, N-METHYL-N-2-PROPYNYL-, HYDROCHLORIDE
UPDT:8406 CAS: 306-07-0 MW: 195.71 MOLFM: C11-H13-N Cl-H
SYN: A 19120 * BENZYLMETHYLPROPYNYLAMINE HYDROCHLORIDE * N-BENZYL-N-METHYL-2-PROPYNYLAMINE HYDROCHLORIDE * EUDATIN * N-METHYL-N-(2-PROPYNYL)BENZYLAMINE HYDROCHLORIDE * MO 911 * PARGYLINE CHLORIDE * PARGYLINE HYDROCHLORIDE * 2-PROPYNYLAMINE, N-BENZYL-N-METHYL-, HYDROCHLORIDE * USAF A-19120
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T09 ipr-rat TDLo:150 mg/kg (10D male) FESTAS 26,232,75
1T29 scu-mus TDLo:12 mg/kg (1-6D preg) JOENAK 27,147,63
TOXICITY DATA AND REFERENCES:
1F16 orl-wmn TDLo:1500 ug/kg/D AJPSAO 118,255,61
orl-rat LD50:250 mg/kg 27ZQAG -,401,72
1U25 ipr-rat LD50:142 mg/kg ANYAA9 107,1068,63
ivn-rat LD50:175 mg/kg 27ZQAG -,401,72
3U75F17Y61 orl-mus LD50:680 mg/kg ANYAA9 107,1068,63
ipr-mus LD50:300 mg/kg NTIS** AD277-689
ivn-mus LD50:99 mg/kg JPMSAE 57,430,68
1U25 orl-dog LD50:175 mg/kg ANYAA9 107,1068,63
1F13 ipr-mky LD50:150 mg/kg ANYAA9 107,1068,63
* ipr-cat LD50:200 mg/kg ANYAA9 107,1068,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, IDPYAK 2,209,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DP6675000 BENZYLAMINE, N-METHYL- mixed with SODIUM NITRITE (2:3)
UPDT:8408
SYN: METHYLBENZYLAMINE mixed with SODIUM NITRITE (2:3) * SODIUM NITRITE mixed with METHYLBENZYLAMINE (3:2)
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:25 gm/kg/22W-I IARCCD 4,159,73
2V03K60 orl-mus TDLo:4800 mg/kg/16D-I IARCCD 4,159,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DP6700000 BENZYLAMINE, N-METHYL-, mixed with SODIUM NITRITE (1:1)
UPDT:8405
SYN: BENZYLMETHYLAMINE mixed with SODIUM NITRITE * N-METHYLBENZYLAMINE mixed with SODIUM NITRITE (1:1) * SODIUM NITRITE mixed with BENZYLMETHYLAMINE * SODIUM NITRITE mixed with N-METHYLBENZYLAMINE (1:1)
TUMORIGENIC DATA AND REFERENCES:
3V03J60K60 orl-rat TDLo:28 gm/kg/8W-C ZEKBAI 73,54,69
2V03K60 orl-rat TD :44 gm/kg/16W-I IAPUDO 41,679,82
2V03K60 orl-rat TD :139 gm/kg/37W-I IAPUDO 41,679,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DP6755000 BENZYLAMINE, N-(3-PHENYLPROPYL)-alpha-PROPYL-, HYDROCHLORIDE
UPDT:8406 MW: 303.91 MOLFM: C19-H25-N Cl-H
SYN: D-244 * N-(3-PHENYLPROPYL)-alpha-PROPYLBENZYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11F12F13 ivn-mus LD50:10 mg/kg JAPMA8 46,58,57

BENZYLAMINE, N,N'-(2,6-SPIRO(3.3)HEPTYLENEDIMETHYLENE)BIS(2-CHLORO-, DIHYDROCHLORIDE see: WH1309800

DP6825000 BENZYLAMINE, N,N,alpha-TRIMETHYL-
UPDT:8407 CAS: 2449-49-2 MW: 149.26 MOLFM: C10-H15-N
SYN: N,N-DIMETHYL-alpha-METHYLBENZYLAMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open AMIHBC 10,61,54
eye-rbt 20 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:420 mg/kg AMIHBC 10,61,54
* ihl-rat LCLo:125 ppm/4H AMIHBC 10,61,54
* skn-rbt LD50:890 mg/kg AMIHBC 10,61,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-(BENZYLAMINO)-5-ETHYL-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9009900

N-((BENZYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YS1780600

4-(BENZYLAMINO)-2-METHYL-7H-PYRROLO(2,3-d)PYRIMIDINE see: UY8925000

BENZYL-6-AMINOPENICILLANIC ACID see: XH9400000

3-(3-BENZYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6192000

6-BENZYLAMINOPURINE see: UO7505000

2-(BENZYLAMINO)-2',4',6'-TRIMETHYLACETANILIDE see: AD8653000

1-BENZYLAMINO-3-((1,2,3-TRIMETHYL-1H-INDOL-4-YL)OXY)-2-PROPANOL HYDROCHLORIDE see: UA7280000

BENZYLAMMONIUM CHLORIDE see: DP5425000

BENZYL AMMONIUM TETRACHOROIODATE see: BO8725000

1-(2-(N-BENZYLANILINO)ETHYL)PIPERIDINE HYDROCHLORIDE see: TM4728600

2-(N-BENZYLANILINOMETHYL)-2-IMIDAZOLINE see: NJ2000000

2-(N-BENZYLANILINOMETHYL)-2-IMIDAZOLINE HYDROCHLORIDE see: NJ2150000

BENZYL ANTISEROTONIN see: NL4025000

BENZYLARSONIC ACID see: XS5950000

DL-N-BENZYLASPARTIC ACID see: CI9099000

1-((1-BENZYL-2-AZETIDINYL)METHYL)GUANIDINE see: ME8517000

BENZYL BENZENECARBOXYLATE see: DG4200000

2-BENZYLBENZIMIDAZOLE see: DD6206000

2-BENZYLBENZIMINAZOLE see: DD6206000

BENZYL BENZOATE see: DG4200000

1-BENZYL-4-(2-(BENZYLDIETHYLAMMONIO)ETHYL)-1-METHYLPIPERAZINIUM DIBROMIDE see: TM2991700

4-BENZYL-2-(BENZYLOXY)MORPHOLINE HYDROCHLORIDE see: QD8100000

1-BENZYLBIGUANIDE COPPER COMPLEX SULFATE see: DU1102000

BENZYLBIGUANIDE HYDROCHLORIDE see: DU1106000

N-BENZYLBIGUANIDE HYDROCHLORIDE see: DU1106000

1-BENZYLBIGUANIDE HYDROCHLORIDE see: DU1106000

BENZYL-BIS(2-METHYL-1-ARIZIDINYL)PHOSPHINE OXIDE see: SY9292000

BENZYL BLUE R see: QJ6300000

BENZYL BROMIDE see: XS7965000

BENZYL BROMIDE (DOT) see: XS7965000

1-BENZYL-5-BROMO-INDOLE-2,3-DIONE see: NL7874700

1-BENZYL-5-BROMO-ISATIN see: NL7874700

BEST COPY AVAILABLE

BENZYL n-BUTANOATE see: ES7350000
BENZYLBUTENOLID see: LU3464000
1-(3-BENZYL-2-BUTENYL)-1-(BUTOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4433030
1-(3-BENZYL-2-BUTENYL)-1-(CYCLOHEXYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4433060
(3-BENZYL-2-BUTENYL)(DECYLOXYCARBONYLMETHYL)DIETHYLAMMONIUM CHLORIDE see: BO6477000
1-(3-BENZYL-2-BUTENYL)-1-(DECYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4433090
(3-BENZYL-2-BUTENYL)DIMETHYL(HEPTYLOXYCARBONYLMETHYL)AMMONIUM CHLORIDE see: BO6479000
1-(3-BENZYL-2-BUTENYL)-1-(DODECYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4433120
1-(3-BENZYL-2-BUTENYL)-1-(ETHOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4433150
1-(3-BENZYL-2-BUTENYL)-1-(HEPTYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4433180
1-(3-BENZYL-2-BUTENYL)-1-(HEXYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4433210
1-(3-BENZYL-2-BUTENYL)-1-(METHOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4433270
1-(3-BENZYL-2-BUTENYL)-1-(NONYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4433300
1-(3-BENZYL-2-BUTENYL)-1-(OCTYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4433330
1-(3-BENZYL-2-BUTENYL)-1-(PENTOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4433360
1-(3-BENZYL-2-BUTENYL)-1-(PROPOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4433390
BENZYL BUTYL PHTHALATE see: TH9990000
BENZYL n-BUTYL PHTHALATE see: TH9990000
1-(1-BENZYLBUTYL)PYRROLIDINE HYDROCHLORIDE see: UY2450000
BENZYL BUTYRATE see: ES7350000
BENZYL n-BUTYRATE see: ES7350000
BENZYLCARBAMIC ACID 2 HYDROXYETHYL ESTER see: EY8747000
N(sup 1)-beta-BENZYLCARBAMOYLETHYL-N(sup 2)-ISONICOTINOYLHYDRAZINE see: NS1225000
1-(2-(BENZYLCARBAMOYL)ETHYL)-2-ISONICOTINOYLHYDRAZINE see: NS1225000
N-(2-(BENZYLCARBAMYL)ETHYLAMINO)ISONICOTINAMIDE see: NS1225000
2-(2-BENZYLCARBAMYL)ETHYL)-HYDRAZIDE ISONICOTINIC ACID see: NS1225000
BENZYL CARBINOL see: SG7175000
BENZYLCARBINOL ISOBUTYRATE see: NQ5435000
BENZYLCARBINYL ACETATE see: AJ2220000
BENZYLCARBINYL ANTHRANILATE see: CB3720000
BENZYL CARBINYL BENZOATE see: DH6288000
BENZYLCARBINYL BUTYRATE see: ET5956200
BENZYLCARBINYL CINNAMATE see: GE0405000
BENZYLCARBINYL FORMATE see: LQ9400000
BENZYLCARBINYL ISOBUTYRATE see: NQ5435000
BENZYLCARBINYL PROPIONATE see: UF6488000
BENZYLCARBINYL alpha-TOLUATE see: AJ3255000
BENZYLCARBONYL CHLORIDE see: LQ5860000
BENZYLCHLORID (German) see: XS8925000
BENZYL CHLORIDE see: XS8925000
BENZYL CHLORIDE (DOT) see: XS8925000
N-BENZYL-N-(6-CHLORO-2-BENZOTHIAZOLYL)-N',N'-DIETHYLETHYLENEDIAMINE FUMARATE see: KV1798000
BENZYL CHLOROCARBONATE see: LQ5860000
BENZYL CHLOROCARBONATE (DOT) see: LQ5860000
2-(N-BENZYL-2-CHLOROETHYLAMINO)-1-PHENOXYPROPANE see: DP3500000
2-(N-BENZYL-2-CHLOROETHYLAMINO)-1-PHENOXYPROPANE HYDROCHLORIDE see: DP3750000
BENZYL(2-CHLOROETHYL)-(1-METHYL-2-PHENOXYETHYL)AMINE see: DP3500000
BENZYL(2-CHLOROETHYL)(1-METHYL-2-PHENOXYETHYL)AMINE HYDROCHLORIDE see: DP3750000
BENZYL CHLOROFORMATE see: LQ5860000
BENZYL CHLOROFORMATE (DOT) see: LQ5860000
N-BENZYL-p-CHLORO-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SG9600800
BENZYLCHLOROPHENOL see: GO7175000
o-BENZYL-p-CHLOROPHENOL see: GO7175000
2-BENZYL-4-CHLOROPHENOL see: GO7175000
BENZYL(3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYLAMMONIUM CHLORIDE see: BO6577000
N-BENZYL-beta-CHLOROPROPANAMIDE see: UE3150000
N-BENZYL-beta-CHLOROPROPIONAMIDE see: UE3150000
N-BENZYL-3-CHLOROPROPIONAMIDE see: UE3150000
1-BENZYL-5-(4-CHLORO-o-TOLYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1101200
1-BENZYL-5-(4-CHLORO-o-TOLYL)-5-FURFURYLBIGUANIDE MONOHYDROCHLORIDE see: DU1101000
5-BENZYL-N-(3-CHLOR-PHENYL)-DITHIOCARBAMAT (German) see: FD7735000
5-BENZYL-N-(4-CHLOR-PHENYL)-DITHIOCARBAMAT (German) see: FD7740000
BENZYL CINNAMATE see: GD8400000
3-BENZYLCROTONIC ACID see: GQ3050000
BENZYL CYANIDE see: AM1400000
3-BENZYL-5-CYANOINDOLE see: NL5993310
3-BENZYL-CYCLOBUTANECARBOXYLIC ACID see: GU1338000
3-((1-BENZYLCYCLOHEPTYL)OXY)-N,N-DIMETHYLPROPYLAMINE FUMARATE see: UH9450000
N-(3-(1-BENZYL-CYCLOHEPTYL-OXY)-PROPYL)-N,N-DIMETHYL-AMMONIUM-HYDROGENFUMARAT (German) see: UH9450000
BENZYLDIAZOTATE POTASSIUM SALT see: QY9221000
4-BENZYL-3,5-DIBROMO-2,6-DIHYDROXYBENZOIC ACID see: VH3708200
4-BENZYL-3,5-DIBROMO-gamma-RESORCYLIC ACID see: VH3708200
BENZYL DICHLORIDE see: CZ5075000
N-BENZYL-N-(DICHLORO-3,4-PHENYL)-N',N'-DIMETHYLUREA see: CV3680000
N-BENZYL-N-(DICHLORO-3,4-PHENYL)-N',N'-DIMETHYLUREA see: YS1800000
N-BENZYL-N-(3,4-DICHLOROPHENYL)-N',N'-DIMETHYLUREA see: YS1800000
6-BENZYL-2-(DIETHYLAMINO)-4H-1-BENZOPYRAN-4-ONE see: GB7895300
8-BENZYL-2-(DIETHYLAMINO)-4H-1-BENZOPYRAN-4-ONE see: GB7895310
6-BENZYL-2-(DIETHYLAMINO)CHROMONE see: GB7895300
8-BENZYL-2-(DIETHYLAMINO)CHROMONE see: GB7895310
1-BENZYL-3-(2-(DIETHYLAMINO)ETHOXY)-3-METHYL-2-INDOLINONE HYDROCHLORIDE see: NM2081300 2-INDOLINONE, 1-BENZYL-3-(2-(DIETHYLAMINO)ETHOXY)-3-METHYL-, HYDROCHLORIDE
2-(BENZYL(2-(DIETHYLAMINO)ETHYL)AMINO)-4-METHYLPYRIMIDINE see: UV6820000
4-(BENZYL(2-(DIETHYLAMINO)ETHYL)AMINO)-6-METHYLPYRIMIDINE see: UV6820010
4-(BENZYL(2-(DIETHYLAMINO)ETHYL)AMINO)QUINAZOLINE HYDROCHLORIDE see: VA1350200
BENZYL N-(2-(DIETHYLAMINO)ETHYL)CARBAMATE HYDROCHLORIDE see: EZ4217300
N-BENZYL-2-(DIETHYLAMINO)-2-PHENYLACETAMIDE HYDROCHLORIDE see: AB4546750
1-BENZYL-3-(3-(DIETHYLAMINO)PROPOXY)-3-METHYL-2-INDOLINONE OXALATE see: NM2081400 2-INDOLINONE, 1-BENZYL-3-(3-(DIETHYLAMINO)PROPOXY)-3-METHYL-, OXALATE
5-BENZYL-3-(3-(DIETHYLAMINO)PROPYL)-2-THIOHYDANTOIN see: MT9120000
BENZYLDIETHYL(2-HYDROXYETHYL)AMMONIUM BROMIDE CARBANILATE see: BO6593000
BENZYLDIETHYL(2-HYDROXYETHYL)AMMONIUM BROMIDE DIBUTYLCARBAMATE see: BO6593500
BENZYLDIETHYL(beta-HYDROXYPHENETHYL)AMMONIUM CHLORIDE BENZOATE (ester) see: BO6596000
3-BENZYL-3,4-DIHYDRO-6-(TRIFLUOROMETHYL)-2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE see: DK8225000
4-BENZYL-2,6-DIHYDROXYBENZOIC ACID see: VH3708100
1-BENZYL-4-((3,4-DIHYDROXYPHENYL)ACETYL)PIPERAZINE DIHYDROCHLORIDE see: TK8372000
4-BENZYL-alpha-(3,4-DIHYDROXYPHENYL)-1-PIPERAZINEETHANOL DIHYDROCHLORIDE see: TL6936000
1-BENZYL-4-((3,4-DIMETHOXYPHENYL)ACETYL)PIPERAZINE DIHYDROCHLORIDE see: TK8373000
BENZYLDIMETHYLACETIC ACID see: MW5158000
BENZYLDIMETHYLAMINE see: DP4500000
BENZYL DIMETHYLAMINE (DOT) see: DP4500000
8-BENZYL-2-(DIMETHYLAMINO)-4H-1-BENZOPYRAN-4-ONE see: GB7895400
8-BENZYL-2-(DIMETHYLAMINO)CHROMONE see: GB7895400
1-BENZYL-3-(2-(DIMETHYLAMINO)ETHOXY)-3-METHYL-2-INDOLINONE MALEATE see: NM2081600 2-INDOLINONE, 1-BENZYL-3-(2-(DIMETHYLAMINO)ETHOXY)-3-METHYL-, MALEATE
2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-4-METHYLPYRIMIDINE see: UV7020000
4-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-6-METHYLPYRIMIDINE see: UV7020010
2-(BENZYL(2-DIMETHYLAMINOETHYL)AMINO)PYRIDINE see: US2800000
N-BENZYL-N-DIMETHYLAMINOETHYL alpha-AMINOPYRIDINE HYDROCHLORIDE see: US3150000
2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)PYRIDINE HYDROCHLORIDE see: US3150000
2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)PYRIDINE MONOHYDROCHLORIDE see: US3150000
2-(BENZYL((2-DIMETHYLAMINO)ETHYL)AMINO)PYRIMIDINE HYDROCHLORIDE see: UV7000000
4-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)QUINAZOLINE HYDROCHLORIDE see: VA1350300
1-BENZYL-3-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-2-INDOLINONE HYDROCHLORIDE see: NM2081700 2-INDOLINONE, 1-BENZYL-3-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-, MONOHYDROCHLORIDE
4-BENZYL-2-(2-(DIMETHYLAMINO)ETHYL)-1(2H)-PHTHALAZINONE HYDROCHLORIDE see: TH9200000
1-BENZYL-3-((DIMETHYLAMINO)METHYL)-3-METHYL-2-INDOLINONE HYDROCHLORIDE see: NM2081800 2-INDOLINONE, 1-BENZYL-3-((DIMETHYLAMINO)METHYL)-3-METHYL-, HYDROCHLORIDE
1-BENZYL-3-(3-(DIMETHYLAMINO)PROPOXY)-1H-INDAZOLE see: NK7790000
1-BENZYL-3-gamma-DIMETHYLAMINOPROPOXY-1H-INDAZOLE HYDROCHLORIDE see: NK7875000
1-BENZYL-3-(3-(DIMETHYLAMINO)PROPOXY)-1H-INDAZOLE HYDROCHLORIDE see: NK7875000
5-BENZYL-3-(3-(DIMETHYLAMINO)PROPYL)-2-THIOHYDANTOIN HYDROCHLORIDE see: MT9121000
BENZYLDIMETHYLAMMONIUM HEXAFLUOROARSENATE see: DP4650000
BENZYLDIMETHYL CARBINYL ACETATE see: SG8100000
BENZYL DIMETHYLCARBINYL BUTYRATE see: ET0130000
BENZYL DIMETHYLCARBINYL n-BUTYRATE see: ET0130000
N-BENZYL-N',N'-DIMETHYL-N-(5-ETHOXY-2-BENZOTHIAZOLYL)ETHYLENEDIAMINE FUMARATE (1:1) see: KV1902000
N-BENZYL-N',N'-DIMETHYL N-(p-ETHOXYPHENYL)ETHYLENEDIAMINE FUMARATE see: KV1905000ETHYLENEDIAMINE, N-BENZYL-N',N'-DIMETHYL-N-(p-ETHOXYPHENYL)-, FUMARATE
N-BENZYL-N',N'-DIMETHYL-N-(p-ETHOXYPHENYL)-1,3-PROPANEDIAMINE FUMARATE see: TX7010250 1,3-PROPANEDIAMINE, N-BENZYL-N',N'-DIMETHYL-N-(p-ETHOXYPHENYL)-, FUMARATE
N-BENZYL-N',N'-DIMETHYL-N-(6-METHOXY-2-BENZOTHIAZOLYL)ETHYLENEDIAMINE FUMARATE see: KV1910000
N-BENZYL-N',N'-DIMETHYL-N-(6-METHYL 2-BENZOTHIAZOLYL)ETHYLENEDIAMINE FUMARATE (1:1) see: KV1912000
N-BENZYL-N',N'-DIMETHYL-4-QUINAZOLYL-ETHYLENEDIAMINE HYDROCHLORIDE see: VA1350300
N-BENZYL-N,alpha-DIMETHYL-m-(TRIFLUOROMETHYL)PHENETHYLAMINE CYCLOHEXANESULFAMATE see: SG9650000
1-BENZYL-2,3-DIMETHYL-GUANIDINE SULFATE (1:1/2) see: ME8575000
N-BENZYL-N',N''-DIMETHYLGUANIDINE SULPHATE see: ME8575000
N-BENZYL-N,N'-DIMETHYL-N-(1-NAPHTHYL)ETHYLENEDIAMINE HYDROCHLORIDE see: KV1914000
N-BENZYL-3-METHYL-4-NITROPYRAZOLE-5-CARBOXAMIDE see: UQ6261000
BENZYLDIMETHYL(3-(2-OXO-3-OXAZOLIDINYL)PROPYL)AMMONIUM IODIDE see: BO7080000
(+)-N-BENZYL-N,alpha-DIMETHYLPHENETHYLAMINE compd. with BARBITURIC ACID see: SG9618000
(+)-N-BENZYL-N,alpha-DIMETHYLPHENETHYLAMINE compd. with D-GALACTURONIC ACID POLYMERS see: SG9620000
(+)-N-BENZYL-N,alpha-DIMETHYLPHENETHYLAMINE compd. with 8-NITROTHEOPHYLLINE see: SG9635000
N-BENZYL-N',N'-DIMETHYL-N-PHENYLETHYLENEDIAMINE see: KV1915000
N-BENZYL-N',N'-DIMETHYL-N-PHENYL-1,3-PROPANEDIAMINE FUMARATE see: TX7010400 1,3-PROPANEDIAMINE, N-BENZYL-N',N'-DIMETHYL-N-PHENYL-, FUMARATE
N(sup 2)-BENZYL-N(sup 1),N(sup 1)-DIMETHYL-N(sup 2)-PHENYL-1,2-PROPANEDIAMINE HYDROCHLORIDE see: TX7010500 1,2-PROPANEDIAMINE, N(sup 2)-BENZYL-N(sup 1),N(sup 1)-DIMETHYL-N(sup 2)-PHENYL-, HYDROCHLORIDE
N(sup 1)-BENZYL-N(sup 2),N(sup 2)-DIMETHYL-N(sup 1)-PHENYL-1,2-PROPANEDIAMINE MALEATE see: TX7010600 1,2-PROPANEDIAMINE, N(sup 1)-BENZYL-N(sup 2),N(sup 2)-DIMETHYL-N(sup 1)-PHENYL-, MALEATE
N-BENZYL-N',N'-DIMETHYL-N-2-PYRIDYLETHYLENEDIAMINE see: US2800000
N-BENZYL-N',N'-DiMETHYL-N-2-PYRIDYL ETHYLENEDIAMINE HYDROCHLORIDE see: US3150000
1-BENZYL-2,5-DIMETHYLSEROTONIN HYDROCHLORIDE see: NL4025000
BENZYLDIMETHYLSTEARYLAMMONIUM CHLORIDE see: BO7000000
BENZYLDIMETHYL-p-(1,1,3,3-TETRAMETHYLBUTYL)PHENOXYETHOXY-ETHYLAMMONIUM see: BO7175000
BENZYLDIMETHYL(2-(2-(p-(1,1,3,3-TETRAMETHYLBUTYL)PHENOXY)ETHOXY)ETHYL)AMMONIUM CHLORIDE see: BO7175000
2-BENZYLDIOXOLAN see: JH6768000
(+)-1-BENZYL-4-(2,6-DIOXO-3-PHENYL-3-PIPERIDYL)PIPERIDINE HYDROCHLORIDE see: DW1080000
dl-1-BENZYL-4-(2,6-DIOXO-3-PHENYL-3-PIPERIDYL)PIPERIDINE HYDROCHLORIDE see: MA4030000
1-BENZYL-4,4-DIPHENYLPIPERIDINE see: TM4734000 PIPERIDINE, 1-BENZYL-4,4-DIPHENYL-
4-BENZYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8170000
4-BENZYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT see: UQ8180000
N-(2-(BENZYLDITHIO)ETHYL)DECYLAMINE HYDROCHLORIDE see: HE5078000
BENZYL DODECANOATE see: JR3425000
BENZYL((DODECYLCARBAMOYL)METHYL)DIMETHYLAMMONIUM CHLORIDE see: BO7525000
BENZYLE (CHLORURE DE) (French) see: XS8925000
BENZYLENE CHLORIDE see: CZ5075000
BENZYL ETHANOATE see: AF5075000

DQ6125000 BENZYL ETHER

UPDT 8305 CAS: 103-50-4 MW: 198.28 MOLFM: C14 H14 O
SYN: BENZYL OXIDE (Czech) * DIBENZYLETHER (Czech)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,38,72
eye-rbt 500 mg/24H MOD 28ZPAK -,38,72

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg FCTXAV 16,703,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

4-BENZYL-2-((o-ETHOXYBENZYL)OXY)MORPHOLINE HYDROCHLORIDE see: QD8110000
4-BENZYL-2-(2-ETHOXYBENZYLOXY)MORPHOLINE HYDROCHLORIDE see: QD8110000
8-BENZYL-7-(N-ETHYL-N-(beta-HYDROXYETHYL)AMINOETHYL)THEOPHYLLINE see: XH4900000
8'-BENZYL-7'(2-((ETHYL(2-HYDROXYETHYL)AMINO)ETHYL)THEOPHYLLINE see: XH4900000
N-BENZYL-3-(2'-ETHYL-3'-INDOLYL)METHYL-4-PIPERIDONE see: TN8987000 4-PIPERIDINONE, 1-BENZYL3-((2-ETHYL-1H-INDOL-3-YL)METHYL)-
N-BENZYL-3-(2'-ETHYL-3'-INDOLYL)METHYL-4-PIPERIDONE see: TN8988000 4-PIPERIDINONE, 1-BENZYL3-(1H-INDOL-3-YLMETHYL)-

BEST COPY AVAILABLE

BENZYLETHYLPHENYLAMINE see: DP5260000
1-BENZYL-4-ETHYNYL-3-(1-(3-INDOLYL)ETHYL)-4-PIPERIDINOL see: TN6829890 4-PIPERIDINOL, 1-BENZYL-4-ETHYNYL-3-(1-(3-INDOLYL)ETHYL)-
BENZYLETS see: DG4200000
BENZYL FAST BLUE R see: QJ6300000
BENZYL FAST RED BG see: QJ6475500
BENZYL FAST RED 2BG see: QJ6478000
BENZYL FAST YELLOW RS see: DV3910000
N-BENZYL-2-FLUORO-N-1-NAPHTHYLACETAMIDE see: AB4546910 ACETAMIDE, N-BENZYL-2-FLUORO-N-1-NAPHTHYL-
N-BENZYL-2-FLUORO-N-2-NAPHTHYLACETAMIDE see: AB4946930 ACETAMIDE, N-BENZYL-2-FLUORO-N-2-NAPHTHYL-
BENZYL FORMATE see: LQ5400000
4-BENZYL-2(5H)-FURANONE see: LU3464000
5-BENZYL-2-(FURFURYLAMINO)-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9012000
1-BENZYL-1-FURFURYLBIGUANIDE MONOHYDROCHLORIDE see: DU1103000
BENZYL-1 FUROYL-4 THIOSEMICARBAZIDE (French) see: LU0284000
5-BENZYL-3-FURYLMETHYL (±)-cis-CHRYSANTHEMATE see: GZ1430000
5-BENZYL-3-FURYLMETHYL(± -)-cis, trans-CHRYSANTHEMATE see: GZ1310000
5-BENZYL-3-FURYLMETHYL(±)-trans-CHRYSANTHEMATE see: GZ1310500
(5-BENZYL-3-FURYL) METHYL-2,2-DIMETHYL-3-(2-METHYLPROPENYL)-CYCLOPROPANECARBOXYLATE see: GZ1310000
5-BENZYL-3-FURYLMETHYL 2,2,3,3-TETRAMETHYLCYCLOPROPANE CARBOXYLATE see: GZ2085000
BENZYL GLYCIDYL ETHER see: TX2860000
BENZYLHYDRAZINE DIHYDROCHLORIDE see: MU8540000
BENZYLHYDROFLUMETHIAZIDE see: DK8225000
BENZYL HYDROQUINONE see: SJ7700000
BENZYL o-HYDROXYBENZOATE see: VO1750000
1-BENZYL-4-(2-HYDROXYETHYL)-1-METHYLPIPERAZINIUM IODIDE DIPHENYLACETATE see: TM2991900
2-BENZYL-4-HYDROXYMETHYL-1,3-DIOXANE see: JH8400000
2-BENZYL-4-HYDROXYMETHYL-1,3-DIOXOLANE see: JH8400000
4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-1-PIPERIDINEETHANOL see: TM8520000
4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-1-PIPERIDINEETHANOL ASCORBATE see: TM8525000
4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-1-PIPERIDINEETHANOL TARTRATE see: TM8530000
4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-1-PIPERIDINE-ETHANOL-(L)-(+)-TARTRATE see: TM8530000
trans-BENZYLIDENACETONE see: EN0330050
1-BENZYLIDENAMININO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) see: TM7342500
BENZYLIDENEACETALDEHYDE see: GD6475000
trans-BENZYLIDENEACETONE see: EN0330050
BENZYLIDENE ACETONE see: EN0330000
1-(BENZYLIDENEAMINO)-3,3-DIETHYL-5-METHYLPIPERIDINE-2,4-DIONE see: TM7342500
2-(BENZYLIDENEAMINO)-1,4-DIHYDRO-3(2H)-ISOQUINOLINONE see: NX6036600
3-BENZYLIDENEAMINO-4-PHENYLTHIAZOLINE-2-THIONE see: XJ7010500
5,5'-BENZYLIDENE BIS(O,O-DIMETHYL PHOSPHORODiTHIOATE) see: TD4900000
1,1'-(BENZYLIDENEBIS((2-METHOXY-p-PHENYLENE)(AZO))DI-2-NAPHTHOL see: JE2300000
beta-BENZYLIDENEBUTYRIC ACID see: EM9257000
BENZYLIDENE CHLORIDE see: CZ5075000
BENZYLIDENE CHLORIDE (DOT) see: CZ5075000
BENZYLIDENE GLYCEROL see: JI3325000
2-BENZYLIDENE-1-HEPTANOL see: MJ3280000
BENZYLIDENEMETHYLPHOSPHORODITHIOATE see: TD4900000
5-BENZYLIDENERHODANINE see: VI7830000
5-BENZYLIDENE-2-THIOXO-4-THIAZOLIDINONE see: VI7830000
BENZYLIDYNE CHLORIDE see: XT9275000
BENZYLIDYNE FLUORIDE see: XT9450000
2-BENZYL-2-IMIDAZOLINE see: NJ1925000
2-BENZYL-4,5-IMIDAZOLINE see: NJ1925000
2-BENZYL-4,5-IMIDAZOLINE HYDROCHLORIDE see: NJ1925000
3-BENZYLIMINO-6,7-DIMETHOXY-1-PHENYL-1,2,3,4-TETRAHYDROISOQUINOLINE HCl HEMIHYDRATE see: NX4915520
((1-BENZYL-1H-INDAZOL-3-YL)OXY)ACETIC ACID see: AF5085000
3-BENZYLINDOLE-5-CARBONITRILE see: NL5993310
N-BENZYL 3-(alpha-(3'-INDOLYL)ETHYL)-4-HYDROXY-4-ETHINYLPIPERIDINE see: TN6829890 4-PIPERIDINOL, 1-BENZYL-4-ETHYNYL-3-(1-(3-INDOLYL)ETHYL)-
BENZYL IODIDE see: XT2830000
BENZYL IODIDE (DOT) see: XT2830000
BENZYL ISOAMYL ETHER see: KM9620000
BENZYL ISOBUTYRATE see: NQ4550000
BENZYL ISOEUGENOL see: CY8225000
BENZYL ISOEUGENOL ETHER see: CY8225000
N-BENZYL-beta-(ISONICOTINOYLHYDRAZINE)PROPIONAMIDE see: NS1225000
N-BENZYL-beta-(ISONICOTINYLHYDRAZINO)PROPIONAMIDE see: NS1225000
BENZYL ISOPENTYL ETHER see: KM9620000
1-BENZYL-6-(3'-ISOPROPYLAMINO-2'-HYDROXYPROPOXY)-7-CYANO-5-AZAINDOLE HYDROCHLORIDE see: UY8730000
1-BENZYL-6-(3'-ISOPROPYLAMINO-2'-HYDROXYPROPOXY)-7-CYANO-5-AZAINDOLINE DIHYDROCHLORIDE see: UY8760000
BENZYLISOPROPYL PROPIONATE see: DA0512000
BENZYL ISOVALERATE see: NY1415000
BENZYL LAURATE see: JR3425000
BENZYL MERCAPTAN see: XT8650000
6-BENZYLMERCAPTOPURINE see: UO7512000
BENZYL METHANOATE see: LQ5400000
2-BENZYL-4-METHANOL-1,3-DIOXANE see: JH8400000
4-BENZYL-2-((p-METHOXYBENZYL)OXY)MORPHOLINE HYDROCHLORIDE see: QD8170000
4-BENZYL-2-(4-METHOXYBENZYLOXY)MORPHOLINE HYDROCHLORIDE see: QD8170000
1-BENZYL-4-(alpha-METHOXYCARBONYLBENZYL)-4-HYDROXYPIPERIDINE see: TM3542000
N-BENZYL-m-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SG9710000
N-BENZYL-o-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SG9720000
N-BENZYL-p-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SG9730000
BENZYL 2-METHOXY-4-PROPENYLPHENYL ETHER see: CY8225000
BENZYLMETHYLAMINE mixed with SODIUM NITRITE see: DP6700000
2-(BENZYLMETHYLAMINO)ETHANOL CARBANILATE HYDROCHLORIDE see: KJ7543000
1-BENZYL-2-METHYL-3-(2-AMINOETHYL)-5-METHOXYINDOLE HYDROCHLORIDE see: NL4025000
BENZYL 3-METHYLBUTANOATE see: NY1415000
BENZYL 3-METHYL BUTYRATE see: NY1415000
BENZYL METHYL CARBINOL see: SG8589500
BENZYLMETHYLCARBINYL ACETATE see: AI9316000
1-BENZYL-2-METHYLHYDRAZINE see: MU8925000
BENZYL METHYL KETONE see: UC3500100
1-BENZYL-2-METHYL-5-METHOXYTRYPTAMINE HYDROCHLORIDE see: NL4025000
N-BENZYL-6-METHYL-alpha-(METHYLSULFONYL)ERGOLINE-8-beta-PROPIONAMIDE see: KE6345030
1-BENZYL-3-METHYL-3-(3-(MORPHOLINO)PROPOXY)-2-INDOLINONE HYDROCHLORIDE HYDRATE see: NM2083700 2-INDOLINONE, 1-BENZYL-3-METHYL-3-(3-(MORPHOLINO)PROPOXY)-, MONOHYDROCHLORIDE,HYDRATE
3-BENZYL-7-METHYLOCTANOIC ACID see: RH0367500
4-BENZYL-alpha-METHYL-1-PIPERAZINEACETIC ACID 2,6-DIISOPROPYLPHENYL ESTER DIHYDROCHLORIDE see: TK7863000
10-BENZYL-1-(4-METHYL-1-PIPERAZINYL)-7-NITRO-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE see: UR6074470
alpha-BENZYL-2-METHYL-1-PIPERIDINEETHANOL CARBANILATE HYDROCHLORIDE see: TM8550000
1-BENZYL-3-METHYL-3-(2-(PIPERIDINO)ETHOXY)-2-INDOLINONE OXALATE see: NM2083900 2-INDOLINONE, 1-BENZYL-3-METHYL-3-(2-(PIPERIDINO)ETHOXY)-, OXALATE
1-BENZYL-3-METHYL-3-(2-(PIPERIDINO)ETHYL)-2-INDOLINONE HYDROCHLORIDE see: NM2084100 2-INDOLINONE, 1-BENZYL-3-METHYL-3-(2-(PIPERIDINO)ETHYL)-, MONOHYDROCHLORIDE
1-BENZYL-3-METHYL-3-PIPERIDINOMETHYL-2-INDOLINONE HYDROCHLORIDE see: NM2084120 2-INDOLINONE, 1-BENZYL-3-METHYL-3-PIPERIDINOMETHYL-, MONOHYDROCHLORIDE
BENZYL 2-METHYL PROPIONATE see: NQ4550000
N-BENZYL-N-METHYL-2-PROPYNYLAMINE see: DP6475000
BENZYLMETHYLPROPYNYLAMINE HYDROCHLORIDE see: DP6650000
N-BENZYL-N-METHYL-2-PROPYNYLAMINE HYDROCHLORIDE see: DP6650000
N-BENZYL-6-METHYL-2-PYRIDINETHIOACETAMIDE see: UR8416000
N-BENZYL-6-METHYLTHIO-2-PYRIDINEACETAMIDE see: UR8416000
p-(3-BENZYL-3-METHYL-1-TRIAZENO)BENZAMIDE see: CV2345950
p-(3-BENZYL-3-METHYL-1-TRIAZENO)BENZOIC ACID see: DG4255000
p-(3-BENZYL-3-METHYL-1-TRIAZENO)BENZONITRILE see: DI2459000
5-(p-(3-BENZYL-3-METHYL-1-TRIAZENO)PHENYL)-2H-TETRAZOLE see: XF7470300
2-(BENZYL(2-MORPHOLINOETHYL)AMINO)-6-METHOXYBENZOTHIAZOLE FUMARATE (1:1) see: DL2850000
6-BENZYL-MP see: UO7512000
BENZYL NICOTINATE see: QT0850000
BENZYL NITRILE see: AM1400000
N-BENZYL-2-NITROIMIDAZOLE-1-ACETAMIDE see: NI3340000
2-BENZYLNITROSAMIDE POTASSIUM SALT see: QY9221000
alpha-(BENZYLNITROSAMINO)BENZYL ALCOHOL ACETATE (ester) see: DN8580000
(BENZYLNITROSAMINO)METHANOL ACETATE (ester) see: PC1770000
BENZYL OXIDE (Czech) see: DQ6125000
1-BENZYLOXIMINOBUTANECARBONITRILE see: EU0640000
1-BENZYLOXIMINOPENTANECARBONITRILE see: MJ7920000
3-BENZYLOXYAMIDINO-1-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YS1822000
BENZYLOXYCARBONYL CHLORIDE see: LQ5860000
BENZYLOXYCARBONYLGLYCINE see: MB9129000
N-BENZYLOXYCARBONYLGLYCINE see: MB9129000
BENZYLOXYCARBONYLLEUCINE see: OH2921000
BENZYLOXYCARBONYL-L-LEUCINE see: OH2921000
N-BENZYLOXYCARBONYLLEUCINE see: OH2921000
(BENZYLOXYCARBONYL)PHENYLALANINE see: AY4343000
L-N-BENZYLOXYCARBONYL-3-PHENYLALANINE 1,2-DIBROMOETHYL ESTER see: AY3277100
BENZYLOXYCARBONYLPROLINE see: UY0745000
BENZYLOXYCARBONYL-L-PROLINE see: UY0745000
N-BENZYLOXYCARBONYLPROLINE see: UY0745000
1-(BENZYLOXYCARBONYL)PROLINE see: UY0745000
3-(BENZYLOXY)-5-(m-CHLOROPHENYL)-as-TRIAZINE see: XY3318000
N-BENZYLOXY-9,10-DIDEHYDRO-6-METHYLERGOLINE-8-beta-CARBOXAMIDE see: KE2450000
4'-(BENZYLOXY)-alpha,alpha'-DIETHYL-4-STILBENOL see: WJ6968000
1-(BENZYLOXY)-2,3-EPOXYPROPANE see: TX2860000
N-((BENZYLOXY)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YS1822000
(BENZYLOXYMETHYL)OXIRANE see: TX2860000
2-(p-(p-(BENZYLOXY)-alpha-METHYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE0506000
2-(p-(p-(BENZYLOXY)-beta-METHYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE0507000
p-BENZYLOXYPHENOL see: SJ7700000
1-(p-(BENZYLOXY)PHENYL)-2-(o-FLUOROPHENYL)-1-PHENYLETHYLENE see: KU6400000
3-(BENZYLOXY)-5-PHENYL-as-TRIAZINE see: XY3320000
cis-1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(m-FLUOROPHENYL)-1-PHENYLETHYLENE see: KU6320000
cis-1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(o-FLUOROPHENYL)-1-PHENYLETHYLENE see: KU6340000
cis-1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(p-FLUOROPHENYL)-1-PHENYLETHYLENE see: KU6350000
trans-1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(m-FLUOROPHENYL)-1-PHENYLETHYLENE see: KU6310000
trans-1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(o-FLUOROPHENYL)-1-PHENYLETHYLENE see: KU6330000
BENZYLPENICILLIN see: XH9400000
(5R,6R)-BENZYLPENICILLIN see: XH9400000
BENZYLPENICILLINAMIDE TRIHYDRATE see: XH8212000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXAMIDE, 3,3-DIMETHYL-7-OXO-6-(2-PHENYLACETAMIDO)-, TRIHYDRATE
BENZYLPENICILLIN AMMONIUM see: XH9410000
BENZYLPENICILLIN BENZATHINE see: XH9425000
BENZYLPENCILLIN DIBENZYLETHYLENEDIAMINE SALT see: XH9425000
BENZYLPENICILLIN G see: XH9400000
BENZYLPENICILLINIC ACID see: XH9400000
BENZYLPENICILLINIC ACID POTASSIUM SALT see: XH9700000
BENZYLPENICILLINIC ACID PROCAINE SALT see: XH9450000
BENZYLPENICILLINIC ACID SODIUM SALT see: XH9800000
BENZYLPENICILLIN POTASSIUM see: XH9700000
BENZYLPENICILLIN POTASSIUM SALT see: XH9700000
BENZYLPENICILLIN PROCAINE MONOHYDRATE see: XH9450000
BENZYLPENICILLIN PROCAINE SALT see: XH9450000
BENZYLPENICILLIN SODIUM see: XH9800000
BENZYLPENICILLIN SODIUM SALT see: XH9800000
N-BENZYL-PHENANTHRENE 9,10-IMINE see: SF8273000
N-B"NZYL-1H-PHENANTHRO(9,10-b)AZIRINE see: SF8273000
4-(2-((2-(2-BENZYLPHENOXY)ETHYL)AMINO)ETHYL)PHENOL HYDROCHLORIDE see: SJ7710000
1-(2-BENZYLPHENOXY)-2-PIPERIDINOPROPANE PHOSPHATE see: TN1304400 PIPERIDINE, 1-(1-METHYL-2-((alpha-PHENYL-o-TOLYL)OXY)E"HYL)-, PHOSPHATE
2-(m-BENZYLPHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE0510000
N-BENZYL-N-PHENYLACETYLAMINOPHENYLACETIC ACID METHYL ESTER see: MB8150000
BENZYL gamma-PHENYLACRYLATE see: GD8400000
N-beta-(BENZYL-PHENYLAMINO)-ETHYLPIPERIDINE HYDROCHLORIDE see: TM4728600
1-BENZYL-5-PHENYLBIGUANIDE MONOHYDROCHLORIDE see: DU1107000
4-BENZYL-1-PHENYL-3,5-DIOXOPYRAZOLIDINE see: UQ8200000
BENZYL PHENYLFORMATE see: DG4200000
1-BENZYL-2-PHENYLHYDRAZINE HYDROCHLORIDE see: MU9810000
N-BENZYL-2-PHENYL-N-(PHENYLACETYL)GLYCINE METHYL ESTER see: MB8150000
N-BENZYL-2-PHENYL-2-PIPERIDINOACETAMIDE HYDROCHLORIDE see: TM3505080
4-BENZYL-1-PHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8200000
4-BENZYL-1-PIPERAZINEETHANOL BENZOATE DIHYDROCHLORIDE see: TL6935000
2-(4-BENZYL-1-PIPERAZINYL)ETHYL 3-PYRIDINEACRYLATE see: UR9230000
N-((4-BENZYL-1-PIPERAZINYL)METHYL)PHTHALIMIDE see: TI3990000
N-((4-BENZYL-1-PIPERAZINYL)METHYL)SUCCINIMIDE see: WN2250000
4-BENZYL-1-PIPERIDINECARBOXAMIDE see: TM5977000
alpha-BENZYL-1-PIPERIDINEETHANOL CARBANILATE HYDROCHLORIDE see: TM8510000
2-BENZYL-2-(delta-PIPERIDINOBUTYNYL)INDAN-1,3-DIONE HYDROCHLORIDE see: NK5135000

BEST COPY AVAILABLE

2-(BENZYL(2-PIPERIDINOETHYL)AMINO)-6-CHLOROBENZOTHIAZOLE FUMARATE (1:1) see: DL2853000
2-(BENZYL(2-PIPERIDINOETHYL)AMINO)-6-METHOXYBENZOTHIAZOLE FUMARATE (1:1) see: DL2856000
2-(4-BENZYL-PIPERIDINO)-1-(4-HYDROXYPHENYL)-1-PROPANOL TARTRATE (2:1) see: TM8530000
2-((1-BENZYL-4-PIPERIDYL)AMINO)PYRIMIDINE see: UV7055000
2-(N-(1-BENZYL-4-PIPERIDYL)ETHYLAMINO)PYRIMIDINE DIHYDROCHLORIDE see: UV7058000
N-(1-BENZYL-4-PIPERIDYL)-4-METHOXY-2-(METHYLAMINE)-5-PYRIMIDINECARBOXAMIDE see: UV7706800
N-(1-BENZYL 4-PIPERIDYL)-4-METHOXY-2-METHYL-5-PYRIMIDINECARBOXAMIDE MALEATE see: UV7707000
N-(1-BENZYL-4-PIPERIDYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7706600
2-(N-(1-BENZYL-4-PIPERIDYL)METHYLAMINO)PYRIMIDINE see: UV7060000
(±)-2-(1-BENZYL-4-PIPERIDYL)-2-PHENYLGLUTARIMIDE HYDROCHLORIDE see: DW1080000
(±)-3-(1-BENZYL-4-PIPERIDYL)-3-PHENYLPIPERIDINE-2,6-DIONE HYDROCHLORIDE see: DW1080000
N-BENZYL PIVALHYDRAZIDE see: TO7874000
alpha-((BENZYLPROPYLAMINO)METHYL)BENZYL ALCOHOL o-ETHOXYBENZOATE (ester) see: DN8584000
BENZYL PYRIDINE-3-CARBOXYLATE see: QT0850000
BENZYL-(alpha-PYRIDYL)-DIMETHYLAETHYLENDIAMIN (German) see: US2800000
N-BENZYL-N-alpha-PYRIDYL-N',N'-DIMETHYL-AETHYLENDIAMIN-HYDROCHLORID (German) see: US3150000
BENZYL-2 (PYRROLIDINYL-1')-4 (THIENYL-2'')-2 BUTYRONITRILE CITRATE (French) see: UY0281000
BENZYL RED BR see: QJ6475500
4-BENZYL-gamma-RESORCYLIC ACID see: VH3708100
BENZYLRODIURAN see: DK8225000
BENZYL SALICYLATE see: VO1750000
BENZYL SCARLET 3BS see: QJ6476000
BENZYLSTEARYLDIMETHYLAMMONIUM CHLORIDE see: BO7000000
N-BENZYLSUCCINAMIC ACID SODIUM SALT see: WM3408000
BENZYL SULFITE see: WT3510000
5-(BENZYLSULFONYL)-1H-1,2,4-TRIAZOLE-1-METHANOL see: XZ4928000
3-BENZYLSYDNONE-4-ACETAMIDE see: WU7675000
D-BENZYL TG see: AG5975000
1-BENZYL-1-(2-THENYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1108000
BENZYL-THIOCYANATE see: XK8155000
BENZYLTHIOL see: XT8650000
3-((BENZYLTHIO)METHYL)-6-CHLORO-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE see: DK8400000
3-BENZYLTHIOMETHYL-6-CHLORO-2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE see: DK8400000
3-BENZYLTHIOMETHYL-6-CHLORO-7-SULFAMOYL-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE see: DK8400000
3-BENZYLTHIOMETHYL-6-CHLORO-7-SULFAMYL-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE see: DK8400000
3-BENZYLTHIOMETHYL-6-CHLORO-7-SULFAMYL-2H-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE see: DK8400000
6-(BENZYLTHIO)PURINE see: UO7512000
5-(BENZYLTHIO)-1H-1,2,4-TRIAZOLE-1-METHANOL see: XZ4928100
5-BENZYL-as-TRIAZINE-3-THIOL see: XZ0840000
1-BENZYL-1,2,4-TRIAZOLE see: XZ4095000
1-BENZYL-1H-1,2,4-TRIAZOLE see: XZ4095000
BENZYL TRICHLORIDE see: XT9275000
3-BENZYL-6-TRIFLUOROMETHYL-7-SULFAMOYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE, 1,1-DIOXIDE see: DK8225000
BENZYLURETHANE du GLYCOL (French) see: EY8747000
BENZYL VIOLET see: BQ1140000
BENZYL VIOLET 3B see: BQ1140000
BENZYL VIOLET 4B see: BQ1140000
BENZYLYT see: DP3500000
BENZYLYT see: DP3750000
3,4-BENZYPYRENE see: DJ3675000
BENZYRIN see: NK7875000
BEOSIT see: RB9275000
BEP see: TX2900000
BEPANTHEN see: ES4316000
BEPANTHENE see: ES4316000
BEPANTOL see: ES4316000
BEPARON see: BS5950000
BEPERIDEN see: TN3675000
BEPRIDIL HYDROCHLORIDE MONOHYDRATE see: UY1162000 1-PYRROLIDINEETHANAMINE, beta-((2-METHYLPROPOXY)METHYL)-N-PHENYL-N-(PHENYLMETHYL)-, MONOHYDROCHLORIDE, MONOHYDRATE
BEQUIN see: XI7350000
BERBAMAN, 6,6',7,12-TETRAMETHOXY-2,2'-DIMETHYL-, (1'-beta)- see: SF6850000
BERBERINE HYDROXIDE see: DR9866500
BERBERINE SULFATE see: DR9867300
BERBERINE SULFATE (2:1) see: DR9867300
BERBERINE SULFATE TRIHYDRATE see: DR9867500
BERBERIN SULFATE see: DR9867300

DR9808460 BERBERIS CHITRIA Lindl. var. CHITRIA Ahrendt., extract excluding
DEF:Indian plant belonging to the family BERBERIDACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

DR9808480 13a-alpha-BERBINE, 2,3:9,10-BIS(METHYLENEDIOXY)-
UPDT:8411 CAS: 84-39-9 MW: 323.37 MOLFM: C19-H17-N-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:368 mg/kg ARZNAD 26,2187,76

DR9810000 13a-alpha-BERBINE, 2,3,10,11-TETRAMETHOXY-, CITRATE
UPDT:8406 MW: 567.61 MOLFM: C21-H25-N-O4 C6-H8-O7
SYN: 6H-DIBENZO(a,g)QUINOLIZINE, 5,8,13,13a-TETRAHYDRO-2,3,10,11-TETRAMETHOXY-, CITRATE (5)- * GOVANINE METHYL ETHER CITRATE * O-METHYLGOVANINE CITRATE * NORCORALYDINE CITRATE * 2,3,10,11-TETRAMETHOXY-13a-alpha-BERBINE CITRATE * XYLOPININE CITRATE
TOXICITY DATA AND REFERENCES:
3F12F17J25 ipr-mus LD50:71500 ug/kg JJPAAZ 12,208,62

DR9820000 BERBERIS ARISTATA DC., root extract
DEF:Indian plant belonging to the family BERBERIDACEAE (IJEBA6 6,232,68)
UPDT:8305
SYN: RASAUT ROOT EXTRACT
TOXICITY DATA AND REFERENCES:
2H30N22 ipr-mus LD50:200 mg/kg IJEBA6 6,232,68

DR9820100 BERBERIS LYCIUM Royle., root extract
DEF:Indian plant belonging to the family BERBERIDACEAE (IJEBA6 6,232,68)
UPDT:8305
SYN: HALDIA ROOT EXTRACT
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:50 mg/kg IJEBA6 6,232,68

DR9823000 13a-alpha-BERBINE, 9,10-DIMETHOXY-2,3-(METHYLENEDIOXY)-
UPDT:8405 CAS: 5096-57-1 MW: 339.42 MOLFM: C20-H21-N-O4
SYN: 6H-BENZO(g)-1,3-BENZODIOXOLO(5,6-a)QUINOLIZINE, 5,8,13,13a-TETRAHYDRO-9,10-DIMETHOXY-, (S)- * CANADINE * (-)-CANADINE * alpha-CANADINE * 9,10-DIMETHOXY-2,3-(METHYLENEDIOXY)BERBINE * TETRAHYDROBERBERINE * (-)-TETRAHYDROBERBERINE * 5,6,13,13a-TETRAHYDRO-9,10-DIMETHOXY-2,3-(METHYLENEDIOXY)-6H-DIBENZO(a,g)QUINOLIZINE * XANTHOPUCCINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:940 mg/kg MEIEDD 10,239,83
* scu-mus LD50:790 mg/kg MEIEDD 10,239,83
* ivn-mus LD50:100 mg/kg MEIEDD 10,239,83

DR9842300 13a-alpha-BERBINE, 2,3,9,10-TETRAMETHOXY-, HYDROCHLORIDE
UPDT:8408 CAS: 4880-82-4 MW: 391.93 MOLFM: C21-H25-N-O4 Cl-H
SYN: 6H-DIBENZO(a,g)QUINOLIZINE, 5,8,13,13a-TETRAHYDRO-2,3,9,10-TETRAMETHOXY-, HYDROCHLORIDE, (S)- * GINDARINE HYDROCHLORIDE * GINDARIN HYDROCHLORIDE * 2,3,9,10-TETRAMETHOXY-13a-alpha-BERBINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T75T76 orl-rat TDLo:100 mg/kg (1-20D preg) FATOAO 46(4),107,83
1T34 orl-rat TDLo:1 gm/kg (1-20D preg) FATOAO 46(4),107,83
1T81 orl-rat TDLo:20 mg/kg (1-20D preg) FATOAO 46(4),107,83
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:580 mg/kg FATOAO 46(4),107,83
* ipr-rat LD50:330 mg/kg FATOAO 46(4),107,83
* orl-mus LD50:1190 mg/kg FATOAO 46(4),107,83
* ipr-mus LD50:550 mg/kg IJMRAQ 60,472,72
* ipr-gpg LD50:460 mg/kg FATOAO 46(4),107,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DR9866400 BERBINIUM, 7,8,13,13a-TETRADEHYDRO-9,10-DIMETHOXY-2,3-(METHYLENEDIOXY)-, CHLORIDE
UPDT:8411 CAS: 633-65-8 MW: 371.84 MOLFM: C20-H18-N-O4 Cl
MUTATION DATA AND REFERENCES:
dnd-mam:lym 22 umol/L IJBBBQ 18,245,81

DR9866500 BERBINIUM, 7,8,13,13a-TETRADEHYDRO-9,10-DIMETHOXY-2,3-(METHYLENEDIOXY)-, HYDROXIDE
UPDT:8303 CAS: 117-74-8
SYN: ASSAM WOOD * BARBERRY EXTRACT * BARBERRY ROOT * BENZO(g)-1,3-BENZODIOXOLO(5,6-a)QUINOLIZINIUM, 5,6-DIHYDRO-9,10-DIMETHOXY-, HYDROXIDE * BERBERINE HYDROXIDE * C.I. NATURAL YELLOW 18 * DAR HALD * DARU HALD
MUTATION DATA AND REFERENCES:
dnd-mam:lym 40 umol/L PMSBA4 2,134,71

DR9867300 BERBINIUM, 7,8,13,13a-TETRADEHYDRO-9,10-DIMETHOXY-2,3-(METHYLENEDIOXY)-, SULFATE (2:1)
UPDT:8307 CAS: 316-41-6 MW: 768.84 MOLFM: C40-H36-N2-O8 O4-S
SYN: BENZO(g)-1,3-BENZODIOXOLO(5,6-a)QUINOLIZINIUM, 5,6-DIHYDRO-9,10-DIMETHOXY-, SULFATE (2:1) * BERBERINE SULFATE * BERBERINE SULFATE (2:1) * BERBERIN SULFATE * NEUTRAL BERBERINE SULFATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:26400 ug/kg NIIRDN 6,770,82
* scu-mus LD50:13200 ug/kg NIIRDN 6,770,82
* ivn-mus LD50:8200 ug/kg NIIRDN 6,770,82

DR9867500 BERBINIUM, 7,8,13,13a-TETRADEHYDRO-9,10-DIMETHOXY-2,3-(METHYLENEDIOXY)-, SULFATE, TRIHYDRATE
UPDT:8403 CAS: 6190-33-6 MW: 822.90 MOLFM: C40-H36-N2-O8 O4-S 3H2-O
SYN: BERBERINE SULFATE TRIHYDRATE * 5,6-DIHYDRO-9,10-DIMETHOXYBENZO(g)-1,3-BENZODIOXOLO(5,6-a)QUINOLIZINIUM SULFATE TRIHYDRATE * 7,8,13,13a-TETRADEHYDRO-9,10-DIMETHOXY-2,3-(METHYLENEDIOXY)BERBINIUM SULFATE TRIHYDRATE * UMBELLATINE SULFATE TRIHYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:24300 ug/kg MEIEDD 10,165,83
scu-frg LDLo:20 mg/kg HBAMAK 4,1289,35

BERCEMA see: ZH3325000
BERCEMA FERTAM 50 see: NO8750000

DS0300000 BERCHEMIA EDGEWORTHII Laws., extract excluding roots
DEF:Indian plant belonging to the family RHAMNACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

BERCULON A see: AE3850000
BERELEX see: LY8990000
BER EXTRACT (Indian) see: ZI0466300
BERGAMIOL see: RG5910000

DS0500000 BERGAMOT OIL RECTIFIED
UPDT:8305 CAS: 8007-75-8
SYN: BERGAMOTTE OEL (German) * OIL OF BERGAMOT, RECTIFIED
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1035,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:11520 mg/kg PHARAT 14,435,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BERGAMOTTE OEL (German) see: DS0500000

DS0520000 BERGENIA LIGULATA Wall., rhizome extract
DEF:Indian plant belonging to the family SAXIFRAGACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: SALPARIA RHIZOME EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 6,232,68

BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 1 see: MW9140000
BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 2 see: MW9150000
BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 3 see: MW9160000
BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 4 see: MW9170000
BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 5 see: MW9180000
BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 6 see: MW9190000
BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 7 see: MW9200000
BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 8 see: MW9210000
BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 9 see: MW9220000
BERIN see: XI7350000
BERKAZON see: AE3850000
BERKEE EXTRACT (Indian) see: MG1589400
BERKFLAM B 10E see: KN3525000
BERKFURIN see: MU2800000
BERKOLOL see: UB7525000
BERKOMINE see: HO1575000
BERKOMINE see: HO1925000
BERKOZIDE see: DK8225000
BERLISON F see: GM8960000
BERMAT see: LQ4375000
BERNARENIN see: DO2625000
BERNICE see: YM2800000
BERNIES see: YM2800000

BEST COPY AVAILABLE

BERNOCAINE see: DG2275000
BERNSTEINSAURE-ANHYDRID (German) see: WN0875000
BERNSTEINSAEURE-2,2-DIMETHYLHYDRAZID (German) see: WM9625000
BEROCILLIN see: XH8450000
BEROL 478 see: WN0525000
BEROMYCIN see: XH9275000
BEROMYCIN 400 see: XH9275000
BEROMYCIN (PENICILLIN) see: XH9275000
BERONALD see: CB2625000
BEROTEC see: DO1500000
BEROTEC HYDROBROMIDE see: DO1500000
BERRIES of EMBELIA RIBES see: JY1729950
BERSEN see: AB6365000
BERTHOLITE see: FO2100000
BERTHOLLET SALT see: FO0350000
BERTHOLLET's SALT see: FO0350000

DS1225000 BERTRANDITE
UPDT:8312 CAS: 12161-82-9 MW: 264.34 MOLFM: H10-O9-Si2 M2-O Be4
SYN: BERYLLIUM SILICATE HYDRATE
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,17,72
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,143,80
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
BERUBIGEN see: GG3750000

DS1400000 BERYL
UPDT:8401 CAS: 1302-52-9 MW: 537.53 MOLFM: Al2-O18-Si6 3Be
SYN: BERYL ORE * BERYLLIUM ALUMINIUM SILICATE * BERYLLIUM ALUMINOSILICATE * BERYLLIUM ALUMINUM SILICATE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ihl-rat TCLo:15 mg/m3/74W-I TXAPA9 15,10,69
2V03J60 ihl-rat TC :15 mg/m3/6H/73W-I TXAPA9 8,361,66
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,17,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 23,143,80
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;Cl 5;Pk 25/30M/8H FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BERYLLIA see: DS4025000

DS1750000 BERYLLIUM
UPDT:8406 CAS: 7440-41-7 MW: 9.01 MOLFM: Be
SYN: BERYLLIUM-9 * BERYLLIUM, metal powder (DOT) * GLUCINIUM * GLUCINUM * RCRA WASTE NUMBER P015 * UN 1567 (DOT)
MUTATION DATA AND REFERENCES:
dnd-esc 30 umol/L MUREAV 89,95,81
dni-nml-ivn 30 umol/kg PHMCAA 12,298,70
dnd-hmn:hla 30 umol/L MUREAV 89,95,81
dnd-mus:ast 30 umol/L MUREAV 89,95,81
TUMORIGENIC DATA AND REFERENCES:
3V02J60J61 itr-rat TDLo:13 mg/kg ENVRAL 21,63,80
2V03Q60 ivn-rbt TDLo:20 mg/kg LANCAO 1,463,50
TOXICITY DATA AND REFERENCES:
3U01J22J14 ihl-hmn TCLo:300 mg/m3 AEHLAU 9,473,64
ivn-rat LD50:496 ug/kg LAINAW 15,176,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1,235,72; 85CVA2 5,63,70; CTOXAO 6(3),497,73; AEMBAP 40,239,73; AJMEAZ 38,409,65; NTIS** CONF-691001; AMTODM 3,209,77; SCIEAS 201,298,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,17,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 23,143,80
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 23,143,80
★ TLV-TWA 2 ug/m3 DTLVS* 4,43,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;Cl 5;Pk 25/30M/8H FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:FLAMMABLE SOLID AND POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL not to exceed0.5 ug/m3/130M
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7102 and 7300
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BERYLLIUM-9 see: DS1750000
BERYLLIUM ACETATE see: AF5250000
BERYLLIUM ACETATE, BASIC see: DS2900000
BERYLLIUM ACETATE NORMAL see: AF5250000
BERYLLIUM-ALLUMINIUM ALLOY see: DS2200000
BERYLLIUM ALUMINIUM SILICATE see: DS1400000
BERYLLIUM ALUMINOSILICATE see: DS1400000

DS2200000 BERYLLIUM ALUMINUM ALLOY
UPDT:8401 CAS: 12770-50-2
SYN: ALUMINIUM ALLOY Al,Be * ALUMINUM ALLOY Al-Be (9Cl) * ALUMINUM BERYLLIUM ALLOY * BERYLLIUM ALLUMINIUM ALLOY
TUMORIGENIC DATA AND REFERENCES:
3V03J60P62 itr-rat TDLo:13 mg/kg ENVRAL 21,63,80
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 23,143,80
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BERYLLIUM ALUMINUM SILICATE see: DS1400000

DS2350000 BERYLLIUM, BIS(CARBONATO(2-))DIHYDROXYTRI-
UPDT:8209 CAS: 66104-24-3 MW: 181.07 MOLFM: C2-H2-Be3-O8
SYN: BERYLLIUM CARBONATE * BERYLLIUM CARBONATE, BASIC * BERYLLIUMOXIDE CARBONATE * BIS(CARBONATO(2-))DIHYDROXYTRIBERYLLIUM
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 23,143,80
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**
BERYLLIUM CARBONATE see: DS2350000

DS2400000 BERYLLIUM CARBONATE (1:1)
UPDT:7908 CAS: 13106-47-3 MW: 69.02 MOLFM: C-O3 Be
SYN: CARBONIC ACID BERYLLIUM SALT (1:1)
TOXICITY DATA AND REFERENCES:
ipr-gpg LDLo:300 mg/kg NIHBAZ 181,20,43
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;Cl 5;Pk 25/30M/8H FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BERYLLIUM CARBONATE, BASIC see: DS2350000

DS2625000 BERYLLIUM CHLORIDE
UPDT:8412 CAS: 7787-47-5 MW: 79.91 MOLFM: Be-Cl2
SYN: BERYLLIUM CHLORIDE (DOT) * BERYLLIUM DICHLORIDE * NA 1566 (DOT)
MUTATION DATA AND REFERENCES:
mmo-esc 10 umol/L MUREAV 126,9,84
msc-ham:lng 2 mmol/L MUREAV 68,259,79
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ihl-rat TCLo:20 ug/m3/1H/17W-I GTPZAB 19(7),34,75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:86 mg/kg HYSAAV 30,169,65
ipr-rat LD50:44 mg/kg EQSSDX 1,1,75
orl-mus LD50:92 mg/kg HYSAAV 30,169,65
ipr-mus LD50:12 mg/kg COREAF 256,1043,63
ipr-gpg LD50:56 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 6(3),497,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 23,143,80
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;Cl 5;Pk 25/30M/8H FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BERYLLIUM CHLORIDE (DOT) see: DS2625000

DS2675000 BERYLLIUM CHLORIDE, TETRAHYDRATE
UPDT:8403 CAS: 13466-27-8 MW: 151.99 MOLFM: Be-Cl2-4H2-O
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:4400 ug/kg MEIEDD 10,167,83
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**
BERYLLIUM-COPPER ALLOY see: GL5830000
BERYLLIUM-COPPER-COBALT ALLOY see: GL5840000
BERYLLIUM DICHLORIDE see: DS2625000
BERYLLIUM DIFLUORIDE see: DS2800000
BERYLLIUM DIHYDROXIDE see: DS3150000
BERYLLIUM DINITRATE see: DS3675000
BERYLLIUM, metal powder (DOT) see: DS1750000

DS2800000 BERYLLIUM FLUORIDE
UPDT:8401 CAS: 7787-49-7 MW: 47.01 MOLFM: Be-F2
SYN: BERYLLIUM DIFLUORIDE * BERYLLIUM FLUORIDE (DOT) * NA 1566 (DOT)
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ihl-rat TCLo:20 ug/m3/1H/17W-I GTPZAB 19(7),34,75
2V03J60 ihl-rat TC :49 ug/m3/26W PEXTAR 2,203,61
TOXICITY DATA AND REFERENCES:
orl-rat LD50:98 mg/kg XEURAQ UR-154,1951
orl-mus LD50:100 mg/kg XPHPAW 2173,23,72
scu-mus LD50:20 mg/kg XPHPAW 2173,23,72
ivn-mus LD50:1800 ug/kg XPHPAW 2173,23,72
ipr-ham LD50:21 mg/kg XEURAQ UR-154,1951
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 6(3),497,73; AMIHBC 8,1,53
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 23,143,80
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;Cl 5;Pk 25/30M/8H FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:TWA 2 ug(Be)/m3;Pk 25/30M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BERYLLIUM FLUORIDE (DOT) see: DS2800000

DS2900000 BERYLLIUM, HEXAKIS(mu-ACETATO)-mu(sup 4)-OXOTETRA-
UPDT:8012 CAS: 19049-40-2 MW: 406.34 MOLFM: C12-H18-Be4-O13
SYN: BERYLLIUM ACETATE, BASIC * BERYLLIUM, HEXAKIS(mu-(ACETATO-O,O'))-mu(sup 4)-OXOTETRA-(9Cl) * BERYLLIUM OXIDE ACETATE * BERYLLIUM OXYACETATE * HEXAKIS(mu-ACETATO-O,O')-mu(sup 4)-OXOTETRABERYLLIUM * HEXAKIS(mu-ACETATO)-mu(sup 4)-OXOTETRABERYLLIUM
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:NO DATA IARC** 23,143,80
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H FEREAC 39,23540,74

BEST COPY AVAILABLE

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M — NTIS**

BERYLLIUM, HEXAKIS(mu-(ACETATO-0:0')-mu(sup 4)-OXOTETRA- (9CI) see: DS2900000

BERYLLIUM HYDRATE see: DS3150000

DS2975000 BERYLLIUM HYDROGEN PHOSPHATE (1:1)

UPDT:8401 CAS: 13598-15-7 MW: 104.99 MOLFM: Be-H-O4-P

SYN: BERYLLIUM PHOSPHATE (BeHPO4) * PHOSPHORIC ACID, BERYLLIUM SALT (1:1) * PHOSPHOROUS ACID, BERYLLIUM SALT

TUMORIGENIC DATA AND REFERENCES:

2V03J60	ihl-rat TCLo:3571 ug/m3/17W	PEXTAR 2,203,61
2V03J60	ihl-mky TDLo:900 ug/kg/17W	PEXTAR 2,203,61
2V03J60	ihl-mky TC :97 mg/m3/8D-I	IMSUAI 33,1,64

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:16 mg/kg	TXAPA9 24,497,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FCTXAV 9,105,71

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 1,17,72

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 23,143,80

★ TLV-TWA 2 ug(Be)/m3 — DTLVS* 4,43,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3;CI 5;Pk 25/30M/8H — FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M — NTIS**

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DS3150000 BERYLLIUM HYDROXIDE

UPDT:8401 CAS: 13327-32-7 MW: 43.03 MOLFM: H2-O2-Be

SYN: BERYLLIUM DIHYDROXIDE * BERYLLIUM HYDRATE

TUMORIGENIC DATA AND REFERENCES:

2V03J60	itr-rat TDLo:1125 ug/kg	TXAPA9 17,299,70
3V03J60J61	itr-rat TD :1785 ug/kg/43W-I	ENVRAL 21,63,80

TOXICITY DATA AND REFERENCES:

	ivn-rat LDLo:3821 ug/kg	XEURAQ UR-70,1949

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 23,143,80

★ TLV-TWA 2 ug(Be)/m3 — DTLVS* 4,43,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3;CI 5;Pk 25/30M/8H — FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M — NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DS3325000 beta-BERYLLIUM HYDROXIDE

UPDT:8210

REVIEW AND REFERENCES:

★ TLV-TWA 2 ug(Be)/m3 — DTLVS* 4,43,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3;CI 5;Pk 25/30M/8H — FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M — NTIS**

BERYLLIUM LACTATE see: OD3730000

DS3550000 BERYLLIUM MANGANESE ZINC SILICATE

UPDT:8401 MW: 221.41 MOLFM: Be-Mn-O4-Si-Zn

SYN: MANGANESE ZINC BERYLLIUM SILICATE * ZINC MANGANESE BERYLLIUM SILICATE

TUMORIGENIC DATA AND REFERENCES:

2V03J60	ihl-rat TCLo:20 mg/m3/4W	PEXTAR 2,203,61
2V03Q60	ivn-rbt TDLo:500 mg/kg/40W-I	PEXTAR 2,203,61

REVIEW AND REFERENCES:

★ TLV-TWA 2 ug(Be)/m3 — DTLVS* 4,43,80

★ TLV-CL 5 mg(Mn)/m3 — DTLVS* 4,250,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H — FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M — NTIS**

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BERYLLIUM MONOXIDE see: DS4025000

BERYLLIUM-NICKEL ALLOY see: QR6126300

DS3600000 BERYLLIUM, compd. with NIOBIUM (12:1)

UPDT:8010 MW: 201.03 MOLFM: Be12-Nb

SYN: NIOBIUM compd. with BERYLLIUM (1:12)

TUMORIGENIC DATA AND REFERENCES:

2V03J61	itr-rat TDLo:2500 ug/kg	ENVRAL 21,63,80

REVIEW AND REFERENCES:

★ TLV-TWA 2 ug(Be)/m3 — DTLVS* 4,43,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H — FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M — NTIS**

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DS3675000 BERYLLIUM NITRATE

UPDT:8308 CAS: 13597-99-4 MW: 133.03 MOLFM: Be-N2-O6

SYN: BERYLLIUM DINITRATE * BERYLLIUM NITRATE (DOT) * NITRIC ACID, BERYLLIUM SALT * UN 2464 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T02	itt-rat TDLo:10803 ug/kg (1D male)	JRPFA4 7,21,64

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:500 ug/kg	EQSSDX 1,1,75
	ipr-gpg LDLo:100 mg/kg	EQSSDX 1,1,75

REVIEW AND REFERENCES:

★ TLV-TWA 2 ug(Be)/m3 — DTLVS* 4,43,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3;CI 5;Pk 25/30M/8H — FEREAC 39,23540,74

★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER — CFRGBR 49,172.101,82

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M — NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BERYLLIUM NITRATE (DOT) see: DS3675000

BERYLLIUM ORTHOSILICATE see: VV8925000

DS4025000 BERYLLIUM OXIDE

UPDT:8401 CAS: 1304-56-9 MW: 25.01 MOLFM: Be-O

SYN: BERYLLIA * BERYLLIUM MONOXIDE * THERMALOX

TUMORIGENIC DATA AND REFERENCES:

2V03J60	ihl-rat TCLo:28 mg/m3/17W-C	IMSUAI 40,23,71
2V03J60	itr-rat TDLo:75 mg/kg/15W-I	FKIZA4 71(1),19,80
3V03J60Q60	ihl-rbt TCLo:17 mg/m3/5H/D/48W-I	AMPLAO 51,473,51
2V03Q60	ivn-rbt TDLo:500 mg/kg/6W-I	FEPRA7 5,221,46
3V03J60Q60	imp-rbt TDLo:10 mg/kg	ARPAAQ 88,89,69
3V03J60Q60	ivn-rbt TD :500 mg/kg/48W-I	PEXTAR 2,203,61
3V03J16Y20	itr-rat TD :169 mg/kg/2W-I	AMIHAB 19,190,59

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CTOXAO 6(3),497,73; FCTXAV 9,105,71

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 1,17,72

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 23,143,80

★ TLV-TWA 2 ug(Be)/m3 — DTLVS* 4,43,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3;CI 5;Pk 25/30M/8H — FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M — NTIS**

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BERYLLIUM OXIDE ACETATE see: DS2900000

BERYLLIUMOXIDE CARBONATE see: DS2350000

BERYLLIUM OXYACETATE see: DS2900000

DS4200000 BERYLLIUM OXYFLUORIDE

UPDT:7901 CAS: 63990-88-5 MW: 79.01 MOLFM: Be-F2-O2

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:146 mg/kg	XEURAQ UR-154,1951
	scu-mus LDLo:5 mg/kg	BJEPA5 30,375,49
	ivn-mus LDLo:3500 ug/kg	BJEPA5 30,375,49
	ipr-gpg LDLo:10 mg/kg	NIIHBAZ 181,20,43

REVIEW AND REFERENCES:

★ TLV-TWA 2 ug(Be)/m3 — DTLVS* 4,43,80

★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H — FEREAC 39,23540,74

★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:TWA 2 ug(Be)/m3;Pk 25/30M — NTIS**

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BERYLLIUM PHOSPHATE (BeHPO4) see: DS2975000

BERYLLIUM SILICATE see: VV8925000

BERYLLIUM SILICATE HYDRATE see: DS1225000

BERYLLIUM SILICIC ACID see: VV8925000

DS4800000 BERYLLIUM SULFATE (1:1)

UPDT:8412 CAS: 13510-49-1 MW: 105.07 MOLFM: O4-S-Be

SYN: BERYLLIUM SULPHATE * SULFURIC ACID, BERYLLIUM SALT (1:1)

MUTATION DATA AND REFERENCES:

	mrc-bcs 10 mmol/L	MUREAV 77,109,80
	otr-rat:emb 60 ug/L	JJINDB 67,1303,81
	otr-mus:fbr 200 ug/L	JJINDB 67,1303,81
	otr-ham:emb 560 umol/L	CNREA8 39,193,79
	dnd-ham:emb 560 umol/L	CNREA8 39,193,79

TUMORIGENIC DATA AND REFERENCES:

2V03J60	ihl-rat TCLo:432 ug/m3/26W	PEXTAR 2,203,61
2V03J60	itr-rat TDLo:17 mg/kg/2W-I	AMIHAB 19,190,59
2V03J60	ihl-rat TC :643 ug/m3/39W-I	AMIHAB 19,190,59

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:82 mg/kg	HYSAAV 30,169,65
	ipr-rat LDLo:18 mg/kg	XPHPAW 2173,23,72
	scu-rat LD50:1500 ug/kg	XPHPAW 2173,23,72
	ivn-rat LD50:7200 ug/kg	XPHPAW 2173,23,72
	itr-rat LDLo:10 mg/kg	XPHPAW 2173,23,72
	ori-mus LD50:80 mg/kg	HYSAAV 30,169,65
	ipr-mus LD50:1200 mg/kg	JJINDB 62,911,79
	scu-mus LD50:1500 ug/kg	XPHPAW 2173,23,72
	ivn-mus LD50:500 ug/kg	XPHPAW 2173,23,72
	ivn-dog LDLo:600 ug/kg	XPHPAW 2173,23,72
	itr-dog LDLo:1000 ug/kg	XPHPAW 2173,23,72
	ivn-mky LDLo:600 ug/kg	XPHPAW 2173,23,72
	itr-mky LDLo:1000 ug/kg	XPHPAW 2173,23,72
	scu-rbt LD50:1500 ug/kg	XPHPAW 2173,23,72
	ipr-gpg LDLo:100 mg/kg	NIIHBAZ 181,20,43

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CTOXAO 6(3),497,73; FCTXAV 9,105,71

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 23,143,80

★ TLV-TWA 2 ug(Be)/m3 — DTLVS* 4,43,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3;CI 5;Pk 25/30M/8H — FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M — NTIS**

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DS5000000 BERYLLIUM SULFATE TETRAHYDRATE (1:1:4)

UPDT:8401 CAS: 7787-56-6 MW: 177.15 MOLFM: O4-S-Be-4H2-O

SYN: BERYLLIUM SULPHATE TETRAHYDRATE * SULFURIC ACID, BERYLLIUM SALT (1:1), TETRAHYDRATE

MUTATION DATA AND REFERENCES:

	cyt-hmn:lym 5 mg/L	ENMUDM 3,597,81
	sce-hmn:lym 1 mg/L	ENMUDM 3,597,81
	otr-ham:emb 312 ug/L	IJCNAW 19,642,77
	cyt-ham:emb 5 mg/L	ENMUDM 3,597,81
	sce-ham:emb 1 mg/L	ENMUDM 3,597,81

TUMORIGENIC DATA AND REFERENCES:

2V01J60	ihl-rat TCLo:668 ug/m3/40W-C	CNREA8 27,439,67

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:4971 ug/kg	TXAPA9 24,497,73

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 1,17,72

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 23,143,80

★ TLV-TWA 2 ug(Be)/m3 — DTLVS* 4,43,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3;CI 5;Pk 25/30M/8H — FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M — NTIS**

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TOXICITY DATA HAVE NOT BEEN EVALUATED.

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BERYLLIUM SULPHATE see: DS4800000

BERYLLIUM SULPHATE TETRAHYDRATE see: DS5000000

DS5030000 BERYLLIUM, compd. with TITANIUM (12:1)
UPDT:8010 MW: 156.02 MOLFM: Be12-Ti
SYN: TITANIUM compd. with BERYLLIUM (1:12)

TUMORIGENIC DATA AND REFERENCES:

2V03J61 itr-rat TDLo:2500 ug/kg ENVRAL 21,63,80

REVIEW AND REFERENCES:

★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DS5050000 BERYLLIUM, compd. with VANADIUM (12:1)
UPDT:8401 CAS: 12400-16-7 MW: 159.06 MOLFM: Be12-V
SYN: VANADIUM compd. with BERYLLIUM (1:12)

TUMORIGENIC DATA AND REFERENCES:

2V02J61 itr-rat TDLo:2500 ug/kg ENVRAL 21,63,80

REVIEW AND REFERENCES:

★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:TWA 1.0 mg(V)/m3 NTIS**

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BERYLLIUM ZINC SILICATE see: VV9100000

BERYL ORE see: DS1400000

BESAN see: UL5800000

BESLON, combustion products see: AT6975000

BESTATIN see: OH2915000

BETABION see: XI6550000

BETABION HYDROCHLORIDE see: XI7350000

BETACIDE P see: DH2800000

BETADID see: EU0900000

BETAFEDRINA see: SI1400000

BETAFEDRINE see: SI1400000

BETAFEN see: SI1750000

BETAHISTINE see: UT5552000

DS5900000 BETAINE
UPDT:8305 CAS: 107-43-7 MW: 117.17 MOLFM: C5-H11-N-O2
SYN: ((CARBOXYMETHYL)TRIMETHYLAMMONIUM HYDROXIDE, INNER SALT * JORTAINE

TOXICITY DATA AND REFERENCES:

ivn-mus LD50:830 mg/kg MPHEAE 16,529,67

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

BETAINE CEPHALORIDINE see: UU3675000

BETAINE NICOTINATE see: YF6825000

BETAIN NICOTINATE see: YF6825000

BETA-ISOMER see: GV4375000

BETALGIL see: AC3325000

BETALIN-12 see: GG3750000

BETALIN 12 CRYSTALLINE see: GG3750000

BETALINE-12 see: GG3750000

BETALING see: ME8575000

BETALIN S see: XI7350000

BETALIN S see: XI6550000

BETALOC see: UB7450000

BETAMEC see: TE0250000

BETAMETHASONE see: TU4000000

BETAMETHASONE ACETATE mixed with BETAMETHASONE SODIUM PHOSPHATE see: TU3686000

BETAMETHASONE BENZOATE see: TU3840000

BETAMETHASONE 17-BENZOATE see: TU3840000

BETAMETHASONE DIPROPIONATE see: TU4058000

BETAMETHASONE 17,21-DIPROPIONATE see: TU4058000

BETAMETHASONE DISODIUM PHOSPHATE see: TU4056500

BETAMETHASONE 21-DISODIUM PHOSPHATE see: TU4056500

BETAMETHASONE SODIUM PHOSPHATE see: TU4056500

BETAMETHASONE SODIUM PHOSPHATE mixed with BETAMETHASONE ACETATE see: TU3686000

BETAMETHASONE VALERATE see: TU3835000

BETAMETHASONE 17-VALERATE see: TU3835000

BETAMETHAZONE see: TU4000000

BETAMETHYL DIGOXIN see: FH5310000

BETAMETHYL DIGOXIN see: FH4920605

BETAMIX see: FD9052000

BETA-NAFTYLOAMINA (Polish) see: QM2100000

BETANAL see: FD9050000

BETANAL AM see: FD0425000

BETANAPHTHOL ORANGE see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT

BETA-NEG see: UB7525000

BETANEX see: FD0425000

BETANIDOL see: ME8575000

BETANIDOLE see: ME8575000

BETAPEN see: XF9845000

BETAPEN-VK see: XH9275000

d-BETAPHEDRINE see: SI1400000

BETAPHEN see: SI1750000

BETAPRONE see: RQ7350000

BETAPTIN see: UA5425000

BETAPYRIMIDUM see: QS4375000

BETASAN see: TE0250000

BETAXIN see: XI6550000

BETAXIN see: XI7350000

BETAXINA see: QN2885000

BETAXOLOL HYDROCHLORIDE see: UA9823000 2-PROPANOL, 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE

BETAZED see: UQ8225000

BETAMEZID see: TO7874000

BETAMEZIDE see: TO7874000

DS8130000 BETEL NUT
DEF:Extract of 50 gm sun dried BETEL NUT in the 100 ml boiling water (IJCNAW 17,469,76)
UPDT:8408
SYN: ARECA CATECHU * ARECA CATECHU Linn., nut extract * BH * PINANG * POOGIPHALAM, nut extract * SUPARI, nut extract

MUTATION DATA AND REFERENCES:

mnt-mus-ipr 1600 mg/kg CRNGDP 5,501,84

msc-ham:lng 5 mg/L CRNGDP 5,501,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:3500 mg/kg (1-7D preg) IJMRAQ 59,302,70

TUMORIGENIC DATA AND REFERENCES:

2V02V10 scu-rat TDLo:2016 mg/kg/42W-I JNCIAM 60,683,78

3V01J61K61 orl-mus TDLo:340 gm/kg/17W-I BJCAAI 40,922,79

2V01L60 scu-mus TDLo:1728 mg/kg/13W-I IJEBA6 18,1159,80

2V02R60 scu-mus TD :48 gm/kg/5W-I IJCNAW 17,469,76

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CTRRDO 60,1171,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DS8156000 BETEL QUID EXTRACT
UPDT:8401

MUTATION DATA AND REFERENCES:

dni-hmn:lym 25000 ppm CNREA8 39,4802,79

dni-rat:mmr 25000 ppm CNREA8 39,4802,79

dni-mus:fbr 25000 ppm CNREA8 39,4802,79

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10 skn-mus TDLo:720 gm/kg/26W-C BJCAAI 14,597,60

2V01V10 scu-mus TDLo:3376 mg/kg/13W-I IJEBA6 18,1159,80

3V03R60V10 skn-mus TD :2920 gm/kg/2Y-C BJCAAI 14,597,60

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DS8158000 BETEL TOBACCO EXTRACT
UPDT:8408
SYN: JAFFNA TOBACCO

MUTATION DATA AND REFERENCES:

sce-hmn:lym 10 mg/L TOLED5 8,17,81

mnt-mus-ipr 24 mg/kg CRNGDP 5,501,84

otr-ham:emb 50 mg/L TOLED5 8,17,81

msc-ham:lng 5 mg/L CRNGDP 5,501,84

BETHABARRA WOOD see: QL8750000

BETHAMETHASONE 17-BENZOATE see: TU3840000

BETHANID see: ME8575000

BETHANIDINE, HEMISULFATE see: ME8575000

BETHANIDINE SULFATE see: ME8575000

BETHIAMIN see: XI6550000

BETHIAZINE see: XI7350000

BETHRODINE see: XU4550000

BETNELAN see: TU4000000

BETNELAN PHOSPHATE see: TU4055000

BETNESOL see: TU4056500

BETNOVATE see: TU3835000

BETNOVATEAT see: TU3835000

BETRACHOTOXININ A, 20-alpha-(2,4-DIMETHYL-1H-PYRROLE-3-CARBOXYLATE) (9CI) see: CR3990000

BETRAMIN see: KR6825000

BETRILOL see: DI2540000

BETSOLAN see: TU4000000

BETULA see: VO4725000

DS9500000 BETULA ALNOIDES Ham., extract excluding roots
DEF:Indian plant belonging to the family BETULACEAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:

1U26 ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

BETULA OIL see: VO4725000

DS9700000 BETULA UTILIS D. Don, bark extract
DEF:Indian plant belonging to the family BETULACEAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

DS9710000 BETULA UTILIS D. Don, stem bark extract
DEF:Indian plant belonging to the family BETULACEAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:

1H30 ipr-mus LD50:681 mg/kg IJEBA6 18,594,80

BEUHON see: XI7350000

BEVANTOLOL HYDROCHLORIDE see: UB2709000

BEVATINE-12 see: GG3750000

BEVIDOX see: GG3750000

BEVITEX see: XI7350000

BEVITINE see: XI7350000

BEVONIUM METHYL SULFATE see: TN5950070

BEVONIUM METHLSULFATE see: TN5950070

BEWON see: XI6550000

BEWON see: XI7350000

BEXANE see: ES8575000

BEXIDE see: LQ7700000

BEXOL see: GV4900000

BEXON see: NI5600000

BEXONE see: ES8575000

BEXT see: LQ7700000

BEXTON see: AE1575000

BEXTON 4L see: AE1575000

BEXTRENE XL 750 see: WL6475000

BEZITRAMIDE see: DE1820000

B(b)F see: CU1400000

B(j)F see: DF6300000

BF 5930 see: KR6300000

BFB-4 see: EG7890000

BFE 60 see: KM5780130

B 169-FERRICYANIDE see: DE2275000

BFP see: TD4025000

BFPO see: TD4025000

BFV see: LP8925000

BG 5930 see: KR6300000

BG 6080 see: FF5250100

B. GABONICA VENOM see: YX4263000

BGE see: TX4200000

t-BGE see: RR0475000

BH 6 see: UU6825000

BHA see: SL1945000

BHADRASI EXTRACT (Indian) see: JX6100000

BHALLATAKA extract see: VT2770000

BHANG see: EX6300000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

(D-BNA(sup 6)-PRO-NHEt(sup 9))-LHRH see: OK6443000
(D-BNA(sup 6)-PRO-NHEt(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6443000
BHB see: YM3460000 1-alpha-N,5-alpha-H-TROPANIUM, 8-(p-BUTOXYBENZYL)-3-alpha-HYDROXY-,BROMIDE, (-)-TROPATE
BHBN see: EL1225000
BHC see: GN7875000
BHC see: GV3150000
BHC see: GV4900000
alpha-BHC see: GV3500000
beta-BHC see: GV4375000
gamma-BHC see: GV4900000
BH 2,4-D see: AG6825000
BH DALAPON see: UF06P0000
BH 2,4-DP see: UF1050000
BHEN see: KK0560000
BHENDI FRUIT EXTRACT (Indian) see: XH7620000
B-HERBATOX see: FO0525000
BHFT see: DK8225000
BHIM-RAJ EXTRACT (Indian) see: ZC1852000
BHIMSAIM CAMPHOR see: ED7000000
BHIMSINGPHUL EXTRACT (Indian) see: OH2674000
BH MCPA see: AG1575000
BH MECOPROP see: UE9750000
BHP see: JL9650000
BHPBN see: MX2434000
BHT see: GO7875000
BHT (FOOD GRADE) see: GO7875000
BHURRU EXTRACT (Indian) see: LX2850000
BHUTKESI, extract (Indian) see: GN0630000 CORYDALIS GOVANIANA Wall., extract
BHUTYA EXTRACT (Indian) see: BV7430000
BHYINCHA EXTRACT (Indian) see: LK6380000
BI-58 see: TE1750000
Bi 3411 see: FM8750000

DT2800000 4',4'''-BIACETANILIDE
UPDT:8408 CAS: 613-35-4 MW: 268.34 MOLFM: C16-H16-N2-O2
SYN: N,N'-(1,1'-BIPHENYL)-4,4'-DIYLBIS-ACETAMIDE 4',4'''-BIACETANILIDE * N,N'-4,4'-BIPHENYLYLENEBISACETAMIDE * 4,4'-DIACETAMIDOBIPHENYL * 4,4'-DIACETYLAMINOBIPHENYL * DIACETYLBENZIDINE * N,N'-DIACETYL BENZIDINE * 4,4'-DIACETYLBENZIDINE
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate ENMUDM 6,145,84
dnd-rat-ivr 100 mg/L CRNGDP 5,404,84
TUMORIGENIC DATA AND REFERENCES:
2V03D45 orl-rat TDLo:6300 mg/kg/35W-C CNREAB 16,525,56
3V01N60R60 ipr-rat TDLo:64 mg/kg/4W-I CRNGDP 2,747,81
3V02L02M04 scu-rat TDLo:900 mg/kg ARPAAQ 81,146,66
3V03L60R60 scu-rat TD :4350 mg/kg/39W-I VOONAW 8(11),11,62
3V02L02M04 ipr-rat TD :900 mg/kg ARPAAQ 81,146,66
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 16,293,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DT2825000 4',4'''-BIACETANILIDE, 2', 2'''-DICHLORO-
UPDT:8303 CAS: 35958-51-1 MW: 337.27 MOLFM: C16-H14-Cl2-N2-O2
SYN: 2,2'''-DICHLORO-4,4'''-BIACETANILIDE * 3,3'-DICHLORO-N,N'-DIACETYLBENZIDINE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate SAIGBL 23,426,80
bfa-rat/sat 40 mg/kg SAIGBL 23,426,80

DT2850000 4',4'''-BIACETANILIDE, 3',3'''-DIMETHYL-
UPDT:8401 CAS: 3546-11-0 MW: 296.40 MOLFM: C18-H20-N2-O2
SYN: 3,3'-DIMETHYL-N,N'-DIACETYLBENZIDINE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate SAIGBL 23,168,81
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:7900 mg/kg/4CW-C CNREAB 16,525,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DT2900000 4',4'''-BIACETANILIDE, 2'-METHYL-
UPDT:8401 CAS: 63991-70-8 MW: 282.37 MOLFM: C17-H18-N2-O2
SYN: 2-METHYLDIACETYLBENZIDINE * 2-METHYL-N,N'-DIACETYLBENZIDINE
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:5600 mg/kg/35W-C CNREAB 16,525,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BIACETYL see: EK2625000
BIALFLAVINA see: AR9660000
BIALLYL see: MM2000000
BIALLYLAMICOL DIHYDROCHLORIDE see: EC1210000
BIALLYLAMICOL HYDROCHLORIDE see: EC1210000
BIALAMICOL HYDROCHLORIDE see: EC1210000
BIALMINAL see: CQ6825000
BIALPIRINIA see: VO0700000
BIALZEPAM see: DF1575000
N,N'-BIANILINE see: MW2625000
o,p'-BIANILINE see: DV2100000
p,p-BIANILINE see: DC9625000
4,4'-BIANILINE see: DC9625000
BIANISIDINE see: DD1225000

DT3740000 (2,2'-BIANTHRACENE)-8,8',9,10,10'(5H)-PENTAONE, 8'a-alpha,10'a-alpha-EPOXY-5',6,6',7,7',8'a, 9',10'a-OCTAHYDRO-1,1',6-beta,6'-beta,9'-alpha-PENTAHYDROXY-5-beta,5'-beta-BIS (1-HYDROXYETHYL)-6,6'-DIMETHYL-, 5,5'-DIACETATE
UPDT:8309 CAS: 21027-33-8 MW: 732.74 MOLFM: C38-H36-O15
SYN: JULICHROME Q(sub 1.3) * JULIMYCIN C * POLYORIN C
TOXICITY DATA AND REFERENCES:
° ivn-mus LD50:100 mg/kg 85GDA2 5,246,81

5,5'-BIANTHRANILIC ACID see: DV3325000
BIAZOLINA see: XI0390000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL-1,3,4-THIADIAZOL-2-YL) THIO)METHYL)-8-OXO-7-(((1H-TETRAZOL-1-YL)ACETYL)AMINO)-, (6R-trans)-, SODIUM SALT
BIBENZENE see: DU8050000

DT4200000 2,5'-BIBENZIMIDAZOLE, 2'-(p-ETHOXYPHENYL)-5-(4-METHYL-1-PIPERAZINYL)-
UPDT:8303 CAS: 23491-52-3
SYN: 2,5'-BI-1H-BENZIMIDAZOLE, 2'-(4-ETHOXYPHENYL)-5-(4-METHYL-1-PIPERAZINYL)- (9CI) * HOE 33342 * HOECHST 33342
MUTATION DATA AND REFERENCES:
dnd-ham:lng 1 umol/L JHCYAS 30,111,82
dni-ham:lng 1 umol/L JHCYAS 30,111,82

2,5'-BI-1H-BENZIMIDAZOLE, 2'-(4-ETHOXYPHENYL)-5-(4-METHYL-1-PIPERAZINYL)- (9CI) see: DT4200000

DT4375000 BIBENZYL
UPDT:8404 CAS: 103-29-7 MW: 182.28 MOLFM: C14-H14
SYN: DIBENZYL * ETHANE, 1,2-DIPHENYL-
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2500 mg/kg ARZNAD 19,617,69
ivn-mus LD50:78 mg/kg ARZNAD 19,617,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BIBENZYL, alpha,alpha'-DIETHYL-4,4'-DIHYDROXY- see: SL0560850

DT4391200 BIBENZYL-4,4'-DIOL, alpha,alpha'-DIETHYL-alpha,alpha'-EPOXY-
UPDT:8402 MW: 284.38 MOLFM: C18-H20-O3
SYN: DES-alpha,beta-OXIDE * DES 3,4-OXIDE * alpha,alpha'-DIETHYL-alpha,alpha'-EPOXYBIBENZYL-4,4'-DIOL * DIETHYLSTILBOESTROL-alpha,beta-OXIDE * DIETHYLSTILBOESTROL 3,4-OXIDE
MUTATION DATA AND REFERENCES:
sce-hmn:fbr 40 nmol/L NATUAS 281,392,79
TUMORIGENIC DATA AND REFERENCES:
2V03M61 imp-ham TDLo:640 mg/kg/38W-I CNREAB 43,5200,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DT4391250 BIBENZYL-4,4'-DISULFONIC ACID, alpha,alpha'-DIETHYL-, DIPOTASSIUM SALT, meso-
UPDT:8407 CAS: 13517-49-2 MW: 476.72 MOLFM: C18-H22-O6-S2-2K
SYN: BENZENESULFONIC ACID, 4,4'-(1,2-DIETHYL-1,2-ETHANEDIYL)BIS-, DIPOTASSIUM SALT, (R*,S*)- * meso-alpha,alpha'-DIETHYLBIBENZYL-4,4'-DISULFONIC ACID DIPOTASSIUM SALT * (R*,S*)-4,4'-(1,2-DIETHYL-1,2-ETHANEDIYL)BIS(BENZENESULFONIC ACID) DIPOTASSIUM * DIPOTASSIUM meso-n,n-DISULFO-3,4-DIPHENYLHEXANE * DISULFO-meso-4,4-DIPHENYLHEXANE DIPOTASSIUM SALT * SIGETIN * SYGETHIN * SYGETIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T76 scu-rat TDLo:30 mg/kg (19-21D preg) PEXBAN 90,1597,80
1T34 ivn-rat TDLo:100 mg/kg (13-16D preg) PAFEAY 19,66,75
1T39 ivn-rbt TDLo:20 mg/kg (8-11D preg) AJOGAH 111,1083,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BIBESOL see: TC0350000
BIBHA extract see: VT2770000
BIC see: NQ8250000
BIC see: NI3930000
BI-CANTOCARBONATO (Italian) see: EB2984600
BICA-PENICILLIN see: XH9425000

DT4393100 BICARBAMIC ACID, 2-(alpha-METHYLBENZYL)-, 1-METHYL 4-ETHYL ESTER
UPDT:8406 CAS: 69353-17-9 MW: 266.33 MOLFM: C13-H18-N2-O4
SYN: 1-METHYL-4-ETHYL-2-(alpha-METHYLBENZYL)BICARBAMATE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:300 mg/kg JMPCAS 5,221,62

DT4393200 BICARBAMIMIDE, 2-(o-CHLOROPHENYL)-3-PHENYL-
UPDT:8406 MW: 287.72 MOLFM: C16-H10-Cl-N3-O2
SYN: 2-(o-CHLOROPHENYL)-3-PHENYLBICARBAMIMIDE * UR 88 * URAZOLE, 1-(o-CHLOROPHENYL)-2-PHENYL-
TOXICITY DATA AND REFERENCES:
° orl-mus LDLo:1000 mg/kg JAPMAB 48,671,59

DT4393300 BICARBAMIMIDE, N-CYCLOHEXYL-2-PHENYL-
UPDT:8406 MW: 259.34 MOLFM: C14-H17-N3-O2
SYN: N-CYCLOHEXYL-2-PHENYLBICARBAMIMIDE * 1,2,4-TRIAZOLIDINE-3,5-DIONE, 4-CYCLOHEXYL-2-PHENYL- * UR 111
TOXICITY DATA AND REFERENCES:
° orl-mus LDLo:1000 mg/kg JAPMAB 48,671,59

DT4393400 BICARBAMIMIDE, N,2-DIETHYL-3-PHENYL-
UPDT:8406 MW: 233.30 MOLFM: C12-H15-N3-O2
SYN: N,2-DIETHYL-3-PHENYLBICARBAMIMIDE * 1,2,4-TRIAZOLIDINE-3,5-DIONE, 1,4-DIETHYL-2-PHENYL- * UR 58
TOXICITY DATA AND REFERENCES:
° orl-mus LDLo:1000 mg/kg JAPMAB 48,671,59

DT4393500 ...ICARBAMIMIDE, 2-ETHYL-N-METHYL-3-PHENYL-
UPDT:8406 MW: 219.27 MOLFM: C11-H13-N3-O2
SYN: 2-ETHYL-N-METHYL-3-PHENYLBICARBAMIMIDE * 1,2,4-TRIAZOLIDINE-3,5-DIONE, 1-ETHYL-4-METHYL-2-PHENYL- * UR 59
TOXICITY DATA AND REFERENCES:
° orl-mus LDLo:1000 mg/kg JAPMAB 48,671,59

DT4393600 BICARBAMIMIDE, N-ETHYL-3-PHENYL-
UPDT:8406 MW: 205.24 MOLFM: C10-H11-N3-O2
SYN: N-ETHYL-3-PHENYLBICARBAMIMIDE * 1,2,4-TRIAZOLIDINE-3,5-DIONE, 4-ETHYL-2-PHENYL- * UR 109
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LDLo:1000 mg/kg JAPMAB 48,671,59

DT4393700 BICARBAMIMIDE, 2-HEXYL-3-PHENYL-
UPDT:8406 MW: 261.36 MOLFM: C14-H19-N3-O2
SYN: 2-HEXYL-3-PHENYLBICARBAMIMIDE * 1,2,4-TRIAZOLIDINE-3,5-DIONE, 1-HEXYL-2-PHENYL- * UR 94
TOXICITY DATA AND REFERENCES:
2F07F13 orl-mus LDLo:1000 mg/kg JAPMAB 48,671,59

DT4393800 BICARBAMIMIDE, N-(2-HYDROXYETHYL)-2-PHENYL-3-PROPYL-
UPDT:8406 MW: 263.33 MOLFM: C13-H17-N3-O3
SYN: N-(2-HYDROXYETHYL)-2-PHENYL-3-PROPYLBICARBAMIMIDE * 1,2,4-TRIAZOLIDINE-3,5-DIONE, 4-(2-HYDROXYETHYL)-2-PHENYL-3-PROPYL- * UR 62
TOXICITY DATA AND REFERENCES:
° orl-mus LDLo:1000 mg/kg JAPMAB 48,671,59

DT4393900 BICARBAMIMIDE, N-(HYDROXYMETHYL)-2-ISOPROPYL-3-PHENYL-
UPDT:8406 MW: 249.30 MOLFM: C12-H15-N3-O3
SYN: N-(HYDROXYMETHYL)-2-ISOPROPYL-3-PHENYLBICARBAMIMIDE * 1,2,4-TRIAZOLIDINE-3,5-DIONE, 4-(HYDROXYMETHYL)-1-ISOPROPYL-2-PHENYL- * UR 93
TOXICITY DATA AND REFERENCES:
° orl-mus LDLo:1000 mg/kg JAPMAB 48,671,59

DT4394100 BICARBAMIMIDE, 2-alpha-METHYLBENZYL-3-PHENYL-
UPDT:8406 MW: 281.34 MOLFM: C16-H15-N3-O2
SYN: 2-alpha-METHYLBENZYL-3-PHENYLBICARBAMIMIDE * 1,2,4-TRIAZOLIDINE-3,5-DIONE, 1-(alpha-METHYLBENZYL)-2-PHENYL- * UR 83
TOXICITY DATA AND REFERENCES:
2F12F13 orl-mus LDLo:1000 mg/kg JAPMAB 48,671,59

DT4394200 BICARBAMIMIDE, 2-(alpha-METHYLPHENETHYL)-3-PHENYL-
UPDT:8406 MW: 295.37 MOLFM: C17-H17-N3-O2
SYN: 2-(alpha-METHYLPHENETHYL)-3-PHENYLBICARBAMIMIDE * 1,2,4-TRIAZOLIDINE-3,5-DIONE, 1-(alpha-METHYLPHENETHYL)-2-METHYL- * UR 108
TOXICITY DATA AND REFERENCES:
2F12F13 orl-mus LDLo:300 mg/kg JAPMAB 48,671,59

DT4394300 BICARBAMIMIDE, 2-PHENETHYL-3-PHENYL-
UPDT:8406 MW: 281.34 MOLFM: C16-H15-N3-O2
SYN: 2-PHENETHYL-3-PHENYLBICARBAMIMIDE * 1,2,4-TRIAZOLIDINE-3,5-DIONE, 1-PHENETHYL-2-PHENYL- * UR 73
TOXICITY DATA AND REFERENCES:
2F12F13 orl-mus LDLo:1000 mg/kg JAPMAB 48,671,59

DT4394400 BICARBAMIMIDE, 2-PHENYL-3-(3-PHENYLPROPYL)-
UPDT:8406 MW: 295.37 MOLFM: C17-H17-N3-O2
SYN: 1-PHENYL-3-(3-PHENYLPROPYL)BICARBAMIMIDE * 1,3,5-TRIAZOLIDINEDIONE, 1-PHENYL-2-(3-PHENYLPROPYL)- * UR 107
TOXICITY DATA AND REFERENCES:
2F12F13 orl-mus LDLo:300 mg/kg JAPMAB 48,671,59

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

BICARBONATE of SODA see: VZ0950000
BICARBURET of HYDROGEN see: CY1400000
BICARBURRETTED HYDROGEN see: KU5340000
BICARFEN see: CL5627600
BICARNESINE see: BP2979500
BICARPHEN see: CL5627600

DT4398500 BICEP
DEF Contains 2.0 pounds a.i. of ATRAZINE and 2.5 pounds a.i. of METOLACHLOR per gallon(FMCHA2 ; C32,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4680 mg/kg FMCHA2 -,C32,83

BICEP see: AN3430000
BICHATI, extract (Indian) see: XW7766000 TRAGIA INVOLUCRATA Linn., extract excluding roots
BICHLORACETIC ACID see: AG6125000
BICHLORENDO see: PC8225000
BICHLORIDE of MERCURY see: OV9100000
1,2-BICHLOROETHANE see: KI0525000
BICHLOPURE D'ETHYLENE (French) see: KI0525000
BICHLORURE DE MERCURE (French) see: OV9100000
BICHLORURE DE PROPYLENE (French) see: TX9625000
BICHROMATE see: GA9120000 CHROMATE (Cr2-O7(sup 2-))
BICHROMATE D'AMMONIUM (French) see: HX7650000
BICHROMATE DE SODIUM (French) see: HX7700000
BICHROMATE of POTASH see: HX7680000
BICHROMATE of SODA see: HX7700000
BICILLIN see: XM9425000
BICIRON see: NI3200000
BICKIE-MOL see: AE4200000
BICNU see: YS2625000
BICOLASTIC A 75 see: WL6475000
BICOLENE C see: TQ2325000
BICOLENE H see: WL6475000
BICOLENE P see: UD1842000
BICORTONE see: TU4154L0

DT4450000 4,4'-Bi-o-CRESOL, 6,6'-DIALLYL-alpha,alpha'-BIS(DIETHYLAMINO)-, DIHYDROCHLORIDE
UPDT:8412 MOLFM: C28-H40-N2-O2 2Cl-H
TOXICITY DATA AND REFERENCES:
2R13U25 orl-hmn TDLo:243 mg/kg/9D B5GLAQ 1,304,46
1R13 orl-hmn TDLo:42 mg/kg B5GLAQ 1,304,46

DT4550000 BICUCULLINE
UPDT:8412 CAS: 485-49-4 MW: 367.38 MOLFM: C20-H17-N-O6
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:25 mg/kg NCNSA6 5,46,53
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BICYCLO(4.4.0)DECANE see: QJ3150000
BICYCLO(5.3.0)-DECA-2,4,6,8,10-PENTAENE see: CO4570000
BICYCLO(5.3.0)DECAPENTAENE see: CO4570000
BICYCLO(0.3.5)DECA-1,3,5,7,9-PENTAENE see: CO4570000
BICYCLO(2.2.2)-1,4-DIAZAOCTANE see: HM0354200
BICYCLO(2.2.1)HEPTADIENE see: RB6535000
BICYCLOHEPTADIENYLMOLYBDENUM TETRACARBONYL see: QA4684000

DT4735000 BICYCLO(2.2.1)HEPTAN-2,5-DIOL, DIALLYL ETHER
UPDT:8307 CAS: 22590-50-7 MW: 208.33 MOLFM: C13-H20-O2
SYN: BICYCLO(2.2.1)HEPT-2,5-YLENE BISALLYL ETHER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3730 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:5950 mg/kg AIHAAP 30,470,69

BICYCLO(2.2.1)HEPTANE-2-CARBONITRILE, 5-CHLORO-6-((((METHYLAMINO)CARBONYL)OXY)IMINO)- see: RB7700000
BICYCLO(2.2.1)HEPTANE-1-CARBOXALDEHYDE, 7,7-DIMETHYL-2-OXO- (9CI) see: RB6965800
BICYCLO(2.2.1)HEPTANE-7-CARBOXALDEHYDE, 1,7-DIMETHYL-2-OXO-, anti- (9CI) see: RB6966000
BICYCLO(2.2.1)HEPTANE-1-CARBOXAMIDE, N,N-DIETHYL-7,7-DIMETHYL-2-OXO- (9CI) see: RB0975500
BICYCLO(2.2.1)HEPTANE-1-CARBOXAMIDE, N,N,7,7-TETRAMETHYL-2-OXO- (9CI) see: RB6978000

DT5075000 BICYCLOHEPTANE, DIBROMO-
UPDT:8307 MW: 174.31 MOLFM: C13-H18
SYN: DIBROMOBICYCLOHEPTANE (mixed isomers)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:210 mg/kg AIHAAP 30,470,69
skn-rbt LD50:250 mg/kg AIHAAP 30,470,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BICYCLO(2.2.1)HEPTANE, 2-CHLORO-1,7,7-TRIMETHYL-, endo- (9CI) see: ED6190000 BORNANE, 2-CHLORO-, endo-

DT5077000 BICYCLO(3.1.1)HEPTANE, 6,6-DIMETHYL-2-METHYLENE-
UPDT:8307 CAS: 127-91-3 MW: 136.26 MOLFM: C10-H16
SYN: NOPINEN * NOPINENE * beta-PINENE * 2(10)-PINENE * PSEUDOPINEN * PSEUDOPINENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,859,78
TOXICITY DATA AND REFERENCES:
3A11F07J30 orl-rat LD50:4700 mg/kg FCTXAV 16,859,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DT5078500 BICYCLO(3.1.1)HEPTANE, 2,6,6-TRIMETHYL-, DIDEHYDRO deriv.
UPDT:8401 CAS: 1330-16-1 MW: 136.26 MOLFM: C10-H16
SYN: PINENE (DOT) * UN 2368 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-FLAMMABLE LIQUID; LABEL-FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DT5078600 BICYCLO(2.2.1)HEPTAN-2-OL, 2-(4-(DIETHYLAMINO)-2-BUTYNYL)-1,3,3-TRIMETHYL-, endo-
UPDT:8412 CAS: 49832-43-1 MW: 277.50 MOLFM: C18-H31-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg CHTPBA 8,281,73

DT5078700 BICYCLO(2.2.1)HEPTAN 2-OL, 2-(4-(DIETHYLAMINO)-2-BUTYNYL)-1,7,7-TRIMETHYL-, exo-
UPDT:8411 CAS: 49832-45-3 MW: 277.50 MOLFM: C18-H31-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg CHTPBA 8,281,73

BICYCLO(2.2.1)HEPTAN-2-OL, 1-((DIMETHYLAMINO)METHYL)-7,7-DIMETHYL-, exo- see: ED6651200
BICYCLO(2.2.1)HEPTAN-2-OL, 3-((DIMETHYLAMINO)METHYL)-2-PHENYL-, (2-endo,3-exo)- (9CI) see: RB7565000
BICYCLO(2.2.1)HEPTAN-2-OL, 3-((DIMETHYLAMINO)METHYL)-2-PHENYL-, ACETATE, (2-endo,3-exo)- see: RB7565500
BICYCLO(2.2.1)HEPTAN-2-OL, 7,7-DIMETHYL-1-((4-PHENYL-1-PIPERIDINYL)METHYL)-, exo- see: ED6631800
BICYCLO(2.2.1)HEPTAN-2-OL, 7,7-DIMETHYL-1-(1-PIPERIDINYLMETHYL)-, exo- (9CI) see: ED6651900
BICYCLO(2.2.1)HEPTAN-2-OL, 7,7-DIMETHYL-1-(1-PYRROLIDINYLMETHYL)-, exo- (9CI) see: ED6652200

DT5079350 BICYCLO(2.2.1)HEPTAN-2-OL, 2-(4-(1-PIPERIDINYL)-2-BUTYNYL)-1,3,3-TRIMETHYL-, endo-
UPDT:8411 CAS: 49832-44-2 MW: 289.51 MOLFM: C19-H31-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg CHTPBA 8,281,73

DT5079400 BICYCLO(2.2.1)HEPTAN-2-OL, 2-(4-(1-PIPERIDINYL)-2-BUTYNYL)-1,7,7-TRIMETHYL-, exo-
UPDT:8411 CAS: 49832-46-4 MW: 289.51 MOLFM: C19-H31-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg CHTPBA 8,281,73

DT5079500 BICYCLO(2.2.1)HEPTAN-2-OL, 2-(4-(1-PYRROLIDINYL)-2-BUTYNYL)-1,7,7-TRIMETHYL-, exo-
UPDT:8411 CAS: 49832-47-5 MW: 275.48 MOLFM: C18-H29-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg CHTPBA 8,281,73

BICYCLO(2.2.1)HEPTAN-2-OL, 1,3,3-TRIMETHYL-, (1R-endo)- see: RB7650000
BICYCLO(2.2.1)HEPTAN-2-OL, 1,7,7-TRIMETHYL-, endo- (9CI) see: ED7000000
BICYCLO(2.2.1)HEPTAN-2-OL, 1,7,7-TRIMETHYL-, (1R-endo)- (9CI) see: ED7060000
BICYCLO(2.2.1)HEPTAN-2-OL, 1,7,7-TRIMETHYL-, exo- see: NP7300000

DT5095000 BICYCLO(2.2.1)HEPTAN-2-OL, 1,7,7-TRIMETHYL-, (1S-ENDO)-
UPDT:8305 CAS: 464-45-9 MW: 154.28 MOLFM: C10-H18-O
SYN: (-)-BORNANOL * (-)-BORNEOL * 1-BORNEOL * BORNEOL (1S,2R,4S)-(-)- * 1-BORNYL ALCOHOL * 1,2-CAMPHANOL * CINDEROL * NGAI CAMPHOR
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,655,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5800 mg/kg FCTXAV 16,655,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BICYCLO(2.2.1)HEPTAN-2-ONE, 1-((DIMETHYLAMINO)METHYL)-7,7-DIMETHYL- (9CI) see: ED6836000
BICYCLO(3.1.1)HEPTAN-3-ONE, 2-HYDROXY-2,6,6-TRIMETHYL- (9CI) see: TK4586000
BICYCLO(2.2.1)HEPTAN-2-ONE, 3-METHYL-3-NITRO-, O-((METHYLAMINO)CARBONYL)OXIME see: RB7780000
BICYCLO(2.2.1)HEPTAN-2-ONE, 1,3,3-TRIMETHYL-, (1R)- (9CI) see: RB7875200
BICYCLO(2.2.1)HEPTAN-2-ONE, 1,7,7-TRIMETHYL- see: EX1225000
BICYCLO(2.2.1)HEPTAN-2-ONE, 1,7,7-TRIMETHYL-, (+-)- (9CI) see: EX1234000
BICYCLO(2.2.1)HEPTAN-2-ONE, 1,7,7-TRIMETHYL-, (1R)- see: EX1260000

DT5250000 BICYCLO(2.2.1)HEPT-5-ENE, 2-(4-CYCLOHEXENYL)-
UPDT:8307 CAS: 4711-96-0
SYN: 2-(4-CYCLOHEXENYL)BICYCLO(2.2.1)HEPT-5-ENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4290 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:3560 mg/kg AIHAAP 30,470,69

(endo,endo)-BICYCLO(2.2.1)HEPT-5-ENE-2,3-DICARBOXYLIC ACID DIMETHYL ESTER see: RB8925000
BICYCLO(2.2.1)HEPTENE-2-DICARBOXYLIC ACID, 2-ETHYLHEXYLIMIDE see: RB8575000
cis-BICYCLO(2.2.1)HEPT-5-ENE-2,3-DICARBOXYLIC ACID, DIMETHYL ESTER see: RB8925000
cis-BICYCLO(2.2.1-HEPTENE-2,3-DICARBOXYLIC ACID) METHYL ESTER see: RB8925000
BICYCLO(2.2.1)HEPT-2-ENE, 5-ETHENYL- see: RC0350000
BICYCLO(2.2.1)HEPT-5-ENE-2-METHYLOL ACRYLATE see: AT3850000

DT7000000 BICYCLO(3.1.1)HEPT-2-ENE, 2,6,6-TRIMETHYL-
UPDT:8312 CAS: 80-56-8 MW: 136.26 MOLFM: C10-H16
SYN: ACINTENE A * alpha-PINENE * 2-PINENE * alpha-PINENE (DOT) * 2,6,6-TRIMETHYLBICYCLO(3.1.1)-2-HEPT-2-ENE * UN 2368 (DOT)
IRRITATION DATA AND REFERENCES:
skn-man 100% SEV FCTXAV 16,853,78
skn-rbt 500 mg/24H MOD FCTXAV 16,853,78
TOXICITY DATA AND REFERENCES:
3A11F07J30 orl-rat LD50:3700 mg/kg FCTXAV 16,853,78
3A11D35J30 ihl-rat LCLo:625 ug/m3 FCTXAV 16,853,78
3A11D35J30 ihl-mus Lclo:364 ug/m3 FCTXAV 16,853,78
3A11D35J30 ihl-gpg LCLo:572 ug/m3 FCTXAV 16,853,78
STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE or COMBUSTIBLE LIQUID; LABEL-FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BICYCLO(4.1.0)HEPT-3-ENE, 3,7,7-TRIMETHYL- (9CI) see: FH8400000
trans-BICYCLO(2.2.1)HEPT-5-ENYL-2,3-DICARBONYLCHLORIDE see: RB8225000
alpha-(BICYCLO(2.2.1)HEPT-5-EN-2-YL)-alpha-PHENYL-1-PIPERIDINO PROPANOL see: TN3675000
alpha-(BICYCLO(2.2.1)HEPT-5-EN-2-YL)-alpha-PHENYL-1-PIPERIDINEPROPANOL HYDROCHLORIDE see: TN3700000
1-BICYCLOHEPTENYL-1-PHENYL-3-PIPERIDINO-PROPANOL-1 see: TN3675000
1-BICYCLOHEPTENYL-1-PHENYL-3-PIPERIDINOPROPANOL-1 HYDROCHLORIDE see: TN3700000
BICYCLO(2.2.1)HEPT-2,5-YLENE, BISALLYL ETHER see: DT4735000

DT7320000 BICYCLO(2.2.0)HEXA-2,5-DIENE, HEXAMETHYL-
UPDT:8401 CAS: 7641-77-2 MW: 162.30 MOLFM: C12-H18
SYN: 2-BUTIN HEXAMETHYL DEWAR BENZOL (German) * HEXAMETHYL-BICYCLO(2.2.0)HEXA-2,5-DIEN (German)
TUMORIGENIC DATA AND REFERENCES:
3V03L60P61 scu-mus TDLo:800 mg/kg/15W-I ZEKBAI 74,100,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DT7321000 (Bi-1,4-CYCLOHEXADIEN-1-YL)-3,3',6,6'-TETRONE, 2,2',5,5'-TETRAHYDROXY-4,4'-DIMETHYL-
UPDT:8305 CAS: 475-54-7 MW: 306.24 MOLFM: C14-H10-O8
SYN: OOSPOREIN
TOXICITY DATA AND REFERENCES:
* orl-brd LD50:6120 ug/kg 41KEAL -,108,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BICYCLO(3.1.0)HEXAN-3-ONE, 4-METHYL-1-(1-METHYLETHYL)-, (1S-1-alpha,4-alpha,5-alpha)- (9CI) see: XO9625000

DT7361000 (BICYCLOHEXYL)-1-CARBOXYLIC ACID, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
UPDT:8405 CAS: 5588-23-0 MW: 358.02 MOLFM: C20-H35-N-O2 Cl-H
SYN: (1,1'-BICYCLOHEXYL)-1-CARBOXLIC ACID 2-(1-PIPERIDINYL)ETHYL ESTER, HYDROCHLORIDE (9CI) * DIMEXTYVERIN HYDROCHLORIDE * DISPAS * DIVERINE * JL 1078 * METASPAS * NEOSPASMINA * OLIMPLEX * SECLIN * SPASMODEX * SPASMALEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:212 mg/kg MEIEDD 10,460,83

BEST COPY AVAIL

(1,1'-BICYCLOHEXYL)-1-CARBOXLIC ACID, 2-(1-PIPERIDINYL)ETHYL ESTER, HYDROCHLORIDE (9CI) see: DT7361000
BICYCLO(4,3,0)NONA-3,7-DIENE see: NK8750000
BICYCLONONADIENE DIEPOXIDE see: NK4900000
BICYCLONONALACTONE see: GN6261500
BICYCLO(4.2.0)OCTA-1,3,5-TRIEN-7-YL CYCLOPROPYL KETONE OXIME see: OB1228200
BICYCLO(4.2.0)OCTA-1,3,5-TRIEN-7-YL PHENYL KETONE OXIME see: OB1228400
5-BICYCLO(3.2.1)OCT-2-EN-2-YL-5-ETHYLBARBITURIC ACID see: CQ0525000
5-BICYCLO(3.2.1)OCT-2-EN-3-YL-5-ETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE see: CQ0525000
BICYCLOPENTADIENE see: PC1050000

DT8225000 BI-2,4-CYCLOPENTADIEN-1-YL, DECACHLORO-
UPDT:8403 CAS: 2227-17-0 MW: 474.60 MOLFM: C10-Cl10
SYN: BIS(PENTACHLOR-2,4-CYCLOPENTADIEN-1-YL) * BIS(PENTACHLOROCYCLOPENTADIENYL) * BIS(PENTACHLORO-2,4-CYCLOPENTADIEN-1-YL) * DECACHLOROBI-2,4-CYCLOPENTADIEN-1-YL * 1,1',2,2',3,3',4,4',5,5'-DECACHLOROBI-2,4-CYCLOPENTADIEN-1-YL * DIENOCHLOR * ENT 25,718 * HOOKER HRS 16 * HOOKER HRS 1654 * HRS 16 * HRS 1654 * HRS 16A * PENTAC * PENTAC WP

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate MUREAV 116,185,83
mmo-sat 500 ug/plate MUREAV 116,185,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1200 mg/kg ARSIM* 20,13,66

DT8400000 BICYCLO(7.2.0)UNDEC-4-ENE, 8-METHYLENE-4,11,11-TRIMETHYL-, (E)-(1R,9S)-(-)-
UPDT:8305 CAS: 87-44-5 MW: 206.41 MOLFM: C15-H26
SYN: CARYOPHYLLENE * beta-CARYOPHYLLENE * 8-METHYLENE-4,11,11-(TRIMETHYL)BICYCLO(7.2.0)UNDEC-4-ENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 11,1059,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DT8500000 BIDENS BIERNATA (Lour.) Merrill & Sherff., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 7,250,69)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:800 mg/kg IJEBA6 16,228,78
* ipr-mus LD50:250 mg/kg IJEBA6 7,250,69

DT8550000 BIDENS TRIPARTITA Linn., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 9,91,71)
UPDT:8302
SYN: KUMBAR EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 9,91,71

BIDERON see: TD5680000
BIDIPHEN see: SN0525000
BIDISIN see: UE8340000
BIDRIN see: TC3850000
BIEBRICH SCARLET BPC see: QL5775000
BIEBRICH SCARLET RED see: QL5775000
BIEBRICH SCARLET R MEDICINAL see: QL5775000
BI SB EC see: TE1750000
BIETASERPINE see: ZF9380000
BIETASERPINE BITARTRATE see: ZF9385000
BIETHYLENE see: EI9275000
1,1'-BI(ETHYLENE OXIDE) see: EJ8225000
BIETHYLXANTHOGENTRISULFIDE see: LQ7700000
BIFEX see: FC3150000
BI-FLOGAN see: GE0407000
BIFLORINE see: VS2800000
BIFLUORIDEN (Dutch) see: LM6475000
BIFLUORURE DE POTASSIUM (French) see: TS6650000
BIFONAZOL see: NI3517000
BIFONAZOLE see: NI3517000
BIFORMAL see: MD2625000
3-((1,1'-BIPHENYL)-4-YLOXY)-4-HYDROXY-1H-PYRROLE-2,5-DIONE see: UX9530000
BIFORMYL see: MD2625000
BIFORON see: DU1135000
BIFURON see: RQ3675000
BIG DIPPER see: JJ7800000
BIGITALIN see: LZ0525000

BIGUANIDE, 1-(p-N,N-ANHYDROBIS(beta-HYDROXYETHYL)CARBAMOYLPHENYL)-, HYDROCHLORIDE see: DU2044000
BIGUANIDE, 1-(p-N,N-ANHYDROBIS(beta-HYDROXYETHYL)SULFAMOYLPHENYL)- see: DU2044200
BIGUANIDE, 1-(p-N N-ANHYDROBIS(beta-HYDROXYETHYL)THIOCARBAMOYLPHENYL)-, HYDROCHLORIDE see: DU2044400
BIGUANIDE, 1,1-ANHYDRO-(beta-HYDROXYETHYL)-, HYDROCHLORIDE see: QD9815000

DU1101000 BIGUANIDE, 1-BENZYL-5-(4-CHLORO-o-TOLYL)-5-FURFURYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 432.39 MOLFM: C21-H22-Cl-N5-O Cl-H
SYN: 1-BENZYL-5-(4-CHLORO-o-TOLYL)-5-FURFURYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:31 mg/kg JAJAAA 18,196,65

DU1101200 BIGUANIDE, 1-BENZYL-5-(4-CHLORO-o-TOLYL)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 352.30 MOLFM: C16-H18-Cl-N5 Cl-H
SYN: 1-BENZYL-5-(4-CHLORO-o-TOLYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:47 mg/kg JAJAAA 18,196,65

DU1102000 BIGUANIDE, 1-BENZYL-, COPPER COMPLEX, SULFATE
UPDT:8303 MW: 542.14 MOLFM: C18-H24-Cu-N10-H2-S-O4
SYN: 1-BENZYLBIGUANIDE COPPER COMPLEX SULFATE * COPPER(2+), BIS(1-BENZYLBIGUANIDE)-, SULFATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3246 mg/kg FRPSAX 15,521,60

DU1103000 BIGUANIDE, 1-BENZYL-1-FURFURYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 307.82 MOLFM: C14-H17-N5-O Cl-H
SYN: 1-BENZYL-1-FURFURYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg JAJAAA 18,196,65

DU1106000 BIGUANIDE, 1-BENZYL-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 1421-23-4 MW: 227.73 MOLFM: C9-H13-N5 Cl-H
SYN: 1-BENZILBIGUANIDE CLORIDRATO (Italian) * BENZYLBIGUANIDE HYDROCHLORIDE * N-BENZYLBIGUANIDE HYDROCHLORIDE * 1-BENZYLBIGUANIDE HYDROCHLORIDE * IMIDODICARBONIMIDIC DIAMIDE N-(PHENYLMETHYL)- MONOHYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:481 mg/kg FRPSAX 15,521,60
* ipr-rat LD50:108 mg/kg FRPSAX 15,521,60
* ipr-mus LD50:195 mg/kg JAJAAA 18,196,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU1107000 BIGUANIDE, 1-BENZYL-5-PHENYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 303.83 MOLFM: C15-H17-N5 Cl-H
SYN: 1-BENZYL-5-PHENYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:69 mg/kg JAJAAA 18,196,65

DU1108000 BIGUANIDE, 1-BENZYL-1-(2-THENYL)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 323.86 MOLFM: C14-H17-N5-S Cl-H
SYN: 1-BENZYL-1-(2-THENYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg JAJAAA 18,196,65

DU1109000 BIGUANIDE, 1-(4-BIPHENYLYL)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 289.80 MOLFM: C14-H15-N5 Cl-H
SYN: 1-(4-BIPHENYLYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg JAJAAA 18,196,65

DU1127000 BIGUANIDE, 1-(p-BROMOBENZYL)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 306.63 MOLFM: C9-H12-Br-N5 Cl-H
SYN: 1-(p-BROMOBENZYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:193 mg/kg JAJAAA 18,196,65

BIGUANIDE, 1-(p-N-BUTYLCARBAMOYLPHENYL)-, HYDROCHLORIDE see: CU8991000

DU1133000 BIGUANIDE, 1-BUTYL-5-(4-CHLORO-o-TOLYL)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 318.29 MOLFM: C13-H20-Cl-N5 Cl-H
SYN: 1-BUTYL-5-(4-CHLORO-o-TOLYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:59 mg/kg JAJAAA 18,196,65

DU1135000 BIGUANIDE, 1-BUTYL-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 1190-53-0 MW: 193.72 MOLFM: C6-H15-N5 Cl-H
SYN: ANDERE * BIFORON * BIGUNAL * BUFONAMIN * BUFORMIN HYDROCHLORIDE * BULBONIN * N-BUTYLBIGUANIDE HYDROCHLORIDE * N(sup 1)-n-BUTYLBIGUANIDE HYDROCHLORIDE * 1-BUTYLBIGUANIDE HYDROCHLORIDE * N-BUTYL IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE (9CI) * 1-BUTYLDIGUANIDE HYDROCHLORIDE * DIABRIN * DIBETOS * GLIBUTIDE * GLIPORAL * GLYBUTIDE * INSULAMIN * KREBON * PANFORMIN * SILUBIN * SINDIATIL * TIDEMOL * ZIAVETINE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:380 mg/kg ARZNAD 12,314,62
* ipr-mus LD50:380 mg/kg JAJAAA 18,196,65
ivn-mus LD50:105 mg/kg ARZNAD 12,314,62

DU1135100 BIGUANIDE, 1-sec-BUTYL-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 4762-16-7 MW: 194.73 MOLFM: C6-H16-N5 Cl-H
SYN: 1-sec-BUTYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:384 mg/kg JAJAAA 18,196,65

DU1135200 BIGUANIDE, 1-tert-BUTYL-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 4762-17-8 MW: 194.73 MOLFM: C6-H16-N5 Cl-H
SYN: 1-tert-BUTYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:295 mg/kg JAJAAA 18,196,65

DU1136000 BIGUANIDE, 1-BUTYL-5-PHENYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 269.82 MOLFM: C12-H19-N5 Cl-H
SYN: 1-BUTYL-5-PHENYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:82 mg/kg JAJAAA 18,196,65

BIGUANIDE, 1-(p-CARBAMOYLBENZYL)-, HYDROCHLORIDE see: CU8991500

DU1177000 BIGUANIDE, 1-(o-CHLOROBENZYL)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 262.17 MOLFM: C9-H12-Cl-N5 Cl-H
SYN: 1-(o-CHLOROBENZYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:194 mg/kg JAJAAA 18,196,65

DU1192000 BIGUANIDE, 1-(5-CHLORO-2-METHOXYPHENYL)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 278.17 MOLFM: C9-H12-Cl-N5-O Cl-H
SYN: 1-(5-CHLORO-2-METHOXYPHENYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:167 mg/kg JAJAAA 18,196,65

DU1225000 BIGUANIDE, 1-(p-CHLOROPHENYL)-5-ISOPROPYL-
UPDT:8306 CAS: 500-92-5 MW: 253.77 MOLFM: C11-H16-Cl-N5
SYN: BIGUMAL * CHLORGUANIDE * CHLOROGUANIDE * 1-(p-CHLOROPHENYL)-5-ISOPROPYLBIGUANIDE * PALUDRINE * PROGUANIL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:700 mg/kg (7D pre) MEXPAG 10,361,64
1T22 orl-mus TDLo:70 mg/kg (7D pre) TXAPA9 13,228,68
1T12 orl-mus TDLo:504 mg/kg (42D pre) MEXPAG 10,361,64
1T13 orl-mus TDLo:252 mg/kg (21D pre) MEXPAG 10,361,64
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:200 mg/kg 85ESA3 9,264,76
* ipr-rat LD50:15 mg/kg 14XBAV -,367,64
ivn-rat LDLo:40 mg/kg CLDND*
orl-mus LDLo:50 mg/kg CLDND*
ipr-mus LDLo:25 mg/kg CLDND*
ivn-mus LDLo:25 mg/kg CLDND*
orl-rbt LD50:150 mg/kg CLDND*
ipr-rbt LD50:50 mg/kg CLDND*
orl-ckn LDLo:400 mg/kg CLDND*
ivn-ckn LDLo:60 mg/kg CLDND*
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU1750000 BIGUANIDE, 1-(p-CHLOROPHENYL)-5-ISOPROPYL-, MONOHYDROCHLORIDE
UPDT:8307 CAS: 637-32-1 MW: 290.23 MOLFM: C11-H16-Cl-N5 Cl-H
SYN: CHLORGUANIDE HYDROCHLORIDE * CHLOROGUANIDE HYDROCHLORIDE * CHLOROGUANIDINE HYDROCHLORIDE * N-4-CHLOROPHENYL-N(sup 5)-ISOPROPYLDIGUANIDE HYDROCHLORIDE * 1-(p-CHLOROPHENYL)-5-ISOPROPYLBIGUANIDE HYDROCHLORIDE * DIGUANYL * DRINUPAL HYDROCHLORIDE * GUANATOL HYDROCHLORIDE * M 4888 * PALUDRINE HYDROCHLORIDE * PALUSIL HYDROCHLORIDE * PROGUANIL HYDROCHLORIDE * SN 12,837 * TIRIAN HYDROCHLORIDE * 3359 RP
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:168 mg/kg (7D pre/1-7D preg) ANTCAO 12,671,62
TOXICITY DATA AND REFERENCES:
orl-rat LD50:114 mg/kg BJPCAL 2,181,47
orl-mus LD50:69 mg/kg BJPCAL 2,181,47
orl-rbt LD50:172 mg/kg BJPCAL 2,181,47
orl-ckn LD50:457 mg/kg BJPCAL 2,181,47
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU1780100 BIGUANIDE, 1-(o-CHLOROPHENYL)-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 19579-44-3 MW: 248.14 MOLFM: C8-H10-Cl-N5 Cl-H
SYN: N-(o-CHLOROPHENYL)BIGUANIDE HYDROCHLORIDE * 1-(o-CHLOROPHENYL)BIGUANIDE MONOHYDROCHLORIDE * N-(2-CHLOROPHENYL) IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:267 mg/kg JMCMAR 10,521,67

DU1780200 BIGUANIDE, 1-(p-CHLOROPHENYL)-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 4022-81-5 MW: 248.14 MOLFM: C8-H10-Cl-N5 Cl-H
SYN: N-(p-CHLOROPHENYL) BIGUANIDE HYDROCHLORIDE * 1-(p-CHLOROPHENYL)BIGUANIDE HYDROCHLORIDE * N-(4-CHLOROPHENYL) IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#04062

BEST COPY AVAILABLE

DU1783000 BIGUANIDE, 1-(4-CHLORO-o-TOLYL)-5,5-DIBENZYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 443.44 MOLFM: C23-H25-Cl-N5 Cl-H
SYN: 1-(4-CHLORO-o-TOLYL)-5,5-DIBENZYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:32 mg/kg JAJAAA 18,196,65

DU1783200 BIGUANIDE, 1-(4-CHLORO-o-TOLYL)-5-ETHYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 290.23 MOLFM: C11-H16-Cl-N5 Cl-H
SYN: 1-(4-CHLORO-o-TOLYL)-5-ETHYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:130 mg/kg JAJAAA 18,196,65

DU1783400 BIGUANIDE, 1-(4-CHLORO-o-TOLYL)-5-ISOPROPYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 304.26 MOLFM: C12-H18-Cl-N5 Cl-H
SYN: 1-(4-CHLORO-o-TOLYL)-5-ISOPROPYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:32 mg/kg JAJAAA 18,196,65

DU1783800 BIGUANIDE, 1-(4-CHLORO-o-TOLYL)-5-METHYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 276.20 MOLFM: C10-H14-Cl-N5 Cl-H
SYN: 1-(4-CHLORO-o-TOLYL)-5-METHYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:124 mg/kg JAJAAA 18,196,65

DU1784000 BIGUANIDE, 1-(3-CHLORO-o-TOLYL)-, MONOHYDROCHLORIDE
UPDT 8405 MW: 262.17 MOLFM: C9-H12-Cl-N5 Cl-H
SYN: BIGUANIDE, 1-(2-METHYL-3-CHLOROPHENYL)-, HYDROCHLORIDE * 1-(3-CHLORO-o-TOLYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:129 mg/kg JAJAAA 18,196,65

DU1784100 BIGUANIDE, 1-(4-CHLORO-o-TOLYL)-, MONOHYDROCHLORIDE
UPDT 8405 MW: 262.17 MOLFM: C9-H12-Cl-N5 Cl-H
SYN: 1-(4-CHLORO-o-TOLYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:220 mg/kg JAJAAA 18,196,65

DU1784400 BIGUANIDE, 1-(4-CHLORO-o-TOLYL)-5-(1-NAPHTHYLMETHYL)-, MONOHYDROCHLORIDE
UPDT 8405 MW: 402.36 MOLFM: C20-H20-Cl-N5 Cl-H
SYN: 1-(4-CHLORO-o-TOLYL)-5-(1-NAPHTHYLMETHYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:38 mg/kg JAJAAA 18,196,65

DU1784800 BIGUANIDE, 1-(4-CHLORO-o-TOLYL)-5-PHENYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 338.27 MOLFM: C15-H16-Cl-N5 Cl-H
SYN: 1-(4-CHLORO-o-TOLYL)-5-PHENYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:62 mg/kg JAJAAA 18,196,65

DU1788100 BIGUANIDE, 1-CYCLOHEXYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 219.76 MOLFM: C8-H17-N5 Cl-H
SYN: 1-CYCLOHEXYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:225 mg/kg JAJAAA 18,196,65

BIGUANIDE, 1-(p-N,N-DIALLYLCARBAMOYLPHENYL)-, HYDROCHLORIDE see: CU8991100

DU1788400 BIGUANIDE, 1,1-DIALLYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 217.74 MOLFM: C8-H15-N5 Cl-H
SYN: 1,1-DIALLYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:158 mg/kg JAJAAA 18,196,65

DU1788450 BIGUANIDE, 1,1-DIBENZYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 316.87 MOLFM: C16-H20-N5 Cl-H
SYN: 1,1-DIBENZYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:58 mg/kg JAJAAA 18,196,65

DU1788470 BIGUANIDE, 1,1-DIBENZYL-5-PHENYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 395.98 MOLFM: C22-H25-N5 Cl-H
SYN: 1,1-DIBENZYL-5-PHENYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg JAJAAA 18,196,65

BIGUANIDE, 1-(p-N,N-DIBUTYLCARBAMOYLPHENYL)-, HYDROCHLORIDE see: CU8991120

DU1788490 BIGUANIDE, 1,1-DIBUTYL-, HEMISULFATE, TRIHYDRATE
UPDT 8405 MW: 316.40 MOLFM: C10-H23-N5 1/2-H2-O4-S 3H2-O
SYN: 1,1-DIBUTYLBIGUANIDE HEMISULFATE TRIHYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:77 mg/kg JAJAAA 18,196,65

DU1789000 BIGUANIDE, 1-(2,5-DICHLOROPHENYL)-, MONOHYDROCHLORIDE
UPDT 8405 MW: 282.58 MOLFM: C8-H9-Cl2-N5 Cl-H
SYN: 1-(2,5-DICHLOROPHENYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:99 mg/kg JAJAAA 18,196,65

BIGUANIDE, 1-(p-N,N-DIETHYLCARBAMOYLPHENYL)-5,5-(ANHYDROBIS-(beta-HYDROXYETHYL))- see: CV4349800

BIGUANIDE, 1-(p-N,N-DIETHYLSULFAMOYLPHENYL)-, HYDROCHLORIDE see: DA9440000

BIGUANIDE, 1-(p-N,N-DIETHYLTHIOCARBAMOYLPHENYL)-, HYDROCHLORIDE see: CU8991160

DU1789200 BIGUANIDE, 1,1-DIFURFURYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 297.78 MOLFM: C12-H15-N5-O2 Cl-H
SYN: 1,1-DIFURFURYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:111 mg/kg JAJAAA 18,196,65

BIGUANIDE, 1-(p-(N,N-DIISOPROPYLCARBAMOYL)PHENYL)-, HYDROCHLORIDE, HYDRATE see: CU8991180

DU1790000 BIGUANIDE, 1,1-DIMETHYL-
UPDT 8405 CAS: 657-24-9 MW: 129.20 MOLFM: C4-H11-N5
SYN: DIMETHYLBIGUANIDE * N,N-DIMETHYLBIGUANIDE * 1,1-DIMETHYLBIGUANIDE * N,N-DIMETHYLDIGUANIDE * FLUMAMINE * GLUCOPHAGE * GLUCOPHAGE LA 6023 * GLUEOPHOGE * LA 6023 * MELBIN * METFORMIN * NNDG
MUTATION DATA AND REFERENCES:
cyt-ham:lng 2 gm/L/48H GMCRDC 27,95,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:6 gm/kg (1-12D preg) COREAF 253,321,61
TOXICITY DATA AND REFERENCES:
scu-mus LD50:230 mg/kg AITDAQ 2,1,54
ipr-mus LD50:247 mg/kg JMCMAR 10,521,67
par-frg LD50:5000 mg/kg AITDAQ 2,1,54
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, CLPTAT 5,480,64; ADVPA3 4,263,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU1800000 BIGUANIDE, 1,1-DIMETHYL-, HYDROCHLORIDE
UPDT 8406 CAS: 1115-70-4 MW: 165.66 MOLFM: C4-H11-N5 Cl-H
SYN: DIABETAGOS * DIMETHYLBIGUANIDE HYDROCHLORIDE * 1,1-DIMETHYLBIGUANIDE HYDROCHLORIDE * GLUCOPHAGE * MAURYMELLIN * IMIDODICARBONIMIDIC DIAMIDE, N,N-DIMETHYL-, MONOHYDROCHLORIDE (9CI) * MEGUAN * METFORMIN HYDROCHLORIDE * METIGUANIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD FCTOD7 20,563,82
eye-rbt 100 mg MLD FCTOD7 20,573,82
eye-rbt 100 mg/4S rns MLD FCTOD7 20,573,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1 gm/kg MEIEDD 10,849,83
* scu-rat LD50:300 mg/kg MEIEDD 10,849,83
* orl-mus LD50:1450 mg/kg NIIRDN 6,841,82
* ipr-mus LD50:420 mg/kg NIIRDN 6,841,82
* scu-mus LD50:620 mg/kg NIIRDN 6,841,82
* ivn-mus LD50:180 mg/kg CSLNX* NX#04012

BIGUANIDE, 1-(2,4-DIMETHYLPHENYL)-, HYDROCHLORIDE see: DU2848000

BIGUANIDE, 1-(2,5-DIMETHYLPHENYL)-, HYDROCHLORIDE see: DU2848100

BIGUANIDE, 1-(p-N,N-DIMETHYLSULFAMOYLPHENYL)-, HYDROCHLORIDE see: DA9440100

BIGUANIDE, 1-(p-N,N-DIMETHYLTHIOCARBAMOYLPHENYL)-, HYDROCHLORIDE, DIHYDRATE see: CU8991220

DU1824500 BIGUANIDE, 1-DODECYL-, NITRATE
UPDT 8405 MW: 332.52 MOLFM: C14-H31-N5 H-N-O3
SYN: 1-DODECYLBIGUANIDE NITRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:43 mg/kg JAJAAA 18,196,65

DU1826500 BIGUANIDE, 1-(p-ETHOXYPHENYL)-, HYDROCHLORIDE
UPDT 8303 CAS: 19579-46-5 MW: 257.76 MOLFM: C10-H15-N5-O Cl-H
SYN: p-ETHOXYPHENYLBIGUANIDE HYDROCHLORIDE * 1-(p-ETHOXYPHENYL)BIGUANIDE HYDROCHLORIDE * 1-(p-ETOSSIFENIL)BIGUANIDE CLORIDRATO (Italian) * IMIDODICARBONIMIDIC DIAMIDE, N-(4-ETHOXYPHENYL)-, MONOHYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2066 mg/kg FRPSAX 15,521,60
* ipr-rat LD50:200 mg/kg FRPSAX 15,521,60

DU1830000 BIGUANIDE, 1-ETHYL-, MONOHYDROCHLORIDE
UPDT 8405 CAS: 2113-08-8 MW: 165.66 MOLFM: C4-H11-N5 Cl-H
SYN: 1-ETHYLBIGUANIDE HYDROCHLORIDE * N-ETHYLIMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg ARZNAD 12,314,62
* ipr-mus LD50:459 mg/kg JAJAAA 18,196,65

DU1845000 BIGUANIDE, 1-(p-FLUOROBENZYL)-, MONOHYDROCHLORIDE
UPDT 8405 MW: 245.72 MOLFM: C9-H12-F-N5 Cl-H
SYN: 1-(p-FLUOROBENZYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:215 mg/kg JAJAAA 18,196,65

DU1860000 BIGUANIDE, 1-FURFURYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 217.69 MOLFM: C7-H11-N5-O Cl-H
SYN: 1-FURFURYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:254 mg/kg JAJAAA 18,196,65

DU1925000 BIGUANIDE, 1,1'-HEXAMETHYLENEBIS(5-(p-CHLOROPHENYL)-
UPDT 8308 CAS: 55-56-1 MW: 505.52 MOLFM: C22-H30-Cl2-N10
SYN: 1,6-BIS(5-(p-CHLOROPHENYL)BIGUANDINO)HEXANE * 1,6-BIS(p-CHLOROPHENYLDIGUANIDO)HEXANE * CHLORHEXIDIN (Czech) * CHLORHEXIDINE * 1,6-DI(4-CHLOROPHENYLDIGUANIDO)HEXANE * 1,1-HEXAMETHYLENEBIS(5-(p-CHLOROPHENYL)BIGUANIDE * HIBITANE * MOLVASAN * ROTERSEPT * STERIDO
IRRITATION DATA AND REFERENCES:
skn-hmn 1500 ug/3D-I MLD 85DKA8 -,127,77
MUTATION DATA AND REFERENCES:
mma-sat 400 nmol/L CBINAB 28,249,79
dnr-esc 7 umol/disc CBINAB 28,249,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:1680 mg/kg (7D pre) MEXPAG 10,361,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU1930000 BIGUANIDE, 1,1'-HEXAMETHYLENEBIS(5-(p-CHLOROPHENYL)-, DIACETATE
UPDT 8406 CAS: 56-95-1 MW: 625.64 MOLFM: C22-H30-Cl2-N10 2C2-H4-O2
SYN: 1,6-BIS(5-(p-CHLOROPHENYL)BIGUANDINO)HEXANE DIACETATE * CHLORHEXIDINE DIACETATE * 1,6-DI(4-CHLOROPHENYLDIGUANIDINO)HEXANE DIACETATE * 1,1'-HEXAMETHYLENEBIS(5-(p-CHLOROPHENYL)BIGUANIDE DIACETATE * HIBITANE DIACETATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2 gm/kg BJPCAL 9,192,54
* ipr-mus LD50:38 mg/kg BJPCAL 9,192,54
* scu-mus LD50:325 mg/kg BJPCAL 9,192,54
* ivn-mus LD50:25 mg/kg BJPCAL 9,192,54

DU1960000 BIGUANIDE, 1-HEXYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 221.78 MOLFM: C8-H19-N5 Cl-H
SYN: 1-HEXYLBIGUANIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:450 mg/kg ARZNAD 12,314,62
* ipr-mus LD50:125 mg/kg JAJAAA 18,196,65

DU1965000 BIGUANIDE, 1-ISOBUTYL-, MONOHYDROCHLORIDE
UPDT 8405 CAS: 924-84-5 MW: 193.72 MOLFM: C6-H15-N5 Cl-H
SYN: 1-ISOBUTYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:410 mg/kg JAJAAA 18,196,65

DU1967000 BIGUANIDE, 1-ISOHEXYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 221.78 MOLFM: C8-H19-N5 Cl-H
SYN: 1-ISOHEXYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:143 mg/kg JAJAAA 18,196,65

DU1969000 BIGUANIDE, 1-ISOPENTYL-, MONOHYDROCHLORIDE
UPDT 8405 MW: 179.73 MOLFM: C7-H17-N3 Cl-H
SYN: 1-ISOAMYLBIGUANIDE MONOHYDROCHLORIDE * 1-ISOPENTYLBIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:146 mg/kg JAJAAA 18,196,65

DU1970000 BIGUANIDE, 1-ISOPROPYL-, COPPER COMPLEX, SULFATE, HYDRATE
UPDT 8303 MW: 464.08 MOLFM: C10-H24-Cu-N10-H2-S-O4 H2-O
SYN: COPPER(2+), BIS(1-ISOPROPYLBIGUANIDE)-, SULFATE, HYDRATE * 1-ISOPROPYLBIGUANIDE COPPER COMPLEX SULFATE HYDRATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6443 mg/kg FRPSAX 15,521,60

DU1975000 BIGUANIDE, 1-ISOPROPYL-, HYDROCHLORIDE
UPDT 8405 CAS: 4702-14-5 MW: 179.69 MOLFM: C5-H13-N5 Cl-H
SYN: IMIDODICARBONIMIDIC DIAMIDE, N-(1-METHYLETHYL)-, MONOHYDROCHLORIDE (9CI) * 1-ISOPROPYLBIGUANIDE CLORIDRATO (Italian) * N-ISOPROPYLBIGUANIDE HYDROCHLORIDE * 1-ISOPROPYLBIGUANIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2472 mg/kg FRPSAX 15,521,60
* ipr-rat LD50:296 mg/kg FRPSAX 15,521,60
* ipr-mus LD50:475 mg/kg JAJAAA 18,196,65

DU1985000 BIGUANIDE, 1-(p-METHOXYBENZYL)-, MONOHYDROCHLORIDE
UPDT 8405 MW: 257.76 MOLFM: C10-H15-N5-O Cl-H
SYN: 1-(p-METHOXYBENZYL)BIGUANIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:325 mg/kg JAJAAA 18,196,65

DU2040000 BIGUANIDE, 1-(p-METHOXYPHENYL)-, HYDROCHLORIDE
UPDT 8405 CAS: 4838-56-6 MW: 243.73 MOLFM: C9-H13-N5-O Cl-H

BEST COPY AVAILABLE

SYN: 1-(p-METHOXYPHENYL)BIGUANIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:420 mg/kg JAJAAA 18,196,65
* ivn-mus LD50:100 mg/kg CSLNX* NX#04027

DU2040200 BIGUANIDE, 1-(3-METHOXYPROPYL)-, MONOHYDROCHLORIDE

UPDT:8405 MW: 209.72 MOLFM: C6-H15-N5-O Cl-H

SYN: 1-(3-METHOXYPROPYL)BIGUANIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:510 mg/kg JAJAAA 18,196,65

DU2040400 BIGUANIDE, 1-(alpha-METHYLBENZYL)-, MONOHYDROCHLORIDE

UPDT:8405 MW: 241.76 MOLFM: C10-H15-N5 Cl-H

SYN: 1-(alpha-METHYLBENZYL)BIGUANIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:170 mg/kg JAJAAA 18,196,65

BIGUANIDE, 1-(2-METHYL-3-CHLOROPHENYL)-, HYDROCHLORIDE see: DU1784000

DU2040500 BIGUANIDE, 1-METHYL-, COPPER COMPLEX, SULFATE, TRIHYDRATE

UPDT:8303 MW: 444.00 MOLFM: C6-H16-Cu-N10-H2-S-O4 3H2-O

SYN: COPPER(2+), BIS-(1-METHYLBIGUANIDE)-, SULFATE, TRIHYDRATE * 1-METHYLBIGUANIDE COPPER COMPLEX SULFATE TRIHYDRATE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3752 mg/kg FRPSAX 15,521,60

DU2041000 BIGUANIDE, 1-(5-METHYLFURFURYL)-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 5133-32-4 MW: 231.72 MOLFM: C8-H13-N5-O Cl-H

SYN: 1-(5-METHYLFURFURYL)BIGUANIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:215 mg/kg JAJAAA 18,196,65

DU2042000 BIGUANIDE, 1-METHYL-, MONOHYDROCHLORIDE

UPDT:8405 MW: 151.63 MOLFM: C3-H9-N5 Cl-H

SYN: 1-METHYLBIGUANIDE HYDROCHLORIDE * N-METHYLIMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE * 1-METILBIGUANIDE CLORIDRATO (Italian)

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1754 mg/kg FRPSAX 15,521,60
* ipr-rat LD50:325 mg/kg FRPSAX 15,521,60
orl-mus LD50:1750 mg/kg ARZNAD 12,314,62
* ipr-mus LD50:562 mg/kg JAJAAA 18,196,65

DU2043000 BIGUANIDE, MONOHYDROCHLORIDE

UPDT:8405 CAS: 4761-93-7 MW: 137.60 MOLFM: C2-H7-N5 Cl-H

SYN: IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1000 mg/kg JAJAAA 18,196,65

DU2044000 BIGUANIDE, 1-(p-(MORPHOLINOCARBONYL)PHENYL)-, HYDROCHLORIDE

UPDT:8405 MW: 326.83 MOLFM: C13-H18-N6-O2 Cl-H

SYN: BIGUANIDE, 1-(p-N,N-ANHYDROBIS(beta-HYDROXYETHYL)CARBAMOYLPHENYL)-, HYDROCHLORIDE * 1-(p-(MORPHOLINOCARBONYL)PHENYL)BIGUANIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:640 mg/kg JAJAAA 18,196,65

DU2044200 BIGUANIDE, 1-(p-(MORPHOLINOSULFONYL)PHENYL)-, MONOHYDROCHLORIDE

UPDT:8405 MW: 362.88 MOLFM: C12-H18-N6-O3-S Cl-H

SYN: BIGUANIDE, 1-(p-N,N-ANHYDROBIS(beta-HYDROXYETHYL)SULFAMOYLPHENYL)-, 1-(p-(MORPHOLINOSULFONYL)PHENYL)BIGUANIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:240 mg/kg JAJAAA 18,196,65

DU2044400 BIGUANIDE, 1-(p-(MORPHOLINOTHIOCARBONYL)PHENYL)-, HYDROCHLORIDE

UPDT:8405 MW: 342.89 MOLFM: C13-H18-N6-O-S Cl-H

SYN: BIGUANIDE, 1-(p-N,N-ANHYDROBIS(beta-HYDROXYETHYL)THIOCARBAMOYLPHENYL)-, HYDROCHLORIDE * 1-(p-(MORPHOLINOTHIOCARBONYL)PHENYL)BIGUANIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:315 mg/kg JAJAAA 18,196,65

DU2046000 BIGUANIDE, 1-(1-NAPHTHYLMETHYL)-, MONOHYDROCHLORIDE

UPDT:8405 MW: 277.79 MOLFM: C13-H15-N5 Cl-H

SYN: 1-(1-NAPHTHYLMETHYL)BIGUANIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:173 mg/kg JAJAAA 18,196,65

DU2065000 BIGUANIDE, 1-(m-NITROPHENYL)-, HYDROCHLORIDE

UPDT:8405 CAS: 4752-03-8 MW: 258.70 MOLFM: C8-H10-N6-O2 Cl-H

SYN: 1-(m-NITROPHENYL)-BIGUANIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:261 mg/kg JMCMAR 10,521,67

DU2075000 BIGUANIDE, 1-(p-NITROPHENYL)-, HYDROCHLORIDE

UPDT:8405 CAS: 4752-02-7 MW: 258.70 MOLFM: C8-H10-N6-O2 Cl-H

SYN: 1-(p-NITROPHENYL)BIGUANIDE HYDROCHLORIDE * N-(4-NITROPHENYL)-IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:165 mg/kg JMCMAR 10,521,67
* ivn-mus LD50:180 mg/kg CSLNX* NX#04028

BIGUANIDE, 1-(p-N,N-PENTAMETHYLENECARBAMOYLPHENYL)-, HYDROCHLORIDE see: DU2560000

BIGUANIDE, 1,1-PENTAMETHYLENE-, HYDROCHLORIDE see: TM6113500

DU2090000 BIGUANIDE, 1-PENTYL-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 4762-21-4 MW: 207.75 MOLFM: C7-H17-N5 Cl-H

SYN: AMFORMIN HYDROCHLORIDE * 1-AMYLBIGUANIDE MONOHYDROCHLORIDE * 1-PENTYLBIGUANIDE HYDROCHLORIDE * N-PENTYL-IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE (9CI)

TOXICITY DATA AND REFERENCES:

orl-mus LD50:250 mg/kg ARZNAD 12,314,62
* ipr-mus LD50:93 mg/kg JAJAAA 18,196,65

DU2100000 BIGUANIDE, 1-PHENETHYL-

UPDT:8412 CAS: 114-86-3 MW: 205.30 MOLFM: C10-H15-N5

SYN: DBI * FENFORMINA * N-beta-FENETILFORMAMIDINILIMINOUREA (Italian) * NCI-C01741 * PEDG * beta-PHENETHYLBIGUANIDE * beta-PHENETHYLBIGUANIDE * 1-PHENETHYLBIGUANIDE * PHENETHYLDIGUANIDE * N-beta-PHENETHYLFORMAMIDINYLIMINOUREA * PHENFORMIN * PHENFORMINE * PHENOFORMIN * PHENYLETHYLBIGUANIDE * W-32

TUMORIGENIC DATA AND REFERENCES:

2V03J60 ipr-mus TDLo:300 mg/kg (8W-I) CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1650 mg/kg BCFAAI 110,470,71
* orl-mus LD50:830 mg/kg BCFAAI 110,470,71
* ipr-mus LD50:140 mg/kg BCFAAI 97,396,58
1U20 ivn-gpg LDLo:30 mg/kg 432RAD 1,337,80

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-7,77)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU2125000 BIGUANIDE, 1-PHENETHYL-, COPPER COMPLEX, SULFATE

UPDT:8303 MW: 570.20 MOLFM: C20-H28-Cu-N10-H2-S-O4

SYN: COPPER(2+), BIS(1-PHENETHYLBIGUANIDE)-, SULFATE * 1-PHENETHYLBIGUANIDE COPPER COMPLEX SULFATE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3196 mg/kg FRPSAX 15,521,60

BIGUANIDE, 1-PHENETHYL-, HYDROCHLORIDE see: DU2200000

DU2200000 BIGUANIDE, 1-PHENETHYL-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 834-28-6 MW: 241.76 MOLFM: C10-H15-N5 Cl-H

SYN: BIGUANIDE, 1-PHENETHYL-, HYDROCHLORIDE * DBI-TD * DIPAR * 1-FENETILBIGUANIDE CLORIDRATO (Italian) * MELTROL * PHENETHYLBIGUANIDE HYDROCHLORIDE * N-beta-PHENETHYLBIGUANIDE HYDROCHLORIDE * 1-PHENETHYLBIGUANIDE HYDROCHLORIDE * N(sup 1)-beta-PHENETHYLBIGUANIDE HYDROCHLORIDE * 1-PHENYLAETHYLBIGUANID HYDROCHLORID (German) * PHENFORMIN HYDROCHLORIDE * PHENFORMIN HCl No. 9113 * PHENOFORMINE HYDROCHLORIDE * USAF VI-6

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:938 mg/kg FRPSAX 15,521,60
* ipr-rat LD50:172 mg/kg FRPSAX 15,521,60
1N22 orl-mus LD50:407 mg/kg TXAPA9 14,393,69
ipr-mus LD50:150 mg/kg NTIS** AD691-490
* ivn-mus LD50:17800 ug/kg CSLNX* NX#00094

BIGUANIDE, 1-PHENYL-5,5-(ANHYDROBIS-(beta-HYDROXYETHYL)-, HYDROCHLORIDE see: QD9860000

DU2550000 BIGUANIDE, 1-PHENYL-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 55-57-2 MW: 213.70 MOLFM: C8-H11-N5 Cl-H

SYN: IMIDODICARBONIMIDIC DIAMIDE, N-PHENYL-, MONOHYDROCHLORIDE * PHENYLBIGUANIDE HYDROCHLORIDE * PHENYLBIGUANIDE MONOHYDROCHLORIDE * N-PHENYLBIGUANIDE MONOHYDROCHLORIDE * 1-PHENYLBIGUANIDE MONOHYDROCHLORIDE * N-PHENYL-IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:290 mg/kg JMCMAR 10,521,67

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

DU2560000 BIGUANIDE, 1-(p-(PIPERIDINOCARBONYL)PHENYL)-, MONOHYDROCHLORIDE

UPDT:8405 MW: 324.86 MOLFM: C14-H20-N6-O Cl-H

SYN: BIGUANIDE, 1-(p-N,N-PENTAMETHYLENECARBAMOYLPHENYL)-, HYDROCHLORIDE * 1-(p-(PIPERIDINOCARBONYL)PHENYL)BIGUANIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:190 mg/kg JAJAAA 18,196,65

DU2568000 BIGUANIDE, 1-PROPYL-, HEMISULFATE

UPDT:8405 MW: 192.27 MOLFM: C5-H13-N5 1-2H2-O4-S

SYN: 1-PROPYLBIGUANIDE HEMISULFATE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:385 mg/kg JAJAAA 18,196,65

BIGUANIDE, 1-(p-SULFAMOYLPHENYL)- see: DA9440300

DU2800000 BIGUANIDINE, CHROMATE

UPDT:7801 CAS: 5188-42-1 MW: 236.20 MOLFM: C2-H10-VA-Cr-H2-O4

SYN: BIS(GUANIDINIUM) CHROMATE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:180 mg/kg CSLNX* NX#02[illegible]

REVIEW AND REFERENCES:

★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M NTIS**

DU2840000 BIGUANIDINE, 1-HYDRAZONO-4-NITROSO-

UPDT:8312 MW: 172.17 MOLFM: C2-H6-N9-O

SYN: GUANYL NITROSAMINO GUANYLIDENE HYDRAZINE (DOT) * GUANYL NITROSAMINE GUANYLIDENE HYDRAZINE, containing, by weight, at least 30% water (DOT) * GUANYL NITROSAMINO GUANYLIDENE HYDRAZINE, dry (DOT) * UN 0113 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN, dry CFRGBR 49,172.101,82
★ DOT-HAZARD:CLASS A EXPLOSIVE, LABEL:EXPLOSIVE A CFRGBR 49,172.101,82

DU2845000 BIGUANIDE, 1-o-TOLYL-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 4751-99-9 MW: 227.73 MOLFM: C9-H13-N5 Cl-H

SYN: 1-o-TOLYLBIGUANIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:350 mg/kg JAJAAA 18,196,65

DU2848000 BIGUANIDE, 1-(2,4-XYLYL)-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 4752-00-5 MW: 241.76 MOLFM: C10-H15-N5 Cl-H

SYN: BIGUANIDE, 1-(2,4-DIMETHYLPHENYL)-, HYDROCHLORIDE * 1-(2,4-XYLYL)BIGUANIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:136 mg/kg JAJAAA 18,196,65

DU2848100 BIGUANIDE, 1-(2,5-XYLYL)-, MONOHYDROCHLORIDE

UPDT:8405 MW: 241.76 MOLFM: C10-H15-N5 Cl-H

SYN: BIGUANIDE, 1-(2,5-DIMETHYLPHENYL)-, HYDROCHLORIDE * 1-(2,5-XYLYL)BIGUANIDE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:123 mg/kg JAJAAA 18,196,65

BIGUMAL see: DU1225000

BIGUNAL see: DU1135000

BIHEXYL see: JR2125000

10204-BII see: UW7900000

DU2988400 (delta(sup 2,2')-BIINDOLINE)-3,3'-DIONE

UPDT:8412 CAS: 482-89-3 MW: 246.26 MOLFM: C16-H10-N2-O2

SYN: delta(sup 2,2')-BIPSEUDOINDOXYL * 11669 BLUE * BLUE NO. 201 * C.I. 73000 * C.I. VAT BLUE 1 * CYSTOCEVA * D&C BLUE NO. 6 * D and C BLUE NO. 6 * DIINDOGEN * (2,2'-BIINDOLINE)-3,3'-DIONE * INDIGO * INDIGO BLUE * INDIGO CIBA * INDIGO CIBA SL * INDIGO J * INDIGO N * INDIGO NAC * INDIGO NACCO * INDIGO P * INDIGO PLN * INDIGO POWDER W * INDIGO PURE BASE * INDIGO PURE BASE POWDER K * INDIGO SYNTHETIC * INDIGOTIN * INDIGO VS * 3H-INDOL-3-ONE, 2-(1,3-DIHYDRO-3-OXO-2H-INDOL-2-YLIDENE)-1,2-DIHYDRO- (9CI) * LITHOSOL DEEP BLUE V * NCI-C61392 * MITSUI INDIGO PASTE * MITSUI INDIGO PURE * MONOLITE FAST NAVY BLUE BV * SYNTHETIC INDIGO * SYNTHETIC INDIGO TS * VAT BLUE 1 * VULCAFIX BLUE R * VULCAFOR BLUE A * VULCANOSINE DARK BLUE L * VYNAMON BLUE A

MUTATION DATA AND REFERENCES:

mma-sal 500 nmol/plate CRNGDP 3,1321,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

(2,2'-BIINDOLINE)-3,3'-DIONE see: DU2988400

DU3000000 (delta(sup 2,2')-BIINDOLINE)-5,5'-DISULFONIC ACID, 3,3'-DIOXO-, DISODIUM SALT

UPDT:8401 CAS: 860-22-0 MW: 468.38 MOLFM: C16-H10-N2-O8-S2-2Na

SYN: ACID BLUE discharge * ACID LEATHER BLUE K * A.F. BLUE No. 2 * AIREDALE BLUE IN * AMACID BRILLIANT BLUE * ANILINE CARMINE POWDER * ATUL INDIGO CARMINE * 1311 BLUE * 12070 BLUE * BUCACID INDIGOTINE B * CANACERT INDIGO CARMINE * CARMINE BLUE (BIOLOGICAL STAIN) * C.I. 73015 * C.I. 75781 * C.I. ACID BLUE 74 * C.I. FOOD BLUE 1 * C.I. FOOD BLUE 1, DISODIUM SALT * CILEFA BLUE R * C.I. NATURAL BLUE 2 * DISODIUM INDIGO-5,5-DISULFONATE * DISODIUM SALT of 1-INDIGOTIN-5,5-DISULPHONIC ACID * DOLKWAL INDIGO CARMINE * EDICOL SUPRA BLUE K * FD & C BLUE 2 * FD AND C BLUE No. 2 * FOOD BLUE 2 * GRAPE BLUE A GEIGY * HD INDIGO CARMINE * HD INDIGO CARMINE SUPRA * HEXACERT BLUE No. 2 * HEXACOL INDIGO CARMINE SUPRA * INDIGO CARMINE * INDIGO CARMINE A * INDIGO CARMINE AC * INDIGO CARMINE (BIOLOGICAL STAIN) * INDIGO CARMINE BP * INDIGO CARMINE CONC FQ * INDIGO CARMINE DISODIUM SALT * INDIGO CARMINE POWDER * INDIGO CARMINE X * INDIGO DISULFONATE (BIOLOGICAL STAIN) * INDIGO EXTRACT * INDIGOTIN 1 * 5,5 INDIGOTINDISULFONIC ACID * INDIGOTINE * INDIGOTINE B * INDIGOTINE BLUE L2 * INDIGOTINE CONC POWDER * INDIGOTINE DISODIUM SALT * INDIGOTINE EXTRA PURE A * INDIGOTINE I * INDIGOTINE LAKE * INDIGOTINE N * INDOLARMINE E * INTENSA BLUE * MAPLE INDIGO CARMINE * MITSUI INDIGO CARMINE * MURABBA * SALCHICHEBLAU * SAN-EI INDIGO CARMINE * SODIUM INDIGOTINDISULFONATE * SODIUM 5,5 INDIGOTINDISULFONATE * SOLUBLE INDIGO * SUMITOMO WOOL BLUE SBC * USACERT BLUE No. 2

MUTATION DATA AND REFERENCES:

cyt-ham-ovr 20 umol/L/5H-C ENMUDM 1,27,79

BEST COPY AVAILABLE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:9 gm/kg/2Y-I TXAPA9 8,29,66
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:93 mg/kg NIIRDN 6,83,82
scu-mus LDLo:100 mg/kg TXAPA9 8,29,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BIJOPARI EXTRACT (Indian) see: RN1800000
BIJTARAK SEED EXTRACT (Indian) see: CF2442000
BI-I-K see: YR6250000
BI-KELLINA see: LV1050000
BIKLIN see: WK1961200
BILAGEN see: DO4565000
BILARCIL see: TA0700000
BILETAN see: JP1190000
BILEVON see: SM0700000
BILMARCID see: CC2853000
BILIBYK see: AY3170000
BILIGRAFIN FORTE see: LZ4297000
BILIGRAFIN NATRIUM (German) see: DH6836000
BILIGRAFIN SODIUM see: DH6836000
BILIMIN see: MW5200000
BILINEURINE see: FZ9625000
BILIODYL see: ET6750000
BILIOGNOST see: MW5150000
BILI-ORAL see: GD8430000
BILIPURUM see: AB5836500
BILIRON see: FZ2500000
BILISELECTAN see: MW5150000
BILITON see: FZ2500000
BILIVISTAN NATRIUM (German) see: DH6173000
BILIVISTAN SODIUM see: DH6173000
BILITRAST see: SM8400000
BILLONI EXTRACT (Indian) see: OM0864000
BILOBORN see: TC4375000
BILOBRAN see: TC4375000
BI-LOFT, combustion products see: AT6975000
BILOPTIN see: MW5200000
BILOPTINON see: MW5200000
BILORAL see: AB5836500
BILTRICIDE see: UQ4150000
BIM see: XZ5475000
BIMETHYL see: KH3800000
B. IMPATIENS VENOM see: YX3963520
BINAPACRYL see: GQ5600000

DU3090000 (1,1'-BINAPHTHALENE)-2,2'-DIAMINE
UPDT:8401 CAS: 4488-22-6 MW: 284.38 MOLFM: C20-H16-N2
SYN: 2,2'-DIAMINO-1,1'-DINAPHTHYL
TUMORIGENIC DATA AND REFERENCES:
2V03L60 skn-mus TDLo:590 mg/kg/25W-I AJCAA7 40,62,40
2V03L60 scu-mus TDLo:2700 mg/kg/27W-I AJCAA7 40,62,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU3095000 (1,2'-BINAPHTHALENE)-1,2'-DIAMINE
UPDT:8401 CAS: 795-95-9 MW: 284.38 MOLFM: C20-H16-N2
SYN: 1,2'-DIAMINO-1',2-DINAPHTHYL
TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 skn-mus TDLo:2880 mg/kg/60W-I PRLBA4 131,170,42
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU3100000 (2,2'-BINAPHTHALENE)-8,8'-DICARBOXALDEHYDE, 1,1',6,6',7,7'-HEXAHYDROXY-5,5'-DIISOPROPYL- 3,3'-DIMETHYL-
UPDT:8407 CAS: 303-45-7 MW: 518.60 MOLFM: C30-H30-O8
SYN: 2,2'-BIS(1,6,7-TRIHYDROXY-3-METHYL-5-ISOPROPYL-8-ALDEHYDONAPHTHALENE * 8-FORMYL-1,6,7-TRIHYDROXY-5-ISOPROPYL-3-METHYL-2,2'-BISNAPHTHALENE * GOSSYPOL
MUTATION DATA AND REFERENCES:
dni-hmn:hla 10 mg/L CNREA8 44,35,84
cyt-man:lym 9 ug/plate CPHPA5 12,293,81
sce-man:lym 1 ug/plat+ CPHPA5 12,293,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T23 orl-man TDLo:17 mg/kg (60D male) CMJODS 4,417,78
1T01 orl-rat TDLo:700 mg/kg (35D male) CDESDK 3,#278,82
1T01 orl-ham TDLo:525 mg/kg (35D male) FESTAS 37,311,82
1T23 orl-ham TDLo:700 mg/kg (70D male) FESTAS 37,311,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2315 mg/kg JAOCA7 37,40,60
orl-pig LD50:550 mg/kg JAOCA7 40,571,63
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU3120000 (8,8'-BI-1H-NAPHTHO(2,3-c)PYRAN)-3,3'-DIACETIC ACID, 3,3',4,4'-TETRAHYDRO- 9,9',10,10'-TETRAHYDRO-7,7'-DIMETHOXY-1,1'-DIOXO-, DIMETHYL ESTER
UPDT:8411 CAS: 35483-50-2 MW: 480.56 MOLFM: C30-H28-O6
SYN: CROTALUS VIRIDIS VIRIDIS TOXIN * C. VIRIDIS VIRIDIS TOXIN * SC 28762 * VIRIDITOXIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ipr-mus TDLo:3500 ug/kg (10D preg) FCTXAV 14,175,76
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2800 ug/kg 85GDA2 5,408,81
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU3123000 (8,8'-BI-1H-NAPHTHO(2,3-c)PYRAN)-1,1',6,6',9,9'-HEXONE, 3,3',4,4'-TETRAHYDRO-10,10'- DIHYDROXY-7,7'-DIMETHOXY-3,3'-DIMETHYL-, (R-(R*,R*))-
UPDT:8411 CAS: 1685-91-2 MW: 574.52 MOLFM: C30-H22-O12
SYN: XANTHOMEGNIN * XANTHOMEGNINE
MUTATION DATA AND REFERENCES:
dns-rat:lvr 1 umol/L MUREAV 122,29,83
dns-mus:lvr 10 umol/L CNREA8 44,2918,84

DU3123500 (8,8'-BI-1H-NAPHTHO(1,2-c)PYRAN)-1,1',7,7',10,10'-HEXONE, 3,3',4,4'-TETRAHYDRO-6,6',9,9'- TETRAHYDROXY-3,3'-DIMETHYL-, stereoisomer
UPDT:8402 CAS: 2530-39-4 MW: 546.46 MOLFM: C28-H18-O12
SYN: BISNORXANTHOMEGNIN * LUTEOSPORIN
MUTATION DATA AND REFERENCES:
dns-rat:lvr 5 umol/L MUREAV 122,29,83

2,3,1',8'-BINAPHTHYLENE see: DF6350000
beta,beta-BINAPHTHYLENEETHENE see: TJ3700000
BINDAN see: NK6125000
BINDAZAC see: AF5085000
BIFLORIN see: QL6127800
1,1-BIS(CHLOROPHENYL)-2,2,2-TRICHLOROETHANOL see: DC8400000
BINITROBENZENE see: CZ7350000
BINNELL see: XU4550000
BINODALINE see: KH8650000
BINODALINE HYDROCHLORIDE see: NL7440000
BINODALIN-HYDROCHLORID (German) see: NL7440000
BINOTAL see: XH8350000
BINOTAL SODIUM see: XH8400000
BIO 1,137 see: JO1050000
BIO 5,462 see: RB9275000
BIOACRIDIN see: AR9660000
BIOALETRINA (Portuguese) see: GZ1950000
BIOALLETHRIN see: GZ1925000
BIOALLETHRIN see: GZ1950000
S-BIOALLETHRIN see: GZ1472000
BIOBAMAT see: TZ0175000
BIO-BEADS S-5 2 see: WL6475000
BIOCETIN see: AB6825000
BIOCIDE see: AS1050000
BIO-CLAVE see: GO7175000
BIOCOLINA see: KH2975000
BIOCORT ACETATE see: GM9140000
BIOCORTAR see: GM8960000
BIO-DES see: WJ5600000
BIODOPA see: AY5600000
BIOETHANOMETHRIN see: GZ1231000
BIOFANAL see: RF5950000
BIOFERMIN see: UY0175000
BIOFLAVONOID see: VM2975000
BIOFURACINA see: LT7700000
BIOFUREA see: LT7700000
BIOGASTRONE see: RK0250000
BIOGRISIN-FP see: WG9800000
BIOLF 62 see: MF8407000
BIOLIGNIN see: OI6000000
BIOMET TBTO see: JN8750000
BIOMIORAN see: DM5250000
BIOMITSIN see: QI7750000
BIOMYCIN see: QI7750000
BIOMYDRIN see: DO7525000
BIONIC see: QT0525000
BIONOL see: BO3150000
BIOPAL CVL-10 see: KL9625000
BIOPAL NR-20 see: KL9625000
BIOPAL VRO 10 see: KL9625000
BIOPAL VRO-20 see: KL9625000
BIOPHEDRIN see: KB0700000
BIOPHENICOL see: AB6825000

DU5412000 BIOPHYTUM SENSITIVUM DC., extract
DEF:Indian plant belonging to the family OXALIDACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 12,512,74

BIOPRASE see: CO9550000
BIOQUIN see: VC4200000
BIOQUIN see: VC5250000
BIOQUIN 1 see: VC5250000
BIORENINE see: DO2625000
BIORESMETHRIN see: GZ1310500
BIORESMETHRINE see: GZ1310500
BIORESMETRINA (Portuguese) see: GZ1310500
BIOSCLERAN see: UE9480000
BIOSEDAN see: CQ6125000
BIOSEPT see: UU4900000
BIOSERPINE see: ZG0350000
BIO-SIL see: VV8850000
BIO-SOFT D-40 see: DB6825000
BIO-SOFT D-60 see: DB6825000
BIO-SOFT D-62 see: DB6825000
BIO-SOFT D-35X see: DB6825000
BIOSOL VETERINARY see: QP4375000
BIOSTAT see: QI7875000
BIOSTAT PA see: QI7875000
BIOSTEROL see: VH6750000
BIOTERTUSSIN see: DA0500000
BIO-TESTICULINA see: XA3115000
BIO-TETRA see: QI8750000
BIOTHION see: TF6890000
BIOXIRAN see: EJ8225000
BIOXIRANE see: EJ8225000
2,2'-BIOXIRANE see: EJ8225000
2,2'-BIOXIRANE, (R-(R*,R*))- (9CI) see: XO8575080
(R*,R*)-(+-)-2,2'-BIOXIRANE see: EJ8400000
(R*,S*)-2,2'-BIOXIRANE see: EJ8750000
(S-(R*,R*))-2,2'-BIOXRANE see: EJ8575000
2,2'-BIOXIRANE, 2-METHYL- (9CI) see: EJ8800000
BIOXONE see: RO0835000
BIOXYDE D'AZOTE (French) see: QX0525000
BIOXYDE DE PLOMB (French) see: OG0700000
BIPANAL see: CP9800000
BIPEMKANTA EXTRACT (Indian) see: VM1190000
BIPERIDEN see: TN3675000
BIPERIDEN HYDROCHLORIDE see: TN3700000
BIPERIDINE HYDROCHLORIDE see: TN3700000
BIPHENICILLIN see: XH8575000
p,p'-BIPHENOL see: DV4725000
m,m'-BIPHENOL, 6,6'-DIAMINO- see: DV4900000

DUB050000 BIPHENYL
UPDT:8404 CAS: 92-52-4 MW: 154.22 MOLFM: C12-H10
SYN: BIBENZENE * 1,1-BIPHENYL * DIPHENYL * LEMONENE * PHENADOR-X * PHENYLBENZENE * PHPH * XENENE
MUTATION DATA AND REFERENCES:
sce-ham:fbr 100 umol/L JNCIAM 58,1635,77
TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 orl-mus TDLo:56 gm/kg NTIS** PB223-159
3V02J60L60 scu-mus TDLo:46 mg/kg NTIS** PB223-159

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
3C08K13K30 ihl-hmn TCLo:4400 ug/m3 AEHLAU 26,70,73
orl-rat LD50:3280 mg/kg JIHTAB 29,1,47
* ivn-mus LD50:56 mg/kg CSLNX* NX#00198
orl-rbt LD50:2400 mg/kg NASDA6 28,983,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65
★ TLV-TWA 200 ppb; STEL 600 ppm DTLVS* 4,44,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.2 ppm (SCP-C) FEREAC 39 23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S24*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1178-0256
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,1'-BIPHENYL see: DU8050000
4-BIPHENYLACETAMIDE see: AE6125000
N-4-BIPHENYLACETAMIDE see: AE6125000
4-BIPHENYLACETHYDROXAMIC ACID see: AK8225000

DU8331000 4-BIPHENYLACETIC ACID, alpha-(1-ETHYL-1-HYDROXYPROPYL)-, METHYL ESTER, (+)-

UPDT:8306 MW: 312.44 MOLFM: C20-H24-O3
SYN: (+)-alpha-(1-ETHYL-1-HYDROXYPROPYL)-4-BIPHENYLACETIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 17,509,82

DU8333500 4-BIPHENYLACETIC ACID, 2'-FLUORO-

UPDT:8402 CAS: 5001-99-0 MW: 230.25 MOLFM: C14-H11-F-O2
SYN: AFV 2 * 2-(2'-FLUOR-4-BIPHENYLYL)-ESSIGSAEURE (German) * 2'-FLUORO-4-BIPHENYLACETIC ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:638 mg/kg ARZNAD 28,1977,78
(1,1'-BIPHENYL)-4-ACETIC ACID, 2-FLUOROETHYL ESTER see: DU8335000

DU8335000 4-BIPHENYLACETIC ACID, 2-FLUOROETHYL ESTER

UPDT:8401 CAS: 4301-50-2 MW: 258.31 MOLFM: C16-H15-F-O2
SYN: (1,1'-BIPHENYL)-4-ACETIC ACID, 2-FLUOROETHYL ESTER * FLUENETHYL * FLUENETIL * FLUENYL * LAMBROL * M 2960 * MYTROL * TH 367-1
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6 mg/kg FMCHA2 -,C138,83
ipr-mus LD50:42 mg/kg EVHPAZ 14,93,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
(1,1'-BIPHENYL)-4-ACETIC ACID, 2-FLUORO-alpha-METHYL- (9CI) see: DU8341000

DU8340900 3-BIPHENYLACETIC ACID, 5-FLUORO-alpha-METHYL-

UPDT:8401 MW: 244.28 MOLFM: C15-H13-F-O2
SYN: 5-FLUORO-alpha-METHYL-3-BIPHENYLACETIC ACID
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:566 mg/kg JMCMAR 24,43,81

DU8341000 4-BIPHENYLACETIC ACID, 2-FLUORO-alpha-METHYL-

UPDT:8405 CAS: 5104-49-4 MW: 244.28 MOLFM: C15-H13-F-O2
SYN: (1,1'-BIPHENYL)-4-ACETIC ACID, 2-FLUORO-alpha-METHYL- (9CI) * BTS 18322 * 2-(2-FLUORO-4-BIPHENYLYL)PROPIONIC ACID * 2-FLUORO-alpha-METHYL-4-BIPHENYLACETIC ACID * 2-FLUORO-alpha-METHYL(1,1'-BIPHENYL)-4-ACETIC ACID * 3-FLUORO-4-PHENYLHYDRATROPIC ACID * FLURBIPROFEN * FP 70 * FROBEN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:88 mg/kg IYKEDH 10,232,79
* ipr-rat LD50:81 mg/kg IYKEDH 10,232,79
* scu-rat LD50:87 mg/kg IYKEDH 10,232,79
* orl-mus LD50:457 mg/kg IYKEDH 10,232,79
* scu-mus LD50:447 mg/kg IYKEDH 10,232,79
* orl-dog LD50:10 mg/kg IYKEDH 10,232,79
* orl-rbt LD50:290 mg/kg NIIRDN 6,707,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU8341100 4-BIPHENYLACETIC ACID, 2'-FLUORO-alpha-METHYL-

UPDT:8402 CAS: 5005-84-5 MW: 244.28 MOLFM: C15-H13-F-O2
SYN: AFV 5 * 2-(2'-FLUOR-4-BIPHENYL)-PROPIONSAEURE (German) * 2'-FLUORO-alpha-METHYL-4-BIPHENYLACETIC ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:337 mg/kg ARZNAD 28,1977,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU8346000 4-BIPHENYLACETIC ACID, alpha-(1-HYDROXYCYCLOHEXYL)-, METHYL ESTER, (-)-

UPDT:8306 MW: 324.45 MOLFM: C21-H24-O3
SYN: (-)-alpha-(1-HYDROXYCYCLOHEXYL)-4-BIPHENYLACETIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 17,509,82

DU8346100 4-BIPHENYLACETIC ACID, alpha-(1-HYDROXYCYCLOHEXYL)-, METHYL ESTER, (+)-

UPDT:8306 MW: 324.45 MOLFM: C21-H24-O3
SYN: (+)-alpha-(1-HYDROXYCYCLOHEXYL)-4-BIPHENYLACETIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 17,509,82

DU8347000 4-BIPHENYLACETIC ACID, alpha-(alpha-HYDROXY-alpha-METHYLBENZYL)-, METHYL ESTER, erythro- (+-)-

UPDT:8306 MW: 346.45 MOLFM: C23-H22-O3
SYN: erythro-(+-)-alpha-(alpha-HYDROXY-alpha-METHYLBENZYL)-4-BIPHENYLACETIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 17,509,82

DU8347500 4-BIPHENYLACETIC ACID, alpha-(1-HYDROXY-1-METHYLETHYL)-, METHYL ESTER, (-)-

UPDT:8306 MW: 284.38 MOLFM: C18-H20-O3
SYN: (-)-alpha-(1-HYDROXY-1-METHYLETHYL)-4-BIPHENYLACETIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 17,509,82

DU8376000 4-BIPHENYLACETIC ACID, alpha-METHYL-

UPDT:8403 MW: 226.29 MOLFM: C15-H14-O2
SYN: 2-(p-BIPHENYL)PROPIONIC ACID * BPPA * alpha-METHYL-4-BIPHENYLACETIC ACID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:45 mg/kg (5D pre) BIREBV 28,134,83
1T12 scu-rat TDLo:85 mg/kg (9D pre) BIREBV 28,134,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU8393000 4-BIPHENYLACRYLIC ACID, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER

UPDT:8312 MW: 447.01 MOLFM: C27-H27-Cl-N2-O2
SYN: 1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 4-BIPHENYLACRYLATE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:1450 mg/kg JPMSAE 55,290,66

BIPHENYLAMINE see: DU8925000
p-BIPHENYLAMINE see: DU8925000
o-BIPHENYLAMINE see: DU8850000
(1,1'-BIPHENYL)-3-AMINE (9CI) see: DU8900000
(1,1'-BIPHENYL)-4-AMINE see: DU8925000

DU8850000 2-BIPHENYLAMINE

UPDT:8406 CAS: 90-41-5 MW: 169.24 MOLFM: C12-H11-N
SYN: o-AMINOBIPHENYL * 2-AMINOBIPHENYL * o-AMINODIPHENYL * 2-AMINODIPHENYL * o-BIPHENYLAMINE * (1,1'-BIPHENYL)-2-AMINE (9CI) * o-PHENYLANILINE * 2-PHENYLANILINE
MUTATION DATA AND REFERENCES:
mma-sat 33 ug/plate ENMUDM 5(Suppl 1),3,83
mma-sat 25 ug/plate MUREAV 124,325,83
pic-esc 250 mg/L CNREA8 41,532,81
dnd-rat:lvr 3 mmol/L SinJF# 26OCT82
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2340 mg/kg JIHTAB 29,1,47
orl-rbt LD50:1020 mg/kg JIHTAB 29,1,47
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

DU8900000 3-BIPHENYLAMINE

UPDT:8403 CAS: 2243-47-2 MW: 169.24 MOLFM: C12-H11-N
SYN: m-AMINOBIPHENYL * 3-AMINOBIPHENYL * (1,1'-BIPHENYL)-3-AMINE (9CI) * m-PHENYLANILINE * 3-PHENYLANILINE
MUTATION DATA AND REFERENCES:
mma-sat 10 mg/L ENMUDM 5,803,83

DU8925000 4-BIPHENYLAMINE

UPDT:8411 CAS: 92-67-1 MW: 169.24 MOLFM: C12-H11-N
SYN: p-AMINOBIPHENYL * 4-AMINOBIPHENYL * 4-AMINODIFENIL (Spanish) * p-AMINODIPHENYL * 4-AMINODIPHENYL * BIPHENYLAMINE * (1,1'-BIPHENYL)-4-AMINE * p-BIPHENYLAMINE * PARAAMINODIPHENYL * p-PHENYLANILINE * XENYLAMIN (Czech) * XENYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate TOLED5 4,519,79
mma-sat 2 ug/plate ENMUDM 5(Suppl 1),3,83
mma-esc 900 ug/L CNREA8 39,682,79
dnr-esc 250 mg/L JJIND8 62,873,79
dnd-esc 30 umol/L MUREAV 89,95,81
pic-esc 25 mg/L CNREA8 41,532,81
dnr-bcs 100 uL/plate MUREAV 97,1,82
mrc-smc 2 pph JJIND8 62,901,79
dns-hmn:fbr 800 ug/L TXCYAC 21,151,81
msc-hmn:fbr 60 mg/L MUREAV 121,71,83
otr-rat-orl 100 mg/kg CNREA8 40,1157,80
dnd-rat:lvr 30 umol/L SinJF# 26OCT82
dns-rat-orl 200 mg/kg ENMUDM 6,474,84
dns-rat:lvr 5 umol/L ENMUDM 3,11,81
bfa-rat/sat 250 umol/kg TXCYAC 16,113,80
cyt-rat-ipr 10 mg/kg/72H NULSAK 23,36,80
hma-rat/sat 1 mmol/kg MUREAV 93,317,82
dns-mus-orl 200 mg/kg ENMUDM 6,474,84
msc-mus:lym 5 mg/L MUREAV 125,291,84
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
otr-ham:emb 5 mg/L NCIMAV 58,243,81
dnd-ham:lng 300 umc¹/L/2H BBRCA9 72,732,76
sce-ham-ipr 50 mg/kg MUREAV 113,33,83
sce-ham-orl 50 mg/kg MUREAV 113,33,83
msc-ham:lng 5 mg/L CNREA8 43,5194,83
dnd-dog-orl 60 umol/kg EVHPAZ 49,125,83
bfa-dog/sat 10 mg/kg CNREA8 37,1757,77
dns-rbt:lvr 500 umol/L CNREA8 43,3120,83
TUMORIGENIC DATA AND REFERENCES:
2V03V08 orl-rat TDLo:3850 mg/kg/35W-C ARZNAD 12,270,62
3V03L60M61 scu-rat TDLo:4560 mg/kg/44W-I NATUAS 175,1131,55
3V03L60M60 orl-mus TDLo:1520 mg/kg/39W-I BJCAAI 19,297,65
2V01L60 scu-mus TDLo:216 mg/kg/3D-I JNCIAM 41,403,68
3V03K60L60 scu-rat TD :5000 mg/kg/W-I BMBUAQ 14,141,58
3V03J60M60 orl-dog TD :5580 mg/kg/4Y-I NEOLA4 15,3,68
2V03M60 orl-dog TD :8200 mg/kg/90W-I JAMAAP 172,1611,60
2V03M60 orl-dog TD :8200 mg/kg/2Y-I IMSUAI 27,25,58
2V03M60 orl-dog TD :9600 mg/kg/3Y-I IMSUAI 27,25,58
2V03M60 orl-dog TD :8400 mg/kg/2Y-I IMSUAI 27,25,58
2V03M60 orl-dog TD :14 gm/kg/3Y-I IMSUAI 27,25,58
TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg JIHTAB 29,1,47
ipr-mus LDLo:250 mg/kg CBCCT* 6,54,54
orl-dog LDLo:25 mg/kg SCIEAS 167,992,70
orl-rbt LD50:690 mg/kg JIHTAB 29,1,47
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: KHZHAZ 12(2),85,76; ADCSAJ 13,271,70; BLFSBY 24,253,83
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 1,74,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,74,72
★ CARCINOGENIC REVIEW:HUMAN POSITIVE IARC** 28,151,82
★ TLV-HUMAN CARCINOGEN; NO TWA DTLVS* 4,14,80
STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39 3756,74
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 269*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
(1,1'-BIPHENYL)-2-AMINE (9CI) see: DU8850000

DU9000000 4-BIPHENYLAMINE, 3-CHLORO-

UPDT:8401 CAS: 5730-85-8 MW: 203.68 MOLFM: C12-H10-Cl-N
SYN: 3-CHLORO-4-AMINODIPHENYL * 3-CHLOROBIPHENYLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03K60 scu-rat TDLo:7000 mg/kg/W-I BMBUAQ 14,141,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU9090000 4-BIPHENYLAMINE, N,N-DIMETHYL-

UPDT:8401 CAS: 1137-79-7 MW: 197.30 MOLFM: C14-H15-N
SYN: 4-BIPHENYLDIMETHYLAMINE * 4-DIMETHYLAMINOBIPHENYL
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:19 gm/kg/43W-C CNREA8 16,525,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU9100000 4-BIPHENYLAMINE, 3,2'-DIMETHYL-

UPDT:8412 CAS: 13394-86-0 MW: 197.30 MOLFM: C14-H15-N

BEST COPY AVAILABLE

SYN: (m,o: BITOLYL)-4-AMINE * 2,3-DIMETHYL-4-AMINOBIPHENYL * 3,2'-DIMETHYL-4-AMINOBIPHENYL * 3,2'-DIMETHYL-4-AMINODIPHENYL * 3,2'-DIMETHYL-4-BIPHENYLAMINE * 3,2'-DMAB

MUTATION DATA AND REFERENCES:

	mma-sat 10 ug/plate	PNASA6 72,5135,75
	dnr-esc 250 mg/L	JJIND8 62,873,79
	dnd-rat-scu 20 mg/kg	PAACA3 24,66,83
	dns-rat-ipr 10 mg/kg	CALEDQ 22,211,84
	dns-rat:lvr 10 umol/L	CALEDQ 4,69,78
	bfa-rat/sat 250 umol/kg	JJIND8 63,977,79
	bfa-rat/sat 32 mg/kg/2D	PNASA6 72,4607,75
	hma-rat/sat 40 mg/kg/2D	AJCNAC 30,1921,77
	cyt-mus-orl 50 mg/kg	JJIND8 71,133,83
	otr-ham:emb 100 ug/L	NCIMAV 58,243,81

TUMORIGENIC DATA AND REFERENCES:

3V01M60R60	scu-rat TDLo:680 mg/kg/1	ARPAAQ 86,475,68
3V03K61L60	par-rat TDLo:280 mg/kg/14W-I	23HZAR -,280,70
3V01M60T63	scu-ham TDLo:2300 mg/kg/37W-I	JNCIAM 48,1733,72
3V01M60L60	scu-ham TD :1095 mg/kg/37W-I	CALEDQ 20,349,83
3V01K60K61	scu-rat TD :960 mg/kg/21W-I	ANZJA7 29,38,59
3V01D45K60	scu-rat TD :1000 mg/kg/20W-I	JJIND8 71,419,83
3V01K60M60	scu-ham TD :4440 mg/kg/77W-I	JJIND8 67,481,81
3V01K60K61	scu-rat TD :1000 mg/kg/20W-I	CNREA8 41,1363,81
2V01K61	scu-rat TD :10400 mg/kg/2Y-I	CANCAR 28,29,71
2V03K61	scu-rat TD :1240 mg/kg/29W-I	CANCAR 23,1200,69
2V03K61	scu-rat TD :1160 mg/kg/29W-I	CANCAR 23,1200,69
3V01M20M60	scu-rat TD :2300 mg/kg/36W-I	BJCAAI 9,170,55
3V01K60K61	scu-rat TD :1100 mg/kg/31W-I	CNREA8 27,708,67

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1130 mg/kg	JJIND8 62,911,79

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCSAJ 13,271,70; JJIND8 68,867,82

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU9275000 4-BIPHENYLAMINE, 3,3'-DIMETHYL-
UPDT:8401 CAS: 13629-82-8 MW: 197.30 MOLFM: C14-H15-N
SYN: 3,3'-DIMETHYL-4-AMINOBIPHENYL * 3,3'-DIMETHYL-4-AMINODIPHENYL * 3,3'-DIMETHYL-4-BIPHENYLAMINE

TUMORIGENIC DATA AND REFERENCES:

3V01K60K61	scu-rat TDLo:960 mg/kg/21W-I	ANZJA7 29,38,59
3V03D45K60	scu-rat TD :2400 mg/kg/W-I	BMBUAQ 14,141,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU9471000 4-BIPHENYLAMINE, 2,3'-DIMETHYL-, HYDROCHLORIDE
UPDT:8401 CAS: 69207-51-8 MW: 233.76 MOLFM: C14-H15-N-Cl-H
SYN: 2,3'-DIMETHYL-4-AMINOBIPHENYL HYDROCHLORIDE * 2,3'-DIMETHYL-4-BIPHENYLAMINE HYDROCHLORIDE

MUTATION DATA AND REFERENCES:

	otr-ham:emb 100 ug/L	IJCNAW 19,642,77

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DU9625000 4-BIPHENYLAMINE, 4'-FLUORO-
UPDT:8401 CAS: 324-93-6 MW: 187.23 MOLFM: C12-H10-F-N
SYN: 4-AMINO-4'-FLUORODIPHENYL * 4'-FLUORO-4-AMINODIPHENYL * 4'-FLUORO-4-BIPHENYLAMINE

TUMORIGENIC DATA AND REFERENCES:

2V01R60	orl-rat TDLo:300 mg/kg	CNREA8 26,619,66
2V02L60	orl-mus TDLo:520 mg/kg/26W-I	BJCAAI 19,297,65
3V03L60M61	scu-rat TD :2000 mg/kg/W-I	BMBUAQ 14,141,58
3V03L60M61	scu-rat TD :1990 mg/kg/20W-I	NATUAS 175,1131,55

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:300 mg/kg	CNREA8 26,619,66

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU9649000 2-BIPHENYLAMINE, HYDROCHLORIDE
UPDT:8412 CAS: 2185-92-4 MW: 205.70 MOLFM: C12-H11-N-Cl-H
SYN: NCI-C50282

TUMORIGENIC DATA AND REFERENCES:

2V01H60	orl-mus TDLo:260 gm/kg/2Y-C	NTPTR* NTP-TR-233,82
2V01H60	orl-mus TD :262 gm/kg/2Y-C	FAATDF 2,201,82

STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE;MOUSE (NTPTR* NTP-TR-233,82)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;RAT (NTPTR* NTP-TR-233,82)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(1,1'-BIPHENYL)-4-AMINE, N-HYDROXY- see: NC3150000

DU9700000 4-BIPHENYLAMINE, 3-METHOXY-
UPDT:8401 CAS: 56970-24-2 MW: 199.27 MOLFM: C13-H13-N-O
SYN: 3-METHOXYBIPHENYLAMINE * 3-METHOXY-4-AMINODIPHENYL

TUMORIGENIC DATA AND REFERENCES:

2V03M60	scu-rat TDLo:4400 mg/kg/W-I	BMBUAQ 14,141,58

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCSAJ 13,271,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DU9800000 4-BIPHENYLAMINE, 2-METHYL-
UPDT:8401 CAS: 63019-97-6 MW: 183.27 MOLFM: C13-H13-N
SYN: 2-METHYL-4-AMINODIPHENYL * 2-METHYL-4-PHENYLANILINE

TUMORIGENIC DATA AND REFERENCES:

2V03L60	scu-rat TDLo:2400 mg/kg/W-I	BMBUAQ 14,141,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV0175000 4-BIPHENYLAMINE, 3-METHYL-
UPDT:8401 CAS: 63019-98-7 MW: 183.27 MOLFM: C13-H13-N
SYN: 3-METHYL-4-AMINOBIPHENYL * 3-METHYL-4-AMINODIPHENYL

TUMORIGENIC DATA AND REFERENCES:

3V03D45K60	scu-rat TDLo:1200 mg/kg/W-I	BMBUAQ 14,141,58
2V03K60	scu-rat TD :1600 mg/kg	AICCA6 10,174,54

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV0250000 4-BIPHENYLAMINE, 4'-METHYL-
UPDT:8401 CAS: 1204-78-0 MW: 183.27 MOLFM: C13-H13-N
SYN: 4-METHYL-4-AMINODIPHENYL * 4-METHYLBIPHENYLAMINE

TUMORIGENIC DATA AND REFERENCES:

3V03D45K60	scu-rat TDLo:10 gm/kg/W-I	BMBUAQ 14,141,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV0350000 4-BIPHENYLAMINE, 4'-NITRO-
UPDT:8401 CAS: 1211-40-1 MW: 214.24 MOLFM: C12-H10-N2-O2
SYN: 4-AMINO-4'-NITROBIPHENYL * 4'-NITRO-4-BIPHENYLAMINE

TUMORIGENIC DATA AND REFERENCES:

3V03M60R60	orl-rat TDLo:1440 mg/kg/73W-I	TXAPA9 14,661,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV0400000 4-BIPHENYLAMINE, 3,2',4',6'-TETRAMETHYL-
UPDT:8401 CAS: 73728-78-6 MW: 225.36 MOLFM: C16-H19-N
SYN: 3,2',4',6'-TETRAMETHYLAMINODIPHENYL * 3,2',4',6'-TETRAMETHYLBIPHENYLAMINE

TUMORIGENIC DATA AND REFERENCES:

3V03K60L60	scu-rat TDLo:1400 mg/kg/W-I	BMBUAQ 14,141,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV0450000 4-BIPHENYLAMINE, 3,2',5'-TRIMETHYL-
UPDT:8401 CAS: 73728-79-7 MW: 211.33 MOLFM: C15-H17-N
SYN: 3,2',5'-TRIMETHYL-4-AMINODIPHENYL * 3,2',5'-TRIMETHYLBIPHENYLAMINE

TUMORIGENIC DATA AND REFERENCES:

3V03K60L60	scu-rat TDLo:1400 mg/kg/W-I	BMBUAQ 14,141,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV0700000 1,1'-BIPHENYL, 2-ARSENOSO-
UPDT:7907 CAS: 63992-33-6 MW: 244.13 MOLFM: C12-H9-As-O
SYN: 2-ARSENOSO-1,1-BIPHENYL

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:100 mg/kg	NCNSA6 5,13,53

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 500 ug(As)/m3	FEREAC 39,23540,74

DV0875000 2-BIPHENYLARSONIC ACID
UPDT:7408 CAS: 6639-38-9 MW: 278.15 MOLFM: C12-H11-As-O3
SYN: ARSONIC ACID, (1,1'-BIPHENYL)-2-YL-

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:15 mg/kg	NCNSA6 5,13,53

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 500 ug(As)/m3	FEREAC 39,23540,74

2-BIPHENYLARSONIC ACID, DISODIUM SALT see: CH9491500
2-BIPHENYLARSONIC ACID, MONOSODIUM SALT see: CH9492000
N-4-BIPHENYLBENZAMIDE see: CV8750000
1-(4-BIPHENYLYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1109000

DV1500000 BIPHENYL, mixed with BIPHENYL OXIDE (3:7)
UPDT:8408 CAS: 8004-13-5 MW: 324.44 MOLFM: C12-H10-C12-H10-O
SYN: BIPHENYL DIPHENYL ETHER mixture * 1,1-BIPHENYL mixt with 1,1-OXYBIS(BENZENE) * DIPHENYL mixed with DIPHENYL OXIDE * DINIL * DINYL * DIPHYL * DOWTHERM * DOWTHERM A * PHENYL ETHER-DIPHENYL MIXTURE

TOXICITY DATA AND REFERENCES:

3D07D25J30	ihl-hmn TCLo:3 ppm	28ZRAQ -,204,60
3F07F12F24	orl-rat LD50:4140 mg/kg	AITRD3 -,441,78
*	orl-mus LD50:3210 mg/kg	GTPZAB 13(4),42,69
*	orl-rbt LD50:4200 mg/kg	85GMAT -,61,82
*	orl-gpg LD50:3 gm/kg	85GMAT -,61,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ATORAI -,-,48

★	TLV-TWA 500 ppb; STEL 2 ppm (vapor)	DTLVS* 4,331,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 1 ppm (vapor) (SCP-F)	FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S73
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(1',1'-BIPHENYL)-4-BUTANOIC ACID see: ES7400000

DV1760500 (1,1'-BIPHENYL)-4-BUTANOIC ACID, alpha,gamma-DIOXO-
UPDT:8312 CAS: 85763-16-2 MW: 268.28 MOLFM: C16-H12-O4
SYN: 4-BIPHENYLYL 2,4-DIOXO-BUTYRIC ACID * alpha,gamma-DIOXO(1,1'-BIPHENYL)-4-BUTANOIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:302 mg/kg	JMCMAR 26,1196,83

DV1761000 (1,1'-BIPHENYL)-4-BUTANOIC ACID, gamma-OXO-
UPDT:8403 CAS: 36330-85-5 MW: 254.30 MOLFM: C16-H14-O3
SYN: 3-(4-BIPHENYLYLCARBONYL)PROPIONIC ACID * 4-(4-BIPHENYLYL)-4-OXOBUTYRIC ACID * BUFEMID * BUTYRIC ACID 4-(4-BIPHENYLYL)-4-OXO- * CINOPAL * CINOPOL * CL 82204 * DIPHENYL-4-gamma-OXO-gamma-BUTYRIC ACID * FENBUFEN * LEDERFEN * gamma-OXO(1,1'-BIPHENYL)-4-BUTANOIC ACID * beta-p-PHENYLBENZOYLPROPIONIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T26T35T81	orl-rat TDLo:1120 mg/kg (16-22D preg/21D post)	ARZNAD 30,725,80
3T71T75T76	orl-rat TDLo:1120 mg/kg (15-22D preg/21D post)	ARZNAD 30,725,80
2T16T72	orl-rat TDLo:340 mg/kg (14D pre/1-13D preg)	ARZNAD 30,725,80

TOXICITY DATA AND REFERENCES:

3K06K08P01	orl-rat LD50:200 mg/kg	ARZNAD 30,721,80
3K06K08P01	ipr-rat LD50:265 mg/kg	ARZNAD 30,721,80
3K06K08P01	scu-rat LD50:247 mg/kg	ARZNAD 30,721,80
3K06K08P01	orl-mus LD50:795 mg/kg	ARZNAD 30,721,80
3K06K08P01	ipr-mus LD50:506 mg/kg	ARZNAD 30,721,80
*	scu-mus LD50:1189 mg/kg	IYKEDH 10,884,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-(4-BIPHENYL)BUTYRIC ACID see: ES7400000

DV1778000 (1,1'-BIPHENYL)-3-CARBOXAMIDE, 5-CHLORO-N-(2,5-DICHLOROPHENYL)-2-HYDROXY-
UPDT:8308 MW: 392.67 MOLFM: C19-H12-Cl3-N-O2
SYN: 5-CHLORO-N-(2,5-DICHLOROPHENYL)-2-HYDROXY-(1,1'-BIPHENYL)-3-CARBOXAMIDE * ENT 27,135 * MONSANTO CP-42320 * OM-1459

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:6310 mg/kg	ARSIM* 20,15,66

(1,1'-BIPHENYL)-3-CARBOXAMIDE, 5-CHLORO-N-(3,4-DICHLOROPHENYL)-2-HYDROXY- see: DV1780000
(1,1'-BIPHENYL)-3-CARBOXAMIDE, 4',5-DICHLORO-N-(4-CHLOROPHENYL)-2-HYDROXY- see: DV1800000
1,1'-BIPHENYL-3-CARBOXAMIDE, 4',5-DICHLORO-N-(4-FLUORO-2-METHYLPHENYL)-2-HYDROXY- see: DV2050000

DV1780000 3-BIPHENYLCARBOXANILIDE, 3'',4'',5-TRICHLORO-2-HYDROXY-
UPDT:8309 CAS: 5212-99-7 MW: 392.67 MOLFM: C19-H12-Cl3-N-O2
SYN: (1,1'-BIPHENYL)-3-CARBOXAMIDE, 5-CHLORO-N-(3,4-DICHLOROPHENYL)-2-HYDROXY- * 5-CHLORO-N-(3,4-DICHLOROPHENYL)-2-HYDROXY-(1,1'-BIPHENYL)-3-CARBOXAMIDE * CP 42366 * ENT 27,136 * MONSANTO CP-42366 * OM-1460

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3980 mg/kg	ARSIM* 20,15,66

DV1800000 3-BIPHENYLCARBOXANILIDE, 4',4'',5-TRICHLORO-2-HYDROXY-
UPDT:8309 CAS: 4019-40-3 MW: 392.67 MOLFM: C19-H12-Cl3-N-O2
SYN: (1,1'-BIPHENYL)-3-CARBOXAMIDE, 4',5-DICHLORO-N-(4-CHLOROPHENYL)-2-HYDROXY- * CP 43858 * 4',5-DICHLORO-N-(4-CHLOROPHENYL)-2-HYDROXY-(1,1'-BIPHENYL)-3-CARBOXAMIDE * ENT 27,139 * MONSANTO CP-43858 * OM-1463 * SALICYLANILIDE, 3-(4-CHLOROPHENYL)-4',5-DICHLORO-

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2810 mg/kg	ARSIM* 20,16,66
	ipr-mus LD50:73 mg/kg	BCPCA6 18,1389,69

(1,1'-BIPHENYL)-3-CARBOXYLIC ACID, 2',4'-DIFLUORO-4-HYDROXY- see: DV2030000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

DV2030000 3-BIPHENYLCARBOXYLIC ACID, 2',4'-DIFLUORO-4-HYDROXY-
UPDT:8407 CAS: 22494-42-4 MW: 250.21 MOLFM: C13-H8-F2-O3
SYN: (1,1'-BIPHENYL)-3-CARBOXYLIC ACID, 2',4'-DIFLUORO-4-HYDROXY- * DIFLUNISAL * 2',4'-DIFLUORO-4-HYDROXY-(1,1'-BIPHENYL)-3-CARBOXYLIC ACID * 2',4'-DIFLUORO-4-HYDROXY-3-BIPHENYLCARBOXYLIC ACID * 2',4'-DIFLUORO-4-HYDROXY-(1,1'-BIPHENYL)-3-CARBOXYLIC ACID * 5-(2,4-DIFLUOROPHENYL)SALICYLIC ACID * DOLOBID * DOLOBIL * DOLOBIS * FLOVACIL * FLUNIGET * 2-(HYDROXY)-5-(2,4-DIFLUOROPHENYL)BENZOIC ACID * MK 647
TOXICITY DATA AND REFERENCES:
2F30L11 orl-hmn TDLo:71 mg/kg/5D-I BMJOAE 2,736,78
orl-rat LD50:710 mg/kg BCPHBM 4,195,77
orl-mus LD50:439 mg/kg BCPHBM 4,195,77
orl-rbt LD50:603 mg/kg BCPHBM 4,195,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV2050000 3-BIPHENYLCARBOXY-o-TOLUIDIDE, 4',5-DICHLORO-4''-FLUORO-2-HYDROXY-
UPDT:8309 CAS: 24283-57-6 MW: 390.25 MOLFM: C20-H14-Cl2-F-N-O2
SYN: 1,1'-BIPHENYL-3-CARBOXAMIDE, 4',5-DICHLORO-N-(4-FLUORO-2-METHYLPHENYL)-2-HYDROXY- * CP 48985 * 4',5-DICHLORO-N-(4-FLUORO-2-METHYLPHENYL)-2-HYDROXY-(1,1'-BIPHENYL)-3-CARBOXAMIDE * ENT 27 349 * MONSANTO CP-48985 * NSC 190947 * SALICYLANILIDE, 5-CHLORO-3-(4-CHLOROPHENYL)-4'-FLUORO-2'-METHYL-
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2510 mg/kg ARSIM* 20,16,66
ipr-mus LD50:151 mg/kg BCPCA6 18,1389,69

DV2063000 BIPHENYL, CHLORO-
UPDT:8408 CAS: 27323-18-8 MW: 188.66 MOLFM: C12-H9-Cl
SYN: AROCLOR 1254 * 1,1'-BIPHENYL, CHLORO- * CHLOROBIPHENYL * CHLORODIPHENYL * CHLORODWUFENOL (Polish) * DIPHENYLCHLORIDE * MONOCHLOROBIPHENYL
MUTATION DATA AND REFERENCES:
pic-esc 100 mmol/L MDMIAZ 31,11,79
dnd-rat:lvr 300 umol/L MUREAV 113,357,83

DV2065000 BIPHENYL, 2-CHLORO-
UPDT:8004 CAS: 2051-60-7 MW: 188.66 MOLFM: C12-H9-Cl
SYN: 2-CHLORO 1,1'-BIPHENYL * o-CHLORODIPHENYL * 2-CHLORODIPHENYL
TOXICITY DATA AND REFERENCES:
orl-mam LDLo:2500 mg/kg JIDHAN 13,87,31
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:INDEFINITE IARC** 7,261,74
1,1'-BIPHENYL, CHLORO- see: DV2063000

DV2087000 BIPHENYL, 4-(CHLOROMETHYL)-
UPDT:8407 CAS: 1667-11-4 MW: 202.69 MOLFM: C13-H11-Cl
SYN: 1,1'-BIPHENYL, 4-CHLOROMETHYL (9CI) * 4-CHLOROMETHYLBIPHENYL * 4-CMB * p-PHENYLBENZYL CHLORIDE * 4-PHENYLBENZYL CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate CRNGDP 2,33,81
mma-sat 100 ug/plate CRNGDP 2,33,81
mmo-esc 2500 ug/L CRNGDP 2,33,81
mma-esc 2500 ug/L CRNGDP 2,33,81
dnd-smc 10 mg/L MUREAV 104,79,82
otr-ham:kdy 2500 ug/L CRNGDP 2,33,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ipr-mus TDLo:250 mg/kg (5D male) MUREAV 100,345,82
1T01 scu-mus TDLo:2500 mg/kg (5D male) MUREAV 100,345,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,1'-BIPHENYL, 4-CHLOROMETHYL- (9CI) see: DV2087000
(1,1'-BIPHENYL)-2,4'-DIAMINE see: DV2100000
(1,1'-BIPHENYL)-4,4'-DIAMINE (9CI) see: DC9625000

DV2100000 2,4'-BIPHENYLDIAMINE
UPDT:8401 CAS: 492-17-1 MW: 184.26 MOLFM: C12-H12-N2
SYN: o,p'-BIANILINE * (1,1'-BIPHENYL)-2,4'-DIAMINE * o,p'-DIAMINOBIPHENYL * 2,4'-DIAMINODIPHENYL * o,p'-DIANILINE * DIFENYLIN * 2,4'-DIPHENYLDIAMINE * DIPHENYLINE
TUMORIGENIC DATA AND REFERENCES:
2V03J61 orl-dog TDLo:7020 mg/kg/5Y-I NEOLA4 15,3,68
TOXICITY DATA AND REFERENCES:
orl-rat LD50:311 mg/kg NEOLA4 15,3,68
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,313,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
4,4'-BIPHENYLDIAMINE see: DC9625000
(1,1'-BIPHENYL)-4,4'-DIAMINE, 2,2'-DICHLORO- (9CI) see: DD0524000
(1,1'-BIPHENYL)-4,4'-DIAMINE, 3,3'-DICHLORO- see: DD0525000
(1,1'-BIPHENYL)-4,4'-DIAMINE, 3,3'-DICHLORO-, DIHYDROCHLORIDE see: DD0550000
(1,1'-BIPHENYL)-4,4'-DIAMINE, 3,3'-DICHLORO-, SULFATE (1:1) (9CI) see: DD0575000
(1,1'-BIPHENYL)-4,4'-DIAMINE, DIHYDROCHLORIDE see: DD0600000
(1,1'-BIPHENYL)-4,4'-DIAMINE-3,3'-DIMETHYL- see: DD1225000
(1,1'-BIPHENYL)-4,4'-DIAMINE, SULFATE (1:1) see: DD1575000
(1,1'-BIPHENYL)-4,4'-DIAMINE, 2,2',5,5'-TETRACHLORO- (9CI) see: DD1751000
(1,1'-BIPHENYL)-4,4'-DIAMINE, 3,3',5,5'-TETRACHLORO- (9CI) see: DD1751020
(1,1'-BIPHENYL)-4,4'-DIAMINE, 3,3',5,5'-TETRAFLUORO- (9CI) see: DD1751080
(1,1'-BIPHENYL)-4,4'-DIAMINE, TETRAMETHYL- (9CI) see: DD1752000 BENZIDINE, TETRAMETHYL-

DV2300000 (1,1'-BIPHENYL)-4,4-DIAMINE, 3,3',5,5'-TETRAMETHYL-
UPDT:8406 CAS: 54827-17-7 MW: 240.38 MOLFM: C16-H20-N2
SYN: 3,3',5,5'-TETRAMETHYLBENZIDINE * 3,5,3',5'-TETRAMETHYLBENZIDINE * TMB
MUTATION DATA AND REFERENCES:
dnd-esc 20 umol/L MUREAV 89,95,81
mnt-mus-ipr 112500 ug/kg PMRSDJ 1,698,81
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:135 mg/kg PMRSDJ 1,682,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
BIPHENYL, 4,4'-DIAMINO- see: DC9625000

DV3170000 4,4'-BIPHENYLDICARBOXYLIC ACID, BIS(3-DIBUTYLAMINOPROPYL) ESTER, HYDROCHLORIDE
UPDT:8403 MW: 617.40 MOLFM: C36-H56-N2-O4 Cl-H
SYN: BIS(DI-n-BUTYLAMINO n-PROPYL) 4,4'-DIPHENYLDICARBOXYLATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:450 mg/kg JAPMA8 45,382,56
1C17 ivn-mus LD50:71 mg/kg JAPMA8 45,382,56

DV3172000 4,4'-BIPHENYLDICARBOXYLIC ACID, BIS(2-DIETHYLAMINOETHYL) ESTER, HYDROCHLORIDE
UPDT:8405 MW: 477.10 MOLFM: C26-H36-N2-O4 Cl-H
SYN: BIS(DIETHYLAMINOETHYL) 4,4'-DIPHENYLDICARBOXYLATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:550 mg/kg JAPMA8 45,382,56
1C17 ivn-mus LD50:54 mg/kg JAPMA8 45,382,56

DV3174000 4,4'-BIPHENYLDICARBOXYLIC ACID, BIS(2-DIMETHYLAMINOETHYL) ESTER, HYDROCHLORIDE
UPDT:8405 MW: 420.98 MOLFM: C22-H28-N2-O4 Cl-H
SYN: BIS(DIMETHYLAMINOETHYL) 4,4'-DIPHENYLDICARBOXYLATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:1100 mg/kg JAPMA8 45,382,56
1C17 ivn-mus LD50:175 mg/kg JAPMA8 45,382,56

DV3325000 3,3'-BIPHENYLDICARBOXYLIC ACID, 4,4'-DIAMINO-
UPDT:8401 CAS: 2130-56-5 MW: 272.28 MOLFM: C14-H12-N2-O4
SYN: 3,3 BENZIDINEDICARBOXYLIC ACID * 5,5 BIANTHRANILIC ACID * 4,4 DIAMINO 3,3 BIPHENYLDICARBOXYLIC ACID * 4,4'-DIAMINOBIPHENYL 3,3 DICARBOXYLIC ACID * 3,3 DICARBOXYBENZIDINE * KWAS BENZYDYNODWUKARBOKSYLOWY (Polish)
MUTATION DATA AND REFERENCES:
pic-esc 100 mmol/L MDMIAZ 31,11,79
TUMORIGENIC DATA AND REFERENCES:
3V03P60R60 scu-rat TDLo:7 gm/kg/77W-I VOONAW 15(5),60,69
3V03L60P60 orl-mus TDLo:22 gm/kg/45W-I VOONAW 15(5),60,69
3V03L60P60 scu-mus TDLo:12 gm/kg/60W-I VOONAW 15(5),60,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV3850000 3,3'-BIPHENYLDICARBOXYLIC ACID, 4,4'-DIAMINO-, DISODIUM SALT
UPDT:8401 CAS: 16993-94-5 MW: 316.24 MOLFM: C14-H10-N2-O4 2Na
SYN: 3,3 BENZIDINE DICARBOXYLIC ACID, DISODIUM SALT
TUMORIGENIC DATA AND REFERENCES:
2V03D45 scu-rat TDLo:7 gm/kg/77W-I VOONAW 15(5),60,69
3V03J60P60 scu-mus TDLo:9 gm/kg/43W-I VOONAW 15(5),60,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV3900000 BIPHENYL, 2,2'-DICHLORO-
UPDT:8406 CAS: 13029-08-8 MW: 223.10 MOLFM: C12-H8-Cl2
SYN: 2,2'-DICHLORBIPHENYL (German) * 2,2'-DICHLOROBIPHENYL * 2,2'-DICHLORO-1,1'-BIPHENYL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 orl-mus TDLo:1125 mg/kg (1-3D preg) ARTODN 40,249,78
1T24 orl-mus TDLo:1500 mg/kg (1-3D preg) ARTODN 40,249,78
1T16 orl-mus TDLo:1125 mg/kg (1-3D preg) BECTA6 16,33,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV3905000 BIPHENYL, 2,4'-DICHLORO-
UPDT:8402 CAS: 34883-43-7 MW: 223.10 MOLFM: C12-H8-Cl2
SYN: 1,1'-BIPHENYL, 2,4'-DICHLORO- (9CI) * 2,4'-DICHLOROBIPHENYL
TOXICITY DATA AND REFERENCES:
° orl-mus LD50:7860 mg/kg EVHPAZ 24,173,78
1,1'-BIPHENYL, 2,4'-DICHLORO- (9CI) see: DV3905000

DV3910000 (1,1'-BIPHENYL)-2,2'-DISULFONIC ACID, 4,4'-BIS((4,5-DIHYDRO-3-METHYL-5-OXO-1-PHENYL-1H- PYRAZOL-4-YL)AZO)-, DISODIUM SALT
UPDT:8401 CAS: 6375-55-9 MW: 760.76 MOLFM: C32-H26-N8-O8-S2 2Na
SYN: ACID ANTHRACENE YELLOW GR * ACID FAST YELLOW MR * ACID LEATHER YELLOW CRS * ACID YELLOW 42 * ACID YELLOW R * AIREDALE YELLOW 3GM * AMACID FAST YELLOW RS * BELACID MILLING YELLOW R * BENZYL FAST YELLOW RS * CALCOCID MILLING YELLOW R * C.I. 22910 * C.I. ACID YELLOW 42 * C.I. ACID YELLOW 42 DISODIUM SALT * COOMASSIE YELLOW R * COOMASSIE YELLOW RP * CYANINE FAST YELLOW M * ERIO FAST YELLOW RL * FAST SILK YELLOW SH * KCA ACID MILLING YELLOW M * MIDLON YELLOW PROPYL * MILLING YELLOW 3G * MILLING YELLOW 3J * MILLING YELLOW RX * NAPHTHALENE LEATHER YELLOW 2G * OPTANOL YELLOW R * PHARMACINE YELLOW R * PHARMATEX YELLOW G * SHIKISO ACID FAST YELLOW MR * SULFONINE YELLOW CSR * SULPHON YELLOW RS-CF * SUMINOL MILLING YELLOW MR * SUPRANOL YELLOW R * SYMULON ACID FAST YELLOW MR * TERTRACID MILLING YELLOW R * XYLENE MILLING YELLOW SH
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate VHTODE 22,413,80
mma-sat 125 ug/plate VHTODE 22,413,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
1,1'-BIPHENYL 4,4'-DIISOCYANATO-3,3'-DIMETHOXY- see: NQ8800000
4-BIPHENYLDIMETHYLAMINE see: DU9090000

DV3985000 BIPHENYL, 3,2'-DIMETHYL-4-NITROSO-
UPDT:8411 MW: 211.28 MOLFM: C14-H13-N-O
SYN: 3,2'-DIMETHYL-4-NITROSOBIPHENYL
MUTATION DATA AND REFERENCES:
mmo-sat 120 nmol/plate JMCMAR 22,981,79
mma-sat 80 nmol/plate JMCMAR 22,981,79
TUMORIGENIC DATA AND REFERENCES:
3V01M60V10 scu-ham TDLo:1173 mg/kg/37W-I CALEDQ 20,349,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV4000000 BIPHENYL, 4,4'-DINITRO-
UPDT:8401 CAS: 1528-74-1 MW: 244.22 MOLFM: C12-H8-N2-O4
SYN: 4,4'-DINITROBIFENYL (Czech) * 4,4'-DINITROBIPHENYL
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MOD 28ZPAK -,61,72
MUTATION DATA AND REFERENCES:
mma-sat 2500 ng/plate MUREAV 91,321,81
mma-sat 5 ug/plate MUREAV 91,321,81
TUMORIGENIC DATA AND REFERENCES:
3V03D45R60 orl-rat TDLo:950 mg/kg/W-I TXAPA9 6,352,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV4725000 4,4'-BIPHENYLDIOL
UPDT:8307 CAS: 92-88-6 MW: 186.22 MOLFM: C12-H10-O2
SYN: p,p'-BIPHENOL * USAF DO-30
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:9850 mg/kg TXAPA9 28,313,74
ipr-mus LD50:100 mg/kg NTIS** AD277-689
° skn-rbt LD50:1780 mg/kg TXAPA9 28,313,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
(1,1'-BIPHENYL)-4,4'-DIOL, 3,3'-BIS((DIETHYLAMINO)METHYL)-5,5'-DI-2-PROPENYL-, 2HCl (9CI) see: EC1210000

DV4900000 3,3'-BIPHENYLDIOL, 4,4'-DIAMINO-
UPDT:8405 CAS: 2373-98-0 MW: 216.26 MOLFM: C12-H12-N2-O2
SYN: BENZIDINE 3,3 DIHYDROXY- * m,m'-BIPHENOL 6,6-DIAMINO * 4,4-DIAMINO 3,3-BIPHENYLDIOL * 3,3-DIHYDROXYBENZIDINE * 3,3-DIOXYBENZIDINE * 3,3-DWUOKSYBENZYDYNA (Polish)
MUTATION DATA AND REFERENCES:
pic-esc 100 mmol/L MDMIAZ 31,11,79
TUMORIGENIC DATA AND REFERENCES:
2V02R60 orl-rat TDLo:9950 mg/kg/52W-I VOONAW 7(2),33,61
3V01K60L60 scu-rat TDLo:5900 mg/kg/43W-I VOONAW 7(2),33,61
3V01L60R60 mul-rat TDLo:6900 mg/kg/43W-I VOONAW 7(2),33,61
3V03J60P60 orl-mus TDLo:11 gm/kg/47W-I VOONAW 7(2),33,61
3V03J60L60 skn-mus TDLo:5040 mg/kg/52W-I VOONAW 7(2),33,61
2V01M60 scu-mus TDLo:1620 gm/kg/45W-I AICCA6 7,46,50
3V03P60R60 scu-mus TD :14 gm/kg/43W-I VOONAW 7(2),33,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

BIPHENYL-DIPHENYL ETHER mixture see: DV1500000
N,N'-(1,1'-BIPHENYL)-4,4'-DIYLBIS-ACETAMIDE 4',4'''-BIACETANILIDE see: DT2800000
2,2'-(1,1'-BIPHENYL)-4,4'-DIYLBIS(2-HYDROXY-4,4-DIMETHYL-MORPHOLINIUM DIBROMIDE (9CI) see: QF2450000
(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(BENZYLDIMETHYLAMMONIUM BROMIDE) see: BO8792500
4,4'-BIPHENYLENEBIS(2-OXOETHYLENE)BIS(DIMETHYL(2-HYDROXYETHYL)AMMONIUM)DIBROMIDE see: BO8785750
1,1'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(1-ETHYLPIPERIDINIUM BROMIDE) see: TN4435600
1,1'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(4-(3-HYDROXYPROPYL)PYRIDINIUM BROMIDE) see: UU2545000
4,4'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(4-METHYLMORPHOLINIUM BROMIDE) see: QF2446000
1,1'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(PYRIDINIUM CHLORIDE) see: UU2563000
1,1'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(PYRIDINIUM IODIDE) see: UU2565000
4,4'-BIPHENYLENEBIS(2-OXOETHYLENE)BIS(TRIETHYLAMMONIUM) DIBROMIDE see: BO8785850
4,4'-BIPHENYLENEBIS(2-OXOETHYLENE)BIS(TRIMETHYLAMMONIUM) DIBROMIDE see: BO8785900
4,4'-BIPHENYLENEDIAMINE see: DC9625000
o-BIPHENYLENEMETHANE see: LL5670000
4-BIPHENYLGLYOXAL see: DV5320000

DV5299000 4-BIPHENYLGLYOXAL, MONOSODIUM BISULPHITE

UPDT:8307 MW: 314.30 MOLFM: C14-H10-O2 H-Na-O3-S

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg — JMPCAS 1,601,59

DV5320000 4-BIPHENYLGLYOXYALDEHYDE

UPDT:8307 CAS: 4974-58-7 MW: 210.24 MOLFM: C14-H10-O2
SYN: 4-BIPHENYLGLYOXAL * p-PHENYLPHENYLGLYOXAL

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg — JMCMAR 7,255,64

DV5330000 BIPHENYL, HEXABROMO-

UPDT:8408 CAS: 36355-01-8 MW: 627.62 MOLFM: C12-H4-Br6
SYN: HBB * HEXABROMOBIPHENYL * NCI-C53634 * POLYBROMINATED BIPHENYL

TOXICITY DATA AND REFERENCES:
1L02 skn-rbt LDLo:5 gm/kg — AIHAAP 38,307,77

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
BIPHENYL, HEXABROMO- (technical grade) see: LK5060000

DV5350000 BIPHENYL, 2,2',4,4',5,5'-HEXACHLORO-

UPDT:8408 CAS: 35065-27-1 MW: 360.86 MOLFM: C12-H4-Cl6
SYN: 2,2',4,4',5,5'-HEXACHLOROBIPHENYL * 2,2',4,4',5,5'-HEXACHLORO-1,1'-BIPHENYL (9CI) * 2,4,5,2',4',5'-HEXACHLOROBIPHENYL

MUTATION DATA AND REFERENCES:
dnd-mus-orl 36400 ug/kg/5D — CBINA8 27,99,79
oms-mus-orl 36400 ug/kg/5D — CBINA8 27,99,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 orl-rat TDLo:50 mg/kg (8-18D preg) — TXAPA9 51,2,3,79
1T24 orl-mus TDLo:120 mg/kg (1-6D preg) — APTOA6 42,323,78
1T81 orl-mus TDLo:78 mg/kg (5-21D preg/22D post) — APTOA6 42,275,78

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:3650 mg/kg/104W-C — TXAPA9 48,A181,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV5359000 1,1'-BIPHENYL, 2,2',3,3',6,6'-HEXACHLORO-

UPDT:8408 CAS: 38411-22-2 MW: 360.86 MOLFM: C12-H4-Cl6
SYN: 2,3,6,2',3',6'-HEXACHLOROBIPHENYL * 2,2',3,3',6,6'-HEXACHLORO-1,1'-BIPHENYL

MUTATION DATA AND REFERENCES:
dnd-mus-orl 36400 ug/kg/5D — CBINA8 27,99,79
oms-mus-orl 36400 ug/kg/5D — CBINA8 27,99,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 orl-mam TDLo:563 ug/kg (30D pre) — TOXID9 4,83,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BIPHENYL, 2-HYDROXY- see: DV5775000
4-BIPHENYLHYDROXYLAMINE see: NC3150000
o-BIPHENYLMETHANE see: LL5670000
(1,1'-BIPHENYL)-4-METHANOL see: DV5425000

DV5425000 4-BIPHENYLMETHANOL

UPDT:8402 CAS: 3597-91-9 MW: 184.25 MOLFM: C13-H12-O
SYN: (1,1'-BIPHENYL)-4-METHANOL * 4HMB * 4-(HYDROXYMETHYL)BIPHENYL * p-PHENYLBENZYL ALCOHOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ipr-mus TDLo:500 mg/kg (5D male) — MUREAV 100,345,82
1T01 scu-mus TDLo:1250 mg/kg (5D male) — MUREAV 100,345,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,1'-BIPHENYL, 2-METHOXY- (9CI) see: BZ8835000

DV5460000 BIPHENYL, 4-METHYL-

UPDT:8305 CAS: 644-08-6 MW: 168.25 MOLFM: C13-H12
SYN: FEMA 3186 * p-METHYLBIPHENYL * 4-METHYL-1,1'-BIPHENYL * p-METHYLDIPHENYL * 4-METHYLDIPHENYL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2570 mg/kg — FCTXAV 13,487,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
N-(p-BIPHENYLMETHYL)-ATROPINIUM BROMIDE see: CK2990000
N,4-BIPHENYL-METHYL-di-TROPEYL-alpha-TROPINIUMBROMIDS (German) see: CK2990000
p-BIPHENYLMETHYL-(di-TROPYL-alpha-TROPINIUM)BROMIDE see: CK2990000

DV5600000 BIPHENYL, 4-NITRO-

UPDT:8406 CAS: 92-93-3 MW: 199.22 MOLFM: C12-H9-N-O2
SYN: p-NITROBIPHENYL * 4-NITROBIPHENYL * p-NITRODIPHENYL * 4-NITRODIPHENYL * p-PHENYLNITROBENZENE * 4-PHENYL-NITROBENZENE * PNB

MUTATION DATA AND REFERENCES:
mma-sat 125 ug/plate — JJIND8 62,893,79
mma-sat 100 ug/plate — PNASA6 72,5135,75
dnr-esc 250 mg/L — JJIND8 62,873,79
dnd-esc 50 umol/L — MUREAV 89,95,81
mma-bcs 50 mmol/L — EXPEAM 39,530,83
dnd-rat:lvr 300 umol/L — SinJF# 26OCT82
dns-rat:lvr 100 umol/L — ENMUDM 3,11,81
bfa-rat/sat 400 mg/kg/4D — PNASA6 72,4607,75
hma-rat/sat 750 mg/kg/3D — AJCNAC 30,1921,77
mma-mus:lym 77600 ug/L — MUREAV 97,49,82
otr-ham:kdy 80 ug/L — BJCAAI 37,873,78
otr-ham:emb 100 ug/L — IJCNAW 19,642,77
sce-ham-ipr 100 mg/kg — MUREAV 113,33,83
sce-ham:ovr 10 umol/L — ENMUDM 4,1,82
sce-ham-orl 125 mg/kg — MUREAV 113,33,83
dnd-dog-orl 60 umol/kg — EVHPAZ 49,125,83

TUMORIGENIC DATA AND REFERENCES:
2V02M60 orl-dog TDLo:7000 mg/kg/2Y-I — JAMAAP 172,1611,60
2V03M60 orl-dog TD :7000 mg/kg/3Y-I — IMSUAI 27,634,58

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2230 mg/kg — JIHTAB 29,1,47
* ipr-mus LD50:347 mg/kg — JJIND8 62,911,79
orl-rbt LD50:1970 mg/kg — JIHTAB 29,1,47

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCSAJ 13,271,70
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 4,113,74
★ TLV-HUMAN CARCINOGEN, NO TWA — DTLVS* 4,304,80

STANDARDS & REGULATIONS:
★ OSHA-carcinogen — FEREAC 39,3756,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 273*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
o-BIPHENYLOL see: DV5775000

DV5775000 2-BIPHENYLOL

UPDT:8412 CAS: 90-43-7 MW: 170.22 MOLFM: C12-H10-O
SYN: BIPHENYL-2-HYDROXY- * (1,1'-BIPHENYL)-2-OL * o-BIPHENYLOL * o-DIPHENYLOL * DOWCIDE 1 * DOWICIDE 1 * DOWICIDE 1 ANTIMICROBIAL * 2-HYDROXYBIFENYL (Czech) * o-HYDROXYBIPHENYL * 2-HYDROXYBIPHENYL * o-HYDROXYDIPHENYL * 2-HYDROXYDIPHENYL * KIWI LUSTR 277 * NCI-C50351 * OPP * ORTHOHYDROXYDIPHENYL * ORTHOPHENYLPHENOL * ORTHOXENOL * PHENOL, o-PHENYL- * PHENYLPHENOL * o-PHENYLPHENOL * 2-PHENYLPHENOL * PREVENTOL O EXTRA * REMOL TBF * TETROSIN OE * TORSITE * TUMESCAL OPE * USAF EK-2219 * o-XENOL

IRRITATION DATA AND REFERENCES:
skn-rbt 250 mg — MccSB# 15JUN84
eye-rbt 50 ug/24H SEV — 28ZPAK -,56,72

MUTATION DATA AND REFERENCES:
mma-sat 60 ug/plate — ENMUDM 5(Suppl 1),3,83
dnr-esc 1 mg/disc — CMSHAF 10,223,81
cyt-hmn:fbr 200 ug/L — MUREAV 54,255,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T35 orl-rat TDLo:6 gm/kg (6-15D preg) — NNGADV 3,365,78
1T46 orl-rat TDLo:7 gm/kg (6-15D preg) — FAATDF 1,282,81
3T41T42T46 orl-mus TDLo:13050 mg/kg (7-13D preg) — TRENAF 29,89,78
1T34 orl-mus TDLo:13050 mg/kg (7-15D preg) — TRENAF 29,89,78

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2000 mg/kg — NNGADV 3,365,78
* unk-rat LD50:2700 mg/kg — TRENAF 29,89,78
3F19G30J25 ori-mus LD50:1050 mg/kg — NAIZAM 32,425,81
ipr-mus LD50:50 mg/kg — NTIS** AD277-689

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 30,329,83

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV5850000 4-BIPHENYLOL

UPDT:8408 CAS: 92-69-3 MW: 170.22 MOLFM: C12-H10-O
SYN: p-HYDROXYBIPHENYL * 4-HYDROXYBIPHENYL * p-HYDROXYDIPHENYL * 4-HYDROXYDIPHENYL * PARAXENOL * p-PHENYLPHENOL * 4-PHENYLPHENOL

TUMORIGENIC DATA AND REFERENCES:
3V03J60P61 orl-mus TDLo:153 gm/kg/78W-I — NTIS** PB223-159
2V01P60 scu-mus TDLo:1000 mg/kg — NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:150 mg/kg — NTIS** AD691-490

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
(1,1'-BIPHENYL)-2-OL see: DV5775000

DV5950000 (1,1'-BIPHENYL)-3-OL, 4-AMINO-

UPDT:8401 CAS: 4363-03-5 MW: 185.24 MOLFM: C12-H11-N-O
SYN: 4-AMINO-3-BIPHENYLOL * 4-AMINO-3-HYDROXYBIPHENYL

TUMORIGENIC DATA AND REFERENCES:
2V01L60 scu-mus TDLo:216 mg/kg/3D — JNCIAM 41,403,68

STANDARDS & REGULATIONS:
★ OSHA-emergency — FEREAC 38,10929,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV6125000 4-BIPHENYLOL, 4'-AMINO-

UPDT:8401 CAS: 1204-79-1 MW: 185.24 MOLFM: C12-H11-N-O
SYN: 4'-AMINO-4-BIPHENYLOL * 4-AMINO-4'-HYDROXYBIPHENOL

TUMORIGENIC DATA AND REFERENCES:
2V01L60 scu-mus TDLo:216 mg/kg/3D — JNCIAM 41,403,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV6150000 4-BIPHENYLOL, 3-AMINO-, HYDROCHLORIDE

UPDT:8401 CAS: 1204-59-7 MW: 221.70 MOLFM: C12-H11-N-O Cl-H
SYN: 3-AMINO-4-BIPHENYLOL HYDROCHLORIDE * 3-AMINO-4-HYDROXYDIPHENYL HYDROCHLORIDE * HYDROXY-3-AMINODIPHENYL HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:
2V01M60 imp-mus TDLo:50 mg/kg — BJCAAI 12,222,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV6170000 3-BIPHENYLOL, 4-AMINO-, HYDROGEN SULFATE

UPDT:8401 CAS: 73728-82-2 MW: 283.32 MOLFM: C12-H11-N-O H2-O4-S
SYN: 4-AMINO-3-BIPHENYLOL * 4-AMINO-3-HYDROXYBIPHENYL SULFATE * 3-HYDROXY-4-AMINODIPHENYL SULPHATE

TUMORIGENIC DATA AND REFERENCES:
2V01M60 imp-mus TDLo:100 mg/kg — BJCAAI 10,539,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV6225000 3-BIPHENYLOL, 4-AMINO-4'-METHOXY-, HYDROCHLORIDE

UPDT:8401 CAS: 63040-25-5 MW: 251.73 MOLFM: C13-H13-N-O2 Cl-H
SYN: 4-AMINO-4-METHOXY-3-BIPHENYLOL HYDROCHLORIDE * 3-HYDROXY-4-METHOXY-4-AMINODIPHENYL HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-mus TDLo:80 mg/kg — BJCAAI 17,127,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV6250000 3-BIPHENYLOL, 4-AMINO-4'-NITRO-, HYDROCHLORIDE

UPDT:8401 CAS: 63019-81-8 MW: 266.70 MOLFM: C12-H10-N2-O3 Cl-H
SYN: 4-AMINO-3-HYDROXY-4-NITRODIPHENYL HYDROCHLORIDE * 4-AMINO-4-NITRO-3-BIPHENYLOL HYDROCHLORIDE * 4-NITRO-4-AMINO-3-HYDROXYDIPHENYL HYDROGEN CHLORIDE

TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-mus TDLo:100 mg/kg — BJCAAI 10,539,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

DV7010000 (1,1'-BIPHENYL)-4-OL, 3-((DIETHYLAMINO)METHYL)-
UPDT:8408 CAS: 66840-00-4 MW: 255.39 MOLFM: C17-H21-N-O
SYN: 3-((DIETHYLAMINO)METHYL)(1,1'-BIPHENYL)-4-OL * 3-DIETHYLAMINOMETHYL-4-HYDROXYBIPHENYL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:28 mg/kg IJMRAQ 67,392,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV7025000 3-BIPHENYLOL, 4-(DIMETHYLAMINO)-
UPDT:8401 MW: 213.30 MOLFM: C14-H15-N-O
SYN: 4-(DIMETHYLAMINO)-3-BIPHENYLOL * 4-DIMETHYLAMINO-3-HYDROXYDIPHENYL
TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-mus TDLo:80 mg/kg BJCAAI 11,212,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV7100000 (1,1'-BIPHENYL)-4-OL, 3-((DIMETHYLAMINO)METHYL)-
UPDT:8408 CAS: 21140-37-4 MW: 227.33 MOLFM: C15-H17-N-O
SYN: 3-((DIMETHYLAMINO)METHYL)(1,1'-BIPHENYL)-4-OL * 3-DIMETHYLAMINOMETHYL-4-HYDROXYBIPHENYL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:25 mg/kg IJMRAQ 67,392,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV7550000 (1,1'-BIPHENYL)-4-OL, 3-(4-MORPHOLINYLMETHYL)-
UPDT:8408 CAS: 6452-87-5 MW: 269.37 MOLFM: C17-H19-N-O2
SYN: 3-MORPHOLINOMETHYL-4-HYDROXYBIPHENYL * 3-(4-MORPHOLINYLMETHYL)(1,1'-BIPHENYL)-4-OL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:25 mg/kg RAQ 67,392,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV7660000 (1,1'-BIPHENYL)-4-OL, 3-(1-PIPERIDINYLMETHYL)-
UPDT:8408 CAS: 66839-99-4 MW: 267.40 MOLFM: C18-H21-N-O
SYN: 3-PIPERIDINOMETHYL-4-HYDROXYBIPHENYL * 3-(1-PIPERIDINYLMETHYL)(1,1'-BIPHENYL)-4-OL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:30 mg/kg IJMRAQ 67,392,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV7670000 (1,1'-BIPHENYL)-4-OL, 3-(1-PYRROLIDINYLMETHYL)-
UPDT:8408 CAS: 66839-97-2 MW: 253.37 MOLFM: C17-H19-N-O
SYN: 3-PYRROLIDINOMETHYL-4-HYDROXYBIPHENYL * 3-(1-PYRROLIDINYLMETHYL)(1,1'-BIPHENYL)-4-OL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:10 mg/kg (4-5D preg) IJMRAQ 67,392,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:30 mg/kg IJMRAQ 67,392,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
(1,1'-BIPHENYL)-2-OL, SODIUM SALT see: DV7700000

DV7700000 2-BIPHENYLOL, SODIUM SALT
UPDT:8412 CAS: 132-27-4 MW: 192.20 MOLFM: C12-H9-O-Na
SYN: BACTROL * (1,1'-BIPHENYL)-2-OL, SODIUM SALT * D.C.S. * DOWICIDE A * DOWICIDE * DOWICIDE A * DOWICIDE A & A FLAKES * DOWIZID A * 2-HYDROXYBIPHENYL SODIUM SALT * 2-HYDROXYDIPHENYL SODIUM * 2-HYDROXYDIPHENYL SODIUM SALT * MIL-DU-RID * MYSTOX WFA * NATRIPHENE * OPP-Na * OPP-SODIUM * ORPHENOL * PHENOL, o-PHENYL-, SODIUM deriv. * o-PHENYLPHENOL SODIUM SALT * 2-PHENYLPHENOL SODIUM SALT * PREVENTOL ON * PREVENTOL ON & ON EXTRA * SODIUM 2-BIPHENYLOLATE * SODIUM (1,1'-BIPHENYL)-2-OLATE * SODIUM, (2-BIPHENYLYLOXY)- * SODIUM 2-HYDROXYDIPHENYL * SODIUM o-PHENYLPHENATE * SODIUM 2-PHENYLPHENATE * SOXIUM o-PHENYLPHENOL * SODIUM o-PHENYLPHENOLATE * SODIUM o-PHENYLPHENOXIDE * SOPP * STOPMOLD B * TOPANE
IRRITATION DATA AND REFERENCES:
skn-hmn 1 mg MccSB# 15JUN84
skn-rbt 25 mg/24H MLD MccSB# 15JUN84
skn-rbt 50 mg/24H SEV MccSB# 15JUN84
MUTATION DATA AND REFERENCES:
mmo-asn 16 umol/L PHYTAJ 66,217,76
sln-asn 52 umol/L EVHPAZ 31,81,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 orl-mus TDLo:900 mg/kg (7-15D preg) TRENAF 29,89,78
TUMORIGENIC DATA AND REFERENCES:
2V01M60 orl-rat TDLo:126 gm/kg/13W-C FCTXAV 19,303,81
2V03M60 orl-rat TD :269 gm/kg/32W-C GANNA2 74,625,83
TOXICITY DATA AND REFERENCES:
2K06K32 orl-rat LD50:656 mg/kg TRENAF 30,57,79
3F05F17K06 orl-mus LD50:683 mg/kg TRENAF 30,54,79
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 30,329,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV7750000 2-BIPHENYLOL, SODIUM SALT, TETRAHYDRATE
UPDT:8412 MW: 264.28 MOLFM: C12-H9-O-Na-4H2-O
SYN: SODIUM o-PHENYLPHENATE TETRAHYDRATE
TOXICITY DATA AND REFERENCES:
2K06K32 orl-rat LD50:1049 mg/kg TRENAF 30,57,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DV7800000 (1,1'-BIPHENYL)-3-OL, 2,3',4,4'-TETRACHLORO-
UPDT:8402 CAS: 51109-11-6 MW: 307.98 MOLFM: C12-H6-Cl4-O
SYN: 3-HYDROXY-2,4,3',4'-TCB * M-A (sub 2) * 2,3,4,4'-TETRACHLORO-(1,1'-BIPHENYL)-3-OL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:430 mg/kg CPBTAL 21,2237,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 24,173,78
BIPHENYL OXIDE see: KN8970000
1,1'-BIPHENYL, mixt. with 1,1'-OXYBIS(BENZENE) see: DV1500000
(2-BIPHENYLOXY)TRIBUTYLTIN see: WH6711000
2-BIPHENYLPENICILLIN see: XH8575000
2-BIPHENYLPENICILLIN SODIUM see: XH8575000

DV8200000 BIPHENYL, 2,3,3',4,4'-PENTACHLORO-
UPDT:8402 CAS: 32598-14-4 MW: 326.42 MOLFM: C12-H5-Cl5
SYN: 1,1'-BIPHENYL, 2,3,3',4,4'-PENTACHLORO- (9CI) * PenCB * 2,3,3',4,4'-PENTACHLOROBIPHENYL * 2,3,4,3',4'-PENTACHLOROBIPHENYL * 3,4,2',3',4'-PENTACHLOROBIPHENYL
TOXICITY DATA AND REFERENCES:
3L30P30U01 ipr-mus LD50:400 mg/kg CPBTAL 24,2168,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 24,173,78
1,1'-BIPHENYL, 2,3,3',4,4'-PENTACHLORO- (9CI) see: DV8200000
BIPHENYL, 4-PHENYL- see: WZ6475000
BIPHENYL, POLYCHLORO- see: TQ1350000

DV8380000 (1,1-BIPHENYL)-4-PROPANOIC ACID, 2'-FLUORO-beta-METHYL-
UPDT:8402 CAS: 52469-66-8 MW: 258.31 MOLFM: C16-H15-F-O2
SYN: CO 898 * BUTYRIC ACID, 3-(2'-FLUORO-4-BIPHENYLYL) * 3-(2'-FLUOR-4-BIPHENYLYL)-BUTTERSAEURE (German) * 3-(2-FLUORO-4-BIPHENYLYL)-BUTYRIC ACID * 2'-FLUORO-beta-METHYL-(1,1-BIPHENYL)-4-PROPANOIC ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:540 mg/kg ARZNAD 28,1977,78

2-(p-BIPHENYL)PROPIONIC ACID see: DU8376000
BIPHENYL SELENIDE see: SX1825000
BIPHENYL SELENIUM see: SX1825000

DV8525000 BIPHENYL-3-SULFONIC ACID, 4,4'-DIAMINO-
UPDT:8401 CAS: 2051-89-0 MW: 264.32 MOLFM: C12-H12-N2-O3-S
SYN: BENZIDINE-3-SULFO- * BENZIDINE-3-SULFURIC ACID * BENZIDINE-3-SULPHURIC ACID * 4,4'-DIAMINO-3-DIPHENYLYL HYDROGEN SULFATE
TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-mus TDLo:80 mg/kg BJCAAI 17,127,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV8649900 BIPHENYL, 2,3',4,4'-TETRACHLORO-
UPDT:8402 CAS: 32598-10-0 MW: 291.98 MOLFM: C12-H6-Cl4
SYN: 1,1'-BIPHENYL, 2,3',4,4'-TETRACHLORO- (9CI) * 2,4,3',4'-TCB * 2,3,4,4'-TETRACHLOROBIPHENYL * 2,3',4,4'-TETRACHLORO-1,1'-BIPHENYL * 2,4,3',4'-TETRACHLOROBIPHENYL * 3,4,2',4'-TETRACHLOROBIPHENYL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2150 mg/kg CPBTAL 21,2237,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 24,173,78

DV8650000 BIPHENYL, 3,3',4,4'-TETRACHLORO-
UPDT:8408 CAS: 32598-13-3 MW: 291.98 MOLFM: C12-H6-Cl4
SYN: 1,1'-BIPHENYL, 3,3',4,4'-TETRACHLORO- (9CI) * 4-CB * TCB * 3,3',4,4'-TETRACHLOROBIPHENYL * 3,4,3',4'-TETRACHLOROBIPHENYL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T71T75T81 orl-rat TDLo:39 mg/kg (6-18D preg) TJADAB 25,37,82
1T16 orl-rat TDLo:39 mg/kg (6-18D preg) TJADAB 25,37,82
1T35 orl-rat TDLo:110 mg/kg (8-18D preg) TJADAB 25,45,82
3T25T34T59 orl-rat TDLo:39 mg/kg (6-18D preg) TJADAB 26,229,82
1T46 orl-rat TDLo:13 mg/kg (6-18D preg) TJADAB 26,229,82
2T83T85 orl-mus TDLo:224 mg/kg (10-16D preg) TOLED5 7,417,81
1T72 orl-mus TDLo:224 mg/kg (10-16D preg) NTIS** CONF-771017
1T53 orl-mus TDLo:7 mg/kg (10-16D preg) NTIS** CONF-771017
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,1'-BIPHENYL, 2,3',4,4'-TETRACHLORO- (9CI) see: DV8649900
1,1'-BIPHENYL, 3,3',4,4'-TETRACHLORO- (9CI) see: DV8650000

DV8750000 3,3'4,4'-BIPHENYLTETRAMINE
UPDT:8401 CAS: 91-95-2 MW: 214.30 MOLFM: C12-H14-N4
SYN: 3,3'-DIAMINOBENZIDENE * 3,3',4,4'-DIPHENYLTETRAMINE * 3,3',4,4'-TETRAAMINOBIPHENYL
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate BJCAAI 37,873,79
dnd-esc 20 umol/L MUREAV 89,95,81
mmo-smc 140 umol/L MGGEAE 174,39,79
dns-rat:lvr 500 umol/L ENMUDM 3:11,81
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:9000 mg/kg/27D-I CNREA8 28,924,68
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:3000 mg/kg CNREA8 26,619,66
* orl-mus LD50:1834 mg/kg GISAAA 46(1),94,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV8753000 3,3',4,4'-BIPHENYLTETRAMINE, TETRAHYDROCHLORIDE
UPDT:8401 CAS: 7411-49-6 MW: 360.14 MOLFM: C12-H14-N4-4Cl-H
SYN: 3,3'-DIAMINOBENZIDINE TETRAHYDROCHLORIDE * 3,3',4,4'-TETRAAMINOBIPHENYL TETRAHYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:260 gm/kg/78W-C JEPTDQ 2(2),325,78
2V02J60 orl-mus TDLo:260 gm/kg/78W-C JEPTDQ 2(2),325,78
2V02J60 orl-mus TD :520 gm/kg/78W-C JEPTDQ 2(2),325,78
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:330 mg/kg NCIBR* NCI-E-68-1311,10,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DV8809000 BIPHENYL, TRICHLORO-
UPDT:8411 CAS: 25323-68-6 MW: 257.54 MOLFM: C12-H7-Cl3
SYN: APIROLIO 1431 C * 1,1'-BIPHENYL, TRICHLORO- (9CI) * PYRANOL 1499 * TRICHLOROBIPHENYL * TRICHLORODIPHENYL
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:1200 ug/kg ZKMAAX 22,290,82
1,1'-BIPHENYL, TRICHLORO- (9CI) see: DV8809000

DV8810000 BIPHENYL, 2,4',5-TRICHLORO-
UPDT:8402 CAS: 16606-02-3 MW: 257.54 MOLFM: C12-H7-Cl3
SYN: 1,1'-BIPHENYL, 2,4,5-TRICHLORO- (9CI) * TCB * 2,4,5-TRICHLOROBIPHENYL * 4,2',5'-TRICHLOROBIPHENYL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-mus TDLo:120 mg/kg (1-6D preg) APTOA6 42,323,78
1T81 orl-mus TDLo:78 mg/kg (5-21D preg/22D post) APTOA6 42,275,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 24,173,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,1'-BIPHENYL, 2,4',5-TRICHLORO- (9CI) see: DV8810000
N-(2-BIPHENYLYL)ACETAMIDE see: AE6000000
N-(3-BIPHENYLYL)ACETAMIDE see: AE6050000
N-(4-BIPHENYLYL)ACETAMIDE see: AE6125000
N-(4-BIPHENYLYL)ACETOHYDROXAMIC ACETATE see: NC3411500
N-4-BIPHENYLYLACETOHYDROXAMIC ACID see: AK8225000
N-(4-BIPHENYLYL)ACETOHYDROXAMIC ACID ACETATE see: AK8225600
N-4-BIPHENYLYLBENZAMIDE see: CV8750000
N-4-BIPHENYLYLBENZENESULFONAMIDE see: DB0175000
N-4-BIPHENYLYLBENZOHYDROXAMIC ACID see: DF9800000
1-(alpha-(4-BIPHENYLYL)BENZYL)IMIDAZOLE see: NI6517000
alpha-(4-BIPHENYLYL)BUTYRIC ACID see: ES7400000
2-(4-BIPHENYLYL)BUTYRIC ACID see: ES7400000
3-(4-BIPHENYLYLCARBONYL)PROPIONIC ACID see: DV1761000
6-(4-BIPHENYLYL)-2-CHLORO-12,13-DIMETHOXY-9,10-DIHYDRO-7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE see: NW6630000
6-(4-BIPHENYLYL)-3-CHLORO-12,13-DIMETHOXY-9,10-DIHYDRO-7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE see: NW6640000
2-(4-BIPHENYLYL)-5,6-DIHYDRO-s-TRAIZOLO(5,1-a)ISOQUINOLINE see: XZ5478450
1-BIPHENYLYL-3,3-DIMETHYLTRIAZENE see: XX9580000
4-BIPHENYLYL-2,4-DIOXO-BUTYRIC ACID see: DV1760500
N,N'-4,4'-BIPHENYLYLENEBISACETAMIDE see: DT2800000
4-BIPHENYLYLETHYLACETIC ACID see: ES7400000
N-(4-BIPHENYLYL)FORMOHYDROXAMIC ACID see: LR0995700
N-4-BIPHENYLYL-N-HYDROXYBENZENESULFONAMIDE see: DB0350000

BEST COPY AVAILABLE

N-4-BIPHENYLYLHYDROXYLAMINE see: NC3150000
(-)-3-(4-BIPHENYLYL)-3-HYDROXY-4-PHENYLBUTYRIC ACID see: ES7499900
2-(4-BIPHENYLYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3011000
4-(4-BIPHENYLYL)-4-OXOBUTYRIC ACID see: DV1761000
2-(4-BIPHENYLYLOXY)-2-METHYL-PROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: UE7630000
2-(2-BIPHENYLYLOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE0525000
6-(4-BIPHENYLYL)-2,3,4,12,13-PENTAMETHOXY-9,10-DIHYDRO-7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE see: NW6650000
1-((4-BIPHENYLYL)PHENYLMETHYL)-1H-IMIDAZOLE see: NI3517000
3-(3-(4-BIPHENYLYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-4-HYDROXYCOUMARIN see: GN4934500
5-(4-BIPHENYLYL)-as-TRIAZINE-3-THIOL see: XZ0845000
2-(1,1'-BIPHENYL-4-YL)-s-TRIAZOLE(5,1-a)ISOQUINOLINE see: XZ5478300
2-(4-BIPHENYLYL)-5H-s-TRIAZOLO(5,1-a)ISOINDOLE see: XZ5478050
2-(4-BIPHENYLYL)-s-TRIAZOLO(5,1-a)ISOQUINOLINE see: XZ5478300
BIPINAL SODIUM see: CP9200000

DW0798000 BIPINDALOSIDE
UPDT:8406 CAS: 6246-81-7 MW: 566.76 MOLFM: C30-H46-O10
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:143 ug/kg AIPTAK 140,8,62

DW0875000 4,4'-BIPIPERIDINE, 1,1'-BIS(2-CHLOROETHYL)-
UPDT:8403 CAS: 6802-93-3 MW: 293.32 MOLFM: C14-H26-Cl2-N2
SYN: BIPIPERIDYL MUSTARD * N,N' BIS(beta-CHLOROETHYL)-4,4' BIPIPERIDINE * 1,1-BIS(2-CHLOROETHYL)-4,4-BIPIPERIDINE * BPM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:30 mg/kg MEIEDD 10,175,83

DW0900000 4,4'-BIPIPERIDINE, 1,1'-BIS(2,3-EPOXYPROPYL)-
UPDT:8403 CAS: 5696-17-3 MW: 280.46 MOLFM: C16-H28-N2-O2
SYN: 4,4-BIPIPERIDINE, 1,1'-BIS(OXIRANYLMETHYL) * 1,1'-BIS(2,3-EPOXYPROPYL)-4,4'-BIPIPERIDINE * 1,1'-BIS(OXIRANYLMETHYL)-4,4'BIPIPERIDINE * 1,1'-DI(2,3-EPOXYPROPYL)-4,4'BIPIPERIDINE * EPIPROPIDINE * EPONATE * EPOXYPROPIDINE * LILLY RES. NO. 28002 * NSC 56308
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:74 mg/kg MEIEDD 10,522,83
4,4'-BIPIPERIDINE, 1,1'-BIS(OXIRANYLMETHYL)- see: DW0900000

DW1012000 (1,4'-BIPIPERIDINE)-4'-CARBOXAMIDE, 1'-(3-CYANO-3,3-DIPHENYLPROPYL)-
UPDT:8406 CAS: 302-41-0 MW: 430.65 MOLFM: C27-H34-N4-O
SYN: A65 * 1'-(3-CYANO-3,3-DIPHENYLPROPYL)(1,4'-BIPIPERIDINE)-4'-CARBOXAMIDE * 2,2-DIPHENYL-4-(4-PIPERIDINO-4-CARBAMOYLPIPERIDINO)BUTYRONITRILE * DIPIDOLOR * DIPIRITRAMIDE * PIRIDOLAN * PIRINITRAMIDE * PIRITRAMIDE * R 3365
TOXICITY DATA AND REFERENCES:
1J25 orl-rat LD50:320 mg/kg JPPMAB 13,513,61
1J25 ivn-rat LD50:13 mg/kg JPPMAB 13,513,61
1J25 scu-mus LD50:280 mg/kg JPPMAB 13,513,61
1J25 ivn-mus LD50:34 mg/kg JPPMAB 13,513,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DW1014000 (1,4'-BIPIPERIDINE)-4'-CARBOXAMIDE, 1'-(3-(10,11-DIHYDRO-3-CHLORO-5H-DIBENZ(b,f)AZEPIN- 5-YL)PROPYL)-, DIHYDROCHLORIDE
UPDT:8307 MW: 554.06 MOLFM: C28-H37-Cl-N4-O 2Cl-H
SYN: 3-CHLOROCARPIPRAMINE DIHYDROCHLORIDE * CLOCAPRAMINE DIHYDROCHLORIDE * CLOCARPRAMINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6200 mg/kg NIIRDN 6,231,82
* ipr-rat LD50:105 mg/kg NIIRDN 6,231,82
* orl-mus LD50:2550 mg/kg NIIRDN 6,231,82
* ipr-mus LD50:160 mg/kg NIIRDN 6,231,82
* scu-mus LD50:6300 mg/kg NIIRDN 6,231,82

DW1015100 (1,4'-BIPIPERIDINE)-4'-CARBOXAMIDE, 1'-(3-(10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPIN-5-YL)PROPYL)-, DIHYDROCHLORIDE, MONOHYDRATE
UPDT:8405 CAS: 7075-03-8 MW: 537.64 MOLFM: C28-H38-N4-O 2Cl-H M2-O
SYN: CARPIPRAMINE DIHYDROCHLORIDE MONOHYDRATE * DEFEKTON * PRAZINIL * PZ 1511
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1025 mg/kg MEIEDD 10,260,83
* ipr-rat LD50:76 mg/kg MEIEDD 10,260,83
* ivn-rat LD50:37 mg/kg MEIEDD 10,260,83
* orl-mus LD50:2180 mg/kg MEIEDD 10,260,83
* ipr-mus LD50:136 mg/kg MEIEDD 10,260,83
* ivn-mus LD50:28200 ug/kg MEIEDD 10,260,83

DW1050000 (1,4'-BIPIPERIDINE)-4'-CARBOXAMIDE, 1'-(3-(p-FLUOROBENZOYL)PROPYL)-
UPDT:8407 CAS: 1893-33-0 MW: 375.54 MOLFM: C21-H30-F-N3-O2
SYN: DIPIPERAL * DIPIPERON * DIPIPERONE * FLOROPIMAPIDE * 1'-(3-(p-FLUOROBENZOYL)PROPYL)(1,4'-BIPIPERIDINE 1-4'-CARBOXAMIDE * FLUOROBUTYROPHENONE * 4 FLUORO-4-(4-N-PIPERIDINO-4-CARBAMIDOPIPERIDINO)BUTYROPHENONE * p-FLUORO-gamma-(4-PIPERIDINO-4-CARBAMOYLPIPERIDINO)BUTYROPHENONE * PPA * ISONIPACOTAMIDE, 1-(3-(p-FLUOROBENZOYL)PROPYL)-4-PIPERIDINO- * MCN-JR-3345 * PIPAMPERONE * PIPANEPERONE * PIPERONYL * PROPITAN * R 3345
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T35T43 orl-mus TDLo:1500 mg/kg (10-12D preg) TOIZAG 28,621,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:160 mg/kg ANPBAZ 61,611,61
scu-rat LD50:160 mg/kg ANPBAZ 61,611,61
ivn-rat LD50:48 mg/kg 27ZQAG -,188,72
1F10 orl-mus LD50:490 mg/kg PHMGBN 15,485,77
scu-mus LD50:160 mg/kg 27ZQAG -,188,72
ivn-mus LD50:66 mg/kg 27ZQAG -,188,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDPYAK 1,203,74; MDCHAG 4,199,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(3,4'-BIPIPERIDINE)-2,6-DIONE, 3-PHENYL-1'-(PHENYLMETHYL)-, (R)- (9CI) see: MA4029500

DW1080000 (3,4'-BIPIPERIDINE)-2,6-DIONE, 3-PHENYL-1'-(PHENYLMETHYL)-, HYDROCHLORIDE, (S)-
UPDT:8403 CAS: 21888-96-0 MW: 398.97 MOLFM: C23-H26-N2-O2 Cl-H
SYN: (-)-1-BENZYL-4-(2,6-DIOXO-3-PHENYL-3-PIPERIDYL)PIPERIDINE HYDROCHLORIDE * (-)-2-(1-BENZYL-4-PIPERIDYL)-2-PHENYLGLUTARIMIDE HYDROCHLORIDE * (-)-3-(1-BENZYL-4-PIPERIDYL)-3-PHENYLPIPERIDINE-2,6-DIONE HYDROCHLORIDE * DEXBENZETIMIDE HYDROCHLORIDE * DEXETIMIDE HYDROCHLORIDE * DEXTROBENZETIMIDE HYUROCHLORIDE * (S)-3-PHENYL-1'-(PHENYLMETHYL)-(3,4'-BIPIPERIDINE)-2,6-DIONE HYDROCHLORIDE * R 16470 * TREMBLEX
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:45 mg/kg 27ZQAG -,219,72
unk-mus LD50:45 mg/kg 85ESA3 9,386,76

(3,4'-BIPIPERIDINE)-2,6-DIONE, 3-PHENYL-1'-(PHENYLMETHYL)-, MONOHYDROCHLORIDE (9CI) see: MA4030000
BIPIPERIDYL MUSTARD see: DW0875000
BIPIQUIN see: VB2360000
BIPOTASSIUM CHLORAZEPATE see: DE8750000
BIPOTASSIUM CHROMATE see: GB2940000
delta(sup 2,2')-BIPSEUDOINDOXYL see: DU2988400
2,2'-BIPYRIDIN see: DW1750000
BIPYRIDINE see: DW1750000
alpha,alpha'-BIPYRIDINE see: DW1750000

DW1750000 2,2'-BIPYRIDINE
UPDT:8403 CAS: 366-18-7 MW: 156.20 MOLFM: C10-H8-N2
SYN: 2,2'-BIPYRIDIN * BIPYRIDINE * alpha,alpha BIPYRIDINE * alpha,alpha BIPYRIDYL * 2,2-BIPYRIDYL * CI-588 * alpha,alpha-DIPYRIDYL * 2,2'-DIPYRIDYL
MUTATION DATA AND REFERENCES:
mmo-sat 20 ug/plate ABCHA6 45,327,81
mma-sat 20 ug/plate ABCHA6 45,327,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T46 ipr-rat TDLo:60 mg/kg (12D preg) TJADAB 18,63,78
TUMORIGENIC DATA AND REFERENCES:
2V03N60 scu-mus TDLo:8000 mg/kg/40W-I JNCIAM 24,109,60
TOXICITY DATA AND REFERENCES:
3F18M16P01 orl-rat LD50:100 mg/kg JTEHD6 10,363,82
* scu-rat LD50:155 mg/kg MEIEDD 10,489,83
ipr-mus LD50:200 mg/kg JPETAB 196,478,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DW1760000 4,4'-BIPYRIDINE
UPDT:8401 CAS: 553-26-4 MW: 156.20 MOLFM: C10-H8-N2
SYN: gamma,gamma-BIPYRIDYL * 4,4-BIPYRIDYL * 4,4 BIPYRIDYL * 4,4-DIPYRIDINE * gamma,gamma-DIPYRIDYL * 4,4-DIPYRIDYL * 4,4'-DIPYRIDYL * 4-(4-PYRIDYL)PYRIDINE
TOXICITY DATA AND REFERENCES:
3D17F07J22 orl-rat LD50:172 mg/kg JTEHD6 10,363,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4,4'-(4,4'-BIPYRIDINE-1,1'-DIYL)BIS(2,6-DIAMINOPYRIMIDINE 1-OXIDE) see: UV7062000
2,3'-BIPYRIDINE, 5-(1-METHYL-2-PIPERIDINYL)-, (+)- (9CI) see: BV4299600
2,3'-BIPYRIDINE, 1,2,3,6-TETRAHYDRO-, (S)- (9CI) see: BV6495000

DW2010000 4,4'-BIPYRIDINIUM, 1,1'-DIMETHYL-, BIS(METHYL SULFATE)
UPDT:8408 CAS: 2074-50-2 MW: 408.48 MOLFM: C12-H14-N2 2C-H3-O4-S
SYN: 1,1'-DIMETHYL-4,4'-BIPYRIDYNIUM DIMETHYLSULFATE * 1,1'-DIMETHYL-4,4'-DIPYRIDINIUM DI(METHYL SULFATE) * GRAMOXONE METHYL SULFATE * PARAQUAT BIS(METHYL SULFATE) * PARAQUAT DIMETHYL SULFATE * PARAQUAT DIMETHYL SULPHATE * PARAQUAT 1 * PP 910
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:100 mg/kg IYKEDH 10,520,79
ipr-rat LD50:26 mg/kg BJIMAG 23,126,66
* orl-dog LD50:25 mg/kg IYKEDH 10,520,79
* orl-cat LD50:35 mg/kg IYKEDH 10,520,79
* orl-gpg LD50:30 mg/kg IYKEDH 10,520,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BIPYRIDINIUM, 1,1'-DIMETHYL-4,4'-, DICHLORIDE see: DW2275000

DW2275000 4,4'-BIPYRIDINIUM, 1,1'-DIMETHYL-, DICHLORIDE
UPDT:8411 CAS: 1910-42-5 MW: 257.18 MOLFM: C12-H14-N2 2Cl
SYN: AH 501 * BIPYRIDINIUM, 1,1-DIMETHYL-4,4- DICHLORIDE * CERUQUAT * CRISQUAT * DEXTRONE * DEXTRONE X * DEXURON * 1,1'-DIMETHYL-4,4 BIPYRIDINIUM BIS(METHOSULFATE) * N,N-DIMETHYL-4,4'-BIPYRIDINIUM DICHLORIDE * N,N-DIMETHYL-4,4 BIPYRIDYLIUM DICHLORIDE * 1,1'-DIMETHYL-4,4-BIPYRIDYNIUM DICHLORIDE * 4,4-DIMETHYLDIPYRIDYL DICHLORIDE * 1,1-DIMETHYL-4,4-DIPYRIDYLIUM CHLORIDE * N,N-DIMETHYL-4,4 DIPYRIDYLIUM DICHLORIDE * DIMETHYL VIOLOGEN CHLORIDE * ESGRAM * GRAMIXEL * GRAMONOL * GRAMOXON * GRAMOXONE * GRAMOXONE D * GRAMOXONE DICHLORIDE * GRAMOXONE S * GRAMOXONE W * GRAMURON * HERBAXON * HERBOXONE * METHYLVIOLOGEN * METHYL VIOLOGEN DICHLORIDE * METHYL VIOLOGEN (REDUCED) * OK 622 * ORTHO PARAQUAT CL * PARA-COL * PARAQUAT * PARAQUAT CHLORIDE * PARAQUAT CL * PARAQUAT DICHLORIDE * PATHCLEAR * PILLARQUAT * PILLARXONE * PP148 * SWEEP * TERRAKLENE * TOTACOL * TOXER TOTAL * VIOLOGEN, METHYL- * WEEDOL
IRRITATION DATA AND REFERENCES:
eye-rbt 25 mg MLD BJIMAG 23,126,66
MUTATION DATA AND REFERENCES:
mmo-sat 2500 ng/plate TOLED5 3,169,79
mma-sat 20 ug/plate ABCHA6 45,327,81
dnr-sat 100 ug/plate MUREAV 68,183,79
mmo-omi 1000 ppm IJEBA6 11,114,73
mrc-smc 100 ppm MUREAV 21,83,73
mma-asn 400 ug/plate MUREAV 68,183,79
dns-hmn:fbr 20 mg/L MUREAV 68,183,79
oms-rat-orl 126 mg/kg FCTXAV 13,47,75
dni-rat-orl 126 mg/kg FCTXAV 13,47,75
sce-ham:fbr 1 mmol/L PAACA3 25,110,84
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ipr-rat TDLo:6500 ug/kg (6D preg) 26UZAB 6,257,68
1T25 ipr-mus TDLo:30150 ug/kg (8-16D preg) TXAPA9 33,450,75
1T25 ipr-mus TDLo:30150 ug/kg (8-16D preg) TXAPA9 29,122,74
TOXICITY DATA AND REFERENCES:
3F27J21K13 orl-wmn LDLo:3000 mg/kg FSIZAQ 27,494,77
2J30K30 orl-man TDLo:32 mg/kg BMJOAE 3,290,68
orl-hmn LDLo:43 mg/kg BMJOAE 2,396,78
3J22K12K13 orl-wmn LDLo:200 mg/kg NIBKAW 69,151,80
orl-rat LD50:57 mg/kg RREVAH 10,97,65
skn-rat LD50:80 mg/kg WRPCA2 9,119,70
ipr-rat LD50:26 mg/kg BJIMAG 23,126,66
* scu-rat LD50:24 mg/kg CSLNX* NX#00224
ivn-rat LD50:21 mg/kg CRTXB2 4,411,76
2J13Y37 orl-mus LD50:120 mg/kg GEPHDP 12,225,81
ipr-mus LD50:30 mg/kg TXAPA9 35,501,76
* ivn-mus LD50:180 mg/kg CSLNX* NX#00224
* orl-dog LD50:25 mg/kg IYKEDH 10,520,79
3K12K13J22 ivn-dog LDLo:34500 ug/kg FAATDF 2,261,82
orl-mky LD50:50 mg/kg EXMPA6 17,317,72
* orl-cat LD50:35 mg/kg IYKEDH 10,520,79
skn-rbt LD50:325 mg/kg BJIMAG 23,126,66
skn-rbt LD50:236 mg/kg WRPCA2 7,135,68
3F13F17J22 ipr-rbt LD50:18 mg/kg VHTODE 21,404,79
orl-gpg LD50:22 mg/kg EXMPA6 17,317,72
ipr-gpg LD50:4 mg/kg BJIMAG 23,126,66
orl-ckn LD50:362 mg/kg BJIMAG 23,126,66
orl-dck LD50:199 mg/kg TXAPA9 47,451,79
skn-dck LD50:600 mg/kg TXAPA9 47,451,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FEPRA7 35(1),89,76 CNDQAB 10(3),43,75: CRTXB2 1(1),93,71; DTTIAF 80(20),485,73; FNSCA6 2,67,73; EVHPAZ 15,121,76; AJHPA9 35,1368,78
★ TLV-TWA 100 ug/m3 DTLVS* 4,319,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (skin) (SCP-T) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5003
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

DW2500000 (3,4'-BIPYRIDIN)-6(1H)-ONE, 5-AMINO-
UPDT:8405 CAS: 60719-84-8 MW: 187.22 MOLFM: C10-H9-N3-O
SYN: 5-AMINO(3,4'-BIPYRIDIN)-6-(1H)-ONE * 3-AMINO-5-(4-PYRIDINYL)-2(1H)-PYRIDINONE * AMRINONE * INOCOR * WIN 40680
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:363 mg/kg TPHSDY 1,143,80
* ivn-rat LD50:130 mg/kg TPHSDY 1,143,80
* orl-mus LD50:288 mg/kg TPHSDY 1,143,80
* ivn-mus LD50:150 mg/kg TPHSDY 1,143,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
4-(1,4'-BIPYRIDIN-1'-YL)-2,6-DIAMINOPYRIMIDINE 1-OXIDE DIHYDROCHLORIDE HEMIHYDRATE see: UV7063000
alpha,alpha'-BIPYRIDYL see: DW1750000
gamma,gamma'-BIPYRIDYL see: DW1760000
2,2'-BIPYRIDYL see: DW1750000
4,4-BIPYRIDYL see: DW1760000
4,4'-BIPYRIDYL see: DW1760000

DW2975000 N,4'-BI(PYRROLE-2-CARBOXAMIDE), N'-(2-CARBAMOYLETHYL)-4-((2-GUANIDINOACETIMIDOYL)AMINO)- 1,1'-DIMETHYL-, HYDROCHLORIDE
UPDT:8405 MW: 467.00 MOLFM: C18-H26-N10-O3 Cl-H
SYN: CONGOCIDINE DIHYDROCHLORIDE * NETROPSIN HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
cyt-mus:ast 10 umol/L PHARAT 32,178,77
sce-ham:lng 100 umol/L HEREAY 96,295,82
TOXICITY DATA AND REFERENCES:
scu-mus LD50:70 mg/kg JACSAT 73,341,51
ivn-mus LD50:17 mg/kg JACSAT 73,341,51
BIQ 20 see: NX5426000

DW3000000 BIRCH TAR OIL
UPDT:8305 CAS: 8001-88-5
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 11,1037,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BIRD'S EYE see: AV3750000
BIRHATTA EXTRACT (Indian) see: WF0660700
BIRLANE see: TB8750000
BIRLANE 24 see: TB8750000
BIRMI, leaf extract (Indian) see: WX1277000
BIRNENOEL see: AJ1925000
BIRTHWORT see: CF3325000
BIRUTAN see: VM2975000
2,7-BIS(ACETAMIDO)FLUORENE see: AC0700000
BIS(p-ACETAMIDOPHENYL) SULFONE see: AE7175000
BIS(4-ACETAMIDOPHENYL)SULFONE see: AE7175000
BIS-4-ACETAMINO-PHENYL SELENIUM DIHYDROXIDE see: VS7800000
BIS(ACETATO)TETRAHYDROXYTRILEAD see: OF8750000
3-(1,1'-BIPHENYL)-4-YL-4-HYDROXY-1H-PYRROLE-2,5-DIONE see: UX9520000
BIS(ACETATO)TRIHYDROXYTRILEAD see: OF8050000
BIS(ACETO)DIHYDROXYTRILEAD see: OF8750000
4,4'-BISACETOPHENONE-alpha,alpha'-DI(3-METHYLPYRIDINIUM)DIBROMIDE see: TJ7610000
BIS-(ACETOXYAETHYL)NITROSAMIN (German) see: KL9600000
BIS(ACETOXY)CADMIUM see: EU9810000
BIS(ACETOXYDIBUTYLSTANNANE) OXIDE see: JN8740000
BIS(2-ACETOXYETHYL)SULFONE see: WR2850000
9,10-BISACETOXYMETHYL-1,2-BENZANTHRACENE see: CW2100000
2,3-BIS(ACETOXYMETHYL)QUINOXALINE DI-N-OXIDE see: VD1860000
BIS-(p-ACETOXYPHENYL)-CYCLOHEXYLIDENEMETHANE see: GO7550000
BIS(p-ACETOXYPHENYL)-2-METHYLCYCLOHEXYLIDENEMETHANE see: GP1339000
BIS(p-ACETOXYPHENYL)-2-METHYL-4-METHYLIDENE-CYCLOHEXYLIDENE-METHANE see: SJ3680000
2,2-BIS(4-ACETOXYPHENYL)-3-OXO-2,3-DIHYDROBENZ-1,4-OXAZINE see: DM3325000
BIS(p-ACETOXYPHENYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYLIDENE-METHANE see: SJ3665000
BIS(ACETYLACETONATO)TITANIUM OXIDE see: XR2330000
2,5-BIS(ACETYLAMINO)FLUORENE see: AC0525000
2,7-BIS-ACETYLAMINOFLUORENE see: LL6940000
2,5-BIS(3-ACETYL-1,1-DIMETHYLPROPYL)-5,5'-THIAZOLO(5,4-d)THIAZOLE see: XJ7055700
1,1'-(3,17-BIS(ACETYLOXY)ANDROSTANE-2,16-DIYL)BIS(1-METHYLPIPERIDINIUM) DIBROMIDE see: TN4930000
BIS(ACETYLOXY)DIBUTYLSTANNANE see: WH6880000
BIS(ACETYLOXY)MERCURY see: AI8575000
2,2-BIS(4-(ACETYLOXY)PHENYL)-2H-1,4-BENZOXAZIN-3(4H)-ONE DIACETATE see: DM3325000
BIS(ACETYL-N-PHENYLCARBAMYLMETHYL)-4,4'-DISAZO-3,3'-DICHLOROBIPHENYL see: AK4580000
BIS(p-ACETYLPHENYL)ETHER see: AM9656500 ACETOPHENONE, 4',4'''-OXYDI-
BIS(4-ACETYLPHENYL)ETHER see: AM9656500 ACETOPHENONE, 4',4'''-OXYDI-
5-(1,2-BIS(AETHOXY-CARBONYL)-AETHYL)-O,O-DIMETHYL-DITHIOPHASPHAT (German) see: WM8400000
BISAKLOFEN BP see: PA3500000
1,4-BIS(4-ALDOXIMINOPYRIDINIUM)BUTANEDIOL-2,3-BIBROMIDE see: UU3875300
1,3-BIS(4-ALDOXIMINOPYRIDINIUM) DIMETHYL ETHER BICHLORIDE see: UU6825000
N,N'-BIS(m-AMIDINOPHENYL)UREA DIESTHIONATE see: FE0200000
BIS AMINE see: CY1050000
BIS-AMINE A see: CY1050000
BIS(4-A*'NO-3-CHLOROPHENYL) ETHER** see: KM9625000
BIS(beta-AMINOETHYL)AMINE see: IE1225000
BIS(2-AMINOETHYL)AMINE see: IE1225000
BIS(beta-AMINOETHYL)DISULFIDE see: KR7175000
N,N'-BIS(2-AMINOETHYL)ETHYLENEDIAMINE see: YE6650000
BIS(2-AMINOETHYL)FUMARATE DIHYDROCHLORIDE see: LS9800000
BIS(AMINO-2 ETHYLTHIO)DIISOPENTYLGERMANE (French) see: KR5580000 ETHYLAMINE, 2,2'-((DIISOPENTYLGERMYLENE)DITHIO)BIS-
BIS(AMINO-2 ETHYLTHIO)DIMETHYLGERMANE (French) see: KR6069000 ETHYLAMINE, 2,2'-((DIMETHYLGERMYLENE)DITHIO)BIS-
BIS(AMINO-2 ETHYLTHIO)DIMETHYLSILANE (French) see: KR6704500 ETHYLAMINE, 2,2'-((DIMETHYLSILYLENE)DITHIO)BIS-
BIS-p-AMINOFENYLMETHAN (Czech) see: BY5425000
4,4'-BIS(1-AMINO-8-HYDROXY-2,4-DISULFO-7-NAPHTHYLAZO)-3,3'-BITOLYL, TETRASODIUM SALT see: QJ6440000
4,4'-BIS(7-(1-AMINO-8-HYDROXY-2,4-DISULFO)NAPHTHYLAZO)-3,3'-BITOLYL, TETRASODIUM SALT see: QJ6440000
4,4'-BIS(1-AMINO-8-HYDROXY-2,4-DISULPHO-7-NAPHTHYLAZO)-3,3'-BITOLYL, TETRASODIUM SALT see: QJ6440000
4,4'-BIS(7-(1-AMINO-8-HYDROXY 2,4-DISULPHO)NAPHTHYLAZO)-3,3'-BITOLYL, TETRASODIUM SALT see: QJ6440000
N,N'-BIS(3-(AMINOIMINOMETHYL)PHENYL)-BENZENECARBOXIMIDAMIDE DIESTHIONATE see: FE0200000
1,3-BIS-AMINOMETHYLBENZEN (Czech) see: PF8970000
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)DECANEDIAMIDE DIHYDROCHLORIDE see: HD7108000
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIALLYLMALONAMIDE DIHYDROCHLORIDE see: ON9133200
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIALLYLMALONAMIDE TETRAACETATE see: ON9133400
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIBENZYLMALONAMIDE DIHYDROCHLORIDE see: ON9133600
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIBUTYLMALONAMIDE DIHYDROCHLORIDE see: ON9133800
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIETHYLMALONAMIDE DIHYDROCHLORIDE see: ON9134000
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIMETHYLMALONAMIDE DIHYDROCHLORIDE see: ON9134200
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIPROPYLMALONAMIDE DIHYDROCHLORIDE see: ON9134300
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-ETHYL-2-METHYLMALONAMIDE DIHYDROCHLORIDE see: ON9134400
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-ETHYL-2-PROPYLMALONAMIDE DIHYDROCHLORIDE see: ON9134500
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)GLUTARAMIDE DIHYDROCHLORIDE see: MA2980000
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)HEPTANEDIAMIDE DIHYDROCHLORIDE see: MI8800400
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)HEXANEDIAMIDE DIHYDROCHLORIDE see: MO1160000
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)MALONAMIDE DIHYDROCHLORIDE see: ON9134100
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-METHYL-2-PROPYLMALONAMIDE DIHYDROCHLORIDE see: ON9134600
N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)NONANEDIAMIDE DIHYDROCHLORIDE see: RA6280000
1,3-BIS(4-AMINO-2-METHYL-6-QUINOLYL)UREA DIHYDROCHLORIDE see: YS1950300
BIS-4-AMINO-3-METHYLFENYLMETHAN (Czech) see: BY5300000
BIS(2-AMINO-1-NAPHTHYL)SODIUM PHOSPHATE see: QL3355000
BIS(4-AMINOPHENOXYPHENYL)SULFONE see: BY8955000
BIS(p-AMINOPHENYL)ETHER see: BY7900000
BIS(4-AMINOPHENYL)ETHER see: BY7900000
BIS(p-AMINOPHENYL)METHANE see: BY5425000
BIS(4-AMINOPHENYL)METHANE see: BY5425000
BIS(m-AMINOPHENYL)PHOSPHINIC ACID see: SZ4210100
BIS(p-AMINOPHENYL)PHOSPHINIC ACID see: SZ4210300
BIS(p-AMINOPHENYL)SULFIDE see: BY9625000
BIS(4-AMINOPHENYL) SULFIDE see: BY9625000
BIS(p-AMINOPHENYL) SULFONE see: BY8925000
BIS(4-AMINOPHENYL) SULFONE see: BY8925000
BIS(p-AMINOPHENYL)SULPHIDE see: BY9625000
BIS(4-AMINOPHENYL)SULPHIDE see: BY9625000
BIS(p-AMINOPHENYL)SULPHONE see: BY8925000
BIS(4-AMINOPHENYL)SULPHONE see: BY8925000
BIS(p-AMINOPHENYL) SULFOXIDE see: BY8440000
BIS-(3-AMINOPROPYL)AMINE see: JL9450000
N,N'-BIS(3-AMINOPROPYL)-1,4-BUTANEDIAMINE see: EJ7175000
1,4-BIS(AMINOPROPYL) BUTANEDIAMINE see: EJ7175000
BIS(AMINOPROPYL)PIPERAZINE (DOT) see: TK8700000
2,2-BIS(p-ANISYL)-1,1,1-TRICHLOROETHANE see: KJ3675000
BIS(AQUO)-N,N'-(2-IMINO-5-PHENYL-4-OXAZOLIDINONE)MAGNESIUM (II) see: RY1105000
BIS(L-ASPARAGINATO)COBALT HYDRATE see: GF9534500
BIS(L-ASPARAGININATO)MANGANESE see: OO9288350
BIS(L-ASPARTATO)COBALTATE(2-) see: GF9268000
BIS(L-ASPARTATO)MANGANESE DIHYDRATE see: OO9288400
BIS-A-TDA see: XI4100000
N,N'-BIS(AZIRIDINYLACETYL)-1,8-OCTAMETHYLENE DIAMINE see: RG7600000
P,P-BIS(1-AZIRIDINYL)-P-(1-ADAMANTYL)-PHOSPHINE OXIDE see: SY9299000
P,P-BIS(1-AZIRIDINYL)-N-(1-ADAMANTYL)-PHOSPHINIC AMIDE see: SZ5790000
BIS(1-AZIRIDINYL)AMINOPHOSPINE SULFIDE see: SZ5990100
BIS(1-AZIRIDINYL)ANILINO-PHOSPHINE OXIDE see: SZ5785000
2,5-BIS(1-AZIRIDINYL)-3,6-BIS(2-METHOXYETHOXY)-p-BENZOQUINONE see: DK3325000
2,5-BIS(1-AZIRIDINYL)-3,6-BIS(2-METHOXYETHOXY)-2,5-CYCLOHEXADIENE-1,4-DIONE see: DK3325000
P,P-BIS(1-AZIRIDINYL)-N-BUTYLAMINOPHOSPHINE OXIDE see: SZ5821000
P,P-BIS(1-AZIRIDINYL)-N-BUTYLPHOSPHINIC AMIDE see: SZ5821000
2,5-BIS(1-AZIRIDINYL)-3-(2-CARBAMOYLOXY-1-METHOXYETHYL)-6-METHYL-1,4-BENZOQUINONE see: DK3400000
4,6-BIS(1-AZIRIDINYL)-2-(p-CHLOROPHENYL)-5-NITROPYRIMIDINE see: UV7071300
2,4-BIS(1-AZIRIDINYL)-6-CHLORO-5-PHENYLPYRIMIDINE see: UV7071000
2,4-BIS(1-AZIRIDINYL)-6-CHLOROPYRIMIDINE see: UV7065000
2,4-BIS(1-AZIRIDINYL)-6-CHLORO-s-TRIAZINE see: XY3322000
P,P-BIS(1-AZIRIDINYL)-N,N-DIMETHYLAMINOPHOSPHINE OXIDE see: SZ5825000
P,P-BIS(1-AZIRIDINYL)-N,N-DIMETHYLPHOSPHINIC AMIDE see: SZ5825000
P,P-BIS(1-AZIRIDINYL)-N,N-DIMETHYLPHOSPHINOTHIOIC AMIDE see: SZ5990300
2,5-BIS(1-AZIRIDINYL)-3,6-DIOXO-1,4-CYCLOHEXADIENE-1,4-DICARBAMIC ACID DIETHYL ESTER see: GU4808000
3,3'-BIS(1-AZIRIDINYL)DIPROPYLAMINE see: JL9384000
4,6-BIS(1-AZIRIDINYL)-2-(4-ETHOXY-3-NITROPHENYL)-5-NITROPYRIMIDINE see: UV7073400
2,4-BIS(1-AZIRIDINYL)-6-ETHOXYPYRIMIDINE see: UV7073000
P,P-BIS(1-AZIRIDINYL)-N-ETHYLAMINOPHOSPHINE OXIDE see: SZ5828000
N,N'-BIS(2-(1-AZIRIDINYL)ETHYL)OXAMIDE see: RO5300000
P,P-BIS(1-AZIRIDINYL)-N-ETHYLPHOSPHINIC AMIDE see: SZ5828000
2,5-BIS(1-AZIRIDINYL)-3-(2-HYDROXY-1-METHOXYETHYL)-6-METHYL-p-BENZOQUINONE CARBAMATE (ester) see: DK3400000
2,4-BIS(1-AZIRIDINYL)-6-ISOPROPOXYPYRIMIDINE see: UV7074000
2,4-BIS(1-AZIRIDINYL)-6-ISOPROPOXY-s-TRIAZINE see: XY3322200
P,P-BIS(1-AZIRIDINYL)-N-ISOPROPYLAMINOPHOSPHINE OXIDE see: SZ5828500
2,4-BIS(1-AZIRIDINYL)-6-(ISOPROPYLAMINO)-s-TRIAZINE see: XY3322300
P,P-BIS(1-AZIRIDINYL)-N-ISOPROPYLPHOSPHINIC AMIDE see: SZ5828500
4,6-BIS(1-AZIRIDINYL)-2-(4-METHOXY-3-NITROPHENYL)-5-NITROPYRIMIDINE see: UV7076300
2,4-BIS(1-AZIRIDINYL)-6-METHOXYPYRIMIDINE see: UV7076000
BIS(1-AZIRIDINYL)MORPHOLINOPHOSPHINE SULPHIDE see: SZ2530000
4,6-BIS(1-AZIRIDINYL)-2-(1-NAPHTHYL)-5-NITROPYRIMIDINE see: UV7078400
4,6-BIS(1-AZIRIDINYL)-2-(2-NAPHTHYL)PYRIMIDINE see: UV7078000
4,6-BIS(1-AZIRIDINYL)-5-NITRO-2-PHENYLPYRIMIDINE see: UV7079500
2,4-BIS(1-AZIRIDINYL)-5-NITROPYRIMIDINE see: UV7079000
4,6-BIS(1-AZIRIDINYL)-5-NITROPYRIMIDINE see: UV7079010
4,6-BIS(1-AZIRIDINYL)-2-PHENYLPYRIMIDINE see: UV7080000
P,P-BIS(1-AZIRIDINYL)PHOSPHINOTHIOIC AMIDE see: SZ5990100
N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-m-BROMOBENZAMIDE see: CV2350200
N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-o-BROMOBENZAMIDE see: CV2350300
N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-p-CHLOROBENZAMIDE see: CV2351000
N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-3,5-DIBROMOBENZAMIDE see: CV2351500
N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-2,5-DIIODOBENZAMIDE see: CV2352000
N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-3,5-DIIODOBENZAMIDE see: CV2352400
N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-m-ETHOXYBENZAMIDE see: CV2352500
N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-m-IODOBENZAMIDE see: CV2353600
N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-o-IODOBENZAMIDE see: CV2353610
N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-p-IODOBENZAMIDE see: CV2353620
N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-m-METHOXYBENZAMIDE see: CV2353900
N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-p-METHOXYBENZAMIDE see: CV2353920

BEST COPY AVAILABLE

N-(BIS(1-AZIRIDINYL)PHOSPHINYL)-2,3,5-TRIIODOBENZAMIDE see: CV2354750
P,P-BIS(1-AZIRIDINYL)-N-PROPYLAMINOPHOSPHINE OXIDE see: SZ5832000
P,P-BIS(1-AZIRIDINYL)-N-PROPYLPHOSPHONIC AMIDE see: SZ5832000
6,7-BIS(1-AZIRIDINYL)-5,8-QUINAZOLINEDIONE see: VA1393000
2-((4,6-BIS(1-AZIRIDINYL)-s-TRIAZIN-2-YL)AMINO)-2-ETHYL-1,3-PROPANEDIOL see: TY3192300
2-(4,6-BIS(1-AZIRIDINYL)-s-TRIAZIN-2-YLAMINO)-2-HYDROXYMETHYL-1,3-PROPANEDIOL see: TY3192600
2-((4,6-BIS(1-AZIRIDINYL)-s-TRIAZIN-2-YL)AMINO)-2-METHYL-1,3-PROPANEDIOL see: TY3192800
2-((4,6-BIS(1-AZIRIDINYL)-s-TRIAZIN-2-YL)AMINO)-1,3-PROPANEDIOL see: TY3192000
BIS-BENZENE CHROMIUM see: GB5850000
BIS(BENZENE)CHROMIUM IODIDE see: GB5900000
BIS(BENZENE)CHROMIUM(1+) IODIDE see: GB5900000
BIS(1,3)BENZODIOXOLO(4,5-c:5',6'-g)AZECIN-13(5H)-ONE, 4,6,7,14-TETRAHYDRO-5-METHYL- see: VS2800000
BIS(BENZOTHIAZOLYL) DISULFIDE see: DL4550000
BIS(2-BENZOTHIAZOLYLTHIO)ZINC see: DL7000000
BIS(2-BENZOTHIAZYL) DISULFIDE see: DL4550000
1,3-BIS(BENZOYLOXY)BENZENE see: VH0590000
cis-BIS(2,2'-BIPYRIDINE)DICHLORORHODIUM CHLORIDE see: VI9080000
1,4-BIS((BIS(2-CHLOROETHYL)AMINO)ACETYL)PIPERAZINE DIHYDROCHLORIDE see: TK8780500
BIS((4-(BIS(2-CHLOROETHYL)AMINO)BENZENE)ACETATE)ESTRA-1,3,5(10)-TRIENE-3,17-DIOL(17beta) see: KG7300000
BIS((4-(BIS(2-CHLOROETHYL)AMINO)BENZENE)ACETATE)OESTRA-1,3,5(10)-TRIENE-3,17-DIOL(17beta) see: KG7300000
2,5-BIS(BIS-(2-CHLOROETHYL)AMINOMETHYL)HYDROQUINONE see: MX4200000
BIS((p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETATE)ESTRADIOL see: KG7300000
BIS((p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETATE)ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: KG7300000
BIS((p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETATE)OESTRADIOL see: KG7300000
BIS((p-BIS(2-CHLOROETHYL)AMINOPHENYL)ACETATE)OESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: KG7300000
BIS(BISDIMETHYLAMINOPHOSPHONOUS)ANHYDRIDE see: UX5950000 PYROPHOSPHORAMIDE, OCTAMETHYL-
BIS-BP see: UB0250000
1,2-BIS(BROMOACETOXY)ETHANE see: AF5960000
BIS(2-BROMOETHYL)AMINOMETHYL-4-METHOXYNITROBENZENE see: DP1574500 BENZYLAMINE, N,N-BIS(2-BROMOETHYL)-2-METHOXY-5-NITRO-
N,N-BIS(2-BROMOETHYL)-2-METHYL-1-NAPHTHALENAMINE see: QJ0352000
N,N-BIS(2-BROMOETHYL)-2-METHOXY-5-NITROBENZYLAMINE see: DP1574500 BENZYLAMINE, N,N-BIS(2-BROMOETHYL)-2-METHOXY-5-NITRO-
3,5-BIS(BROMOMETHYL)BENZOIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER see: DG4398000
2,3-BIS(BROMOMETHYL)-6-FLUORO-QUINOXALINE 1,4-DIOXIDE see: VD1423000
2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL see: TY3195500
BIS(m-BROMOPHENYL)PHOSPHINIC ACID see: SZ4366100
BIS(o-BROMOPHENYL)PHOSPHINIC ACID see: SZ4366200
BIS(p-BROMOPHENYL PHOSPHINIC ACID see: SZ4366300
BISBUTENYLENETETRAHYDROFURFURAL see: HP5075000
2,3,4,5-BIS(delta(sup 2)-BUTENYLENE)TETRAHYDROFURFURAL see: HP5075000
2,3,4,5-BIS(2-BUTENYLENE)TETRAHYDROFURFURAL see: HP5075000
BISBUTITIAMINE see: XJ7030100
BIS(2-BUTOXYETHYL) ETHER see: KN0350000
BIS(2-BUTOXYETHYL)PHTHALATE see: TI0175000
BIS(2-BUTYL)ETHER see: EQ2220000
1,1-BIS-(tert-BUTYLPEROXY)CYCLOHEXANE (DOT) see: SD8255600
1,1-BIS-(tert-BUTYLPEROXY)CYCLOHEXANE (DOT) see: SD8255800
alpha,alpha'-BIS(tert-BUTYLPEROXY)DIISOPROPYLBENZENE see: SD8431900
2,2-BIS(tert-BUTYLPEROXY)PROPANE (DOT) see: SD8422000
4,4'-BIS(tert-BUTYLPEROXY)VALERIC ACID BUTYL ESTER see: YV6191200
4,4-BIS(tert-BUTYLPEROXY)VALERIC ACID BUTYL ESTER see: YV6191220
BIS(BUTYLCARBITOL)FORMAL see: PA3400000
2,3,4,5-BIS(2-BUTYLENE)TETRAHYDRO-2-FURALDEHYDE see: HP5075000
BIS-delta(sup 2)-BUTYLENETETRAHYDROFURFURAL see: HP5075000
2,3,4,5-BIS(delta(sup 2)-BUTYLENE)TETRAHYDROFURFURAL see: HP5075000
2,3,4,5-BIS(2-BUTYLENE)TETRAHYDRO-2-FURFURAL see: HP5075000
BIS(3-tert-BUTYL-4-HYDROXY-6-METHYLPHENYL) SULFIDE see: GP3150000
2,2'-BIS-6-terc.BUTYL p-KRESYLMETHAN (Czech) see: PA3500900
2,6-BIS(tert-BUTYL)PHENOL see: SK8265000
BIS-(4-t-BUTYLPYRIDINE)-1-METHYLETHER DICHLORIDE see: UU6815000
BIS(n-BUTYL)SEBACATE see: VS1150000
BISBUTYL THIAMINE see: XJ7030100
BIS(BUTYLTHIO)DIMETHYLTIN see: WH6714200
BISBUTYTHIAMIN see: XJ7030100
1,3-BIS(CARBAMOYLTHIO)-2-(N,N-DIMETHYLAMINO)-, HYDROCHLORIDE see: FD1225000
1,3-BIS(CARBAMOYLTHIO)-2-(N,N-DIMETHYLAMINO)PROPANE HYDROCHLORIDE see: FD1225000
S-(1,2-BIS(CARBETHOXY)ETHYL) O,O-DIMETHYL DITHIOPHOSPHATE see: WM8400000
9,9-BIS(2'-CARBETHOXYETHYL)FLUORENE see: LL7450000
BIS(CARBONATO(2-))DIHYDROXYTRIBERYLLIUM see: DS2350000
9,9-BIS-(2'-CARBOXYETHYL)FLUORENE SULFATE, SODIUM SALT, 50% aqueous see: LL7452000
BIS(CARBOXYMETHYL DITHIOCARBAMIC ACID TRIAMMONIUM SALT MONOHYDRATE see: EY8868000
N,N-BIS(CARBOXYMETHYL)GLYCINE TRISODIUM SALT MONOHYDRATE see: AJ1070000
N,N-BIS(CARBOXYMETHYL)GLYSINE see: AJ0175000
p-(BIS(CARBOXYMETHYLMERCAPTO)ARSINO)BENZAMIDE see: AI6199900
BIS(CARBOXYMETHYLMERCAPTO)(p-CARBAMYLPHENYL)-ARSINE see: AI6199900
BIS(CARBOXYMETHYLMERCAPTO)(p-UREIDOPHENYL)ARSINE see: AI6500000
p-(BIS(o-CARBOXYPHENYLMERCAPTO)-ARSINO)-PHENYLUREA see: DH3400000
BIS(3-CARBOXYPROPIONYL) PEROXIDE see: UF2031000
N,N-BIS(beta-CHLORAETHYL)-AMIN (German) see: IA0175000
N,N-BIS-(beta-CHLORAETHYL)-N,O-PROPYLEN-PHOSPHORSAEURE-ESTER-DIAMID (German) see: RP5950000
BIS-(2-CHLORETHYL)VINYLFOSFONAT (Czech) see: TA1000000
BIS(5-CHLOR-2-HYDROXYPHENYL)-METHAN (German) see: SM0175000
trans-1,4-BIS(2-CHLOROBENZAMINOMETHYL)CYCLOHEXANE DIHYDROCHLORIDE see: GU7025000
1,4-CYCLOHEXANEBIS(METHYLAMINE), N,N'-BIS(2-CHLOROBENZYL)-, DIHYDROCHLORIDE, (E)-
BIS(p-CHLOROBENZOYL) PEROXIDE see: SD7875000
trans-N,N'-BIS-(2-CHLOROBENZYL)-1,4-CYCLOHEXANEBIS(METHYLAMINE) DIHYDROCHLORIDE see: GU7025000
1,3-BIS(p-CHLOROBENZYLIDENE AMINO)GUANIDINE see: ME8650000
N,N'-BIS(2-CHLOROBENZYL)-2,6-SPIRO(3.3)HEPTANEBIS(METHYLAMINE) DIHYDROCHLORIDE see: WH1309800
1,7-BIS(CHLORODIMETHYLSILYL) meta-CARBORANE see: HS9295000
BIS(2-CHLOROETHOXY)-METHANE see: PA3675000
N,N-BIS(2-CHLOROETHYL)ALANINE HYDROCHLORIDE see: AY4199000
BIS-beta-CHLOROETHYLAMINE see: IA0175000
4-(BIS(2-CHLOROETHYL)AMINO)BENZENEBUTANOIC ACID see: ES7525000
2-(N,N-BIS(2-CHLOROETHYL)AMINO)-1,4-BENZOQUINONE see: DK3450000
3-(4-(BIS(2-CHLOROETHYL)AMINO)BENZYLIDENEHYDRAZINO)-4-AMINO-1,2,4-TRIAZOLE HYDROCHLORIDE see: CU4800200
1,6-BIS(CHLOROETHYLAMINO)-1,6-BIS-DEOXY-D-MANNITOL see: OP2100000
2-(BIS(2-CHLOROETHYL)AMINO)-3-(2-CHLOROETHYL)TETRAHYDRO-2H-1,3,2-OXAPHOSPHORINE 2-OXIDE see: RP5880000
2-(BIS(2-CHLOROETHYL)AMINO)-3-(2-CHLOROETHYL)TETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE see: RP5880000
1,6-BIS-(CHLOROETHYLAMINO)-1,6-DESOXY-D-MANNITOL DIHYDROCHLORIDE see: OP2275000
1,6-BIS(CHLOROETHYLAMINO)-1,6-DIDEOXY-D-MANNITE see: OP2100000
1,6-BIS-(CHLOROETHYLAMINO)-1,6-DIDEOXY-D-MANNITE DIHYDROCHLORIDE see: OP2275000
1,6-BIS((beta-CHLOROETHYL)AMINO)-1,6-DIDEOXY-D-MANNITOL see: OP2100000
1,6-BIS((2-CHLOROETHYL)AMINO)-1,6-DIDEOXY-D-MANNITOL see: OP2100000
1,6-BIS(2-CHLOROETHYLAMINO)-1,6-DIDEOXY-D-MANNITOL DIHYDROCHLORIDE see: OP2100000
4-(BIS(2-CHLOROETHYL)AMINO)-2,3-DIMETHYL-1-PHENYL-3-PYRAZOLIN-5-ONE HYDROCHLORIDE see: UQ8969000
4-(BIS(2-CHLOROETHYL)AMINO)-2,3-DIMETHYL-1-PHENYLPYRAZOLON-(5) HYDROCHLORID (German) see: UQ8969000
3-(2-(BIS(2-(CHLOROETHYL)AMINO)ETHYL)-1,3-DIAZASPIRO(4.5)DECANE-2,4-DIONE see: HM2508000
((2-(BIS(2-CHLOROETHYL)AMINO)ETHYL)IMINO)DIACETIC ACID DIHYDROCHLORIDE see: AF5458000
(((2-(BIS(2-CHLOROETHYL)AMINO)ETHYL)IMINO)DIACETATO)CUPRATE(2-) HYDRATE see: GS2168500
3-(2-(BIS(2-(CHLOROETHYL)AMINO)ETHYL)-5,5-PENTAMETHYLENEHYDANTOIN see: HM2508000
p-(BIS(2-CHLOROETHYL)AMINO)HYDROCINNAMIC ACID see: MW5095000
2-(BIS(2-CHLOROETHYL)AMINO)-4-HYDROXYTETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORINE see: RP5925000
3-BIS(2-CHLOROETHYL)AMINO-4-METHYLBENZOIC ACID see: XU1594000
DL-N-(3-(BIS(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)ALANINE SODIUM SALT see: AY3300000
DL-N-(3-(BIS(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)-3-(p-CHLOROPHENYL)ALANINE see: AY3293000
1-(3-(BIS,2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)MORPHOLINE see: QD8505000
9-(4-(BIS-beta-CHLOROETHYLAMINO)-1-METHYLBUTYLAMINO)-6-CHLORO-2-METHOXYACRIDINE see: AR7570000
9-(4-BIS(2-CHLOROETHYL)AMINO-1-METHYLBUTYLAMINO)-6-CHLORO-2-METHOXYACRIDINE DIHYDROCHLORIDE see: AR7580000
4-((4-(BIS(2-CHLOROETHYL)AMINO)-1-METHYLBUTYL)AMINO-7-CHLOROQUINOLINE DIHYDROCHLORIDE see: VB0175000
2-(BIS(2-CHLOROETHYL)AMINOMETHYL)-5,5-DIMETHYLBENZIMIDAZOLE HYDROCHLORIDE see: DD6300000
BIS(2-CHLOROETHYL)AMINOMETHYL-4-HYDROXYNITROBENZENE see: SJ7781100 PHENOL, 2-((BIS(2-CHLOROETHYL)AMINO)METHYL)-4-NITRO-
2-((BIS(2-CHLOROETHYL)AMINO)METHYL)-5-NITROPHENYLALANINE see: SQ7330400
o-(BIS-(2-CHLOROETHYL)AMINOMETHYL)PHENYLALANINE DIHYDROCHLORIDE see: AY3310000
3-(o-((BIS(2-CHLOROETHYL)AMINO)METHYL)PHENYL)ALANINE DIHYDROCHLORIDE see: AY3310000
o-BIS(2-CHLOROETHYL)AMINOMETHYLPHENYLALANINE HYDROCHLORIDE see: AY3310000
(+-)-cis-2-(BIS(2-CHLOROETHYL)AMINO)-6-METHYLTETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE see: RP6156550
(+-)-trans-2-(BIS(2-CHLOROETHYL)AMINO)-6-METHYLTETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE see: RP6156570
5-(BIS(2-CHLOROETHYL)AMINO)-6-METHYLURACIL see: YQ9000000
2-BIS(2-CHLOROETHYL)AMINONAPHTHALENE see: QM2450000
2-(BIS(2-CHLOROETHYL)AMINO)-1-OXA-3-AZA-2-PHOSPHOCYCLOHEXANE 2-OXIDE MONOHYDRATE see: RP5950000
2-(BIS(2-CHLOROETHYL)AMINO)-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE see: RP5950000
1-BIS(2-CHLOROETHYL)AMINO-1-OXO-2-AZA-5-OXAPHOSPHORIDINE MONOHYDRATE see: RP5950000
p-(BIS(2-CHLOROETHYL)AMINO)PHENOL see: SJ7757000
4-(BIS(2-CHLOROETHYL)AMINO)PHENOL see: SJ7800000
p-(BIS(2-CHLOROETHYL)AMINO)PHENOL ACETATE HEMIHYDRATE see: SJ7758200
p-N,N-BIS(2-CHLOROETHYL)AMINOPHENOL BUTYL ETHER see: BW8300000
p-(BIS(2-CHLOROETHYL)AMINO)PHENOL BUTYRATE see: SJ7765200
p-N,N-BIS(2-CHLOROETHYL)AMINOPHENOL DECANOATE ESTER see: SJ7768000
p-N,N-BIS(2-CHLOROETHYL)AMINOPHENOL ETHYL ETHER see: SJ7011000
p-N,N-BIS(2-CHLOROETHYL)AMINOPHENOL HEXANOATE ESTER see: SJ7775000
p-N,N-BIS(2-CHLOROETHYL)AMINOPHENOL HEXYL ETHER see: BW8523000
p-(BIS(2-CHLOROETHYL)AMINO)PHENOL LAURATE see: SJ7776500
p-(BIS(2-CHLOROETHYL)AMINO)PHENOL p-METHYLBENZOATE see: SJ7781000
p-(BIS(2-CHLOROETHYL)AMINO)PHENOL MYRISTATE see: SJ7782500
p-(BIS(2-CHLOROETHYL)AMINO)PHENOL OCTANOATE see: SJ7784300
p-N,N-BIS(2-CHLOROETHYL)AMINOPHENOL PROPYL ETHER see: BW8565000
3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENOXY)PHENYL)ALANINE see: AY3360000
(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETIC ACID see: AF5456000
2-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETIC ACID see: AF5456000
(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETIC ACID CHOLESTEROL ESTER see: AF5457000
(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETIC ACID 2-HYDROXY-1,3-PROPANEDIYL ESTER see: AF5457430
DL-N-((1-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETYL)-3-(p-CHLOROPHENYL)ALANINE see: AY3700500
D-3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ALANINE see: AY3370000
3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ALANINE see: AY3600000
(+-)-3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ALANINE see: AY3370000
4-(BIS(2-CHLOROETHYL)AMINO)-D-PHENYLALANINE see: AY3370000
4-(BIS(2-CHLOROETHYL)AMINO)-DL-PHENYLALANINE see: AY3600000
4-(BIS(2-CHLOROETHYL)AMINO)-L-PHENYLALANINE see: AY3675000
p-N-BIS(2-CHLOROETHYL)AMINO-L-PHENYLALANINE see: AY3675000
3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-L-ALANINE see: AY3675000
DL-3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ALANINE see: AY3600000
L-3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ALANINE see: AY3675000
L-3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ALANINE MONOHYDROCHLORIDE see: AY4025000
gamma-(p-BIS(2-CHLOROETHYL)AMINOPHENYL)BUTYRIC ACID see: ES7525000
4(p-BIS(beta-CHLOROETHYL)AMINOPHENYL)BUTYRIC ACID see: ES7525000
4-(o-(BIS(2-CHLOROETHYL)AMINO)PHENYL)BUTYRIC ACID see: ES7525000
2-(p-BIS(2-(CHLOROETHYL)AMINO)PHENYL)-m-DIOXANE see: JG8246200
2-(p-BIS(2-CHLOROETHYL)AMINOPHENYL)-1,3,2-DITHIARSENOLANE see: JO5650000
2-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-N-ETHYLACETAMIDE see: AB4549190
p-(BIS(2-CHLOROETHYL)AMINO)PHENYL p-METHYLBENZOATE see: SJ7781000
5-(4-BIS(2-CHLOROETHYL)AMINOPHENYL)PENTANOIC ACID see: YV6191300
3-(p-BIS(2-CHLOROETHYL)AMINO)PHENYL)PROPIONIC ACID see: MW5095000
5-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)VALERIC ACID see: YV6191300
N,N-BIS(beta-CHLOROETHYL)-AMINO-N',O-PROPYLENE-PHOSPHORIC ACID ESTER DIAMIDE see: RP60500001,3,2-OXAZAPHOSPHORINE, 3-(2-CHLOROETHYL)-2-((2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE
(((3-(BIS(2-CHLOROETHYL)AMINO)PROPYL)IMINO)DIACETATO)CUPRATE(2-) HYDROCHLORIDE see: GS2168550
5-(BIS(2-CHLOROETHYL)AMINO)-2,4(1H,3H)PYRIMIDINEDIONE see: YQ8925000
2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDROOXAZAPHOSPHORINE CYCLOHEXYLAMINE SALT see: RP5945000
(BIS(CHLORO-2-ETHYL)AMINO)-2-TETRAHYDRO-3,4,5,6-OXAZAPHOSPHORINE-1,3,2-OXIDE-2 HYDRATE see: RP5950000
2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO(2H)-1,3,2-OXAZAPHOSPHORINE 2-OXIDE MONOHYDRATE see: RP5950000
3-BIS(2-CHLOROETHYL)AMINO-p-TOLUIC ACID see: XU1594000

5-N,N-BIS(2-CHLOROETHYL)AMINOURACIL see: YQ8925000
5-(BIS(2-CHLOROETHYL)AMIN:O)URACIL see: YQ8925000
N,N-BIS(2-CHLOROETHYL)ANILINE see: BW8225000
N,N-BIS(2-CHLOROETHYL)-p ARSANILIC ACID see: CF8950000
N,N-BIS(2-CHLOROETHYL)BENZENAMINE see: BW8225000
N,N'-BIS(beta-CHLOROETHYL)-4,4'-BIPIPERIDINE see: DW0875000
1,1'-BIS(2-CHLOROETHYL)-4,4'-BIPIPERIDINE see: DW0875000
N,N'-BIS(2-CHLOROETHYL)-N,N'-BIS(CARBAMOYLMETHYL)ETHYLENEDIAMINE DIPICRATE see: AB8745000
N,N-BIS(2-CHLOROETHYL)-N,N'-BIS(CARBOXYMETHYL)ETHYLENEDIAMINE see: MC0491000
N,N-BIS(2-CHLOROETHYL)-N',N'-BIS(CARBOXYMETHYL)ETHYLENEDIAMINE DIHYDROCHLORIDE see: AF5458000
N,N-BIS(2-CHLOROETHYL)-N',N'-BIS(CARBOXYMETHYL)TRIMETHYLENEDIAMINE DIPICRATE see: MC1143000
N,N'-BIS(2-CHLOROETHYL)-N,N'-BIS(2-CYANOETHYL)ETHYLENEDIAMINE HYDROCHLORIDE see: MC1800000
N,N-BIS(2-CHLOROETHYL)-m-BROMOBENZYLAMINE see: DP1576000
N,N-BIS(2-CHLOROETHYL)-o-BROMOBENZYLAMINE see: DP1576200
N,N-BIS(2-CHLOROETHYL)-p-BROMOBENZYLAMINE see: DP1576400
N,N-BIS(2-CHLOROETHYL)-p-BUTOXYANILINE see: BW8300000
N,N-BIS(2-CHLOROETHYL)-m-CHLOROBENZYLAMINE see: DP1578000
N,N-BIS(2-CHLOROETHYL)-o-CHLOROBENZYLAMINE see: DP1578200
N,N-BIS(2-CHLOROETHYL)-p-CHLOROBENZYLAMINE see: DP1578400
O,O-BIS(2-CHLOROETHYL) O-(3-CHLORO-4-METHYL-7-COUMARINYL) PHOSPHATE see: GN5250000
N,N-BIS(2-CHLOROETHYL)-2-CHLORO-10H-PHENOTHIAZINE-10-CARBOXAMIDE see: SN7267100
2,3-(N,N(sup 1)-BIS(2-CHLOROETHYL)DIAMIDO-1,3,2-OXAZAPHOSPHORIDINOXYD see: RP6050000
N,N-BIS(2-CHLOROETHYL)-2,3-DIMETHOXYANILINE see: BW8400000
1,1-BIS(2-CHLOROETHYL)-2,2-DIMETHYLHYDRAZINE HYDROCHLORIDE see: MV0590000
BIS(alpha-CHLOROETHYL) ETHER see: KN0700000
BIS(beta-CHLOROETHYL) ETHER see: KN0875000
BIS(2-CHLOROETHYL) ETHER see: KN0875000
N,N-BIS-(2-CHLOROETHYL)-p-ETHOXYPHENETHYLAMINE see: SH0262000
N,N-BIS(2-CHLOROETHYL)-m-FLUOROBENZYLAMINE see: DP1582000
N,N-BIS(2-CHLOROETHYL)-o-FLUOROBENZYLAMINE see: DP1582100
N,N-BIS(2-CHLOROETHYL)-p-FLUOROBENZYLAMINE see: DP1582200
BIS(beta-CHLOROETHYL)FORMAL see: PA3675000
BIS(2-CHLOROETHYL)FORMAL see: PA3675000
N,N-BIS(2-CHLOROETHYL)-p-HEXYLOXYANILINE see: BW8523000
N,N-BIS(2-CHLOROETHYL)-N'-(3-HYDROXYPROPYL)PHOSPHORODIAMIDATE, CYCLOHEXYLAMMONIUM SALT see: RP5945000
N,N-BIS(2-CHLOROETHYL)-N'-(3-HYDROXYPROPYL)PHOSPHORODIAMIDIC ACID intramol ESTER HYDRATE see: RP5950000
N,N-BIS(2-CHLOROETHYL)-m-IODOBENZYLAMINE see: DP1588300
N,N-BIS(2-CHLOROETHYL)-o-IODOBENZYLAMINE see: DP1588400
N,N-BIS(2-CHLOROETHYL)-p-IODOBENZYLAMINE see: DP1588500
2,2-BIS(2-CHLOROETHYL)ISOXAZOLIDINIUM CHLORIDE see: NY2965000
2,2-BIS(2-CHLOROETHYL)ISOXAZOLIDINIUM IODIDE see: NY2970000
N,N-BIS,(2-CHLOROETHYL)-2-METHOXY-10H-PHENOTHIAZINE-10-CARBOXAMIDE see: SN7267300
BIS(beta-CHLOROETHYL)METHYLAMINE see: IA1750000
BIS(2-CHLOROETHYL)METHYLAMINE see: IA1750000
N,N-BIS(2-CHLOROETHYL)METHYLAMINE see: IA1750000
BIS(2-CHLOROETHYL)METHYLAMINE HYDROCHLORIDE see: IA2100000
N,N-BIS(2-CHLOROETHYL)-2-METHYLBENZENEMETHANAMINE see: DP1591500
N,N-BIS(2-CHLOROETHYL)-m-METHYLBENZYLAMINE see: DP1591000
N,N-BIS(2-CHLOROETHYL)-o-METHYLBENZYLAMINE see: DP1591500
N,N-BIS(2-CHLOROETHYL)-p-METHYLBENZYLAMINE see: DP1592000
1,1-BIS-(2-CHLOROETHYL)-3-METHYL-3-NITROSOUREA see: YS2585000
N,N-BIS(2-CHLOROETHYL)-2-METHYL-1-PROPYLAMINE HYDROCHLORIDE see: UH9875000
BIS(2-CHLOROETHYL)-beta-NAPHTHYLAMINE see: QM2450000
N,N-BIS(2-CHLOROETHYL)-2-NAPHTHYLAMINE see: QM2450000
BIS(2-CHLOROETHYL)NITROSOAMINE see: IA2400000
BISCHLOROETHYLNITROSOUREA see: YS2625000
BIS(2-CHLOROETHYL)NITROSOUREA see: YS2625000
N,N'-BIS(2-CHLOROETHYL)-N-NITROSOUREA see: YS2625000
1,3-BIS(beta-CHLOROETHYL)-1-NITROSOUREA see: YS2625000
1,3-BIS-(2-CHLOROETHYL)-1-NITROSOUREA see: YS2625000
1,3-BIS(2-CHLOROETHYL)-1-NITROSOUREA-DIPHENYLMETHANE see: YT2050000
N,N-BIS(2-CHLOROETHYL)-p-PHENETIDINE see: SI7011000
N,N-BIS(2-CHLOROETHYL)-10H-PHENOTHIAZINE-10-CARBOXAMIDE see: SN7267000
BIS(2-CHLOROETHYL)PHOSPHORAMIDE-CYCLIC PROPANOLAMIDE ESTER see: RP5950000
BIS(2-CHLOROETHYL)PHOSPHORAMIDE CYCLIC PROPANOLAMIDE ESTER MONOHYDRATE see: RP5950000
N,N-BIS(2-CHLOROETHYL)PHOSPHORODIAMIDIC ACID, CYCLOHEXYLAMMONIUM SALT see: TD2530000
N,N-BIS(2-beta-CHLOROETHYL)-N',O-PROPYLENEPHOSPHORIC ACID ESTER AMIDE MONOHYDRATE see: RP5950000
N,N-BIS(2-CHLOROETHYL)-N',O-PROPYLENEPHOSPHORIC ACID ESTER DIAMIDE see: RP5950000
N,N-BIS(beta-CHLOROETHYL)-N',O-PROPYLENE PHOSPHORIC ACID ESTER DIAMIDE MONOHYDRATE see: RP5950000
BIS(beta-CHLOROETHYL)SULFIDE see: WQ0900000
BIS(2-CHLOROETHYL)SULFIDE see: WQ0900000
1,2-BIS((2-CHLOROETHYL)SULFONYL)ETHANE see: KH5250000
BIS(2-CHLOROETHYL)SULPHIDE see: WQ0900000
N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-2H-1,3,2-OXAPHOSPHORIN-2-AMINE, 2-OXIDE MONOHYDRATE see: RP5950000
N,N-BIS(2-CHLOROETHYL)-TETRAHYDRO-4,4,6,6-d4-2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE 2-OXIDE see: RP5788670
N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-4-d-2H-1,3,2-OXAZAPHOSPHORIN-4-d-2-AMINE 2-OXIDE see: RP5788675
N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-5-d-2H-1,3,2-OXAZAPHOSPHORIN-5-d-2-AMINE 2-OXIDE see: RP5788680
N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE 2-OXIDE see: RP60500001,3,2-OXAZAPHOSPHORINE, 3-(2-CHLOROETHYL)-2-((2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE
5-(3,3-BIS(2-CHLOROETHYL)-1-TRIAZENO)IMIDAZOLE-4-CARBOXAMIDE see: NI3930000
N,N-BIS(beta-CHLOROETHYL)-N',O-TRIMETHYLENEPHOSPHORIC ACID ESTER DIAMIDE see: RP5950000
BIS(beta-CHLOROETHYL)VINYL PHOSPHONATE see: TA1000000
BIS(5-CHLORO-2-HYDROXYPHENYL)METHANE see: SM0175000
1,2-BIS(gamma-CHLORO-beta-HYDROXYPROPYLAMINO)ETHANE see: UB5602000
1,2-BIS-(gamma-CHLORO-beta-HYDROXYPROPYLAMINO)ETHANE DIHYDROCHLORIDE see: UB5603000
N(sup 1),N(sup 4)-BIS-(gamma-CHLORO-beta-HYDROXYPROPYL)HEXAHYDRO-1,4-DIAZEPINE see: HM3803000
N(sup 1),N(sup 2)-BIS-(gamma-CHLORO-beta-HYDROXYPROPYL)-1,2-PHENYLENEDIAMINE see: UB9280000
BIS(2 CHLOROISOPROPYL) ETHER see: KN1750000
BIS-1,2-(CHLOROMETHOXY-ETHANE see: KH5450000
1,4-BIS(CHLOROMETHOXYMETHYL)BENZENE see: CY8420000
BIS-1,4-(CHLOROMETHOXY)-p-XYLENE see: CY8420000
9,10-BIS(CHLOROMETHYL)ANTHRACENE see: CA9365000
BIS(CHLOROMETHYL)BENZENE see: ZE4055000 XYLENE, alpha,alpha'-DICHLORO-
alpha,alpha'-BIS(CHLOROMETHYL)-1H-1,5-BENZODIAZEPINE-1,5-DIETHANOL see: DE9482000
alpha,alpha'-BIS(CHLOROMETHYL)-1H-1,4-DIAZEPINE-1,4-DIETHANOL see: HM3803000
BIS(CHLOROMETHYL) ETHER see: KN1575000
BIS(2-CHLORO-1-METHYLETHYL) ETHER see: KN1750000
BIS(2-CHLORO-1-METHYLETHYL)ETHER mixed with 2-CHLORO-1-METHYLETHYL-(2-CHLOROPROPYL) ETHER see: KN1770000
BIS(CHLOROMETHYL)KETONE see: UC1430000
3,3-BIS(CHLOROMETHYL)OXETANE see: RQ6826000 OXETANE, 3,3-BIS(CHLOROMETHYL)-
1,3-BIS(CHLOROMETHYL)-1,1,3,3-TETRAMETHYLDISILAZANE see: JM9210000
BIS(p-CHLOROPHENOXY)METHANE see: PA3890000
BIS (p-CHLOROPHENOXYMETHYL)-2,2 PROPANEDIOL-1,3 (French) see: TY3336500
2,2-BIS((p-CHLOROPHENOXY)METHYL)-1,3-PROPANEDIOL see: TY3336500
BIS(2-(p-CHLOROPHENOXY)-2-METHYLPROPIONATO)HYDROXYALUMINUM see: BD0348000
O,O-BIS(p-CHLOROPHENYL)ACETIMIDOYLPHOSPHORAMIDOTHIOATE see: TB4725000
1,6-BIS(5-(p-CHLOROPHENYL)BIGUANDINO)HEXANE see: DU1925000
1,6-BIS(5-(p-CHLOROPHENYL)BIGUANDINO)HEXANE DIACETATE see: DU1930000
1,1-BIS(3-CHLORO-4-PHENYL-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4570000
1,1-BIS(p-CHLOROPHENYL)-2-CHLORO-1,2-EPOXYETHANE see: KH5483000
1,1-BIS(p-CHLOROPHENYL)-2,2-DICHLOROETHANE see: KI0700000
1,1-BIS(4-CHLOROPHENYL)-2,2-DICHLOROETHANE see: KI0700000
2,2-BIS(p-CHLOROPHENYL)-1,1-DICHLOROETHANE see: KI0700000
2,2-BIS(4-CHLOROPHENYL)-1,1-DICHLOROETHANE see: KI0700000
2,2-BIS(p-CHLOROPHENYL)-1,1-DICHLOROETHYLENE see: KV9450000
1,6-BIS(p-CHLOROPHENYLDIGUANIDO)HEXANE see: DU1925000
1,1-BIS(p-CHLOROPHENYL)ETHANOL see: DC7875000
1,1-BIS(4-CHLOROPHENYL)ETHANOL see: DC7875000
5,6-BIS-(p-CHLOROPHENYL)-3-METHOXY-as-TRIAZINE see: XY3327000
BIS(p-CHLOROPHENYL)METHYL CARBINOL see: DC7875000
1,1-BIS(p-CHLOROPHENYL)METHYLCARBINOL see: DC7875000
4-(BIS(p-CHLOROPHENYL)METHYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3005000
1-(BIS(p-CHLOROPHENYL)METHYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE see: TK8930000
5,6-BIS(p-CHLOROPHENYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY3329000
1,1-BIS(p-CHLOROPHENYL)-2-NITROBUTANE see: EJ4900000
1,1-BIS(p-CHLOROPHENYL)-2-NITROPROPANE see: TX3675000
1,1-BIS(p-CHLOROPHENYL)-2-NITROPROPANE mixed with 1,1-BIS(p-CHLOROPHENYL)-2-NITROBUTANE(1:2) see: TX3695000
BIS(m-CHLOROPHENYL)PHOSPHINIC ACID see: SZ4368100
BIS(o-CHLOROPHENYL)PHOSPHINIC ACID see: SZ4368200
BIS(p-CHLOROPHENYL)PHOSPHINIC ACID see: SZ4368300
1,3-BIS((4-(2-CHLOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYLINDOLIZINE see: NM2256000INDOLIZINE, 1,3-BIS((4-(2-CHLOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYL-
1,3-BIS((4-(3-CHLOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYLINDOLIZINE see: NM2256300INDOLIZINE, 1,3-BIS((4-(3-CHLOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYL-
1,3-BIS((4-(4-CHLOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYLINDOLIZINE see: NM2256500INDOLIZINE, 1,3-BIS((4-(4-CHLOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYL-
alpha,alpha-BIS(4-CHLOROPHENYL)-3-PYRIDINEMETHANOL see: UT4725000
BIS(4-CHLOROPHENYL)-3-PYRIDYLMETHANOL see: UT4725000
BIS(p-CHLOROPHENYLTHIO)DIMETHYLTIN see: WH6714300
alpha,alpha-BIS(p-CHLOROPHENYL)-beta,beta,beta-TRICHLOROETHANE see: KJ3325000
1,1-BIS-(p-CHLOROPHENYL)-2,2,2-TRICHLOROETHANE see: KJ3325000
2,2-BIS(o,p-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE see: KH7910000
2,2-BIS(p-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE see: KJ3325000
1,1-BIS(p-CHLOROPHENYL)-2,2,2-TRICHLOROETHANOL see: DC8400000
1,1-BIS(4-CHLOROPHENYL)-2,2,2-TRICHLOROETHANOL see: DC8400000
3,6-BIS(5-CHLORO-2-PIPERIDYL)-2,5-PIPERAZINEDIONE DIHYDROCHLORIDE see: TL6375000
N,N-BIS-(2-CHLOROPROPYL)AMINE HYDROCHLORIDE see: JI9626000
3-(BIS(2-CHLOROPROPYL)AMINO)-p-TOLUIC ACID see: XU1637000
1,7-BIS(CHLOROTETRAMETHYLPHENYL)-1,7-DICARBADODECABORANE (12) see: HS9295000
1,1-BIS(3-CHLORO-4-(p-TOLYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4580000
BIS(2-CHLOROVINYL)CHLOROARSINE see: CG8350000
5-(BIS-(2-CLOROETIL)-AMINO)-6-METILURACILE (Italian) see: YQ9000000
BIS-CME see: KN1575000
BIS-CONRAY see: LZ4365000
BIS(CUMENE)CHROMIUM see: GB5800000
BIS(pi-CUMENE)CHROMIUM see: GB5800000
BIS(beta-CYANOETHYL)AMINE see: UG2975000
BIS-(2-CYANOETHYL)AMINE see: UG2975000
N,N-BIS(2-CYANOETHYL)AMINE see: UG2975000
N,N'-BIS-CYCLOETHYLENECARBAMYL-2,4-DIAMINOCHLOROBENZENE see: CM6751500
N,N'-BIS-CYCLOETHYLENECARBAMYL-2,4-DIAMINOTOLUENE see: CM6771500
N,N'-BIS-CYCLOETHYLENE UREA see: OB1229300
N,N'-BIS(3-CYCLOHEPTYLOXY-2-HYDROXYPROPYL)AMINE see: UB6581000 2-PROPANOL, 1,1'-IMINOBIS(3-(CYCLOHEPTYLOXY)-
N,N'-BIS(CYCLOHEXYL)-N-NITROSOUREA see: YS9295000
N,N'-BIS(3-CYCLOHEXYLOXY-2-HYDROXYPROPYL)AMINE see: UB6582000 2-PROPANOL, 1,1'-IMINOBIS(3-(CYCLOHEXYLOXY)-
N,N'-BIS(3-CYCLOOCTYLOXY-2-HYDROXYPROPYL)AMINE see: UB6583000 2-PROPANOL, 1,1'-IMINOBIS(3-(CYCLOOCTYLOXY)-
BIS-CYCLOPENTADIENE see: LC1050000
BIS(CYCLOPENTADIENYL)COBALT see: GG0350000
BIS-CYCLOPENTADIENYLIRON see: LK0700000
cis-BIS(CYCLOPENTYLAMMINE)PLATINUM(II) see: TP2210000
N,N'-BIS(3-CYCLOPENTYLOXY-2-HYDROXYPROPYL)AMINE see: UB6584000 2-PROPANOL, 1,1'-IMINOBIS(3-(CYCLOPENTYLOXY)-
cis-BIS(CYCLOPROPYLAMMINE)DICHLOROPLATINUM(II) see: TP2215000
BIS(L-CYSTEINATO)MERCURY see: OV7354000
BIS(L-CYSTINATO)COBALTATE(2-) see: GF9270000
BIS-DEAE-FLUORENONE HYDROCHLORIDE see: LL9000000
BIS(DECANOYLOXY)DI-n-BUTYLSTANNANE see: WH6714310
BISDEHYDRODOISYNOLIC ACID 7-METHYL ETHER see: VS3050000
dl-cis-BISDEHYDRODOISYNOLIC ACID METHYL ETHER see: VS3040000
BISDEHYDROISYNOLIC ACID METHYL ESTER see: SF7300000
BIS(DIALKYLPHOSPHINOTHIOYL) DISULFIDES see: JO1050000
BIS-DIAMINE see: AC6800000
BISDIAMINE see: XF6828500
BIS(2,3-DIBROMOPROPYL)PHOSPHATE see: UB0250000
BIS(2,3-DIBROMOPROPYL)PHOSPHATE AMMONIUM SALT see: UB0252000
BIS(2,3-DIBROMOPROPYL)PHOSPHATE, MAGNESIUM SALT see: TB7450000
BIS(DIBROMOSALICYL)FUMARATE see: VO2402000
BIS(DIBROMOSALICYL)SUCCINATE see: VO2410000
BIS(DIBUTYLACETOXYTIN)OXIDE see: JN8740000
BIS(DI-n-BUTYLAMINO-n-PROPYL) 4,4'-DIBENZYLDICARBOXYLATE HYDROCHLORIDE see: EC0874500

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

BIS(DI-n-BUTYLAMINO-n-PROPYL) 4,4'-DIPHENYLDICARBOXYLATE HYDROCHLORIDE see: DV3170000
BIS(DI-n-BUTYLAMINO-n-PROPYL) TEREPHTHALATE HYDROCHLORIDE see: WZ0883100
BIS(DIBUTYLAMMONIUM)HEXACHLOROSTANNATE see: HR8110000
BIS(DIBUTYLDITHIOCARBAMATO)DIBENZYLSTANNANE see: WH6714330
BIS(DIBUTYLDITHIOCARBAMATO)DIMETHYLSTANNANE see: WH6714370
BIS(DIBUTYLDITHIOCARBAMATO)NICKEL see: QR6140000
BIS(DIBUTYLDITHIOCARBAMATO)ZINC see: ZH0175000
2,2-BIS-DI-tert-BUTYLPEROXYBUTANE see: EK3541000
BIS(DICHLOROACETYL)DIAMINE see: MV0640000
N,N'-BIS(DICHLOROACETYL)-1,8-DIAMINOOCTANE see: AC6800000
N,N'-BIS(DICHLOROACETYL)-N,N'-DIETHYL-1,6-HEXANEDIAMINE see: AC2976500
N,N'-BIS(DICHLOROACETYL)-N,N'-DIETHYL-1,4-XYLYLENEDIAMINE see: AC7732000
1,2-BIS(DICHLOROACETYL)HYDRAZINE see: MV0640000
N,N'-BIS(DICHLOROACETYL)-1,8-OCTAMETHYLENEDIAMINE see: AC6800000
N,N-BIS(DICHLOROACETYL)-1,8-OCTANEDIAMINE see: AC6800000
N,N'-BIS(DICHLOROACETYL)-1,8-OCTANEDIAMINE see: AC6800000
BIS(2,4-DICHLOROBENZOYL)PEROXIDE see: SD7880000
trans-1,4-BIS(2-DICHLOROBENZYLAMINOETHYL)CYCLOHEXANE DICHLORHYDRATE (French) see: GU7025000
BIS(1,2-DICHLOROETHYL)SULFONE see: WR4025000
BIS(3,4-DICHLORO-2(5-FURANONYL) ETHER see: LU5160000
BIS(3,4-DICHLOROFURANON-5-YL-2) ETHER see: LU5160000
BIS(2,4-DICHLOROPHENOXYETHYL)PHOSPHITE mixed with TRIS(2,4-DICHLOROPHENOXYETHYL)PHOSPHITE see: TG6150000
5,6-BIS(3,4-DICHLOROPHENYL)-3-METHOXY-as-TRIAZINE see: XY3337000
5,6-BIS(3,4-DICHLOROPHENYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY3339000
BIS(2,5-DICHLOROPHENYL)PHOSPHINIC ACID see: SZ4370000
2,6-BIS(DIETHANOLAMINO)-4,8-DIPIPERIDINOPYRIMIDO(5,4-d)PYRIMIDINE see: KK7450000
2,6-BIS(DIETHANOLAMINO)-4-PIPERIDINOPYRIMIDO(5,4-d)PYRIMIDINE see: KM2675000
BIS(2,2-DIETHOXYETHYL)DISELENIDE see: JM9151000
BIS(S-(DIETHOXYPHOSPHINOTHIOYL)MERCAPTO)METHANE see: TE4550000
alpha,alpha'-BIS(DIETHYLAMINO)-5,5'-DIALLYL-m,m'-BITOLYL-4,4'-DIOL DIHYDROCHLORIDE see: EC1210000
1,2-BIS(4'-DIETHYLAMINO-1',3'-DIOXOLANYL-2')ETHANE DIMETHIODIDE see: BQ4313000
2,7-BIS(2-(DIETHYLAMINO)ETHOXY)-FLUOREN-9-ONE DIHYDROCHLORIDE see: LL9000000
BIS(DIETHYLAMINOETHYL) 4,4'-DIBENZYLDICARBOXYLATE HYDROCHLORIDE see: EC0874550
N,N-BIS(2-DIETHYLAMINOETHYL)-N',N'-DIETHYL-1,3-PROPANEDIAMINE TRIHYDROCHLORIDE see: TX7032100
BIS(DIETHYLAMINOETHYL) 4,4'-DIPHENYLDICARBOXYLATE HYDROCHLORIDE see: DV3172000
BIS(DIETHYLAMINOETHYL) 4,4'-DIPHENYLMETHANEDICARBOXYLATE HYDROCHLORIDE see: DH3848000
BIS(DIETHYLAMINOETHYL) 4,4'-DIPHENYL-1,3-PROPANEDICARBOXYLATE HYDROCHLORIDE see: DI0894500
N,N'-BIS(2-DIETHYLAMINOETHYL)OXAMIDE BIS(2-CHLOROBENZYL CHLORIDE) see: BR9808000
BIS(2-DIETHYLAMINOETHYL)PHTHALATE HYDROCHLORIDE see: TI0190000 PHTHALIC ACID, BIS(2-DIETHYLAMINOETHYL) ESTER, HYDROCHLORIDE
1,4-BIS(2-(DIETHYLAMINO)ETHYL)PIPERAZINE see: TK9120000
BIS(DIETHYLAMINOETHYL) TEREPHTHALATE HYDROCHLORIDE see: WZ0883200
1,3-BIS(DIETHYLAMINO)-2-(alpha-PHENYL-alpha-CYCLOHEXYLMETHYL)PROPANE HYDROCHLORIDE see: TX7150000
alpha,alpha'-BIS(3-(DIETHYLAMINO)PROPYL)-9H-XANTHENE-2,7-DIMETHANOL see: ZD5703800
BIS(DIETHYLAMINO)THIOXOMETHYL)DISULPHIDE see: JO1225000
BIS(DIETHYLDITHIOCARBAMATO)CADMIUM see: EU9850000
BIS(DIETHYLDITHIOCARBAMATO)ZINC see: ZH0350000
1,4-BIS(N,N'-DIETHYLENE PHOSPHAMIDE)PIPERAZINE see: SZ1300000
BIS(O,O-DIETHYLPHOSPHINOTHIOYL)DISULPHIDE see: JO1049000
BIS-O,O-DIETHYLPHOSPHORIC ANHYDRIDE see: UX6825000
BIS-O,O-DIETHYLPHOSPHOROTHIOMIC ANHYDRIDE see: XN4375000
BIS(DIETHYLTHIOCARBAMOYL) DISULFIDE see: JO1225000
BIS(N,N-DIETHYLTHIOCARBAMOYL) DISULFIDE see: JO1225000
BIS(DIETHYLTHIOCARBAMOYL)DISULPHIDE see: JO1225000
BIS(N,N-DIETHYLTHIOCARBAMOYL)DISULPHIDE see: JO1225000
BIS(DIETHYLTHIOCARBAMOYL)DISULFIDE mixed with SODIUM NITRITE see: JO1225100
BIS(DIETHYLTHIO)CHLOROMETHYL PHOSPHONATE see: TA4250000
BISDIETILAMIDE DELL'ACIDO SUCCINICO (Italian) see: WM4100000
2,2-BISDIHYDROXYMETHYL-1,3-PROPANEDIOL TETRANITRATE see: PZ6200000
5,6-BIS(3,4-DIMETHOXYPHENYL)-3-METHOXY-as-TRIAZINE see: XY3460000
5,6-BIS(3,4-DIMETHOXYPHENYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY3465000
BIS(DIMETHYLAMIDO)FLUOROPHOSPHATE see: TD4025000
BIS(DIMETHYLAMIDO)-PHOSPHORYL FLUORIDE see: TD4025000
2,8-BISDIMETHYLAMINOACRIDINE see: AR7600000
3,6-BIS(DIMETHYLAMINO)ACRIDINE see: AR7600000
BIS(DIMETHYLAMINO)-3-AMINO-5-PHENYLTRIAZOLYL PHOSPHINE OXIDE see: TA1400000
4,4'-BIS(DIMETHYLAMINO)AZOBENZENE see: BW7449000
4,4'-BIS(DIMETHYLAMINO)-BENZHYDRYLIDENIMINE HYDROCHLORIDE see: BY3675000
4,4'-BIS(DIMETHYLAMINO)BENZOPHENONE see: DJ0250000
p,p'-BIS(N,N-DIMETHYLAMINO)BENZOPHENONE see: DJ0250000
4,4'-BIS(DIMETHYLAMINO)-BENZOPHENONE-IMINE HYDROCHLORIDE see: BY3675000
BIS((DIMETHYLAMINO)CARBONOTHIOYL) DISULPHIDE see: JO1400000
alpha,5-BIS(DIMETHYLAMINO)-o-CRESOL METHYLCARBAMATE (ester) DIHYDROCHLORIDE see: OO6862000
1,2-BIS(4'-DIMETHYLAMINO-1',3'-DIOXOLANYL-2')ETHANE see: JI3550000
1,2-BIS(4'-DIMETHYLAMINO-1',3'-DIOXOLANYL-2')ETHANE DIMETHIODIDE see: BQ4313500
1,2-BIS(4'-DIMETHYLAMINO-1',3'-DIOXOLANYL-2')ETHYLENE DIMETHIODIDE see: BT5220000
p,p'-BIS(DIMETHYLAMINO)DIPHENYLMETHANE see: BY5250000
4,4'-BIS(DIMETHYLAMINO)DIPHENYLMETHANE see: BY5250000
3,5-BIS-DIMETHYLAMINO-1,2,4-DITHIAZOLIUM CHLORIDE see: JO6826000
1,2-BIS-(DIMETHYLAMINO)ETHANE see: KV7175000
1,2-BIS-(DIMETHYLAMINO)-ETHANE (DOT) see: KV7175000
1,3-BIS(2-DIMETHYLAMINOETHOXYCARBONYLMETHYL)-5-ETHYL-5-PHENYLBARBITURIC ACID 2HCl HYDRATE see: UV8139250 1,3(2H,4H)-PYRIMIDINEDIACETIC ACID, DIHYDRO-5-ETHYL-5-PHENYL-2,4,6-TRIOXO-,BIS(2-DIMETHYLAMINOETHYL) ESTER, DIHYDROCHLORIDE, HYDRATE
BIS(2-DIMETHYLAMINOETHOXY)ETHANE see: KM5600000
3,6-BIS(2-(DIMETHYLAMINO)ETHOXY)-9H-XANTHEN-9-ONE DIHYDROCHLORIDE see: ZD5735000
1,3-BIS(alpha-(2-DIMETHYLAMINOETHYL)BENZYL)-5-ETHYL-5-PHENYLBARBITURIC ACID DIHYDROBROMIDE see: CQ0548000 BARBITURIC ACID, 1,3-BIS(alpha-(2-DIMETHYLAMINOETHYL)BENZYL)-5-ETHYL-5-PHENYL-,DIHYDROBROMIDE
BIS(DIMETHYLAMINOETHYL) 4,4'-DIBENZYLDICARBOXYLATE HYDROCHLORIDE see: EC0874600
BIS(DIMETHYLAMINOETHYL) 4,4'-DIPHENYLDICARBOXYLATE HYDROCHLORIDE see: DV3174000
BIS(DIMETHYLAMINOETHYL) 4,4'-DIPHENYLMETHANEDICARBOXYLATE HYDROCHLORIDE see: DH3848300
BIS(DIMETHYLAMINOETHYL) 4,4'-DIPHENYL-1,3-PROPANEDICARBOXYLATE HYDROCHLORIDE see: DI0894600
BIS(DIMETHYLAMINOETHYL) TEREPHTHALATE HYDROCHLORIDE see: WZ0883300
BIS(2-DIMETHYLAMINOETHYL)ETHER see: KR9460000
BIS(2-DIMETHYLAMINOETHYL)SUCCINATE BIS(METHOCHLORIDE see: GA2360000
BIS(beta-DIMETHYLAMINOETHYL)SUCCINATE BIS(METHYLIODIDE) see: GA5250000
BIS(DIMETHYLAMINO)FLUOROPHOSPHATE see: TD4025000
BISDIMETHYLAMINOFLUOROPHOSPHINE OXIDE see: TD4025000
BIS(DIMETHYLAMINO)ISOPROPYLMETHACRYLATE see: OZ4170000 METHACRYLIC ACID, 2-(DIMETHYLAMINO)-1-((DIMETHYLAMINO)METHYL)ETHYL ESTER
3,3'-BIS(DIMETHYLAMINOMETHYL)BIS(5-INDOLYL) OXIDE DIMETHOSULFATE see: BR9974000
(BIS(DIMETHYLAMINO)METHYLENE)(2,6-DIETHYLPHENYL)UREA HYDROCHLORIDE see: YS2696000
(BIS(DIMETHYLAMINO)METHYLENE)(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YS2696500
(BIS(DIMETHYLAMINO)METHYLENE)(2-ETHYL-6-METHYLPHENYL)UREA HYDROCHLORIDE see: YS2697000
2,4-BIS(DIMETHYLAMINOMETHYL)-3-ETHOXYCARBONYL-5-HYDROXYBENZOFURAN DIHYDROCHLORIDE HYDRATE see: DF6490500
3,8-BIS(DIMETHYLAMINO)-5-METHYL-6-PHENYLPHENANTHRIDINIUM IODIDE see: SF7946000PHENANTHRIDINIUM, 3,8-BIS(DIMETHYLAMINO)-5-METHYL-6-PHENYL-, IODIDE
1,8-BIS(DIMETHYLAMINOMETHYL)-3H,6H-PYRROLO(3,2-e)INDOLE DIMETHIODIDE see: BP8210700
3,5-BIS(DIMETHYLAMINOMETHYL)-1H,7H-PYRROLO(3,2-f)INDOLE DIMETHIODIDE see: BP8210600
3,7-BIS(DIMETHYLAMINOMETHYL)-1H,5H-PYRROLO(2,3-f)INDOLE DIMETHIODIDE see: BP8210500
(BIS(DIMETHYLAMINO)METHYLENE)(2-METHOXY-6-METHYLPHENYL)UREA HYDROCHLORIDE see: YS2697500
1,3-BIS(4-DIMETHYLAMINO-2-OXOBUTYL)-5-ETHYL-5-PHENYLBARBITURIC ACID HCl HYDRATE (2:4:3) see: CQ0549000 BARBITURIC ACID, 1,3-BIS(4-DIMETHYLAMINO-2-OXOBUTYL)-5-ETHYL-5-PHENYL-,HYDROCHLORIDE, HYDRATE (2:4:3)
3,7-BIS-(DIMETHYLAMINO)-PHENAZATHIONIUM CHLORIDE see: SO5600000
2,4-BIS(DIMETHYLAMINO)PHENOL METHYLCARBAMATE (ester) HYDROCHLORIDE see: SJ7785400
2,5-BIS(DIMETHYLAMINO)PHENOL METHYLCARBAMATE (ester) HYDROCHLORIDE see: SJ7785500
3,7-BIS(DIMETHYLAMINO)PHENOTHIAZIN-5-IUM CHLORIDE see: SO5600000
BIS(p-(N,N-DIMETHYLAMINO)PHENYL)KETONE see: DJ0250000
BIS(p-DIMETHYLAMINOPHENYL)METHANE see: BY5250000
p,p'-BIS(N,N-DIMETHYLAMINOPHENYL)METHANE see: BY5250000
BIS(4-(N,N-DIMETHYLAMINO)PHENYL)METHANE see: BY5250000
BIS(p-(N,N-DIMETHYLAMINO)PHENYL)METHANE see: BY5250000
BIS(4-(DIMETHYLAMINO)PHENYL)METHANE see: BY5250000
BIS(4-(DIMETHYLAMINO)PHENYL)METHANONE see: DJ0250000
BIS(p-DIMETHYLAMINOPHENYL)METHYLENEIMINE see: BY3500000
1,1-BIS(p-DIMETHYLAMINOPHENYL)METHYLENIMINE HYDROCHLORIDE see: BY3675000
BIS(DIMETHYLAMINO)PHOSPHORIC ANHYDRIDE see: UX5950000
BIS(DIMETHYLAMINO)PHOSPHONOUS ANHYDRIDE see: UX5950000
3,6-BIS(DIMETHYLAMINO)THIOXANTHYLIUM see: XO1653000
(4,6-BIS(DIMETHYLAMINO)-s-TRIAZIN-2-YL)METHYLAMINO)METHANOL see: PC1910000
BIS(alpha-methyl-para-DIMETHYLBENZYL)PEROXIDE see: SD8150000
BIS(DIMETHYLCARBAMODITHIOATO)((1,2-ETHANEDIYLBIS(CARBAMODITHIOATO))(2-))ZINC see: ZH0380000
BIS(DIMETHYLCARBAMODITHIOATO-S,S')LEAD see: OF8850000
BIS(DIMETHYLCARBAMODITHIOATO-S,S')ZINC see: ZH0525000
BIS-DIMETHYLDITHIOCARBAMATE DE ZINC (French) see: ZH0525000
BIS(DIMETHYLDITHIOCARBAMATO)LEAD see: OF8850000
BIS(DIMETHYLDITHIOCARBAMATO)ZINC see: ZH0525000
N,N'-BIS(DIMETHYLDITHIOCARBAMOYL)ETHYLENEDIAMINE see: MX8407000
2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYLPHENOL see: GO7875000
2,6-BIS(1,1-DIMETHYLETHYL)-4-NITROPHENOL see: SK8400000
1,10-BIS(DIMETHYL beta-HYDROXYETHYLAMMONIUM)-n-DECAN-2,9-DIONE DICHLORIDE see: BQ8109000
2-((3,5-BIS(1,1-DIMETHYL)-4-HYDROXYPHENYL)METHYLENE)PROPANEDINITRILE see: OO3737000
1,1'-BIS(3,5-DIMETHYLMORPHOLINOCARBONYLMETHYL)-4,4'-BIPYRIDYLIUM DICHLORIDE see: UU2592000
1,1'-BIS(2-(3,5-DIMETHYL-4-MORPHOLINYL)-2-OXOETHYL)-4,4'-BIPYRIDINIUM DICHLORIDE see: UU2592000
11,11-BIS-((3,7-DIMETHYL-2,6-OCTADIENYL)OXY)-1-UNDECENE see: YQ2849400
N,N'-BIS(1,4-DIMETHYLPENTYL)-p-PHENYLENEDIAMINE see: SS8400000
2,5-BIS(1,1-DIMETHYLPROPYL)HYDROQUINONE see: MX6300000
1,3-BIS(N,N-DIMETHYL-2-PYRROLIDINIUM)PROPANONE DITODIDE see: UY4587000
BIS(DIMETHYL-THIOCARBAMOYL)-DISULFID (German) see: JO1400000
BIS(DIMETHYLTHIOCARBAMOYL) DISULFIDE see: JO1400000
BIS(DIMETHYLTHIOCARBAMOYL) DISULPHIDE see: JO1400000
BIS(DIMETHYLTHIOCARBAMOYL)SULFIDE see: WQ1750000
BIS(DIMETHYLTHIOCARBAMOYLTHIO)METHYL-ARSINE see: EZ9680000
BIS(DIMETHYLTHIOCARBAMYL) DISULFIDE see: JO1400000
BIS(DIMETHYLTHIOCARBAMYL) MONOSULFIDE see: WQ1750000
BIS(N,N-DIMETIL-DITIOCARBAMMATO) DI ZINCO (Italian) see: ZH0525000
BIS(beta-(N,N-DIMORPHOLINO)ETHYL)SELENIDE see: QE9470000 MORPHOLINE, 4,4'-SELENODIETHYLENEBIS-
BIS-(2,4-DINITROPHENYL)AMINE see: JK0186500
BIS(o-(1,3-DIOXOLAN-2-YL)PHENYL)DICHLOROTELLURIUM see: WY2626000
BIS(o-(1,3-DIOXOLAN-2-YL)PHENYL)TELLURIUM see: JI4285000
(+-)-1,2-BIS(3,5-DIOXOPIPERAZINE-1-YL)PROPANE see: TL6400000
BIS-O,O-DI-n-PROPYLPHOSPHOROTHIONIC ANHYDRIDE see: XN4550000
BIS-DITHANE see: ZH0380000
BIS(1,3-DITHIOCYANATO-1,1,3,3-TETRABUTYLDISTANNOXANE) see: JN8727000
BIS(DITHIOPHOSPHATE de O,O-DIETHYLE) de 5,5'-(1,4-DIOXANNE-2,3-DIYLE) (French) see: TE3350000
BIS(DODECYLOXYCARBONYLETHYL) SULFIDE see: UF8000000
BISECURIN II see: RC8945300
BIS(3,4-EPOXYBUTYL)ETHER see: KN2275000
BIS((3,4-EPOXYCYCLOHEXYL)METHYL)ADIPATE see: MQ1880550
BIS(2,3-EPOXYCYCLOPENTYL) ETHER see: RN9100000
BIS(2,3-EPOXYCYCLOPENTYL) ETHER mixed with DIGLYCIDYL ETHER of BISPHENOL A (1:1) see: RN9110000
m-BIS(2,3-EPOXYPROPOXY)BENZENE see: VH1050000
1,3-BIS(2,3-EPOXYPROPOXY)BENZENE see: VH1050000
1,3-BIS(2,3-EPOXYPROPOXY)-2,2-DIMETHYLPROPANE see: TX3760000
2,3-BIS(2,3-EPOXYPROPOXY)-1,4-DIOXANE see: JG9100000
N,N-BIS(2-(2,3-EPOXYPROPOXY)ETHOXY)ANILINE see: BW8700000
1,2-BIS(2-(2,3-EPOXYPROPOXY)ETHOXY)ETHANE see: XF0700000
N,N-BIS(2-(2,3-EPOXYPROPOXY)ETHYL)ANILINE see: BW8750000
2,2-BIS(p-(2,3-EPOXYPROPOXY)PHENYL)PROPANE mixed with 2,2'-OXYBIS(6-OXABICYCLO(3.1.0)HEXANE) see: RN9110000
BIS(2,3-EPOXYPROPYL)ANILINE see: BW8925000
N,N-BIS(2,3-EPOXYPROPYL)ANILINE see: BW8925000
1,1-BIS(2,3-EPOXYPROPYL)-4,4'-BIPIPERIDINE see: DW0900000
1,3-BIS(2,3-EPOXYPROPYL)-5,5-DIMETHYLHYDANTOIN see: MT9190500
2,2-BIS(4-(2,3-EPOXYPROPYLOXY)PHENYL)PROPANE see: TX3800000
BIS(EPOXYPROPYL)PHENYLAMINE see: BW8925000
BIS(2,6-(2,3-EPOXYPROPYL))PHENYL GLYCIDYL ETHER see: RN3150000
N,N-BIS(2,3-EPOXYPROPYL)-p-TOLUENESULFONAMIDE see: XT5600000
BISEPTOL see: UV8240000
S-(1,2-BIS(ETHOXY-CARBONYL)-ETHYL)-O,O-DIMETHYL-DITHIOFOSFAAT (Dutch) see: WM8400000
S-(1,2-BIS(ETHOXYCARBONYL)ETHYL)-O,O-DIMETHYL PHOSPHORODITHIOATE see: WM8400000
S-1,2-BIS(ETHOXYCARBONYL)ETHYL-O,O-DIMETHYL THIOPHOSPHATE see: WM8400000
1,2-BIS-(3-ETHOXYCARBONYL-THIOUREIDO)-BENZENE see: BA3650000
1,2-BIS(3-ETHOXYCARBONYL-2-THIOUREIDO) BENZENE see: BA3650000

BIS(2-ETHOXYETHYL)ETHER see: KN3160000
BIS(2-ETHOXYETHYL)NITROSOAMINE see: IA2740000
N,N'-BIS(p-ETHOXYPHENYL)ACETAMIDINE see: AD0350000
N',N'(sup 2)-BIS(p-ETHOXYPHENYL)ACETAMIDINE see: AD0350000
N,N'-BIS(p-ETHOXYPHENYL)ACETAMIDINE HYDROCHLORIDE see: AD0525000
2,4-BIS(ETHYLAMINO)-6-CHLORO-s-TRIAZINE see: XY5250000
2,4-BIS(ETHYLAMINO)-6-METHOXY-s-TRIAZINE see: XY3850000
2,6-BIS(ETHYLAMINO)-2-METHOXY-s-TRIAZINE see: XY3850000
2,4-BIS(ETHYLAMINO)-6-METHYLMERCAPTO-s-TRIAZINE see: XY4025000
2,4-BIS(ETHYLAMINO)-6-(METHYLTHIO)-s-TRIAZINE see: XY4025000
2,6-BIS(ETHYLAMINO)-2-METHYLTHIO-1,3,5-TRIAZINE see: XY4025000
1,4-BIS(N-ETHYLANILINO)-5,8-DIHYDROXYANTHRAQUINONE see: CB5745450
N,N'-BIS(ETHYLENE)-P-(1-ADAMANTYL)PHOSPHONIC DIAMIDE see: SY9299000
2,5-BIS(ETHYLENEIMINO)-3,6-DIPROPOXY-1,4-BENZOQUINONE see: DK3327000
2,4-BIS-ETHYLENEIMINO-6-ETHOXYPYRIMIDINE see: UV7073000
2,4-BIS-ETHYLENEIMINO-6-ETHOXY-1,3,5-TRIAZINE see: XY3322100
2,4-BIS-ETHYLENEIMINO-6-ISOPROPOXYPYRIMIDINE see: UV7074000
2,4-BIS-ETHYLENEIMINO-6-ISOPROPOXY-1,3,5-TRIAZINE see: XY3322200
2,4-BIS-ETHYLENEIMINO-6-METHOXYPYRIMIDINE see: UV7076000
4,6-BIS-ETHYLENEIMINO-2-beta-NAPHTHYLPYRIMIDINE see: UV7078000
4,6-BIS-ETHYLENEIMINO-2-PHENYLPYRIMIDINE see: UV7080000
m-BIS(ETHYLENEIMINOSULPHONYL)BENZENE see: CM8330000
omega,omega'-BIS-(ETHYLENEIMINOSULPHONYL)BUTANE see: CM8873000
1,5-BIS-(ETHYLENEIMINOSULPHONYL)NAPHTHALENE see: CM8226000
2,7-BIS-(ETHYLENEIMINOSULPHONYL)NAPHTHALENE see: CM8226200
omega,omega'-BIS-(ETHYLENEIMINOSULPHONYL)OCTANE see: CM8290000
omega,omega'-BIS-(ETHYLENEIMINOSULPHONYL)PENTANE see: CM8315000
omega,omega'-BIS-(ETHYLENEIMINOSULPHONYL)PROPANE see: TX2900000
1,3-BIS(ETHYLENIMINOSULFONYL)PROPANE see: TX2900000
BIS(2-ETHYLHEXYL) ADIPATE see: AU9700000
BIS-2-ETHYLHEXYLAMIN see: IH6825000
BIS(2-ETHYLHEXYL)-1,2-BENZENEDICARBOXYLATE see: TI0350000
BIS(2-ETHYLHEXYL) DODECANEDIOATE see: JR2395000
BIS(ETHYLHEXYL) ESTER of SODIUM SULFOSUCCINIC ACID see: WN0525000
BIS(2-ETHYLHEXYL) FUMARATE see: LT0525000
BIS(2-ETHYLHEXYL)HYDROGEN PHOSPHATE see: TB7875000
BIS(2-ETHYLHEXYL)MALEATE see: ON0160000
BIS(2-ETHYLHEXYL)ORTHOPHOSPHORIC ACID see: TB7875000
BIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)DIBUTYLSTANNANE see: WH6719000
BIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)DIMETHYLSTANNANE see: WH6721000
BIS((2-(ETHYL)HEXYLOXY)MALEOYLOXY)DI(n-BUTYL)STANNANE see: WH6717000
BIS(2-ETHYLHEXYL)PHTHALATE see: TI0350000
BIS(2-ETHYLHEXYL)PHOSPHATE see: TB7875000
BIS(2-ETHYLHEXYL)PHOSPHORIC ACID see: TB7875000
BIS(2-ETHYLHEXYL)SEBACATE see: VS1000000
BIS(2-ETHYLHEXYL)SODIUM SULFOSUCCINATE see: WN0525000
1,4-BIS(2-ETHYLHEXYL) SODIUM SULFOSUCCINATE see: WN0525000
BIS(2-ETHYLHEXYL) S-SODIUM SULFOSUCCINATE see: WN0525000
BIS(N-ETHYLIDENEVINDESINE)DISULFIDE, SULFATE SALT see: YY8200000
BIS(ETHYLMERCURI)PHOSPHATE see: OW4375000
2,2-BIS(p-ETHYLPHENYL)-1,1-DICHLOROETHANE see: KH5790000
1,1-BIS(p-ETHYLPHENYL)-2,2-DICHLOROETHANE see: KH5790000
2,2-BIS(ETHYLSULFONYL)BUTANE see: EJ5250000
2,2-BIS(ETHYLSULFONYL)PROPANE see: TX3850000
S-(2,2-BIS(ETHYLTHIO)PROPYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TF2500000
BIS(ETHYLXANTHIC)DISULFIDE see: LQ7700000
BIS(ETHYLXANTHOGEN) see: LQ7700000
BISETHYLXANTHOGEN DISULFIDE see: LQ7700000
S-(1,2-BIS(ETOSSI-CARBONIL)-ETIL)-O,O-DIMETIL-DITIL-FOSFATO (Italian) see: WM8400000
BISEXOVIS see: BV8095000
BISEXOVISTER see: BV8095000
BISFEROL A (Czech) see: SL6300000
meso-3,4-BIS(3-FLUORO-4-HYDROXYPHENYL)HEXANE see: SL0560750
1-(4,4-BIS(p-FLUOROPHENYL)BUTYL)-4-(2-OXO-1-BENZIMIDAZOLINYL)PIPERIDINE see: DE1750000
1-(1-(4,4-BIS(p-FLUOROPHENYL)BUTYL)-4-PIPERIDYL)-2-BENZIMIDAZOLINONE see: DE1750000
1,3-BIS((4-(4-FLUOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYLINDOLIZINE see: NM2256700INDOLIZINE, 1,3-BIS((4-(4-FLUOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYL-
1,1-BIS(4-FLUOROPHENYL)-2-PROPYNYL N-CYCLOHEPTYLCARBAMATE see: GU3150000
1,1-BIS(4-FLUOROPHENYL)-2-PROPYNYL N-CYCLOOCTYL CARBAMATE see: GX9625000
BIS(2-FORMYL-1-METHYLPYRIDINIUM) TARTRATE DIOXIME see: UU2593500
BIS(o-FORMYLPHENYL)TELLURIDE see: CU8150000
BIS(o-FORMYLPHENYL)TELLURIUM see: CU8150000
1,3-BIS(4-FORMYLPYRIDINIUM)-PROPANE BISOXIDE DIBROMIDE see: UU7525000
1,3-BIS(4-FORMYLPYRIDINIUM)-PROPANE BISOXIME DICHLORIDE see: UU7700000
BIS(L-GLUTAMATO)MANGANESE TETRAHYDRATE see: OO9300000
2,3-BIS(GLYCIDYLOXY)-1,4-DIOXANE see: JG9100000
BIS(4-GLYCIDYLOXYPHENYL)DIMETHYAMETHANE see: TX3800000
2,2-BIS(p-GLYCIDYLOXYPHENYL)PROPANE see: TX3800000
BIS(GLYCINATO)COBALT see: GF9539000
BIS(GUANIDINIUM) CHROMATE see: DU2800000
1,3-BIS(p-(1-(GUANIDINOIMINO)ETHYL)PHENYL)GUANIDINE HYDROCHLORIDE see: MV1674000
BIS(8-GUANIDINOOCTYL)AMINE see: MF3624000
8014 BIS HC see: TE1750000
BIS(HEXANOYLOXY)DI-n-BUTYLSTANNANE see: WH6718000
BIS(2-HEXYLOXY)ETHYL ADIPATE see: AU9800000
BIS(1-HISTIDINATO)MANGANESE TETRAHYDRATE see: OO9310000
BIS(HYDROXYAETHYL)-AETHER-DINITRAT (German) see: ID6825000
BIS-HYDROXYAETHYLAMINOPROPYL-HYDROXYAETHYL-OCTADECYLAMINDIHYDROFLUORID (German) see: KL2895000
BIS(beta-HYDROXYAETHYL)NITROSAMIN (German) see: KL9550000
BIS(2-HYDROXY-3-tert-BUTYL-5-ETHYLPHENYL)METHANE see: SL9800000
BIS(4-HYDROXY-5-tert-BUTYL-2-METHYLPHENYL) SULFIDE see: GP3150000
BIS-2-HYDROXY-5-CHLORFENYLMETHAN (Czech) see: SM0175000
BIS(2-HYDROXY-5-CHLOROPHENYL)METHANE see: SM0175000
BISHYDROXYCOUMARIN see: GN7875000
BIS(4-HYDROXY-3-COUMARIN)ACETIC ACID ETHYL ESTER see: AF5775000
BIS-(4-HYDROXY-3-COUMARINYL)ETHYL ACETATE see: AF5775000
BIS(4-HYDROXYCOUMARIN-3-YL)METHANE see: GN7875000
BIS-3,3'-(4-HYDROXYCUMARINYL)ACETIC ACID ETHYL ESTER see: AF5775000
BIS(1-HYDROXYCYCLOHEXYL)PEROXIDE see: GV8970000
BIS-(1-HYDROXYCYCLOHEXYL)PEROXIDE, technical pure (DOT) see: GV8970000
BIS(2-HYDROXY-3,5-DICHLOROPHENYL) SULFIDE see: SN0525000
BIS(2-HYDROXYETHYL)AMINE see: KL2975000
2-(N,N-BIS(2-HYDROXYETHYL)AMINO)-1,4-BENZOQUINONE see: DK3528300
2-(BIS(beta-HYDROXYETHYL)AMINO)-4,5-DIPHENYLOXAZOLE MONOHYDRATE see: KK7400000
N,N-BIS(beta-HYDROXYETHYL)-1-AMINODODECANE HYDROCHLORIDE see: KK7610000 ETHANOL, 2,2'-(DODECYLIMINO)BIS-, HYDROCHLORIDE
N,N-BIS(beta-HYDROXYETHYL)-2-AMINODODECANE HYDROCHLORIDE see: KL8540000 ETHANOL, 2,2'-((1-METHYLUNDECYL)IMINO)BIS-, HYDROCHLORIDE
1,4-BIS(2-((2-HYDROXYETHYL)AMINO)ETHYLAMINO)-9,10-ANTHRACENEDIONE see: CB5748000
1,4-BIS((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO)ANTHRAQUINONE see: CB5748000
5,8-BIS((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-1,4-DIHYDROXYANTHRAQUINONE see: CB5748500
1,4-BIS(2-(2-HYDROXYETHYLAMINO)ETHYLAMINO)-8-HYDROXYANTHRAQUINONE see: CB5749300
N,N-BIS(beta-HYDROXYETHYL)-2-AMINOHEXADECANE HYDROCHLORIDE see: KL7375000 ETHANOL, 2,2'-((1METHYLPENTADECYL)IMINO)BIS-, HYDROCHLORIDE
BIS(2-HYDROXYETHYL)AMINOMETHYL-4-ETHOXYNITROBENZENE see: KK8997000 ETHANOL, 2,2'-((2-ETHOXY-5-NITROPHENYL)METHYL)IMINO)BIS-
4-BIS(2-HYDROXYETHYL)AMINO-2-(5-NITRO-2-FURYL)QUINAZOLINE see: VA1351500
2-(BIS(2-HYDROXYETHYL)AMINO)-5-NITROPHENOL see: SJ7787000
4-BIS(2-HYDROXYETHYL)AMINO-2-(5-NITRO-2-THIENYL)QUINAZOLINE see: VA1351700
N,N-BIS(beta-HYDROXYETHYL)-2-AMINOOCTADECANE HYDROCHLORIDE see: KL7373000 ETHANOL, 2,2'-((1METHYLHEPTADECYL)IMINO)BIS-, HYDROCHLORIDE
1,3-BIS((2-HYDROXYETHYL)AMINO)-2-PROPANOL see: UA7371000 2-PROPANOL, 1,3-BIS((2-HYDROXYETHYL)AMINO)-
N,N-BIS(beta-HYDROXYETHYL)-2-AMINOTETRADECANE HYDROCHLORIDE see: KL8231000 ETHANOL, 2,2'-((1-METHYLTRIDECYL)IMINO)BIS-, HYDROCHLORIDE
BIS(HYDROXYETHYL)AMMONIUM 3,5-DIIODO-4-PYRIDONE-N-ACETATE see: UR8750000
N,N-BIS(2-HYDROXYETHYL)ANILINE see: KM2100000
N,N-BIS(2-HYDROXYETHYL)-p-ARSANILIC ACID see: CF8975000
BIS(2-HYDROXYETHYL)CARBAMODITHIOIC ACID, MONOPOTASSIUM SALT see: EY9450000
N,N-BIS(2-HYDROXYETHYL)CHLOROANILIDE see: KK2420000
N,N-BIS(2-HYDROXYETHYL)-2-CHLORO-10H-PHENOTHIAZINE-10-CARBOXAMIDE see: SN7267700
BIS(2-HYDROXYETHYL)DITHIOCARBAMIC ACID AMMONIUM SALT see: EY9440000
BIS(2-HYDROXYETHYL)DITHIOCARBAMIC ACID, MONOPOTASSIUM SALT see: EY9450000
BIS(2-HYDROXYETHYL)DITHOCARBAMIC ACID, POTASSIUM SALT see: EY9450000
N,N-BIS(2-HYDROXYETHYL)DODECANAMIDE see: JR1925000
BIS(2-HYDROXYETHYL) ETHER see: ID5950000
BIS(2-HYDROXYETHYL)LAURAMIDE see: JR1925000
N,N-BIS(HYDROXYETHYL)LAURAMIDE see: JR1925000
N,N-BIS(beta-HYDROXYETHYL)LAURAMIDE see: JR1925000
N,N-BIS(2-HYDROXYETHYL)LAURAMIDE see: JR1925000
N,N-BIS(2-HYDROXYETHYL)-2-METHOXY-10H-PHENOTHIAZINE-10-CARBOXAMIDE see: SN7267800
N,N-BIS(beta-HYDROXYETHYL)-3-METHYLANILINE see: KM3360000
N,N-BIS(2-HYDROXYETHYL)-3-METHYLANILINE see: KM3360000
N',N'-BIS(2-HYDROXYETHYL)-N-METHYL-2-NITRO-p-PHENYLENEDIAMINE see: SS8500000
BIS(beta-HYDROXYETHYL)NITROSAMINE see: KL9550000
N,N-BIS(2-HYDROXYETHYL)-9,12-OCTADECADIENAMIDE see: RF9968000
N,N-BIS(2-HYDROXYETHYL)-10H-PHENOTHIAZINE-10-CARBOXAMIDE see: SN7267600
BIS(beta-HYDROXYETHYL)SULFIDE see: KM2975000
BIS(2-HYDROXYETHYL)SULFIDE see: KM2975000
BIS(HYDROXY-ETHYL-THIO) 1-10 DECANE (French) see: KK3547000
1,10-BIS(HYDROXYETHYLTHIO)DECANE see: KK3547000
N,N-BIS(2-HYDROXYETHYL)-m-TOLUIDINE see: KM3360000
2,2-BIS-4'-HYDROXYFENYLPROPAN (Czech) see: SL6300000
1,4-BIS(4-HYDROXYIMINOMETHYL-PYRIDINIUM-(1))-BUTANEDIOL-2,3 DIBROMID (German) see: UU3875300
BIS(4-HYDROXYIMINOMETHYLPYRIDINIUM-1-METHYL)ETHER DICHLORIDE see: UU6825000
1,3-BIS(4-HYDROXYIMINOMETHYL-1-PYRIDINIO)-2-OXAPROPANE DICHLORIDE see: UU6825000
1,3-BIS(4-HYDROXYIMINOMETHYL-1-PYRIDINIO)PROPANE DICHLORIDE see: UU7700000
3-BIS(HYDROXYMETHYL)AMINO-6-(5-NITRO-2-FURYLETHENYL)-1,2,4-TRIAZINE see: PC3200000
9,10-BISHYDROXYMETHYL-1,2-BENZANTHRACENE see: CW1925000
2,3-BIS(HYDROXYMETHYL)-5,6-DIMETHYL-p-BENZOQUINONE DIACETATE (ester) see: DK3528500
BIS(HYDROXYMETHYL)FURATRIZINE see: PC3200000
1,3-BIS(HYDROXYMETHYL)IMIDAZOLIDIN-2-THIONE see: NI9628000
2,3-BISHYDROXYMETHYL-4-METHOXY-1-METHYLPYRROLE see: UX9465400
2,3-BISHYDROXYMETHYL-5-METHYL-1-PHENYLPYRROLE see: UX9465700
1,2-BISHYDROXYMETHYL-1-METHYLPYRROLE see: UX9465500
2,3-BISHYDROXYMETHYL-1-METHYLPYRROLE see: UX9465500
3,5-BISHYDROXYMETHYL-1-METHYLPYRROLE see: UX9465600
3,3-BIS(HYDROXYMETHYL)PENTANE see: TY5250000
BIS(HYDROXYMETHYL)PEROXIDE see: SD8240000
BIS-(1-HYDROXYMETHYL)PEROXIDE see: SD8240000
meso-3,4-BIS(4-HYDROXY-3-METHYLPHENYL)HEXANE see: GO8151000
BIS(o-HYDROXYMETHYLPHENYL)TELLURIDE see: DA4981800
BIS(o-(HYDROXYMETHYL)PHENYL)TELLURIUM see: DA4981800
2,2-BIS(HYDROXYMETHYL)-1,3-PROPANEDIOL see: RZ2490000
2,2-BIS(HYDROXYMETHYL)-1,3-PROPANEDIOL TETRANITRATE see: RZ2620000
2,3-BIS(HYDROXYMETHYL)QUINOXALINE DI-N-OXIDE see: VD1900000
BIS(4-HYDROXY-2-OXO-2H-1-BENZOPYRAN-3-YL)ACETIC ACID ETHYL ESTER see: AF5775000
2,2-BIS(p-HYDROXYPHENYL)-2H-1,4-BENZOAZIN-3(4H)-ONE DIACETATE see: DM3325000
BIS-(p-HYDROXYPHENYL)-CYCLOHEXYLIDENEMETHANE DIACETATE see: GO7550000
BIS(p-HYDROXYPHENYL)CYCLOHEXYLIDENEMETHANE TETRASODIUM DIPHOSPHATE see: SK7010000
BIS(4-HYDROXYPHENYL) DIMETHYLMETHANE see: SL6300000
BIS(4-HYDROXYPHENYL)DIMETHYLMETHANE DIGLYCIDYL ETHER see: TX3800000
3,4-BIS(p-HYDROXYPHENYL)-2,4-HEXADIENE see: SL0580000
3,4-BIS(4-HYDROXYPHENYL)-2,4-HEXADIENE see: SL0580000
3,4-BIS(p-HYDROXYPHENYL)HEXANE see: SL0560850
meso-3,4-BIS(p-HYDROXYPHENYL)-n-HEXANE see: SL0560850
3,4-BIS(p-HYDROXYPHENYL)-2-HEXANONE see: MP1630000
3,4-BIS(p-HYDROXYPHENYL)-3-HEXENE see: WJ3600000
BIS(m-HYDROXYPHENYL)PHOSPHINIC ACID see: SZ4380000
3,3-BIS(p-HYDROXYPHENYL)PHTHALIDE see: SM8380000
BIS(4-HYDROXYPHENYL)PROPANE see: SL6300000
2,2-BIS(p-HYDROXYPHENYL)PROPANE see: SL6300000
2,2-BIS(4-HYDROXYPHENYL)PROPANE see: SL6300000
2,2-BIS(p-HYDROXYPHENYL)PROPANE, DIGLYCIDYL ETHER see: TX3800000
2,2-BIS(4-HYDROXYPHENYL)PROPANE DIGLYCIDYL ETHER see: TX3800000
2,3-BIS(p-HYDROXYPHENYL)VALERONITRILE see: YV8200000
BIS(2-HYDROXYPROPYL)AMINE see: UB6600000
N,N'-(BIS-omega-HYDROXYPROPYL)HOMOPIPERAZINE 3,4,5-TRIMETHOXYBENZOATE DIHYDROCHLORIDE see: DI0250000
N-BIS(2-HYDROXYPROPYL)NITROSAMINE see: JL9650000
2,2'-BISHYDROXYPROPYLNITROSAMINE see: JL9650000
BIS(1-HYDROXY-2(1H)-PYRIDINETHIONATO)ZINC see: ZH0950000
(BIS(8-HYDROXYQUINOLYL)AMINO)SALICYLIC ACID see: VO1795000
1,3-BIS(1-HYDROXY-2,2,2-TRICHLOROETHYL)UREA see: YS2787000
BIS(2-HYDROXY-3,5,6-TRICHLOROPHENYL)METHANE see: SM0700000
BISINA see: XJ1050000
BIS(3-INDOLEMETHYLENEMORPHOLINIUM)HEXACHLOROSTANNATE see: QF3328500
alpha,alpha-BIS(p-IODOPHENYL)ACETIC ACID see: AF5785000
2,2-BIS(p-IODOPHENYL)-1,1-DICHLOROETHANE see: KH5880000
BIS(ISOBUTYL)ALUMINUM CHLORIDE see: BD0560000
1-(BIS(ISOBUTYLAMINO))-3-(DIMETHYLAMINO)-2-PROPANOL BENZOATE DIHYDROCHLORIDE see: UA7377000 2-PROPANOL, 1-(BIS(2-METHYLPROPYL)AMINO)-3-(DIMETHYLAMINO)-, BENZOATE (ester) DIHYDROCHLORIDE
alpha-(BIS(ISOBUTYLAMINO)METHYL)-1-PIPERIDINEETHANOL BENZOATE DIHYDROCHLORIDE see: TM8575500 1-PIPERIDINEETHANOL, alpha-((BIS(2-METHYLPROPYL)AMINO)METHYL)-, BENZOATE(ester), DIHYDROCHLORIDE

BEST COPY AVAILABLE

BIS(ISOBUTYL)HYDROALUMINUM see: BD0710000
BIS(4-ISOCYANATOCYCLOHEXYL)METHANE see: NQ9250000
BIS(2-ISOCYANATOETHYL)CARBONATE see: FF8575000
BIS(p-ISOCYANATOPHENYL)METHANE see: NQ9350000
BIS(1,4-ISOCYANATOPHENYL)METHANE see: NQ9350000
BIS(4-ISOCYANATOPHENYL)METHANE see: NQ9350000
BIS(DL-ISOLEUCINATO)COBALT see: GF9543000
BIS(ISONICOTINALDOXIME 1-METHYL) ETHER DICHLORIDE see: UU6825000
N,N'-BIS(p-ISOPROPOXYPHENYL)ACETAMIDINE see: AD0540000
1,3-BIS(ISOPROPOXY)-2-PROPANOL see: UA7373000
BIS(ISOPROPYLAMIDO) FLUOROPHOSPHATE see: TD3675000
2,4-BIS(ISOPROPYLAMINO)-6-CHLORO-s-TRIAZINE see: XY5300000
2,4-BIS(ISOPROPYLAMINO)-6-METHOXY-s-TRIAZINE see: XY4200000
2,4-BIS(ISOPROPYLAMINO)-6-METHYL MERCAPTO-s-TRIAZINE see: XY4390000
2,4-BIS(ISOPROPYLAMINO)-6-METHYLTHIO-s-TRIAZINE see: XY4390000
2,4-BIS(ISOPROPYLAMINO)-6-METHYLTHIO-1,3,5-TRIAZINE see: XY4390000
BIS(ISOPROPYLBENZENE)CHROMIUM see: GB5800000
BISISOTRIDECYL PEROXIDICARBONATE, technically pure (DOT) see: SD9830000
BIS(LAUROYLOXY)DI(n-BUTYL)STANNANE see: WH7000000
BIS(L-LEUCINATO)COBALT see: GF9545000
1,3-BISMALEIMIDOBENZENE see: ON6125000
BISMARSEN see: EB2625000
BISMATE see: EB3400000
BIS(MERCAPTOBENZOTHIAZOLATO)ZINC see: DL7000000
BIS(DL-3-MERCAPTOVALINATO)DICHLOROMERCURY(2-) see: OV7369200
BIS((MESITYLCARBAMOYL)METHYL)DIETHYLAMMONIUM CHLORIDE see: BO9086000
1,2-BIS(MESYLOXY)ETHANE see: KW5540000
1,2-BIS(METHACRYLOYLOXY)ETHANE see: OZ4400000
1,4-BIS(METHANESULFONOXY)BUTANE see: EK1750000
BIS(METHANESULFONYL)-D-MANNITOL see: OP2975000
(1,4-BIS(METHANESULFONYLOXY)BUTANE) see: EK1750000
BISMETHIN see: SH6480000
BIS(DL-METHIONATO)MERCURY see: OV7369400
BIS(DL-METHIONINATO)COBALT see: GF9546000
3,4-BIS(METHOXY)-BENZYL CHLORIDE see: XS9060000
o-BIS(3-METHOXYCARBONYL-2-THIOUREIDO)BENZENE see: BA3675000
1,2-BIS(METHOXYCARBONYLTHIOUREIDO)BENZENE see: BA3675000
1,2-BIS(3-(METHOXYCARBONYL)-2-THIOUREIDO)BENZENE see: BA3675000
1,7-BIS(METHOXYDIMETHYLXYLYL)-meta-CARBORANE see: HS9295500
2,5-BISMETHOXYETHOXY-3,6-BISETHYLENEIMINO-1,4-BENZOQUINONE see: DK3325000
3,6-BIS(beta-METHOXYETHOXY)-2,5-BIS(ETHYLENEIMINO)-p-BENZOQUINONE see: DK3325000
3,6-BIS(beta-METHOXYETHOXY)-2,5-BIS(ETHYLENIMINO)-p-BENZOQUINONE see: DK3325000
BIS(2-METHOXYETHYL)ETHER see: SB0400000
BIS(2-(2-METHOXYETHOXY)ETHYL) ETHER see: SB0400000
BIS(2-METHOXYETHYL)NITROSOAMINE see: IA2830000
BIS(METHOXYETHYL) PHTHALATE see: TI1400000
BIS(2-METHOXYETHYL) PHTHALATE see: TI1400000
S-(1,2-BIS(METHOXYMETHYLAMINO)CARBONYL)ETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE1410000
1,3-BIS(METHOXYMETHYL)-5-ETHYL-5-PHENYLBARBITURIC ACID see: CQ0560000
2,2-BIS((o-METHOXY-alpha-METHYLPHENETHYL)AMINO)ETHANOL HYDROCHLORIDE see: KJ7900000
1,3-BIS(METHOXYMETHYL)PHENOBARBITAL see: CQ0560000
BIS(p-METHOXYPHENYL)BIS(THIOCYANATO)TELLURIUM see: WY2627000
3,4-BIS(p-METHOXYPHENYL)-3-BUTEN-2-ONE see: EM9825000
2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE see: KQ7800000
trans-1-(2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UX9771200
2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)TRIETHYLAMINE CITRATE see: YE0610000
cis-2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE0614000
trans-2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE0612000
1,5-BIS(m-METHOXYPHENYL)-3,7-DIAZAADMANTAN-9-ONE see: HM0225000
1,5-BIS(o-METHOXYPHENYL)-3,7-DIAZAADMANTAN-9-ONE see: HM0250000
1,5-BIS(p-METHOXYPHENYL)-3,7-DIAZAADMANTAN-9-ONE see: HM0275000
trans-1,2-BIS(p-METHOXYPHENYL)-1-(p-(2-(N,N-DIETHYLAMINO)ETHOXY)PHENYL)BUT-1-ENE HCl see: YE0612000
2,4-BIS(p-METHOXYPHENYL)-5,6-DIHYDRONAPHTHO(1,2-b)THIOPYRYLIUM TRIFLUOROACETATE see: QM0701000
BIS(p-METHOXYPHENYL)DIIODOTELLURIUM see: WY2628000
1,2-BIS(p-METHOXYPHENYL)-1-(p-(2-(DIMETHYLAMINO)ETHOXY)PHENYL)-1-BUTANOL HYDROCHLORIDE see: EL0640000
1,2-BIS(p-METHOXYPHENYL)-1-(p-(2-(N,N-DIMETHYLAMINO)ETHOXY)PHENYL)BUTAN-1-OL HYDROCHLORIDE see: EL0640000
BIS(p-METHOXYPHENYL)DI-beta-RESORCYLATOTELLURIUM see: WY2629000
N,N'-BIS(4-METHOXYPHENYL)-N''-(4-ETHOXYPHENYL)GUANIDINE HYDROCHLORIDE see: MF2000000
BIS(p-METHOXYPHENYL)ETHYLAMINE HYDROCHLORIDE see: SH8100000
3,4-BIS(p-METHOXYPHENYL)-3-HEXENE see: WJ5400000
BIS-(B-o-METHOXYPHENYL-ISOPROPYL)-AMINE LACTATE see: JJ4990000
1-(2-(p-(1,2-BIS(p-METHOXYPHENYL)-3-METHYL-1-BUTENYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UX9771300
2-(p-(1,2-BIS(p-METHOXYPHENYL)-3-METHYL-1-BUTENYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE0620000
2-(p-(1,2-BIS(p-METHOXYPHENYL)-3-METHYLBUTYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE0625000
2-(p-(1-(BIS(p-METHOXYPHENYL)METHYLENE)PROPYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE0630000
BIS(p-METHOXYPHENYL)OXOTELLURIUM see: DB9061000
2,3-BIS(p-METHOXYPHENYL)-2-PENTENENITRILE see: SB2270000
2,3-BIS(4-METHOXYPHENYL)PENT-2-ENENITRILE see: SB4450000
2,3-BIS(p-METHOXYPHENYL)-2-PENTENONITRILE see: SB4450000
BIS(o-METHOXYPHENYL)PHOSPHINIC ACID see: SZ4390000
2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-PROPENYL)PHENOXY)TRIETHYLAMINE CITRATE (1:1) see: YE0635000
2-(p-(1,2-BIS(p-METHOXYPHENYL)PROPENYL)PHENOXY)TRIETHYLAMINE CITRATE HYDRATE see: YE0640000
trans-1,2-BIS(p-METHOXYPHENYL)-1-(p-(2-N-PYRROLIDINOETHOXY)PHENYL)BUT-1-ENE HYDROCHLORIDE see: UX9771200
1,2-BIS(p-METHOXYPHENYL)-1-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-1-BUTANOL see: EL0660000
1,1-BIS(p-METHOXYPHENYL)-2,2,2-TRICHLOROETHANE see: KJ3675000
2,2-BIS(p-METHOXYPHENYL)-1,1,1-TRICHLOROETHANE see: KJ3675000
2,4-BIS(3-METHOXYPROPYLAMINO)-6-METHYLTHIO-s-TRIAZINE see: XY4395000
1,4-BIS((2-METHOXY-4-PROPYLPHENOXY)ACETYL)PIPERAZINE see: TK9700000
1,7-BIS(METHOXYTETRAMETHYLPHENYL)-1,7-DICARBADODECABORANE (12) see: HS9295500
N,N-BIS(2-(((METHYLAMINO)CARBONYL)OXY)ETHYL)-2-CHLORO-10H-PHENOTHIAZINE-10-CARBOXAMIDE see: SN7268200
N,N-BIS(2-(((METHYLAMINO)CARBONYL)OXY)ETHYL)-2-METHOXY-10H-PHENOTHIAZINE-10-CARBOXAMIDE see: SN7268500
N,N-BIS(2-(((METHYLAMINO)CARBONYL)OXY)ETHYL)-10H-PHENOTHIAZINE-10-CARBOXAMIDE see: SN7268000
(BIS(METHYLAMINO)METHYLENE)(2,6-DIETHYLPHENYL)UREA HYDROCHLORIDE see: YS2760000
(BIS(METHYLAMINO)METHYLENE)(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YS2760500
(BIS(METHYLAMINO)METHYLENE)(2-ETHYL-6-METHYLPHENYL)-UREA HYDROCHLORIDE see: YS2761000
(BIS(METHYLAMINO)METHYLENE)(2-METHOXY-6-METHYLPHENYL)UREA HYDROCHLORIDE see: YS2761500
BIS(o-METHYLAMINOPHENYL)PHOSPHINIC ACID see: SZ4395000
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ADIPAMIDE DIHYDROCHLORIDE see: MO1160000
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ALLYLBENZYLMALONAMIDE DIHYDROCHLORIDE see: ON9130000
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ALLYLETHYLMALONAMIDE DIHYDROCHLORIDE see: ON9130200
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ALLYLMETHYLMALONAMIDE DIHYDROCHLORIDE see: ON9130400
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ALLYLPROPYLMALONAMIDE DIHYDROCHLORIDE see: ON9130600
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ALLYLTHENYLMALONAMIDE DIHYDROCHLORIDE see: ON9130800
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)AZELEAMIDE DIHYDROCHLORIDE see: RA6280000
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)CARBAMIDE DIHYDROCHLORIDE see: YS1950300
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIALLYLMALONAMIDE DIHYDROCHLORIDE see: ON9133200
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIALLYLMALONAMIDE TETRAACETATE see: ON9133400
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIBENZYLMALONAMIDE DIHYDROCHLORIDE see: ON9133600
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIBUTYLMALONAMIDE DIHYDROCHLORIDE see: ON9133800
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIETHYLMALONAMIDE DIHYDROCHLORIDE see: ON9134000
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIMETHYLMALONAMIDE DIHYDROCHLORIDE see: ON9134200
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIPROPYLMALONAMIDE DIHYDROCHLORIDE see: ON9134300
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ETHYLPROPYLMALONAMIDE DIHYDROCHLORIDE see: ON9134500
BIS(2-METHYL-4-AMINO-6-QUINOLYL)GLUTARAMIDE DIHYDROCHLORIDE see: MA2980000
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)MALONAMIDE DIHYDROCHLORIDE see: ON9134100
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)METHYLETHYLMALONAMIDE DIHYDROCHLORIDE see: ON9134400
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)METHYLPROPYLMALONAMIDE DIHYDROCHLORIDE see: ON9134600
BIS-(2-METHYL-4-AMINO-6-QUINOLYLOXY)BUTANE DIHYDROCHLORIDE see: UZ9900000
BIS-(2-METHYL-4-AMINO-6-QUINOLYLOXY)ETHANE DIHYDROCHLORIDE see: UZ9826000
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)PIMELAMIDE DIHYDROCHLORIDE see: MI8800400
BIS-(2-METHYL-4-AMINO-6-QUINOLYL)SEBACAMIDE DIHYDROCHLORIDE see: HD7108000
cis-BIS(METHYLAMMINE)OXALATOPLATINUM(II) see: TP2246000
BIS(N-METHYLANILINE)METHANE see: BY5275000
BIS(N-METHYLANILINO)METHAN (German) see: BY5275000
BIS-2-METHYLBENZOYL PEROXIDE see: XV1660400
BIS(2-METHYLBENZOYL)PEROXIDE, with at least 15% water (DOT) see: XV1660400
1,4-BIS(alpha-METHYLBENZYL)PIPERAZINE DIHYDROBROMIDE see: TK9720000
BIS(3-METHYLBUTYL) ADIPATE see: AV1500000
cis-BIS(p-METHYLCYCLOHEXYLAMMINE)DICHLOROPLATINUM (II) see: TP2246530
cis-BIS(4-METHYLCYCLOHEXYLAMMINE)DICHLOROPLATINUM (II) see: TP2246530
BIS(METHYLCYCLOPENTADIENE) see: PC1075000
BIS(1-METHYLETHYL) CARBAMOTHIOIC ACID, S-(2,3-DICHLORO-2-PROPENYL)ESTER see: EZ8225000
omega,omega'-BIS-(C-METHYLETHYLENEIMINOSULPHONYL)BUTANE see: CM8872000
N,N-BIS(1-METHYLETHYL)-1H-INDOLE-3-ETHANAMINE see: NL7040000
O,O-BIS(1-METHYLETHYL) O-(4-(METHYLSULFINYL)PHENYL) PHOSPHOROTHIOATE see: TF6600000
N,N'-BIS(1-METHYLETHYL)-6-METHYL-THIO-1,3,5 TRIAZINE-2,4-DIAMINE see: XY4390000
N-(2,6-BIS(1-METHYLETHYL)PHENYL)-N'-((IMINO(METHYLAMINO)METHYL)UREA BUTANEDIOATE (1:1) see: YS2762000
N-(2,6-BIS(1-METHYLETHYL)PHENYL)-N'-METHYLAMIDINO-UREA SUCCINATE see: YS2762000
3,5-BIS(1-METHYLETHYL)PHENYL METHYLCARBAMATE see: FB9800000
O,O-BIS(1-METHYLETHYL) S-(PHENYLMETHYL)PHOSPHOROTHIOATE see: TE6550000
O,O-BIS(1-METHYLETHYL) S-(2-((PHENYLSULFONYL)AMINO)ETHYL)PHEOSPHORODITHIOATE see: TE0250000
BIS(1-METHYLETHYL)PHOSPHATE ANHYDRIDE with O-(1-METHYLETHYL)(CHLOROMETHYL)PHOSPHONOTHIOATE see: TA9070000
BIS(METHYLMERCURIC)SULFATE see: OX0700000
BIS-(METHYLMERCURY)-SULFATE see: OX0700000
1,4-BIS((2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)ACETYL)PIPERAZINE see: TK9780000
N,N'-BIS(alpha-METHYLPHENETHYL)PHOSPHORODIAMIDIC ACID PHENYL ESTER see: TD2633000
alpha,alpha-BIS(2-METHYLPHENYL)-1-AZABICYCLO(2.2.2)OCTANE-3-METHANOL HYDROCHLORIDE see: CL5627600
N,N-BIS(N-METHYL-N-PHENYL-tert-BUTYLACETAMIDO)-beta-HYDROXYETHYLAMINE see: AC3325000
BIS(alpha-METHYLPIPERIDINO-n-PROPYL) 4,4'-DIBENZYLDICARBOXYLATE HYDROCHLORIDE see: EC0874800
BIS(alpha-METHYLPIPERIDINO-n-PROPYL) TEREPHTHALATE HYDROCHLORIDE see: WZ1223200
alpha-((BIS(1-METHYLPROPYL)AMINO)METHYL)-((2-CHLOROPHENYL)METHYL)-1H-PYRROLE-2-METHANOL see: UX9635500
BIS(2-METHYLPROPYL)CARBAMOTHIOIC ACID S-ETHYL ESTER see: EZ7525000
N,N'-BIS(1-METHYLPROPYLIDENE)-1,6-HEXANEDIAMINE see: MO1225000
N-BISMETHYLPTEROYLGLUTAMIC ACID see: MA1225000
BIS-1,4-(alpha-METHYL-2-PYRIDYL)METHYLPIPERAZINE see: TL0165000
N,N-BIS(METHYLQUECKSILBER)-p-TOLUOL-SULFAMID (German) see: OX0815000
1,6-BIS-O-METHYLSULFONYL-D-MANNITOL see: OP2975000
BIS(3-METHYLSULFONYLOXYPROPYL)AMINE p-TOLUENESULFONATE see: UB6621000
2-(BIS(METHYLTHIO)METHYL)PHENYL METHYLCARBAMATE see: FC7600000
BIS(METHYLXANTHOGEN) DISULFIDE see: LQ8050000
1,3-BIS-(3,4-METILENDIOSSIFENOSSI)-2-(3-DIMETILAMMINOPROPIL)PROPANO CITRATO (Italian) see: SC0879100
BISMO-CYMOL see: EB2984600
BIS(MONOISOPROPYLAMINO)FLUOROPHOSPHATE see: TD3675000
BIS(MONOISOPROPYLAMINO)FLUOROPHOSPHINE OXIDE see: TD3675000
N,N'-BISMORPHOLINE DISULFIDE see: QE3325000
BISMORPHOLINO DISULFIDE see: QE3325000
BIS(MORPHOLINO-)METHAN (German) see: QE6125000
BISMORPHOLINO METHANE see: QE6125000
1,2-BIS(4'-MORPHOLINOMETHYL-1',3'-DIOXOLANYL-2')ETHANE DIMETHIODIDE see: QF3185000
5,7-BIS(MORPHOLINOMETHYL)-2-HYDROXY-3-ISOPROPYL-2,4,6-CYCLOHEPTATRIEN-1-ONE DIHYDROCHLORIDE see: GU3830500
2,4,6-CYCLOHEPTATRIEN-1-ONE, 5,7-BIS(MORPHOLINOMETHYL)-2-HYDROXY-3-ISOPROPYL-, DIHYDROCHLORIDE
BIS(MORPHOLINOTHIOCARBONYL)DISULFIDE see: JO1530000
BISMUTH-209 see: EB2600000

EB2600000 BISMUTH

UPDT 8412 CAS: 7440-69-9 MW: 208.98 MDEM: 81
SYN: BISMUTH 209

TOXICITY DATA AND REFERENCES:
unk-man LDLo 221 mg/kg 85DCAI 2,73,70

BEST COPY AVAILABLE

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADSYAF 26,797,32
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EB2625000 BISMUTH ARSPHENAMINE SULFONATE
UPDT:7901 CAS: 12001-47-7 MW: 1318.35 MOLFM: C21-H24-As3-Bi2-N3-O12-S3-3Na
SYN: BISMARSEN * SULFARSPHENAMINE BISMUTH
TOXICITY DATA AND REFERENCES:
ims-rat LDLo:500 mg/kg ADSYAF 28,389,33
ipr-mus LDLo:128 mg/kg CBCCT* 2,241,50
ims-rbt LDLo:150 mg/kg ADSYAF 28,389,33
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
BISMUTH 3-(4-BIPHENYLYL)ACRYLATE see: GE0407000
BISMUTH CAMPHOCARBONATE see: EB2984600
BISMUTH CAMPHOCARBOXYLATE see: EB2984600

EB2700000 BISMUTH CHLORIDE OXIDE
UPDT:8407 CAS: 7787-59-9 MW: 260.43 MOLFM: Bi-Cl-O
SYN: BIJU * BISMUTH OXYCHLORIDE * MEARLITE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:22 gm/kg FCTXAV 13,543,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EB2780000 BISMUTH, DIHYDROXY(2-METHYL-8-QUINOLATO)-
UPDT:8306 MW: 401.19 MOLFM: C10-H10-Bi-N-O3
SYN: DIHYDROXY(2-METHYL-8-QUINOLATO)BISMUTH * DV 4 * METHYL-2 BISMUTHO-OXY-8 QUINOLEINE (French)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2155 mg/kg APFRAD 31,273,73
BISMUTH DIMETHYLDITHIOCARBAMATE see: EB3400000
BISMUTH DIPHENYLYLACRYLATE see: GE0407000
BISMUTHIOL I see: XI3850000

EB2984600 BISMUTH, mu-OXOHYDROXYTRIS(2-OXO-3-BORNANECARBOXYLATO)DI-
UPDT:8303 CAS: 4154-23-4 MW: 1036.75 MOLFM: C33-H46-Bi2-O11
SYN: ANGIMUTH * Bi-CAMPOCARBONATO (Italian) * BISMO-CYMOL * BISMUTH CAMPHOCARBONATE * BISMUTH CAMPHOCARBOXYLATE * CAMPHOBISMOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5200 mg/kg BCFAAI 99,801,60

EB2985500 BISMUTH, OXO(SODIUM ARSANILATO)-
UPDT:7901 CAS: 5806-84-8 M.W. 463.02 MOLFM: C6-H6-As-N-O3-Bi-O-Na
SYN: p-ARSANILIC ACID, BISMUTH, SODIUM SALT * ARSENO-BISMULAK * BISMUTH SODIUM p-AMINOPHENYLARSONATE
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:631 mg/kg UCREAR 48,183,44
ims-rat LDLo:875 mg/kg UCREAR 48,183,44
ivn-rbt LD50:312 mg/kg UCREAR 48,183,44
ims-rbt LDLo:750 mg/kg UCREAR 48,183,44
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
BISMUTH OXYCHLORIDE see: EB2700000
BISMUTH SESQUITELLURIDE see: EB3110000
BISMUTH SODIUM p-AMINOPHENYLARSONATE see: EB2985500
BISMUTH STANNATE PENTAHYDRATE see: EB3130000

EB3110000 BISMUTH TELLURIDE
UPDT:8201 CAS: 1304-82-1 MW: 800.76 MOLFM: Bi2-Te3
SYN: BISMUTH SESQUITELLURIDE
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 DTLVS* 4,45,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Te)/m3 FEREAC 39,235;0,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EB3130000 BISMUTH TIN OXIDE
UPDT:7908 CAS: 12010-67-2 MW: 1008.13 MOLFM: Bi2-O9-Sn3-5H2-O
SYN: BISMUTH STANNATE PENTAHYDRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:178 mg/kg CSLNX* NX#02286
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EB3400000 BISMUTH, TRIS(DIMETHYLDITHIOCARBAMATO)-
UPDT:8401 CAS: 21260-46-8 MW: 569.64 MOLFM: C9-H18-N3-S6-Bi
SYN: BISMATE * BISMUTH DIMETHYLDITHIOCARBAMATE * CARBAMIC ACID, DIMETHYLDITHIO-, BISMUTH SALT * TRIS(DIMETHYLDITHIOCARBAMATO)BISMUTH
TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BISMUTH VIOLET see: BO9000000
1,1'-BIS(1,5-NAPHTHYLENEDISULFONYL)DIAZIRIDINE see: CM8226000
BIS(NITRATO-O)OXOZIRCONIUM see: ZH7140000
1,5-BIS(5-NITRO-2-FURANYL)-1,4-PENTADIEN-3-ONE, (AMINOIMINOMETHYL)HYDRAZONE see: MF4620000
BIS(5-NITROFURFURYLIDENE)ACETONE GUANYLHYDRAZONE see: MF4620000
sym-BIS(5-NITRO-2-FURFURYLIDENE) ACETONE GUANYLHYDRAZONE see: MF4620000
1,5-BIS(5-NITRO-2-FURYL)-3-PENTADIENONE AMIDINONHYDRAZONE see: MF4620000
1,5-BIS(5-NITRO-2-FURYL)-3-PENTADIENONE GUANYLHYDRAZONE see: MF4620000
BIS(m-NITROPHENYL)PHOSPHINIC ACID see: SZ4400100
BIS(p-NITROPHENYL)PHOSPHINIC ACID see: SZ4400300
BISNORXANTHOMEGNIN see: DU3123500
BIS(OCTANOYLOXY)DI-n-BUTYLSTANNANE see: WH6733100
BISOFLEX 81 see: TI0350000
BISOFLEX 91 see: TI1800000
BISOFLEX DES see: VS1180000
BISOFLEX DOA see: AU9700000
BISOFLEX DOP see: TI0350000
BISOFLEX DOS see: VS1000000
BISOLVOMYCIN see: QI8225000
BISOMER 2HEA see: AT1750000
BISOXATIN ACETATE see: D-13225000
1,1'-BIS(OXIRANYLMETHYL)-4,4'-BIPIPERIDINE see: DW0900000
2H-BISOXIRENO(a,f)INDEN, OCTAHYDRO- see: NK4900000
cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)BIS(THIOCYANATO)PALLADIUM(II) see: RT3487000
cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DIBROMOPALLADIUM(II) see: RT3487100
cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DICHLOROPALLADIUM(II) see: RT3487200
cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DICHLOROPLATINUM(II) see: TP2257000
cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)(DIETHYLMALONATO)PALLADIUM(II) see: RT3487300
cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)(DIETHYLMALONATO)PLATINUM(II) see: TP2258000
cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DIIODOPALLADIUM(II) see: RT3487400
cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DIIODOPLATINUM(II) see: TP2259000
cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DINITROPALLADIUM(II) see: RT3487500
cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DINITROPLATINUM(II) see: TP2260000
BIS(2-OXO-9-BORNANESULFONIC ACID) DIETHYLSTANNYL ESTER see: WH6714250
1,3-BIS(2-OXO-4-PIPERIDINOBUTYL)-5-ETHYL-5-PHENYLBARBITURIC ACID DIHYDROCHLORIDE DIHYDRATE see: CQ0630000 BARBITURIC ACID, 1,3-BIS(2-OXO-4-PIPERIDINOBUTYL)-5-ETHYL-5-PHENYL-,DIHYDROCHLORIDE, DIHYDRATE
2,7-BIS(1-OXO-5-(PIPERIDINO)PENTYL)-9H-XANTHEN-9-ONE see: ZD5815000
BIS-(2-OXOPROPYL)-N-NITROSAMINE see: JL9678000
BIS(8-OXYQUINOLINE)COPPER see: VC5250000
BIS(PANTOTHENAMIDOETHYL) DISULFIDE see: ES4392700
alpha,beta-BIS(PARADIMETHYLAMIDO-SULPHONOBENZYLAMINO)-ETHANE see: XT5760000
alpha,beta-BIS(PARADIMETHYLAMIDO-SULPHONOBENZYLAMINO)-ETHANE DIACETATE see: XT5762000
alpha,beta-BIS(PARADIMETHYLAMIDO-SULPHONOBENZYLAMINO)-ETHANE DIHYDROCHLORIDE see: XT5764000
BIS-DL-PENICILLAMINE MERCURY CHLORIDE see: OV7369200
BIS(PENTACHLOR-2,4-CYCLOPENTADIEN-1-YL) see: DT8225000
BIS(PENTACHLOROCYCLOPENTADIENYL) see: DT8225000
BIS(PENTACHLORO-2,4-CYCLOPENTADIEN-1-YL) see: DT8225000
BISPENTAFLUOROSULFUR OXIDE see: WS4920000
BIS(2,4-PENTANEDIONATO)TITANIUM OXIDE see: XR2330000
4,5-BIS(1-PENTENYLOXY)-2-IMIDAZOLIDINONE see: NJ0607500
BISPHENOL see: SL6300000
BISPHENOL A see: SL6300000
4,4'-BISPHENOL A see: SL6300000
BISPHENOL A DIGLYCIDYL ETHER see: TX3800000
BISPHENOL DIGLYCIDYL ETHER, modified see: KN3550000
BIS(PHENOXARSIN-10-YL) ETHER see: SP6800000
BIS(10-PHENOXARSYL) OXIDE see: SP6800000
BIS(10-PHENOXYARSINYL) OXIDE see: SP6800000
10,10'-BIS(PHENOXYARSINYL) OXIDE see: SP6800000
BIS(p-PHENOXYPHENYL)DIPHENYLTIN see: WH6733500
BIS(L-3-PHENYLALANINATO)COBALT see: GF9547200
1,4-BIS(PHENYLAMINO)BENZENE see: ST2275000
N,N-BIS(2-(((PHENYLAMINO)CARBONYL)OXY)ETHYL)-2-CHLORO-10H-PHENOTHIAZINE-10-CARBOXAMIDE see: SN7268800
N,N-BIS(2-(((PHENYLAMINO)CARBONYL)OXY)ETHYL)-2-METHOXY-10H-PHENOTHIAZINE-10-CARBOXAMIDE see: SN7268900
N,N-BIS(2-(((PHENYLAMINO)CARBONYL)OXY)ETHYL)-10H-PHENOTHIAZINE-10-CARBOXAMIDE see: SN7268700
BISPHENYL-(2-CHLORPHENYL)-1-IMIDAZOLYL-METHAN (German) see: NI4377000
2,5-BISPHENYLIMINOPIPERAZINE see: TK9980000
BIS(PHENYLMERCURI)METHYLENEDINAPHTHALENESULFONATE see: OW6300000
beta-(2,4-BIS(PHENYLMETHOXY)BENOZYL)-1,3-BENZODIOXOLE-5-ACETALDEHYDE see: DF4739000
1,3-BENZODIOXOLE-5-ACETALDEHYDE, beta-(2,4-BIS(PHENYLMETHOXY)BENZOYL)-
2,4-BIS(PHENYLMETHOXY)-beta-(3,4-DIMETHOXYPHENYL)-gamma-OXOHYDROCINNAMALDEHYDE see: MW4895400 HYDROCINNAMALDEHYDE, 2,4-BIS(PHENYLMETHOXY)-beta-(3,4-DIMETHOXYPHENYL)-gamma-OXO-
2,4-BIS(PHENYLMETHOXY)-beta-(p-METHOXYPHENYL)-gamma-OXOHYDROCINNAMALDEHYDE see: MW4895500HYDROCINNAMALDEHYDE, 2,4-BIS(PHENYLMETHOXY)-beta-(p-METHOXYPHENYL)-gamma-OXO-
1,3-BIS((4-PHENYL-1-PIPERAZINYL)METHYL)-7-METHYL-2-PHENYLINDOLIZINE see: NM2256900INDOLIZINE, 1,3-BIS((4-PHENYL-1-PIPERAZINYL)METHYL)-7-METHYL-2-PHENYL-
1,3-BIS((4-PHENYL-1-PIPERAZINYL)METHYL)-2-PHENYLINDOLIZINE see: NM2257100 INDOLIZINE, 1,3-BIS((4-PHENYL-1-PIPERAZINYL)METHYL)-2-PHENYL-
BIS(2-PHENYL-4-QUINOLINECARBOXYLATO)DICHLOROGOLD DIHYDROCHLORIDE see: MD5265000
BIS(PHENYLSELENIDE) see: JM9152500
2,5-BIS(PHENYLTHIO)-p-BENZOQUINONE see: DK3675000
BIS(PHENYLTHIO)DIMETHYLTIN see: WH6733700
N,N-BIS(PHOSPHONOMETHYL)GLYCINE see: MB9120000
BIS-(PIPERIDINIUM)HEXACHLOROSTANNATE see: TN4228000
3,6-BIS(2-(PIPERIDINO)ETHOXY)-9H-XANTHEN-9-ONE see: ZD5822000
1,2-BIS(4'-PIPERIDINOMETHYL-1',3'-DIOXOLANYL-2')ETHANE DIMETHIODIDE see: TN5185000
1,2-BIS(4'-PIPERIDINOMETHYL-1',3'-DIOXOLANYL-2')ETHYLENE DIMETHIODIDE see: TN6235000
1,3-BIS(PIPERIDINOMETHYL)-5-ETHYL-5-PHENYLBARBITURIC ACID see: CQ0660000
2,2-BIS(PIPERIDINOMETHYL)-3-PIPERIDINO-1-PROPANOL see: UA7380000
BIS(PIPERIDINOTHIOCARBONYL)DISULFIDE see: JO1585000
2,6-BIS(1-PIPERIDYLMETHYL)-4-(alpha,alpha-DIMETHYLBENZYL)PHENOL DIHYDROBROMIDE see: EJ7800000
cis-BIS(1,3-PROPANEDIAMMINE)DICHLORODIHYDROXOPLATINUM (IV) see: TP2261000
trans-BIS(1,3-PROPANEDIAMMINE)DICHLORODIHYDROXOPLATINUM (IV) see: TP2262000
BIS(2-PROPANOL)AMINE see: UB6600000
BIS(2-PROPOXYETHYL) 1,4 DIHYDRO-2,6-DIMETHYL-4-(3-NITROPHENYL)-3,5-PYRIDINEDICARBOXYLATE see: US7972200
trans-1,2-BIS(n-PROPYLSULFONYL)ETHYLENE see: KU8085000
BIS(2-PYRIDAZINYLMETHYL) DISULPHIDE see: UQ3180000
1,3-BIS(PYRIDINYL)-PROPANE see: UU7450000
1,4-BIS(1-(2-PYRIDYL)ETHYL)PIPERAZINE see: TL0165000
BIS(2-PYRIDYLMETHYL)DISULPHIDE N,N'-DIOXIDE see: UT2967000
cis-BIS(PYRROLIDINE)DICHLOROPLATINUM (II) see: TP2263000
4-(3',5'-BIS((N-PYRROLIDINYL)METHYL)-4'-HYDROXYANILINO)QUINAZOLINE see: SJ7810000
2,6-BIS(1-PYRROLIDINYLMETHYL)-4-(4-QUINAZOLINYLAMINO)PHENOL see: SJ7810000
BIS(8-QUINOLINATO)COPPER see: VC5250000
BIS(8-QUINOLINOLATO)COPPER see: VC5250000
BIS(L-SERINATO)COBALT DIHYDRATE see: GF9549000
BIS(SUCCINYLDICHLOROCHOLINE) see: GA2360000
1,2-BIS-(N,N'-SYDNONIMIN)-AETHAN DIHYDROCHLORID (German) see: WU7679200
BISTERIL see: US7875000
1,3-BIS(TETRAHYDRO-2-FURANYL)-5-FLUORO-2,4-PYRIMIDINEDIONE see: YQ9050000
1,3-BIS(TETRAHYDRO-2-FURYL)-5-FLUOROURACIL see: YQ9050000
BIS-N,N,N',N'-TETRAMETHYLPHOSPHORODIAMIDIC ANHYDRIDE see: UX5950000
L-3,3-BIS(3'-THIENYL)-2-PROPENYL-(3-HYDROXY-3-PHENYLPROPYL-2)AMINE see: DO5464000
BISTHIOCARBAMYL HYDRAZINE see: EC1460000
cis-BIS(THIOCYANATO)DIAMMINEPLATINUM(II) see: TP2265000
trans-BIS(THIOCYANATO)DIAMMINEPLATINUM(II) see: TP2266000
BIS(THIOUREA) see: EC1460000
3,3-BIS(p-TOLYL)-5-BROMO-1-((DIETHYLAMINO)METHYL)-2-INDOLINONE see: NM2084150
3,3-BIS(p-TOLYL)-5-BROMO-1-(MORPHOLINOMETHYL)-2-INDOLINONE see: NM2084170
1,5-BIS(m-TOLYL)-3,7-DIAZAADAMANTAN-9-ONE see: HM0300000
BIS(p-TOLYL)DIBROMOTELLURIUM see: WY2630000
BIS(p-TOLYL)DIFLUOROTELLURIUM see: WY2631000
5,6-BIS(p-TOLYL)-3-METHOXY-as-TRIAZINE see: XY8620000
5,6-BIS(p-TOLYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY8623000

BEST COPY AVAILABLE

3,5-BIS(o-TOLYL)-s-TRIAZOLE see: XZ4120000
BISTON see: HN8225000 5H-DIBENZ(b,f)AZEPINE-5-CARBOXAMIDE
BIS-(TRI-n-BUTYLCIN)OXID (Czech) see: JN8750000
BIS(TRIBUTYLOXIDE) of TIN see: JN8750000
BIS(TRIBUTYL(SEBACOYLDIOXY))TIN see: WH8602000
BIS((TRI-n-BUTYLSTANNYL)CYCLOPENTADIENYL)IRON see: LK0725000
BIS(TRIBUTYLSTANNYL)OXIDE see: JN8750000
BIS(TRIBUTYLTIN) ITACONATE see: WH8585250
BIS(TRIBUTYLTIN)OXIDE see: JN8750000
BIS(TRI-n-BUTYLZINN)-OXYD (German) see: JN8750000
BIS-2,3,5-TRICHLOR-6-HYDROXYFENYLMETHAN (Czech) see: SM0700000
N,N'-BIS(TRICHLOROACETYL)-o-PHENYLENEDIAMINE see: AC7730000
BIS(2,2,2-TRICHLOROETHYL)CARBONATE see: FF8925000
1,3-BIS(2,2,2-TRICHLORO-1-HYDROXYETHYL)UREA see: YS2787000
BIS(3,5,6-TRICHLORO-2-HYDROXYPHENYL)METHANE see: SM0700000
BIS(TRICHLOROMETHYL) SULFONE see: WR4920000
1,3-BIS(2,4,5-TRICHLOROPHENOXY)-1,1,3,3-TETRABUTYLDISTANNOXANE see: JN8738000
BIS(TRI-(beta-CHLOROVINYL)ARSINE)PALLADOUS CHLORIDE see: RT3850000
BIS(TRIETHYLTIN) SULFATE see: XQ7175000
BIS(TRIFLUOROACETOXY)DIBUTYLTIN see: WH6734000
2,2'-BIS(1,6,7-TRIHYDROXY-3-METHYL-5-ISOPROPYL-8-ALDEHYDONAPHTHALENE see: DU3100000
BIS(TRIISOBUTYLSTANNANE) see: JN8730000
N,N'-BIS(3-(3,4,5-TRIMETHOXYBENZOYLOXY)PROPYL)HOMOPIPERAZINE DIHYDROCHLORIDE see: DI0250000
1,4-BIS(3-(3,4,5-TRIMETHOXYBENZOYLOXY)-PROPYL)PERHYDRO-1,4-DIAZEPINE DIHYDROCHLORIDE see: DI0250000
2,3-BISTRIMETHYLACETOXYMETHYL-1-METHYLPYRROLE see: UX9495000
alpha, omega-BIS(TRIMETHYL AMMONIUM)HEXANE DIBROMIDE see: BQ8575000
alpha,omega-BIS(TRIMETHYLAMMONIUM)HEXANE DICHLORIDE see: BQ8650000
BIS(3,5,5-TRIMETHYL-1,2-DIOXOLANYL-3)PEROXIDE, as a paste with at least 50% phlegmatizer(DOT) see: JM7520000
BIS(3,5,5-TRIMETHYLHEXANOYL)PEROXIDE, technical pure or in solution (DOT) see: MP4666000
BIS(TRIMETHYLHEXYL)TIN DICHLORIDE see: WH7230000
BIS(TRIMETHYLSILYL)ACETAMIDE see: AK3000000
N,O-BIS(TRIMETHYLSILYL)ACETAMIDE see: AK3000000
1,1-BIS(TRIMETHYLSILYL)-3-BENZOYL-2-THIOUREA see: YS2789000
1,1-BIS(TRIMETHYLSILYL)-3-(o-CHLOROPHENYL)-2-THIOUREA see: YS2789100
1,1-BIS(TRIMETHYLSILYL)-3-CYCLOHEXYL-2-THIOUREA see: YS2789200
1,1-BIS(TRIMETHYLSILYL)-3-ETHYL-2-THIOUREA see: YS2789400
1,1-BIS(TRIMETHYLSILYL)-3-(m-FLUOROPHENYL)-2-THIOUREA see: YS2789500
1,1-BIS(TRIMETHYLSILYL)-3-(p-FLUOROPHENYL)-2-THIOUREA see: YS2789510
1,1-BIS(TRIMETHYLSILYL)-3-(m-METHOXYPHENYL)-2-THIOUREA see: YS2789700
1,1-BIS(TRIMETHYLSILYL)-3-(m-TOLYL)-2-THIOUREA see: YS2790000
BIS(2,4,6-TRINITRO-PHENYL)-AMIN (German) see: JJ9275000
BIS(2,4,6-TRINITROPHENYL)SULFIDE see: TJ9900000
BIS(2,4,6-TRINITROPHENYL)SULFIDE see: TJ9940000
BIS(TRIPHENYLSILYL)CHROMATE see: GB2685000
BIS(TRIPHENYLTIN)ACETYLENEDICARBOXYLATE see: WH8272500
BIS(TRIPHENYLTIN)SULFATE see: XQ7380000
BIS(TRIPHENYLTIN)SULFIDE see: JN8850000
BIS(TRIPROPYLTIN)OXIDE see: JN8800000
BIS-(TRIS(p-DIMETHYLAMINOPHENYL)PHOSPHINE OXIDE)STANNIC CHLORIDE COMPLEX see: SZ1790000
BIS(TRIS(beta,beta-DIMETHYLPHENETHYL)TIN)OXIDE see: JN8770000
BIS(TRIS(2-METHYL-2-PHENYLPROPYL)TIN)OXIDE see: JN8770000
BISTRIUM CHLORIDE see: BQ8650000
BIS(L-TRYTOPHANATO)COBALT see: GF9563000
BIS(L-TYROSINATO)COBALT see: GF9566500
BIS(L-TYROSINATO)MANGANESE see: OO9420000
BISULFITE see: WQ6870000
BISULFITE see: WS4550000
BISULFITE DE SODIUM (French) see: VZ2000000
BISULPHITE see: WQ6870000
BIS(DL-VALINATO)COBALT TRIHYDRATE see: GF9565750
1,1-BIS(2,4-XYLYL)-2,2,2-TRICHLOROETHANE see: KH6400000
1,1-BIS(3,4-XYLYL)-2,2,2-TRICHLOROETHANE see: KH6440000
BITEMOL see: XY5250000
BITEMOL S 50 see: XY5250000
(4,4'-BITHIAZOLE)-2,2'-DIAMINE (9CI) see: XJ3960000
BITHION see: TF6890000
BITHIONOL see: SN0525000
BITHIONOL SULFIDE see: SN0525000
BITIN see: SN0525000
BITIODIN see: TM7870000
BITIS ARIETANS VENOM see: YX4260000
BITIS CAUDALIS VENOM see: YX4261000
BITIS GABONICA VENOM see: YX4263000

EC0874500 alpha,alpha'-Bi-p-TOLUIC ACID, BIS(3-DIBUTYLAMINOPROPYL) ESTER, HYDROCHLORIDE
UPDT:8407 MW: 645.46 MOLFM: C38 H60 N2 O4 Cl·H
SYN: BIS(DI-n-BUTYLAMINO-n-PROPYL) 4,4'-DIBENZYLDICARBOXYLATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:465 mg/kg JAPMA8 45,382,56
1C17 ivn-mus LD50:28 mg/kg JAPMA8 45,382,56

EC0874550 alpha,alpha'-Bi-p-TOLUIC ACID, BIS(2-DIETHYLAMINOETHYL) ESTER, HYDROCHLORIDE
UPDT:8405 MW: 505.16 MOLFM: C28 H40 N2 O4 Cl·H
SYN: BIS(DIETHYLAMINOETHYL) 4,4'-DIBENZYLDICARBOXYLATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:446 mg/kg JAPMA8 45,382,56
1C17 ivn-mus LD50:73 mg/kg JAPMA8 45,382,56

EC0874600 alpha,alpha'-Bi-p-TOLUIC ACID, BIS(2-DIMETHYLAMINOETHYL) ESTER, HYDROCHLORIDE
UPDT:8405 MW: 449.04 MOLFM: C24 H32 N2 O4 Cl·H
SYN: BIS(DIMETHYLAMINOETHYL) 4,4'-DIBENZYLDICARBOXYLATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:675 mg/kg JAPMA8 45,382,56
1C17 ivn-mus LD50:71 mg/kg JAPMA8 45,382,56

EC0874800 alpha,alpha'-Bi-p-TOLUIC ACID, ESTER with 2-METHYL-1-PIPERIDINEPROPANOL, HYDROCHLORIDE
UPDT:8405 MW: 585.30 MOLFM: C34 H48 N2 O4 Cl·H
SYN: BIS(alpha-METHYLPIPERIDINO-n-PROPYL) 4,4'-DIBENZYLDICARBOXYLATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:175 mg/kg JAPMA8 45,382,56
1C17 ivn-mus LD50:19 mg/kg JAPMA8 45,382,56

4,4'-Bi-o TOLUIDINE see: DD1225000
(m,o'-BITOLYL)-4-AMINE see: DU9100000

EC1210000 m,m'-BITOLYL-4,4'-DIOL, alpha,alpha'-BIS(DIETHYLAMINO)-5,5'-DIALLYL-, DIHYDROCHLORIDE
UPDT:8408 CAS: 3624-96-2 MW: 509.62 MOLFM: C28 H40 N2 O2 2Cl·H
SYN: BIALAMICOL HYDROCHLORIDE * BIALLYLAMICOL DIHYDROCHLORIDE * BIALLYLAMICOL HYDROCHLORIDE * (1,1'-BIPHENYL)-4,4'-DIOL, 3,3'-BIS(DIETHYLAMINO)METHYL-5,5'-DI-2-PROPENYL- 2HCl (9CI) * alpha,alpha-BIS(DIETHYLAMINO)-5,5'-DIALLYL-m,m'-BITOLYL-4,4'-DIOL DIHYDROCHLORIDE * CAMOFORM HYDROCHLORIDE * PAA 701 DIHYDROCHLORIDE * SN 6771 DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1649 mg/kg ANTCAO 7,113,57
3F17J22J30 orl-mus LD50:3950 mg/kg ANTCAO 7,113,57

beta-BITTER ACID see: OK5950000
BITTER ALMOND OIL see: RI6649000
BITTER ALMOND OIL CAMPHOR see: DI1590000
BITTER ALMOND OIL FFPA see: RI6660000
BITTER FENNEL OIL see: LJ2550000
BITTER ORANGE OIL see: RJ3392000
BITTER PEAR MELON see: UK9596000
BITUMEN see: CI9900000
BIUNO see: XI7350000
delta(1,1')-BIUREA see: LQ1040000

EC1450000 BIUREA, 1,6-DIMETHYL-1,6-DINITROSO-
UPDT:8401 CAS: 3844-60-8 MW: 204.18 MOLFM: C4 H8 N6 O4
SYN: 1,6-DIMETHYL-1,6-DINITROSOBIUREA * HYDRAZODICARBONSAEUREBIS(METHYLNITROSAMID) (German) * HYDRAZODICARBOXYBIS(METHYLNITROSAMIDE)
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:420 mg/kg 28W-I ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
scu-rat LD50:200 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EC1460000 BIUREA, 2,5-DITHIO-
UPDT:8412 CAS: 142-46-1 MW: 150.24 MOLFM: C2 H6 N4 S2
SYN: BISTHIOCARBAMYL HYDRAZINE * BIS(THIOUREA) * 2,5-DITHIOBIUREA * 1,2-HYDRAZINEDICARBOTHIOAMIDE * NCI-C03009 * USAF B-44 * USAF EK-P-6281
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-mus TDLo:655 gm/kg 78W-C NCITR* NCI-CG-TR-132,79
2V03L60 orl-mus TD:1310 gm/kg 78W-C NCITR* NCI-CG-TR-132,79
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:50 mg/kg NTIS** AD277,689
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS INDEFINITE,MOUSE (NCITR* NCI-CG-TR-132,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS NEGATIVE,RAT (NCITR* NCI-CG-TR-132,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EC1490000 BIUREA, 1-METHYL-6-(1-METHYLALLYL)-2,5-DITHIO-
UPDT:8411 CAS: 926-93-2 MW: 218.37 MOLFM: C7 H14 N4 S2
SYN: AIMAX * AY 61122 * COMPOUND 33,828 * DITHIOCARBAMOYLHYDRAZINE * I.C.I. 33,828 * I.C.I. COMPOUND 33828 * MATCH * METALLBURE * METHALLBURE * (1-methyl-2-METHYLALLYL)(THIOCARBAMOYL)-2-METHYLTHIOCARBAMOYLHYDRAZINE * N-(1-METHYLALLYL)(THIOCARBAMOYL)-N'-(METHYLTHIOCARBAMOYL)HYDRAZINE * 1-METHYL-6-(1-METHYLALLYL)DITHIOBIUREA * 1-METHYL-6-(1-METHYLALLYL)-2,5-DITHIOBIUREA * NSC 69536 * SUISYNCHRON * TURISYNCHRON
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	unk-wmn TDLo:30 mg/kg (30D pre)	JRPFA4 5,459,63
2T02T03	orl-rat TDLo:120 mg/kg (10D male)	JRPFA4 38,395,74
1T21	orl-rat TDLo:96 mg/kg (15D pre)	JRPFA4 11,73,66
1T03	orl-rat TDLo:160 mg/kg (10D male)	NATUAS 192,1191,61
3T22T24T26	orl-rat TDLo:300 mg/kg (1-3D preg)	JRPFA4 7,211,64
2T31T34	orl-rat TDLo:300 mg/kg (4-6D preg)	JRPFA4 7,211,64
1T25	orl-rat TDLo:300 mg/kg (3-5D preg)	JRPFA4 7,211,64
3T12T13T19	orl-rat TDLo:800 mg/kg (20D pre)	JRPFA4 37,105,74
2T12T13	scu-rat TDLo:275 mg/kg (11D pre)	JOENAK 32,275,65
1T21	scu-rat TDLo:120 mg/kg (15D pre)	JRPFA4 11,73,66
2T12T29	scu-rat TDLo:28 mg/kg (14D pre)	CCPTAY 4,97,71
1T13	scu-rat TDLo:70 mg/kg (14D pre)	CCPTAY 4,97,71
2T02T03	scu-rat TDLo:500 mg/kg (5D male)	JRPFA4 28,177,72
2T76T81	scu-rat TDLo:275 mg/kg (11D post)	JOENAK 32,275,65
1T21	orl-mus TDLo:480 mg/kg (15D pre)	JRPFA4 11,73,66
1T02	scu-mus TDLo:4 gm/kg (20D male)	ABILAE 85,343,74
1T03	scu-mus TDLo:2 gm/kg (10D male)	ABILAE 85,343,74
2T12T13	scu-mus TDLo:1800 mg/kg (15D pre)	AEFTAA 8,111,77
1T04	orl-dog TDLo:24 mg/kg (16D male)	CNVJA9 8,91,67
1T02	itt-dog TDLo:18 mg/kg (1D male)	IJEBA6 17,937,79
1T09	orl-mky TDLo:3 gm/kg (30D male)	ENDKAC 69,157,77
1T03	orl-mky TDLo:240 mg/kg (15D male)	JRPFA4 16,165,68
2T01T09	ivn-rbt TDLo:1 mg/kg (1D male)	JRPFA4 20,105,69
2T25T34	orl-pig TDLo:5 mg/kg (25-34D preg)	CNVJA9 12,125,71
3T44T46T53	orl-pig TDLo:33 mg/kg (30-49D preg)	RVTSA9 13,169,72
3T77T81T86	orl-pig TDLo:33 mg/kg (30-49D preg)	RVTSA9 13,169,72
1T14	orl-pig TDLo:15467 ug/kg (16D pre)	JANSAG 28,353,69
1T29	orl-pig TDLo:31 mg/kg (16D pre)	JANSAG 28,353,69
2T02T09	orl-pig TDLo:42 mg/kg (42D male)	CNVJA9 10,4,69
1T17	unk-pig TDLo:8333 ug/kg (5D post)	JRPFA4 17,551,68
2T02T03	scu-grb TDLo:1 gm/kg (10D male)	ABILAE 85,343,74
1T09	scu-grb TDLo:1240 mg/kg (20D male)	FOBGAB 22,361,74
2T01T02	ivn-dom TDLo:1 mg/kg (1D male)	JRPFA4 20,95,69
1T02	scu-mam TDLo:962 mg/kg (25D male)	ABILAE 85,343,74
1T03	scu-mam TDLo:385 mg/kg (10D male)	ABILAE 85,343,74

TOXICITY DATA AND REFERENCES:
1K07 orl-rat LD50:1 gm/kg NATUAS 192,1191,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EC1575000 BIURET, 2,4-DITHIO-
UPDT:8406 CAS: 541-53-7 MW: 135.22 MOLFM: C2 H5 N3 S2
SYN: DITHIOBIURET * DTB * RCRA WASTE NUMBER P049 * UREA, 2-THIO-1-THIOCARBAMOYL-
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5 mg/kg JPETAB 90,260,47
3D18F17U01 ipr-rat LD50:29 mg/kg TXAPA9 57,63,81
ipr-mus LDLo:50 mg/kg NTIS** AD277,689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EC1750000 BIURET, 1-ETHYL-1-NITROSO-
UPDT:8406 CAS: 32976-88-8 MW: 160.16 MOLFM: C4 H8 N4 O2
SYN: ENBU * ETHYLNITROSOBIURET * N-ETHYL-N-NITROSOBIURET * N-NITROSO-N-ETHYLBIURET
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:300 mg/kg (14D preg) IARCCD 4,45,73
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:400 mg/kg ZKKOBW 76,45,71
3V01T65A60 orl-rat TDLo:100 mg/kg (22D preg) IARCCD 4,45,73
3V03T65A60 orl-rat TD:100 mg/kg (15D preg) ZKKOBW 76,45,71
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1050 mg/kg IARCCD 4,45,73

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EC1925000 BIURET, 1-METHYL-1-NITROSO-
UPDT 8408 CAS: 13860-69-0 MW: 146.13 MOLFM: C3-H6-N4-O3
SYN: N-METHYL-N-NITROSOBIURET * 1-METHYL-1-NITROSOBIURET * N-METHYL-N-NITROSO-N-CARBAMOYLUREA * N-NITROSO-N-METHYLBIURET

MUTATION DATA AND REFERENCES:

mmo-omi	2500 ppm/2H-C	ANTBAL 24,168,79
mmo-omi	5000 ppm/4H-C	ANTBAL 24,168,79
mmo-omi	500 ppm/2H-C	ANTBAL 24,168,79
mmo-omi	5000 ppm/2H	ANTBAL 21,795,76
mmo-omi	5000 ppm/24H-C	SOGEBZ 10,522,74
mmo-omi	500 ppm/1H	SOGEBZ 12,772,76
mmo-omi	1 pph	ANTBAL 27(10),10,82

TUMORIGENIC DATA AND REFERENCES:

3V03K60M61	orl-rat TDLo:25 mg/kg	ZEKBAI 75,229,71
3V03A60K60	orl-rat TD :1300 mg/kg/52W-I	27NZAH 2,73,72
3V03A60K60	orl-rat TD :1200 mg/kg/1Y-I	ZEKBAI 75,229,71

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:450 mg/kg	27NZAH 2,73,72

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BIVATIN see: XI7350000
BIVERM see: SN5075000
BIVINYL see: EI9275000
BIVITA see: XI7350000

EC2460000 (7,7'-BI-4aH-XANTHENE)-4a,4'a-DICARBOXYLIC ACID, 2,2',3,3',4,4',9,9'-OCTAHYDRO-1,1',4,4',8, 8'-HEXAHYDROXY-3,3'-DIMETHYL-9,9'-DIOXO-, DIMETHYL ESTER, (3S-(3-alpha,4-beta,4a-beta, 7(3'R,4'S,4'aS)))
UPDT 8310 CAS: 35287-69-5 MW: 638.62 MOLFM: C32-H30-O14
SYN: ERGOCHROME AA (2,2')-5-beta-6-alpha,10-beta-5',6'-alpha,10'-beta * SAD * SECALONIC ACID D

MUTATION DATA AND REFERENCES:

	mnt-mus-orl 30 mg/kg	JEPTDQ 4(5-6),31,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T35T49	scu-rat TDLo:25 mg/kg (10D preg)	TXCYAC 25,311,82
3T34T42T46	scu-rat TDLo:15 mg/kg (10D preg)	TXCYAC 25,311,82
2T50T53	scu-rat TDLo:15 mg/kg (10D preg)	TXCYAC 25,311,82
2T41T43	scu-rat TDLo:25 mg/kg (9D preg)	TXCYAC 25,311,82
2T25T34	ipr-mus TDLo:45 mg/kg (7-15D preg)	JTEHD6 7,445,81
2T26T42	ipr-mus TDLo:63 mg/kg (7-15D preg)	JTEHD6 7,445,81
1T43	ipr-mus TDLo:72 mg/kg (7-15D preg)	JTEHD6 7,445,81
1T46	ipr-mus TDLo:54 mg/kg (7-15D preg)	JTEHD6 7,445,81

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:22 mg/kg	TXAPA9 48,A14,79
	orl-mus LD50:30 mg/kg	TXAPA9 48,A14,79
3H05J07J30	ipr-mus LD50:26500 ug/kg	AEMIDF 39,285,80
	ivn-mus LD50:25 mg/kg	JTEHD6 5,1159,79

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EC2462000 (7,7'-BI-4aH-XANTHENE)-4a,4'a-DICARBOXYLIC ACID, 2,2',3,3',4,4',9,9'-OCTAHYDRO-1,1',4,4',8, 8'-HEXAHYDROXY-3,3'-DIMETHYL-9,9'-DIOXO-, DIMETHYL ESTER, (3R-(3-alpha,4-beta,4-alpha,beta, 7(3'R*,4'S*,4'aS*)))-
UPDT 8309 CAS: 35287-72-0 MW: 638.62 MOLFM: C32-H30-O14
SYN: ENTOTHEIN * ERGOCHROME AA(2,2') * SECALONIC ACID A

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:50 mg/kg	85GDA2 5,413,81

EC2480000 BIXA ORELLANA Linn., extract excluding roots
DEF: Indian plant belonging to the family BIXACEAE (IJEBA6 15,208,77)
UPDT 8408
SYN: JAFARA, extract excluding roots

TOXICITY DATA AND REFERENCES:

1M30	ipr-mus LD50:375 mg/kg	IJEBA6 15,208,77

BIZOLIN 200 see: UQ8225000
BK see: EE1530000
BK8 see: YO7525000
BK15 see: YO7350000
BK-41 see: FD8944000 CARBANILIC ACID, o-(HEXYLOXY)-, 3-PIPERIDINOPROPYL ESTER,HYDROCHLORIDE
BK-48 see: FD8942150 CARBANILIC ACID, o-(HEPTYLOXY)-, 1-METHYL-2-PIPERIDINOETHYL ESTER,HYDROCHLORIDE
BK-51 see: FD9774400 CARBANILIC ACID, o-(OCTYLOXY)-, 3-PIPERIDINOPROPYL ESTER,HYDROCHLORIDE
BK-53 see: FD8942300 CARBANILIC ACID, o-(HEPTYLOXY)-, 3-PIPERIDINOPROPYL ESTER,HYDROCHLORIDE
BK-54 see: FD8942050 CARBANILIC ACID, o-(HEPTYLOXY)-, 2-(2,4-DIMETHYLPIPERIDINO)ETHYLESTER, HYDROCHLORIDE
BK-58 see: FD8942100 CARBANILIC ACID, o-(HEPTYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYLESTER, HYDROCHLORIDE
BK-59 see: FD8943800 CARBANILIC ACID, o-(HEXYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYLESTER, HYDROCHLORIDE
BK-60 see: FD9778450 CARBANILIC ACID, o-(PENTYLOXY)-, 3-PIPERIDINOPROPYL ESTER,HYDROCHLORIDE
BK-61 see: FD9778050 CARBANILIC ACID, o-(PENTYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYLESTER, HYDROCHLORIDE
BK-62 see: FD9774200 CARBANILIC ACID, o-(OCTYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYLESTER, HYDROCHLORIDE
BK-64 see: FD9778520 CARBANILIC ACID, o-(PENTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER,HYDROCHLORIDE
BK-65 see: FD8944500 CARBANILIC ACID, o-(HEXYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER,HYDROCHLORIDE
BK-66 see: FD8942400 CARBANILIC ACID, o-(HEPTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER,OXALATE (1:1)
BK-67 see: FD9774600 CARBANILIC ACID, o-(OCTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER,OXALATE (1:1)
BK-70 see: FD9772400 CARBANILIC ACID, o-(NONYLOXY)-, 3-PIPERIDINOPROPYL ESTER,HYDROCHLORIDE
BK-71 see: FD9772100 CARBANILIC ACID, o-(NONYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYLESTER, HYDROCHLORIDE
BK-95 see: FD8940400 CARBANILIC ACID, o-(HEPTYLOXY)-, 2-(DIETHYLAMINO)-1-METHYLETHYL ESTER,HYDROCHLORIDE
BKF see: PA3500000
B-K LIQUID see: NH3486300
B-K POWDER see: NH3485000
gamma-BL see: LU3500000
BL 9 see: MD0875000
BL 139 see: YV4400000
BL 141 see: TU5555000
BL 191 see: XH2475000
BL 700 see: BP0694200
BLA see: OF8750000
BL-A 2 see: NM7521470
BL 3849A see: TX8032000
BL-4712A see: NL5998650
BLACAR 1716 see: KV0350000

EC3050000 BLACHIA DENUDATA Benth., extract excluding roots
DEF: Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 12,512,74)
UPDT 8302

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:40 mg/kg	IJEBA6 12,512,74

EC3060000 BLACHIA UMBELLATA Bail., extract excluding roots
DEF: Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 15,208,77)
UPDT 8408

TOXICITY DATA AND REFERENCES:

1M10	ipr-mus LD50:500 mg/kg	IJEBA6 15,208,77

1743 BLACK see: QJ5950000
BLACK BIRCH OIL see: RJ3698000
BLACK 2EMBL see: QJ6160000
BLACK 4EMBL see: QJ6160000
BLACK LEAD see: GF5250100
BLACK LEAF see: QS5250000
BLACK LEAF 40 see: QS5250000
BLACK MANGANESE OXIDE see: OP0350000
BLACK OXIDE of IRON see: NO7400000

EC3450000 BLACK PEPPER OIL
UPDT 8305 CAS: 8006-82-4

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 16,651,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BLACK PN see: QJ5950000
BLACK POWDER (DOT) see: TT3710000
BLACK WATTLE STEM BARK EXTRACT see: AA7681400
BLACK and WHITE BLEACHING CREAM see: MX3500000
BLACOSOLV see: KX4550000
BLADAFUM see: XN4375000
BLADAFUME see: XN4375000
BLADAFUN see: XN4375000
BLADAN see: TE4550000
BLADAN see: TF4550000
BLADAN see: UX6825000
BLADAN see: XF1575000
BLADAN BASE see: XF1575000
BLADAN F see: TF4550000
BLADAN-M see: TG0175000
BLADDERON see: DJ2450000
BLADEX see: UG1490000
BLADEX G see: AG8400000
BLADEX H see: AJ8420000
BLADEX 80WP see: UG1490000
BLANC FIXE see: CR0600000

EC4850000 BLANCOL
UPDT 8309 CAS: 9084-06-4 MOLFM: (C10-H8-O3-S . C-H2-O)x . xNa
SYN: BLANCOL DISPERSANT * SODIUM SALT of SULFONATED NAPHTHALENEFORMALDEHYDE CONDENSATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3800 mg/kg	FMCHA2 -:C33,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BLANCOL DISPERSANT see: EC4850000
BLANCOSOLV see: KX4550000
BLANDING'S TREE SNAKE VENOM see: YX3963100
BLANDLUBE see: PY8030000
BLANOSE BS 190 see: FJ5950000
BLANOSE BWM see: FJ5950000
BLA-S see: EC4900000
BLASCORID see: TN1304400

EC4885000 BLASTANIA GARCINI Cogn., extract
DEF: Indian plant belonging to the family CUCURBITACEAE (IJEBA6 12,512,74)
UPDT 8302

TOXICITY DATA AND REFERENCES:

2M10U26	ipr-mus LD50:750 mg/kg	IJEBA6 12,512,74

BLASTICIDIN see: EC4900000

EC4900000 BLASTICIDIN S
UPDT 8405 CAS: 2079-00-7 MW: 422.31 MOLFM: C17-H26-N8-O5
SYN: BLA-S * BLASTICIDIN * CYTOVIRIN * TOA BLA S

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:16 mg/kg	GUCHAZ 6,48,73
	skn-rat LD50:3100 mg/kg	28ZEAL 5,27,76
*	orl-mus LD50:38 mg/kg	JANTAJ 30,1022,77
	skn-mus LD50:220 mg/kg	28ZEAL 5,27,76
*	ivn-mus LD50:2820 ug/kg	JAJAAA 11,1,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EC4910000 BLASTICIDIN S-3
UPDT 8309 MW: 685.84 MOLFM: C31-H26-N8-O5-C13-H13-N-O3-S
SYN: BLASTICIDIN S BENZYL p-AMINOBENZENE SULFONATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:53300 ug/kg	GUCHAZ 6,48,73
*	orl-mus LD50:51900 ug/kg	FMCHA2 -:C33,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BLASTICIDIN-S BENZYL p-AMINOBENZENE SULFONATE see: EC4910000
BLASTING GELATIN see: QX2100000
BLASTING GELATIN (DOT) see: QX2100000
BLASTING OIL see: QX2100000
BLASTING POWDER see: TT3710000
BLASTING POWDER (DOT) see: TT3710000
BLASTMYCIN, DEISOVALERY- see: VN7007000
BLASTOESTIMULINA see: YU9625000
BLATTANEX see: FC3150000
BLATTERALKOHOL see: MP8400000
BLAUSAEURE (German) see: MW6825000
BLAUWZUUR (Dutch) see: MW6825000
BLAZING RED see: QL3436000
BL 700 B see: BP0694200

BEST COPY AVAILABLE

BLEACHING POWDER see: NH3485000
BLEACHING POWDER (DOT) see: NH3485000

EC5982500 BLECHNUM ORIENTALE Linn., extract
DEF: Indian plant belonging to the family BLECHNACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:600 mg/kg IJEBA6 7,250,69

BLEIACETAT (German) see: AI5250000
BLEIAZETAT (German) see: OF8050000
BLEIPHOSPHAT (German) see: OG3675000
BLEISTEARAT (German) see: WI4300000
BLEISTIFTBAUMS (German) see: LE5946000
BLEISULFAT (German) see: OG4375000
BLEKIT EVANSA (Polish) see: QJ6440000
BLEMINOL see: UR0785000
BLENDED RED OXIDES of IRON see: NO7400000
BLENDEX see: AT6970000
BLENDEX 101 see: AT6970000
BLENDEX 111 see: AT6970000
BLENDEX 201 see: AT6970000
BLENDEX 211 see: AT6970000
BLENDEX 301 see: AT6970000
BLENDEX 311 see: AT6970000
BLENDEX 401 see: AT6970000
BLENDEX 425 see: AT6970000
BLENDEX 435 see: AT6970000
BLENDEX 101ABS see: AT6970000
BLENOXANE see: EC5988000
BLENOXANE see: EC5991990
BLEOMYCETIN see: EC5990500

EC5988000 BLEOMYCIN
UPDT:8412 CAS: 11056-06-7
SYN: BLENOXANE * BLM * NDC 0015-3010 * NSC 125066

IRRITATION DATA AND REFERENCES:
eye-rbt 1 mg MLD JJANAX 31,859,78

MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate PNASA6 79,7445,82
dns-sat 500 ng ECEBDI 50,271,82
pic-sat 1 ug/plate MUREAV 110,243,83
mmo-esc 100 ug/L MUREAV 107,1,83
dnr-esc 1 mg/L MUREAV 139,101,84
pic-esc 2 ng/plate MUREAV 88,325,81
mmo-bcs 1 unit/L MUREAV 95,191,82
dnd-bcs 20 mg/L BBRCA9 66,1432,75
dnd-omi 500 ug/L MOPMA3 17,388,80
dnd-omi 5 umol/L BBRCA9 77,1150,77
slt-dmg-unk 50 ppm/48H MUREAV 120,233,83
cyt-dmg:oth 50 mg/L MUREAV 107,93,83
sln-dmg-orl 25 mg/L ENMUDM 2,89,80
mmo-asn 2 mg/L MUREAV 85,233,81
oms-grh:oth 500 nmol/L ENMUDM 4,279,82
cyt-grh:oth 125 nmol/L ENMUDM 4,279,82
dni-ofs:spr 25 mg/L CNREA8 39,3768,79
dnd-hmn:hla 8 mg/L ECREAL 103,175,76
dnd-hmn:fbr 100 mg/L CNREA8 36,3834,76
dns-hmn:fbr 100 mg/L CNREA8 36,3834,76
dni-hmn:hla 20 umol/L MUREAV 92,427,82
dni-hmn:leu 30 mg/L GANNA2 66,717,75
dni-hmn:lym 10 mg/L ENMUDM 4,27,82
dni-hmn:fbr 10 mg/L CNREA8 42,335,82
dni-hmn:oth 350 ug/L 26QZAP 2,395,72
oms-hmn:oth 350 ug/L 26QZAP 2,395,72
dni-hmn:oth 350 ug/L 26QZAP 2,395,72
oms-hmn:oth 350 ug/L 26QZAP 2,395,72
oms-hmn:lym 50 mg/L CNREA8 37,1345,77
cyt-hmn:leu 100 ug/L MUREAV 28,107,75
cyt-hmn:lym 1 mg/L BUCABS 62,29,75
cyt-hmn:hla 25 mg/L/4H CNREA8 33,961,73
cyt-hmn-unk 2400 ug/kg/4W-I ONCOBS 35,228,78
cyt-hmn:oth 1 mg/L CNREA8 43,4244,83
cyt-hmn:fbr 50 mg/L CNREA8 44,591,84
dnd-rat-ipr 20 mg/kg BCPCA6 23,3147,74
dnd-rat:ast 150 mg/L/60M-C CNREA8 35,2015,75
dnd-rat:lvr 1 mg/L BCPCA6 23,3147,74
dnd-rat:oth 1 gm/L BBACAQ 781,265,84
dns-rat:lvr 100 ug BBACAQ 521,520,78
dns-rat:lvr 10 mg/L MAGDA3 8,363,78
cyt-rat:lvr 10 mg/L CNREA8 39,4218,79
cyt-rat:oth 10 mg/L CNREA8 39,4218,79
otr-mus:emb 2500 ug/L CNREA8 37,2202,77
dnd-mus:leu 50 mg/L CNREA8 38,841,78
dnd-mus:fbr 25 mg/L CNREA8 33,1696,73
dns-mus:oth 200 umol/L BBACAQ 521,520,78
dns-mus:leu 100 mg/L CNREA8 36,3834,76
dni-mus:oth 100 mg/L CNREA8 37,2998,77
dni-mus:lym 8 mg/L BCPCA6 24,911,75
dni-mus:oth 1100 umol/L BBACAQ 521,520,78
oms-mus-ipr 160 mg/kg VAAZA2 19,337,75
oms-mus:lym 100 mg/L CNREA8 34,878,74
dni-mus-ipr 160 mg/kg VAAZA2 19,337,75
dni-mus:fbr 100 mg/L ZKKOBW 92,309,78
cyt-mus/ast 37 mg/kg CNREA8 36,2248,76
cyt-mus:fbr 10 mg/L/4H CNREA8 33,961,73
cyt-mus-ipr 40 mg/kg TCMUDB 3,321,83
sce-mus-ipr 50 mg/kg MUREAV 103,191,82
mnt-ham-ipr 250 mg/kg MUREAV 27,285,75
mnt-ham-unk 500 mg/kg EESADV 3,122,79
dnd-ham:ovr 1500 ug/L NATUAS 271,83,78
dns-ham:ovr 25 mg/L/30M CNREA8 34,3433,74
dni-ham:ovr 25 mg/L CNREA8 36,2345,76
cyt-ham-lng 10 mg/L/30M HEREAY 94,21,81
cyt-ham:emb 2500 ug/L CNREA8 37,2202,77
cyt-ham-ipr 250 mg/kg MUREAV 27,285,75
cyt-ham:ovr 1 mg/L ENMUDM 2,455,80
cyt-ham-unk 500 mg/kg EESADV 3,122,79
sce-ham:ovr 10 umol/L NATUAS 258,121,75
sce-ham-unk 2500 ug/kg EESADV 3,122,79
sce-ham-ipr 7500 ug/kg MUREAV 27,285,75
msc-ham:ovr 5 mg/L CNREA8 43,577,83
dni-gal-ipr 30 mg/kg BCPCA6 24,911,75
dnd-mam:lym 15 mg/L CNREA8 35,2015,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ipr-mus TDLo:200 mg/kg (1D male) CNREA8 39,3575,79

TOXICITY DATA AND REFERENCES:
2J14J22 ivn-hmn LDLo:351 mg/kg AJCPAI 58,501,72
2J14J22 ims-hmn LDLo:418 mg/kg AJCPAI 58,501,72
* ipr-rat LD50:168 mg/kg 40WDA5 -,311,78
2P26S05 ipr-mus LD50:53800 ug/kg CTRRDO 61,103,77
ivn-mus LD50:53 mg/kg JANTAJ 31,667,78

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 26,97,81

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EC5988500 BLEOMYCIN A2
UPDT:8403 CAS: 11116-31-7 MW: 1415.74 MOLFM: C55-H84-N17-O21-S3
SYN: ZHENGGUANGMYCIN A2 (Chinese)

MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate MUREAV 117,9,83
dnd-esc 50 ug/L CNREA8 38,3900,78
dnd-omi 10 ug/L JANTAJ 24,587,71
dnd-omi 1670 nmol/L CNREA8 38,3322,78
dni-omi 10 ug/L JANTAJ 24,587,71
dnd-sal:spr 1 mol/L CNREA8 38,3322,78
dnd-hmn:hla 8 mg/L JANTAJ 22,446,69
dnd-rat/ast 10 mg/kg FEPRA7 33,581,74
dnd-rat:ast 13 mg/L PLCHB4 7,177,75
dnd-rat:lng 100 umol/L CBINAB 45,65,83
cyt-rat/ast 10 mg/kg FEPRA7 33,581,74
dnd-nml:lvr 25 mg/L CNREA8 38,3322,78
dnd-mam:lym 100 umol/L JPETAB 221,152,82

TOXICITY DATA AND REFERENCES:
1J14 ivn-man TDLo:2143 ug/kg CNREA8 36,1267,76
1V30 ipr-mus LD50:130 mg/kg YHHPAL 14,83,79
1V30 ivn-mus LD50:100 mg/kg YHHPAL 14,83,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BLEOMYCIN A5 see: EC5990500

EC5990300 BLEOMYCINAMIDE, N(sup 1)-(4-AMINO-6-((3-((4-AMINOBUTYL)AMINO)PROPYL)AMINO)-6-OXOHEXYL)- 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-19-DEMETHYL-12-HYDROXY-
UPDT:8408 CAS: 65057-90-1 MW: 1732.12 MOLFM: C68-H110-N22-O27-S2
SYN: ANTIBIOTIC BU 2231A * BU 2231A * TALISOMYCIN * TALISOMYCIN A * TALLYSOMYCIN A

MUTATION DATA AND REFERENCES:
mmo-sat 50 ng/plate MUREAV 117,9,83
dnd-esc 10 umol/L CNREA8 42,2779,82
dnd-omi 14400 pmol/L CNREA8 38,3322,78
dnd-sal:spr 1 mol/L CNREA8 38,3322,78
dni-hmn:lym 50 mg/L MUREAV 112,119,83
cyt-hmn:lym 25 mg/L MUREAV 112,119,83
cyt-hmn:lym 100 ug/L MUREAV 113,288,83
dnd-nml:lvr 25 mg/L CNREA8 38,3322,78

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:19 mg/kg JANTAJ 31,667,78
2U01V30 scu-mus LD50:28 mg/kg USXXAM #40517,7
* ivn-mus LD50:17 mg/kg JANTAJ 31,667,78

EC5990400 BLEOMYCINAMIDE, N(sup 1)-(4-AMINO-5-((4-AMINOBUTYL)CARBAMOYL)PENTYL)-13-((4-AMINO-4,6- DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-19-DEMETHYL-12-HYDROXY-, COPPER COMPLEX
UPDT:8303 CAS: 77368-68-4 MW: 1738.55 MOLFM: C65-H103-Cu-N21-O27-S2
SYN: TALLYSOMYCIN S(sub 10a) COPPER COMPLEX

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:27 mg/kg JANTAJ 35,82,88,82

EC5990450 BLEOMYCINAMIDE, N(sup 1)-(4-AMINOBUTYL)-13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)- 19-DEMETHYL-12-HYDROXY-
UPDT:8408 CAS: 76069-32-4 MW: 1546.81 MOLFM: C59-H91-N19-O26-S2
SYN: TALLYSOMYCIN S(sub 10b) * TALISOMYCIN S(sub 10b)

MUTATION DATA AND REFERENCES:
dnd-omi 107 nmol/L CNREA8 40,4173,80
dni-hmn:lym 30 mg/L MUREAV 112,119,83

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:123 mg/kg JANTAJ 34,665,81

EC5990500 BLEOMYCINAMIDE, N'-(3-((4-AMINOBUTYL)AMINO)PROPYL)-
UPDT:8411 CAS: 11116-32-8 MW: 1423.73 MOLFM: C57-H86-N18-O21-S2
SYN: N'-(3-((4-AMINOBUTYL)AMINO)PROPYL)BLEOMYCINAMIDE * BLEOMYCETIN * BLEOMYCIN A5 * PINGYANGMYCIN (Chinese) * ZHENGGUANGMYCIN A5 (Chinese)

MUTATION DATA AND REFERENCES:
cyt-ham:ovr 400 ug/L HKXUDL 3,78,83
sce-ham:ovr 400 ug/L HKXUDL 3,78,83

TOXICITY DATA AND REFERENCES:
3K13J22U25 unk-hmn TDLo:192 mg/kg ANTBAL 28(8),632,83
* ipr-rat LD50:117 mg/kg ANTBAL 24(5),363,79
* ivn-rat LD50:100 mg/kg ANTBAL 24(5),363,79
* ims-rat LD50:102 mg/kg ANTBAL 24(5),363,79
* orl-mus LD50:840 mg/kg ANTBAL 24(5),363,79
* ipr-mus LD50:88 mg/kg ANTBAL 24(5),363,79
* scu-mus LD50:77 mg/kg ANTBAL 24(5),363,79
* ivn-mus LD50:61500 ug/kg ANTBAL 24(5),363,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EC5990890 BLEOMYCINAMIDE, N(sup 1)-(3-((4-AMINOBUTYL)AMINO)PROPYL)-13-((4-AMINO-4,6-DIDEOXY-alpha-L- TALOPYRANOSYL)OXY)-19-DEMETHYL-12-HYDROXY-
UPDT:8406 CAS: 65057-91-2 MW: 1603.92 MOLFM: C62-H98-N20-O26-S2
SYN: ANTIBIOTIC BU 2231B * TALISOMYCIN B * TALLYSOMYCIN B

MUTATION DATA AND REFERENCES:
mmo-sat 50 ng/plate MUREAV 117,9,83
dnd-omi 14400 pmol/L CNREA8 38,3322,78
dnd-sal:spr 1 mol/L CNREA8 38,3322,78
dnd-nml:lvr 25 mg/L CNREA8 38,3322,78

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:46 mg/kg JANTAJ 30,779,77
* ivn-mus LD50:30 mg/kg JANTAJ 30,779,77
1J13 itr-mus LDLo:16 ug/kg TXAPA9 56,326,80

EC5990900 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-N(sup 1)-(4-AMINO-5- ((3-(BIS(2-HYDROXYETHYL)AMINO)PROPYL)CARBAMOYL)PENTYL)-19-DEMETHYL-12-HYDROXY-, COPPER COMPLEX
UPDT:8406 CAS: 77368-69-5 MW: 1812.64 MOLFM: C68-H109-Cu-N21-O29-S2

BEST COPY AVAILABLE

SYN: TALLYSOMYCIN S(sub 8a) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:42 mg/kg JANTAJ 35,82-88,82

EC5990910 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-N(sup 1)-(4-AMINO-5-((3-(DIMETHYLSULFONIO)PROPYL)CARBAMOYL)PENTYL)-19-DEMETHYL-12-HYDROXY-, CHLORIDE, COPPER COMPLEX
UPDT:8406 CAS: 77368-65-1 MW: 1794.07 MOLFM: C65-H105-Cu-N20-O27-S3-Cl
SYN: TALLYSOMYCIN S(sub 2a) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg JANTAJ 35,82-88,82

EC5990920 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-N(sup 1)-(2-AMINOETHYL)- 19-DEMETHYL-12-HYDROXY-, COPPER COMPLEX
UPDT:8406 CAS: 77368-72-0 MW: 1582.29 MOLFM: C57-H87-Cu-N19-O26-S2
SYN: TALLYSOMYCIN S(sub 3b) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:19 mg/kg JANTAJ 35,82-88,82

EC5990930 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-N(sup 1)-(4-AMINO-5-((3- ((2-HYDROXYETHYL)AMINO)PROPYL)CARBAMOYL)PENTYL)-19-DEMETHYL-12-HYDROXY-, COPPER COMPLEX
UPDT:8406 CAS: 77368-64-0 MW: 1768.58 MOLFM: C66-H105-Cu-N21-O28-S2
SYN: TALLYSOMYCIN S(sub 6a) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:15 mg/kg JANTAJ 35,82-88,82

EC5990940 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-N(sup 1)-(3-AMINO-2- HYDROXYPROPYL)-19-DEMETHYL-12-HYDROXY-, COPPER COMPLEX
UPDT:8406 CAS: 77368-71-9 MW: 1612.32 MOLFM: C58-H89-Cu-N19-O27-S2
SYN: TALLYSOMYCIN S(sub 4b) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:13 mg/kg JANTAJ 35,82-88,82

EC5990950 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-N(sup 1)-(4-AMINO-5((3-(METHYLAMINO)PROPYL)CARBAMOYL)PENTYL)-19-DEMETHYL-12-HYDROXY-, COPPER COMPLEX
UPDT:8406 CAS: 77368-67-3 MW: 1738.55 MOLFM: C65-H103-Cu-N21-O27-S2
SYN: TALLYSOMYCIN S(sub 11a) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:18 mg/kg JANTAJ 35,82-88,82

EC5990960 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-N(sup 1)-(5-((3- AMINOPROPYL)CARBAMOYL)-4-AMINOPENTYL)-19-DEMETHYL-12-HYDROXY-, COPPER COMPLEX
UPDT:8406 CAS: 77368-63-9 MW: 1724.52 MOLFM: C64-H101-Cu-N21-O27-S2
SYN: TALLYSOMYCIN S(sub 1a) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg JANTAJ 35,82-88,82

EC5990970 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-N(sup 1)- (3-AMINOPROPYL)-19-DEMETHYL-12-HYDROXY-, COPPER COMPLEX
UPDT:8406 CAS: 77368-73-1 MW: 1496.32 MOLFM: C58-H89-Cu-N19-O26-S2
SYN: TALLYSOMYCIN S(sub 1b) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:19 mg/kg JANTAJ 35,82-86,82

EC5990980 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEXOY-alpha-L-TALOPYRANOSYL)OXY)-N(sup 1)-(3-(BIS(2- HYDROXYETHYL)AMINO)PROPYL)-19-DEMETHYL-12-HYDROXY-, COPPER COMPLEX
UPDT:8406 CAS: 77368-79-7 MW: 1685.45 MOLFM: C62-H98-Cu-N19-O28-S2
SYN: TALLYSOMYCIN S(sub 8b) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:30 mg/kg JANTAJ 35,82-88,82

EC5990990 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-19-DEMETHYL-N(sup 1)- (3-(DIMETHYLAMINO)PROPYL)-12-HYDROXY-, COPPER COMPLEX
UPDT:8406 CAS: 77368-74-2 MW: 1624.38 MOLFM: C60-H93-Cu-N19-O26-S2
SYN: TALLYSOMYCIN S(sub 7b) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:30 mg/kg JANTAJ 35,82-88,82

EC5991010 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-19-DEMETHYL-N(sup 1)- (3-(DIMETHYLSULFONIO)PROPYL)-12-HYDROXY-
UPDT:8308 CAS: 76095-62-0 MW: 1578.89 MOLFM: C60-H93-N18-O26-S3
SYN: TALISOMYCIN S(sub 2b)
MUTATION DATA AND REFERENCES:
dnd-omi: 75300 pmol/L CNREA8 40,4173,80

EC5991080 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-19-DEMETHYL- 12-HYDROXY-N(sup 1)-(3-(DIMETHYLSULFONIO)PROPYL)-, CHLORIDE, COPPER COMPLEX
UPDT:8406 MW: 1677.88 MOLFM: C60-H93-Cu-N18-O26-S3-Cl
SYN: TALLYSOMYCIN S(sub 2b) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:32 mg/kg JANTAJ 35,82-88,82

EC5991100 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-19-DEMETHYL-12-HYDROXY- N(sup 1)-(2-((2-HYDROXYETHYL)AMINO)ETHYL)-, COPPER COMPLEX
UPDT:8303 CAS: 77368-78-6 MW: 1626.35 MOLFM: C59-H91-Cu-N19-O27-S2
SYN: TALLYSOMYCIN S(sub 9b) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:32 mg/kg JANTAJ 35,82-88,82

EC5991110 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-19-DEMETHYL-12-HYDROXY- N(sup 1)-(3-((2-HYDROXYETHYL)AMINO)PROPYL)-, COPPER COMPLEX
UPDT:8303 CAS: 77368-75-3 MW: 1640.38 MOLFM: C60-H93-Cu-N19-O27-S2
SYN: TALLYSOMYCIN S(sub 8b) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:30 mg/kg JANTAJ 35,82-88,82

EC5991120 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-19-DEMETHYL-12 HYDROXY- N(sup 1)-(2-((2-HYDROXYPROPYL)AMINO)ETHYL)-, COPPER COMPLEX
UPDT:8303 CAS: 77368-70-8 MW: 1640.38 MOLFM: C60-H93-Cu-N19-O27-S2
SYN: TALLYSOMYCIN S(sub 5b) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:46 mg/kg JANTAJ 35,82-88,82

EC5991130 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-19-DEMETHYL-12-HYDROXY- N(sup 1)-(3-(METHYLAMINO)PROPYL)-, COPPER COMPLEX
UPDT:8303 CAS: 77368-77-5 MW: 1610.35 MOLFM: C59-H91-Cu-N19-O26-S2
SYN: TALLYSOMYCIN S(sub 11b) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:21 mg/kg JANTAJ 35,82-88,82

EC5991140 BLEOMYCINAMIDE, 13-((4-AMINO-4,6-DIDEOXY-alpha-L-TALOPYRANOSYL)OXY)-19-DEMETHYL-12-HYDROXY- N(sup 1)-(3-(2-METHYLPIPERIDINO)PROPYL)-, COPPER COMPLEX
UPDT:8303 CAS: 77368-81-1 MW: 1678.48 MOLFM: C64-H99-Cu-N19-O26-S2
SYN: TALLYSOMYCIN S(sub 13b) COPPER COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:35 mg/kg JANTAJ 35,82-88,82

EC5991200 BLEOMYCINAMIDE, N(sup 1)-(4-((AMINO)IMINOMETHYL)AMINO)BUTYL)-
UPLT:8311 CAS: 9060-10-0 MW: 1425.71 MOLFM: C55-H84-N20-O21-S2
SYN: BLEOMYCIN B2 * DEHYDROPHLEOMYCIN D1 * PHLEOMYCIN D2
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 117,9,83
dnd-omi 100 mg/L JANTAJ 28,537,75
dnd-omi 10700 pmol/L CNREA8 40,4173,80
TOXICITY DATA AND REFERENCES:
1J13 itr-mus LDLo:14 ug/kg TXAPA9 56,326,80

EC5991700 BLEOMYCINAMIDE, N(sup 1)-(3-((1-PHENYLETHYL)AMINO)PROPYL)-, SULFATE, (S)-
UPDT:8303 CAS: 68247-85-8 MW: 1473.79 MOLFM: C61-H88-N18-O21-S2
SYN: BLEOMYCIN PEP * BLM-PEP * NK 631 * PEPLEOMYCIN
IRRITATION DATA AND REFERENCES:
eye-rbt 1 mg MLD JJANAX 31,859,78
MUTATION DATA AND REFERENCES:
pic-esc 56 ng/plate MUREAV 88,325,81
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:155 mg/kg 40WDA5 -,311,78
* scu-rat LD50:234 mg/kg NIIRDN 6,762,82
* ivn-rat LD50:215 mg/kg NIIRDN 6,762,82
* ipr-mus LD50:77 mg/kg NIIRDN 6,762,82
* scu-mus LD50:80 mg/kg NIIRDN 6,762,82
* ivn-mus LD50:45 mg/kg NIIRDN 6,762,82
1J13 itr-mus LDLo:15 ug/kg TXAPA9 56,326,80
BLEOMYCIN B2 see: EC5991200

EC5991820 BLEOMYCIN B6
UPDT:8311 CAS: 73666-80-5
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate MUREAV 117,9,83

EC5991904 BLEOMYCIN COMPLEX, copper chelate
DEF: Prepared by adding CuCl2 to BLENOXANE dissolved in distilled water (BBACAQ 697,113,82)
UPDT:8307
SYN: BLEOMYCIN COMPLEX-COPPER(II) (1:1) * COPPER(II) BLEOMYCIN COMPLEX (1:1)
MUTATION DATA AND REFERENCES:
dnd-nml:ath 3800 umol/L BBACAQ 697,113,82
BLEOMYCIN COMPLEX-COPPER(II) (1:1) see: EC5991904

EC5991920 BLEOMYCIN, HYDROCHLORIDE
UPDT:8405 CAS: 67763-87-5
MUTATION DATA AND REFERENCES:
cyt-ham:lng 210 ug/L GMCRDC 27,95,81
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW,HUMAN INDEFINITE IARC** 26,97,81
BLEOMYCIN PEP see: EC5991700

EC5991990 BLEOMYCIN, SULFATE
UPDT:8401 CAS: 9041-93-4
SYN: BLENOXANE * BLEOMYCIN SULFATE (salt) (9CI) * BLEXANE
MUTATION DATA AND REFERENCES:
dnd-ham:ovr 10 mg/L MUREAV 93,149,82
cyt-ham:ovr 10 mg/L MUREAV 93,149,82
TUMORIGENIC DATA AND REFERENCES:
3V01M61V10 par-rat TDLo:18 mg/kg/52W-I PAACA3 24,96,83
3V01M61V10 par-rat TD :36 mg/kg/52W-I PAACA3 24,96,83
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:240 mg/kg IYKEDH 7,108,76
* ipr-mus LD50:226 mg/kg IYKEDH 7,108,76
* scu-mus LD50:180 mg/kg IYKEDH 7,108,76
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW,HUMAN INDEFINITE IARC** 26,97,81
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BLEOMYCIN, SULFATE (salt) (9CI) see: EC5991990

EC5993000 BLEPHARIS SINDICA T. Anders., flower extract
DEF: Indian plant belonging to the family ACANTHACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:93 mg/kg IJEBA6 18,594,80

BLEPH-10 LIQUIFILM see: AC8450000
BLEU BRILLIANT FCF see: BQ4550000
BLEU DIAMINE see: QJ6475000
BLEU DIAZOLE N 3B see: QJ6475000
BLEU DIRECTE 3B see: QJ6475000
BLEUE DIRETTO 3B see: QJ6475000
BLEU PATENTE V see: BP6830000
BLEU TRYPANE N see: QJ6475000
BLEX see: TF1410000
BL 9EX see: MD0875000
BLEXANE see: EC5991990
BL H36B see: DK8225000
BLIGHTOX see: ZH3325000
BLITEX see: ZH3325000
BLITOX see: GL7020000
BLITOX 50 see: GL7020000
BLIZENE see: ZH3325000
BLM see: EC5988000
BLM-PEP see: EC5991700
BLO see: LU3500000
BLOC see: UV9279400
BLOCADREN see: DP3750000
BLOCAN see: YM3675000
BLON see: LU3500000
BLOOD STONE see: MH7600000
BLOTIC see: GQ4750000
BLOXANTH see: UR0785000
BLP-1011 see: XH8925000
BLP 1322 see: XI0382000
BLP 1410 see: XH8300000
BL-S 578 see: XI0337000
BLS 640 see: XI0340000

BEST COPY AVAILABLE

BLUE 1084 see: BP6830000
1085 BLUE see: BP6830000
1206 BLUE see: BQ4725000
BLUE 1206 see: BQ4725000
1311 BLUE see: DU3000000
11388 BLUE see: BQ4550000
11669 BLUE see: DU2988400
12070 BLUE see: DU3000000
BLUE ASBESTOS see: CI6475000
BLUE 2B see: QJ6400000
BLUE 3B see: QJ6475000
BLUE BASE IRGA B see: DD0875000
BLUE BASE NB see: DD0875000
BLUE BLACK BN see: QJ5950000
BLUE BN BASE see: DD0875000
BLUE BN SALT see: DD0875000
BLUE 2B SALT see: QJ6400000
BLUE COPPER see: GL7020000
BLUE COPPER see: GL8800000
BLUE COPPER-50 see: GL7020000
BLUE COPPER AS see: GL8900000
BLUE CROSS see: CG9900000
BLUE EMB see: QJ6475000
BLUE NO. 201 see: DU2988400
BLUE OIL see: BW6650000
BLUE-OX see: ZH4900000
BLUE POWDER see: ZG8600000
BLUE SALT NB see: DD0875000
BLUE STONE see: GL8800000
BLUESTONE see: GL8900000
BLUE URS see: BP6830000
BLUE VITRIOL see: GL8800000
BLUE VITRIOL see: GL8900000
BLUE VRS see: BP6830000
BLULAN see: XU4550000

EC8850000 BLUMEA FISTULOSA Kurz., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:1000 mg/kg IJEBA6 12,512,74

EC8860000 BLUMEA OXYODONTA DC., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:600 mg/kg IJEBA6 12,512,74

BLU-PHEN see: CQ6825000
BLUTENE see: SG1225000
BLUTENE CHLORIDE see: SG1225000
BLUTON see: MU6640000
BLUZEDRIN see: SI1750000
BM 1 see: UQ8400000
7-BMBA see: CW0380000
BMC see: DD6500000
BMC see: OV7700000
BMD see: CP0749000
BM00 see: UP7000000
BN see: DS8150000
BN-1 see: CB9633700
BN-1 see: PY4910300
(D-BNA(sup 6))-LHRH see: OK6444000
(D-BNA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6444000
B-NINE see: WM9625000
BNM see: DD6475000
BNP see: UF6220000
BNP 30 see: SJ9800000
BNS mixed with STYRENE see: WL5500000
BNU see: YS3850000
BNUR see: EZ1275000
BO 714 see: AC8680000
BOA see: AD9700000
BO-ANA see: TF7650000
BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6)-GLY-OCH3(sup 10))-LHRH HCl H2-O (2:3:8) see: OK6446000
BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6))-LHRH ACETATE see: OK6444500
BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6))-LHRH ACETATE TRIHYDRATE see: OK6445000
BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6))-LHRH HYDROCHLORIDE see: OK6446500
BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6))-LHRH HYDROCHLORIDE HYDRATE (2:3:8) see: OK6447000
BOEA see: AF5775000
B.O.E.A. see: AF5775000

EC9700000 BOEHMERIA RUGULOSA Wedd., extract excluding roots
DEF:Indian plant belonging to the family URTICACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: GETHI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

EC9710000 BOEHMERIA PLATYPHYLLA D. Don, extract
DEF:Indian plant belonging to the family URTICACEAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

EC9720000 BOEHMERIA ROTUNDIFOLIA D. Don, extract excluding roots
DEF:Indian plant belonging to the family URTICACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

EC9730000 BOERHAAVIA CHINENSIS (L.) Asch. & Schew., root extract
DEF:Indian plant belonging to the family NYCTAGINACEAE (IJEBA6 18,594,80)
UPDT:8411
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rat TDLo:150 ug/kg (12-14D preg) IJEBA6 18,594,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BOG MANGANESE see: OP0350000
BOH see: KL2800000
BOIGA BLANDINGI VENOM see: YX3963100

EC9845000 BOILER COMPOUND, (liquid)
UPDT:8308
SYN: BOILER COMPOUND, LIQUID (DOT) * NA 1760 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

BOILER COMPOUND, LIQUID (DOT) see: EC9845000
BOIS D'ARC (French) see: LK8749000

EC9848000 BOIS DE ROSE OIL BRAZILIAN
DEF:Main constituent is LINALOOL, another ingredient is SAFROLE (FCTXAV 16,637,78)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3900 mg/kg FCTXAV 16,653,78

BOL see: KE2625000
BOL-148 see: KE2625000
BOLANDIOL DIPROPIONATE see: KG7885000
BOLATRON 6200 see: KV0350000

EC9893000 BOLBOSCHOENUS MARITIMUS (L.) Palla, extract
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

BOLDO LEAF OIL see: RJ3460000
BOLERO see: EZ7260000
BOLETIC ACID see: LS9625000
BOLETIC ACID DIMETHYL ESTER see: EM6125000
BOLINAN see: TR8370000
BOLLEX see: RG2208000
BOLLS-EYE see: CH7700000
BOLLS-EYE see: CH7525000
BOLSTAR see: TE4165000
BOLTARON see: KV0350000
BOLVIDON see: HP8780000
BOMBITA see: SH5075000

ED0433000 BOMBIX MORI, crude extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BOMBUS IMPATIENS VENOM see: YX3963520
BOMT see: RN6800500
BOMYL see: LZ9450000
BONABOL see: CB4550000
BONADETTES see: TL1970000
BONADOXIN see: TL1970000
BONALAN see: XU4550000
BONAMID see: TQ9800000
BONAMINE see: TL1970000
BONAPICILLIN see: XH8350000
BONARE see: DF1400000
BONAZEN see: ZH5260000
BONBRAIN see: TI4375000
BOND CH 3 see: AK0920000
BOND CH 18 see: AK0920000
BOND CH 1200 see: AK0920000
BONDELANE A see: XN0700000
BONDERITE 181 see: TD0600900 PHOSPHORIC ACID, ZINC SALT
BONDERLUBE 235 see: WI4725000
BONDOLANE A see: XN0700000

ED0780000 BONE OIL
UPDT:8308 CAS: 8001-85-2
SYN: ANIMAL OIL * BONE OIL (DOT) * DIPPEL'S OIL * OIL OF HARTSHORN
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:800 mg/kg 27ZTAP 3,25,69
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BONE OIL (DOT) see: ED0780000
BONGKREKIC ACID see: JR1230000
BONIBAL see: JO1225000
BONICOR see: XH2387000
BONIDE BLUE DEATH RAT KILLER see: TH3500000
BONIDE KRAB CRABGRASS KILLER see: GS6825000
BONIDE RYATOX see: VM4025000
BONIDE TOPZOL RAT BAITS and KILLING SYRUP see: VF7350000
BONIFEN see: UT4900000
BONINE see: TL1970000
BONINE see: TL2050000
BONITON see: AU7175000
BONLAM see: DD6538000
BONLOID see: KV0350000
BONOFORM see: KI8575000
BONOMOLD OE see: DH2190000
BONOMOLD OP see: DH2800000
BONPYRIN see: PB1300000
BOOKSAVER see: AK0920000

ED1032000 BOOSTER EXPLOSIVE
UPDT:8308
SYN: BOOSTER, EXPLOSIVE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82

BOOSTER, EXPLOSIVE (DOT) see: ED1032000
BOOTS BTS 27419 see: ZF0480000
BOP see: JL9678000
BOPN see: UC0675000
BORACIC ACID see: ED4550000

ED1055000 BORAGO ZEYLANICA Linn., extract excluding roots
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

ED1370000 BORNANE, 2-(METHYLAMINO)-, HYDROCHLORIDE
UPDT:8311 MW: 203.79 MOLFM: C11 H21 N Cl H
SYN: ASA 213 * 2-(METHYLAMINO)BORNANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1E05 ipr-mus LD50:74 mg/kg EXPEAM 14,222,58

ED1925000 BORANE, TRICHLORO-
UPDT:8405 CAS: 10294-34-5 MW: 117.16 MOLFM: B Cl3
SYN: BORON CHLORIDE * BORON TRICHLORIDE * BORON TRICHLORIDE (DOT) * CHLORURE DE BORE (French) * UN 1741 (DOT)
TOXICITY DATA AND REFERENCES:
3J30R03U01 ihl-rat LCLo:20 ppm/7H 14KTAK -,693,64
3J30R03U01 ihl-mus LCLo:20 ppm/7H 14KTAK -,693,64
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

BEST COPY AVAILABLE

★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS, CORROSIVE — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ED2275000 BORANE, TRIFLUORO-
UPDT:8408 CAS: 7637-07-2 MW: 67.81 MOLFM: B-F3
SYN: BORON FLUORIDE * BORON TRIFLUORIDE * BORON TRIFLUORIDE (DOT) * FLUORURE DE BORE (French) * UN 1008 (DOT)

TOXICITY DATA AND REFERENCES:

*	ihl-rat LC50:1180 mg/m3/4H	BSGMAT -,27,82
	ihl-mus LC50:3460 mg/m3/2H	FATOAO 35,369,77
	ihl-gpg LC50:109 mg/m3/4H	FATOAO 35,369,72

REVIEW AND REFERENCES:
★ TLV-CL 1 ppm — DTLVS* 4,47,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 1 ppm (SCP-Q) — FEREAC 39,23540,74
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS AND POISON — CFRGBR 49,172.101,82
★ DOT-IMO:POISON A; LABEL:POISON GAS — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BORON TRIFLUORIDE recm std-air:No Environmental Limit — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ED2285000 BORANE, TRIFLUORO-, DIHYDRATE
UPDT:8312 CAS: 13319-75-0 MW: 103.85 MOLFM: B-F3-2H2-O
SYN: BORON FLUORIDE DIHYDRATE * BORON TRIFLUORIDE DIHYDRATE * BORON TRIFLUORIDE DIHYDRATE (DOT) * UN 2851 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.102,83

BORANE, TRIFLUORO-, compd. with 1,1'-OXYBIS(ETHANE) (1:1) see: KX7375000
BORASCU see: VZ2275000

ED2640000 BORASSUS FLABELLIFER Linn., extract
DEF:Indian plant belonging to the family LALNIAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:850 mg/kg	IJEBA6 16,228,78

ED2650000 BORASSUS FLABELLIFER Linn., fruit extract
DEF:Indian plant belonging to the family PALMAE (IJEBA6 12,512,74)
UPDT:8302
SYN: TAR FRUIT EXTRACT

TOXICITY DATA AND REFERENCES:

1M10	ipr-mus LD50:80 mg/kg	IJEBA6 12,512,74

BORATE(1-), TETRAFLUORO-, AMMONIUM see: BQ6100000
BORATE(1-), TETRAFLUORO-, BARIUM (2:1) see: CQ8925000
BORATE(1-), TETRAFLUORO-, COBALT(2+) (BCl,9Cl) see: GG0700000
BORATE(1-), TETRAFLUORO-, compd. with 2,4-DIPHENYL-5,6-DIHYDRONAPHTHO(2,1-b)PYRYLIUM see: QL6310000

ED2685000 BORATE(1-), TETRAFLUORO-, HYDROGEN
UPDT:8308 CAS: 16872-11-0 MW: 87.82 MOLFM: B-F4-H
SYN: BOROFLUORIC ACID * FLUOBORIC ACID * FLUOBORIC ACID (DOT) * HYDROFLUOBORIC ACID * HYDROFLUOROBORIC ACID (DOT) * HYDROGEN TETRAFLUOROBORATE * TETRAFLUOROBORIC ACID * UN 1775 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ED2700000 BORATE(1-), TETRAFLUORO-, LEAD (2+)
UPDT:8308 CAS: 13814-96-5 MW: 380.81 MOLFM: B2-F8-Pb
SYN: LEAD FLUOBORATE * LEAD FLUOBORATE (DOT) * NA 2291 (DOT)

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:50 mg/kg	KODAK* 21MAY71

REVIEW AND REFERENCES:
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 — DTLVS* 4,243,80
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 — FEREAC 43,53007,78
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-B; LABEL:NONE — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BORATE(1-), TETRAFLUORO-, NICKEL(2+) (2:1) (9Cl) see: QR6650000

ED2800000 BORATE(1-), TETRAFLUORO-, POTASSIUM
UPDT:7908 CAS: 14075-53-7 MW: 125.91 MOLFM: B-F4-K
SYN: POTASSIUM BOROFLUORIDE * POTASSIUM FLUOBORATE * AVOGADRITE

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:240 mg/kg	14KTAK -,724,64
	ipr-mus LD50:590 mg/kg	14KTAK -,724,64
	ipr-rbt LD50:380 mg/kg	14KTAK -,724,64

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ED2875000 BORATE(1-), TETRAFLUORO-, SILVER (1+)
UPDT:7908 CAS: 14104-20-2 MW: 194.68 MOLFM: Ag-B-F4
SYN: SILVER BOROFLUORIDE * SILVER FLUOROBORATE * SILVER TETRAFLUOROBORATE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:56 mg/kg	CSLNX* NX#06756

REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Ag)/m3 — DTLVS* 4,367,80
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Ag)/m3 (SCP-N) — FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ED2975000 BORATE(1-), TETRAFLUORO-, SODIUM
UPDT:8203 CAS: 13755-29-8 MW: 109.80 MOLFM: B-F4-Na
SYN: SODIUM TETRAFLUOROBORATE * STB

TUMORIGENIC DATA AND REFERENCES:

2V01V10	scu-mus TDLo:650 mg/kg/26W-I	CNREAB 41,2444,81

TOXICITY DATA AND REFERENCES:

	scu-rat LD50:550 mg/kg	ZKKOBW 80,17,73

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ED3000000 BORATE(1-), TETRAFLUORO-, STRONTIUM (2:1)
UPDT:7908 CAS: 13814-98-7 MW: 130.62 MOLFM: B-F4-1/2Sr
SYN: STRONTIUM FLUOBORATE * TETRAFLUOROBORATE(1-) STRONTIUM (2:1) * TL 1139

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:500 mg/kg	NCNSA6 5,28,53
	ihl-mus LCLo:650 mg/m3/10M	NDRC** No.9-4-1-19,44

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ED3150000 BORATE(1-), TETRAFLUORO-, THALLIUM
UPDT:7901 CAS: 28625-02-7 MW: 291.18 MOLFM: B-F4-Tl
SYN: THALLIUM(I) FLUOBORATE * TL 385

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:50 mg/kg	NCNSA6 5,28,53
	ihl-mus LCLo:1870 mg/m3/10M	NDRC** NDCrc-132,Sept,42

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 — DTLVS* 4,396,80
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) — FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

ED3200000 BORATE(1-), TETRAHYDRO-, ALUMINUM
UPDT:8404 CAS: 16962-07-5 MW: 71.53 MOLFM: Al-3B-H4
SYN: ALUMINUM BOROHYDRIDE (DOT) * ALUMINUM HYDROBORATE * ALUMINUM TETRAHYDROBORATE * BORATE(1-), TETRAHYDRO-, ALUMINUM (3:1) (9CI) * UN 2870 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONT. COMBUSTIBLE, DANGER WHEN WET — CFRGBR 49,172.102,83

BORATE(1-), TETRAHYDRO-, ALUMINUM (3:1) (9CI) see: ED3200000
BORATE(1-), TETRAHYDRO-, POTASSIUM (8CI,9CI) see: TS7525000

ED3325000 BORATE(1-), TETRAHYDRO-, SODIUM
UPDT:8405 CAS: 16940-66-2 MW: 37.84 MOLFM: B-H4-Na
SYN: BOROHYDRURE DE SODIUM (French) * SODIUM BOROHYDRIDE * SODIUM BOROHYDRIDE (DOT) * SODIUM TETRAHYDROBORATE(1-) * UN 1426 (DOT)

TOXICITY DATA AND REFERENCES:

*	orl-rat LDLo:160 mg/kg	14KTAK -,693,64
	ipr-rat LD50:18 mg/kg	AMIHAB 17,124,58
*	ipr-mus LDLo:18 mg/kg	14KTAK -,693,64
*	ipr-rbt LDLo:60 mg/kg	14KTAK -,693,64

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BORAX see: VZ2275000
BORAX 2335 see: ED6040000
BORAX DECAHYDRATE see: VZ2275000
BORDEAU ARSENITE, liquid (DOT) see: ED3880000
BORDEAU ARSENITE, solid (DOT) see: ED3880000
BORDEAUX see: QJ6550000

ED3880000 BORDEAUX ARSENITE (DOT)
UPDT:8308
SYN: BORDEAU ARSENITE, liquid (DOT) * BORDEAU ARSENITE, solid (DOT) * NA 2759 (DOT)

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid — CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, solid — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:Cl 2 ug/m3/15M — NTIS**

BORDEAUX S see: QJ6550000
BORDEAUX S EXTRA CONC. A.EXPORT see: QJ6550000
BORDEAUX S EXTRA PURE A see: QJ6550000
BORDEN 2123 see: AK0920000
BORDERMASTER see: AG1575000
BOREA see: YQ9100000
BORER SOL see: KI0525000
BORESTER O see: ED5600000

ED4550000 BORIC ACID
UPDT:8412 CAS: 10043-35-3 MW: 61.84 MOLFM: B-H3-O3
SYN: BORACIC ACID * BOROFAX * BORSAURE (German) * NCI-C56417 * ORTHOBORIC ACID * THREE ELEPHANT

IRRITATION DATA AND REFERENCES:

	skn-hmn 15 mg/3D-I MLD	BSDKAB -,127,77

MUTATION DATA AND REFERENCES:

	mmo-esc 17000 ppm/24H	AMNTA4 85,119,51
	spm-rat-orl 6 mg/kg	EVHPAZ 13,69,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:45 gm/kg (90D male)	TXAPA9 23,351,72
1T12	orl-rat TDLo:45 gm/kg (90D pre)	TXAPA9 23,351,72
2T01T02	ihl-rat TCLo:9600 ug/m3/4H (16W male)	GTPZAB 16(11),13,72
1T02	orl-dog TDLo:45500 mg/kg (26W male)	TXAPA9 23,351,72

TOXICITY DATA AND REFERENCES:

	orl-wmn LDLo:200 mg/kg	LANCAO 2,162,17
*	orl-inf LDLo:934 mg/kg	JAMAAP 90,382,28
	skn-inf LDLo:1200 mg/kg	JAMAAP 129,332,45
	skn-chd LDLo:4 gm/kg/4D	MMWOAU 52,763,05
	skn-man LDLo:2430 mg/kg	JAMAAP 128,266,45
	skn-chd LDLo:1500 mg/kg	QJPPAL 6,714,33
	scu-inf LDLo:1100 mg/kg	MDSR** No.2,50

BEST COPY AVAILABLE

3F03F14K13 unk-man TDLo:170 mg/kg RTPCAT 1,472,29
unk-man LDLo:147 mg/kg 85DCAI 2,73,70
orl-rat LD50:2660 mg/kg JAMAAP 128,266,45
* ihl-rat LCLo:28 mg/m3/4H 85GMAT -,27,82
3F07F19U26 scu-rat LD50:1400 mg/kg 14KTAK -,693,64
ivn-rat LD50:1330 mg/kg MDSR** No.2,50
orl-mus LD50:3450 mg/kg JAMAAP 128,266,45
3F07F19U26 ipr-mus LDLo:800 mg/kg 14KTAK -,693,64
scu-mus LD50:1740 mg/kg JAMAAP 128,266,45
ivn-mus LD50:1780 mg/kg MDSR** No.2,50
orl-dog LDLo:1780 mg/kg JAMAAP 128,266,45
scu-dog LDLo:1000 mg/kg JAMAAP 128,266,45
par-dog LDLo:1 gm/kg RTPCAT 1,472,29
orl-rbt LDLo:4000 mg/kg MDSR** No.2,50
scu-rbt LDLo:150 mg/kg HBAMAK 4,1289,35
3F07F19U26 ivn-rbt LDLo:800 mg/kg 14KTAK -,693,64
par-rbt LDLo:670 mg/kg RTPCAT 1,472,29
orl-gpg LDLo:1 gm/kg RAMAAB 46,1493,32
scu-gpg LD50:1200 mg/kg MDSR** No.2,50

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLCHAU 19,361,73; FNSCA6 2,67,73; JOPDAB 61,531,62

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ED4590000 BORIC ACID, ETHYL ESTER
UPDT:8308 CAS: 34099-73-5 MW: 89.90 MOLFM: C2-H7-B-O3
SYN: ETHYL BORATE (DOT) * UN 1176 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 5 mg SEV AJOPAA 29,1363,46

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

ED4610000 BORIC ACID, MAGNESIUM SALT, OCTAHYDRATE
UPDT:8309 CAS: 7789-36-8 MW: 254.09 MOLFM: B2-Mg-O4-8H2-O
SYN: ANTIFUNGIN * MAGNESIUM BORATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5250 mg/kg 28ZEAL 5,141,76
* scu-mus LD50:200 mg/kg 85GDA2 5,154,81

ED4725000 BORIC ACID, PHENYLMERCURY SILVER deriv.
UPDT:7901 MW: 434.58 MOLFM: C6-Ho-Ag-Hg-O3
SYN: MERFEN * PHENYL MERCURY SILVER BORATE

TOXICITY DATA AND REFERENCES:
scu-mus LDLo:130 mg/kg MOLAAF 73,751,39

REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Ag)/m3 DTLVS* 4,367,80
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Ag)/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

ED4800000 BORIC ACID, SODIUM SALT
UPDT:8306 CAS: 1333-73-9 MW: 81.80 MOLFM: B-O3-Na
SYN: SODIUM PERBORATE * SODIUM PEROXYBORATE

MUTATION DATA AND REFERENCES:
dnr-esc 3300 pmol/plate MUREAV 21,171,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ED4805000 BORIC ACID, SODIUM SALT, DECAHYDRATE
UPDT:8307 CAS: 11139-65-4 MW: 590.24 MOLFM: B10-O16-2Na-10H2-O
SYN: SODIUM PENTABORATE DECAHYDRATE

TOXICITY DATA AND REFERENCES:
3F05F12F23 ipr-mus LD50:2330 mg/kg AIPTAK 143,144,63
3F05F12F23 ivn-mus LD50:1849 mg/kg AIPTAK 143,144,63

ED4810000 BORIC ACID, TRIALLYL ESTER
UPDT:8312 CAS: 1693-71-6 MW: 182.05 MOLFM: C9-H15-B-O3
SYN: BORIC ACID, TRI-2-PROPENYL ESTER * TRIALLYL BORATE * TRIALLYL BORATE (DOT) * TRIALLYLOXYBORANE * TRIS(ALLYLOXY)BORANE * UN 2609 (DOT)

TOXICITY DATA AND REFERENCES:
orl-mus LD50:1800 mg/kg USBCC* 32,-,58

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B, LABEL:ST. ANDREWS CROSS, FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BORIC ACID, TRIISOPROPYL ESTER see: ED5950000

ED5600000 BORIC ACID, TRIMETHYL ESTER
UPDT:8405 CAS: 121-43-7 MW: 103.93 MOLFM: C3-H9-B-O3
SYN: BORESTER O * METHYL BORATE * TRIMETHOXYBORINE * TRIMETHYL BORATE * TRIMETHYL BORATE (DOT) * UN 2416 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg AJOPAA 29,1363,46
eye-rbt 100 mg MOD 14KTAK -,706,64

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6140 mg/kg 14KTAK -,693,64
* ipr-rat LDLo:1600 mg/kg 14KTAK -,693,64
* orl-mus LD50:1290 mg/kg 14KTAK -,693,64
* ipr-mus LDLo:1000 mg/kg 14KTAK -,693,64
* skn-rbt LD50:1980 mg/kg AIHAAP 23,95,62
* ipr-rbt LDLo:1600 mg/kg 14KTAK -,693,64

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BORIC ACID, TRI-2-PROPENYL ESTER see: ED4810000

ED5950000 BORIC ACID, TRIS(1-METHYLETHYL) ESTER
UPDT:8405 CAS: 5419-55-6 MW: 188.11 MOLFM: C9-H21-B-O3
SYN: BORIC ACID, TRIISOPROPYL ESTER * ISOPROPYL BORATE * TRIISOPROPYL BORATE * TRIISOPROPYL BORATE (DOT) * UN 2616 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD 14KTAK -,706,64

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2500 mg/kg 14KTAK -,693,64
* ivn-mus LD50:100 mg/kg CSLNX* NX#00382

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ED6040000 BORIC ACID, ZINC SALT
UPDT:8308 CAS: 1332-07-6
SYN: BORAX 2335 * NA 9155 (DOT) * ZB112 * ZB237 * ZINC BORATE * ZINC BORATE (DOT) * ZN 100

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BORIC ANHYDRIDE see: ED7900000
BORICIN see: VZ2275000

ED6190000 BORNANE, 2-CHLORO-, endo-
UPDT:8408 CAS: 464-41-5 MW: 172.72 MOLFM: C10-H17-Cl
SYN: BICYCLO(2.2.1)HEPTANE, 2-CHLORO-1,7,7-TRIMETHYL-, endo- (9CI) * BORNYL CHLORIDE * 2-CHLOROCAMPHANE * TERPENE HYDROCHLORIDE * TURPENTINE CAMPHOR

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1840 mg/kg 85GMAT -,27,82

BORNANE, 2-OXO- see: EX1225000
l-2-BORNANOL see: DT5095000
2-BORNANOL, endo- see: ED7000000

ED6650500 2-BORNANOL, 3-((DIETHYLAMINO)METHYL)-, BENZOATE, HYDROCHLORIDE
UPDT:8412 MW: 380.02 MOLFM: C22-H33-N-O2-Cl-H

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50: 75 mg/kg YKKZAJ 84,918,64

ED6651000 BORNAN-2-exo-OL, 10-DIMETHYLAMINO-
UPDT:8311 CAS: 58256-43-2 MW: 197.36 MOLFM: C12-H23-N-O
SYN: BICYCLO(2.2.1)HEPTAN-2-OL, 1-((DIMETHYLAMINO)METHYL)-7,7-DIMETHYL-, exo- * 10-DIMETHYLAMINO-BORNAN-2-exo-OL

TOXICITY DATA AND REFERENCES:
2F02F29 orl-mus LD50:400 mg/kg EJMCA5 10,412,75

ED6651500 2-BORNANOL, 3-((DIMETHYLAMINO)METHYL)-, BENZOATE, HYDROCHLORIDE
UPDT:8411 MW: 351.96 MOLFM: C20-H29-N-O2-Cl-H

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:102 mg/kg YKKZAJ 84,918,64

ED6651800 BORNAN-2-exo-OL, 10-(4-PHENYL-1-PIPERIDINO)-
UPDT:8311 CAS: 58256-48-7 MW: 313.53 MOLFM: C21-H31-N-O
SYN: BICYCLO(2.2.1)HEPTAN-2-OL, 7,7-DIMETHYL-1-((4-PHENYL-1-PIPERIDINYL)METHYL)-, exo- * 10-(4-PHENYL-1-PIPERIDINO)-BORNAN-2-exo-OL

TOXICITY DATA AND REFERENCES:
1U26 orl-mus LD50:400 mg/kg EJMCA5 10,412,75

ED6651900 BORNAN-2-exo-OL, 10-PIPERIDINO-
UPDT:8311 CAS: 58256-46-5 MW: 237.43 MOLFM: C15-H27-N-O
SYN: BICYCLO(2.2.1)HEPTAN-2-OL, 7,7-DIMETHYL-1-(1-PIPERIDINYLMETHYL)-, exo- (9CI) * 10-PIPERIDINO-BORNAN-2-exo-OL

TOXICITY DATA AND REFERENCES:
1F02 orl-mus LD50:200 mg/kg EJMCA5 10,412,75

ED6652200 BORNAN-2-exo-OL, 10-PYRROLIDINYL-
UPDT:8311 CAS: 58256-45-4 MW: 223.40 MOLFM: C14-H25-N-O
SYN: BICYCLO(2.2.1)HEPTAN-2-OL, 7,7-DIMETHYL-1-(1-PYRROLIDINYLMETHYL)-, exo- (9CI) * 10-PYRROLIDINYL-BORNAN-2-exo-OL

TOXICITY DATA AND REFERENCES:
1F02 orl-mus LD50:200 mg/kg EJMCA5 10,412,75

(+)-2-BORNANONE see: EX1260000
d-2-BORNANONE see: EX1260000
2-BORNANONE see: EX1225000

ED6833000 2-BORNANONE, 3-((DIETHYLAMINO)METHYL)-, HYDROCHLORIDE
UPDT:8411 MW: 273.89 MOLFM: C15-H27-N-O-Cl-H

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:218 mg/kg YKKZAJ 84,918,64

ED6836000 2-BORNANONE, 10-DIMETHYLAMINO-
UPDT:8311 CAS: 58256-56-7 MW: 195.34 MOLFM: C12-H21-N-O
SYN: BICYCLO(2.2.1)HEPTAN-2-ONE, 1-((DIMETHYLAMINO)METHYL)-7,7-DIMETHYL- (9CI) * 10-DIMETHYLAMINO-2-BORNANONE

TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:400 mg/kg EJMCA5 10,412,75

BORNATE see: AJ6300000
BORNEO CAMPHOR see: ED7000000

ED7000000 BORNEOL
UPDT:8402 CAS: 507-70-0 MW: 154.28 MOLFM: C10-H18-O
SYN: 2-BORNANOL, endo- * BAROS CAMPHOR * BHIMSAIM CAMPHOR * BICYCLO(2.2.1)HEPTAN-2-OL, 1,7,7-TRIMETHYL-, endo- (9CI) * BORNEO CAMPHOR * trans-BORNEOL * BORNYL ALCOHOL * CAMPHANE, 2-HYDROXY- * 2-CAMPHANOL * CAMPHOL * DRYOBALANOPS CAMPHOR * 2-HYDROXYCAMPHANE * MALAYAN CAMPHOR * SUMATRA CAMPHOR * 1,7,7-TRIMETHYL-BICYCLO(2.2.1)HEPTAN-2-OL, endo- * UN 1312 (DOT)

MUTATION DATA AND REFERENCES:
cyt-smc 1 mmol/tube HEREAY 33,457,47

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg FRXXBL #2448856
* orl-mus LD50:1059 mg/kg SHGKA3 75,934,75
orl-rbt LDLo:2000 mg/kg AEXPBL 17,363,1883

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:NONE CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(-)-BORNEOL see: DT5095000
(+)-BORNEOL see: ED7060000
d-BORNEOL see: ED7060000
l-BORNEOL see: DT5095000

ED7060000 BORNEOL, (1R,2S,4R)-(+)-
UPDT:8405 CAS: 464-43-7 MW: 154.28 MOLFM: C10-H18-O
SYN: BICYCLO(2.2.1)HEPTAN-2-OL, 1,7,7-TRIMETHYL-, (1R-endo)- (9CI) * (+)-BORNEOL * d-BORNEOL

TOXICITY DATA AND REFERENCES:
* orl-rbt LDLo:2000 mg/kg MEIEDD 10,185,83

BORNEOL, (1S,2R,4S)-(-)- see: DT5095000
trans-BORNEOL see: ED7000000
BORNYL ALCOHOL see: ED7000000
l-BORNYL ALCOHOL see: DT5095000
BORNYL CHLORIDE see: ED6190000 BORNANE, 2-CHLORO-, endo-

ED7204000 BOROCIL IV
DEF:Composed of 94% SODIUM METABORATE TETRAHYDRATE and 6% BROMACIL (FMCHA2 -,C35,83)
UPDT:8309
SYN: BROMACIL mixed with SODIUM METABORATE TETRAHYDRATE * SODIUM METABORATE TETRAHYDRATE mixed with BROMACIL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3500 mg/kg FMCHA2 -,C35,83

BOROETHANE see: HQ9275000
BOROFAX see: ED4550000
BOROFLUORIC ACID see: ED2685000
BOROHYDRURE DE POTASSIUM (French) see: TS7525000
BOROHYDRURE DE SODIUM (French) see: ED3325000
BOROLIN see: TJ7525000

ED7325000 BOROMYCIN
UPDT:8403 CAS: 34524-20-4 MW: 880.01 MOLFM: C45-H74-B-N-O15

BEST COPY AVAILABLE

SYN: ETH 28829
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:180 mg/kg MEIEDD 10,186,83

ED7400000 BORON BROMIDE
UPDT:8403 CAS: 10294-33-4 MW: 250.54 MOLFM: B-Br3
SYN: BORON TRIBROMIDE (DOT) * TRONA * UN 2692 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 1 ppm; STEL 3 ppm DTLVS* 4,47,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BORON CHLORIDE see: ED1925000
BORON FLUORIDE see: ED2275000
BORON FLUORIDE DIETHYL ETHERATE see: KX7375000
BORON FLUORIDE DIHYDRATE see: ED2285000
BORON FLUORIDE ETHERATE see: KX7375000
BORON FLUORIDE-ETHYL ETHERATE see: KX7375000
BORON FLUORIDE-ETHYL ETHER COMPLEX see: KX7375000
BORON FLUORIDE MONOETHERATE see: KX7375000
BORON HYDRIDE see: HQ9275000

ED7900000 BORON OXIDE
UPDT:8408 CAS: 1303-86-2 MW: 69.62 MOLFM: B2-O3
SYN: BORIC ANHYDRIDE * BORON SESQUIOXIDE * BORON TRIOXIDE * FUSED BORIC ACID
IRRITATION DATA AND REFERENCES:
skn-rbt 1 gm AIHAAP 20,284,59
eye-rbt 50 mg AIHAAP 20,284,59
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3163 mg/kg 85GMAT -,27,82
* ipr-mus LD50:1868 mg/kg 85GMAT -,27,82
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 DTLVS* 4,47,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mg/m3 (SCP-S) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 0500
REPORTED IN EPA TSCA INVENTORY, 1983
BORON SESQUIOXIDE see: ED7900000
BORON TRIBROMIDE (DOT) see: ED7400000
BORON TRICHLORIDE see: ED1925000
BORON TRICHLORIDE (DOT) see: ED1925000
BORON TRIFLUORIDE see: ED2275000

ED8250000 BORON TRIFLUORIDE-ACETIC ACID COMPLEX
UPDT:8308 CAS: 753-53-7
SYN: BORON TRIFLUORIDE-ACETIC ACID COMPLEX (DOT) * UN 1742 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
BORON TRIFLUORIDE-ACETIC ACID COMPLEX (DOT) see: ED8250000
BORON TRIFLUORIDE-DIETHYL ETHERATE see: KX7375000
BORON TRIFLUORIDE DIETHYLETHERATE (DOT) see: KX7375000
BORON TRIFLUORIDE DIHYDRATE see: ED2285000
BORON TRIFLUORIDE DIHYDRATE (DOT) see: ED2285000
BORON TRIFLUORIDE (DOT) see: ED2275000
BORON TRIFLUORIDE ETHERATE see: KX7375000
BORON TRIFLUORIDE-ETHER COMPLEX see: KX7375000
BORON TRIFLUORIDE-ETHYL ETHER see: KX7375000
BORON TRIFLUORIDE-ETHYL ETHERATE see: KX7375000

ED8550000 BORON TRIFLUORIDE-PROPIONIC ACID COMPLEX
UPDT:8312
SYN: BORON TRIFLUORIDE PROPIONIC ACID COMPLEX (DOT) * UN 1743 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
BORON TRIFLUORIDE PROPIONIC ACID COMPLEX (DOT) see: ED8550000
BORON, TRIFLUORO(1,1'-OXYBIS(ETHANE))-, (T-4)- (9CI) see: KX7375000
BORON TRIOXIDE see: ED7900000

ED8756000 BORRERIA HISPIDA (Linn.) K. Sch., extract
DEF: Indian plant belonging to the family RUBIACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
3H30M10U26 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74
BORSAURE (German) see: ED4550000
BORTRAN see: BX2975000
BORTRYSAN see: XY7175000
BOSAN SUPRA see: KJ3325000
BOSMIN see: DO2625000
BOTHROPS ATROX VENOM see: YX3964600
BOTHROPS VENOM PROTEINASE see: UK9588000
BOTRAN see: BX2975000
BOTRILEX see: DA6650000
BOTROPASE see: UK9588000
BOTRYODIPLODIN see: OB6005000
(-)-BOTRYODIPLODIN see: OB6005000
BOTULIN TOXIN see: ED9300000

ED9300000 BOTULINUM TOXIN A
UPDT:8402
SYN: BOTULIN TOXIN
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:160 pg/kg TXAPA9 28,227,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ETOXAC 5,99,74; JAFCAU 22(1),26,74
BOURBONAL see: CU6125000
BOV see: WS5600000
BOVATEC see: GP4000000
BOVIDERMOL see: KJ3325000
BOVINE LACTOGENIC HORMONE see: TW2895000
BOVINE PINEAL GLAND EXTRACT see: TK4728000
BOVINE PROLACTIN see: TW2895000

ED9640900 BOVINE SERUM ALBUMIN (D27)-9,10-DIMETHYL-1,2-BENZANTHRACENE CONJUGATE
DEF: 27 hydrocarbons are attached with one protein by a carbamido linkage in the absenceof actinic light (CNREA8 16,1009,56)
UPDT:8308
SYN: 9,10-DIMETHYL-1,2-BENZANTHRACENE-3-Bo-A-D27 CONJUGATE
MUTATION DATA AND REFERENCES:
cyt-frg:emb 7800 nmol/L CNREA8 16,1009,56

ED9640930 BOVINE SERUM ALBUMIN (D42)-9,10-DIMETHYL-1,2-BENZANTHRACENE CONJUGATE
DEF: 42 hydrocarbons are attached with one protein by a carbamido linkage in the absence ofactinic light (CNREA8 16,1009,56)
UPDT:8308
SYN: 9,10-DIMETHYL-1,2-BENZANTHRACENE Bo-A-D42 CONJUGATE
MUTATION DATA AND REFERENCES:
cyt-frg:emb 16 umol/L CNREA8 16,1009,56
BOVINOCIDIN see: UF6220000
BOVINOX see: TA0700000
BOVITROL see: TU5011700
BOVIZOLE see: DE0700000
BOVOFLAVIN see: AR9660000
BOVOLIDE see: LU4025000

EE0390000 BOX TOE GUM (DOT)
UPDT:8308
SYN: UN 2059 (DOT) * UN 2060 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
BOY see: QC8050000
BOYGON see: FC3150000
BP see: DJ3675000
BP2 see: TU3805000
BP 5015 see: NS1750000
B(a)P see: DJ3675000
B(e)P see: DJ4200000
3,4-BP see: DJ3675000
9,10-H2 B(e)P see: DJ4965500
BPDE see: DJ7960000
anti-BPDE see: DJ6310800
anti-BPDE see: DJ7960000
reverse-BPDE see: DJ7960100
BPDE-syn see: DJ7957100
BP-4,5-DIHYDRODIOL see: DJ4975000
B(e)P 4,5-DIHYDRODIOL see: DJ4990500
BP 7,8-DIHYDRODIOL see: DJ5009000
BP 7,8-DIHYDRODIOL see: DJ5003000
BP-7,8-DIHYDRODIOL see: DJ4995000
BP-9,10-DIHYDRODIOL see: DJ5030000
BP cis-9,10-DIHYDRODIOL see: DJ6310200
B(e)P 9,10-DIHYDRODIOL see: DJ5025000
trans-BP-7,8-DIHYDRODIOL DIACETATE see: DJ6305000
BP-7,8-DIHYDRODIOL-9,10-EPOXIDE(ANTI) see: DJ5050000
anti-BP-7,8-DIHYDRODIOL-9,10-OXIDE see: DJ5050000
anti-BP-DIOLEPOXIDE see: DJ7955700
BP 7,8-DIOL-9,10-EPOXIDE 2 see: DJ7955400
(+)-BP-7-alpha,8-beta-DIOL-9-alpha,10-alpha-EPOXIDE 1 see: DJ5055800
(+)-BP-7-beta,8-alpha-DIOL-9-alpha,10-alpha-EPOXIDE 2 see: DJ7956530
(-)-BP-7-beta,8-alpha-DIOL-9-beta,10-beta-EPOXIDE 1 see: DJ5055900
(-)-BP 7-alpha,8-beta-DIOL-9-beta,10-beta-EPOXIDE 2 see: DJ7956300
BP DIOL EPOXIDE ANTI see: DJ7960000
BPE-I see: TQ3325000
BP 4,5-EPOXIDE see: DJ7900000
BP 7,8-EPOXIDE see: DJ7920000
B(a)P EPOXIDE I see: DJ7957100
B(a)P EPOXIDE II see: DJ7956500
B(e)P H4-9,10-DIOL see: DJ7955200
B(c)PH DIOL EPOXIDE-1 see: DI8530000
B(c)PH DIOL EPOXIDE-2 see: DI8520000
B(e)P H4-9,10-EPOXIDE see: DJ6380050
BP-3-HYDROXY see: DJ8225000
BP-KLP see: WL6475000
BPL see: RQ7350000
BPM see: DW0875000
BPMC see: FB5425000
BP 4,5-OXIDE see: DJ7900000
BP 7,8-OXIDE see: DJ7920000
BP 9,10-OXIDE see: DJ7929000
BP 11,12-OXIDE see: DJ7940000
1,3-BPP see: CQ0660000
BPPA see: DU8376000
BPPS see: WT2900000
BP-1,6-QUINONE see: DJ6315000
BP-3,6-QUINONE see: DJ6315400
BP-6,12-QUINONE see: DJ6316000
BQ 20 see: VC3675100

EE1509000 BR 1
UPDT:8306 CAS: 59393-27-0
TOXICITY DATA AND REFERENCES:
3F13F23J22 orl-mus LD50:60 gm/kg GTPZAB 25(11),52,81
BR 2 see: YS3828000
BR-222 see: CU8702300
BR 700 see: XJ1890000
BR-931 see: AB5860000

EE1520000 BRACKEN FERN see also:1-CYCLOHEXENE-1-CARBOXYLIC ACID, 3,4,5-TRIHYDROXY-
DEF: BRACKEN FERN, dried (JNCIAM 45,179,70)
UPDT:8411
SYN: PTERIDIUM AQUILINUM * PTERIS AQUALINA * S. EGRELTRI ATUNUN (Turkish)
MUTATION DATA AND REFERENCES:
sln-dmg-orl 15 pph MUREAV 92,89,82
bfa-rat/sat 1000 gm/kg JJIND8 65,131,80
bfa- ft/sat 623 gm/kg/2Y-C CNREA8 38,1556,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 orl-mus TDLo:1782 gm/kg (4W pre/1-17D preg) TXAPA9 28,264,74
TUMORIGENIC DATA AND REFERENCES:
3V01K60M60 orl-rat TDLo:2209 gm/kg/17W-C JNCIAM 45,179,70
3V03J60K60 orl-mus TDLo:7140 gm/kg/17W-C GMCRDC 17,205,75
2V01M60 orl-ctl TDLo:600 gm/kg/2Y-C VTPHAK 13,110,76
3V02K60M60 orl-rat TD :1350 gm/kg/81D-C GANNA2 69,383,78
3V01K60M60 orl-rat TD :6545 gm/kg/17W-C GMCRDC 17,205,75
2V02K60 orl-rat TD :4570 gm/kg/32W-C AJVRAH 31,191,70
3V02K61M61 orl-rat TD :11 kg/kg/39W-C JJIND8 65,131,80
3V01K60M60 orl-rat TD :578 gm/kg/33W-C BJCAAI 46,423,82
3V01K60M60 orl-rat TD :3465 gm/kg/33W-C BJCAAI 46,423,82
3V01M60M61 orl-rat TD :2292 gm/kg/55W-C INURAQ 14,213,76
3V01K60M60 orl-rat TD :8800 gm/kg/58W-C NUCADQ 3,86,81
2V02M60 orl-ctl TD :495 gm/kg/66W-C CNREA8 27,917,67
2V01M60 orl-ctl TD :3072 gm/kg/3Y-C CNREA8 28,2247,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 26,225,74; AEHLAJ 23,6,71; 85CVA2 5,178,70; CTRRDO 60,1171,76; ADCSAJ 13,271,70; RVTSA9 26,339,79; RVTSA9 26,339,79; NUCADQ 3,109,81

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EE1521000 BRACKEN FERN TANNIN
UPDT 8401
SYN: PTERIDIUM AQUILINUM TANNIN * TANNIN from BRACKEN FERN
MUTATION DATA AND REFERENCES:
bfa-rat/sat 2000 gm/kg/56W-C JJIND8 65,131,80
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:1595 mg/kg/38W-I JJIND8 65,131,80
2V02M60 imp-mus TDLo:50 mg/kg/1Y-C JNCIAM 56,33,76
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:160 mg/kg JNCIAM 56,33,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EE1521300 BRACKEN FERN, TANNIN-FREE
DEF: TANNIN-free fraction of BRACKEN FERN (JJIND8 65,131,80)
UPDT 8306
SYN: TANNIN-FREE FRACTION OF BRACKEN FERN
TUMORIGENIC DATA AND REFERENCES:
3V01K61M61 orl-rat TDLo:2000 gm/kg/56W-C JJIND8 65,131,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BRACKEN FERN TOXIC COMPONENT see: GW4600000

EE1530000 BRADYKININ
UPDT 8408 CAS: 58-82-2 MW: 1060.38 MOLFM: C50-H73-N15-O11
SYN: BK * BRADYKININ (SYNTHETIC) * BPS 640 * KALLIDIN * PBS 640 * SYNTHETIC BRADYKININ
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T34T46 ivn-mus TDLo:25 ug/kg (7-12D preg) JPMSAE 58,406,69
1T53 ivn-mus TDLo:25 ug/kg (7-12D preg) JPMSAE 58,406,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BRADYKININ (SYNTHETIC) see: EE1530000
BRADYL see: ES5222000
BRAHMI EXTRACT (Indian) see: CP0840000
BRALEN KB 2-11 see: TQ3325000
BRALEN RB 03-23 see: TQ3325000
BRASILAMINA BLACK GN see: QJ6160000
BRASILAMINA BLUE 2B see: QJ6400000
BRASILAMINA BLUE 3B see: QJ6475000
BRASILAMINA CONGO 4B see: QK1400000
BRASILAMINA GREEN B see: QJ6195050
BRASILAMINA RED 4B see: QK1765000
BRASILAMINA SKY BLUE 6B see: QJ6430000
BRASILAMINA VIOLET 3R see: QK1420000
BRASILAN AZO RUBINE 2NS see: QK1925000
BRASILAN METAMIL YELLOW see: DB7329500
BRASILAN ORANGE A see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
BRASILAN ORANGE 2G see: QJ6500000
BRASILAZET BLUE GR see: CB0540000
BRASILAZINA BLUE 3B see: QJ6475000
BRASILAZINA OIL ORANGE see: QL4900000
BRASILAZINA OIL RED B see: QL5775000
BRASILAZINA OIL SCARLET see: QK4250000
BRASILAZINA OIL SCARLET 6G see: QL5850000
BRASILAZINA OIL YELLOW G see: BY8225000
BRASILAZINA OIL YELLOW O see: SM8300000
BRASILAZINA OIL YELLOW R see: XU8800000
BRASILAZINA ORANGE Y see: ST3380000
BRASILIAN CHROME ORANGE R see: VO5310000
BRASILIN see: DE3124000
BRASORAN see: XY3280000

EE2590000 BRASSAIOPSIS HAINLA Seem., extract excluding roots
DEF: Indian plant belonging to the family ARALIACEAE (IJEBA6 12,512,74)
UPDT 8305
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

EE2600000 BRASSICA OLERACEA Linn., seed extract
DEF: Indian plant belonging to the family CRUCIFERAE (IJEBA6 16,228,78)
UPDT 8411
TOXICITY DATA AND REFERENCES:
1M10 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78
BRASSICOL see: DA6650000
BRATENOL see: UE9503000
BRAUNSTEIN (German) see: OP0350000
BRAVO see: NT2600000
BRAVO 6F see: NT2600000
BRAVO-W-75 see: NT2600000
BRAXORONE see: TU5514000
BRAZILETTO see: DE3124000
BRAZILIN see: DE3124000
BRECOLANE NDG see: ID5950000
BREDININ see: NI3980000
BREDININE see: NI3980000
BRELLIN see: LY8990000
BREMFOL see: MA0602000
BREMIL see: DK9100000
BRENAL see: AG0440000 ACETIC ACID, (p-CHLOROPHENOXY)-, 2-DIMETHYLAMINOETHYL ESTER,HYDROCHLORIDE
BRENDIL see: TM2785100
BRENOL see: MD6475000
BRENTAMINE FAST BLUE B BASE see: DD0875000
BRENTAMINE FAST BLUE B SALT see: DD0875000
BRENTAMINE FAST ORANGE GR BASE see: BY6650000
BRENTAMINE FAST ORANGE GR SALT see: BY6650000
BRENTAMINE FAST RED TR BASE see: XU5000000
BRENTAMINE FAST RED TR SALT see: XU5250000
BREON see: KV0350000
BREON 107 see: KV0350000
BREON 113 see: KV0350000
BREON 121 see: KV0350000
BREON 151 see: KV0350000
BREON 202 see: KV9750000
BREON 351 see: AK0950000
BREON 425 see: AK0950000
BREON 125/10 see: KV0350000
BREON AS 60/41 see: AK0950000
BREON CS 100/30 see: KV9750000
BREON 111EP see: KV0350000
BREON 112EP see: KV0350000
BREON P 130/1 see: KV0350000
BREON S 110/10 see: KV0350000
BREON S 125/12 see: KV0350000
BRESIT see: UE9480000
BRESTAN see: WH6650000
BRESTAN 60 see: WH6650000
BRESTANOL see: WH6860000
BRETHINE see: DN9000000
BRETOL see: BQ5425000
BRETYLAN see: BO9450000
BRETYLATE see: BO9450000
BRETYLIUM p-TOLUENESULFONATE see: BO9450000
BRETYLIUM TOSYLATE see: BO9450000
BRETYLOL see: BO9450000
BREVATONAL see: BS0120000
BREVICURARINE see: TN4700630
BREVINYL see: TC0350000
BREVINYL E50 see: TC0350000
BREVIRENIN see: DO2625000

EE4910000 BREYNIA RHAMNOIDES (Retz.) Muell.-Arg., extract excluding roots
DEF: Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 18,594,80)
UPDT 8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 18,594,80
BRIANIL see: FB3325000
BRICANYL see: DN9000000
BRICK OIL see: GF8615000
BRIDAL see: KV1915000

EE4960000 BRIDELIA HAMILTONIANA Muell.-Arg., extract excluding roots
DEF: Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 11,43,73)
UPDT 8302
SYN: PANCHOTKAM EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 11,43,73

EE4962000 BRIDELIA OVATA, flower extract
UPDT 8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

EE4965000 BRIDELIA RETUSA Spreng., stem bark extract
DEF: Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 9,91,71)
UPDT 8303
SYN: KHAJA STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
3D35H30J30 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

EE4970000 BRIDELIA SCANDEUS Gehrm., extract excluding roots
DEF: Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 12,512,74)
UPDT 8302
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

EE4975000 BRIDELIA SQUAMOSA Gehrm., extract excluding roots
DEF: Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 11,43,73)
UPDT 8302
SYN: ASNI EXTRACT
TOXICITY DATA AND REFERENCES:
2D35H30 ipr-mus LD50:375 mg/kg IJEBA6 11,43,73

EE4980000 BRIDELIA STIPULARIS Blume, extract excluding roots
DEF: Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 9,91,71)
UPDT 8302
SYN: KHAJA EXTRACT
TOXICITY DATA AND REFERENCES:
2H02J30 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71
BRIGHT RED see: DB5500000
BRIJ 30 see: MD0875000
BRIJ 35 see: MD0875000
BRIJ 96 see: RK2800000
BRIJ 98 see: RK2975000
BRIJ 99 see: RK2975000
BRIJ 96((10) OLEYL) see: RK2800000
BRIJ 98((20) OLEYL) see: RK2975000
BRIJ 30 P.O.E (4) LAURYL ETHER see: JR5960000
BRILLFAST VIOLET see: GE4518000
BRILLIANT ACID BLACK BNA EXPORT see: QJ5950000
BRILLIANT ACID BLACK BN EXTRA PURE A see: QJ5950000
BRILLIANT ACID BLUE A EXPORT see: BP6830000
BRILLIANT ACID BLUE V EXTRA see: BP6830000
BRILLIANT ACID BLUE VS see: BP6830000
BRILLIANT ACID FLAVINE 10J see: DE4098000
BRILLIANT ACID RED G see: QJ6030000
BRILLIANT ACID ROSAMINE 2G see: QJ6030000
BRILLIANT ACID RUBINE M see: QK1925000
BRILLIANT ACID YELLOW 8G see: DE4098000
BRILLIANT ACRIDINE ORANGE E see: AR7600000
BRILLIANT BENZO BLUE 6BA-CF see: QJ6430000
BRILLIANT BLACK see: QJ5950000
BRILLIANT BLACK A see: QJ5950000
BRILLIANT BLACK BN see: QJ5950000
BRILLIANT BLACK HAF see: QJ5950000
BRILLIANT BLACK N.FQ see: QJ5950000
BRILLIANT BLUE see: BQ4550000
BRILLIANT BLUE see: BQ4725000
BRILLIANT BLUE FCD NO. 1 see: BQ4725000
BRILLIANT BLUE FCF see: BQ4725000
BRILLIANT BLUE GS see: BP6830000
BRILLIANT CARMOISINE see: QK1925000
BRILLIANT CHROME LEATHER BLACK H see: QJ6160000
BRILLIANT COLACID RED G see: QJ6030000
BRILLIANT CRIMSON RED see: QK1925000
BRILLIANT CRIMSON 2R FQ see: QK1925000
BRILLIANT FAST OIL YELLOW see: BX7350000
BRILLIANT FAST SPIRIT YELLOW see: BX7350000
BRILLIANT FAST YELLOW see: BX7350000
BRILLIANT GREEN see: BP6825000
BRILLIANT GREEN ASEPTIC see: BP6825000
BRILLIANT GREEN B see: BP6825000
BRILLIANT GREEN B.P. see: BP6825000
BRILLIANT GREEN BPC see: BP6825000
BRILLIANT GREEN BP CRYSTALS see: BP6825000
BRILLIANT GREEN CRYSTALS see: BP6825000
BRILLIANT GREEN CRYSTALS N see: BP6825000
BRILLIANT GREEN DSC see: BP6825000

BEST COPY AVAILABLE

BRILLIANT GREEN 3EMBL see: BQ4375000
BRILLIANT GREEN G see: BP6825000
BRILLIANT GREEN GX see: BP6825000
BRILLIANT GREEN LAKE see: BP6825000
BRILLIANT GREEN P see: BP6825000
BRILLIANT GREEN SPECIAL see: BP6825000
BRILLIANT GREEN SULFATE see: BP6825000
BRILLIANT GREEN WP CRYSTALS see: BP6825000
BRILLIANT GREEN Y see: BP6825000
BRILLIANT GREEN YN see: BP6825000
BRILLIANT GREEN YNS see: BP6825000
BRILLIANT LAKE GREEN Y see: BP6825000
BRILLIANT MILLING RED see: QJ6478000
BRILLIANT OIL ORANGE R see: QL4900000
BRILLIANT OIL ORANGE Y BASE see: ST3380000
BRILLIANT OIL SCARLET B see: QL5850000
BRILLIANT OIL YELLOW see: BX7350000
BRILLIANT OIL YELLOW see: BY3500000
BRILLIANT PINK B see: BP3675000
BRILLIANT PONCEAU G see: QJ6825000
BRILLIANT PONCEAU 3R see: QJ6530000
BRILLIANT PONCEAU 4R see: QJ6530000
BRILLIANT PONCEAU 5R see: QJ6530000
BRILLIANT PONCEAU 4RC see: QJ6530000
BRILLIANT PONCEAU 4RC SPECIALLY PURE see: QJ6530000
BRILLIANT PONCEAU 3RF see: QJ6530000
BRILLIANT RED see: DB5500000
BRILLIANT SAFRANINE BR see: SG1623000
BRILLIANT SAFRANINE G see: SG1623000
BRILLIANT SAFRANINE GR see: SG1623000
BRILLIANT SCARLET see: DB5500000
BRILLIANT SCARLET see: QJ6530000
BRILLIANT SCARLET 3R see: QJ6530000
BRILLIANT SCARLET 4R see: QJ6530000
BRILLIANT SULFAFLAVINE see: DE4098000
BRILLIANT SULFOFLAVIN see: DE4098000
BRILLIANT SULFOFLAVINE FF see: DE4098000
BRILLIANT SULFOFLAVIN FFA see: DE4098000
BRILLIANT SULPHAFLAVINE see: DE4098000
BRILLIANT SULPHO FLAVINE see: DE4098000
BRILLIANT SULPHO FLAVINE FF see: DE4098000
BRILLIANT SULPHO FLAVINE FFA see: DE4098000
BRILLIANT TANGERINE 13030 see: QL3854000
BRILLIANT TONER Z see: DB5500000
BRILLIANT TUNGSTATE GREEN TONER GT-288 see: BP6825000
BRILLIANT VIOLET 5B see: BO9000000
BRILLIANT YELLOW SLURRY see: AK4580000
BRIMSTONE see: WS4250000
BRINDERDIN see: ZG0350000
BRIPADON see: WR6475000
BRISERINE see: ZG0350000
BRISPEN see: XH8925000
BRISTAB see: DK9625000
BRISTACICLIN alpha see: QI8750000
BRISTACICLINA see: QI8750000
BRISTACIN-A see: QI9175000
BRISTACYCLINE see: QI8750000
BRISTACYCLINE see: QI9100000
BRISTAMOX see: XH8301000
BRISTAMYCIN see: KF5790000
BRISTOPEN see: XH9100000
BRISTURIC see: DK8225000
BRISTURIN see: DK9625000
BRISTUROW see: DK8225000
BRITACIL see: XH8350000
BRITAI see: NK4503000 1-INDANCARBOXYLIC ACID, 6-CHLORO-5-CYCLOHEXYL-
BRITISH ALUMINUM AF 260 see: BD0940000
BRITISH ANTILEWISITE see: UB2625000
BRITON see: TA0700000
BRITTEN see: TA0700000
BRITTOX see: DI3150000
BRL see: XH8350000
BRL 1288 see: DD3590000
BRL 1341 see: XH8350000
BRL 1400 see: XH9000000
BRL 1400 see: XH9100000
BRL-1621 see: XH8920000
BRL-1702 see: XH8925000
BRL-2064 see: ON9105000
BRL 2333 see: XH8300000
BRL 3475 see: ON9110000
BRL 25000 see: RN6802800
BRL 14151K see: RN6802700
BR 55N see: KN3525000
BROBAMATE see: TZ0175000
BROCADISIPAL see: KR6300000
BROCADOPA see: AY5600000
BROCASIPAL see: KR6300000
BROCIDE see: KI0525000
BROCKMANN, ALUMINUM OXIDE see: BD1200000
BROCRESIN see: GO6833000
BROCRESINE see: GO6833000
BRODAN see: TF6300000
BRODIFACOUM see: GN4934750
BROFENE see: TE7175000
BROGDEX 555 see: FD3500000
BROM (German) see: EF9100000
BROMACETOCARBAMIDE see: YS2975000
BROMACIL see: YQ9100000
BROMACIL mixed with SODIUM METABORATE TETRAHYDRATE see: ED7204000
BROMADAL see: YS2975000
BROMADEL see: YS2975000
BROMADIALONE see: GN4934700
BROMADIOLONE see: GN4934700
BROMADRYL see: KQ8400000
4-BROM-2-AETHYLPHENOL (German) see: SJ8300000
BROMALLYLENE see: UC7090000
5-(2'-BROMALLYL)-5-ISOPROPYLBARBITURIC ACID see: CQ1050000
4-BROMANILINU (Czech) see: BW9280000
BROMARAL see: YS3150000
BROMAT see: BQ7875000
BROMATE DE SODIUM (French) see: EF8750000
BROMAZEPAM see: DE9800000
BROMAZIL see: YQ9100000
10-BROM-1,2-BENZANTHRACEN (German) see: CW0180000
BROMBENZYL CYANIDE see: AL8050000
BROMCARBAMIDE see: YS3150000
BROMCHLOPHOS see: TB9450000
O-(4-BROM-2,5-DICHLOR-PHENYL)-O,O-DIMETHYL-MONOTHIOPHOSPHAT (German) see: TE7175000
BROMDIETHYLACETYLUREA see: YS2975000
α-D-2-BROM-DIETHYLAMIDE of LYSERGIC ACID see: KE2625000
BROME (French) see: EF9100000
BROMEINE see: QD1040000
BROMELIA see: QJ6900000

EF8652000 BROMELIA PINGUIN L., leaf and stem extract
DEF Jamaican plant belonging to the family BROMELIACEAE (JPPMAB 14,556,62)
UPDT:8403

TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:20 gm/kg JPPMAB 14,556,62

BROMEOSIN see: LM5800000
BROMETHOL see: KM3500000
BROMETHOL see: KM3675000
BROMEX see: TB9450000
BROMEX see: TF0350000
BROMFENVINFOS see: TB8450000
BROMFENVINPHOS see: TB8450000
BROMFENVINPHOS-METHYL see: TB8460000

EF8710000 BROMIC ACID, AMMONIUM SALT
UPDT:8308 CAS: 12843-59-9 MW: 145.96 MOLFM: Br-H-O3 H3-N
SYN: AMMONIUM BROMATE * AMMONIUM BROMATE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172 101,82

EF8715000 BROMIC ACID, BARIUM SALT
UPDT:8401 CAS: 13967-90-3 MW: 393.18 MOLFM: Br2-O6 Ba
SYN: BARIUM BROMATE * BARIUM BROMATE (DOT) * UN 2719 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER AND POISON CFRGBR 49,172 102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EF8720000 BROMIC ACID, MAGNESIUM SALT
UPDT:8312 MW: 280.13 MOLFM: Br2-O6 Mg
SYN: MAGNESIUM BROMATE * MAGNESIUM BROMATE (DOT) * UN 1473 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172 102,83

EF8725000 BROMIC ACID, POTASSIUM SALT
UPDT:8408 CAS: 7758-01-2 MW: 167.01 MOLFM: Br-O3 K
SYN: POTASSIUM BROMATE * POTASSIUM BROMATE (DOT) * UN 1484 (DOT)

MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate AMONDS 3,253,80
cyt-ham:lng 85 mg/L GMCRDC 27,95,81

TUMORIGENIC DATA AND REFERENCES:
3V01M61N62 orl-rat TDLo:9625 mg/kg/2Y-C ESKHA5 100,93,82
2V01M61 orl-rat TDLo:38500 mg/kg/2Y-C GANNA2 73,335,82
3V01M61N62 orl-rat TD :19635 mg/kg/2Y-C ESKHA5 100,93,82
2V01M61 orl-rat TD :19250 mg/kg/2Y-C GANNA2 73,335,82

TOXICITY DATA AND REFERENCES:
3F17J26U26 orl-rat LD50:321 mg/kg ESKHA5 100,93,82

STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172 101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EF8750000 BROMIC ACID, SODIUM SALT
UPDT:8308 CAS: 7789-38-0 MW: 150.90 MOLFM: Br-O3 Na
SYN: BROMATE DE SODIUM (French) * DYETONE * SODIUM BROMATE * SODIUM BROMATE (DOT) * UN 1494 (DOT)

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:140 mg/kg COREAF 257,791,63
scu-dog LDLo:120 mg/kg SAPHAO 30,337,13
orl-rbt LDLo:230 mg/kg SAPHAO 30,337,13
ivn-rbt LDLo:360 mg/kg SAPHAO 30,337,13
scu-gpg LDLo:100 mg/kg SAPHAO 30,337,13

STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172 101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EF8760000 BROMIC ACID, ZINC SALT
UPDT:8312 MW: 321.19 MOLFM: Br2-O6 Zn
SYN: UN 2469 (DOT) * ZINC BROMATE * ZINC BROMATE (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172 102,83

BROMHYDRATE de TETRAHYDROPAPAVEROLINE (French) see: NX0480000
BROMIDE SALT of SODIUM see: VZ3150000
BROMINAL see: DI3150000
BROMINAL M & PLUS see: AG1575000
BROMINATED VEGETABLE (SOYBEAN) OIL see: YX1885000

EF9100000 BROMINE
UPDT:8312 CAS: 7726-95-6 MW: 159.82 MOLFM: Br2
SYN: BROM (German) * BROME (French) * BROMINE (DOT) * BROMO (Italian) * BROOM (Dutch) * UN 1744 (DOT)

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:14 mg/kg 34ZIAG -,645,69
ihl-hmn LCLo:1000 ppm 34ZIAG -,645,69
ihl-mus LC50:750 ppm/9M AIHAAP 39,129,78
ihl-cat LCLo:140 ppm/7H AHYGAJ 7,233,1887
ihl-rbt LCLo:180 ppm/6.5H HBTXAC 1,324,55
ihl-gpg LCLo:140 ppm/7H AHYGAJ 7,233,1887

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: KOTTAM 11(11),1300,75; FOREAE 7,313,42; CLCHAU 19,361,73
★ TLV-TWA 100 ppb; STEL 300 ppb DTLVS* 4,48,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.1 ppm (SCP-Q) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172 101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE AND POISON CFRGBR 49,172 102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

EF9200000 BROMINE AZIDE
UPDT:8308 CAS: 13973-87-0
SYN: BROMINE AZIDE (DOT) * BROMINE NITRIDE * NITROGEN BROMIDE
STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN CFRGBR 49,172.101,82
BROMINE AZIDE (DOT) see: EF9200000

EF9220000 BROMINE CHLORIDE
UPDT:8401 CAS: 13863-41-7 MW: 115.36 MOLFM: Br-Cl
SYN: BROMINE CHLORIDE (DOT) * BROMINE MONOCHLORIDE * BROMOCHLORIDE * UN 2901 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO-POISON A; LABEL-POISON GAS, OXIDIZER, CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BROMINE CHLORIDE (DOT) see: EF9220000
BROMINE CYANIDE see: GT2100000
BROMINE (DOT) see: EF9100000
BROMINE MONOCHLORIDE see: EF9220000
BROMINE NITRIDE see: EF9200000

EF9350000 BROMINE PENTAFLUORIDE
UPDT:8312 CAS: 7789-30-2 MW: 174.91 MOLFM: Br-F5
SYN: BROMINE PENTAFLUORIDE (DOT) * UN 1745 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppb; STEL 300 ppb DTLVS* 4,49,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD-OXIDIZER; LABEL-OXIDIZER CFRGBR 49,172.101,82
★ DOT-IMO-OXIDIZER; LABEL-OXIDIZER, POISON, CORROSIVE CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES; recm std-air-TWA 2.5 mg(F)/m3 NTIS**
BROMINE PENTAFLUORIDE (DOT) see: EF9350000
BROMINE RICH MARINE ANTIBIOTIC see: SK8150000

EF9360000 BROMINE TRIFLUORIDE
UPDT:8312 CAS: 7787-71-5 MW: 136.91 MOLFM: Br-F3
SYN: BROMINE TRIFLUORIDE (DOT) * UN 1746 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD-OXIDIZER; LABEL-OXIDIZER AND POISON CFRGBR 49,172.101,82
★ DOT-IMO-OXIDIZER; LABEL-OXIDIZER, POISON, CORROSIVE CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES; recm std-air-TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BROMINE TRIFLUORIDE (DOT) see: EF9360000
BROMINEX see: DI3150000
BROMINIL see: DI3150000
5-BROMISATIN (Czech) see: NL7875000
5-BROM-3-ISOPROPYL-6-METHYL-URACIL (German) see: YQ9275000
BROMISOVAL see: YS3150000
BROMISOVALERYLUREA see: YS3150000
alpha-BROMISOVALERYLUREA see: YS3150000
BROMISOVALUM see: YS3150000
BROMIZOVAL see: YS3150000
BROMKAL 83-10DE see: KN3525000
BROMKAL 82-00E see: KN3525000
BROMKAL P 67-6MP see: UB6350900
BROM LSD see: KE2625000
BROMLYSERGAMIDE see: KE2625000
2-BROM-D-LYSERGIC ACID DIETHYLAMINE see: KE2625000
BROM-METHAN (German) see: PA4900000
1-BROM-2-NAPHTHOL (German) see: QL3361000
BROMO (Italian) see: EF9100000
BROMOACETALDEHYDE see: AB2193500
alpha-BROMOACETALDEHYDE see: AB2190000
2-BROMOACETALDEHYDE see: AB2190000
BROMOACETAMIDE see: AB4587000
2-BROMOACETAMIDE see: AB4587000
BROMOACETATE ION see: AF5950000
BROMOACETATE ION see: AF5955000
BROMOACETIC ACID see: AF5950000
alpha-BROMOACETIC ACID see: AF5955000
BROMOACETIC ACID, solution (DOT) see: AF5950000
BROMOACETIC ACID ETHYLENE ESTER see: AF5960000
BROMOACETIC ACID, ETHYL ESTER see: AF6000000
BROMOACETIC ACID METHYL ESTER see: AF6300000
BROMOACETIC ACID, SOLID (DOT) see: AF5950000
BROMOACETONE see: UC0525000
BROMOACETONE (DOT) see: UC0525000
BROMOACETONE, LIQUID (DOT) see: UC0525000
alpha-BROMOACETOPHENONE see: AM5978400
omega-BROMOACETOPHENONE see: AM5978400
2-BROMOACETOPHENONE see: AM5978400
BROMOACETOPROPYL ACETATE see: SA8142800 2-PENTANONE, 1-BROMO-5-HYDROXY-, ACETATE
17-beta-BROMOACETOXY-19-NORTESTOSTERONE see: KG7964500
11-alpha-(BROMOACETOXY)PROGESTERONE see: TU5010110
16-alpha-(BROMOACETOXY)PROGESTERONE see: TU5010120
BROMOACETYL BROMIDE see: AO5956000
BROMOACETYL BROMIDE (DOT) see: AO5956000
1-BROMOACETYL-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL see: OB1247500
BROMOACETYLENYLETHYLMETHYLCARBINOL see: SC4800000
(11-alpha)-11-((BROMOACETYL)OXY)PREGN-4-ENE-3,20-DIONE see: TU5010110
(16-alpha)-16-((BROMOACETYL)OXY)PREGN-4-ENE-3,20-DIONE see: TU5010120
BROMOACETYLPROPYL ACETATE see: SA8142800 2-PENTANONE, 1-BROMO-5-HYDROXY-, ACETATE
3-(BROMOACETYL)PROPYL ACETATE see: SA8142800 2-PENTANONE, 1-BROMO-5-HYDROXY-, ACETATE
BROMOACETYL-1 TETRAHYDRO-2,3,4,5, 1H-PYRIDO(3,2-b)AZEPINE HBr (French) see: UU7875900
1-(BROMOACETYL)-2,3,4,5-TETRAHYDRO-1H-PYRIDO(3,2-b)AZEPINE HYDROBROMIDE see: UU7875900
BROMO ACID see: LM5850000
4'-(3-BROMO-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0508500
5-(2-BROMOALLYL)-5-sec-BUTYLBARBITURIC ACID see: CQ0700000
gamma-BROMOALLYLENE see: UK4375000
5-(2-BROMOALLYL)-5-ETHYLBARBITURIC ACID see: CQ1010000
5-(2-BROMOALLYL)-5-METHYLBARBITURIC ACID see: CQ1090000
5-(2'-BROMOALLYL)-5-(1'-METHYL-n-PROPYL)BARBITURIC ACID see: CQ0700000
5-(2-BROMOALLYL)-5-PROPYLBARBITURIC ACID see: CQ1401000
N-(2-BROMOALLYL)TRIETHYLAMMONIUM BROMIDE see: BO9190000
2-BROMO-4-AMINO-6-n-HEXYLRESORCINOL HYDROBROMIDE see: VG9810000
2-alpha-BROMO-5-alpha-ANDROSTANE-3,17-DIONE 3-(O-(p-NITROPHENYL)OXIME) see: BV8044350
1-BROMO-3,6-ANHYDRODULCITOL see: LW5260000
p-BROMOANILINE see: BW9280000
4-BROMOANILINE (9CI) see: BW9280000
(alpha-(p-BROMOANILINO)BENZYL)PHOSPHINIC ACID SODIUM SALT compd. with p-BROMOANILINE see: SZ4425000
4-BROMO-2-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)PHENOL see: SJ7990000
BROMOAPROBARBITAL see: CQ1050000
BROMO B see: LM5850000
p-BROMOBENZAMIDE see: CV2365800
4-BROMOBENZAMIDE see: CV2365800
10-BROMO-1,2-BENZANTHRACENE see: CW0180000
BROMOBENZENE see: CY9000000
4-BROMOBENZENEACETONITRILE see: AL8090000
BROMOBENZENE (DOT) see: CY9000000
p-BROMOBENZENEPHOSPHONIC ACID see: SZ6870300
N-(4-BROMOBENZENESULFONYL)ERYTHROMYCYLAMINE see: KF4635000
p-BROMOBENZOIC ACID AMIDE see: CV2365800
2-BROMOBENZOIC ACID 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER conjugate monoacid see: DG4448400 BENZOIC ACID, 2-BROMO-, 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER, conjugate monoacid
6-BROMOBENZO(a)PYRENE see: DJ4830000
p-BROMOBENZOYLTHIOHYDROXIMIC ACID 5-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE see: DF9900000
1-(p-BROMOBENZYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1127000
(3-(o-BROMOBENZYL)-2-BUTENYL)DIETHYL(HEPTYLOXYCARBONYLMETHYL)AMMONIUM CHLORIDE see: BO9200000
(3-(o-BROMOBENZYL)-2-BUTENYL)DIETHYL(HEXYLOXYCARBONYLMETHYL)AMMONIUM CHLORIDE see: BO9225000
alpha-BROMOBENZYL CYANIDE see: AL8050000
m-BROMOBENZYL CYANIDE see: AL8060000
p-BROMOBENZYL CYANIDE see: AL8090000
4-BROMOBENZYLCYANIDE see: AL8090000
BROMOBENZYL CYANIDE (DOT) see: AL8050000
m-BROMOBENZYL CYANIDE (DOT) see: AL8060000
p-BROMOBENZYL CYANIDE (DOT) see: AL8090000
2-((p-BROMOBENZYL)(2-(DIETHYLAMINO)ETHYL)AMINO)-4-METHYLPYRIMIDINE see: UV7150000
4-((p-BROMOBENZYL)(2-(DIETHYLAMINO)ETHYL)AMINO)-6-METHYLPYRIMIDINE see: UV7150050
4-((p-BROMOBENZYL)(2-(DIETHYLAMINO)ETHYL)AMINO)QUINAZOLINE see: VA1351900
2-((p-BROMOBENZYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)-4-METHYLPYRIMIDINE see: UV7150200
4-((p-BROMOBENZYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)-6-METHYLPYRIMIDINE see: UV7150250
4-((p-BROMOBENZYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)QUINAZOLINE see: VA1351950
(±)-N-(p-BROMOBENZYL)-N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH0274000
(o-BROMOBENZYL)ETHYLDIMETHYLAMMONIUM p-TOLUENESULFONATE see: BO9450000
N-(p-BROMOBENZYL)FLUOROACETAMIDE see: AB4592800
N-(p-BROMOBENZYL)-2-FLUOROACETAMIDE see: AB4592800
1-(p-BROMOBENZYL)-5-FLUORO-URACIL see: YQ9080000
(±)-N-(p-BROMOBENZYL)-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH0276000
BROMOBENZYLNITRILE see: AL8050000
alpha-BROMOBENZYLNITRILE see: AL8050000
4-p-BROMOBENZYL-1-PIPERAZINECARBOXAMIDE HYDROCHLORIDE see: TL0720000
3-(3-(4'-BROMO(1,1'-BIPHENYL)-4-YL)3-HYDROXY-1-PHENYLPROPYL)-4-HYDROXY-2H-1-BENZOPYRAN-2-ONE see: GN4934700
3-(4-BROMO-((1,1'-BIPHENYL)-4-YL)-4-HYDROXY-1H-PYRROLE-2,5-DIONE see: UX9550000
3-(3-(4'-BROMO-1,1'-BIPHENYL-4-YL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-4-HYDROXYCOUMARIN see: GN4934750
alpha-BROMO-beta-beta-BIS(p-ETHOXYPHENYL)STYRENE see: WL4025000
(p-BROMO-alpha-(p-BROMOANILINO)BENZYL)PHOSPHINIC ACID SODIUM SALT compd. with p-BROMOANILINE see: SZ4425200
4-BROMO-7-BROMOMETHYLBENZ(a)ANTHRACENE see: CW0250000
2-BROMO-2-(BROMOMETHYL)GLUTARONITRILE see: MA5395000
4-BROMO-alpha-(4-BROMOPHENYL)-alpha-HYDROXYBENZENEACETIC ACID 1-METHYL ETHYL ESTER see: DD2100000
1-BROMOBUTANE see: EJ6225000
2-BROMOBUTANE see: EJ6228000
2-BROMOBUTANE (DOT) see: EJ6228000
2-BROMOBUTANOIC ACID see: ES7875000
5-BROMO-3-sec-BUTYL-6-METHYLURACIL see: YQ9100000
alpha-BROMOBUTYRIC ACID see: ES7875000
dl-2-BROMOBUTYRIC ACID see: ES7875000
2-BROMOBUTYRIC ACID see: ES7875000
BROMOCARBAMIDE see: YS3150000
1-BROMOCHLORDENE see: PC0400000
BROMOCHLORIDE see: EF9220000
BROMOCHLOROACETONITRILE see: AL8010000
cis-BROMOCHLORODIAMMINEPLATINUM(II) see: TP2267000
1-BROMO-1-CHLORO-2,2-DIFLUOROETHENE see: KU8500000
1-BROMO-1-CHLORO-2,2-DIFLUOROETHYLENE see: KU8500000
2-BROMO-2-CHLORO-1,1-DIFLUOROETHYLENE see: KU8500000
BROMOCHLORODIFLUOROMETHANE see: PA5270000
2-((3-BROMO-5-CHLORO-2,6-DIMETHOXYBENZAMIDO)METHYL)-1-ETHYLPYRROLIDINE see: CV2367500
3-BROMO-5-CHLORO-2,6-DIMETHOXY-N-((1-ETHYL-2-PYROLIDINYL)METHYL)-BENZAMIDE see: CV2367500
4-BROMO-3-CHLORODITHIOCARBANILIC ACID ETHYL ESTER see: FD7560000
4-BROMO-3-CHLORODITHIOCARBANILIC ACID GLYCOLATE see: FD7570000
4-BROMO-3-CHLORODITHIOCARBANILIC ACID METHYL ESTER see: FD7580000
cis-BROMOCHLOROETHYLENEDIAMMINEPLATINUM(II) see: TP2268000
BROMOCHLOROMETHANE see: PA5250000
BROMOCHLOROMETHANE (DOT) see: PA5250000
BROMOCHLOROMETHYL CYANIDE see: AL8010000
1-(5-BROMO-2-CHLOROPHENYL)-2-CHLOROETHENYL DIETHYL PHOSPHATE see: TB8430000
O-(1-(4-BROMO-2-CHLOROPHENYL)-2-CHLOROETHENYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TE6900000
O-(1-(4-BROMO-2-CHLOROPHENYL)-2-CHLOROETHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TE6950000
1-BROMO-1-(p-CHLOROPHENYL)-2,2-DIPHENYLETHYLENE see: KU8510000
1-(4-BROMO-2-CHLOROPHENYL)ETHENYL DIMETHYL PHOSPHATE see: TB8440000
O-(4-BROMO-2-CHLOROPHENYL)-O-ETHYL-S-PROPYL PHOSPHOROTHIOATE see: TE6975000
1-BROMO-1-(p-CHLOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE see: KU8514000
cis-1-BROMO-1-(p-CHLOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE see: KU8520000
trans-1-BROMO-1-(p-CHLOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE see: KU8515000
1-BROMO-3-CHLOROPROPANE see: TK4113000

BEST COPY AVAILABLE

2-((4-(4-BROMO-6-CHLORO-o-TOLYL)BUTYL)AMINO)ETHANETHIOL, HYDROGEN SULFATE (ester) see: KJ0218000
BROMOCHLOROTRIFLUOROETHANE see: KH6550000
2-BROMO-2-CHLORO-1,1,1-TRIFLUOROETHANE see: KH6550000
alpha-BROMOCINNAMALDEHYDE see: GD6480000
alpha-BROMOCINNAMIC ALDEHYDE see: GD6480000
2-BROMO-p-CRESOL see: GO6868200 p-CRESOL, 2-BROMO-
BROMOCRIPTINE see: KE8250000
BROMOCRIPTINE MESILATE see: KE1595000
BROMOCYAN see: GT2100000
BROMOCYANIDE see: GT2100000
BROMOCYANOGEN see: GT2100000
2-BROMO-alpha-CYANO-6-METHYLERGOLINE-8-PROPIONAMIDE see: KE6345040
BROMO 4DC see: LM5850000
m-BROMO-DCBA see: DP1576000
o-BROMO-DCBA see: DP1576200
p-BROMO-DCBA see: DP1576400
BROMODEOXYURIDINE see: YU7350000
5-BROMODEOXYURIDINE see: YU7350000
5-BROMO-2-DEOXYURIDINE see: YU7350000
5-BROMO-2'-DEOXYURIDINE see: YU7350000
5-BROMODESOXYURIDINE see: YU7350000
m-BROMO-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1576000
o-BROMO-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1576200
p-BROMO-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1576400
BROMODICHLOROMETHANE see: PA5310000
O-(4-BROMO-2,5-DICHLOROPHENYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TE7000000
O-(4-BROMO-2,5-DICHLOROPHENYL) O,O-DIETHYLPHOSPHOROTHIONATE see: TE7000000
O-(4-BROMO-2,5-DICHLOROPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TE7175000
4-BROMO-2,5-DICHLOROPHENYL DIMETHYL PHOSPHOROTHIONATE see: TE7175000
O-(4-BROMO-2,5-DICHLOROPHENYL) O-ETHYL ETHYLPHOSPHONOTHIOATE see: TB0185000
O-(4-BROMO-2,5-DICHLOROPHENYL) O-ETHYL PHENYLPHOSPHONOTHIOATE see: TB1717500
O-(4-BROMO-2,5-DICHLOROPHENYL) O-(1-METHYLETHYL)METHYLPHOSPHONOTHIOATE see: TB1070000
O-(4-BROMO-2,5-DICHLOROPHENYL) O-METHYL ETHYLPHOSPHONOTHIOATE see: TB0200000
O-(4-BROMO-2,5-DICHLOROPHENYL) O-METHYL PHENYLPHOSPHONOTHIOATE see: TB1720000
alpha-BROMO-2,6-DICHLOROTOLUENE see: XS7966000
O-(4-BROMO-2,5-DICLORO-FENIL)-O,O-DIMETIL-MONOTIOFOSFATO (Italian) see: TE7175000
2-BROMO-9,10-DIDEHYDRO-N,N-DIETHYL-6-METHYLERGOLINE-8-beta-CARBOXAMIDE see: KE2625000
(S)-(-)-2-((3-BROMO-2,6-DIETHOXYBENZAMIDO)METHYL)-1-ETHYLPYRROLIDINE HYDROCHLORIDE see: CV2367800
(S)-(-)-3-BROMO-2,6-DIETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE see: CV2367800
BROMODIETHYLACETYLCARBAMIDE see: YS2975000
BROMODIETHYLACETYLUREA see: YS2975000
5-BROMO-2-(2-(DIETHYLAMINO)ETHOXY)BENZANILIDE see: CV7418010
5-BROMO-1-(DIETHYLAMINOMETHYL)-3,3-DI-p-TOLYL-2-INDOLINONE see: NM2084300
BROMODIETHYLGOLD see: MD5300000
BROMODIFLUOROPHOSPHINE SULFIDE see: XN2985000
S-(2-BROMO-1-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)ETHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TD7750000
7-BROMO-1,3-DIHYDRO-5-(2-PYRIDYL)-2H-1,4-BENZDIAZEPIN-2-ONE see: DE9800000
5-BROMO-3,4-DIHYDROXYBENZOIC ACID see: UL0565000
2-((3-BROMO-2,6-DIMETHOXYBENZAMIDO)METHYL)-1-ETHYLPYRROLIDINE HYDROCHLORIDE see: CV2369500
(R)-(+)-2-((3-BROMO-2,6-DIMETHOXYBENZAMIDO)METHYL)-1-ETHYLPYRROLIDINE HYDROCHLORIDE see: CV2369600
(S)-(-)-2-((3-BROMO-2,6-DIMETHOXYBENZAMIDO)METHYL)-1-ETHYLPYRROLIDINE HYDROCHLORIDE see: CV2369600
(S)-(-)-3-BROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE see: CV2369000
3-BROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE see: CV2369500
(R)-(+)-3-BROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE see: CV2369600
21-BROMO-3,17-DIMETHOXY-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE see: RC8924700
4-(2-BROMO-4,5-DIMETHOXYPHENYL)-1,1,7,7-TETRAETHYLDIETHYLENETRIAMINE see: IE1520000
p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL ALCOHOL CARBAMATE (ester) see: DN8760000
(-)-2-(p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE see: US4025400
(+)-2-(p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE see: US4026200
(±)-2-(p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE see: US4026000
6-BROMO-3-((DIMETHYLAMINO)METHYL)-2-METHYLINDOLE see: NL5171000
6-BROMO-3-((DIMETHYLAMINO)METHYL)-1-METHYLINDOLE HYDROBROMIDE see: NL5171500
5-BROMO-9,10-DIMETHYL-1,2-BENZANTHRACENE see: CW0350000
6-BROMO-1,2-DIMETHYLGRAMINE HYDROBROMIDE see: NL5171500
N-(5-BROMO-2,6-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS2825000
alpha-BROMO-beta-DIMETHYLPROPANOYLUREA see: YS3150000
9-BROMO-5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE see: UU8821000
2-BROMO-4,6-DINITROANILINE see: BW9303000
4-BROMO-1,2-DINITROBENZENE (DOT) see: CY9023000
2-(1-(4-BROMODIPHENYL)ETHOXY)-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE see: KQ8400000
1-BROMO-2,2-DIPHENYL-1-(m-FLUOROPHENYL)ETHYLENE see: KU8525000
1-BROMO-2,2-DIPHENYL-1-(o-FLUOROPHENYL)ETHYLENE see: KU8530000
1-BROMO-2,2-DIPHENYL-1-(p-FLUOROPHENYL)ETHYLENE see: KU8535000
2-BROMO-1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-1-PROPANONE see: UC0530200
3-BROMO-1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-1-PROPANONE see: UC0530300
1-BROMO-2,2-DIPHENYL-1-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ETHYLENE see: KU8540000
5-BROMO-3,3-DI-p-TOLYL-1-(MORPHOLINOMETHYL)-2-INDOLINONE see: NM2084350
BROMO DNA see: BW9303000
9-BROMOELLIPTICINE see: UU8821000
BROMOEOSIN see: LM5800000
BROMOEOSINE see: LM5850000
1-BROMO-3-(epOXYETHYL)BENZENE see: CY9024000
1-BROMO-4-(EPOXYETHYL)BENZENE see: CY9025000
3-BROMO-1,2-EPOXYPROPANE see: LK4115000
BROMOERGOCRIPTINE see: KE8250000
BROMOERGOCRYPTINE see: KE8250000
2-BROMOERGOCRYPTINE see: KE8250000
2-BROMO-alpha-ERGOCRYPTINE see: KE8250000
2-BROMO-alpha-ERGOCRYPTINE METHANESULFONATE see: KE1595000
2-BROMO-alpha-ERGOKRYPTIN see: KE8250000
2-BROMO-alpha-ERGOKRYPTINE see: KE8250000
2-BROMO-alpha-ERGOKRYPTINE MESILATE (German) see: KE1595000 alpha-ERGOCRYPTINE, 2-BROMO-, METHANESULFONATE
2-BROMOETHANAMINE see: KQ8090000
BROMOETHANE see: KH6475000
BROMOETHANOIC ACID see: AF5950000
BROMOETHANOIC ACID see: AF5955000
alpha-BROMOETHANOIC ACID see: AF5950000
BROMOETHANOL see: KJ8225000 ETHANOL, 2-BROMO-
2-BROMOETHANOL see: KJ8225000
BROMOETHENE (9CI) see: KU8400000
2-BROMOETHOXYETHANE see: KN3950000
beta-BROMOETHYLAMINE see: KQ8090000
2-BROMOETHYLAMINE see: KQ8090000
N-(2-BROMOETHYL)AMINOMETHYL-4-ETHOXYNITROBENZENE see: DP1740000 BENZYLAMINE, N-(2-BROMOETHYL)-2-ETHOXY-5-NITRO-
N-(2-BROMOETHYL)AMINOMETHYL-4-METHOXYNITROBENZENE see: DP1742000 BENZYLAMINE, N-(2-BROMOETHYL)-2-METHOXY-5-NITRO-
1-BROMO-3-ETHYL-1-BUTYN-3-OL see: SC4800000
(alpha-BROMO-alpha-ETHYLBUTYRYL)CARBAMIDE see: YS2975000
(alpha-BROMO-alpha-ETHYLBUTYRYL)UREA see: YS2975000
1-BROMO-ETHYL-BUTYRYL-UREA see: YS2975000
2-BROMO-2-ETHYLBUTYRYLUREA see: YS2975000
2-BROMO-N-ETHYL-N,N-DIMETHYLBENZENEMETHANAMINIUM 4-METHYLBENZENESULFONATE see: BO9450000
N-(2-BROMOETHYL)-2,4-DINITROANILINE see: BW9302900
N-beta-BROMOETHYL-2,4-DINITROANILINE see: BW9302900
BROMOETHYLENE see: KU8400000
N-(2-BROMOETHYL)-2-ETHOXY-5-NITROBENZYLAMINE see: DP1740000 BENZYLAMINE, N-(2-BROMOETHYL)-2ETHOXY-5-NITRO-
2-BROMOETHYL ETHYL ETHER see: KN3950000
2-BROMOETHYL ETHYL ETHER (DOT) see: KN3950000
N-(2'-BROMOETHYL)HELIOTRIDANE BROMIDE see: UY8419200 1H-PYRROLIZINIUM, HEXAHYDRO-4-(2-BROMOETHYL)-1-METHYL-, BROMIDE, (1S-(1 alpha,7a beta))-
N-(2-BROMOETHYL)-2-METHOXY-5-NITROBENZYLAMINE see: DP1742000 BENZYLAMINE, N-(2-BROMOETHYL)-2-METHOXY-5-NITRO-
N-(2'-BROMOETHYL)-1-METHYLENEPYRROLIZIDINE CHLORIDE see: UY8419300 1H-PYRROLIZINIUM,HEXAHYDRO-4-(2-BROMOETHYL)-1-METHYLENE-, CHLORIDE
5-(2-BROMOETHYL)-6-METHYLTHIAZOLE ETHANEDISULFONATE see: XJ2985000
2-BROMO-6-ETHYLPHENOL see: SJ8270000
4-BROMO-2-ETHYLPHENOL see: SJ8300000
2-BROMOETHYNYL-2-BUTANOL see: SC4800000
BROMOETHYNYLETHYLMETHYLCARBINOL see: SC4800000

EG7000000 BROMOFENOXIM

UPDT:8310 CAS: 1318-17-4 MW: 461.05 MOLFM: C13-H7-Br2-N3-O6
SYN: BENZALDEHYDE, 3,5-DIBROMO-4-HYDROXY-, (2,4-DINITROPHENYL)OXIME * BROMOPHENOXIM * C9122 * 3,5-DIBROMO-4-HYDROXYBENZALDEHYDE 2,4-DINITROPHENYL OXIME * 3,5-DIBROMO-4-HYDROXYBENZALDEHYDE (2,4-DINITROPHENYL)OXIME * 3,5-DIBROMO-4-HYDROXYBENZALDEHYDE O-(2,4-DINITROPHENYL)OXIME * FANERON

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1100 mg/kg 85ARAE 2,203,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BROMO FL see: LM5850000
BROMOFLOR see: SZ7100000
BROMOFLUORESCEIC ACID see: LM5850000
BROMOFLUORESCEIC ACID see: LM5800000
BROMO FLUORESCEIN see: LM5850000
BROMOFLUOROFORM see: PA5425000
4'-BROMO-2-FLUORO-N-METHYLACETANILIDE see: AD9634500 ACETANILIDE, 4'-BROMO-2-FLUORO-N-METHYL-
cis-1-BROMO-1-(m-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE see: KU8550000
cis-1-BROMO-1-(o-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE see: KU8560000
cis-1-BROMO-1-(p-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE see: KU8570000
trans-1-BROMO-1-(p-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE see: KU8565000
1-BROMO-1-(m-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE see: KU8545000
1-BROMO-1-(o-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE see: KU8555000
p-(beta-BROMO-2-FLUORO-alpha-PHENYLSTYRYL)PHENOL see: SJ8320100
p-(beta-BROMO-3-FLUORO-alpha-PHENYLSTYRYL)PHENOL see: SJ8320200
p-(beta-BROMO-4-FLUORO-alpha-PHENYLSTYRYL)PHENOL see: SJ8320300
10-BROMO-11b-(2-FLUOROPHENYL)-2,3,7,11b-TETRAHYDROOXAZOLO(3,2-d)(1,4)BENZODIAZEPIN-6(5H)-ONE see: RQ5831500
BROMOFORM see: PB5600000
BROMOFORM (DOT) see: PB5600000
BROMOFORME (French) see: PB5600000
BROMOFORMIO (Italian) see: PB5600000
BROMOFOS see: TE7175000
BROMOFOS-ETHYL see: TE7000000
BROMOFOS-METHYL see: TE7175000

EG7890000 BROMOFREONE (BFP-4)

DEF Consists of FREONE 114 DIBROMIDE 31%, FREONE 114 BROMIDE 28%, FREONE 12 DIBROMIDE 13% and other impurities (GISAAA 47(8)90,82)
UPDT:8402
SYN: BFB-4

TOXICITY DATA AND REFERENCES:
3F13F25J05 ihl-mam LC50:18750 mg/m3/2H GISAAA 47(8),90,82

BROMOFUME see: KH9275000
BROM-O-GAS see: PA4900000
BROM-O-GAZ see: PA4900000
1-BROMO-4,5,6,7,8,8-HEXACHLORO-3,4,7,7A-TETRAHYDRO-4,7-METHANO-1H-INDENE see: PC0400000
BROMOHEXYLMERCURY see: OV7424000
6-BROMO-5-(HYDROPEROXYACETYL)-2-((PHENYLTHIO)METHYL)-3-BENZOFURANCARBOXYLIC ACID ETHYL ESTER see: DF6492030
2-alpha-BROMO-17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME see: BV8047710
2-BROMO-17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME ACETATE (ester) see: BV8047720
3-BROMO-2-HYDROXY-2,4,6-CYCLOHEPTATRIEN-1-ONE see: GU3831000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 3BROMO-2-HYDROXY-
BROMO(2-HYDROXYETHYL)MERCURY see: OV7425000
BROMO(2-HYDROXYETHYL)MERCURY AMMONIA SALT see: OV7426000
2-BROMO-12'-HYDROXY-2'-(1-METHYLETHYL)-5'-alpha-(2-METHYLPROPYL)ERGOTAMIN-3',6',18-TRIONE see: KE8250000
6-alpha-BROMO-17-beta-HYDROXY-17-alpha-METHYL-4-OXA-5-alpha-ANDROSTAN-3-ONE see: RN6800500
1-BROMO-5-HYDROXY-2-PENTANONE ACETATE see: SA8142800 2-PENTANONE, 1-BROMO-5-HYDROXY-, ACETATE
9-alpha-BROMO-11-beta-HYDROXYPREGN-4-ENE-3,20-DIONE see: TU5010130
12-alpha-BROMO-11-beta-HYDROXYPREGN-4-ENE-3,20-DIONE see: TU5010140
5-BROMO-8-HYDROXYQUINOLINE see: VC4582000
5-BROMOINDOLE-2,3-DIONE see: NL7875000
2-BROMOISOBUTANE see: TX4150000
5-BROMO-3-ISOPROPYL-6-METHYL-2,4-PYRIMIDINEDIONE (French) see: YQ9275000
5-BROMO-3-ISOPROPYL-6-METHYLURACIL see: YQ9275000

BEST COPY AVAILABLE

5-BROMO-3-ISOPROPYL-6-METIL-URACIL (Italian) see: YQ9275000
3'-BROMOISOSAFROLE see: DF4912000
alpha-BROMOISOVALERIC ACID UREIDE see: YS3150000
alpha-BROMOISOVALEROYLUREA see: YS3150000
(alpha-BROMOISOVALERYL)UREA see: YS3150000
BROMOISOVALUM see: YS3150000
BROMO JPS see: LM5850000
9-alpha-BROMO-11-KETOPROGESTERONE see: TU5514000
BROMOL see: SN1225000
2-BROMO-D-LYSERGIC ACID DIETHYLAMIDE see: KE2625000
BROMOLYSERGIDE see: KE2625000
2-(BROMOMERCURI)ETHANOL see: OV7425000
2-(BROMOMERCURI) ETHANOL-AMMONIA (1.0.8 moles) compound see: OV7426000
3-BROMOMERCURI-4-METHOXY-1,6,8-TRIAZABICYCLO(4.3.0)NONANE-7,9-DIONE see: UR5880000
BROMOMETANO (Italian) see: PA4900000
BROMOMETHANE see: PA4900000
3-BROMO-3-(4-METHOXYBENZOYL)ACRYLIC ACID SODIUM SALT see: AS4800000
2-(5-BROMO-2-METHOXYBENZOYL)-1-(2-(DIMETHYLAMINO)PROPYL)PYRROLE CITRATE see: OB1247000
trans-3-BROMO-6-METHOXYCINNAMIC ACID see: GD8421500
9-BROMOMETHYLANTHRACENE see: CA9380000
BROMOMETHYLATE de 2-PHENYL 2-(2'-THIENYL) GLYCOLATE de beta-DIETHYLAMINOETHYLE (French) see: BP7627000
7-BROMOMETHYLBENZ(a)ANTHRACENE see: CW0380000
(BROMOMETHYL)BENZENE see: XS7965000
p-BROMO-alpha-METHYLBENZHYDRYL 2-DIMETHYLAMINOETHYL ETHER HYDROCHLORIDE see: KQ8400000
m-BROMOMETHYLBENZOIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER see: DG4449800
p-BROMOMETHYLBENZOIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER see: DG4449810
6-BROMOMETHYLBENZO(a)PYRENE see: DJ4850000
p-BROMOMETHYLBENZOYL CHOLINE IODIDE see: BR1270000
m-BROMOMETHYLBENZOYL DIMETHYLAMINOETHANOL see: DG4449800
p-BROMOMETHYLBENZOYL DIMETHYLAMINOETHANOL see: DG4449810
alpha-(BROMOMETHYL)BENZYL sec-BUTYL ETHER see: KN4010000 ETHER, alpha-(BROMOMETHYL)BENZYLsec-BUTYL
alpha-(BROMOMETHYL)BENZYL 2-ETHYLHEXYL ETHER see: KN4020000 ETHER, alpha-(BROMOMETHYL)BENZYL 2-ETHYLHEXYL
1-BROMO-3-METHYLBUTANE (DOT) see: EJ6230000
alpha-(BROMOMETHYL)-p-tert-BUTYLBENZYL OCTYL ETHER see: KN4026000 ETHER, alpha-(BROMOMETHYL)-p-tert-BUTYLBENZYL OCTYL
2-BROMO-3-METHYLBUTYRYLUREA see: YS3150000
7-BROMOMETHYL-4-CHLOROBENZ(a)ANTHRACENE see: CW0400000
alpha-(BROMOMETHYL)-m-CHLOROBENZYL sec-BUTYL ETHER see: KN4027000 ETHER, alpha-(BROMOMETHYL)-m-CHLOROBENZYL sec-BUTYL
alpha-(BROMOMETHYL)-p-CHLOROBENZYL sec-BUTYL ETHER see: KN4028000 ETHER, alpha-(BROMOMETHYL)-p-CHLOROBENZYL sec-BUTYL
alpha-(BROMOMETHYL)-m-CHLOROBENZYL 2-ETHYLHEXYL ETHER see: KN4029000 ETHER, alpha-(BROMOMETHYL)-m-CHLOROBENZYL 2-ETHYLHEXYL
alpha-(BROMOMETHYL)-m-CYCLOHEXYLBENZYL 2-ETHYLHEXYL ETHER see: KN4030000 ETHER, alpha-(BROMOMETHYL)-m-CYCLOHEXYLBENZYL 2-ETHYLHEXYL
alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL 2-ETHYLHEXYL ETHER see: KN4031000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL 2-ETHYLHEXYL
alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL HEXYL ETHER see: KN4032000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL HEXYL
alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL OCTYL ETHER see: KN4033000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL OCTYL
alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL PENTYL ETHER see: KN4034000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL PENTYL
alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL BUTYL ETHER see: KN4035000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL BUTYL
alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL 2-ETHYLHEXYL ETHER see: KN4036000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL 2-ETHYLHEXYL
alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL OCTYL ETHER see: KN4037000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL OCTYL
alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL PENTYL ETHER see: KN4038000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL PENTYL
alpha-(BROMOMETHYL)-3,4-DICHLOROBENZYL 2-ETHYLHEXYL ETHER see: KN4039000 ETHER, alpha-(BROMOMETHYL)-3,4-DICHLOROBENZYL 2-ETHYLHEXYL
7-BROMOMETHYL-6-FLUOROBENZ(a)ANTHRACENE see: CW0425000
6-BROMO-2-METHYLGRAMINE see: NL5171000
alpha-(BROMOMETHYL)-p-HEXYLBENZYL 2-ETHYLHEXYL ETHER see: KN4040000 ETHER, alpha-(BROMOMETHYL)-p-HEXYLBENZYL 2-ETHYLHEXYL
5-BROMO-1-METHYL-INDOLE-2,3-DIONE see: NL7878000
5-BROMO-1-METHYL-ISATIN see: NL7878000
alpha-(BROMOMETHYL)-p-ISOPROPYLBENZYL DODECYL ETHER see: KN4041000 ETHER, alpha-(BROMOMETHYL)-p-ISOPROPYLBENZYL DODECYL
alpha-(BROMOMETHYL)-p-ISOPROPYLBENZYL PENTYL ETHER see: KN4042000 ETHER, alpha-(BROMOMETHYL)-p-ISOPROPYLBENZYL PENTYL
7-BROMOMETHYL-1-METHYLBENZ(a)ANTHRACENE see: CW0450000
7-BROMOMETHYL-12-METHYLBENZ(a)ANTHRACENE see: CW0525000
12-BROMOMETHYL-7-METHYLBENZ(a)ANTHRACENE see: CW0600000
5-BROMO-6-METHYL-3-(1-METHYLETHYL)-2,4-(1H,3H)-PYRIMIDINEDIONE see: YQ9275000
5-BROMO-6-METHYL-3-(1-METHYLPROPYL)-2,4(1H,3H)-PYRIMIDINEDIONE see: YQ9100000
5-BROMO-6-METHYL-3-(1-METHYLPROPYL)URACIL see: YQ9100000
4-BROMOMETHYL-1-METHYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE see: YJ9266000
2-BROMOMETHYL-4-NITROANISOLE see: XS7966500
p-(BROMOMETHYL)NITROBENZENE see: XS7965000
4-BROMO-2-METHYL-1-(2-NITROPHENYLACETAMIDO)ANTHRAQUINONE see: CB5982000
alpha-(BROMOMETHYL)-p-OCTYLBENZYL BUTYL ESTER see: KN4043000 ETHER, alpha-(BROMOMETHYL)-p-OCTYLBENZYL BUTYL
6-alpha-BROMO-17-beta-METHYL-4-OXA-5-alpha-ANDROSTAN-3-ONE see: RN6800500
1-BROMO-3-METHYLPENTIN-3-OL see: SC4800000
1-BROMO-3-METHYL-1-PENTYN-3-OL see: SC4800000
1-BROMO-3-METHYL-1-PENTYN-3-YL alpha-PHENYLPIPERIDINEACETATE HYDROCHLORIDE see: TM3580000
2-((p-BROMO-alpha-METHYL-alpha-PHENYLBENZYL)OXY)-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE see: KQ8400000
N-(2-BROMO-6-METHYLPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-UREA HYDROCHLORIDE see: YS3160000
N-(2-BROMO-6-METHYLPHENYL)-N'-(IMINO(ISOPROPYLAMINO)METHYL)-, HYDROCHLORIDE see: YS3167000
N-(2-BROMO-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS3165000
N-(2-BROMO-6-METHYLPHENYL)-N'-(IMINO((1-METHYLETHYL)AMINO)METHYL)UREA HYDROCHLORIDE see: YS3167000
N-(2-BROMO-6-METHYLPHENYL)-N'-(IMINO(PROPYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS3168000
BROMOMETHYL PHENYL KETONE see: AM5978400
1-BROMO-2-METHYLPROPANE see: TX4140000
2-BROMO-2-METHYLPROPANE see: TX4150000
1-BROMO-2-METHYLPROPANE (DOT) see: TX4140000
2-BROMO-2-METHYLPROPANE (DOT) see: TX4150000
2-BROMO-N-METHYL-2',4',5'-TRICHLOROACETANILIDE see: AD9651000 ACETANILIDE, 2-BROMO-N-METHYL-2',4',5'-TRICHLORO-
BROMOMETILATO di 1-N-PIPERIDINO-4-BENZOIL-CICLOESANOLO (Italian) see: TN5700000
1-BROMO-2-NAPHTHOL see: QL3361000
(6-(3-(1-BROMO-2-NAPHTHYL)-D-ALANINE))-LHRH see: OK6444000
(6-(3-(1-BROMO-2-NAPHTHYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6444000
BROMONE see: GN4934700
8-beta-((5-BROMONICOTINOYLOXY)METHYL)-1,6-DIMETHYL-10-alpha-METHOXYERGOLINE see: KE6341000
m-BROMONITROBENZENE see: CY9040500
o-BROMONITROBENZENE see: CY9040450
p-BROMONITROBENZENE see: CY9040550
1-BROMO-2-NITROBENZENE (DOT) see: CY9040450
2-BROMONITROBENZENE see: CY9040450
3-BROMONITROBENZENE see: CY9040500
4-BROMONITROBENZENE see: CY9040550
6-BROMO-2-NITRONAPHTHO(2,1-b)FURAN see: QL0822900
9-BROMO-2-NITRONAPHTHO(2,3-b)FURAN see: QL0823100
1-(4-(2-BROMO-4-NITROPHENYL)-2-THIAZOLYL)HYDANTOIN see: MT9195600
2-BROMO-2-NITROPROPAN-1,3-DIOL see: TY3385000
2-BROMO-2-NITRO-1,3-PROPANEDIOL see: TY3385000
2-BROMO-2-NITROPROPANE-1,3-DIOL see: TY3385000
3-BROMO-4-NITROQUINOLINE 1-OXIDE see: VB0525000
beta-BROMO-beta-NITROSOTRYRENE see: WL4050000
2-BROMO-5-NITROTHIAZOLE see: XJ2986000
alpha-BROMO-p-NITROTOLUENE see: XS7967000
beta-BROMO-beta-NITROTRIMETHYLENEGLYCOL see: TY3385000
1-BROMOOCTANE see: RG8575000
DL-N-(3-BROMO-1-OXOPROPYL)-3-(p-CHLOROPHENYL)ALANINE see: AY4251400
5-BROMO-8-OXYQUINOLINE see: VC4582000
alpha-BROMOPARANITROTOLUENE see: XS7967000
2-BROMOPENTANE see: RZ9800000
2-BROMOPENTANE (DOT) see: RZ9800000
p-BROMOPHENACYL-B see: AM6950000
p-BROMOPHENACYL BROMIDE see: AM6950000
4-BROMOPHENACYL BROMIDE see: AM6950000
9-BROMOPHENANTHRENE see: SF7197000
di-BROMOPHENIRAMINE MALEATE see: US4026000
BROMOPHENOL see: SJ7874900
o-BROMOPHENOL see: SJ7875000
p-BROMOPHENOL see: SJ7960000
4-BROMOPHENOL see: SJ7960000
BROMOPHENOXIM see: EG7000000
1-(p-BROMOPHENOXY)-2,3-EPOXYPROPANE see: TX4160000
(p-BROMOPHENYL)ACETIC ACID see: AF6325000
(4-BROMOPHENYL)ACETIC ACID see: AF6325000
alpha-BROMOPHENYLACETONITRILE see: AL8050000
p-BROMOPHENYLACETONITRILE see: AL8090000
2-(4-BROMOPHENYL)ACETONITRILE see: AL8090000
3-BROMOPHENYLACETONITRILE see: AL8060000
4-BROMOPHENYLACETONITRILE see: AL8090000
p-BROMOPHENYLAMINE see: BW9280000
1-((p-BROMOPHENYL)AMINOTHIOCARBONYL)-4-HYDROXY-4-PHENYL PIPERIDINE see: TM6118000
4-(o-BROMO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3065000
4-(o-BROMO-alpha-PHENYLBENZYL)-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE see: TM3066000
1-(4-(o-BROMOPHENYL)-2-BUTENYL)-1-(BUTOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4621000
1-(4-(o-BROMOPHENYL)-2-BUTENYL)-1-(DECYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4623000
1-(4-(o-BROMOPHENYL)-2-BUTENYL)-1-(METHOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4625000
1-(4-(o-BROMOPHENYL)-2-BUTENYL)-1-(3-METHYL-4-PHENYL-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4627000
1-(4-(o-BROMOPHENYL)-2-BUTENYL)PIPERIDINE HYDROCHLORIDE see: TM4952500
1-(4-(p-BROMOPHENYL)-2-BUTENYL)PIPERIDINE HYDROCHLORIDE see: TM4955000
2-(p-BROMOPHENYL)BUTYRIC ACID see: ES8060000
erythro-(±)-3-(p-BROMOPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER see: MU4420000
erythro-(-)-3-(p-BROMOPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER see: MU4410000
threo-(±)-3-(p-BROMOPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER see: MU4426000
threo-(-)-3-(p-BROMOPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER see: MU4425000
3-(4-BROMOPHENYL)-N,N-DIMETHYL-3-(3-PYRIDINYL)-2-PROPEN-1-AMINE see: UC6555000
alpha-BROMO-beta-PHENYLETHYLENE see: WL3850000
5-(o-BROMOPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8520500
5-(2'-BROMOPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8520500
BROMOPHENYL GLYCIDYL ETHER see: TX4160000
p-BROMOPHENYL GLYCIDYL ETHER see: TX4160000
4-BROMOPHENYL GLYCIDYL ETHER see: TX4160000
3-(alpha-(p-(p-BROMOPHENYL)-beta-HYDROXYPHENETHYL)BENZYL)-4-HYDROXYCOUMARIN see: GN4934700
N-(p-BROMOPHENYL)-4-HYDROXY-4-PHENYL-THIO-1-PIPERIDINECARBOXAMIDE see: TM6118000
2-(p-BROMOPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3012000
5-BROMO-2-PHENYL-1,3-INDANDIONE see: NK5156000
5-BROMO-2-PHENYLINDAN-1,3-DIONE see: NK5156000
p-BROMOPHENYL ISOTHIOCYANATE see: NX8400000
BROMOPHENYLMETHANE see: XS7965000
3-(p-BROMOPHENYL)-1-METHOXY-1-METHYLUREA see: YS3325000
5-(p-BROMOPHENYL)-3-METHOXY-as-TRIAZINE see: XY4399000
(m-BROMOPHENYL)(m-METHYLAMINOPHENYL)PHOSPHINIC ACID see: SZ4450000
2-(p-BROMOPHENYL)-2-METHYL-1,3-DIOXOLANE-4-METHANOL CARBAMATE see: JH8500000
N-(4-BROMOPHENYL)-N'-METHYL-N'-METHOXY-HARNSTOFF (German) see: YS3325000
3-(p-BROMOPHENYL)-1-METHYL-1-METHOXYUREA see: YS3325000
2-(m-BROMOPHENYL)-N-(3-METHYLMORPHOLINO)SUCCINIMIDE see: WN2295000
3-(p-BROMOPHENYL)-1-METHYL-1-NITROSOUREA see: YS3550000
5-(p-BROMOPHENYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY4399500
1-(p-BROMOPHENYL)-1-PHENYL-1-(2-DIMETHYLAMINOETHOXY)ETHANE HYDROCHLORIDE see: KQ8400000
2-(1-(4-BROMOPHENYL)-1-PHENYLETHOXY)-N,N-DIMETHYLETHANAMINE HYDROCHLORIDE see: KQ8400000
(2-(1-p-BROMOPHENYL-1-PHENYLETHOXY)ETHYL)DIMETHYLETHYLAMINE HYDROCHLORIDE see: KQ8400000

BEST COPY AVAILABLE

(o-BROMOPHENYL)PHENYLPHOSPHINIC ACID see: SZ4460000
(m-BROMOPHENYL)PHOSPHONIC ACID see: SZ6870100
(o-BROMOPHENYL)PHOSPHONIC ACID see: SZ6870200
(p-BROMOPHENYL)PHOSPHONIC ACID see: SZ6870300
(Z)-3-(4'-BROMOPHENYL)-3-(3''-PYRIDYL)DIMETHYLALLYLAMINE see: UC6555000
(9S)-9-(((4-BROMOPHENYL)SULFONYL)AMINO)-9-DEOXO-ERYTHROMYCIN see: KF4635000
2-(m-BROMOPHENYL)THIAZOLIDINE see: XJ5139000
BROMOPHOS see: TE7175000
BROMOPHOSETHYL see: TE7000000
9-BROMOPREGN-4-ENE-3,11,20-TRIONE see: TU5514000
9-alpha-BROMOPREGN-4-ENE-3,11,20-TRIONE see: TU5514000
16-BROMOPREGN-4-ENE-3,20-DIONE see: TU5010100
16-BROMOPROGESTERONE see: TU5010100
1-BROMOPROPANE see: TX4110000
2-BROMOPROPANE see: TX4111000
1-BROMOPROPANE (DOT) see: TX4110000
2-BROMOPROPANE (DOT) see: TX4111000
BROMO-2-PROPANONE see: UC0525000
3-BROMOPROPENE see: UC7090000
5-(2-BROMO-2-PROPENYL)-5-(1-METHYLETHYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE see: CQ1050000
5-(2-BROMO-2-PROPENYL)-5-(1-METHYLPROPYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE see: CQ0700000
beta-BROMOPROPIONIC ACID see: UE7875000
3-BROMOPROPIONIC ACID see: UE7875000
1-(2-BROMOPROPIONYL)-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL see: UC0530200
1-(3-BROMOPROPIONYL)-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL see: UC0530300
3-BROMOPROPYLAMINE HYDROBROMIDE see: UH9925000
BROMOPROPYLATE see: DD2100000
3-BROMOPROPYL CHLORIDE see: TX4113000
3-BROMOPROPYLENE see: UC7090000
3-BROMOPROPYNE see: UK4375000
3-BROMO-1-PROPYNE see: UK4375000
3-BROMOPROPYNE (DOT) see: UK4375000
5-BROMOPROTOCATECHUIC ACID see: UL0565000
7-BROMO-5-(2-PYRIDYL)-3H-1,4-BENZODIAZEPIN-2(14)-ONE see: DE9800000
5-BROMO-8-QUINOLINOL see: VC4582000
BROMO SELTZER see: AM4375000
BROMOSILANE (DOT) see: VV1970000

EH2500000 BROM-O-SOL
DEF Contains METHYL BROMIDE 68.6%, CHLOROPICRIN 1.4%, organic solvent 30% (FMCHA2 - C37.83) UPDT 8309

TOXICITY DATA AND REFERENCES
* ihl-man LCLo:200 ppm FMCHA2 - C37.83

beta-BROMOSTYRENE see: WL3850000
omega-BROMOSTYRENE see: WL3850000
m-BROMOSTYRENE 7,8-OXIDE see: CY9024000
p-BROMOSTYRENE OXIDE see: CY9025000
p-BROMOSTYRENE 7,8-OXIDE see: CY9025000
4-BROMOSTYRENE OXIDE see: CY9025000
4'-BROMOSTYRENE OXIDE see: CY9025000
BROMOSTYROL see: WL3850000
BROMOSTYROLENE see: WL3850000
BROMOTETRACICLINA CLORIDRATO (Italian) see: QI9277550
BROMOTETRACYCLINE HYDROCHLORIDE see: QI9277550
BROMOTHEOPHYLLINE CHOLINATE see: FZ9910000
5-BROMO-2-THIENYL-ETHYL-KETONE THIOSEMICARBAZONE see: UC0541000
1-(5-BROMO-2-THIENYL)-1-PROPANONE 3-THIOSEMICARBAZONE see: UC0541000
p-BROMOTHIOBENZOHYDROXIMIC ACID, S-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE see: DF9900000
5-BROMO-2-THIOPHENEPROPIONALDEHYDE 3-THIOSEMICARBAZONE see: UC0541000
BROMOTHYMOL see: XP2610000
4-BROMOTHYMOL see: XP2610000
6-BROMOTHYMOL see: XP2610000
alpha-BROMOTOLUENE see: XS7965000
m-BROMOTOLUENE see: XS7965400
omega-BROMOTOLUENE see: XS7965000
p-BROMOTOLUENE see: XS7965600
3-BROMOTOLUENE see: XS7965400
5-BROMOTOLUENE see: XS7965400
BROMOTOLUENE, alpha (DOT) see: XS7965000
alpha-BROMO-alpha-TOLUNITRILE see: AL8050000
2'-BROMO-2,4',5'-TRICHLOROACETANILIDE see: AD9660000 ACETANILIDE, 2'-BROMO-2,4',5'-TRICHLORO-
BROMOTRICHLOROMETHANE see: PA5400000
3-BROMOTRICYCLOQUINAZOLINE see: YD2850000
BROMOTRIETHYLSTANNANE compd. with 2-PIPECOLINE (1:1) see: WH6745000
BROMOTRIFLUOROETHENE see: KU8830000
BROMOTRIFLUOROETHYLENE see: KU8830000
BROMOTRIFLUOROETHYLENE (DOT) see: KU8830000
BROMOTRIFLUOROMETHANE see: PA5425000
BROMOTRIFLUOROMETHANE (DOT) see: PA5425000
BROMOTRIPENTYLSTANNANE see: WH6750000
BROMOTRIPHENYLETHYLENE see: KU8850000
3-BROMOTROPOLONE see: GU3831000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 3-BROMO-2-HYDROXY-
2BROMO TS see: LM5850000
5-BROMO-URACIL see: YQ9060000
BROMOURACIL DEOXYRIBOSIDE see: YU7350000
5-BROMOURACIL DEOXYRIBOSIDE see: YU7350000
5-BROMOURACIL 2-DEOXYRIBOSIDE see: YU7350000
BROMOVAL see: YS3150000
BROMOVALEROCARBAMIDE see: YS3150000
BROMOVALERYLUREA see: YS3150000
(E)-5-(2-BROMOVINYL)-DEOXYURIDINE see: YU7355000
trans-5-(2-BROMOVINYL)-2'-DEOXYURIDINE see: YU7355000
BROMOWODOR (Polish) see: MW3850000
BROMO X-100 see: LM5850000
BROMOXIL see: YS3150000
BROMO XX see: LM5850000
BROMOXYNIL see: DI315J000
(+ -)-BROMPHENIRAMINE MALEATE see: US4026000
d-BROMPHENIRAMINE MALEATE see: US4026200
dl-BROMPHENIRAMINE MALEATE see: US4026000
l-BROMPHENIRAMINE MALEATE see: US4025400
BROMPHENVINPHOS see: TB8450000
beta-BROMSTYROL see: WL3850000
BROMSTYROLE see: WL3850000
4-BROMTHYMOL (German) see: XP2610000
BROMURAL see: YS3150000
BROMURE DE CYANOGEN (French) see: GT2100000
BROMURE DE METHYLE (French) see: PA4900000
BROMURE de (p-NITROPHENYL)ISOPROPYL PHOSPHORYLCHOLINE (French) see: FZ9890000
BROMURE D'ETHYLE see: KH6475000
BROMURE de DIMETHOXY-6,7 DIHYDRO-3,4 meta-FLUOROBENZYL-1 ISOQUINOLEINIUM (French) see: NW7628700
BROMURE de DIMETHOXY-6,7 DIHYDRO-3,4 ortho-FLUOROBENZYL-1 ISOQUINOLEINIUM (French) see: NW7628750
BROMURE de DIMETHOXY-6,7 DIHYDRO-3,4 para-FLUOROBENZYL-1 ISOQUINOLEINIUM (French) see: NW7628800
BROMURE de DIMETHOXY-6,7 TETRAHYDRO-1,2,3,4 meta-FLUOROBENZYL-2 ISOQUINOLEINE (French) see: NX5017900
BROMURE de DIMETHOXY-6,7 TETRAHYDRO-1,2,3,4 ortho-FLUOROBENZYL-2 ISOQUINOLEINE (French) see: NX5017930
BROMURE de DIMETHOXY-6,7 TETRAHYDRO-1,2,3,4 para-FLUOROBENZYL-1 ISOQUINOLEINE (French) see: NX5017800
BROMURE de DIMETHOXY-6,7 TETRAHYDRO-1,2,3,4 para-FLUOROBENZYL-2 ISOQUINOLEINE (French) see: NX5017970
BROMURE de DIMETHOXY-6,7 TETRAHYDRO-1,2,3,4 meta-FLUOROBENZYL-1 ISOQUINOLEINIUM (French) see: NX5017600
BROMURE de DIMETHOXY-6,7 TETRAHYDRO-1,2,3,4 ortho-FLUOROBENZYL-1 ISOQUINOLEINIUM (French) see: NX5017700
BROMURE de PINAVERIUM (French) see: QD8547000
BROMURE DE VINYLE (French) see: KU8400000
BROMURE DE XYLYLE (French) see: ZE3850000
BROMURE d-OXITEFONIUM (French) see: BP7627000
BROMURO DI ETILE (Italian) see: KH9275000
BROMURO DI METILE (Italian) see: PA4900000
BROMUVAN see: YS3150000
BROMVALERYLUREA see: YS3150000
BROMVALETONE see: YS3150000
BROMVALETONIUM see: YS3150000
BROMVALUREA see: YS3150000
BROMWASSERSTOFF (German) see: MW3850000
BROMYL see: YS3150000
BRONCHODIAGNOSTIN see: UR8925000
BRONCHODIL see: XH5099000
BRONCHOLYSIN see: HA1660000
BRONCHOSELECTAN see: DG0888000
BRONCHOSPASMIN see: XH5099000
BRONCOVALEAS see: ZE4400000
BRONKAID MIST see: DO2625000
BRONKEPHRINE see: DO1750000
BRONKOMETER HYDROCHLORIDE see: DO2320000
BRONOCOT see: TY3385000
BRONOPOL see: TY3385000
BRONOSOL see: TY3385000

EH6730000 BRONOX
DEF A mixture of TRIETAZINE and LINURON (FMCHA2 - C38.83) UPDT 8309

TOXICITY DATA AND REFERENCES
* orl-rat LD50:8000 mg/kg FMCHA2 - C38.83

BRONTYL see: XH5907500
BRONZE BROMO see: LM5850000
BRONZE POWDER see: GL5325000
BRONZE RED RO see: DB5500000
BRONZE RED 16913 YELLOWISH see: DB5500000
BRONZE SCARLET see: DB5500000
BRONZE SCARLET C see: DB5500000
BRONZE SCARLET CA see: DB5500000
BRONZE SCARLET CBA see: DB5500000
BRONZE SCARLET CT see: DB5500000
BRONZE SCARLET CTA see: DB5500000
BRONZE SCARLET TONER see: DB5500000
BROOM (Dutch) see: EF9100000
BROOM ABSOLUTE see: LY0218000
O-(4-BROOM-2,5-DICHLOOR-FENYL)-O,O-DIMETHYL-MONOTHIOFOSFAAT (Dutch) see: TE7175000
5-BROOM-3-ISOPROPYL-6-METHYL-URACIL-(Dutch) see: YQ9275000
BROOMMETHAAN (Dutch) see: PA4900000
BROOMWATERSTOF (Dutch) see: MW3850000
BROSERPINE see: ZG0350000
BROSOMBRA see: UR8925000
BROTIANIDE see: VN8230000
BROTOPON see: EU1575000
BROVALIN see: YS3150000
BROVALUREA see: YS3150000
BROVANEXINE HYDROCHLORIDE see: CU8702300
BROVARIN see: YS3150000
1538 BROWN see: QK1575000
1545 BROWN see: DB5950000
11460 BROWN see: ZE8575000
11660 BROWN see: FZ1305000
BROWN COPPER OXIDE see: GL8050000
BROWN 4EMBL see: GL7375000
BROWN FX see: DB5950000
BROWN HEMATITE see: OI7710000
BROWN IRON ORE see: OI7710000
BROWN IRONSTONE CLAY see: OI7710000
BROWN RECLUSE SPIDER VENOM see: YX3963500
BROWN SALT NV see: BZ6900000
BROXURIDINE see: YU7350000
BROXYNIL see: DI3150000
BRS 640 see: EE1530000

EH8799000 BRUCEA MOLLIS Well., extract excluding roots
DEF Indian plant belonging to the family SIMARUBACEAE (IJEBA6 15,208.77) UPDT 8408

TOXICITY DATA AND REFERENCES
3H30M10V30 ipr-mus LD50:250 mg/kg IJEBA6 15,208.77

BRUCIN (German) see: EH8925000
BRUCINA (Italian) see: EH8925000

EH8925000 BRUCINE
UPDT 8406 CAS: 357-57-3 MW: 394.51 MOLFM: C23-H26-N2-O4
SYNS: BRUCIN (German) * BRUCINA (Italian) * (-)-BRUCINE * BRUCINE ALKALOID * BRUCINE, SOLID (DOT) * DIMETHOXY STRYCHNINE * 2,3-DIMETHOXY-STRYCHNINE * DIMETHOXY STRYCHNINE (DOT) * 10,11-DIMETHOXYSTRYCHNINE * RCRA WASTE NUMBER P018 * STRYCHNIDIN-10-ONE 2,3-DIMETHOXY (9CI) * STRYCHNINE, 2,3-DIMETHOXY- * UN 1570 (DOT)

TOXICITY DATA AND REFERENCES
ipr-rat LD50:91 mg/kg JPETAB 131,185.61
1F12 scu-mus LD50:60 mg/kg APSXAS 7,329.70

ivn-dog LDLo:8 mg/kg HBAMAK 4,1289,35
ivn-rbt LDLo:30 mg/kg NTIS** PB214-270
ivn-gpg LDLo:120 mg/kg NTIS** PB214-270
scu-pgn LDLo:58 mg/kg HBAMAK 4,1289,35

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B, LABEL:POISON CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

(-)-BRUCINE see: EH8925000
BRUCINE ALKALOID see: EH8925000
BRUCINE, SOLID (DOT) see: EH8925000
BRUCITE see: QO4930000
BRUDR see: YU7350000
BRUFANELIXOL see: CD2625000
BRUFANIC see: MU6640000
BRUFEN see: MU6640000

EH9370000 BRUGIERA CONUGATA (Linn.) Merr., extract excluding roots
DEF: Indian plant belonging to the family RHIZOPHORACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: BRUGIERA GYMNORHIZA (L.) Lamk., extract excluding roots

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

BRUGIERA GYMNORHIZA (L.) Lamk., extract excluding roots see: EH9370000 BRUGIERA CONUGATA(Linn.) Merr., extract excluding roots

BRUINSTEEN (Dutch) see: OP0350000
BRULAN see: YS4250000
BRUMOLIN see: GN4550000

EH9389500 BRUNELLA VULGARIS, Linn., extract
DEF: Indian plant belonging to the family LABIATAE (IJEBA6 7,250,69)
UPDT:8411
SYN: AUSTAKHADUS EXTRACT

TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:300 mg/kg IJEBA6 16,228,78
1U26 ipr-mus LD50:750 mg/kg IJEBA6 7,250,69

BRUNEOMYCIN see: TJ7350000

EH9391000 BRUNO AVIVAL
DEF: Contains ACID YELLOW 119, ACID RED 227 and ACID BROWN 56 (BECTA6 32,400,84)
UPDT:8408

MUTATION DATA AND REFERENCES:
mmo-sat 1 uL/plate BECTA6 32,400,84
mma-sat 1 uL/plate BECTA6 32,400,84

BRUOMOPHOS (Russian) see: TE7175000
BRUSH BUSTER see: DG7525000
BRUSH-OFF 445 LOW VOLATILE BRUSH KILLER see: AJ8400000
BRUSH RHAP see: AJ8400000
BRUSH-RHAP see: AG6825000
BRUSHTOX see: AJ8400000
BRYGOU see: FC3150000

EH9451000 BRYOPHYLLUM PINNATUM Kurz., leaf and stem extract
DEF: Jamaican plant belonging to the family CRASSULACEAE (JPPMAB 14,556,62)
UPDT:8405

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

BS see: WI2900000
BS 572 see: OO6200000
BS 4231 see: NY2350000
BS 5930 see: KR6300000
BS 5933 see: KR6065000
BS 7029 see: HO7878000
BS 7331 see: KR9100000
BS100-141 see: CY1481000
BSA see: AK3000000
BSA see: DA9380000
BSB-S 40 see: WL6475000
BSB-S-E see: WL6475000
BSC-REFINE D see: DB8750000
BT see: QC7795000
BT see: XZ4150000
BT 851 see: LQ0694000
BTC see: BO3150000
BTC 471 see: BO3325000
BTC 824 see: BO3150000
BTF see: DM2170000
B-TGDR see: UP0750000
621-BT HYDROCHLORIDE HYDRATE see: FE2778500
BTO see: JN8750000
BTPABA see: DG3700000
BTS 13622 see: UF0654000
BTS 18322 see: DU8341000
BTS 27,419 see: ZF0480000
BTS 40542 see: NI4000400
BTS 40542-7877 see: NI4000400
BTT see: WH6785000
B-TWELVE see: GG3750000
B-TWELVE ORA see: GG3750000
BTX see: CR3990000
BTZ see: DL0713600
B.T.Z. see: UQ8225000
BU-6 see: UU6825000
BU 533 see: DM3097000 2H-1,4-BENZOXAZINE, 3,4-DIHYDRO-4-(1-PIPERIDINYLACETYL)-, MONOHYDROCHLORIDE
BU 700 see: YU1610000
BU 2231A see: EC5990300
BU2AE see: KK3850000
BUALTA see: TR1650000
BUBAN 37 see: AM8470000
BUBURONE see: MU6640000
BUCACID AZO RUBINE see: QK1925000
BUCACID AZURE BLUE see: BQ4550000
BUCACID BRILLIANT SCARLET 3R see: QJ6530000
BUCACID FAST CRIMSON see: QJ6000000
BUCACID FAST ORANGE G see: QJ6500000
BUCACID FAST WOOL BLUE R see: QJ6300000
BUCACID GUINEA GREEN BA see: BQ4375000
BUCACID INDIGOTINE B see: DU3000000
BUCACID METANIL YELLOW see: DB7329500
BUCACID ORANGE A see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
BUCACID PATENT BLUE VF see: BP6830000
BUCACID TARTRAZINE see: UQ6400000
BUCACID WOOL GREEN see: BQ1150000
BUCARBAN see: YS4200000
BUCB see: KJ9100000
BUCCALSONE see: GM9015000

EI1700570 BUCETALON
DEF: Similar composition to BUTYLON except THIAMINE derivatives (OYYAA2 16,715,78)
UPDT:8408

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:930 mg/kg OYYAA2 16,715,78

BUCETIN see: EU0900000

EI1800000 BUCHANANIA LANZAN Spreng., extract excluding roots
DEF: Indian plant belonging to the family ANACARDIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: CHIRONJI EXTRACT

TOXICITY DATA AND REFERENCES:
3H30J30V30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

EI2100000 BUCKLANDIA POPULNEA R.Br., stem bark extract
DEF: Indian plant belonging to the family HAMAMELIDACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: PIPALI STEM BARK EXTRACT

TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

BUCLIZINE DIHYDROCHLORIDE see: TL0280000
BUCLODIN see: TL0280000
BUCLOXIC ACID see: UE8850000
BUCLOXIC ACID CALCIUM SALT see: UE8860000
BUCLOXONIC ACID see: UE8850000
BUCLOXONIC ACID CALCIUM SALT see: UE8860000
BUCOLOM see: CQ1497900
BUCOLOME see: CQ1497900
BUCULOME see: CQ1497900
BUCUMOLOL HYDROCHLORIDE see: DJ3028000
dl-BUCUMOLOL HYDROCHLORIDE see: DJ3028000
BUCROL see: YS4200000
BUCS see: KJ8575000
BUCTRIL see: DI3150000
BUCTRIL INDUSTRIAL see: DI3150000

EI2617500 BUDDLEJA ASIATICA Lour., extract excluding roots
DEF: Indian plant belonging to the family LOGANIACEAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

EI2618000 BUDDLEJA PANICULATA Wall. ex Roxb., extract excluding roots
DEF: Indian plant belonging to the family LOGANIACEAE (IJEBA6 7,250,69)
UPDT:8302

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

BUD-NIP see: FD8050000
BUDOFORM see: VC5075000
BUDORM see: CQ1575000
BUDR see: YU7350000
5-BUDR see: YU7350000
BUDRALAZINE see: TH8890000
BUENO see: PA2625000
BUENO 6 see: PA2625000

EI2955000 BUFA-20,22-DIENOLIDE, 16-(ACETYLOXY)-14,15-EPOXY-3-HYDROXY-, (3-beta,5-beta,15-beta,16-beta)-
UPDT:8302 CAS: 470-37-1 MW: 442.60 MOLFM: C26-H34-O6
SYN: CINO-BUFAGIN

TOXICITY DATA AND REFERENCES:
3F11F12F25 ivn-mus LD50:1210 ug/kg CPBTAL 24,1714,76
ivn-cat LDLo:230 ug/kg JPETAB 49,561,33

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: B5ELDJ -,189,63

EI2958000 5-beta-BUFA-20,22-DIENOLIDE, 3-beta-((6-DEOXY-4-O-beta-D-GLUCOPYRANOSYL-alpha-L- MANNOPYRANOSYL)OXY-5,14-DIHYDROXY-19-OXO-
UPDT:8408 CAS: 13289-18-4 MW: 724.88 MOLFM: C36-H52-O15
SYN: HELLEBRIGENIN GLUCORHAMNOSIDE * HELLEBRIN

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:21 mg/kg AIPTAK 155,165,65
* ipr-mus LD50:8400 ug/kg AIPTAK 155,165,65
ivn-cat LD50:104 ug/kg JPETAB 99,395,50
* ivn-gpg LDLo:616 ug/kg AEPPAE 252,314,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: B5ELDJ -,191,63

EI2962500 5-beta-BUFA-20,22-DIENOLIDE, 3-beta,14-DIHYDROXY-
UPDT:8302 CAS: 465-21-4 MW: 386.58 MOLFM: C24-H34-O4
SYN: BUFALIN * 3-beta,14-DIHYDROXY-5-beta-BUFA-20,22-DIENOLIDE

TOXICITY DATA AND REFERENCES:
3F11F12F25 ivn-mus LD50:740 ug/kg CPBTAL 24,1714,76
ivn-cat LD50:140 ug/kg B5ELDJ -,189,63

EI2963000 5-beta-BUFA-20,22-DIENOLIDE, 3-beta,5-DIHYDROXY-14,15-beta-EPOXY-
UPDT:8302 CAS: 470-42-8 MW: 400.56 MOLFM: C24-H32-O5
SYN: 3-beta,5-DIHYDROXY-14,15-beta-EPOXY-5-beta-BUFA-20,22-DIENOLIDE * MARINOBUFAGIN * MARINOBUFOGENIN

TOXICITY DATA AND REFERENCES:
3F11F12F25 ivn-mus LD50:2730 ug/kg CPBTAL 24,1714,76
ivn-cat LDLo:1520 ug/kg JMPCAS 3,111,61

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: B5ELDJ -,192,63

EI2963500 5-beta-BUFA-20,22-DIENOLIDE, 3-beta,16-beta-DIHYDROXY-14,15-beta-EPOXY-
UPDT:8302 CAS: 4026-95-3 MW: 400.56 MOLFM: C24-H32-O5
SYN: DESACETYLCINOBUFAGIN * 3-beta,16-beta-DIHYDROXY-14,15-beta-EPOXY-5-beta-BUFA-20,22-DIENOLIDE

TOXICITY DATA AND REFERENCES:
3F11F12F25 ivn-mus LD50:15 ug/kg CPBTAL 24,1714,76
ivn-cat LDLo:4415 ug/kg JMPCAS 3,111,61

EI2975000 5-beta-BUFA-20,22-DIENOLIDE, 14,15-beta-EPOXY-3-beta-HYDROXY-
UPDT:8303 CAS: 465-39-4 MW: 384.56 MOLFM: C24-H32-O4
SYN: BUFOGENIN * 14,15-beta-EPOXY-3-beta-HYDROXY-5-beta-BUFA-20,22-DIENOLIDE * 3-beta-HYDROXY-14,15-beta-EPOXY-5-beta-BUFA-20,22-DIENOLIDE * RESIBUFOGENIN

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:2200 ug/kg NIIRDN 6,899,82
* ivn-mus LD50:4250 ug/kg NIIRDN 6,899,82
ivn-cat LD50:5 mg/kg JPETAB 111,365,54

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: B5ELDJ -,193,63

EI2991000 5-beta-BUFA-20,22-DIENOLIDE, 14,15-beta-EPOXY-3-beta,5,16-beta-TRIHYDROXY-, 16-ACETATE
UPDT:8302 CAS: 1108-68-5 MW: 443.61 MOLFM: C26-H35-O6

BEST COPY AVAILABLE

SYN: CINOBUFOTALIN
TOXICITY DATA AND REFERENCES:
3F11F12F25 ivn-mus LD50:5150 ug/kg CPBTAL 24,1714,76
ivn-cat LD50:200 ug/kg 85ELDJ -,189,63

EI2996700 5-beta-BUFA-20,22-DIENOLIDE, 3-beta,5,14-TRIHYDROXY-
UPDT:8302 CAS: 472-26-4 MW: 402.58 MOLFM: C24-H34-O5
SYN: TELECINOBUFAGIN * TELOCINOBUFAGIN * TELOCINOBUFOGENIN * 3-beta,5,14-TRIHYDROXY-5-beta-BUFA-20,22-DIENOLIDE
TOXICITY DATA AND REFERENCES:
3F11F12F25 ivn-mus LD50:4340 ug/kg CPBTAL 24,1714,76
ivn-cat LD50:100 ug/kg 85ELDJ -,194,63

EI2997000 5-beta-BUFA-20,22-DIENOLIDE, 3-beta,14,16-beta-TRIHYDROXY-
UPDT:8302 CAS: 465-19-0 MW: 402.58 MOLFM: C24-H34-O5
SYN: BUFOGENIN B * DESACETYLBUFOTALIN * 3-beta,14,16-beta-TRIHYDROXY-5-beta-BUFA-20,22-DIENOLIDE
TOXICITY DATA AND REFERENCES:
3F11F12F25 ivn-mus LD50:10 ug/kg CPBTAL 24,1714,76
ivn-cat LDLo:263 ug/kg JMPCAS 3,111,61

EI3150000 5-beta-BUFA-20,22-DIENOLIDE, 3-beta,14,16-beta-TRIHYDROXY-, 16-ACETATE
UPDT:8302 CAS: 471-95-4 MW: 444.62 MOLFM: C26-H36-O6
SYN: BUFOTALIN * BUFOTALINE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:400 ug/kg CTOXAO 4,331,71
orl-dog LDLo:980 ug/kg CRSBAW 152,571,58
3F11F12F25 ivn-mus LD50:4130 ug/kg CPBTAL 24,1714,76
ivn-dog LDLo:360 ug/kg CRSBAW 152,571,58
ivn-cat LD50:130 ug/kg 85ELDJ -,189,63

EI3175800 5-beta-BUFA-20,22-DIENOLIDE, 3-beta,5,14-TRIHYDROXY-19-OXO-
UPDT:8408 CAS: 465-90-7 MW: 416.56 MOLFM: C24-H32-O6
SYN: BUFOTALIDIN * HELLEBRIGENIN * 19-OXO-3-beta,5,14-TRIHYDROXY-5-beta-BUFA-20,22-DIENOLIDE
TOXICITY DATA AND REFERENCES:
ivn-cat LD50:77 ug/kg JPETAB 99,395,50
* ivn-gpg LDLo:1345 ug/kg AEPPAE 252,314,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,191,63

BUFALIN see: EI2962500
BUFAPTO METHALOSE see: FJ5959000

EI3325000 BUFA-4,20,22-TRIENOLIDE, 3-beta-((6-DEOXY-4-O-beta-D-GLUCOPYRANOSYL-alpha-L-MANNOPYRANOSYL) OXY)-14-HYDROXY-
UPDT:8408 CAS: 124-99-2 MW: 692.88 MOLFM: C36-H52-O13
SYN: GLUCOPROSCILLARIDIN A * 14-beta-HYDROXY-3-beta-SCILLOBIOSIDOBUFA-4,20,22-TRIENOLIDE * MANNOPYRANOSIDE, SCILLARENIN 3-(6-DEOXY-4-O-beta-D-GLUCOPYRANOSYL- alpha-L-SCILLAREN A * SCILLAGLYKOSID A (German) * 3-beta-SCILLOBIOSIDO-14-beta-HYDROXY-delta-4,20,22-BUFATRIENOLID (German) * TRANSVAALIN
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:15 mg/kg ARZNAD 11,848,61
* ivn-cat LDLo:143 mg/kg MEIEDD 10,1208,83
* ivn-gpg LDLo:353 ug/kg AEPPAE 252,314,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,193,63

BUFA-4,20,22-TRIENOLIDE, 3-beta-((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-14-HYDROXY- see: UK6650000
BUFA-4,20,22-TRIENOLIDE, 3-((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-14-HYDROXY-, (3-beta)- see: UK6650000
BUFA-4,20,22-TRIENOLIDE, 3-beta-((6-DEOXY-alpha-L-MANNOSYL)OXY)-14-HYDROXY- see: UK6650000

EI3450000 14-beta-BUFA-4,20,22-TRIENOLIDE, 3-beta-((6-DEOXY-4-O-METHYL-alpha-L-MANNOPYRANOSYL)OXY)- 14-HYDROXY-
UPDT:8302 MW: 552.73 MOLFM: C29-H44-O10
SYN: CUST * 14-HYDROXY-3-beta-((4-O-METHYL-alpha-L-RHAMNOPYRANOSYL)OXY)-14-beta-BUFA-4,20,22-TRIENLID * MEPROSCILLARIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T76 orl-rat TDLo:145 mg/kg (15-22D preg:21D post) ARZNAD 28,506,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:79 mg/kg ARZNAD 28,506,78
ivn-rat LD50:5800 ug/kg ARZNAD 28,506,73
orl-mus LD50:12500 ug/kg ARZNAD 28,506,78
ivn-mus LD50:2800 ug/kg ARZNAD 28,506,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EI3500000 BUFA-4,20,22-TRIENOLIDE, 3-beta,14-DIHYDROXY-
UPDT:8403 CAS: 465-22-5 MW: 384.56 MOLFM: C24-H32-O4
SYN: 3-beta,14-DIHYDROXYBUFA-4,20,22-TRIENOLIDE * beta-SCILLARENIN * SCILLARENIN * TRANSVAALIN AGLYCON
TOXICITY DATA AND REFERENCES:
ivn-cat LDLo:160 ug/kg JPETAB 111,365,54

EI3690000 BUFA-4,20,22-TRIENOLIDE, 3-beta-((beta-D-GLUCOPYRANOSYL)OXY)-14-HYDROXY-19-OXO-
UPDT:8307 MW: 560.70 MOLFM: C30-H40-O10
SYN: ALTOSIDE * 3-beta-((beta-D-GLUCOPYRANOSYL)OXY)-14-HYDROXY-19-OXO-BUFA-4,20,22-TRIENOLIDE
MUTATION DATA AND REFERENCES:
dit-dmg-skn 10 pph CYGEDX 13(6),37,79
TOXICITY DATA AND REFERENCES:
ivn-cat LD50:80 ug/kg 85ELDJ -,188,63

BUFEDIL see: EL9900000
BUFEMID see: DV1761000
BUFEN see: OV6475000
BUFENCARB see: FC3500000
BUFENCARB see: FC3510000
BUFETOLOL HYDROCHLORIDE see: UA8500000
BUFF-A-COMP see: AM4375000
BUFLOMEDIL see: EL9900000
BUFLOMEDIL HYDROCHLORIDE see: EL9900000
BUFOGENIN see: EI2975000
BUFOGENIN B see: EI2997000
BUFON see: WJ5600000
BUFONAMIN see: DU1135000
BUFOPTO ZINC SULFATE see: ZH5260000
BUFORMIN HYDROCHLORIDE see: DU1135000
BUFOTALIDIN see: EI3175800
BUFOTALIN see: EI3150000
BUFOTALINE see: EI3150000
BUFYLLINE see: XH4375000
BUHACH see: UR4,00000
BUKARBAN see: YS4200000
BUKS see: GO7875000
BUKSAMIN see: ES7015000
BULAN see: EJ4900000
BULANA, combustion products see: AT6975000
BULBOCAPNINE see: CE1050000
d-BULBOCAPNINE see: CE1050000
BULBONIN see: DU1135000
BULEN A see: TQ3325000
BULEN A 30 see: TQ3325000
BULGARIAN see: VL0460000
BULKALOID see: FJ5959000
BULPUR see: GS6825000
BUMADIZON CALCIUM see: OO0624000
BUMADIZON CALCIUM SALT HEMIHYDRATE see: OO0625000
BUMADIZONE CALCIUM see: OO0624000
BUMETANIDE see: DG4910000
BUMEX see: DG4910000
BUNAFTINE see: QJ1890000
BUNAIDD see: GD8430000
BUNAMIODYL see: GD8430000
BUNAMIODYL SODIUM see: GD8430000
BUNAPHTIDE see: QJ1890000
BUNAPHTINE see: QJ1890000
BUNDLIN A see: UZ0780000
BUNDLIN B see: UZ0800000
BUNEMA see: FB2350000

EI6201000 BUNGAROTOXIN, beta-
UPDT:8408 CAS: 12778-32-4
SYN: beta-BUNGAROTOXIN * beta-BUTX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:30 ug/kg JOBIAO 83,91,78

EI6201400 alpha-BUNGAROTOXIN
UPDT:8411 CAS: 11032-79-4 MW: 7985.30 MOLFM: C338-H529-N97-O105-S11
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 ug/kg MEIEDD 10,205,83
* scu-mus LD50:210 ug/kg MEIEDD 10,205,83

beta-BUNGAROTOXIN see: EI6201000

EI6202000 BUNGAROTOXIN, beta(sub 1)
UPDT:8408 CAS: 65862-89-7
SYN: beta(sub 1)-BUNGAROTOXIN * beta(sub 1)-BUTX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:19 ug/kg JOBIAO 91,1519,82

EI6203000 BUNGAROTOXIN, beta(sub 2)
UPDT:8312 CAS: 82446-04-6
SYN: beta(sub 2)-BUNGAROTOXIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:29 ug/kg JOBIAO 91,1519,82

EI6204000 BUNGAROTOXIN, beta(sub 3)
UPDT:8312 CAS: 82446-05-7
SYN: beta(sub 3)-BUNGAROTOXIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:66 ug/kg JOBIAO 91,1531,82

EI6205000 BUNGAROTOXIN, beta(sub 4)
UPDT:8312 CAS: 82446-06-8
SYN: beta(sub 4)-BUNGAROTOXIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:72 ug/kg JOBIAO 91,1531,82

EI6206000 BUNGAROTOXIN, beta(sub 5)
UPDT:8312 CAS: 82446-07-9
SYN: beta(sub 5)-BUNGAROTOXIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:130 ug/kg JOBIAO 91,1531,82

beta(sub 1)-BUNGAROTOXIN see: EI6202000
beta(sub 2)-BUNGAROTOXIN see: EI6203000
beta(sub 3)-BUNGAROTOXIN see: EI6204000
beta(sub 4)-BUNGAROTOXIN see: EI6205000
beta(sub 5)-BUNGAROTOXIN see: EI6206000
BUNGARUS MULTICINCTUS VENOM see: YX3975700
alpha-BUNGARUS MULTICINCTUS VENOM see: YX4280000
beta-BUNGARUS MULTICINCTUS VENOM see: YX4280030
gamma-BUNGARUS MULTICINCTUS VENOM see: YX4280060
BUNIODYL see: GD8430000
BUNITROLOL see: DI2530000
BUNITROLOL HYDROCHLORIDE see: DI2540000
BUNSENITE see: QR8400000
BUNT CURE see: DA2975000
BUNT-NO-MORE see: DA2975000
BUPATOL see: DN9205000
BUPICAINE HYDROCHLORIDE (±) see: TK6125000
BUPIRIMATE see: WO5970600
BUPIVACAINE see: TK6060000
D(+)-BUPIVACAINE see: TK6080000
L(-)-BUPIVACAINE see: TK6090000
DL-BUPIVACAINE see: TK6060000
BUPIVACAINE HYDROCHLORIDE see: TK6125000

EI6574260 BUPLEURUM FALCATUM Linn., extract
DEF:Indian plant belonging to the family UMBELLIFERAE (JEBAA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1M10 ipr-rat LD50:500 mg/kg JEBAA6 16,228,78

EI6574270 BUPLEURUM FALCATUM Linn., extract excluding roots
DEF:Indian plant belonging to the family UMBELLIFERAE (JEBAA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
2F13H02 ipr-rat LD50:50 mg/kg JEBAA6 16,228,78

BUPRENORPHINE HYDROCHLORIDE see: KM7758000
BUPROPION HYDROCHLORIDE see: UG8858000
BURCOL see: YS4200000
BURESE see: YM2800000
BUREX (Czech) see: UR6125000
BURFOR see: QT1980000
BURGODIN see: DE1820000
BURINE see: DG4910000
BURINEX see: DG4910000
BURLEY TOBACCO see: XR7355000
BURLEY TOBACCO see: XR7357200
BURNISH GOLD see: MD5070000
BURNOL see: AR9625000
BURNOL see: AR9660000
BURNTISLAND RED see: NO7400000
BURNT LIME see: EW3100000
BURNT SIENNA see: NO7400000
BURNT UMBER see: NO7400000

BEST COPY AVAILABLE

BUROFLAVIN see: AR9660000
BURTOLIN see: UR5950000
BURONIL see: EU4025000

EI7324600 BURSERA DELPECHIANA Poiss. ex. Engl., stem extract
DEF:Indian plant belonging to the family BURSERACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

EI7324700 BURSERA SIMARUBA Sarg., leaf and stem extract
DEF:Jamaican plant belonging to the family BURSERACEAE (JPPMAB 14,556,62)
UPDT:8405

TOXICITY DATA AND REFERENCES:
° ipr-mus LDLo:20 gm/kg JPPMAB 14,556,62

BURTONITE V-7-E see: MG0185000
BURTONITE V-40-E see: FI0700000
BURUNS FLOWER EXTRACT (Indian) see: VI9456000
BURUNS LEAF EXTRACT (Indian) see: VI9456100
BURUNS STEM BARK EXTRACT (Indian) see: VI9456200
BUSAN 15 see: XK8150000
BUSAN 30 see: XK8150000
BUSAN 70 see: XK8150000
BUSAN 71 see: XK81500G
BUSAN 72 see: XK8150000
BUSAN 77 see: TR1650000
BUSAN 30-1 see: XK8150000
BUSAN 30A see: XK8150000
BUSAN 72A see: XK8151000
BUSCAPINA see: YM3500000
BUSCAPINE see: YM3500000
BUSCOL see: YM3500000
BUSCOLAMIN see: YM3500000
BUSCOLYSIN see: YM3500000
BUSCOLYSINE see: YM3500000
BUSCOPAN see: YM3500000

EI7351000 BUSCOPAN COMPOSITUM
UPDT:8406 CAS: 8059-83-4 MW: 774.81 MOLFM: C21-H30-N-O4 C13-H17-N3-O4-S Br Na
SYN: N-BUTYLSCOPOLAMMONIUM BROMIDE combined with SODIUM SULPYRINE (1:25) ° SB 502

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 ipr-rat TDLo:15 gm/kg (30D male) OYYAA2 9,615,75
1T02 ims-rat TDLo:45 gm/kg (30D male) OYYAA2 9,615,75
1T12 ims-rat TDLo:22500 mg/kg (30D pre) OYYAA2 9,615,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUSERELIN see: OK6690000
BUSONE see: UQ8225000
BUSTREN see: WL6475000
BUSTREN K 500 see: WL6475000
BUSTREN K 525-19 see: WL6475000
BUSTREN U 825 see: WL6475000
BUSTREN U 825E11 see: WL6475000
BUSTREN Y 825 see: WL6475000
BUSTREN Y 3532 see: WL6475000
BUSULFAN see: EK1750000
BUSULPHAN see: EK1750000
BUSULPHANE see: EK1750000
BUTABARB see: CQ1750000
BUTABARBITAL see: CQ1750000
BUTABARBITONE see: CQ1750000
BUTACAINE see: UB0875000
BUTACAINE SULFATE see: UB1050000
BUTACHLOR see: AE1200000
BUTACIDE see: XS8050000
BUTACOMPREN see: UQ8225000
BUTACOTE see: UQ8225000
BUTADIEEN (Dutch) see: EI9275000
BUTA-1,3-DIEEN (Dutch) see: EI9275000
BUTADIEN (Polish) see: EI9275000
BUTA-1,3-DIEN (German) see: EI9275000
BUTA-1,3-DIENE see: EI9275000
BUTADIENE see: EI9275000

EI9150000 BUTADIENE
UPDT:8408 CAS: 25339-57-5 MW: 54.10 MOLFM: C4-H6
SYN: BUTADIENE, inhibited (DOT) ° PLICOLITE ° UN 1010 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD-FLAMMABLE GAS; LABEL-FLAMMABLE GAS CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S91
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

alpha,gamma-BUTADIENE see: EI9275000

EI9275000 1,3-BUTADIENE
UPDT:8412 CAS: 106-99-0 MW: 54.10 MOLFM: C4-H6
SYN: BIETHYLENE ° BIVINYL ° BUTADIEEN (Dutch) ° BUTA-1,3-DIEEN (Dutch) ° BUTADIEN (Polish) ° BUTA-1,3-DIEN (German) ° BUTADIENE ° BUTA-1,3-DIENE ° alpha,gamma-BUTADIENE ° DIVINYL ° ERYTHRENE ° NCI-C50602 ° PYRROLYLENE ° VINYLETHYLENE

MUTATION DATA AND REFERENCES:
mmo-sat 20 pph/20H-C TOERD9 3,131,81
mma-sat 2 pph TOLED5 6,125,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ihl-rat TCLo:8000 ppm/6H (6-15D preg) EPASR* 8EHQ-0382-0441

TUMORIGENIC DATA AND REFERENCES:
2V01R60 ihl-rat TCLo:1000 ppm/6H/15W-I EPASR* 8EHQ-0482-0370
2V01N60 ihl-rat TC :8000 ppm/6H/15W-I EPASR* 8EHQ-0482-0370

TOXICITY DATA AND REFERENCES:
3D14D25J21 ihl-hmn TCLo:8000 ppm INMEAF 17,199,48
2F01J25 ihl-rat LC50:285 gm/m3/2H RPTOAN 31,162,68
° ihl-mus LC50:259 mg/m3 GISAAA 31(12),18,66
ihl-rbt LCLo:250 ppt JIHTAB 26,59,44

REVIEW AND REFERENCES:
★ TLV-TWA 1000 ppm; STEL 125°, ppm DTLVS* 4,50,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-G) FEREAC 39,23540,74

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S91
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 41, 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(a) STATUS REPORT 8EHQ-0382-0441,8EHQ-1080-0370
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUTADIENE-ACRYLONITRILE-STYRENE COPOLYMER see: AT6970000
BUTADIENE-ACRYLONITRILE-STYRENE TERPOLYMER see: AT6970000

EI9623000 1,3-BUTADIENE, 1-CHLORO-
UPDT:8401 CAS: 627-22-5 MW: 88.54 MOLFM: C4-H5-Cl
SYN: 1-CHLOROBUTADIENE ° 1-CHLORO-1,3-BUTADIENE

MUTATION DATA AND REFERENCES:
mma-sat 8 pph/4H ARTODN 41,249,79
mma-sat 8 pph/4H ARTODN 41,249,79
sln-dmg-orl 5700 umol/L/3D-I 35WYAM -,63,76

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

EI9625000 1,3-BUTADIENE, 2-CHLORO-
UPDT:8412 CAS: 126-99-8 MW: 88.54 MOLFM: C4-H5-Cl
SYN: 2-CHLOOR-1,3-BUTADIEEN (Dutch) ° 2-CHLOR-1,3-BUTADIEN (German) ° CHLOROBUTADIENE ° 2-CHLOROBUTA-1,3-DIENE ° 2-CHLORO-1,3-BUTADIENE ° CHLOROPREEN (Dutch) ° CHLOROPREN (German, Polish) ° CHLOROPRENE ° beta-CHLOROPRENE ° CHLOROPRENE, inhibited (DOT) ° CHLOROPRENE, uninhibited (DOT) ° 2-CLORO-1,3-BUTADIENE (Italian) ° CLOROPRENE (Italian) ° NEOPRENE ° UN 1991 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 70 umol/L NATUAS 255,641,75
mma-sat 2 pph/4H ARTODN 41,249,79
sln-dmg-orl 5700 umol/L/3D-I 35WYAM -,63,76
cyt-rat-ihl 1960 ug/m3/16W BZARAZ 27,102,74
dlt-rat-ihl 4 ug/L/48D-I TNICS* 13,56,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:1 mg/kg (3-4D preg) GTPZAB 19(3),30,75
1T41 orl-rat TDLo:1 mg/kg (11-12D preg) GTPZAB 19(3),30,75
1T34 orl-rat TDLo:1 mg/kg (11-12D preg) GTPZAB 19(7),30,75
1T59 orl-rat TDLo:1 mg/kg (9-10D preg) GTPZAB 19(7),30,75
1T35 ihl-rat TCLo:4 mg/m3/24H (3-4D preg) GTPZAB 19(3),30,75
1T41 ihl-rat TCLo:4 mg/m3/24H (11-12D preg) GTPZAB 19(3),30,75
1T25 ihl-rat TCLo:10 ppm/4H (3-20D preg) TXAPA9 44,81,78
1T01 ihl-rat TCLo:150 ug/m3/24H (19W male) EVHPAZ 17,85,*6
1T14 ihl-rat TCLo:500 mg/m3/5H (17W pre) BEBMAE 60(7),107,65
1T12 ihl-rat TCLo:500 mg/m3/5H (30W pre) BEBMAE 60(7),107,65

TOXICITY DATA AND REFERENCES:
3J16L01M01 orl-rat LD50:900 mg/kg ONCOBS 37,136,80
ihl-rat LCLo:2280 ppm/4H TXAPA9 46,375,78
scu-rat LDLo:500 mg/kg JIHTAB 18,240,36
orl-mus LD50:260 mg/kg TOANDB 3,153,79
ihl-mus LCLo:600 mg/m3/8H JIHTAB 18,240,36
scu-mus LDLo:1000 mg/kg JIHTAB 18,240,36
ihl-cat LCLo:2500 mg/m3/8H JIHTAB 18,240,36
scu-cat LDLo:300 mg/kg JIHTAB 18,240,36
ivn-rbt LDLo:96 mg/kg SBLEA2 44,63,42

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, CTOXAO 13,153,78
★ CARCINOGENIC REVIEW-ANIMAL, INDEFINITE IARC** 19,131,79
★ CARCINOGENIC REVIEW-HUMAN, INDEFINITE IARC** 19,131,79
★ TLV-TWA 10 ppm (skin) DTLVS* 4,94,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 25 ppm (skin) (SCP-M) FEREAC 39,23540,74
★ DOT-HAZARD-FLAMMABLE LIQUID; LABEL-FLAMMABLE LIQUID, inhibited CFRGBR 49,172.101,82
★ DOT-HAZARD-FORBIDDEN, uninhibited CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHLOROPRENE recm std-air-CL 1 ppm/15M NTIS**

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1002
★ NIOSH CURRENT INTELLIGENCE BULLETIN 1, 1975
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EI9660000 1,3-BUTADIENE, 2-CHLORO-, POLYMERS
UPDT:8307 CAS: 9010-98-4 MOLFM: (C4-H5-Cl)n
SYN: 2-CHLORO-1,3-BUTADIENE HOMOPOLYMER (9CI) ° CHLOROBUTADIENE POLYMER ° 2-CHLORO-1,3-BUTADIENE POLYMER ° CHLOROPRENE POLYMER ° DUPRENE ° GR-M ° NAIRI ° NEOPRENE ° PERBUNAN C ° PLASTIFIX PC ° POLY(2-CHLOROBUTADIENE) ° POLY(2-CHORO-1,3-BUTADIENE) ° POLYCHLOROPRENE ° SOVPRENE ° SVITPREN

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EI9799000 1,3-BUTADIENE, DICHLORO-
UPDT:8403 CAS: 28577-62-6 MW: 122.*4 MOLFM: C4-H4-Cl2
SYN: DCBD ° DICHLOROBUTADIENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T24T25 ihl-rat TCLo:14 mg/m3/4H (6W male) GISAAA 41(8),96,76
2T26T29 ihl-rat TCLo:14 mg/m3/4H (16W male) GISAAA 41(8),96,76
1T01 ihl-rat TCLo:14 mg/m3/4H (4W male) GISAAA 41(8),96,76
1T34 ihl-rat TCLo:51 mg/m3/24H (1-4D preg) ZKMAAX 17,16,77
1T24 ihl-rat TCLo:51 mg/m3/24H (1-19D preg) ZKMAAX 17,16,77
1T25 ihl-rat TCLo:51 mg/m3/24H (1-10D preg) ZKMAAX 17,16,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUTADIENE DIEPOXIDE see: EJ8225000
1,-BUTADIENE DIEPOXIDE see: EJ8575000
1,3-BUTADIENE DIEPOXIDE see: EJ8225000
BUTADIENE DIMER see: GW6650000
BUTADIENE DIOXIDE s[illegible]8225000
di-BUTADIENE DIOXIDE [illegible]8400000
BUTADIENE, inhibited (DOT) see: EI9150000

EJ0700000 1,3-BUTADIENE, HEXACHLORO-
UPDT:8412 CAS: 87-68-3 MW: 260.74 MOLFM: C4-Cl6
SYN: DOLEN-PUR [illegible]66-120 ° HCBD ° HEXACHLOR-1,3-BUTADIEN (Czech) ° HEXACHLORBUTADIEN ° HEXACHLOROBUTADIENE ° 1,3-HEXACHLOROBUTADIENE ° 1,1,3,3,4,4-HEXACHLORO-1,3-BUTADIENE ° HEXACHLOROBUTADIENE (DOT) ° PERCHLOROBUTADIENE
RCRA WASTE NUMBER U128 ° UN 2279 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 810 mg 24H MOD EJTXAZ 9,171,76
eye-rbt 162 mg MLD EJTXAZ 9,171,76

MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate DHEFDK FDA-78-1046,78
mma-sat 1 mg/plate DHEFDK FDA-78-1046,78
dns-rat-orl 77 gm/kg/11W TXAPA9 60,287,81
dns-ham-emb 2 mg/L CALEDQ 23,297,84
otr-ham-emb 10 mg/L CALEDQ 23,297,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 orl-rat TDLo:45 mg/kg (13W male-13W pre-3W post) TXAPA9 42,387,77

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

1T81 orl-rat TDLo:4 gm/kg (13W male 13W pre-3W post) TXAPA9 42,387.77
2T25T34 ipr-rat TDLo:150 mg/kg (1-15D preg) SWEHDO 7(Suppl 4),66.81
1T76 scu-rat TDLo:20 mg/kg (1D pre) GISAAA 31,33,66

TUMORIGENIC DATA AND REFERENCES:
2V01M61 orl-rat TDLo:15 gm/kg/2Y-C AIHAAP 38,589.77

TOXICITY DATA AND REFERENCES:
orl-rat LD50:90 mg/kg HYSAAV 31,18,66
ipr-rat LD50:175 mg/kg EJTXAZ 8,180,75
orl-mus LD50:110 mg/kg SCCUR* -,5,61
ihl-mus LCLo:235 ppm/4H SCCUR* -,5,61
ipr-mus LD50:76 mg/kg EJTXAZ 7,247,74
3F07J24M03 skn-rbt LD50:1211 mg/kg APTOA6 43,346,78
orl-gpg LD50:90 mg/kg GISAAA 28,9,63
orl-ham LD50:960 mg/kg TXAPA9 48,A192,79
unk-mam LD50:200 mg/kg 30ZDA9 -,40,71

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 20,179,79
★ TLV-TWA 20 ppb (skin) DTLVS* 4,211,80
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,211,80

STANDARDS & REGULATIONS:
★ DOT-IMO-POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172,102,83

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5, 307#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION; FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3-BUTADIENE, 2-METHYL- see: NT4037000
BUTADIENE MONOXIDE see: EM7350000
BUTADIENE-STYRENE-ACRYLONITRILE COPOLYMER see: AT6970000
1,3-BUTADIENE-STYRENE COPOLYMER see: WL6478000
BUTADIENE-STYRENE POLYMER see: WL6478000
1,3-BUTADIENE-STYRENE POLYMER see: WL6478000
BUTADIENE-STYRENE RESIN see: WL6478000
BUTADIENE SULFONE see: XM9100000

EJ1055000 1,3-BUTADIENE, 1,1,2,3-TETRACHLORO-

UPDT:8303 CAS: 921-09-5 MW: 191.86 MOLFM: C4-Cl4-H2
SYN: 1,1,2,3-TETRACHLORO-1,3-BUTADIENE

TOXICITY DATA AND REFERENCES:
3C08F07J22 orl-rat LD50:421 mg/kg GTPZAB 26(2),53,82
3C08F07J22 ihl-rat LC50:1600 mg/m3 GTPZAB 26(2),53,82
3C08F07J22 orl-mus LD50:486 mg/kg GTPZAB 26(2),53,82
3C08F07J22 ihl-mus LC50:670 mg/m3 GTPZAB 26(2),53,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUTADIEN-FURFURAL COPOLYMER see: HP5075000
BUTADION see: UQ8225000
BUTADIONA see: UQ8225000
BUTADIONE see: EK2625000
BUTADIONE see: UQ8225000
2,3-BUTADIONE see: EK2625000
17-alpha-BUTADIYNYL-17-beta-HYDROXYESTR-4-EN-3-ONE see: KG7961940
BUTAFLOGIN see: UQ8400000
BUTAFUME see: EO3325000
BUTAGESIC see: UQ8225000
BUTAKON 85-71 see: WL6478000
BUTAL see: ES2275000
BUTALAMINE HYDROCHLORIDE see: RO0685000
BUTALAN see: UQ8225000
BUTALBITAL see: CP8225000
BUTALDEHYDE see: ES2275000
BUTALGIN see: MJ6130000
BUTALGINA see: UQ8225000
BUTALIDON see: UQ8225000
BUTALIN see: BW9500000
BUTALLYLONAL see: CQ0700000
BUTALUY see: UQ8225000
BUTALYDE see: ES2275000
BUTAMBEN see: DG1530000
BUTAMID see: YS4550000
BUTAMIN see: EL2625000
BUTAMIRATE CITRATE see: ET5960000
BUTAMYRATE CITRATE see: ET5960000
BUTANAL see: ES2275000
n-BUTANAL (Czech) see: ES2275000
BUTANALDEHYDE see: ES2275000
1-BUTANAL, 3-METHYL- see: ES3450000

EJ3465000 BUTANAL, 4-(N-METHYL-N-NITROSAMINO)-4-(3-PYRIDYL)-

UPDT:8401 MW: 207.26 MOLFM: C10-H13-N3-O2
SYN: 4-(N-METHYL-N-NITROSAMINO)-4-(3-PYRIDYL)BUTANAL * 4-(N-NITROSO-N-METHYLAMINO)-4-(3-PYRIDYL)BUTANAL * NNA

TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:880 mg/kg/1 I*RCCD 19,395,78
2V03J60 ipr-mus TD :880 mg/kg:7W-I JNCIAM 60,819,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUTANAL OXIME see: ES3500000

EJ3500500 BUTANAMIDE, N-(3-ACETYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)-, (+-)-

UPDT:8403 CAS: 37517-30-9 MW: 336.40 MOLFM: C18-H28-N2-O4
SYN: ACEBUTOLOL * (+-)-ACEBUTOLOL * dl-ACEBUTOLOL * 1-(3-ACETYL-4-n-BUTYRAMIDOPHENOXY)-2-HYDROXY-3-ISOPROPYLAMINOPROPANE * 3'-ACETYL-4'-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)BUTYRANILIDE * (+-)-N-(3-ACETYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)BUTANAMIDE * 5'-BUTYRAMIDO-2'-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)ACETOPHENONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2147T49 orl-wmn TDLo:120 mg/kg (34-39W preg) DPTMDL 4(Suppl 1),109,82
3T47T81T83 unk-wmn TDLo:1080 mg/kg (1-39W preg) BMJOAE 283,1077,81

TOXICITY DATA AND REFERENCES:
3G10H02M01 ivn-dog LD50:4 mg/kg MASODV 16,13,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUTANAMIDE, 2,2'-((3,3'-DICHLORO(1,1'-DIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(3-OXO-N-PHENYL-(9CI) see: AK4580000
BUTANAMIDE, 2,4-DIHYDROXY-N-(3-HYDROXYPROPYL)-3,3-DIMETHYL-, (R)-(9CI) see: ES4316000
BUTANAMIDE, N-(4-ETHOXYPHENYL)-3-HYDROXY- see: EU0900000

EJ3617000 BUTANAMIDE, N-(2,6-DIMETHYLPHENYL)-2-(ETHYLPROPYLAMINO)-, (+-)-

UPDT:8405 CAS: 36637-18-0 MW: 276.42 MOLFM: C17-H28-N2-O
SYN: N-(2,6-DIMETHYLPHENYL)-2-(ETHYLPROPYLAMINO)BUTANAMIDE * (+-)-N-(2,6-DIMETHYLPHENYL)-2-(ETHYLPROPYLAMINO)-2',6'-BUTYROXYLIDIDE * ETIDOCAINE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:99 mg/kg MEIEDD 10,557,83
* ivn-mus LD50:6700 ug/kg MEIEDD 10,557,83

BUTANAMIDE, N-(4-ETHOXYPHENYL)-3-OXO-(9CI) see: AK5800000

EJ3645000 BUTANAMIDE, 2-((2-METHOXY-4-NITROPHENYL)AZO)-N-(2-METHOXYPHENYL)-3-OXO-

UPDT:8412 CAS: 6358-31-2 MW: 386.40 MOLFM: C18-H18-N4-O5
SYN: C.I. 11741 * C.I. PIGMENT YELLOW 74 * DALAMAR YELLOW * HANSA BRILLIANT YELLOW 10GX * LUNA YELLOW * NCI-C61132 * PERMANENT YELLOW, LEAD FREE * PIGMENT YELLOW 74 * PONOLITH YELLOW Y

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

1-BUTANAMINE see: EO2975000
2-BUTANAMINE see: EO3325000
1-BUTANAMINE, N-BUTYL- see: HR7780000

EJ4025000 1-BUTANAMINE, N-BUTYL-N-NITROSO-

UPDT:8412 CAS: 924-16-3 MW: 158.28 MOLFM: C8-H18-N2-O
SYN: BUTYLAMINE, N-NITROSODI- * N-BUTYL-N-NITROSO-1-BUTAMINE * DBN * DIBUTYLAMINE, N-NITROSO- * DI-n-BUTYLNITROSOAMIN (German) * DIBUTYLNITROSAMINE * DI-n-BUTYLNITROSAMINE * N,N-DI-n-BUTYLNITROSAMINE * N,N-DIBUTYLNITROSAMINE * NDBA * N-NITROSODIBUTYLAMINE * N-NITROSO-DI-n-BUTYLAMINE * RCRA WASTE NUMBER U172

MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate MUREAV 66,1,79
mma-esc 2 umol/plate MUREAV 135,87,84
dnd-esc 100 nmol/tube CRNGDP 3,781,82
mma-bcs 5 gm/L MUREAV 42,19,77
dnr-bcs 5 gm/L MUREAV 42,19,77
dns-hmn:hla 10 umol/L CNREAB 38,2621,78
dnd-rat-orl 1520 umol/kg CRNGDP 2,425,81
dnd-rat:lvr 100 umol/L CNREAB 42,2392,82
hma-rat/smc 2912 mg/kg TCMUDB 3,41,83
dns-mus-scu 960 mg/kg APMUAN 5274,304,81
dni-mus-scu 9600 mg/kg VAAZA2 27,119,78
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
cyt-mus-scu 960 mg/kg/24W APMUAN 5274,304,81
mma-ham:lng 500 umol/L IAPUDO 27,179,80
cyt-ham:lng 150 mg/L/27H MUREAV 66,277,79
msc-ham:ovr 100 mg/L ENMUDM 6,539,84
msc-ham:lng 10 umol/L/18H CNREAB 40,406,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:1200 mg/kg (12D preg) BEXBAN 78,1306,74
1T35 orl-rat TDLo:1200 mg/kg (10D preg) IARCCD 4,112,73
1T35 ipr-rat TDLo:1 gm/kg (10D preg) IARCCD 4,112,73
1T76 scu-ham TDLo:30 mg/kg (15D preg) ZKKOBW 86,69,76

TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:648 mg/kg/2Y-I CALEDQ 19,207,83
2V03M60 scu-rat TDLo:8 gm/kg/20W-I XENOBH 3,271,73
3V02K60L60 orl-mus TDLo:2190 mg/kg/1Y-C GANNA2 60,353,69
3V01L60M60 scu-mus TDLo:800 mg/kg/40W-I EJCAAH 6,433,70
3V01P61R60 ivn-mus TDLo:12 mg/kg/25W-I IDZAAW 45,71,70
3V02J60M60 scu-rbt TDLo:34 gm/kg/78W-I INJRAQ 12,262,75
3V03L60M60 orl-gpg TDLo:24 gm/kg/2Y-I ZEKBAI 71,183,68
3V03T65J60 orl-ham TDLo:9 gm/kg (30G post) PSEBAA 136,1007,71
2V03K60 orl-ham TDLo:3900 mg/kg/13W-I PSEBAA 136,168,71
3V03J60K60 ipr-ham TDLo:200 mg/kg ZKKOBW 79,85,73
3V01T65J61 scu-ham TDLo:240 mg/kg (8-15D preg) ZKKOBW 86,69,76
2V01J61 scu-ham TDLo:240 mg/kg/8D-I ZKKOBW 86,69,76
2V03K60 scu-rat TD :7400 mg/kg/37W-I ARZNAD 1W,1077,69
3V03D09M60 scu-ham TD :2162 mg/kg/46W-I JNCIAM 57,401,76
2V03L60 orl-rat TD :64 gm/kg/20W-C GI-NNA2 67,825,76
3V03M14M60 scu-mus TD :3200 mg/kg/30W-I BECCAN 46,271,68
2V03K60 orl-rat TD :3900 mg/kg/56W-C ARZNAD 1W,1077,69
3V03K60M60 orl-rat TD :12600 mg/kg/30W-C IAPUDO 45,649,82
2V03L60 orl-rat TD :3640 mg/kg/26W-C EVHPAZ 30,169,83

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1200 mg/kg NATWAY 50,735,63
scu-rat LD50:1200 mg/kg XENOBH 3,271,73
orl-ham LD50:2150 mg/kg ZKKOBW 79,85,73
ipr-ham LD :,1200 mg/kg ZKKOBW 79,85,73
scu-ham LD50:361 mg/kg PSEBAA 136,168,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 64,77,76; GANMAS 17,161,75; ADVEAZ 13,271,70
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 17,51,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,197,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 17,51,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 28,151,82

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-BUTANAMINE, 2-ETHYL- see: EO4900000
BUTANAMINE, N-ETHYL-N-NITROSO- see: EO5075000
1-BUTANAMINE, N-ETHYL-N-NITROSO- see: EO5100000
2-BUTANAMINE, 3-METHYL-(9CI) see: UI1100000 PROPYLAMINE, 1,2-DIMETHYL-
BUTANAMINE, N-METHYL-N-NITROSO- see: EO5425000
BUTANAMINE, N-NITROSO- see: EO5730000

EJ4100000 1-BUTANAMINE, N-NITROSO-N-PROPYL-

UPDT:8401 CAS: 25413-64-3 MW: 144.25 MOLFM: C7-H16-N2-O
SYN: BUTYLAMINE, N-NITROSO-N-PROPYL- * N-PROPYL-N-BUTYLNITROSAMINE

MUTATION DATA AND REFERENCES:
mma-sat 5 umol/plate MUREAV 48,151,77

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:46 gm/kg/16W-C GANNA2 63,823,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-BUTANAMINIUM, N-BUTYL-N-(2-HYDROXYETHYL)-N-METHYL-(9CI) see: DA2620000

EJ4200000 BUTANE

UPDT:8406 CAS: 106-97-8 MW: 58.14 MOLFM: C4-H10
SYN: n-BUTANE * BUTANE (DOT) * BUTANEN (Dutch) * BUTANE (German) * DIETHYL * METHYLETHYLMETHANE * UN 1011 (DOT)

TOXICITY DATA AND REFERENCES:
ihl-rat LC50:658 gm/m3/4H EATOAO 30,107,67
ihl-mus LC50:680 gm/m3/2H EATOAO 30,102,67

REVIEW AND REFERENCES:
★ TLV-TWA 800 ppm DTLVS* 4,50,80

STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172,102,83

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
n-BUTANE see: EJ4200000

EJ4900000 BUTANE, 1,1-BIS(p-CHLOROPHENYL)-2-NITRO-
UPDT:8403 CAS: 117-26-0 MW: 324.22 MOLFM: C16-H15-Cl2-N-O2
SYN: 1,1-BIS(p-CHLOROPHENYL)-2-NITROBUTANE * BULAN * CS 674A * DNB * ENT 18,065 * 2-NITRO-1,1-BIS(p-CHLOROPHENYL)BUTANE * 1,1'-(2-NITROBUTYLIDENE)BIS(4-CHLOROBENZENE)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:300 mg/kg WRPCA2 9,119,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EJ5250000 BUTANE, 2,2-BIS(ETHYLSULFONYL)-
UPDT:8401 CAS: 76-20-0 MW: 242.38 MOLFM: C8-H18-O4-S2
SYN: 2,2-BIS(ETHYLSULFONYL)BUTANE * DIETHYLSULFONAMETHYLETHYLMETHANE * ETHYLSULFONAL * METHYLSULFONAL * METHYLSULPHONAL * SULFONETHYLMETHANE * TIONAL * TRIONAL
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1900 mg/kg/1W-I BJCAAI 9,177,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EJ6225000 BUTANE, 1-BROMO-
UPDT:8408 CAS: 109-65-9 MW: 137.04 MOLFM: C4-H9-Br
SYN: 1-BROMOBUTANE * BUTYL BROMIDE (DOT) * BUTYL BROMIDE, NORMAL (DOT) * UN 1126 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:237000 mg/m3/30M FAVUAI 7,35,75
ipr-rat LD50:4450 mg/kg JPCEAO 320,133,78
ipr-mus LD50:6680 mg/kg JPCEAO 320,133,78
* ihl-mam LC50:25800 mg/m3 GTPZAB 18(4),55,74
* ipr-mam LD50:1424 mg/kg GTPZAB 18(4),55,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EJ6228000 BUTANE, 2-BROMO-
UPDT:8401 CAS: 78-76-2 MW: 137.04 MOLFM: C4-H9-Br
SYN: 2-BROMOBUTANE * 2-BROMOBUTANE (DOT) * sec-BUTYL BROMIDE * METHYLETHYLBROMOMETHANE * UN 2339 (DOT)
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:3000 mg/kg/8W-I CNREA8 35,1411,75
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EJ6230000 BUTANE, 1-BROMO-3-METHYL-
UPDT:8408 CAS: 107-82-4 MW: 151.07 MOLFM: C5-H11-Br
SYN: 1-BROMO-3-METHYLBUTANE (DOT) * ISOAMYL BROMIDE * ISOPENTYL BROMIDE * 3-METHYLBUTYL BROMIDE * UN 2341 (DOT)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:6150 mg/kg 85GMAT -,76,82
* ipr-mus LD50:13750 mg/kg 85GMAT -,76,82
* ihl-mam LC50:21300 mg/m3 GTPZAB 18(4),55,74
* ipr-mam LD50:480 mg/kg GTPZAB 18(4),55,74
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BUTANECARBOXYLIC ACID see: YV6100000
1-BUTANECARBOXYLIC ACID see: YV6100000

EJ6300000 BUTANE, 1-CHLORO-
UPDT:8412 CAS: 109-69-3 MW: 92.58 MOLFM: C4-H9-Cl
SYN: BUTYL CHLORIDE * n-BUTYL CHLORIDE * BUTYL CHLORIDE (DOT) * 1-CHLOROBUTANE * 1-CHLOROBUTANE (DOT) * CHLORURE DE BUTYLE (French) * NCI-C06155 * n-PROPYLCARBINYL CHLORIDE * UN 1127 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2670 mg/kg AMIHBC 10,61,54
* ihl-rat LCLo:8000 ppm/4H AMIHBC 10,61,54
* unk-rat LD50:2200 mg/kg VRDEA5 (7),105,79
unk-mus LD50:5600 mg/kg GISAAA 44(3),11,79
* unk-gpg LD50:8000 mg/kg VRDEA5 (7),105,79
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EJ6475000 BUTANE, 2-CHLORO-
UPDT:8401 CAS: 78-86-4 MW: 92.58 MOLFM: C4-H9-Cl
SYN: sec-BUTYL CHLORIDE * 2-CHLOROBUTANE * 2-CHLOROBUTANE (DOT) * UN 1127 (DOT)
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:3240 mg/kg/8W-I CNREA8 35,1411,75
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:17460 mg/kg AIHAAP 30,470,69
* ihl-rat LCLo:8000 ppm/4H AIHAAP 30,470,69
* skn-rbt LD50:20 gm/kg AIHAAP 30,470,69
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EJ6650000 BUTANE, 2-CHLORO-2-NITRO-
UPDT:8407 CAS: 22236-53-9 MW: 137.58 MOLFM: C4-H8-Cl-N-O2
SYN: 2-CHLORO-2-NITROBUTANE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:970 mg/kg HYSAAV 34(10-12),429,69
ihl-mus LC50:135 gm/m3/3H HYSAAV 34(10-12),429,69
scu-mus LD50:250 mg/kg HYSAAV 30,169,65
BUTANEDIAL (9CI) see: WM3200000
1,4-BUTANEDIAL see: WM3200000

EJ6700000 1,3-BUTANEDIAMINE
UPDT:8407 CAS: 590-88-5 MW: 88.18 MOLFM: C4-H12-N2
SYN: 1,3-DIAMINOBUTANE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 250 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1350 mg/kg AMIHBC 4,119,51
skn-rbt LD50:430 mg/kg AMIHBC 4,119,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EJ6800000 1,4-BUTANEDIAMINE
UPDT:8402 CAS: 110-60-1 MW: 88.18 MOLFM: C4-H12-N2
SYN: BUTYLENEDIAMINE * 1,4-BUTYLENEDIAMINE * 1,4-DIAMINOBUTANE * PUTRESCIN * PUTRESCINE * TETRAMETHYLENEDIAMINE * 1,4-TETRAMETHYLENEDIAMINE
MUTATION DATA AND REFERENCES:
cyt-hmn:hla 2 mmol/L JCLLAX 78,217,71
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T39T46 ipr-mus TDLo:314 mg/kg (12D preg) TJADAB 28,237,83
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:300 mg/kg ZEPTAT 17,59,15
orl-rbt LDLo:1600 mg/kg CRSBAW 83,481,20
scu-rbt LDLo:200 mg/kg ZEPTAT 17,59,15
ivn-rbt LDLo:80 mg/kg CRSBAW 83,481,20
rec-rbt LDLo:400 mg/kg CRSBAW 83,481,20
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EJ7175000 1,4-BUTANEDIAMINE, N,N'-BIS(3-AMINOPROPYL)-
UPDT:8411 CAS: 71-44-3 MW: 202.40 MOLFM: C10-H26-N4
SYN: N,N'-BIS(3-AMINOPROPYL)-1,4-BUTANEDIAMINE * 1,4-BIS(AMINOPROPYL) BUTANEDIAMINE * 1,4-DIAMINOBUTANE, N,N'-BIS(3-AMINOPROPYL) * DIAMINOPROPYLTETRAMETHYLENEDIAMINE * GERONTINE * MUSCULAMINE * NEURIDINE * SPERMINE * SPERMINE, puriss
MUTATION DATA AND REFERENCES:
mmo-sat 100 umol/L AMACCQ 9,77,76
cyt-hmn:hla 2 mmol/L JCLLAX 78,217,71
dni-rat:lvr 100 umol/L BIJOAK 146,697,75
TOXICITY DATA AND REFERENCES:
3F12F17J22 ivn-rat LD50:65 mg/kg AIPTAK 165,374,67
ipr-mus LDLo:8 mg/kg TXAPA9 23,288,72
* ivn-mus LD50:56 mg/kg CSLNX* NX#00641
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EJ7280000 1,4-BUTANEDIAMINE, DIHYDROCHLORIDE
UPDT:8401 CAS: 333-93-7 MW: 161.10 MOLFM: C4-H12-N2-2Cl-H
SYN: 1,4-DIAMINOBUTANE DIHYDROCHLORIDE * PUTRESCINE DIHYDROCHLORIDE * PUTRESCINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F07F17 scu-rat LD50:1625 mg/kg OYYAA2 25,489,83
3F25J25U26 ivn-rat LD50:760 mg/kg OYYAA2 25,489,83
2F07F17 scu-mus LD50:1880 mg/kg OYYAA2 25,489,83
3F25J25U26 ivn-mus LD50:510 mg/kg OYYAA2 25,489,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EJ7390000 1,4-BUTANEDIAMINE, 2,2-DIPHENYL-N(sup 4),N(sup 4),3-TRIMETHYL-, HYDROBROMIDE
UPDT:8408 MW: 349.38 MOLFM: C19-H26-N2-Br-H
SYN: 2,2-DIPHENYL-N(sup 4),N(sup 4),3-TRIMETHYL-1,4-BUTANEDIAMINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg JCSOA9 -,2158,50
1,4-BUTANEDICARBOXYLIC ACID see: AU8400000
BUTANE DIEPOXIDE see: EJ8225000
BUTANE, D-1,2:3,4-DIEPOXY- see: XO8575080

EJ8225000 BUTANE, 1,2:3,4-DIEPOXY-
UPDT:8411 CAS: 1464-53-5 MW: 86.10 MOLFM: C4-H6-O2
SYN: 1,1'-BI(ETHYLENE OXIDE) * BIOXIRAN * BIOXIRANE * 2,2'-BIOXIRANE * BUTADIENE DIEPOXIDE * 1,3-BUTADIENE DIEPOXIDE * BUTADIENE DIOXIDE * BUTANE DIEPOXIDE * DEB * DIEPOXYBUTANE * 1,2:3,4-DIEPOXYBUTANE * 2,4-DIEPOXYBUTANE * DIOXYBUTADIENE * ENT 26592 * ERYTHRITOL ANHYDRIDE * RCRA WASTE NUMBER U085 * THREITOL 1,2:3,4-DIANHYDRO-
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
skn-rbt 50 mg open SEV UCDS** 4/25/58
eye-rbt 250 ug open SEV AMIHBC 10,61,54
eye-rbt 3 ppm/3D JPCAAC 10,17,60
MUTATION DATA AND REFERENCES:
mmo-sat 20 ug/plate MUREAV 66,367,79
mma-sat 20 ug/plate MUREAV 66,367,79
mmo-esc 10 mmol/L TOERD9 3,131,81
dnr-esc 1 uL/disc JJINDB 62,873,79
mrc-esc 50 ug/well MUREAV 46,53,77
dns-esc 80 mmol/L ZKKOBW 92,157,78
pic-esc 7500 ug/L APMBAY 12,234,64
mmo-klp 50 umol/L MUREAV 89,269,81
mmo-omi 1000 ppm/30M-C FOMIAZ 16,197,71
dnd-omi 2 mmol/L/2H-C BBACAQ 174,674,69
dnd-omi 13 mmol/L PNASA6 73,2629,76
slt-dmg-orl 5 mmol/L MUREAV 92,107,82
slt-dmg-unk 1000 ppm/2H MUREAV 120,233,83
dnd-dmg-par 11600 umol/L CNREA8 30,195,70
cyt-dmg-par 3 mmol/L ZEVBA5 92,457,61
sln-dmg-par 1000 ppm MUREAV 49,219,78
sln-dmg-orl 100 ppm JOGNAU 50,480,52
trn-dmg-unk 1000 ppm MUREAV 3,455,66
mmo-nsc 3 umol/L IDZAAW 43(1),1,68
mmo-smc 100 mmol/L/20M MUREAV 33,383,75
mma-smc 400 ppm NTIS** PB80-133226
mrc-smc 400 ppm JJINDB 62,901,79
mmo-asn 20 umol/L MUREAV 3,145,66
dlt-ain-par 3 ug MUREAV 7,63,69
cyt-hmn:lym 100 ug/L CGCGBR 34,230,82
sce-hmn:lym 5 mg/L BIZNAT 101,97,82
otr-rat:emb 170 ug/L JJINDB 67,1303,81
cyt-rat-scu 1 mg/kg TXAPA9 14,653,69
spm-mus-ipr 16 mg/kg GENTAE 46,291,61
otr-mus-fbr 8 ug/L JJINDB 67,1303,81
sce-mus-ipr 10 umol/kg MUREAV 108,251,83
sce-mus-ivn 193 umol/kg MUREAV 108,251,83
hma-mus/sat 444 mg/kg JJINDB 62,911,79
otr-ham-emb 50 ug/L IJCNAW 19,642,77
sce-ham-ovr 1 umol/L NATUAS 258,121,75
dnd-mam:lym 10 mmol/L BBACAQ 138,611,67
TUMORIGENIC DATA AND REFERENCES:
3V03Q60V10 ipr-rat TDLo:380 mg/kg/13W-I BJPCAL 6,235,51
3V03R60V10 skn-mus TDLo:95 gm/kg/78W-I AIHAAP 24,305,63
3V03P62R60 unk-mus TDLo:2400 mg/kg RARSAM 3,193,63
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:78 mg/kg AMIHBC 10,61,54

ihl-rat LC50:90 ppm/4H — SCCUR* -,2,61
orl-mus LD50:72 mg/kg — SCCUR* -,2,61
* skn-rbt LD50:80 mg/kg — AMIHBC 10,61,54

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982 REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984 EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EJ8400000 BUTANE, (+-)-1,2:3,4-DIEPOXY-
UPDT:8406 CAS: 298-18-0 MW: 86.10 MOLFM: C4-H6-O2
SYN: (R* R*)-(+-)-2,2'-BIOXIRANE * di-BUTADIENE DIOXIDE * 1,2:3,4-DIANHYDRO-DL-THREITOL * D,L-DIEPOXYBUTANE * (+-)-1,2:3,4-DIEPOXYBUTANE * dl-1,2:3,4-DIEPOXYBUTANE * DL-1,2:3,4-DIEPOXYBUTANE

MUTATION DATA AND REFERENCES:
mmo-ssp 20 mmol/L — ADWMAX -,193,63
dns-ham/vr 1 mmol/L — ENMUDM 6,1,84

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:335 mg/kg/67W-I — JNCIAM 37,825,66
3V01R60V10 skn-mus TDLo:132 mg/kg/66W-I — CNREA8 43,159,83
3V01R60V10 scu-mus TDLo:13200 ug/kg/68W-I — CNREA8 43,159,83
3V03R60V10 skn-mus TD :13 gm/kg/11W-I — JNCIAM 31,41,63
3V01R60V10 skn-mus TD :24 gm/kg/68W-I — 14JTAF -,275,74
2V02V10 scu-mus TD :260 mg/kg/65W-I — JNCIAM 31,41,63

TOXICITY DATA AND REFERENCES:
orl-rat LD50:210 mg/kg — IHFCAY 6,1,67
ihl-rat LC50:56 ppm/4H — IHFCAY 6,1,67
skn-mus LDLo:400 mg/kg — JNCIAM 31,41,63
skn-rbt LD50:800 mg/kg — IHFCAY 6,1,67

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 11,115,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984 MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EJ8575000 BUTANE, L-1,2:3,4-DIEPOXY-
UPDT:8401 CAS: 30031-64-2 MW: 86.10 MOLFM: C4-H6-O2
SYN: (S-(R* R*))-2,2'-BIOXIRANE * L-BUTADIENE DIEPOXIDE * L-DIEPOXYBUTANE * L-1,2:3,4-DIEPOXYBUTANE * (2S,3S)-DIEPOXYBUTANE * (2S,3S)-1,2:3,4-DIEPOXYBUTANE * NSC 32606

MUTATION DATA AND REFERENCES:
dnd-omi 5 mmol/L — BBACAQ 228,400,71
mmo-ssp 31 mmol/L — ADWMAX -,193,62

TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:110 mg/kg/4W — JNCIAM 36,915,66
3V02J60N60 par-mus TDLo:192 mg/kg/4W-I — NCISA* PH-43-62-483

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:61 mg/kg — NCISA* PH-43-63-1132

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 11,115,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984 MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EJ8750000 BUTANE, 1,2:3,4-DIEPOXY-, meso-
UPDT:8401 CAS: 564-00-1 MW: 86.10 MOLFM: C4-H6-O2
SYN: (R* S*)-2,2'-BIOXIRANE * 1,2:3,4-DIANHYDROERYTHRITOL * meso-DIEPOXYBUTANE * meso-1,2:3,4-DIEPOXYBUTANE * (R* S*)-DIEPOXYBUTANE * ERYTHRITOL ANHYDRIDE * ERYTHRITOL 1,2:3,4-DIANHYDRO-

MUTATION DATA AND REFERENCES:
mmo-ssp 51 mmol/L — ADWMAX -,193,62

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:26 gm/kg/22W-I — 14JTAF -,275,64
3V03R60V10 skn-mus TD :26 gm/kg/22W-I — JNCIAM 31,41,63

TOXICITY DATA AND REFERENCES:
skn-mus LDLo:400 mg/kg — JNCIAM 31,41,63
* ipr-mus LD50:25 mg/kg — BSESA3 9,481,76

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 11,115,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984 MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EJ8800000 BUTANE, 1,2:3,4-DIEPOXY-2-METHYL-
UPDT:8401 MW: 100.13 MOLFM: C5-H8-O2
SYN: 2,2'-BIOXIRANE, 2-METHYL- (9CI) * 1,2:3,4-DIEPOXY-2-METHYLBUTANE * 2-METHYL-2,2'-BIOXIRANE

TUMORIGENIC DATA AND REFERENCES:
2V03P62 unk-mus TDLo:800 mg/kg — RARSAM 3,193,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EJ9275000 BUTANE,1,3-DIMETHOXY-
UPDT:8303 CAS: 10143-66-5 MW: 118.20 MOLFM: C6-H14-O2
SYN: 1,3-DIMETHOXYBUTANE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3730 mg/kg — AIHAAP 23,95,62
* ihl-rat LCLo:8000 ppm/4H — AIHAAP 23,95,62
skn-rbt LD50:10 gm/kg — AIHAAP 23,95,62

EJ9300000 BUTANE, 2,2-DIMETHYL-
UPDT:8308 CAS: 75-83-2 MW: 86.20 MOLFM: C6-H14
SYN: NEOHEXANE (DOT) * UN 1208 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 500 ppm; STEL 1000 ppm — DTLVS* 4,218,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ALKANES recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EJ9350000 BUTANE, 2,3-DIMETHYL-
UPDT:8308 CAS: 79-29-8 MW: 86.20 MOLFM: C6-H14
SYN: 2,3-DIMETHYLBUTANE (DOT) * UN 2457 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 500 ppm; STEL 1000 ppm — DTLVS* 4,218,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ALKANES recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BUTANEDINITRILE see: WN3850000

EJ9852000 BUTANEDIOIC ACID, ((AMINOCARBONYL)AMINO)-, DIHYDRAZIDE, (+-)-
UPDT:8312 CAS: 37458-18-7 MW: 204.23 MOLFM: C5-H12-N6-O3
SYN: DL-UREIDOSUCCINIC ACID DIHYDRAZIDE

MUTATION DATA AND REFERENCES:
mma-sat 600 nmol/plate — CALEDQ 19,67,83
mma-sat 1200 nmol/plate — CALEDQ 19,67,83

BUTANEDIOIC ACID DIBUTYL ESTER see: WM6250000
BUTANEDIOIC ACID, DIETHYL ESTER see: WM7400000
BUTANEDIOIC ACID, 2,3-DIHYDROXY-, (R-(R*,R*))-, COPPER (2+) SALT see: WW8039000
BUTANEDIOIC ACID, 2,3-DIHYDROXY-, (R-(R*,R*))-, DIAMMONIUM SALT see: WW8050000
BUTANEDIOIC ACID, 2,3-DIMERCAPTO- (9CI) see: WM7640000
BUTANEDIOIC ACID, 2,3-DIMERCAPTO-, (R*,S*)- (9CI) see: WM7650000
BUTANEDIOIC ACID, ((DIMETHOXYPHOSPHINYL)THIO)-, DIETHYL ESTER (9CI) see: WM8410000
BUTANEDIOIC ACID, DIPROPYL ESTER see: WM7750000

EJ9971000 BUTANEDIOIC ACID, HYDROXY-, LEAD(2+) SALT (1:1)
UPDT:8305 CAS: 816-68-2 MW: 341.29 MOLFM: C4-H4-O5-Pb
SYN: COLLOIDAL LEAD MALATE * LEAD MALATE

TOXICITY DATA AND REFERENCES:
* ivn-rbt LDLo:25 mg/kg — JOGBAS 35,693,28

BUTANEDIOIC ACID, ((METHYL(PROPYLTHIO)PHOSPHINOTHIOYL)THIO)-, DIETHYL ESTER see: WM8550000
BUTANEDIOIC ACID, MONO((4-BUTYL-3,5-DIOXO-1,2-DIPHENYL-4-PYRAZOLIDINYL)METHYL) ESTER (9CI) see: WM9640000
BUTANEDIOIC ACID, MONO(7-CHLORO-2,3-DIHYDRO-2-OXO-5-PHENYL-1H-1,4-BENZODIAZEPIN-3-YL) ESTER see: WM9645000
BUTANEDIOIC ACID MONO(2,2-DIMETHYLHYDRAZIDE) see: WM9625000
BUTANEDIOIC ACID, MONO(3-((2-ETHYLHEXYL)AMINO)-1-METHYL-3-OXOPROPYL) ESTER (9CI) see: WM9670000

EK0110500 BUTANEDIOIC ACID, MONO(4-HYDROXY-3-SULFOPHENYL)ESTER, compd. with PYRIDINE (1:1)
UPDT:8312 CAS: 59687-27-3 MW: 369.37 MOLFM: C10-H10-O8-S C5-H5-N
SYN: MONO(4-HYDROXY-3-SULFOPHENYL)ESTER of BUTANEDIOIC ACID compd. with PYRIDINE (1:1)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg — EJMCA5 11,43,76

BUTANEDIOIC ACID, SULFO-, 1,4-BIS(2-ETHYLHEXYL) ESTER, SODIUM SALT (9CI) see: WN0525000

EK0120000 BUTANEDIOIC ACID, SULFO-, 1,4-BIS(2-ETHYLHEXYL) ESTER, SODIUM SALT, mixt. with (2-PYRIDINYLMETHYLENE)DI-4,1-PHENYLENE DIACETATE and RHUBARB extract
UPDT:8406 CAS: 66813-55-6
SYN: TELEMIN-SOFT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-rat TDLo:90 gm/kg (90D male) — OYYAA2 15,85,78
1T12 orl-rat TDLo:45 gm/kg (90D pre) — OYYAA2 15,85,78

TOXICITY DATA AND REFERENCES:
3F07J25U26 orl-rat LD50:4 gm/kg — OYYAA2 15,85,78
3F07J25U26 orl-mus LD50:4600 mg/kg — OYYAA2 15,85,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUTANEDIOIC ANHYDRIDE see: WN0875000
BUTANE-1,3-DIOL see: EK0440000

EK0440000 1,3-BUTANEDIOL
UPDT:8411 CAS: 107-88-0 MW: 90.14 MOLFM: C4-H10-O2
SYN: BUTANE 1,3-DIOL * beta-BUTYLENE GLYCOL * 1,3-BUTYLENE GLYCOL * 1,3-DIHYDROXYBUTANE * METHYLTRIMETHYLENE GLYCOL

IRRITATION DATA AND REFERENCES:
eye-rbt 505 mg — AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:23 gm/kg — AMIHBC 4,119,51
scu-rat LD50:20 gm/kg — NPIRI* 1,14,74
1F02 orl-mus LD50:12980 mg/kg — JAPMAB 45,669,56
orl-gpg LD50:11 gm/kg — JIHTAB 23,259,41

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EK0532000 2,3-BUTANEDIOL
UPDT:8405 CAS: 513-85-9 MW: 90.14 MOLFM: C4-H10-O2
SYN: 2,3-BUTYLENE GLYCOL * 2,3-DIHYDROXYBUTANE * DIMETHYLENE GLYCOL

TOXICITY DATA AND REFERENCES:
orl-mus LD50:5462 mg/kg — TXAPA9 49,385,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EK1050000 2,3-BUTANEDIOL, 2-(p-CHLOROPHENYL)-3-METHYL-
UPDT:8403 CAS: 79-93-8 MW: 214.71 MOLFM: C11-H15-Cl-O2
SYN: ACALMID * ACALO * ALTERTON * ATADIOL * B586 * 2-p-CHLOROPHENYL-3-METHYL-2,3-BUTANEDIOL * 2-(4-CHLOROPHENYL)-3-METHYL-2,3-BUTANEDIOL * ENT 15,208 * FELIXYN * FENAGLICODOLO * PAUSITAL * PHENAGLYCODOL * PHENGLYKODOL * REMIN * SEDAPSIN * SINFORIL * STESIL * ULTRAN * USAF EL-44

TOXICITY DATA AND REFERENCES:
orl-rat LD50:832 mg/kg — TXAPA9 21,315,72
orl-mus LD50:514 mg/kg — 27ZQAG -,401,72
ipr-mus LD50:200 mg/kg — NTIS** AD277,689
scu-mus LD50:358 mg/kg — 27ZQAG -,401,72
ivn-mus LD50:254 mg/kg — 27ZQAG -,401,72
orl-bwd LD50:32 mg/kg — TXAPA9 21,315,72

1,3-BUTANEDIOL DIACRYLATE see: AS5250000
2,3-BUTANEDIOL, 1,4-DIMERCAPTO-, DL-threo- see: XO8576500
2,3-BUTANEDIOL, 1,4-DIMERCAPTO-, (R*,R*)-(+-)- (9CI) see: XO8576500
2,3-BUTANEDIOL, 1,4-DIMERCAPTO- (R*,S*)- (9CI) see: KF2410000
1,4-BUTANEDIOL DIMETHANESULFONATE see: EK1750000
1,4-BUTANEDIOL DIMETHANESULPHONATE see: EK1750000

EK1720000 2,3-BUTANEDIOL, 2,3-DIMETHYL-
UPDT:8405 CAS: 76-09-5 MW: 118.20 MOLFM: C6-H14-O2
SYN: 2,3-DIMETHYL-2,3-BUTANEDIOL * PINACOL * TETRAMETHYLETHYLENE GLYCOL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 14,841,76

TOXICITY DATA AND REFERENCES:
1F02 orl-mus LD50:1380 mg/kg — FCTXAV 14,841,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EK1750000 1,4-BUTANEDIOL DIMETHYLSULFONATE
UPDT:8412 CAS: 55-98-1 MW: 246.32 MOLFM: C6-H14-O6-S2
SYN: 1,4-BIS(METHANESULFONOXY)BUTANE * (1,4-BISMETHANESULFONYLOXY)BUTANE * BUSULFAN * BUSULPHAN * BUSULPHANE * 1,4-BUTANEDIOL DIMETHANESULFONATE * 1,4-BUTANEDIOL DIMETHANESULPHONATE * C.B. 2041 * 1,4-DIMETHANESULFONOXYBUTANE * 1,4-DIMETHANESULFONOXYBUTANE * 1,4-DIMETHANESULFONYLOXYBUTANE * 1,4-DIMETHANESULPHONYLOXYBUTANE * 1,4-DIMETHYLSULFONOXYBUTANE * 1,4-DIMETHYLSULFONYLOXYBUTANE * GT41 * GT 2041 * MABLIN * METHANESULFONIC ACID, TETRAMETHYLENE ESTER * MIELEVCIN * MIELUCIN * MISULBAN * MITOSAN * MITOSTAN * MYELEUKON * MYELOLEUKON * MYELOSAN * MYLERAN * NCI-C01592 * NSC 750 * SULFABUTIN * SULPHABUTIN * TETRAMETHYLENE BISIMETHANESULFONATE) * TETRAMETHYLENE DIMETHANE SULFONATE

MUTATION DATA AND REFERENCES:
mma-sat 500 ug/plate — CNREA8 38,2148,78

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

mma-sat 200 ug/plate ARTODN (Suppl 4),84,80
mma-esc 10 uL/disc ANYAA9 76,475,58
pic-esc 500 mg/L EVSRBT 24,893,81
sln-dmg-par 10 mmol/L JOGNAU 54,146,56
sln-dmg-unk 10 mmol/L ANYAA9 160,228,69
sln-dmg-orl 90 umol/L EVSRBT 24,175,81
oms-oin-imp 600 mg/kg ABABAC 17,661,77
cyt-oin-par 30 ug ABABAC 17,661,77
spm-oin-imp 600 mg/kg ABABAC 17,661,77
spm-oin-par 30 ug ABABAC 17,661,77
dni-hmn:hla 10 mol/L MUREAV 54,113,78
oms-hmn:lym 80 umol/L HUMAA7 7,126,69
cyt-wmn-unk 138 mg/kg GRMMAB 14,383,69
cyt-hmn:leu 1 mg/L ECREAL 54,377,69
cyt-hmn:lym 500 ug/L MUREAV 57,35,78
sce-hmn-orl 2 mg/kg/5W MUREAV 67,289,79
sce-hmn:lym 500 ug/L MUREAV 57,35,78
dnd-rat-ipr 43500 ug/kg ECEBDI 47,92,79
dnd-rat-unk 4 mg/kg PACHAS 42,209,75
dns-rat-orl 10 mg/kg MUREAV 68,275,79
dni-rat-ipr 4400 ug/kg EJCAAH 13,215,77
dlt-rat-ipr 4 mg/kg GENRAB 4,333,63
mnt-mus-ipr 50 mg/kg JTEHD6 2,619,77
mma-mus:lym 3 mg/L/4H MUREAV 59,61,79
dnd-mus:leu 40 mg/kg BIJOAK 80,496,61
dnd-mus:ast 20 mg/kg BIJOAK 80,496,61
dnd-mus:leu 10 umol/L BCPCA6 18,1229,69
dnd-mus-unk 10 mg/kg PACHAS 42,209,75
dns-mus-ipr 30 mg/kg IDZAAW 54(6),405,79
cyt-mus-ipr 5 mg/kg MUREAV 56,329,78
cyt-mus-unk 5 mg/kg GNTKDF 11,203,79
dlt-mus-ipr 25 mg/kg TXAPA9 23,288,72
msc-mus:lym 6 mg/L/4H MUREAV 59,61,79
spm-mus-ipr 30 mg/kg/5D PNASA6 72,4425,75
otr-ham:kdy 20 mg/L ARTODN (Suppl 4),84,80
cyt-ham:lng 1570 mg/L GMCRDC 27,95,81
sce-ham-ovr 20 mg/L CNREAB 43,577,83
msc-ham-ovr 40 mg/L CNREAB 43,577,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T42T43T52 orl-wmn TDLo:17 mg/kg (4-36W preg) PEDIAU 25,85,60
3T53T59T81 orl-wmn TDLo:17 mg/kg (4-36W preg) PEDIAU 25,85,60
1T105 orl-man TDLo:5400 ug/kg (90D male) ANYAA9 68,967,58
1T113 or-wmn TDLo:8460 ug/kg (22W pre) OBGNAS 21,466,63
1T50 unk-wmn TDLo:5280 ug/kg (14-26W preg) AJOGAH 92,580,65
1T114 unk-wmn TDLo:35160 ug/kg (2.5Y pre) AJCPAI 44,385,65
1T114 unk-wmn TDLo:4400 ug/kg (4W pre) NEQLA4 7,397,60
1T191 orl-rat TDLo:10 mg/kg (13D preg) TJADAB 30(1),14A,84
1T135 orl-rat TDLo:48 mg/kg (7-14D preg) PSDTAP 11,151,70
2T34T46 orl-rat TDLo:5600 ug/kg (7-16D preg) PSDTAP 11,151,70
1T53 orl-rat TDLo:5 mg/kg (12D preg) TJADAB 30(1),14A,84
2T24T43 orl-rat TDLo:8 mg/kg (11-14D preg) BTDCAV 13,103,72
1T125 orl-rat TDLo:40 mg/kg (11-14D preg) BTDCAV 13,103,72
1T123 orl-rat TDLo:49 mg/kg (49D male) ESGUAJ -,55,66
1T123 ipr-rat TDLo:6 mg/kg (1D male) ESGUAJ -,55,66
1T85 ipr-rat TDLo:1 mg/kg (9D preg) BEXBAN 68,1230,69
3T25T29T31 ipr-rat TDLo:10 mg/kg (2D preg) BEXBAN 61,423,66
2T53T91 ipr-rat TDLo:10 mg/kg (15D preg) JRPFA4 17,325,68
1T24 ipr-rat TDLo:6 mg/kg (1D male) GENRAB 4,333,63
1T135 ipr-rat TDLo:10 mg/kg (8D preg) NATUAS 209,1215,66
2T01T02 ipr-rat TDLo:10 mg/kg (1D male) JRPFA4 26,247,71
1T153 scu-rat TDLo:20 mg/kg (20D preg) JRPFA4 70,67,84
1T125 ivn-rat TDLo:10 mg/kg (8D preg) IARCCD 4,100,73
1T46 orl-mus TDLo:100 mg/kg (7D preg) NDKIA2 14,61,66
1T134 orl-mus TDLo:40 mg/kg (6-9D preg) BTDCAV 13,103,72
1T125 orl-mus TDLo:240 mg/kg (6-9D preg) BTDCAV 13,103,72
1T43 orl-mus TDLo:160 mg/kg (10-12D preg) BTDCAV 13,103,72
1T101 ipr-mus TDLo:20 mg/kg (1D male) ZZACAG 92,400,68
2T26T29 ipr-mus TDLo:10 mg/kg (1D pre) MUREAV 13,171,71
2T34T35 ipr-mus TDLo:30 mg/kg (9D preg) TJADAB 3,363,70
1T48 ipr-mus TDLo:30 mg/kg (10D preg) TJADAB 3,363,70
1T25 ipr-mus TDLo:25 mg/kg (1D male) TXAPA9 23,288,72
1T191 ipr-mus TDLo:10 mg/kg (18D preg) 40YJAX -,141,76
2T02T03 ipr-mky TDLo:10 mg/kg (1D male) JRPFA4 16,165,68
3T34T51T53 orl-rbt TDLo:32 mg/kg (7-14D preg) PSDTAP 10,227,69
1T101 ipr-ham TDLo:40 mg/kg (1D male) ZZACAG 92,400,68

TUMORIGENIC DATA AND REFERENCES:

3V01M61T69 orl-wmn TDLo:1140 mg/kg/9Y-I AIMDAP 124,66,69
2V02P62 ipr-mus TDLo:80 mg/kg/6W-I CNREAB 41,3478,81
3V02P61P62 ivn-mus TDLo:48 mg/kg/42D-I CNREAB 25,20,65
2V03J60 ipr-mus TD :1200 mg/kg/8W-I CNREAB 33,3069,73
3V03P25P61 ipr-mus TD :70 mg/kg/6W-I BLOOAW 44,49,74

TOXICITY DATA AND REFERENCES:

orl-wmn TDLo:798 mg/kg/8Y JAMAAP 238,1951,77
1P26 unk-man TDLo:700 ug/kg CNCRA6 50,219,66
orl-rat LD50:1860 ug/kg ARZNAD 20,1461,70
ipr-rat LD50:18 mg/kg BCPCA6 1,39,58
ivn-rat LD50:1800 ug/kg ARZNAD 20,1467,70
unk-rat LD50:2 mg/kg CHABAB 55,10679a,61
orl-mus LD50:135 mg/kg NIIRDN 6,676,82
ipr-mus LD50:160 mg/kg TDKNAF 16,64,57
unk-mus LD50:46 mg/kg BJCAAI 6,160,52
ivn-dog LDLo:8 mg/kg CCSUBJ 2,203,65
ivn-mky LDLo:8 mg/kg CCSUBJ 2,203,65

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EXHMA6 2,101,74; JAMAAP 172,1765,60; MIMDAL 57(1),19,74; CRTXB2 1(1),5a,71; 32XPAD -,49,75; ARVPAX 5,447,65; ADvPA3 4,263,66; KMAUAI 170,818,72

★ CARCINOGENIC REVIEW:HUMAN:INDEFINITE IARC** 4,247,74
★ CARCINOGENIC REVIEW:ANIMAL:INDEFINITE IARC** 4,247,74

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EK2275000 1,4-BUTANEDIOL, 2-METHYL-

UPDT:8407 CAS: 2938-98-9 MW: 104.17 MOLFM: C5-H-2-O2
SYN: 2-METHYL-1,4-BUTANEDIOL

IRRITATION DATA AND REFERENCES:

eye-rbt 20 mg open SEV AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:

° orl-rat LD50:5460 mg/kg AMIHBC 4,119,51
skn-rbt LD50:2620 mg/kg AMIHBC 4,119,51

EK2450000 1,2-BUTANEDIOL, 2-PHENYL-, 1-CARBAMATE

UPDT:8403 CAS: 50-19-1 MW: 209.27 MOLFM: C11-H15-N-O3
SYN: AL-0361 * CARBAMIC ACID, beta-ETHYL-beta-HYDROXYPHENETHYL ESTER * beta-ETHYL-beta-HYDROXYPHENETHYL CARBAMATE * beta-ETHYL-beta-HYDROXYPHENETHYL CARBAMIC ACID ESTER * HIDROXIFENAMATO * HYDROXYPHENAMATE * 2-HYDROXY-2-PHENYLBUTYL CARBAMATE * LISTICA * NSC-108034 * OXYFENAMATE * OXYPHENAMATE * P-301 * PHENYLBUTAMATE * 2-PHENYL-1,2-BUTANEDIOL 1-CARBAMATE * TENSIFEN

TOXICITY DATA AND REFERENCES:

orl-rat LD50:607 mg/kg 27ZQAG -,394,72
° orl-mus LD50:830 mg/kg MEIEDD 10,705,83
ivn-mus LD50:425 mg/kg DNSSAW 22,9,61

EK2625000 2,3-BUTANEDIONE

UPDT:8312 CAS: 431-03-8 MW: 86.10 MOLFM: C4-H6-O2
SYN: BIACETYL * BUTADIONE * 2,3-BUTADIONE * 2,3-BUTANEDIONE (DOT) * DIACETYL * DIACETYL (DOT) * 2,3-DIKETOBUTANE * DIMETHYL DIKETONE * DIMETHYLGLYOXAL * GLYOXAL, DIMETHYL- * UN 2346 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 17,765,79

MUTATION DATA AND REFERENCES:

mma-sat 1 mg/plate MUREAV 67,367,79
oms-hmn:emb 20 mg/L BEXBAN 74,828,72

TUMORIGENIC DATA AND REFERENCES:

2V03J60 ipr-mus TDLo:1700 mg/kg/8W-I CNREAB 33,3069,73

TOXICITY DATA AND REFERENCES:

2F07F12 orl-rat LD50:1580 mg/kg FCTXAV 2,327,64
3F12F17H05 ipr-rat LD50:400 mg/kg FCTXAV 7,571,69
3F19F24J22 orl-gpg LD50:990 mg/kg FCTXAV 2,327,64

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID, LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,4-BUTANEDIONE see: WM3200000
1,4-BUTANEDIONE (DOT) see: WM3200000
2,3-BUTANEDIONE (DOT) see: EK2625000

EK3541000 BUTANE, DIOXYBIS(2,2'-DI-tert-BUTYL-

UPDT:8306 MW: 370.74 MOLFM: C24-H50-O2
SYN: 2,2-BIS-DI-tert-BUTYLPEROXYBUTANE * DIOXYBIS(2,2'-DI-tert-BUTYLBUTANE)

TOXICITY DATA AND REFERENCES:

° orl-rat LD50:12500 mg/kg FEPRA7 7,252,48
° orl-mus LD50:17500 mg/kg FEPRA7 7,252,48

BUTANE (DOT) see: EJ4200000

EK3675000 BUTANE, 1,2-EPOXY-

UPDT:8412 CAS: 106-88-7 MW: 72.12 MOLFM: C4-H8-O
SYN: 1-BUTENE OXIDE * 1,2-BUTENE OXIDE * BUTYLENE OXIDE * 1,2-BUTYLENE OXIDE * EPOXYBUTANE * 1,2-EPOXYBUTANE * ETHYLENE OXIDE, ETHYL- * NCI-C55527 * PROPYL OXIRANE

MUTATION DATA AND REFERENCES:

mmo-sat 20 uL/plate MUREAV 28,31,75
mma-sat 4200 ug/plate PNASA6 72,5135,75
mma-esc 20 umol/L ARTODN 46,277,80
dnr-esc 50 mg/L JJINDB 62,873,79
dnd-esc 1 umol/L ARTODN 46,277,80
mmo-klp 1 mmol/L MUREAV 89,269,81
mrc-smc 6000 ppm JJINDB 62,901,79
mmo-ssp 3200 umol/L TCMUDB 3,75,83
mma-ssp 1600 umol/L TCMUDB 3,75,83
otr-rat-emb 700 mg/L JJINDB 67,1303,81
otr-ham-emb 50 ug/L JJINDB 67,1303,81
dnd-mam:lym 100 mmol/L CBINAB 9,97,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 ihl-rbt TCLo:1000 ppm/7H (1-24D preg) NTIS** PB81-168510

TOXICITY DATA AND REFERENCES:

° orl-rat LD50:500 mg/kg NTIS** PB81-168510
° ihl-rat LCLo:4000 ppm/4H AIHAAP 23,95,62
° skn-rbt LD50:2100 mg/kg AIHAAP 23,95,62

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTANE, 1,4-EPOXY- see: LU5950000

EK3855000 BUTANE, 2,3-EPOXY-

UPDT:8411 CAS: 3266-23-7 MW: 72.12 MOLFM: C4-H8-O
SYN: 2,3-EPOXYBUTANE

MUTATION DATA AND REFERENCES:

mmo-sat 5 umol/plate JJATDK 2,282,82
mma-sat 5 umol/plate JJATDK 2,282,82
mmo-klp 20 umol/L MUREAV 89,269,81

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EK3860000 BUTANE, 2,3-EPOXY-2-METHYL-

UPDT:8408 CAS: 5076-19-7 MW: 86.13 MOLFM: C5-H10-O
SYN: beta-ISOAMYLENE OXIDE * OXIRANE, TRIMETHYL- (9CI) * TRIMETHYLETHYLENE OXIDE * TRIMETHYLOXACYCLOPROPANE * TRIMETHYLOXIRANE * 2,2,3-TRIMETHYLOXIRANE

TOXICITY DATA AND REFERENCES:

3F01F07F13 orl-rat LD50:2635 mg/kg GTPZAB 24(10),49,80
3F01F07F13 ipr-rat LD50:1410 mg/kg GTPZAB 24(10),49,80
3F01F07F13 orl-mus LD50:2600 mg/kg GTPZAB 24(10),49,80
3F01F07F13 ipr-mus LD50:1513 mg/kg GTPZAB 24(10),49,80
BUTANE, 1,1'-(1,2-ETHANEDIYLBIS(OXY))BIS- see: KH9450000
BUTANE, 1-(ETHENYLOXY)- see: KN5950000
BUTANE, 1-(2-(ETHENYLOXY)ETHOXY)- see: KM7175000
BUTANE, 1-(2-ETHOXYETHOXY)- see: KH6825000
BUTANE, 1,1'-(ETHYLIDENEBIS(OXY))BIS- (9CI) see: AB2700000

EK4376000 BUTANE, 1,1,2,3,4,4-HEXACHLORO-

UPDT:8411 MW: 264.78 MOLFM: C4-H4-Cl6

TOXICITY DATA AND REFERENCES:

° orl-rat LD50:400 mg/kg GISAAA 48(10),89,83
° orl-mus LD50:282 mg/kg GISAAA 48(10),89,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EK4400000 BUTANE, 1-IODO-

UPDT:8408 CAS: 542-69-8 MW: 184.03 MOLFM: C4-H9-I
SYN: BUTYL IODIDE * n-BUTYL IODIDE * 1-IODOBUTANE

TUMORIGENIC DATA AND REFERENCES:

2V02J60 ipr-mus TDLo:480 mg/kg/8W-I CNREAB 35,1411,75

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
ihl-rat LC50:237000 mg/m3/30M FAVUAI 7,35,75
* ipr-rat LD50:692 mg/kg 85GMAT -,30,82
* ipr-mus LD50:101 mg/kg 85GMAT -,30,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EK4410000 BUTANE, 2-IODO-
UPDT:8401 CAS: 513-48-4 MW: 184.03 MOLFM: C4-H9-I
SYN: sec-BUTYL IODIDE * 2-IODOBUTANE * 2-IODOBUTANE (DOT) * UN 2390 (DOT)
MUTATION DATA AND REFERENCES:
dnr-esc 75 uL/well/16H CBINAB 15,219,76
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:6000 mg/kg/8W-I CNREAB 35,1411,75
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EK4412000 BUTANE, 1-IODO-3-METHYL-
UPDT:8408 CAS: 541-28-6 MW: 198.06 MOLFM: C5-H11-I
SYN: 1-IODO-3-METHYLBUTANE * ISOAMYL IODIDE * ISOPENTYL IODIDE * 3-METHYLBUTYLIODIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:503 mg/kg 85GMAT -,77,82
BUTANE, 1-METHOXY- (9CI) see: KN5240000

EK4430000 BUTANE, 2-METHYL-
UPDT:8308 CAS: 78-78-4 MW: 72.17 MOLFM: C5-H12
SYN: ETHYLDIMETHYLMETHANE * ISOAMYLHYDRIDE * ISOPENTANE * ISOPENTANE (DOT) * 2-METHYLBUTANE * UN 1265 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ALKANES recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT BEHQ-0978-0240

EK4550000 BUTANE, METHYLAZOXY-
UPDT:8401 CAS: 11069-34-4 MW: 116.19 MOLFM: C5-H12-N2-O
SYN: METHYL AZOXY BUTANE
TUMORIGENIC DATA AND REFERENCES:
3V03K60R60 scu-rat TDLo:2130 mg/kg/71W-I 27NZAH 2,73,72
TOXICITY DATA AND REFERENCES:
unk-rat LD50:285 mg/kg 23HZAR -,267,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTANEN (Dutch) see: EJ4200000
BUTANENITRILE see: ET8750000
n-BUTANENITRILE see: ET8750000

EK5425000 BUTANE, 1,1'-OXYBIS-
UPDT:8407 CAS: 142-96-1 MW: 130.26 MOLFM: C8-H18-O
SYN: 1-BUTOXYBUTANE * BUTYL ETHER * n-BUTYL ETHER * BUTYL ETHER (DOT) * DI-n-BUTYL ETHER * n-DIBUTYL ETHER * DIBUTYL OXIDE * ETHER BUTYLIQUE (French) * 1,1'-OXYBIS(BUTANE) * UN 1149 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn: 200 ppm/15M JIHTAB 28,262,46
skn-rbt 380 mg open MLD UCDS** 7/8,7,1
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
2D07D25 ihl-hmn: TCLo:200 ppm JIHTAB 28,262,46
* orl-rat LD50:7400 mg/kg AMIHBC 10,61,54
* ihl-rat LCLo:4000 ppm/4H AMIHBC 10,61,54
* skn-rbt LD50:10 gm/kg AMIHBC 10,61,54
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTANE, 2,2'-OXYBIS- (9CI) see: EQ2220000
BUTANE, 1,1'-(OXYBIS(2,1-ETHANEDIYLOXY))BIS- see: KN0350000
BUTANE, 1,1'-OXYBIS(1,1,2,2,3,3,4,4,4-NONAFLUORO- see: KN3500000
BUTANESULFONE see: RP4300000
BUTANE SULTONE see: RP4300000
delta-BUTANE SULTONE see: RP4300000
gamma-BUTANE SULTONE see: RP5490000
1,3-BUTANESULTONE see: RP5490000
1,4-BUTANESULTONE see: RP4300000

EK6125000 5H,6H-6,5a,13a,14-(1,2,3,4)BUTANETETRAYLCYCLOCCTA(1,2-b:5,6-b')DINAPHTHALENE- 5,8,13,16(14H)-TETRONE, 1,4,7,9,12,15,17,20-OCTAHYDROXY-3,11-DIMETHYL-
UPDT:8411 CAS: 21884-44-6 MW: 574.52 MOLFM: C30-H22-O12
SYN: 8,8-DIHYDROXY-RUGULOSIN * FLAVOMYCELIN * LUTEOSKYRIN * 1,1-LUTEOSKYRIN
MUTATION DATA AND REFERENCES:
pic-esc 500 ng/plate CNREAB 43,2819,83
mrc-bcs 100 ug/disc CNREAB 36,445,76
mmo-smc 10 umol/L CPBTAL 22,2258,74
cyt-hmn:leu 1 mg/L HUMAA7 7,344,69
dns-mus:ivr 10 umol/L CNREAB 44,2918,84
dni-mus:ast 1 mg/L ECREAL 57,19,69
cyt-mus:ast 1 mg/L ECREAL 57,19,69
TUMORIGENIC DATA AND REFERENCES:
3V02L60P61 orl-mus TDLo:1356 mg/kg/32W-C FCTXAV 10,193,72
TOXICITY DATA AND REFERENCES:
orl-mus LD50:220 mg/kg ALLVAR 50,77,62
ipr-mus LD50:41 mg/kg JJEMAG 41,177,71
scu-mus LD50:146 mg/kg JJEMAG 42,91,72
3L02L03L14 ivn-mus LD50:6650 ug/kg FCTXAV 10,193,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 26,225,74; LLOYA2 38(1),21,75; ARMIAZ 26,279,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,163,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,2,3,4-BUTANETETROL see: KF2000000
BUTANETHIOL see: EK6300000

EK6300000 n-BUTANETHIOL
UPDT:8404 CAS: 109-79-5 MW: 90.20 MOLFM: C4-H10-S
SYN: BUTANETHIOL * BUTYL MERCAPTAN * BUTYL MERCAPTAN (DOT) * NCI-C60866 * UN 2347 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 83 mg AIHAAP 19,171,58
TOXICITY DATA AND REFERENCES:
3J26F07D17 ihl-rat LC50:4020 ppm/4H AIHAAP 19,171,58
3F07J25F24 orl-rat LD50:1500 mg/kg AIHAAP 19,171,58
3F07J25F24 ipr-rat LD50:399 mg/kg AIHAAP 19,171,58
3J26F07D17 ihl-mus LC50:2500 ppm/4H AIHAAP 19,171,58
REVIEW AND REFERENCES:
★ TLV-TWA 50C ppb DTLVS* 4,57,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ppm (SCP-W) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO n-ALKANE MONO THIOLS recm std-air:CL 0.5 ppm/15M NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S350*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

EK6580000 1-BUTANETHIOL, TIN(2+) SALT
UPDT:7901 CAS: 36169-16-1 MW: 149.54 MOLFM: C4-H10-S-1/2Sn
SYN: ESTABEX S
TOXICITY DATA AND REFERENCES:
orl-mus LD50:690 mg/kg ERNFA7 11,424,66
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
1,2,4-BUTANETRICARBOXYLIC ACID, TRI(2-ETHYLHEXYL) ESTER see: EK6600000

EK6600000 1,2,4-BUTANETRICARBOXYLIC ACID, TRIS(2-ETHYLHEXYL) ESTER
UPDT:8307 CAS: 10043-16-0 MW: 526.89 MOLFM: C31-H58-O6
SYN: 1,2,4-BUTANETRICARBOXYLIC ACID, TRI(2-ETHYLHEXYL) ESTER
TOXICITY DATA AND REFERENCES:
* skn-rbt LD50:20 gm/kg AIHAAP 23,95,62

EK7175000 BUTANE, 1,1,3-TRIMETHOXY-
UPDT:8407 CAS: 10138-89-3 MW: 148.23 MOLFM: C7-H16-O3
SYN: 1,1,3-TRIMETHOXYBUTANE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1480 mg/kg AMIHBC 10,61,54
* ihl-rat LCLo:2000 ppm/4H AMIHBC 10,61,54

EK7176000 1,2,4-BUTANETRIOL
UPDT:8406 CAS: 3068-00-6 MW: 106.14 MOLFM: C4-H10-O3
SYN: 1,2,4-BUTANETRIOL * 2-DEOXYERYTHRITOL * 1,2,4-TRIHYDROXYBUTANE * TRIOL 124
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:23 gm/kg AIPTAK 93,152,53
1,3,4-BUTANETRIOL see: EK7176000

EK7180000 1,2,3-BUTANETRIOL, TRINITRATE
UPDT:8308 MW: 241.14 MOLFM: C4-H7-N3-O9
SYN: alpha-METHYLGLYCEROL TRINITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

EK7181000 1,2,4-BUTANETRIOL, TRINITRATE
UPDT:8308 MW: 241.14 MOLFM: C4-H7-N3-O9
SYN: 1,2,4-BUTANETRIOL TRINITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
1,2,4-BUTANETRIOL TRINITRATE (DOT) see: EK7181000
BUTANEX see: AE1200000
BUTANI (Italian) see: EJ4200000
BUTANIC ACID see: ES5425000
BUTANILICAIN HYDROCHLORIDE see: AD9822000

EK7385000 BUTANIMIDAMIDE, N,3-DIHYDROXY-4-(1-NAPHTHALENYLOXY)-, HYDROCHLORIDE
UPDT:8411 MW: 296.78 MOLFM: C14-H16-N2-O3-Cl-H
TOXICITY DATA AND REFERENCES:
2G08G30 orl-hmn TDLo:80 mg/kg TOERD9 4,163,82
1G30 orl-chd TDLo:100 mg/kg TOERD9 4,163,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EK7390000 BUTANIMIDAMIDE, N,N-DIMETHYL-3-HYDROXY-4-(1-NAPHTHALENYLOXY)-, MONOHYDROCHLORIDE
UPDT:8411 CAS: 35991-94-7 MW: 308.84 MOLFM: C16-H20-N2-O2-Cl-H
TOXICITY DATA AND REFERENCES:
2J26M14 ivn-mus LD50:25 mg/kg GWXXBX #2132113

EK7395000 BUTANIMIDAMIDE, 3-HYDROXY-4-(1-NAPHTHALENYLOXY)-, MONOHYDROCHLORIDE
UPDT:8411 CAS: 35991-90-3 MW: 280.78 MOLFM: C14-H16-N2-O2-Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:27500 ug/kg GWXXBX #2132113
BUTANIMIDE see: WN2200000
BUTANOIC ACID see: ES5425000
BUTANOIC ACID, 2-((2-(3-(ACETYLAMINO)-2,4,6-TRIIODOPHENOXY)ETHOXY)METHYL)- see: ES5615000
BUTANOIC ACID, 2-ACETYL-3-OXO-, METHYL ESTER (9CI) see: AK4900000
BUTANOIC ACID, 4-((3-AMINO-2,4,6-TRIIODOPHENYL)ETHYLAMINO)-4-OXO- see: WM4220000
BUTANOIC ACID, 4-((3-AMINO-2,4,6-TRIIODOPHENYL)METHYLAMINO)-4-OXO- (9CI) see: WM4240000
BUTANOIC ACID, 4-((3-AMINO-2,4,6-TRIIODOPHENYL)PROPYLAMINO)-4-OXO- (9CI) see: WM4260000
BUTANOIC ACID, ANHYDRIDE (9CI) see: ET7090000
BUTANOIC ACID, 4-(BENZOYLAMINO)- (9CI) see: ES7345000
BUTANOIC ACID, 4-(BIS(2-CHLOROETHYL)AMINO)BENZENE- see: ES7525000
BUTANOIC ACID, 2-BUTOXY-1-METHYL-2-OXOETHYL ESTER (9CI) see: ES8123000
BUTANOIC ACID, 3-CHLORO- see: ES8137500
BUTANOIC ACID, 4-((4-CHLOROBENZOYL)(4-METHOXYPHENYL)AMINO)- (9CI) see: ES8352000
BUTYRICACID, 4-(p-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDO)-
BUTANOIC ACID, 2-CHLORO-3-HYDROXY-3-(DIMETHOXYPHOSPHINYL)-, METHYL ESTER see: ES8350000
BUTANOIC ACID, 4-(4-CHLORO-2-METHYLPHENOXY)- see: ES8575000
BUTANOIC ACID, 4-(4-CHLORO-2-METHYLPHENOXY)-, SODIUM SALT see: ES8750000

EK7750000 BUTANOIC ACID, 2-CHLORO-, 2-(1-METHYLPROPYL)-4,6-DINITROPHENYL ESTER
UPDT:8309 CAS: 2183-38-2 MW: 344.78 MOLFM: C14-H17-Cl-N2-O6
SYN: EN° 27,215 * 2-(1-METHYLPROPYL)-4,6-DINITROPHENYL 2-CHLOROBUTANOATE * TH 113 M * THOMPSON HAYWARD T-H 113-M
TOXICITY DATA AND REFERENCES:
orl-mus LD50:108 mg/kg ARSIM* 20,25,66

BEST COPY AVAILABLE

EK7770000 BUTANOIC ACID, 4,4'-((4,4'-DIAMINO-(1,1'-BIPHENYL)-3,3'-DIYL)BIS(OXY))BIS-, DIHYDROCHLORIDE
UPDT:8401 MW: 461.38 MOLFM: C20-H24-N2-O6 2Cl-H
SYN: DICARBOXIDINE HYDROCHLORIDE * HYDROCHLORIC ACID, DICARBOXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:19 gm/kg/2Y-I VOONAW 25(7),43.79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTANOIC ACID, 2,3-DIBROMO-3-((DIMETHOXYPHOSPHINYL)OXY)-, (4-NITROPHENYL)METHYL ESTER see: ES9010000
BUTANOIC ACID, 4-(DIETHOXYMETHYLSILYL)-, ETHYL ESTER see: VV3597500
EK7785000 BUTANOIC ACID, 2-((DIETHOXYPHOSPHINYL)OXY)-3-OXO-, ETHYL ESTER
UPDT:8309 CAS: 3730-54-9 MW: 282.26 MOLFM: C10-H19-O7-P
SYN: ENT 25,623 * ETHYL 2-(DIETHOXYPHOSPHINYL)-3-OXOBUTANOATE * SD 2580 * SHELL SD-2580
TOXICITY DATA AND REFERENCES:
orl-rat LD50:176 mg/kg ARSIM* 20,18,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTANOIC ACID, 4-(DIETHYLAMINO)-4-OXO- (9CI) see: WM3435000
EK7788000 BUTANOIC ACID, 2,3-DIHYDROXY-2-(1-METHYLETHYL)-, (HEXAHYDRO-1H-PYRROLIZIN-1-YL)METHYL ESTER, HYDROCHLORIDE, (1R-(1-alpha(2S*,3S*),7a-beta))-
UPDT:8402 CAS: 40138-94-9 MW: 321.89 MOLFM: C15-H27-N-O4 Cl-H
SYN: CYNAUSTRALINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:360 mg/kg FRBGAT 9,142,68
EK7791000 BUTANOIC ACID, 2,3-DIHYDROXY-2-(1-METHYLETHYL)-, (2,3,5,7a-TETRAHYDRO-1-HYDROXY-1H- PYRROLIZIN-7-YL)METHYL ESTER, HYDROCHLORIDE, (1S-(1-alpha,7(2R*,3R*),7a-alpha))-
UPDT:8412 MW: 335.87 MOLFM: C15-H25-N-O5 Cl-H
SYN: ECHINATINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:350 mg/kg FRBGAT 9,142,68
EK7792000 BUTANOIC ACID, 2,3-DIHYDROXY-2-(1-METHYLETHYL)-, (2,3,5,7a-TETRAHYDRO-1H-PYRROLIZIN-7-YL) METHYL ESTER, HYDROCHLORIDE, (7aR-(7(2S*,3S*),7aR*))-
UPDT:8402 CAS: 17958-39-3 MW: 319.87 MOLFM: C15-H25-N-O4 Cl-H
SYN: CYNAUSTINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:260 mg/kg FRBGAT 9,142,68
EK7793000 BUTANOIC ACID, 2,3-DIHYDROXY-2-(1-METHYLETHYL)-, (2,3,5,7a-TETRAHYDRO-1H-PYRROLIZIN-7-YL) METHYL ESTER, HYDROCHLORIDE, (7aS-(7(2R*,3S*),7aR*))-
UPDT:8412 MW: 319.87 MOLFM: C15-H25-N-O4 Cl-H
SYN: SUPINIME HYDROCHLORIDE * SUPININ HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:450 mg/kg FRBGAT 9,142,68
EK7795000 BUTANOIC ACID, 2,3-DIHYDROXY-2-(1-METHYLETHYL)-, (2,3,5,7a-TETRAHYDRO-1-HYDROXY-1H- PYRROLIZIN-7-YL)METHYL ESTER, N-OXIDE, (1R-(1-alpha,7(2R*,3S),7-a lpha,beta))-
UPDT:8305 CAS: 41708-76-3 MW: 335.41 MOLFM: C15-H25-N-O6
SYN: INDI * INDICINE N-OXIDE * NSC 132319
TOXICITY DATA AND REFERENCES:
ivn-dog LD50:1200 mg/kg DRFUD4 7,633,82
EK7820000 BUTANOIC ACID, 3,7-DIMETHYLOCTYL ESTER
UPDT:8302 CAS: 67874-80-0 MW: 228.42 MOLFM: C14-H28-O2
SYN: 3,7 DIMETHYLOCTANYL BUTRATE * TETRAHYDROGERANYL BUTYRATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 18,675,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BUTANOIC ACID, 1,1-DIMETHYLPROPYL ESTER (9CI) see: ET5950700
EK7842000 BUTANOIC ACID, 4-((5-(1,2-DITHIOLAN-3-YL)-1-OXOPENTYL)AMINO)-
UPDT:8412 CAS: 10547-52-3
TOXICITY DATA AND REFERENCES:
orl-mus LD50:3860 mg/kg YKKZAJ 85,463,65
ipr-mus LD50:891 mg/kg YKKZAJ 85,463,65
scu-mus LD50:832 mg/kg YKKZAJ 85,463,65
ivn-mus LD50:889 mg/kg YKKZAJ 85,463,65
BUTANOIC ACID, 4-((3-ETHOXY-2,4,6-TRIIODOPHENYL)ETHYLAMINO)-4-OXO- (9CI) see: WM4400000
BUTANOIC ACID, 4-((3-ETHOXY-2,4,6-TRIIODOPHENYL)METHYLAMINO)-4-OXO- (9CI) see: WM4420000
BUTANOIC ACID, 4-((3-ETHOXY-2,4,6-TRIIODOPHENYL)PROPYLAMINO)-4-OXO- (9CI) see: WM4440000
BUTANOIC ACID ETHYL ESTER see: ET1660000
BUTANOIC ACID, 4-(ETHYL(2,4,6-TRIIODO-3-METHOXYPHENYL)AMINO)-4-OXO- (9CI) see: WM4500000
EK7875000 BUTANOIC ACID, HEPTAFLUORO-, SILVER SALT
UPDT:7908 CAS: 3794-64-7 MW: 320.91 MOLFM: C4-F7-O2-Ag
SYN: HEPTAFLUORMASLNAN STRIBRNY (Czech)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,8,72
eye-rbt 5 mg/24H SEV 28ZPAK -,8,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2140 mg/kg 28ZPAK -,8,72
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Ag)/m3 DTLVS* 4,367,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 10 ug(Ag)/m3 (SCP-N) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EK7879000 BUTANOIC ACID, 2-HYDROXY-2-(1-METHOXYETHYL)-3-METHYL-, (2,3,5,7a-TETRAHYDRO-1-HYDROXY-1H- PYRROLIZIN-7-YL)METHYL ESTER, HYDROCHLORIDE, (1S-(1-alpha-7(2R*,3S*),7a-alpha))-,
UPDT:8412 MW: 349.90 MOLFM: C16-H27-N-O5 Cl-H
SYN: HELIOTRINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:300 mg/kg FRBGAT 9,142,68
EK7979100 BUTANOIC ACID, 2-HYDROXY-2-(1-METHOXYETHYL)-3-METHYL-, (2,3,5,7a-TETRAHYDRO-1-HYDROXY-1H- PYRROLIZIN-7-YL)METHYL ESTER, 4-OXIDE, HYDROCHLORIDE, (1S-(1-alpha,7(2R*,3S*)7a-alpha))-
UPDT:8402 CAS: 6209-65-0 MW: 365.90 MOLFM: C16-H27-N-O6 Cl-H
SYN: HELIOTRINE OXIDE HYDROCHLORIDE * HELIOTRINE N-OXIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:5000 mg/kg FRBGAT 9,142,68
EK7879200 BUTANOIC ACID, 2-HYDROXY-2-(1-METHOXYETHYL)-3-METHYL-, (2,3,5,7a-TETRAHYDRO-1H-PYRROLIZIN- 7-YL)METHYL ESTER, HYDROCHLORIDE, (7aS-7(2S*,3S*),7aR*))-
UPDT:8402 CAS: 488-00-6 MW: 333.90 MOLFM: C16-H27-N-O4 Cl-H
SYN: HELIEURINE HYDROCHLORIDE * Otsup 3) METHYLSUPINIDINE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:140 mg/kg FRBGAT 9,142,68
BUTANOIC ACID, 3-METHOXY- see: ET5250000
EK7902000 BUTANOIC ACID, 3-METHYL-, 4-((ACETYLOXY)METHYL)-6,7a-DIHYDROSPIRO(CYCLOPENTA(c)PYRAN- 7(1H),2'-OXIRANE)-1,6-DIYL ESTER, (1S-(1-alpha,6-alpha,7-beta,7a-alpha))-
UPDT:8312 CAS: 18296-44-1 MW: 422.52 MOLFM: C22-H30-O8
SYN: BALDRISEDOM * HALAZUCHROME B * VALEPOTRIATE * VALTRATE * VALTRATS (German) * VALTRATUM
TOXICITY DATA AND REFERENCES:
1F17 ipr-mus LD50:64 mg/kg ARPMAS 315,691,82
EK7902200 BUTANOIC ACID, 3-METHYL-, 4-((ACETYLOXY)METHYL)-7-FORMYL-1,3,4,7a-TETRAHYDRO- 1-HYDROXYCYCLOPENTA(c)PYRAN-4-YL ESTER
UPDT:8312 CAS: 71013-41-7 MW: 338.39 MOLFM: C17-H22-O7
SYN: VALTROXAL
TOXICITY DATA AND REFERENCES:
1F25 ipr-mus LD50:83 mg/kg ARPMAS 315,691,82
BUTANOIC ACID, 3-METHYL-, BUTYL ESTER see: NY1502000
BUTANOIC ACID, 1-METHYLBUTYL ESTER (9CI) see: ET5956100
BUTANOIC ACID, 2-METHYLBUTYL ESTER (9CI) see: ET5485000
BUTANOIC ACID, 3-METHYLBUTYL ESTER (9CI) see: ET5034000
BUTANOIC ACID, 1-METHYLETHYL ESTER see: ET5036000
BUTANOIC ACID, 3-METHYL-, ETHYL ESTER see: NY1504000
EK7907000 BUTANOIC ACID, 2-METHYL-, 1,2,3,7,8,8a-HEXAHYDRO-3,7-DIMETHYL-8-(2-(TETRAHYDRO-4-HYDROXY- 6-OXO-2H-PYRAN-2-YL)ETHYL)-1-NAPHTHALENYL ESTER, (1S-(1-alpha-(R*),3-alpha,7-beta, 8-beta-(2S*,4S*),8a-beta))-
UPDT:8405 CAS: 75330-75-5 MW: 404.60 MOLFM: C24-H36-O5
SYN: MEVINOLIN * MSD 803
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T45T46 orl-rat TDLo:9600 mg/kg (6-17D preg) TJADAB 28,449,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTANOIC ACID, 3-METHYL-, METHYL ESTER (9CI) see: NY1510000
BUTANOIC ACID, 3-METHYL-, 5-METHYL-2-(1-METHYLETHYL)CYCLOHEXYL ESTER (9CI) see: 010720000
BUTANOIC ACID, 3-METHYL-, 2-METHYLPROPYL ESTER (9CI) see: NY1506000
BUTANOIC ACID, 3-METHYL-, PHENYLETHYL ESTER see: NY1415000
BUTANOIC ACID, 4-(METHYL(2,4,6-TRIIODOPHENYL)AMINO)-4-OXO- see: WM4751000
BUTANOIC ACID, 4-(METHYL(2,4,6-TRIIODO-3-PROPOXYPHENYL)AMINO)-4-OXO- see: WM4750500
BUTANOIC ACID, 4-OXO- (9CI) see: WM3380000
EK7943000 BUTANOIC ACID, 3-OXO-, 2-(ACETYLOXY)ETHYL ESTER
UPDT:8308 CAS: 34590-18-0 MW: 188.20 MOLFM: C8-H12-O5
SYN: ACETOACETIC ACID, 2-ACETOXYETHYL ESTER * 2-ACETOXYETHYL ACETOACETATE * 2-ACETOXYETHYL ACETYLACETATE * 3-OXOBUTANOIC ACID 2-(ACETYLOXY)ETHYL ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:11300 mg/kg TXAPA9 28,313,74
BUTANOIC ACID, 3-OXO-, BUTYL ESTER see: AK5100000
BUTANOIC ACID, 3-OXO-, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E)- (9CI) see: AK5225000
BUTANOIC ACID, 3-OXO-, ETHYL ESTER see: AK5250000
BUTANOIC ACID, 3-OXO-, METHYL ESTER (9CI) see: AK5775000
EK8150000 BUTANOIC ACID, 3-OXO-, 5-METHYL-2-(1-METHYLETHYL)CYCLONEXYL ESTER, (1R-(1-alpha,2-beta, 5-alpha))-
UPDT:8305 CAS: 59457-05-0 MW: 240.38 MOLFM: C14-H24-O3
SYN: MENTHOL ACETOACETATE * MENTHYL ACETOACETATE * (-)-MENTHYL ACETOACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),733,82
BUTANOIC ACID, 3-OXO- 2-, 1-OXO-2 PROPENYL)OXY)ETHYL ESTER (9CI) see: AK5600000
BUTANOIC ACID, 4-OXO-4-(PROPYL(2,4,6-TRIIODO-3-METHOXYPHENYL)AMINO)- (9CI) see: WM4750200
BUTANOIC ACID, 4-OXO-4-(PROPYL(2,4,6-TRIIODO-3-PROPOXYPHENYL)AMINO)- (9CI) see: WM4762000
BUTANOIC ACID PENTYL ESTER see: ET5956000
BUTANOIC ACID, 4-(((PHENYLAMINO)THIOXOMETHYL)AMINO)- (9CI) see: ET6090000
BUTANOIC ACID, 4-(((PHENYLMETHOXY)CARBONYL)AMINO)- (9CI) see: ES8137200
BUTANOIC ACID, 1,2,3-PROPANETRIYL ESTER see: ET7350000
BUTANOIC ACID, SODIUM SALT (9CI) see: ET6400000
BUTANOIC ACID, 2,2,2-TRICHLORO-1-(DIMETHOXYPHOSPHINYL)ETHYL ESTE R see: ET0175000
BUTANOIC ACID, 2-((2,4,6-TRIIODO-3-(((1-OXOBUTYL)AMINO)PHENYL)METHYLENE)-, MONOSODIUM SALT see: GD8430000
BUTANOIC ACID, 2-(2,4,6-TRIIODOPHENOXY)- see: ET6750000
BUTANOIC ANHYDRIDE see: ET7090000
BUTANOL (French) see: EO1400000
BUTANOL-2 see: EO1750000
BUTAN-1-OL see: EO1400000
BUTAN-2-OL see: EO1750000
n-BUTANOL see: EO1400000
sec-BUTANOL see: EO1750000
-BUTANOL see: EO1925000
I-BUTANOL see: EO1400000
2-BUTANOL see: EO1750000
3-BUTANOLAL see: ES3150000
EK9300000 1-BUTANOL, 4-(ALLYLNITROSAMINO)-
UPDT:8403 MW: 158.23 MOLFM: C7-H14-N2-O2
SYN: 4-(ALLYLNITROSAMINO)-1-BUTANOL * 4-HYDROXYBUTYL(2-PROPENYL)NITROSAMINE
TUMORIGENIC DATA AND REFERENCES:
3V01K61D60 scu-ham TDLo:22500 mg/kg/75W-I CDPRD4 4,79,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTANOL-2-AMINE see: EK9625000
EK9625000 1-BUTANOL, 2-AMINO-
UPDT:8403 CAS: 96-20-8 MW: 89.16 MOLFM: C4-H11-N-O
SYN: 2-AMINOBUTAN-1-OL * 2-AMINO-1-BUTANOL * 2-AMINO-n-BUTYL ALCOHOL * BUTANOL-2-AMINE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:2300 mg/kg 20PKA3 -,,67
ipr-mus LDLo:250 mg/kg CBCCT* 5,338,53
ivn-mus LD50:316 mg/kg CSLNX* NX#00056
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
1-BUTANOL, 2-AMINO-1-PHENYL- see: DN7870000
EL0640000 1-BUTANOL, 1,2-BIS(p-METHOXYPHENYL)-1-(p-(2-(DIMETHYLAMINO)ETHOXY)PHENYL)-, HYDROCHLORIDE
UPDT:8403 MW: 486.10 MOLFM: C28-H35-N-O4 Cl-H
SYN: 1,2-BIS(p-METHOXYPHENYL)-1-(p-(2-(DIMETHYLAMINO)ETHOXY)PHENYL)-1-BUTANOL HYDROCHLORIDE * 1,2-BIS(p-METHOXYPHENYL)-1-(p-(2-N,N-DIMETHYLAMINO)ETHOXY)PHENYL)BUTAN-1-OL HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:960 ug/kg (1-3D preg) JMCMAR 14,952,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

EL0660000 1-BUTANOL, 1,2-BIS(p-METHOXYPHENYL)-1-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-

UPDT 8403 CAS: 25263-94-6 MW: 471.66 MOLFM: C30 H37 N O4

SYN: 1,2-BIS(p-METHOXYPHENYL)-1-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-1-BUTANOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1122 scu-mus TDLo:6 mg/kg (1-3D preg) JMCMAR 14,952,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUTANOL (4)-BUTYL-NITROSAMINE see: EL1225000

EL1225000 1-BUTANOL, 4-(BUTYLNITROSOAMINO)-

UPDT 8412 CAS: 3817-11-6 MW: 174.28 MOLFM: C8 H18 N2 O2

SYN: BBN * BnBN * BUTANOL (4)-BUTYL NITROSAMINE * BUTYL BUTANOL-(4) NITROSAMIN (German) * BUTYL BUTANOL-NITROSAMINE * N-BUTYL N-(4-HYDROXYBUTYL)NITROSAMINE * 4-BUTYL (4-HYDROXYBUTYL)NITROSAMINE * 4-BUTYLNITROSAMINO-1-BUTANOL * 4-(N-BUTYLNITROSAMINO)-1-BUTANOL * DIBUTYLAMINE, 4-HYDROXY N-NITROSO- * HBBN * 4-HYDROXYBUTYLBUTYLNITROSAMINE * NBHA * N-NITROSO-4-BUTYL (4-HYDROXYBUTYL)AMINE * OH BBN

MUTATION DATA AND REFERENCES:

mma-sat 100 ug/plate		MUREAV 56,219.78
mma-sat 10 umol/plate		MUREAV 140,147.84
sce-rat/lvc 1500 umol/L		MUREAV 93,409.82
sce-rat/ath 1500 umol/L		MUREAV 93,409.82
cyt-ham/fbr 1200 mg/L/48H		MUREAV 48,337.77
cyt-ham/lng 900 mg/L/27H		MUREAV 66,277.79

TUMORIGENIC DATA AND REFERENCES:

3V01M61V08	orl-rat TDLo:360 mg/kg/6W-C	GANNA2 71,138.80
2V01M60	orl-mus TDLo:800 mg/kg/10W-I	CRNGDP 2,251.81
3V01M60P05	orl-dog TDLo:10 gm/kg/2Y-C	CNREA8 41,1958.81
3V02765N60	scu-ham TDLo:100 mg/kg (14D preg)	ZEKOJW 90,119.77
3V01K61M60	scu-ham TDLo:22500 mg/kg/75W-I	CDRRD4 4,79.81
2V01M60	orl-mus TD :2400 mg/kg/8W-I	CRNGDP 3,1473.82
2V01M60	orl-rat TD :1348 mg/kg/8W-C	BJCAAI 45,474.82
2V01M60	orl-rat TD :280 mg/kg/4W-C	CRNGDP 4,895.83
2V01M60	orl-rat TD :1400 mg/kg/8W-C	NASDA6 33,1.82
2V01M60	orl-rat TD :3320 mg/kg/12W-C	CRNGDP 4,617.83
2V01M60	orl-mus TD :3600 mg/kg/9W-I	CNREA8 41,927.81
2V01M60	orl-rat TD :12 gm/kg/43W-C	ARPTAF 41,23,79
2V01M60	orl-mus TD :1200 mg/kg/10W-I	CRNGDP 2,251.81
2V01M60	orl-rat TD :2800 mg/kg/8W-C	GTKRDX 9,473.82
2V01M60	orl-rat TD :2100 mg/kg/6W-C	URLRA5 3,73.75

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1800 mg/kg	XENOBM 3,271,73
2H30P01	scu-ham LD50:3 gm/kg	CALEDQ 1,15,75

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: GANMAX 17,161,75; ADCSAJ 13,271,70; NUCADQ 3,109,81; BLFSBY 24,253,83

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 17,51,78

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL1250000 1-BUTANOL, 1-(BUTYLNITROSOAMINO)-, ACETATE (ester)

UPDT 8405 CAS: 56986-33-7 MW: 216.32 MOLFM: C10 H20 N2 O3

SYN: ACETIC ACID, 1-(BUTYLNITROSOAMINO)-BUTYL ESTER * BABN * N-BUTYL N-(1-ACETOXYBUTYL)NITROSAMINE * 1-(BUTYLNITROSOAMINO)BUTYL ACETATE

MUTATION DATA AND REFERENCES:

mma-sat 50 nmol/plate		CNREA8 40,162,80
mma-esc 500 nmol/plate		CNREA8 40,162,80
dnr-bas 500 nmol/plate		CNREA8 40,162,80
cyt-ham/lng 32 mg/L		GMCRDC 27,95,81

TUMORIGENIC DATA AND REFERENCES:

3V01J60V10	scu-rat TDLo:82 mg/kg/10W-I	IAFUDO 41,619,82
3V03J60V10	scu-rat TD :70500 ug/kg/10W-I	GANNA2 76,687,82

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL1325000 1-BUTANOL, 4-CHLORO-

UPDT 8403 CAS: 926-11-8 MW: 108.58 MOLFM: C4 H9 Cl O

SYN: 4-CHLORO-1-BUTANE GL * 4-CHLOROBUTANOL * 4-CHORO-1-BUTANOL * TETRAMETHYLENE CHLOROHYDRIN

MUTATION DATA AND REFERENCES:

mma-sat 20 umol/plate		MUREAV 90,91,81

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ipr-mus TDLo:3650 mg/kg/8W-I	CNREA8 39,391,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL1505000 1-BUTANOL, 4-(p-CHLOROPHENYL)THIO-

UPDT 8310 MW: 204.72 MOLFM: C10 H13 Cl O S

SYN: 4-(p-CHLOROPHENYLTHIO)-1-BUTANOL * 4-(p-CHLORPHENYLTHIO)-BUTANOL (German) * W 2719

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1110*	orl-rat TDLo:6 gm/kg (30D male)	ARZNAD 29,1141,79
2102103	orl-rat TDLo:18200 mg/kg (91D male)	ARZNAD 29,1,"2,79

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:885 mg/kg	ARZNAD 29,1141,79
	orl-mus LD50:1145 mg/kg	ARZNAD 29,1141,79
	ipr-mus LD50:680 mg/kg	ARZNAD 29,1141,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL1510000 2-BUTANOL, 4-(CYCLOHEXYLAMINO)-1-(1-NAPHTHYLOXY)-

UPDT 8306 CAS: 17281-35-3 MW: 313.48 MOLFM: C20 H27 N O2

SYN: CINNOXIN 103 * 4-(CYCLOHEXYLAMINO)-1-(NAPHTHALENYLOXY)-2-BUTANOL * TF 797

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:178 mg/kg	DRFUD4 4,12,79
	ivn-mus LD50:50 mg/kg	DRFUD4 4,12,79

EL2350000 2-BUTANOL, 1-(DIMETHYLAMINO)-2-((DIMETHYLAMINO)METHYL)-, BENZOATE, (ester)

UPDT 8403 CAS: 962-07-1 MW: 278.44 MOLFM: C16 H26 N2 O2

SYN: ALYPIN * ALYPINE * AMYDICAINE * BENZOPROPYL * 1-(DIMETHYLAMINO)-2-((DIMETHYLAMINO)METHYL)-2-BUTANOL BENZOATE * DIMETHYLAMINOSTOLAINE * 2-ETHYL-1,3-BIS(DIMETHYLAMINO)-2-PROPANOL BENZOATE

TOXICITY DATA AND REFERENCES:

	scu-rat LDLo:200 mg/kg	PHREA7 12,190,32
	ivn-rat LDLo:10 mg/kg	PHREA7 12,190,32
	scu-mus LDLo:260 mg/kg	PHREA7 12,190,32
	scu-dog LDLo:70 mg/kg	PHREA7 12,190,32
	scu-cat LDLo:60 mg/kg	PHREA7 12,190,32
	ivn-cat LDLo:10 mg/kg	PHREA7 12,190,32
	scu-rbt LDLo:90 mg/kg	PHREA7 12,190,32
	ivn-rbt LDLo:10 mg/kg	PHREA7 12,190,32
	ipr-gpg LDLo:100 mg/kg	PHREA7 12,190,32
	scu-gpg LDLo:72 mg/kg	PHREA7 12,190,32
	ivn-gpg LDLo:15 mg/kg	PHREA7 12,190,32
	scu-frg LDLo:200 mg/kg	PHREA7 12,190,32

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PHREA7 12,190,32

EL2380000 2-BUTANOL, 1-(DIMETHYLAMINO)-2-((DIMETHYLAMINO)METHYL)-, BENZOATE, HYDROCHLORIDE

UPDT 8405 CAS: 631-38-9 MW: 314.90 MOLFM: C16 H26 N2 O2 · Cl H

SYN: AMYDICAINE HYDROCHLORIDE * 2-BENZOATE 2-((DIMETHYLAMINO)METHYL)-1-(DIMETHYLAMINO)BUTANE

TOXICITY DATA AND REFERENCES:

*	scu-dog LDLo:70 mg/kg	BSESA3 9,81,76

EL2580000 2-BUTANOL, 4-(DIMETHYLAMINO)-3-METHYL-, p-AMINOBENZOATE (ester)

UPDT 8306 CAS: 891-33-8 MW: 370.39 MOLFM: C14 H22 N2 O2

SYN: 2-BUTANOL, 4-(DIMETHYLAMINO)-3-METHYL-, 4-AMINOBENZOATE (ester) (9CI) * 4-(DIMETHYLAMINO)-3-METHYL-2-BUTANOL p-AMINOBENZOATE (ester) * TUTOCAINE

TOXICITY DATA AND REFERENCES:

*	scu-mus LDLo:350 mg/kg	PHREA7 12,190,32
*	ivn-mus LDLo:50 mg/kg	PHREA7 12,190,32
*	ivn-dog LDLo:15 mg/kg	PHREA7 12,190,32
*	scu-rbt LDLo:200 mg/kg	PHREA7 12,190,32
*	ivn-rbt LDLo:15 mg/kg	PHREA7 12,190,32
*	ipr-gpg LDLo:250 mg/kg	PHREA7 12,190,32
*	scu-gpg LDLo:193 mg/kg	PHREA7 12,190,32
*	ivn-gpg LDLo:30 mg/kg	PHREA7 12,190,32

2-BUTANOL, 4-(DIMETHYLAMINO)-3-METHYL-, 4-AMINOBENZOATE (ester) (9CI) see: EL2580000

EL2625000 2-BUTANOL, 4-(DIMETHYLAMINO)-3-METHYL-, p-AMINOBENZOATE, MONOHYDROCHLORIDE

UPDT 8403 CAS: 532-62-7 MW: 286.84 MOLFM: C14 H22 N2 O2 · Cl H

SYN: p-AMINOBENZOIC ACID 3-(DIMETHYLAMINO)-1,2-DIMETHYLPROPYL ESTER HYDROCHLORIDE * p-AMINOBENZOYL-DIMETHYLAMINO-1,2-DIMETHYLPROPANOL HYDROCHLORIDE * BUTAMIN * 3-DIMETHYLAMINO-1,3-DIMETHYLPROPYL p-AMINOBENZOATE HYDROCHLORIDE * 4-(DIMETHYLAMINO)-3-METHYL-2-BUTANOL 4-AMINOBENZOATE (ester) HYDROCHLORIDE * 3-DIMETHYL-1,2-DIMETHYLPROPYL p-AMINOBENZOATE HYDROCHLORIDE * TUTOCAINE HYDROCHLORIDE * TUTOCAINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	scu-mus LDLo:350 mg/kg	PHREA7 12,190,32
	ivn-mus LDLo:50 mg/kg	PHREA7 12,190,32
	ipr-dog LDLo:82 mg/kg	HBTXAC 1,308,55
	ivn-dog LDLo:15 mg/kg	PHREA7 12,190,32
	scu-rbt LDLo:200 mg/kg	PHREA7 12,190,32
	ivn-rbt LDLo:15 mg/kg	PHREA7 12,190,32
	ipr-rbt LDLo:16 mg/kg	JPETAB 57,221,36
	ipr-gpg LDLo:250 mg/kg	PHREA7 12,190,32
	scu-gpg LDLo:193 mg/kg	PHREA7 12,190,32
	ivn-gpg LDLo:30 mg/kg	PHREA7 12,190,32

EL2800000 2-BUTANOL, 1-(DIMETHYLAMINO)-2-METHYL-, BENZOATE (ESTER)

UPDT 8306 CAS: 644-26-8 MW: 235.36 MOLFM: C14 H21 N O2

SYN: AMYLENE * AMYLOCAINE * STOVAINE * STOVINE

TOXICITY DATA AND REFERENCES:

	ivn-rat LDLo:25 mg/kg	PHREA7 12,190,32
	ipr-mus LDLo:170 mg/kg	HBAMAK 4,1289,35
	scu-mus LDLo:170 mg/kg	HBAMAK 4,1289,35
	ipr-dog LDLo:100 mg/kg	HBAMAK 4,1289,35
	scu-dog LDLo:100 mg/kg	HBAMAK 4,1289,35
	ivn-cat LDLo:23 mg/kg	PHREA7 12,190,33
	ipr-rbt LDLo:150 mg/kg	HBAMAK 4,1289,35
	scu-rbt LDLo:178 mg/kg	PHREA7 12,190,32
	ivn-rbt LDLo:26 mg/kg	PHREA7 12,190,32
	ipr-gpg LDLo:180 mg/kg	HBAMAK 4,1289,35
	scu-gpg LDLo:210 mg/kg	PHREA7 12,190,32
*	ivn-gpg LDLo:10 mg/kg	PHREA7 12,190,32
	ipr-pgn LDLo:240 mg/kg	HBAMAK 4,1289,35

EL2850000 2-BUTANOL, 1-(DIMETHYLAMINO)-2-METHYL-, BENZOATE, HYDORHCLOIDE

UPDT 8405 CAS: 532-59-2 MW: 271.82 MOLFM: C14 H21 N O2 · Cl H

SYN: AMYLOCAINE HYDROCHLORIDE * 2-DIMETHYLAMINO-1-ETHYL-1-METHYLETHYL BENZOATE HYDROCHLORIDE * 1-DIMETHYLAMINO-2-METHYL-2-BUTANOL BENZOATE HYDROCHLORIDE * 1-(DIMETHYLAMINOMETHYL)-1-METHYLPROPYL BENZOATE HYDROCHLORIDE * METHYLETHYLDIMETHYLAMINOMETHYLCARBINOL BENZOYL ESTER HYDROCHLORIDE * STOVAINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LDLo:350 mg/kg	MEIEDD 10,89,83

EL2975000 2-BUTANOL, 4-(DIMETHYLAMINO)-3-METHYL-1,2-DIPHENYL-, PROPIONATE (ester)

UPDT 8310 CAS: 77-20-9 MW: 339.52 MOLFM: C23 H29 N O2

SYN: DARVON * alpha-4-DIMETHYLAMINO-1,2-DIPHENYL-3-METHYL-2-BUTANOL PROPIONATE * alpha-4-DIMETHYLAMINO-3-METHYL-1,2-DIPHENYL-2-BUTANOLPROPIONATE * 4-(DIMETHYLAMINO)-3-METHYL-1,2-DIPHENYL-2-BUTANOL PROPIONATE * 4-DIMETHYLAMINO-3-METHYL-1,2-DIPHENYL-2-PROPOXYBUTANE * alpha-N,N-DIMETHYL-3,4-DIPHENYL-2-METHYL-3-PROPIONOXY-1-BUTYLAMINE * 1,2-DIPHENYL-2-PROPIONOXY-3-METHYL-4-DIMETHYLAMINOBUTANE * LETUSIN * PROPIONIC ACID, alpha-(2-DIMETHYLAMINO-1-METHYL)-alpha-PHENYLPHENETHYL ESTER * PROPOXYPHENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1165	orl-rat TDLo:350 mg/kg (7-20D preg)	TJADAB 17,39A,78
1176	scu-rat TDLo:90 mg/kg (3D male)	PCBRD7 36,49,80

TOXICITY DATA AND REFERENCES:

	orl-ham LDLo:20 mg/kg	CTOXAO 10,327,77
	scu-mus LD50:204 mg/kg	JPETAB 200,245,77

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: KDYIA5 10,82,76; CICMAU 19,361,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL3000000 2-BUTANOL, 4-(DIMETHYLAMINO)-3-METHYL-1,2-DIPHENYL-, PROPIONATE (ester), HYDROCHLORIDE, (±)-

UPDT 8403 CAS: 1639-60-7 MW: 375.98 MOLFM: C23 H30 N O2 · Cl H

SYN: ALDAFAN * ANTALVIC * DARVON HYDROCHLORIDE * DEPRANCOL * DEPRONIC * DEVEGIN * DEXTROPROPOXYPHENE HYDROCHLORIDE * (±)-4-DIMETHYLAMINO-3-METHYL-1,2-DIPHENYL-2-BUTANOL PROPIONATE HYDROCHLORIDE * (±)-alpha-(2-DIMETHYLAMINO)-1-METHYLETHYL)-alpha-PHENYLBENZYLETHANOL PROPIONATE HYDROCHLORIDE * (±)-1,2-DIPHENYL-2-PROPIONOXY-3-METHYL-4-DIMETHYLAMINOBUTANE HYDROCHLORIDE * DOLENE * DOLOCAP * SOLODENE * DORAPHEN * ERANTIN * FEMADOL * HARMAR * PROPOX * PROPOXYCHEL * PROPOXYPHENE HYDROCHLORIDE * (-)-PROPOXYPHENE HYDROCHLORIDE * d-PROPOXYPHENE HYDROCHLORIDE * PROXAGESIC

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1185	orl-rat TDLo:1050 mg/kg (7-20D preg)	SCIEAS 205,1220,79
2141159	scu-ham TDLo:225 mg/kg (8D preg)	AJOGAH 123,705,75

TOXICITY DATA AND REFERENCES:

	orl-chd LDLo:70 mg/kg	JOPDAB 63,158,63
2F14J16	orl-mmn LDLo:39 mg/kg	AIMDAP 129,62,72
2F14J16	orl-man TDLo:11 mg/kg	AIMDAP 129,62,72
3F17P19J25	orl-chd TDLo:27 mg/kg	JOPDAB 63,158,63
	orl-rat LD50:84 mg/kg	JPETAB 134,332,61
	ipr-rat LD50:58 mg/kg	TXAPA9 19,445,71
	scu-rat LD50:134 mg/kg	TXAPA9 19,445,71
	ivn-rat LD50:15 mg/kg	TXAPA9 19,445,71

TOXICITY DATA HAVE NOT BEEN EVALUATED

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

ims-rat LD50:157 mg/kg TXAPA9 19,445,71
orl-mus LD50:84 mg/kg JPETAB 134,332,61
ipr-mus LD50:111 mg/kg TXAPA9 19,445,71
scu-mus LD50:170 mg/kg ARZNAD 28,164,78
ivn-mus LD50:25 mg/kg TXAPA9 6,334,64
orl-dog LDLo:100 mg/kg TXAPA9 19,445,71
ivn-dog LDLo:29 mg/kg TXAPA9 19,445,71
ims-dog LDLo:65 mg/kg TXAPA9 19,445,71
orl-rbt LDLo:82 mg/kg TXAPA9 19,445,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-BUTANOL, 4-(DIMETHYLAMINO)-3-METHYL-1,2-DIPHENYL-, PROPIONATE, 2-NAPHTALENESULFONATE see: QK1600000

EL3080000 2-BUTANOL, 4-(DIMETHYLAMINO)-3-METHYL-1,2-DIPHENYL-, PROPIONATE (ester), NAPSYLATE
UPDT:8305 CAS: 73800-78-3
SYN: DEXTROPROPOXYPHENE NAPSYLATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2I76T81 orl-mus TDLo:1920 mg/kg (7-12D preg) OYYAA2 4,1031,70
1T34 orl-mus TDLo:3600 mg/kg (7-12D preg) OYYAA2 4,1031,70

TOXICITY DATA AND REFERENCES:
1I803 orl-hmn TDLo:28 mg/kg/1W BMJOAE 2,674,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL3083500 1-BUTANOL, 2,2-DIMETHYL-, CARBAMATE
UPDT:8306 MW: 145.23 MOLFM: C7-H15-N-O2
SYN: CARBAMIC ACID, 2,2-DIMETHYLBUTYL ESTER * 2,2-DIMETHYL-1-BUTANOL CARBAMATE * 2,2-DIMETHYLBUTYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:
2F05F17 ipr-mus LD50:530 mg/kg JMCMAR 8,604,65

EL3083600 1-BUTANOL, 3,3-DIMETHYL-, CARBAMATE
UPDT:8306 CAS: 2124-38-7 MW: 145.23 MOLFM: C7-H15-N-O2
SYN: CARBAMIC ACID, 3,3-DIMETHYLBUTYL ESTER * 3,3-DIMETHYLBUTANOL CARBAMATE * 3,3-DIMETHYL-1-BUTANOL CARBAMATE

TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:32 mg/kg JMCMAR 8,604,65

2-BUTANOL, 3,3-DIMETHYL-, METHYLPHOSPHONOFLUORIDATE see: TA8750000
BUTANOL (DOT) see: EO1400000
sec-BUTANOL (DOT) see: EO1750000
tert-BUTANOL (DOT) see: EO1925000
BUTANOLEN (Dutch) see: EO1400000

1-BUTANOL, 2,2'-(1,2-ETHANEDIYLDIIMINO)BIS-, DIHYDROCHLORIDE, (R-(R*, R*))- (9CI) see: EL3854000

EL3850000 1-BUTANOL, 2-ETHYL-
UPDT:8407 CAS: 97-95-0 MW: 102.20 MOLFM: C6-H14-O
SYN: 2-ETHYLBUTANOL * 2-ETHYLBUTANOL-1 * 2-ETHYL-1-BUTANOL * 2-ETHYLBUTANOL (DOT) * 2-ETHYLBUTYL ALCOHOL * sec-HEXANOL (DOT) * sec-HEXYL ALCOHOL * 3-METHYLOLPENTANE * sec-PENTYLCARBINOL * 3-PENTYLCARBINOL * PSEUDOHEXYL ALCOHOL * UN 2275 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 415 mg open MLD UCDS** 12/14/71
eye-rbt 250 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1850 mg/kg AMIHBC 10,61,54
orl-rbt LD50:1200 mg/kg JPETAB 82,377,44
* skn-rbt LD50:1260 mg/kg AMIHBC 10,61,54

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EL3852000 BUTANOL, 2,2'-(ETHYLENEBIS(NITROSOIMINO))BIS-
UPDT:8401 MW: 262.36 MOLFM: C10-H22-N4-O4
SYN: DDETA * 2,2'-(ETHYLENEBIS(NITROSOIMINO))BISBUTANOL * di-N,N-(1-HYDROXYmETHYLPROPYL)ETHYLENEDINITROSAMINE * di-N,N-(1-IDROSSIMETIL PROPIL)-ETILENDINITROSAMMA (Italian)

TUMORIGENIC DATA AND REFERENCES:
3V01J60P62 scu-mus TDLo:4320 mg/kg/36W-C LAPPA5 35,45,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL3854000 1-BUTANOL, 2,2'-(ETHYLENEDIIMINO)DI-, DIHYDROCHLORIDE, (+)-
UPDT:8410 CAS: 1070-11-7 MW: 240.82 MOLFM: C10-H24-N2-O2-Cl-M
SYN: 1-BUTANOL 2,2'-(1,2-ETHANEDIYLDIIMINO)BIS-, DIHYDROCHLORIDE (R-(R*, R*))-, (9CI) * CL 40881 * DEXAMBUTOL * EMB.FATOL * ETAMBUTOL * ETHAMBUTOL DIHYDROCHLORIDE * ETHAMBUTOL HYDROCHLORIDE * ETIBI * ETOPIAN * MYAMBUTOL * MYCOBUTOL

MUTATION DATA AND REFERENCES:
mnt-mus-orl 50 mg/kg IRLCDZ 10,135,82
spm-mus-orl 12500 ug/kg IRLCDZ 10,135,82

TOXICITY DATA AND REFERENCES:
1D14 unk-mmn TDLo:720 mg/kg/48D ANOPB5 2,578,70
* orl-rat LD50:6800 mg/kg OYYAA2 2,70,68
* ipr-rat LD50:1200 mg/kg OYYAA2 2,70,68
* ivn-rat LD50:300 mg/kg OYYAA2 2,70,68
* orl-mus LD50:8900 mg/kg OYYAA2 2,70,68
* scu-mus LD50:1800 mg/kg OYYAA2 2,70,68
* ivn-mus LD50:230 mg/kg OYYAA2 2,70,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL3855000 1-BUTANOL, 2,2'-(ETHYLENEDIIMINO)DI-, DIHYDROCHLORIDE mixed with SODIUM NITRITE (1:1)
UPDT:8401
SYN: di-N,N-DI(1-HYDROXYMETHYLPROPYL)ETHYLENEDIAMINE DIHYDROCHLORIDE mixed with sodium nitrite * ETHAMBUTOL mixed with SODIUM NITRITE (1:1) * SODIUM NITRITE mixed with ETHAMBUTOL (1:1)

TUMORIGENIC DATA AND REFERENCES:
3V01J60P62 orl-mus TDLo:8640 mg/kg/36W-C LAPPA5 35,45,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL3870000 1-BUTANOL, 4-(ETHYLNITROSOAMINO)-
UPDT:8601 CAS: 56897-62-0 MW: 146.22 MOLFM: C6-H14-N2-O2
SYN: EHBN * N-ETHYL-N-(4-HYDROXYBUTYL)NITROSOAMINE

MUTATION DATA AND REFERENCES:
mma-sat 35 umol/plate CNREAB 37,399,77

TUMORIGENIC DATA AND REFERENCES:
2V03M60 orl-rat TDLo:4375 mg/kg/20W-C GANNA2 67,175,76
2V01M60 orl-mus TDLo:4900 mg/kg/14W-C GANNA2 72,647,81
2V03M60 orl-ham TDLo:24 gm/kg/20W-C GANNA2 67,175,76
2V03M60 orl-rat TD :59 gm/kg/20W-C GANNA2 67,825,76
2V03M60 orl-rat TD :5300 mg/kg/20W-I GANNA2 65,565,74
2V01M60 orl-mus TD :9800 mg/kg/14W-C GANNA2 72,647,81
2V03M60 orl-mus TD :7 gm/kg/120W-C GANNA2 67,175,76
2V01M60 orl-mus TD :7000 mg/kg/20W-C GANNA2 72,647,81
2V03M60 orl-rat TD :4704 mg/kg/20W-C GANNA2 72,539,81

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-BUTANOL, 2-ETHYNYL- see: SC4900000

EL4130000 1-BUTANOL, 2,2,3,3,4,4,4-HEPTAFLUORO-
UPDT:8411 CAS: 375-01-9 MW: 200.07 MOLFM: C4-H3-F7-O

TOXICITY DATA AND REFERENCES:
1H17 orl-rat LD50:3630 mg/kg GTPZAB 13(10),29,69
1H17 ihl-rat LC50:10230 mg/m3 GTPZAB 13(10),29,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-BUTANOLIDE see: LU3500000
1,2-BUTANOLIDE see: LU3500000
1,4-BUTANOLIDE see: LU3500000

EL4725000 1-BUTANOL, 3-METHOXY-, ACETATE
UPDT:8407 CAS: 4435-53-4 MW: 146.21 MOLFM: C7-H14-O3
SYN: ACETIC ACID, 3-METHOXYBUTYL ESTER * BUTOXYL * 'BUTOXYL (DOT) * 3-METHOXYBUTYL ACETATE * METHYL-1,3-BUTYLENE GLYCOL ACETATE * UN 2708 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 20 mg open AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4210 mg/kg AMIHBC 10,61,54

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EL5075000 2-BUTANOL, 4-METHOXY-3-(1-OCTENYL-ONN-AZOXY)-, D-THREO-
UPDT:8401 CAS: 23315-05-1 MW: 258.41 MOLFM: C13-H26-N2-O3
SYN: ELAIOMYCIN * D-threo-METHOXY-3-(1-OCTENYL-ONN-AZOXY)-2-BUTANOL

TUMORIGENIC DATA AND REFERENCES:
3V03L60M61 orl-rat TDLo:35 mg/kg NATUAS 221,765,69
3V03A60K06 orl-rat TD :35 mg/kg 29QKAZ 2,781,72

TOXICITY DATA AND REFERENCES:
2F19J25 scu-mus LD50:63 mg/kg ANTCAO 4,338,54
2F19J25 ivn-mus LD50:44 mg/kg ANTCAO 4,338,54

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL5250000 1-BUTANOL, 2-METHYL-
UPDT:8403 CAS: 137-32-6 MW: 88.17 MOLFM: C5-H12-O
SYN: di-sec-BUTYL CARBINOL * 2-METHYLBUTANOL * 2-METHYL BUTANOL-1

IRRITATION DATA AND REFERENCES:
skn-rbt 8193 ug/24H open MLD AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4920 mg/kg AIHAAP 23,95,62
ipr-rat LDLo:1900 mg/kg JIHTAB 27,1,45
1R10 skn-rbt LD50:3540 mg/kg AIHAAP 23,95,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EL5425000 1-BUTANOL, 3-METHYL-
UPDT:8404 CAS: 123-51-3 MW: 88.17 MOLFM: C5-H12-O
SYN: ALCOOL AMILICO (Italian) * ALCOOL ISOAMYLIQUE (French) * AMYLOWY ALKOHOL (Polish) * FERMENTATION AMYL ALCOHOL * ISOAMYL ALCOHOL * ISOAMYL ALCOHOL (DOT) * ISOAMYL ALKOHOL (Czech) * ISO-AMYLALKOHOL (German) * ISOAMYLOL * ISOBUTYLCARBINOL * ISOPENTANOL * ISOPENTYL ALCOHOL * 2-METHYL-4-BUTANOL * 3-METHYL BUTANOL * 3-METHYLBUTAN-1-OL * 3-METHYL-1-BUTANOL (Czech) * 3-METIL BUTANOLO (Italian) * UN 1105 (DOT)

IRRITATION DATA AND REFERENCES:
eye-hmn 150 ppm JIHTAB 25,282,43
skn-rbt 500 mg/24H MOD 28ZPAK -,36,72
eye-rbt 20 mg/24H SEV 28ZPAK -,36,72

MUTATION DATA AND REFERENCES:
cyt-smc 10 mmol/tube HEREAY 33,457,47

TUMORIGENIC DATA AND REFERENCES:
3V01L60P61 orl-rat TDLo:27 gm/kg/75W-I ARGEAR 45,19,75
3V01L60P61 scu-rat TDLo:3800 mg/kg/85W-I ARGEAR 45,19,75

TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-hmn TCLo:150 ppm JIHTAB 25,282,43
orl-rat LD50:1300 mg/kg SAMJAF 43,795,69
ipr-rat LDLo:813 mg/kg AEPPAE 132,214,28
* ipr-mus LDLo:233 mg/kg FCTXAV 16,785,78
* scu-mus LDLo:7480 mg/kg FCTXAV 16,785,78
* ivn-mus LD50:234 mg/kg AIPTAK 135,330,62
* ivn-cat LDLo:210 mg/kg FCTXAV 16,785,78
orl-rbt LDLo:4250 mg/kg JLCMAX 10,985,25
* skn-rbt LD50:3212 mg/kg AIHAAP 30,470,69
1P25 ivn-rbt LDLo:1570 mg/kg FCTXAV 16,785,78

REVIEW AND REFERENCES:
★ TLV-TWA 100 ppm, STEL 125 ppm DTLVS* 4,234,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air,TWA 100 ppm (SCP-E) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1402
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-BUTANOL, 2-METHYL- see: SC0175000
2-BUTANOL, 2-METHYL-, FORMATE (9CI) see: SC0220000

EL5740000 1-BUTANOL, 4-(METHYLNITROSAMINO)-
UPDT:8601 CAS: 51938-16-8 MW: 132.19 MOLFM: C5-H12-N2-O2
SYN: N-METHYL-N-(4-HYDROXYBUTYL)NITROSAMINE * N-NITROSO-N-METHYL-(4-HYDROXYBUTYL)AMINE

MUTATION DATA AND REFERENCES:
mma-sat 40 umol/plate CNREAB 37,399,77

TUMORIGENIC DATA AND REFERENCES:
2V03M60 orl-rat TDLo:53 gm/kg/20W-C GANNA2 67,825,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL5785000 2-BUTANOL, 2-METHYL-4-PHENYL-
UPDT:8305 CAS: 103-05-9 MW: 164.27 MOLFM: C11-H16-O
SYN: BENZYL-t-BUTANOL * DIMETHYLPHENYLETHYL CARBINOL * 1,1-DIMETHYL-3-PHENYLPROPANOL * 1,1-DIMETHYL-3-PHENYL-1-PROPANOL * alpha,alpha-DIMETHYL delta PHENYLPROPYL ALCOHOL * 2-METHYL-4-PHENYL-2-BUTANOL * PHENYLETHYL DIMETHYL CARBINOL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2200 mg/kg FCTXAV 12,537,74
* skn-rbt LD50:3500 mg/kg FCTXAV 12,537,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

2-BUTANOL, 2-METHYL-4-PHENYL-, ACETATE see: AM1847000
BUTANOLO (Italian) see: EO1400000
2-BUTANOL-3-ONE see: EL8790000
2,3-BUTANOLONE see: EL8790000

EL6130000 1-BUTANOL, 4-(PENTYLNITROSAMINO)-
UPDT:8401 CAS: 61734-86-9 MW: 188.31 MOLFM: C9-H20-N2-O2
SYN: N-NITROSO-N-PENTYL-(4-HYDROXYBUTYL)AMINE * N-PENTYL-N-(4-HYDROXYBUTYL)NITROSAMINE
MUTATION DATA AND REFERENCES:
mma-sat 10 umol/plate CNREAB 37,399,77
TUMORIGENIC DATA AND REFERENCES:
2V03M60 orl-rat TDLo:76 gm/kg/20W-C GANNA2 67,825,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL6140000 1-BUTANOL, 4-(PROPYLNITROSAMINO)-
UPDT:8401 CAS: 51938-12-6 MW: 160.25 MOLFM: C7-H16-N2-O2
SYN: N-NITROSO-n-PROPYL-(4-HYDROXYBUTYL)AMINE * PHBN * PROPYL(4-HYDROXYBUTYL)NITROSAMINE * 4-(PROPYLNITROSAMINO)-1-BUTANOL
MUTATION DATA AND REFERENCES:
mma-sat 20 umol/plate CNREAB 37,399,77
TUMORIGENIC DATA AND REFERENCES:
2V03M60 orl-rat TDLo:5200 mg/kg/20W-C GANNA2 65,13,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTANOL SECONDAIRE (French) see: EO1750000
BUTANOL TERTIAIRE (French) see: EO1925000

EL6200000 BUTANOL, 4-(TRIMETHYLSILYL)-, CARBAMATE
UPDT:8306 MW: 189.37 MOLFM: C8-H19-N-O2-Si
SYN: CARBAMIC ACID, 4-(TRIMETHYLSILYL)BUTYL ESTER * 4-(TRIMETHYLSILYL)BUTANOL CARBAMATE * 4-(TRIMETHYLSILYL)BUTYL ESTER of CARBAMIC ACID
TOXICITY DATA AND REFERENCES:
2F05F17 ipr-mus LD50:420 mg/kg JMCMAR 8,604,65
BUTANONE see: EL6475000
BUTANONE 2 (French) see: EL6475000

EL6475000 2-BUTANONE
UPDT:8408 CAS: 78-93-3 MW: 72.12 MOLFM: C4-H8-O
SYN: ACETONE, METHYL * AETHYLMETHYLKETON (German) * BUTANONE * BUTANONE 2 (French) * ETHYL METHYL CETONE (French) * ETHYLMETHYLKETON (Dutch) * ETHYL METHYL KETONE * ETHYL METHYL KETONE (DOT) * KETONE, ETHYL METHYL * MEETCO * MEK * METHYL ACETONE * METHYL ACETONE (DOT) * METHYL ETHYL KETONE * METHYL ETHYL KETONE (DOT) * METILETILCHETONE (Italian) * METYLOETYLOKETON (Polish) * RCRA WASTE NUMBER U159 * UN 1193 (DOT) * UN 1232 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 350 ppm JIHTAB 25,282,43
skn-rbt 500 mg/24H MOD JIHTAB 25,282,43
skn-rbt 402 mg/24H MLD TXAPA9 19,276,71
skn-rbt 13780 ug/24H open MLD AIHAAP 23,95,62
eye-rbt 80 mg TXAPA9 19,276,71
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T43T53T55 ihl-rat TCLo:3000 ppm/7H (6-15D preg) TXAPA9 28,452,74
2T34T46 ihl-rat TCLo:1000 ppm/7H (6-15D preg) TXAPA9 28,452,74
TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-hmn TCLo:100 ppm/5M JIHTAB 25,282,43
* orl-rat LD50:2737 mg/kg TXAPA9 19,699,71
ihl-rat LCLo:2000 ppm/4H JIHTAB 31,343,49
* ihl-mus LC50:40 gm/m3/2H 85GMAT -,83,82
ipr-mus LD50:616 mg/kg SCCUR* -,6,61
skn-rbt LD50:13 gm/kg UCDS** 5/7/70
3L30S16Y37 ipr-gpg LDLo:2000 mg/kg FCTXAV 15,627,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ECIET* (3),-,83
★ TLV-TWA 200 ppm; STEL 300 ppm DTLVS* 4,279,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm (SCP-A) FEREAC 39,23540,74
★ DOT-HAZARD-FLAMMABLE LIQUID; LABEL-FLAMMABLE LIQUID C*FRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KETONES recm std-air:TWA 590 mg/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed. see: METHODS 2500 and 8002
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL6580000 1-BUTANONE, 1-(4-AMINO-2-METHYL-5-PHENYLPYRROL-3-YL)-, MONOHYDROCHLORIDE
MW: 278.81 MOLFM: C15-H18-N2-O-Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

EL6690000 2-BUTANONE, 1-(2-BENZOYL-1-PYRROLYL)-4-(DIETHYLAMINO)-, CITRATE
UPDT:8306 MW: 504.59 MOLFM: C19-H24-N2-O2 C6-H8-O7
SYN: 1-(2-BENZOYL-1-PYRROLYL)-4-(DIETHYLAMINO)-2-BUTANONE CITRATE
TOXICITY DATA AND REFERENCES:
2A11F07 ivn-mus LD50:15 mg/kg CHTPBA 1,127,66

EL6692000 2-BUTANONE, 1-(2-BENZOYL-1-PYRROLYL)-4-(DIETHYLAMINO)-2-PHENYL-, CITRATE
UPDT:8306 MW: 580.69 MOLFM: C25-H28-N2-O2 C6-H8-O7
SYN: 1-(2-BENZOYL-1-PYRROLYL)-4-(DIETHYLAMINO)-2-PHENYL-2-BUTANONE CITRATE
TOXICITY DATA AND REFERENCES:
2A11F07 par-mus LD50:16 mg/kg CHTPBA 1,127,66

EL6694000 BUTANONE, 1-(2-BENZOYL-1-PYRROLYL)-4-MORPHOLINO-, MALEATE
UPDT:8306 CAS: 16646-87-8 MW: 426.51 MOLFM: C19-H22-N2-O2 C4-H4-O4
SYN: 1-(2-BENZOYL-1-PYRROLYL)-4-MORPHOLINOBUTANONE MALEATE
TOXICITY DATA AND REFERENCES:
2A11F07 par-mus LD50:49 mg/kg CHTPBA 1,127,66

EL6696000 2-BUTANONE, 1-(2-BENZOYL-1-PYRROLYL)-4-MORPHOLINO-1-PHENYL-, CITRATE
UPDT:8306 CAS: 13901-07-0 MW: 594.67 MOLFM: C25-H26-N2-O3 C6-H8-O7
SYN: 1-(2-BENZOYL-1-PYRROLYL)-4-MORPHOLINO-1-PHENYL)-2-BUTANONE CITRATE
TOXICITY DATA AND REFERENCES:
2A11F07 par-mus LD50:69 mg/kg CHTPBA 1,127,66

EL7030000 2-BUTANONE, 4-(BUTYLNITROSAMINO)-
UPDT:8401 CAS: 61734-89-2 MW: 172.26 MOLFM: C8-H16-N2-O2
SYN: N-BUTYL-N-(2-OXOBUTYL)NITROSAMINE * N-NITROSO-N-(2-OXOBUTYL)BUTYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 4 umol/plate CNREAB 37,399,77
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:69 gm/kg/20W-C GANNA2 67,825,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL7060000 3-BUTANONE, 4-(BUTYLNITROSAMINO)-
UPDT:8401 CAS: 61734-90-5 MW: 172.26 MOLFM: C8-H16-N2-O2
SYN: N-BUTYL-N-(3-OXOBUTYL)NITROSAMINE * N-NITROSO-N-(3-OXOBUTYL)BUTYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 4 umol/plate CNREAB 37,399,77
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:69 gm/kg/20W-C GANNA2 67,825,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL7100000 2-BUTANONE, 1-(4-CHLOROPHENOXY)-3,3-DIMETHYL-1-(1,2,4-TRIAZOL-1-YL)-
UPDT:8408 CAS: 43121-43-3 MW: 293.78 MOLFM: C14-H16-Cl-N3-O2
SYN: AMIRAL * BAY 6681 F * BAYLETON * BAY-MEB-6447 * 1-(4-CHLOROPHENOXY)-3,3-DIMETHYL-1-(1H-1,2,4-TRIAZOL-1-YL)-2-BUTANONE * 1-(4-CHLOROPHENOXY)-3,3-DIMETHYL-1-(1,2,4-TRIAZOL-1-YL)-BUTAN-2-ONE * MEB 6447 * TRIADIMEFON * 1H-1,2,4-TRIAZOLE, 1-((4-CHLOROPHENOXY)METHYL)-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:400 mg/kg FMCHA2 -,C27,83
* orl-mus LD50:363 mg/kg MEIEDD 10,1372,83
orl-rbt LD50:300 mg/kg 83DPAN -,-,71/76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1-BUTANONE, 4-(4-(4-CHLOROPHENYL)-4-HYDROXY-1-PIPERIDINYL)-1-(4-FLUOROPHENYL)- see: EU1575000

EL7170000 1-BUTANONE, 2-(7-CHLORO-4-QUINOLYLAMINO)-1-PIPERIDINO-, MONOHYDROCHLORIDE
UPDT:8303 MW: 368.34 MOLFM: C18-H22-Cl-N3-O Cl-H
SYN: 2-(7-CHLORO-4-QUINOLYLAMINO)-1-PIPERIDINO-1-BUTANONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:234 mg/kg BCFAAI 120,308,81

EL7380000 3-BUTANONE, 1,2-DIBROMO-
UPDT:8312 MW: 229.92 MOLFM: C4-H6-Br2-O
SYN: 1,2-DIBROMOBUTAN-3-ONE (DOT) * UN 2648 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON C*FRGBR 49,172,102,83

EL7570000 1-BUTANONE, 4-(4-(2,3-DIHYDRO-2-THIOXO-1H-BENZIMIDAZOL-1-YL)-1-PIPERIDINYL)-1- (4-FLUOROPHENYL)-
UPDT:8401 CAS: 57648-21-2 MW: 397.55 MOLFM: C22-H24-F-N3-O-S
SYN: 2-BENZIMIDAZOLINETHIONE, 1-(1-(3-(p-FLUOROBENZOYL)PROPYL)-4-PIPERIDYL)- * BUTYROPHENONE, 4'-FLUORO-4-(4-(2-THIOXOBENZIMIDAZOL-1-YL)PIPERIDINO)1- * 1-(1-(3-(p-FLUOROBENZOYL)PROPYL)-4-PIPERIDYL)-2-BENZIMIDAZOLINETHIONE * TIMIPERONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:11 mg/kg (7-17D preg) IYKEDH 12,861,81
1T46 orl-rat TDLo:33 mg/kg (7-17D preg) IYKEDH 12,861,81
1T46 orl-rbt TDLo:5200 ug/kg (6-18D preg) IYKEDH 12,872,81
TOXICITY DATA AND REFERENCES:
orl-mus LD50:500 mg/kg JMCMAR 21,1116,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL7880000 1-BUTANONE, 1-(10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL)-
UPDT:8401 CAS: 20769-36-2 MW: 354.55 MOLFM: C21-H26-N2-O-S
SYN: 1-BUTANONE, 1-(10-(3-(DIMETHYLAMINO)PROPYL)-10H-PHENOTHIAZIN-2-YL)- (9CI) * 3-n-BUTYRYL-10-(3-DIMETHYLAMINOPROPYL)PHENOTHIAZINE * 3-BUTYLRYL PROMAZIN * BUTYRYLPROMAZINE * 3-BUTYRYLPROMAZINE * 1-(10-(3-DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL)-1-BUTANONE
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:300 mg/kg AIPTAK 115,1,58
1F12 ivn-mus LD50:73 mg/kg AIPTAK 115,1,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1-BUTANONE, 1-(10-(3-(DIMETHYLAMINO)PROPYL)-10H-PHENOTHIAZIN-2-YL)- (9CI) see: EL7880000

EL7900000 1-BUTANONE, 1-(10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL)-, MALEATE
UPDT:8305 MW: 470.63 MOLFM: C21-H26-N2-O-S C4-H4-O4
SYN: 1613-CB * 1-(10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL)-1-BUTANONE MALEATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:300 mg/kg AIPTAK 123,78,59
scu-mus LD50:190 mg/kg PSCBAY 2,17,63
* ivn-mus LD50:73 mg/kg AIPTAK 123,78,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL8200000 2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-((METHYLAMINO)CARBONYL)OXIME
UPDT:8406 CAS: 39196-18-4 MW: 218.35 MOLFM: C9-H18-N2-O2-S
SYN: DACAMOX * DIAMOND SHAMROCK DS-15647 * 3,3 DIMETHYL 1-(METHYLTHIO)-2 BUTANONE-O-((METHYLAMINO)CARBONYL)OXIME * DS-15647 * ENT 27851 * RCRA WASTE NUMBER P045 * THIOFANOX
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8500 ug/kg BSARAE 1,45,77
skn-rbt LD50:39 mg/kg SPEADM 78-1,60,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL8550000 2-BUTANONE, 3-ETHOXY-1,1-DIHYDROXY-
UPDT:8305 CAS: 27762-78-3 MW: 148.18 MOLFM: C6-H12-O4
SYN: KETHOXAL * KETOXAL
MUTATION DATA AND REFERENCES:
mma-sat 200 ug/plate PNASA6 79,7445,82

EL8560000 2-BUTANONE, 4,4-DIPHENYL-1-MORPHOLINO-, HYDROCHLORIDE
UPDT:8303 MW: 345.90 MOLFM: C20-H23-N-O2 Cl-H
SYN: 4,4-DIPHENYL-1-MORPHOLINO-2-BUTANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

EL8565000 2-BUTANONE, 4,4-DIPHENYL-1-PIPERIDINO-, HYDROCHLORIDE
UPDT:8303 MW: 343.93 MOLFM: C21-H25-N-O Cl-H
SYN: 4,4-DIPHENYL-1-PIPERIDINO-2-BUTANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

EL8565500 1-BUTANONE, 2,3-DIPHENYL-1-(4-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-
UPDT:8408 CAS: 53620-98-9 MW: 413.60 MOLFM: C28-H31-N-O2
SYN: 2,3-DIPHENYL-1-(4-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-1-BUTANONE * E-492 * 3-METHYL-4-(beta-PYRROLIDINOETHOXY)-2,3-DIMETHYLPROPIOPHENONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-rat TDLo:2500 ug/kg (5D pre) IJEBAA 13,69,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL8566000 2-BUTANONE, 4,4-DIPHENYL-1-(1-PYRROLIDINYL)-, HYDROCHLORIDE
UPDT:8303 MW: 329.90 MOLFM: C20-H23-N-O Cl-H
SYN: 4,4-DIPHENYL-1-(1-PYRROLIDINYL)-2-BUTANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:33 mg/kg CHTPBA 1(1),35,65

BEST COPY AVAILABLE

EL8570000 2-BUTANONE, 3-(p-(2H-INDAZOL-2-YL)PHENYL)-
UPDT:8303 MW: 264.35 MOL'M: C17 H16 N2 O
SYN: 3-(p-(2H-INDAZOL-2-YL)PHENYL)-2-BUTANONE * M.G. 18885
TOXICITY DATA AND REFERENCES:
3F05F11F19 ipr-mus LD50:600 mg/kg FRPSAK 36,1037.81

EL8577500 1-BUTANONE, 2-ETHYL-1-(1-(2-MORPHOLINOETHYL)-2-PYRROLYL)-, MONOHYDROCHLORIDE
UPDT:8306 CAS: 14415-57-7 MW: 314.90 MOL'M: C16 H26 N2 O2 Cl H
SYN: 2-ETHYL-1-(1-(2-MORPHOLINOETHYL)-2-PYRROLYL)-1-BUTANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 ivn-mus LD50:42 mg/kg CMTPBA 1,127.66

1-BUTANONE, 1-(4-FLUOROPHENYL)-4-(4-HYDROXY-4-(3-(TRIFLUOROMETHYL)PHENYL)-1-PIPERIDINYL)- see: EU3500000

1-BUTANONE, 1-(4-(FLUOROPHENYL)-4-(4-(2-METHOXYPHENYL)-1-PIPERAZINYL)-(9CI) see: EU3640000

1-BUTANONE, 1-(4-FLUOROPHENYL)-4-(4-(2-PYRIDINYL)-1-PIPERAZINYL)- see: EU4550000

EL8790000 2-BUTANONE, 3-HYDROXY-
UPDT:8402 CAS: 513-86-0 MW: 88.12 MOL'M: C4 H8 O2
SYN: ACETOIN * ACETYL METHYL CARBINOL * ACETYL METHYLCARBINOL (DOT) * 2,3-BUTANEDIONE + 2-BUTANOL,3-ONE * DIMETHYLKETOL * 3-HYDROXY-2-BUTANONE * 1-HYDROXYMETHYL METHYL KETONE * gamma-HYDROXY-beta-OKOBUTANE * UN 2621 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,509.79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:12600 mg/kg (42D male) FCTXAV 10,131.72
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:12 gm/kg (8W-I) CNREAB 33,3069.73
TOXICITY DATA AND REFERENCES:
2C08F12 scu-rat LDLo:14 gm/kg FCTXAV 17,509.79
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL8900000 2-BUTANONE, 4-(4-HYDROXY-3-METHOXYPHENYL)-
UPDT:8403 CAS: 122-48-5 MW: 194.25 MOL'M: C11 H14 O3
SYN: GINGERONE * 4-(4 HYDROXY-3-METHOXYPHENYL) 2 BUTANONE * 1-(4-HYDROXY-3 METHOXYPHENYL)ETHYL METHYL KETONE * 3-METHOXY-4-HYDROXY BENZYLACETONE * (4) PARADOL * VANILLYL ACETONE * ZINGERONE * ZINGIBERONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),851.82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2580 mg/kg FCTOD7 20(Suppl),851.82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EL8925000 2-BUTANONE, 4-(p-HYDROXYPHENYL)-
UPDT:8305 CAS: 5471-51-2 MW: 164.22 MOL'M: C10 H12 O2
SYN: 2-BUTANONE, 4-(4-HYDROXYPHENYL) * FRAMBINONE * p-HYDROXYBENZYL ACETONE * 1-(p-HYDROXYPHENYL)-3-BUTANONE * 4-(p-HYDROXYPHENYL)-2 BUTANONE * 4-(4-HYDROXYPHENYL)-2-BUTANONE * OXYPHENALON * RASPBERRY KETONE * RHEOSMIN
TOXICITY DATA AND REFERENCES:
2F05F29 orl-rat LD50:1320 mg/kg FCTXAV 8,349.70
2F05F29 ipr-rat LD50:350 mg/kg FCTXAV 8,349.70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-BUTANONE, 4-(4-HYDROXYPHENYL)- see: EL8925000

EL8954000 2-BUTANONE, 4-(4-HYDROXY-1-PIPERIDINYL)-3-((4-HYDROXY-1-PIPERIDINYL)METHYL)-
UPDT:8306 CAS: 70525-21-2 MW: 284.45 MOL'M: C15 H28 N2 O3
SYN: 4-(4-HYDROXY-1-PIPERIDINYL)-3-((4-HYDROXY-1-PIPERIDINYL)METHYL)-2-BUTANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:258 mg/kg DIMCAL 19,347.78
* scu-mus LD50:29 mg/kg DIMCAL 19,347.78

EL9100000 2-BUTANONE, 3-METHYL-
UPDT:8312 CAS: 563-80-4 MW: 86.15 MOL'M: C5 H10 O
SYN: ISOPROPYL METHYL KETONE * 3-METHYL-2-BUTANONE * 3-METHYL BUTAN-2-ONE (DOT) * METHYL ISOPROPYL KETONE * MIPK * UN 2459 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,819.78
skn-rbt 500 mg open MLD FCTXAV 16,637.78
eye-rbt 100 mg/24H MLD FCTXAV 16,819.78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:148 mg/kg SCCUR* -,7.61
* ihl-rat LCLo:5700 ppm/4H TKAPA9 28,313,74
* skn-rbt LD50:6350 mg/kg FCTXAV 16,819.78
REVIEW AND REFERENCES:
★ TLV-TWA 200 ppm DTLVS* 4,284.80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL9130000 2-BUTANONE, 4-(3,4-METHYLENEDIOXYPHENYL)-
UPDT:8305 CAS: 3160-37-0 MW: 192.23 MOL'M: C11 H12 O3
SYN: HELIOTROPYL ACETONE * 3,4-METHYLENEDIOXYBENZYL ACETONE * 4-(3,4-METHYLENEDIOXYPHENYL)-2-BUTANONE * PIPERONYL ACETONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4 gm/kg FCTXAV 14,847.76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EL9150000 2-BUTANONE, 3-METHYL-3-NITRO-, O-(METHYLCARBAMOYL)OXIME
UPDT:8309 CAS: 20417-83-8 MW: 203.23 MOL'M: C7 H13 N3 O4
SYN: ENT 27,302 * 3-METHYL-3-NITRO-2-BUTANONE O-((METHYLAMINO)CARBONYL)OXIME * UC 23395 * UNION CARBIDE UC-23395
TOXICITY DATA AND REFERENCES:
orl-rat LD50:13 mg/kg ARSIM* 20,25.66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL9152000 2-BUTANONE, 1-(METHYLNITROSAMINO)-
UPDT:8411 MW: 130.17 MOL'M: C5 H10 N2 O2
SYN: 1-(METHYLNITROSAMINO)-2-BUTANONE * M-2-OB * N-NITROSOMETHYL(2-OXOBUTYL)AMINE
MUTATION DATA AND REFERENCES:
msc-ham:lng 700 umol/L SOEYAN -,241.83
TUMORIGENIC DATA AND REFERENCES:
3V01D09K60 scu-ham TDLo:67 mg/kg 29W-I CNREAB 43,4885.83
3V01K60L60 scu-ham TD:100 mg/kg CNREAB 43,4885.83
TOXICITY DATA AND REFERENCES:
3D07L30M30 scu-ham LD50:92 mg/kg CNREAB 43,4885.83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL9154000 2-BUTANONE, 4-(METHYLNITROSAMINO)-
UPDT:8411 MW: 130.17 MOL'M: C5 H10 N2 O2
SYN: 4-(METHYLNITROSAMINO)-2-BUTANONE * M-3-OB * N-NITROSOMETHYL(3-OXOBUTYL)AMINE
MUTATION DATA AND REFERENCES:
msc-ham:lng 700 umol/L SOEYAN -,241.83
TUMORIGENIC DATA AND REFERENCES:
3V01J60R61 scu-ham TDLo:770 mg/kg 38W-I CNREAB 43,4885.83
3V01J60R60 scu-ham TD:1377 mg/kg 34W-I CNREAB 43,4885.83
TOXICITY DATA AND REFERENCES:
3D07L30M30 scu-ham LD50:705 mg/kg CNREAB 43,4885.83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL9154000 1-BUTANONE-4,4-d2, 4-(METHYLNITROSAMINO)-1-(3-PYRIDYL)-
UPDT:8309 MW: 209.26 MOL'M: C10 H11 D2 N3 O2
SYN: 4,4-DIDEUTERO-4-(METHYLNITROSAMINO)-1-(3-PYRIDYL)-1-BUTANONE * 4-(METHYLNITROSAMINO)-1-(3-PYRIDYL)-1-BUTANONE 4,4-d2
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate CRNGDP 4,305.83

EL9200000 1-BUTANONE, 1-(10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL)-, DIMALEATE
UPDT:8305 CAS: 1063-53-4 MW: 641.80 MOL'M: C24 H31 N3 O S 2C4 H4 O4
SYN: BAYER 1362 * BUTAFERAZINE DIMALEATE * BUTAFERAZINE MALEATE * BUTYRYLPERAZINE DIMALEATE * 1-(10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL)-1-BUTANONE DIMALEATE * RANDOLECTIL * REPOINE MALEATE * RIKER 593
TOXICITY DATA AND REFERENCES:
orl-rat LD50:264 mg/kg CLPTAT 10,428.69
ivn-rat LD50:63 mg/kg CLPTAT 10,428.69
orl-mus LD50:296 mg/kg CLPTAT 10,428.69
ivn-mus LD50:67 mg/kg 27ZQAG -,11.72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL9210000 2-BUTANONE, 3-METHYLSULFONYL-, O-(N-METHYLCARBAMOYL)OXIME
UPDT:8309 CAS: 34681-23-7 MW: 222.29 MOL'M: C7 H14 N2 O4 S
SYN: BUTOXICARBOXIM (German) * 2-METHYLSULFONYL-O-(N-METHYL CARBAMOYL)-BUTANON-(3)-OXIM (German) * PLANT PIN * 3-(SULFONYL)-O-((METHYLAMINO)CARBONYL)OXIME 2-BUTANONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:458 mg/kg FMCHA2 -,C40.83
scu-rat LD50:288 mg/kg 85DPAN -,-,71/76
orl-rbt LD50:275 mg/kg 85DPAN -,-,71/76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL9215000 2-BUTANONE, 3-(METHYLTHIO)-, O-(N-METHYLCARBAMOYL)OXIME
UPDT:8309 CAS: 34681-10-2 MW: 190.29 MOL'M: C7 H14 N2 O2 S
SYN: AFILINE * BUTOCARBOXIM (German) * DRAWIN 755 * 3-(METHYLTHIO)-O-((METHYLAMINO)CARBONYL)OXIME 2-BUTANONE * 2-METHYLTHIO-O-(N-METHYLCARBAMOYL) BUTANONOXIM-3 (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:153 mg/kg 85DPAN -,-,71/76
* skn-rbt LD50:360 mg/kg FMCHA2 -,C39.83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL9216600 1-BUTANONE, 1-(10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL)-
UPDT:8309 MW: 380.59 MOL'M: C23 H28 N2 O2 S
SYN: 3-n-BUTYRYL-10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN * 1-(10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL)-1-BUTANONE
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:3500 mg/kg AIPTAK 115,1.58
1F12 ivn-mus LD50:185 mg/kg AIPTAK 115,1.58

EL9217000 1-BUTANONE, 1-(10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL)-, FUMARATE
UPDT:8305 MW: 512.67 MOL'M: C23 H28 N2 O2 S C4 H4 O4
SYN: 1-(10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL)-1-BUTANONE FUMARATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3500 mg/kg AIPTAK 123,78.59
* ivn-mus LD50:185 mg/kg AIPTAK 123,78.59

EL9275000 2-BUTANONE, OXIME
UPDT:8305 CAS: 96-29-7 MW: 87.14 MOL'M: C4 H9 N O
SYN: ETHYL METHYL KETOXIME * MEK OXIME * METHYL ETHYL KETOXIME * SHINO #2 * USAF DO-44 * USAF EK-90x
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1000 mg/kg NTIS** AD691-690
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EL9450000 2-BUTANONE, PEROXIDE
UPDT:8408 CAS: 1338-23-4 MW: 176.26 MOL'M: C8 H16 O4
SYN: CADOX * ESPERSOX 78 * FR POINT PD * HI-POINT PD-1 * LUPERSOL * MEK PEROXIDE * METHYL ETHYL KETONE PEROXIDE * METHYLETHYLKETONEHYDROPEROXIDE * NCI-C55447 * QUICKSET EXTRA * QUICKSET SUPER * RCRA WASTE NUMBER U160 * SPRAYSET MEKP * THERMATURE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg AIHAAP 19,205.58
eye-rbt 3 mg AIHAAP 19,205.58
TUMORIGENIC DATA AND REFERENCES:
3V03J60P62 unk-mus TDLo:262 mg/kg BARSAM 3,193.63
TOXICITY DATA AND REFERENCES:
3R03K13K30 orl-hmn TDLo:480 mg/kg NCPBBY Jan/Feb,69
* orl-rat LD50:484 mg/kg AIHAAP 19,205.58
1J22 ihl-rat LC50:200 ppm/4H AIHAAP 19,205.58
2F10F19 ipr-rat LD50:65 mg/kg AIHAAP 19,205.58
orl-mus LD50:470 mg/kg JAMAAP 165,201.57
1J22 ihl-mus LC50:170 ppm/4H AIHAAP 19,205.58
REVIEW AND REFERENCES:
★ TLV-CL 200 ppb DTLVS* 4,279.80
STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS VOL 6, 331
NIOSH MANUAL OF ANALYTICAL METHODS TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EL9470000 2-BUTANONE PEROXIDE, with not more than 9% by weight active OXYGEN
UPDT:8412 CAS: 1338-23-4
SYN: BUTANOX LPT * BUTANOX M-50 * BUTANOX M-105 * CHALOXYD MEKP-HA 1 * CHALOXYD MEKP-LA 1 * ETHYL METHYL KETONE PEROXIDE * ETHYL METHYL KETONE PEROXIDE (maximum concentration 30%) (DOT) * FR 222 * HI-POINT 180 * KETONOX * LUCIDOL DELTAX * LUPERSOL DDM 30 * LUPERSOL DDM * LUPERSOL DELTA X * LUPERSOL DNF * LUPERSOL DSW * MEK PEROXIDE * METHYL ETHYL KETONE HYDROPEROXIDE * METHYL ETHYL KETONE PEROXIDE * METHYL ETHYL KETONE PEROXIDE in solution with not more than 9% by wgt active oxygen (DOT) * PERMEK N * UN 2550 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

EL9480000 2-BUTANONE PEROXIDE, maximum concentration 60%
UPDT:8401 CAS: 1338-23-4

BEST COPY AVAILABLE

SYN: ETHYL METHYL KETONE PEROXIDE, maximum concentration 60% (DOT) * UN 2127 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE, LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EL9600000 2-BUTANONE, 4-PHENYL-
UPDT:8412 CAS: 2550-26-7 MW: 148.22 MOLFM: C10-H12-O
SYN: BENZYLACETONE * METHYL PHENETHYL KETONE * METHYL 2-PHENYLETHYL KETONE * PHENETHYL METHYL KETONE * 4-PHENYL-2-BUTANONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 21,647,83
eye-rbt 2000 ppm FCTOD7 21,647,83
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3200 mg/kg FCTOD7 21,647,83
* orl-mus LD50:1590 mg/kg YHTPAD 15(5),7,80
* ipr-mus LD50:583 mg/kg YHTPAD 15(5),7,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EL9900000 1-BUTANONE, 4-(1-PYRROLIDINYL)-1-(2,4,6-TRIMETHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8406 CAS: 35543-24-9 MW: 343.89 MOLFM: C17-H25-N-O4-Cl-H
SYN: A-48257 * BUFEDIL * BUFLOMEDIL * BUFLOMEDIL HYDROCHLORIDE * CHLORHYDRATE de (TRIMETHOXY-2,4,6) PHENYL (PYRROLIDINE-3) PROPYLACETONE (French) * FONZYLANE * LL 1656 * LOFTYL * 4-(1-PYRROLIDINYL)-1-(2,4,6-TRIMETHOXYPHENYL)-1-BUTANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3D17F12M14 orl-mus LD50:275 mg/kg THERAP 30,207,75
3D17F12M14 ivn-mus LD50:55 mg/kg THERAP 30,207,75
3D17F12M14 ims-mus LD50:250 mg/kg THERAP 30,207,75
3F12G30J30 orl-dog LDLo:500 mg/kg THERAP 30,207,75
3F12G30J30 ivn-dog LDLo:50 mg/kg THERAP 30,207,75

EM0400000 1-BUTANONE, 1,1'-(9H-THIOXANTHENE-2,7-DIYL)BIS(4-(DIETHYLAMINO)-, DIHYDROCHLORIDE
UPDT:8309 CAS: 37771-04-3 MW: 553.69 MOLFM: C29-H40-N2-O2-S-2Cl-H
SYN: 1,1'-(9H-THIOXANTHENE-2,7-DIYL)BIS(4-(DIETHYLAMINO))-1-BUTANONE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:250 mg/kg JMCMAR 19,1142,76

EM0535000 2-BUTANONE, 4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-
UPDT:8305 CAS: 31499-72-6 MW: 194.35 MOLFM: C13-H22-O
SYN: DIHYDRO-alpha-IONONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,711,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BUTANOVA see: UQ8400000
BUTANOX LPT see: EL9470000
BUTANOX M 50 see: EL9470000
BUTANOX M 105 see: EL9470000
BUTAPERAZINE DIMALEATE see: EL9200000
BUTAPERAZINE MALEATE see: EL9200000
BUTAPHEN see: UQ8225000
BUTAPHENE see: SJ9800000
BUTAPHYLLAMINE see: XH4375000
BUTAPIRAZOL see: UQ8225000
BUTAPIRONE see: UQ8400000
BUTAPYRAZOLE see: UQ8225000
BUTARECBON see: UQ8225000
n-BUTARSAMIDE see: CF9490000
BUTARTRIL see: UQ8225000
BUTARTRINA see: UQ8225000
BUTATAB see: CQ1750000
BUTATAL see: CQ1750000
BUTAZATE see: ZH0175000
BUTAZATE 50-D see: ZH0175000
BUTAZINA see: UQ8225000
BUTAZOLIDIN see: UQ8225000
BUTAZOLIDINE see: UQ8225000

EM2277000 delta-BUTAZOLIDINE
UPDT:8411 CAS: 8054-70-4 MW: 666.88 MOLFM: C21-H26-O5-C19-H20-N2-O2
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1020 mg/kg OYYAA2 13,89,77

mye-BUTAZOLIDINE see: UQ8276000
BUTAZOLIDINE SODIUM see: UQ8300000
BUTAZONA see: UQ8225000
BUTAZONE see: UQ8225000
BUTE see: UQ8225000

EM2419000 BUTEA FRONDOSA, seed
UPDT:8407
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1122 orl-rat TDLo:5 gm/kg (1-5D preg) IJPPAZ 13,239,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUTEA FRONDOSA, seed extract see: EM2455000

EM2455000 BUTEA MONOSPERMA (Lam.) Taub., seed extract
DEP Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8408
SYN: BUTEA FRONDOSA, seed extract * PALASH SEED EXTRACT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1122 orl-rat TDLo:250 mg/kg (1-5D preg) IJPPAZ 13,239,69
1124 orl-rat TDLo:700 mg/kg (1-7D preg) IJEBA6 16,1077,78
1122 scu-rat TDLo:500 mg/kg (1-5D preg) IJPPAZ 13,239,69
1122 orl-mus TDLo:50 mg/kg (1-5D preg) IJPPAZ 13,239,69
1125 orl-mus TDLo:4 gm/kg (12-15D preg) IJPPAZ 13,239,69
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:7500 mg/kg IJPPAZ 13,239,69
* ipr-mus LD50:20 mg/kg IJEBA6 11,43,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EM2455100 BUTEA SUPERBA Roxb., extract excluding roots
DEP Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8305
SYN: LATAPALAS EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

BUTEDRIN see: DN9200000
BUTEDRINE see: DN9200000
BUTELLINE see: UB1050000
2-BUTENAL (9CI) see: GP9490000
2-BUTENAL (E)- see: GP9625000
trans-2-BUTENAL see: GP9625000
2-BUTENAL, 2-ETHYL- (9CI) see: GQ0350000
3-BUTEN-2-AMINE, N,N-DIETHYL-4,4-DI-2-THIENYL-, HYDROCHLORIDE (9CI) see: BA6330000
n-BUTENE see: EM2893000

EM2893000 BUTENE
CAS: 25167-67-3 MW: 56.12 MOLFM: C4-H8
SYN: n-BUTENE * BUTYLENE * n-BUTYLENE * BUTYLENE (DOT) * UN 1012 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE GAS, LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EM4261000 1-BUTENE, 3-CHLORO-
UPDT:8406 MW: 90.56 MOLFM: C4-H7-Cl
SYN: 3-CHLORO-1-BUTENE
MUTATION DATA AND REFERENCES:
mmo-sat 10 umol/plate BCPCA6 29,2611,80
mma-sat 10 umol/plate BCPCA6 29,2611,80
dns-hmn-hla 500 umol/L CALEDQ 20,263,83

EM4264000 2-BUTENE, 1-CHLORO-
UPDT:8406 MW: 90.56 MOLFM: C4-H7-Cl
SYN: 1-CHLORO-2-BUTENE
MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate BCPCA6 29,2611,80
mma-sat 5 umol/plate BCPCA6 29,2611,80
dns-hmn-hla 100 umol/L CALEDQ 20,263,83

EM4350000 2-BUTENE-1,4-DIAMINE, N-BUTYL-, mixed with SODIUM NITRITE
UPDT:8306 MW: 211.26 MOLFM: C8-H18-N2 N-Na-O2
SYN: 1,4-DIAMINE-N-BUTYL-2-BUTENE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with 1,4-DIAMINE-N-BUTYL-2-BUTENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate ENMUDM 5,101,83

EM4370000 2-BUTENE-1,4-DIAMINE, N-METHYL-, mixed with SODIUM NITRITE
UPDT:8306 MW: 169.19 MOLFM: C5-H12-N2 N-Na-O2
SYN: 1,4-DIAMINE-N-METHYL-2-BUTENE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with 1,4-DIAMINE-N-METHYL-2-BUTENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate ENMUDM 5,101,83

EM4550000 2-BUTENE, 1,4-DIBROMO-
UPDT:8407 CAS: 6974-12-5 MW: 213.92 MOLFM: C4-H6-Br2
SYN: 1,4-DIBROMO-2-BUTENE * TL 80
IRRITATION DATA AND REFERENCES:
skn-rbt 1 mg/24H AMIHBC 10,61,54
eye-rbt 50 ug open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:75 mg/kg AMIHBC 10,61,54
ihl-mus LCLo:1260 mg/m3/10M NDRC** NDCrc-132,Aug,42
ipr-mus LDLo:4 mg/kg CBCCT* 5,338,53
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EM4730000 BUTENE, DICHLORO-
UPDT:8308 CAS: 11069-19-5 MW: 125.00 MOLFM: C4-H6-Cl2
SYN: DICHLOROBUTENE (DOT) * DICHLOROBUTYLENE * NA 2924 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID, LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL, LABEL:CORROSIVE CFRGBR 49,172.101,82

EM4900000 2-BUTENE, 1,4-DICHLORO-
UPDT:8407 CAS: 764-41-0 MW: 125.00 MOLFM: C4-H6-Cl2
SYN: DCB * 1,4-DCB * 1,4-DICHLOROBUTENE 2 * 1,4-DICHLORO-2-BUTENE * RCRA WASTE NUMBER U074
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 20 mg open SEV AMIHBC 4,119,51
MUTATION DATA AND REFERENCES:
mmo-sat 1 mmol/L ARTODN 41,249,79
mma-sat 1 mmol/L ARTODN 41,249,79
sln-dmg-orl 2 mmol/L/2D-I 35WYAM -,63,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ihl-rat TCLo:5 ppm/6H (6-15D preg) TXAPA9 64,125,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:89 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:62 ppm/4H AMIHBC 4,119,51
* ivn-mus LD50:56 mg/kg CSLNX* NX#01103
skn-rbt LD50:620 mg/kg AMIHBC 4,119,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EM4903000 2-BUTENE, 1,4-DICHLORO-, (E)-
UPDT:8401 CAS: 110-57-6 MW: 125.00 MOLFM: C4-H6-Cl2
SYN: 2-BUTYLENE DICHLORIDE * 1,4-DICHLOROBUTENE-2 (Trans) * 1,4-DICHLORO-2-BUTENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 ipr-mus TDLo:150 mg/kg/77W-I CNREAB 35,2553,75
2V02V10 scu-mus TDLo:150 mg/kg/77W-I CNREAB 35,2553,75
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:86 ppm/4H AIHAM* -,-,68
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,149,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUTENEDIOIC ACID, (E)- see: LS9625000
BUTENEDIOIC ACID, (Z)- see: OM9625000
cis-BUTENEDIOIC ACID see: OM9625000
trans-BUTENEDIOIC ACID see: LS9625000
2-BUTENEDIOIC ACID, BIS(1,3-DIMETHYLBUTYL) ESTER see: OM9950000
2-BUTENEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER see: LT0525000
2-BUTENEDIOIC ACID, BIS(1-METHYLETHYL) ESTER see: ON1400000
2-BUTENEDIOIC ACID, DIBUTYL ESTER see: ON0875000
2-BUTENEDIOIC ACID, 2-((DIETHOXYPHOSPHINOTHIOYL)THIO)-, DIMETHYL ESTER, (Z)- see: CN4200000
2-BUTENEDIOIC ACID (Z)-, DIETHYL ESTER see: ON1225000

EM6125000 2-BUTENEDIOIC ACID, DIMETHYL ESTER, (E)-
UPDT:8307 CAS: 624-49-7 MW: 144.14 MOLFM: C6-H8-O4
SYN: ALLOMALEIC ACID DIMETHYL ESTER * BOLETIC ACID DIMETHYL ESTER * trans-BUTENEDIOIC ACID DIMETHYL ESTER * DIMETHYL FUMARATE * trans-1,2-ETHYLENEDICARBOXYLIC ACID DIMETHYL ESTER * FUMARIC ACID, DIMETHYL ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2240 mg/kg AIHAAP 30,470,69
skn-rbt LD50:1250 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

trans-BUTENEDIOIC ACID DIMETHYL ESTER see: EM6125000

2-BUTENEDIOIC ACID (E)-, IRON(2 +) SALT (1:1) (9CI) see: LT1950000
2-BUTENOIC ACID, 2-(1-METHYLHEPTYL)-4,6-DINITROPHENYL ESTER (9CI) see: GQ5775000
BUTENEDIOIC ACID, METHYL-, (E)- see: OX5075000
2-BUTENEDIOIC ACID, 2-METHYL-, (Z)- (9CI) see: GE6650000
2-BUTENEDIOIC ACID, 2-METHYL-, DIMETHYL ESTER (Z)- see: GE6700000
2-BUTENEDIOIC ACID, MONO(2-(2-HYDROXYETHOXY)ETHYL) ESTER see: ON2800000
2-BUTENEDIOIC ACID, MONO(2-HYDROXYPROPYL) ESTER see: ON3325000
cis-BUTENEDIOIC ANHYDRIDE see: ON3675000

EM7350000 1-BUTENE, 3,4-EPOXY-
UPDT:8401 CAS: 930-22-3 MW: 70.10 MOLFM: C4-H6-O
SYN: BUTADIENE MONOXIDE * 1,2-EPOXYBUTENE-3 * 3,4-EPOXY-1-BUTENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate — BBRCA9 80,298,78
mma-sat 100 umol/plate — MUREAV 97,204,82
mmo-esc 20 umol/L — ARTODN 46,277,80
dnd-esc 1 umol/L — ARTODN 46,277,80
mmo-k'p 1 umol/L — MUREAV 89,269,81
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:492 gm/kg/41W-I — JNCIAM 31,41,63
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:168 mg/kg — TXAPA9 52,422,80
ipr-mus LDLo:8 mg/kg — CBCCT* 1,44,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-BUTENE, 4-ISOTHIOCYANATO-1-(METHYLSULFINYL)- (9CI) see: NX8944000

EM7520000 BUTENE, 2-METHYL-
UPDT:8401 CAS: 26760-64-5 MW: 70.15 MOLFM: C5-H10
SYN: tert-AMYLENE * ISOAMYLENE * ISOPENTENE * ISOPENTENES (DOT) * METHYLBUTENE * 2-METHYLBUTENE * METHYL BUTENE (DOT) * UN 2371 (DOT) * UN 2460 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EM7550000 1-BUTENE, 2-METHYL-
CAS: 563-46-2 MW: 70.15 MOLFM: C5-H10
SYN: 2-METHYL-1-BUTENE * 2-METHYL-1-BUTENE (DOT) * UN 2459 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EM7600000 1-BUTENE, 3-METHYL-
UPDT:8312 CAS: 563-45-1 MW: 70.15 MOLFM: C5-H10
SYN: ISOPENTENE * 3-METHYL-1-BUTENE (DOT) * UN 2561 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EM7650000 2-BUTENE, 2-METHYL-
UPDT:8312 CAS: 513-35-9 MW: 70.15 MOLFM: C5-H10
SYN: AMYLENE * AMYLENE (DOT) * ETHYLENE, TRIMETHYL- * beta-ISO-AMYLENE * 2-METHYL-2-BUTENE * METHYL BUTENE (DOT) * 2-METHYL-2-BUTENE (DOT) * TRIMETHYLETHYLENE * UN 2460 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-BUTENE-4-NITRILE see: EM8050000

EM8050000 3-BUTENENITRILE
UPDT:8411 CAS: 109-75-1 MW: 67.10 MOLFM: C4-H5-N
SYN: ACETONITRILE, VINYL- * ALLYL CYANIDE * 1-BUTENE-4-NITRILE * beta-BUTENONITRILE * TL 350 * VINYLACETONITRILE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
orl-rat LD50:115 mg/kg — AIHAAP 30,470,69
ihl-rat LCLo:500 ppm/4H — AIHAAP 30,470,69
* orl-mus LD50:66770 ug/kg — ARTODN 55,47,84
ihl-mus LCLo:1000 mg/m3/10M — NDRC** NDCrc-132,Sept,42
skn-rbt LD50:1410 mg/kg — AIHAAP 23,95,62
ihl-gpg LC50:2500 mg/m3/4H — GISAAA 34(4),36,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EM8225000 3-BUTENENITRILE, 2-HYDROXY-
UPDT:8407 CAS: 5809-59-6 MW: 83.10 MOLFM: C4-H5-N-O
SYN: ACROLEIN, CYANOHYDRIN * GLYCOLONITRILE, VINYL- * 2-HYDROXY-3-BUTENENITRILE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open — AMIHBC 10,61,54
eye-rbt 50 ug open SEV — AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:65 mg/kg — AMIHBC 10,61,54
* ihl-rat LC50:16 ppm/4H — AMIHBC 10,61,54
* skn-rbt LD50:7500 ug/kg — AMIHBC 10,61,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EM8750000 2-BUTENE, 2-NITRO-
UPDT:8308 CAS: 4812-23-1 MW: 101.12 MOLFM: C4-H7-N-O2
SYN: 2-NITRO-2-BUTENE
IRRITATION DATA AND REFERENCES:
eye-hmn 1 ug/L — IMSUAI 27,375,58
skn-rbt 500 mg open SEV — AMIHAB 18,312,58
eye-rbt 50 mg SEV — AMIHAB 18,312,58
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:280 mg/kg — IMSUAI 34,800,65
ihl-rat LCLo:1400 ppm — AMIHAB 18,312,58
ipr-rat LDLo:80 mg/kg — TXAPA9 1,156,59
skn-rbt LDLo:620 mg/kg — IMSUAI 34,800,65

EM8980000 2-BUTENE, 1,1,1,2,3,4,4,4-OCTAFLUORO-
UPDT:8312 CAS: 360-89-4 MW: 200.04 MOLFM: C4-F8
SYN: FC 1318 * NA 2422 (DOT) * OCTAFLUOROBUTENE-2 * OCTAFLUOROBUT-2-ENE (DOT) * PERFLUOROBUT-2-ENE * PERFLUORO-2-BUTENE (DOT) * UN 2422 (DOT)
MUTATION DATA AND REFERENCES:
sln-dmg-ihl 99 pph/10M — ENVRAL 7,275,74
TOXICITY DATA AND REFERENCES:
3F17F22U01 ihl-rat LCLo:6100 ppm/4H — DUPON* 25JUL67
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

2-BUTENE-1-OL see: EM9275000
3-BUTENE-2-ONE see: EM9800000
1-BUTENE OXIDE see: EK3675000
1,2-BUTENE OXIDE see: EK3675000
2-BUTENEPEROXOIC ACID, 1,1-DIMETHYLETHYL ESTER see: SD9507000
TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:866 mg/kg — GISAAA 48(10),89,83

EM9045000 BUTENE, TRICHLORO-
UPDT:8312 CAS: 51023-22-4 MW: 159.44 MOLFM: C4-H5-Cl3
SYN: TRICHLOROBUTYLENE * TRICHLOROBUTENE * TRICHLOROBUTENE (DOT) * UN 2322 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

EM9046000 1-BUTENE, 2,3,4-TRICHLORO-
UPDT:8401 CAS: 7431-50-7 MW: 159.44 MOLFM: C4-H5-Cl3
SYN: 2,3,4-TRICHLOROBUTENE-1
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:341 mg/kg — GISAAA 46(1),92,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-BUTENOIC ACID see: GQ2800000
trans-2-BUTENOIC ACID see: CQ2800000
2-BUTENOIC ACID (9CI) see: GQ2800000
2-BUTENOIC ACID, 3-BROMO-4-(4-METHOXYPHENYL)-4-OXO-, SODIUM SALT,(Z)- see: AS4800000

EM9110600 3-BUTENOIC ACID, 4-(p-CHLOROPHENYL)-3-METHYL-
UPDT:8303 MW: 210.67 MOLFM: C11-H11-Cl-O2
SYN: 4-(p-CHLOROPHENYL)-3-METHYL-3-BUTENOIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:375 mg/kg — FRPSAX 16,23,61

EM9110700 2-BUTENOIC ACID, 4-(4-CHLOROPHENYL)-4-OXO-, (E)-
UPDT:8411 CAS: 29582-39-6 MW: 210.62 MOLFM: C10-H7-Cl-O3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:200 mg/kg — FRXXBL #2481118

2-BUTENOIC ACID, 3-CYCLOHEXYL- (9CI) see: GU6940000

EM9125000 2-BUTENOIC ACID, 4-(3,4-DICHLOROPHENYL)-4-OXO-, (E)-
UPDT:8411 MW: 245.06 MOLFM: C10-H6-Cl2-O3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg — FRXXBL #2481118

2-BUTENOIC ACID, 2,3-DICHLOR-4-OXO-, (Z)- (9CI) see: AS7700000
2-BUTENOIC ACID, 3-((DIETHOXYPHOSPHINYL)OXY)-, PHENYLMETHYL ESTER see: GQ4230000

EM9140000 2-BUTENOIC ACID, 4-(3,4-DIMETHOXYPHENYL)-4-OXO-, (E)-
UPDT:8411 MW: 236.24 MOLFM: C12-H12-O5
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg — FRXXBL #2481118

2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, (2-CHLOROPHENYL)METHYL ESTER see: GQ4350000
2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, (4-CHLOROPHENYL)METHYL ESTER (9CI) see: GQ4375000
2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, CYCLOHEXYL ESTER see: GQ4430000
2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, CYCLOHEXYLMETHYL ESTER see: GQ4460000
2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, DECYL ESTER see: GQ4490000
2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, (3,4-DIMETHYLPHENYL)METHYL ESTER see: GQ4520000
2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, METHYL ESTER (9CI) see: GQ5250000
2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, (2-METHYL-5-NITROPHENYL)METHYL ESTER see: GQ5290000
2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, 1-(3-NITROPHENYL)ETHYL ESTER see: GQ5280000
2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, (3-NITROPHENYL)METHYL ESTER (9CI) see: GQ5300000
2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, 1-PHENYLETHYL ESTER, (E)- (9CI) see: GQ5G75000
2-BUTENOIC ACID, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER see: RG5925500
2-BUTENOIC ACID, 3,7-DIMETHYL-6-OCTENYL ESTER see: RH3440000
2-BUTENOIC ACID, ETHENYL ESTER see: GQ5850000
2-BUTENOIC ACID, 3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY) ISOPROPYL ESTER see: GQ4750000
2-BUTENOIC ACID, 3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY)-, 1-METHYLETHYL ESTER, (E)- see: GQ4750000
trans-2-BUTENOIC ACID ETHYL ESTER see: GQ3500000
2-BUTENOIC ACID, ETHYL ESTER, (E)- (9CI) see: GQ3500000

EM9235500 2-BUTENOIC ACID, 4-(4-FLUOROPHENYL)-4-OXO-, (E)-
UPDT:8412 CAS: 35504-85-9 MW: 194.17 MOLFM: C10-H7-F-O3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg — FRXXBL #2481118

2-BUTENOIC ACID, HEXYL ESTER see: GQ4222000

EM9240000 2-BUTENOIC ACID, 4-HYDROXY-2-(HYDROXYMETHYL)-, 9-(ACETYLOXY)-2,3,3a,4,5,8,9,11a-OCTAHYDRO- 6,10-DIMETHYL-3-METHYLENE-2-OXOCYCLODECA(b)FURAN-4-YL ESTER, (3aR-(3aR*,4R*(E),6E,9R*,10Z, 11aR*))-
UPDT:8406 CAS: 64439-43-6 MW: 420.50 MOLFM: C22-H28-O8
SYN: EUPAFORMOSANIN
MUTATION DATA AND REFERENCES:
dni-mus:ast 2143 umol/L — JPMSAE 67,1235,78

EM9245000 2-BUTENOIC ACID, 4-HYDROXY-2-METHYL-, 1a,2,3,6,7,7a,8,9,10a,10b-DECAHYDRO-1a- (HYDROXYMETHYL)-5-METHYL-8-METHYLENE-9-OXOOXIRENO(9,10)CYCLODECA(1,2-b)FURAN-7-YL ESTER, (1aS-(1aR*,4E,7S*,(E),7aS*,10aR*,10bS*))-
UPDT:8406 CAS: 57718-77-1 MW: 378.46 MOLFM: C20-H26-O7
SYN: EUPAHYSSOPIN * EUPASSOPIN
MUTATION DATA AND REFERENCES:
dni-mus:ast 2143 umol/L — JPMSAE 67,1235,78

EM9251400 2-BUTENOIC ACID, 2-(HYDROXYMETHYL)-, (HEXAHYDRO-7-((2-METHYL-1-OXO-2-BUTENYL)OXY)-1H- PYRROLIZIN-1-YL)METHYL ESTER, (1S-(1-alpha(Z),7-alpha(Z)-7a-beta))-
UPDT:8402 CAS: 2492-09-3 MW: 347.56 MOLFM: C18-H37-N-O5
SYN: SARRACIN * SARRACINE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:218 mg/kg — FRBGAT 9,142,68

2-BUTENOIC ACID, 3-((METHOXYPHENOXYPHOSPHINYL)OXY), PHENYLMETHYL ESTER see: GQ4280000
2-BUTENOIC ACID, 3-METHYL- (9CI) see: GQ5425000
2-BUTENOIC ACID, 2-METHYL-, (E)- (9CI) see: GQ5430000

EM9252420 2-BUTENOIC ACID, 2-METHYL-, 7-((2,3-DIHYDROXY-2-(1-HYDROXYETHYL)-3-METHYL-1-OXOBUTOXY) METHYL)-2,3,5,7a-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 520-68-3 MW: 433.98 MOLFM: C20-H31-N-O7 Cl-H

BEST COPY AVAILABLE

SYN: ECHIMIDINE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
sln-dmg-par 20 umol/L ZEVBA5 91,74,60
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:200 mg/kg FRBGAT 9,142,68

EM9252440 2-BUTENOIC ACID, 2-METHYL-, 7-((2,3-DIHYDROXY-2-(1-HYDROXY-1-METHYLETHYL)-1-OXOBUTOXY) METHYL)-2,3,5,7a-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER, HYDROCHLORIDE
UPDT:8412 MW: 433.98 MOLFM: C20-H31-N-O7 Cl-H
SYN: CYNOGLOSSOFINE HYDROCHLORIDE * CYNOGLOSSOPHINE HYDROCHLORIDE * HELIOSUPINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:60 mg/kg FRBGAT 9,142,68

EM9252450 2-BUTENOIC ACID, 2-METHYL-, 7-((2,3-DIHYDROXY-2-(1-METHOXYETHYL)-3-METHYL-1-OXOBUTOXY) METHYL)-2,3,5,7a-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER, HYDROCHLORIDE, (1S-(1-alpha(Z),7(2S*, 3R*)-7a-alpha))-
UPDT:8412 MW: 448.01 MOLFM: C21-H33-N-O7 Cl-H
SYN: LASIOCARPINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:72 mg/kg FRBGAT 9,142,68

EM9252500 BUTENOIC ACID, 2-METHYL-, 7-((2,3-DIHYDROXY-2-(1-METHYLETHYL)-1-OXOBUTOXY)METHYL-2,3,5,7a- TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER
UPDT:8401 CAS: 22571-95-5 MW: 381.52 MOLFM: C20-H31-N-O6
SYN: SYMPHYTINE * 7-TIGLYLRETRONECINE VIRIDIFLORATE * 7-TIGLYL-9-VIRIDIFLORYLRETRONECINE
TUMORIGENIC DATA AND REFERENCES:
3V03H60L60 ipr-rat TDLo:780 mg/kg/56W-I JJIND8 63,469,79
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:130 mg/kg JJIND8 63,469,79
2A11L30 ipr-mus LD50:300 mg/kg EXPEAM 36,377,80
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PPTCBY 9,79,79
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 31,239,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-BUTENOIC ACID, 2-METHYL-, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E,E,E)- see: RG5927900
trans-2-BUTENOIC ACID METHYL ESTER see: GQ5710000

EM9253350 2-BUTENOIC ACID, 3-METHYL-, HEXAHYDRO-7-(((3-METHYL-1-OXO-2-BUTENYL)OXY)METHYL)-1H- PYRROLIZIN-1-YL ESTER, (1R-(1-alpha,7-alpha,7a-beta)-
UPDT:8408 CAS: 39818-40-1 MW: 321.46 MOLFM: C18-H27-N-O4
SYN: PLATYNECINE 7,9-BIS(SENECIOATE) * PLATYNECINE-7,9-SENECIOATE * 1H-PYRROLIZINE-1-METHANOL, HEXAHYDRO-7-HYDROXY-, BIS(3-METHYLCROTONATE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:116 mg/kg IJEBA6 14,34,76

EM9253400 2-BUTENOIC ACID, 2-METHYL-, 1,3,3a,4,14,14a-HEXAHYDRO-6,7,8-TRIMETHOXY-3-OXOBENZO(3,4)FURO (3',4':6,7)CYCLOOCTA(1,2-f)(1,3)BENZODIOXOL-14-YL ESTER, stereoisomer
UPDT:8311 CAS: 41451-69-8 MW: 496.55 MOLFM: C27-H28-O9
SYN: STEGANANGIN
MUTATION DATA AND REFERENCES:
oms-nml:oth 2 umol/L CNREA8 37,3071,77
oms-nml:oth 2 umol/L CNREA8 37,3071,77

EM9253500 2-BUTENOIC ACID, 2-METHYL-, 3-HEXENYL ESTER, (E,Z)-
UPDT:8305 CAS: 67883-79-8 MW: 182.29 MOLFM: C11-H18-O2
SYN: cis-3-HEXENYL-2-METHYL-trans-2-BUTENOATE * cis-3-HEXENYL TIGLATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,809,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-BUTENOIC ACID, 2-METHYL-, HEXYL ESTER, (E)- see: GQ5780000

EM9254500 2-BUTENOIC ACID, 2-METHYL, 1-ISOPROPYL ESTER (E)-
UPDT:8305 CAS: 1733-25-1 MW: 142.22 MOLFM: C8-H14-O2
SYN: ISOPROPYL 2-METHYL-2-BUTENOATE * ISOPROPYL alpha-METHYL CROTONATE * ISOPROPYL TIGLATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,839,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-BUTENOIC ACID, 3-METHYL-, 2-(1-METHYLPROPYL)-4,6-DINITROPHENYL ESTER (9CI) see: GQ5600000

EM9254800 2-BUTENOIC ACID, 2-METHYL-, 2,3,3a,4,5,8,11,11a-OCTAHYDRO-11-HYDROXY-6,10-DIMETHYL-3- METHYLENE-2,8-DIOXOCYCLODECA(b)FURAN-4-YL ESTER, (3aR-(3aR*,4S*(E),6E,9Z,11S*,11aS*))-
UPDT:8408 CAS: 56721-98-8 MW: 380.44 MOLFM: C20-H24-O6
SYN: MOLEPHANTININ
MUTATION DATA AND REFERENCES:
dni-mus:ast 2143 umol/L JPMSAE 67,1235,78

EM9255000 2-BUTENOIC ACID, 2-METHYL-, PHENETHYL ESTER
UPDT:8305 CAS: 55719-85-2 MW: 204.29 MOLFM: C13-H16-O2
SYN: PHENETHYL TIGLATE * PHENYLETHYL-alpha-METHYLBUTENOATE * PHENYLETHYL TIGLATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 13,909,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EM9257000 2(or 3)-BUTENOIC ACID, 3-METHYL-4-PHENYL-
UPDT:8303 CAS: 6052-53-5 MW: 176.23 MOLFM: C11-H12-O2
SYN: beta-BENZALBUTYRATE * beta-BENZALBUTYRIC ACID * beta-BENZYLIDENEBUTYRIC ACID * 3-METHYL-4-PHENYL-2(or 3)-BUTENOIC ACID * 3-METHYL-4-PHENYL-3-BUTENOIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#08423
* unk-mus LD50:520 mg/kg FRPSAX 16,23,61

EM9257500 2-BUTENOIC ACID, 2-METHYL, 2,3,5,7a-TETRAHYDRO-7-(HYDROXYMETHYL)-1H-PYRROLIZIN-1-YL ESTER, HYDROCHLORIDE
UPDT:8402 CAS: 723-78-4 MW: 273.79 MOLFM: C13-H19-N-O3 Cl-H
SYN: 7-ANGELOYLHELIOTRIDINE * O-7-ANGELYLHELIOTRIDINE * 7-ANGELYLHELIOTRIDINE * RIVULARINE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:260 mg/kg FRBGAT 9,142,68

EM9258000 3-BUTENOIC ACID, 3-METHYL-4-p-TOLYL-
UPDT:8303 MW: 190.26 MOLFM: C12-H14-O2
SYN: 3-METHYL-4-p-TOLYL-3-BUTENOIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:750 mg/kg FRPSAX 16,23,61

EM9259000 2-BUTENOIC ACID, 4-(2-NITROPHENYL)-4-OXO-, (E)-
UPDT:8412 MW: 221.18 MOLFM: C10-H7-N-O5
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRXXBL #2481118

2-BUTENOL see: EM9275000

EM9275000 2-BUTEN-1-OL
UPDT:8303 CAS: 6117-91-5 MW: 72.12 MOLFM: C4-H8-O
SYN: 2-BUTENE-1-OL * 2-BUTENOL * 2-BUTENYL ALCOHOL * CROTONYL ALCOHOL * CROTYL ALCOHOL
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate TCMUD8 1,259,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:930 mg/kg AIHAAP 23,95,62
* ihl-rat LCLo:2000 ppm/4H AIHAAP 23,95,62
* skn-rbt LD50:1270 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EM9275050 3-BUTEN-2-OL
UPDT:8310 CAS: 598-32-3 MW: 72.12 MOLFM: C4-H8-O
SYN: METHYL VINYL CARBINOL * PROPENOL, 1-METHYL
IRRITATION DATA AND REFERENCES:
eye-hmn 50 ppm/15M JIHTAB 28,262,46
MUTATION DATA AND REFERENCES:
mmo-sat 50 mmol/L MUREAV 93,305,82
mma-sat 50 mmol/L MUREAV 93,305,82
TOXICITY DATA AND REFERENCES:
2D09D35 ihl-hmn TCLo:50 ppm JIHTAB 28,262,46
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-BUTEN-O-beta-LACTONE see: RQ8225000

EM9472500 2-BUTEN-1-OL, 3-METHYL-
UPDT:8309 CAS: 556-82-1 MW: 86.15 MOLFM: C5-H10-O
SYN: DIMETHYLALLYL ALCOHOL * gamma,gamma-DIMETHYLALLYL ALCOHOL * 3,3-DIMETHYLALLYL ALCOHOL * 3-METHYL-2-BUTEN-1-OL * PRENOL * PRENYL ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,895,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:810 mg/kg FCTXAV 17,895,79
* skn-rbt LD50:3900 mg/kg FCTXAV 17,895,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EM9473700 2-BUTEN-1-OL, 3-METHYL-, ACETATE
UPDT:8401 CAS: 1191-16-8 MW: 128.19 MOLFM: C7-H12-O2
SYN: DIMETHYLALLYL ACETATE * 3,3-DIMETHYLALLYL ACETATE * gamma,gamma-DIMETHYLALLYL ACETATE * ISOPENT-2-ENYL ACETATE * 3-METHYL-2-BUTENYL ACETATE * PRENYL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),817,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3 gm/kg FCTOD7 20(Suppl),817,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EM9473900 2-BUTEN-1-OL, 3-METHYL-, BENZOATE
UPDT:8401 CAS: 5205-11-8 MW: 190.26 MOLFM: C12-H14-O2
SYN: BENZOIC ACID, 3-METHYL-2-BUTENYL ESTER * 3-METHYL 2-BUTENYL BENZOATE * PRENYL BENZOATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),819,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4700 mg/kg FCTOD7 20(Suppl),819,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EM9508000 2-BUTEN-1-OL, 3-METHYL-, SALICYLATE
UPDT:8401 CAS: 68555-58-8 MW: 206.26 MOLFM: C12-H14-O3
SYN: BENZOIC ACID, 2-HYDROXY-, 3-METHYL-2-BUTENYL ESTER * 3-METHYL-2-BUTENYL SALICYLATE * PRENYL SALICYLATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),821,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3200 mg/kg FCTOD7 20(Suppl),821,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

delta(sup 3)-2-BUTENONE see: EM9800000

EM9800000 3-BUTEN-2-ONE
UPDT:8408 CAS: 78-94-4 MW: 70.10 MOLFM: C4-H6-O
SYN: ACETONE, METHYLENE- * ACETYL ETHYLENE * 3-BUTENE-2-ONE * delta(sup 3)-2-BUTENONE * KETONE, METHYL VINYL * METHYLENE ACETONE * METHYL-VINYL-CETONE (French) * METHYLVINYLKETON (German) * METHYLVINYL KETONE * METHYL VINYL KETONE, inhibited (DOT) * gamma-OXO-alpha-BUTYLENE * UN 1251 (DOT) * VINYL METHYL KETONE
MUTATION DATA AND REFERENCES:
mmo-sat 250 umol/L MUREAV 93,305,82
mma-sat 250 umol/L MUREAV 93,305,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:31 mg/kg 85GMAT -,88,82
* ihl-rat LC50:7 mg/m3/4H 85GMAT -,88,82
* orl-mus LD50:33 mg/kg 85GMAT -,88,82
* ihl-mus LC50:8 mg/m3/2H 85GMAT -,88,82
ipr-mus LD50:80 mg/kg ZoIH## 23OCT75
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EM9825000 3-BUTEN-2-ONE, 3,4-BIS(p-METHOXYPHENYL)-
UPDT:8303 MW: 282.36 MOLFM: C18-H18-O3
SYN: 3,4-BIS(p-METHOXYPHENYL)-3-BUTEN-2-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-rat TDLo:75 mg/kg (30D pre) RPHRA6 20,395,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EM9879000 3-BUTEN-2-ONE, 4-(DIETHYLAMINO)-1,1-DIPHENYL-, MALEATE
UPDT:8303 MW: 409.52 MOLFM: C20-H23-N-O C4-H4-O4
SYN: 4-(DIETHYLAMINO)-1,1-DIPHENYL-3-BUTEN-2-ONE MALEATE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

EM9880000 3-BUTEN-2-ONE, 4-(DIETHYLAMINO)-1-PHENYL-1-(2-THIENYL)-, MALEATE
UPDT:8303 MW: 415.54 MOLFM: C18-H21-N-O-S C4-H4-O4
SYN: 4-(DIETHYLAMINO)-1-PHENYL-1-(2-THIENYL)-3-BUTEN-2-ONE MALEATE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

EM9910000 3-BUTEN-2-ONE, 1,1-DIPHENYL-4-MORPHOLINO-, HYDROCHLORIDE
UPDT:8303 MW: 343.88 MOLFM: C20-H21-N-O2 Cl-H
SYN: 1,1-DIPHENYL-4-MORPHOLINO-3-BUTEN-2-ONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

EM9930000 3-BUTEN-2-ONE, 1,1-DIPHENYL-4-PIPERIDINO-, HYDROCHLORIDE
UPDT:8303 MW: 341.91 MOLFM: C21-H23-N-O Cl-H
SYN: 1,1-DIPHENYL-4-PIPERIDINO-3-BUTEN-2-ONE HYDROCHLORIDE * PIPERIDINO-4 DIPHENYL 1,1 BUTENE-1 ONE-3 CHLORHYDRATE (French)
TOXICITY DATA AND REFERENCES:
3A11C17F07 scu-mus LD50:475 mg/kg CHTPBA 1(1),35,65

BEST COPY AVAILABLE

3A11C17F07 ivn-mus LD50:34 mg/kg CHTPBA 1(1),35,65

EM9935000 3-BUTEN-2-ONE, 1,1-DIPHENYL-4-(1-PYRROLIDINYL)-, HYDROCHLORIDE
UPDT:8303 M.W. 327.88 MOLFM: C20-H21-N-O Cl-H
SYN: 1,1-DIPHENYL-4-(1-PYRROLIDINYL)-3-BUTEN-2-ONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

3-BUTEN-2-ONE, 4-(2-FURANYL)-, POLYMERS see: EM9940000

EM9940000 3-BUTEN-2-ONE, 4-(2-FURYL)-, POLYMERS
UPDT:8406 MOLFM: (C8-H8-O2)n
SYN: 3-BUTEN-2-ONE, 4-(2-FURANYL)-, POLYMERS * FURFURALACETONE POLYMER * 2-FURFURYLIDENEACETONE POLYMER * POLYFURFURYLIDINEACETONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:325 mg/kg GISAAA 48(9),29,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EN0175000 3-BUTEN-2-ONE, 3-METHYL-
UPDT:8412 CAS: 814-78-8 MW: 84.13 MOLFM: C5-H8-O
SYN: ISOPROPENYL METHYL KETONE * KETONE, METHYL ISOPROPENYL * 3-METHYL-3-BUTEN-2-ON (German) * 2-METHYL-1-BUTEN-3-ONE * METHYL ISOPROPENYL KETONE * METHYL ISOPROPENYL KETONE, inhibited (DOT) * UN 1246 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 50 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:180 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:125 ppm/4H AMIHBC 4,119,51
ipr-mus LD50:490 mg/kg ZoIM## 23OCT75
skn-rbt LD50:230 mg/kg AMIHBC 4,119,51
orl-gpg LDLo:60 mg/kg 14CYAT 2,1754,63
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EN0270000 3-BUTEN-2-ONE, 4-MORPHOLINO-1-PHENYL-1-(2-THIENYL)-, HYDROCHLORIDE
UPDT:8303 MW: 349.90 MOLFM: C18-H19-N-O2-S Cl-H
SYN: 4-MORPHOLINO-1-PHENYL-1-(2-THIENYL)-3-BUTEN-2-ONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

EN0330000 3-BUTEN-2-ONE, 4-PHENYL-
UPDT:8310 CAS: 122-57-6 MW: 146.20 MOLFM: C10-H10-O
SYN: BENZALACETON (German) * BENZALACETONE * BENZYLIDENE ACETONE * 4-PHENYL-3-BUTEN-2-ONE * STYRYL METHYL KETONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1021,73
skn-gpg 1%/48H MOD JSCCA5 28,357,77
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1210 mg/kg ARZNAD 19,617,69
ivn-mus LD50:112 mg/kg ARZNAD 19,617,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EN0330050 3-BUTEN-2-ONE, 4-PHENYL-, (E)-
UPDT:8303 CAS: 1896-62-4 MW: 146.20 MOLFM: C10-H10-O
SYN: trans-BENZALACETONE * trans-BENZYLIDENACETONE * trans-BENZYLIDENEACETONE * METHYL trans-STYRYL KETONE * trans-4-PHENYL-3-BUTENE-2-ONE * TPBO
MUTATION DATA AND REFERENCES:
mma-sat 300 ug/plate FCTOD7 20,427,82

EN0333000 3-BUTEN-2-ONE, 1-PHENYL-4-PIPERIDINO-1-(2-THIENYL)-, HYDROCHLORIDE
UPDT:8303 MW: 347.93 MOLFM: C19-H21-N-O-S Cl-H
SYN: 1-PHENYL-4-PIPERIDINO-1-(2-THIENYL)-3-BUTEN-2-ONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

EN0333500 3-BUTEN-2-ONE, 1-PHENYL-4-(1-PYRROLIDINYL)-1-(2-THIENYL)-, HYDROCHLORIDE
UPDT:8303 MW: 333.90 MOLFM: C18-H19-N-O-S Cl-H
SYN: 1-PHENYL-4-(1-PYRROLIDINYL)-1-(2-THIENYL)-3-BUTEN-2-ONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

EN0340000 2-BUTEN-1-ONE, 1-(2,6,6-TRIMETHYLCYCLOHEX-1-ENYL)-, (E)-
UPDT:8305 MW: 192.33 MOLFM: C13-H20-O
SYN: FEMA 3243 * ROSE DIHYDROKETONE * (E)-1-(2,6,6-TRIMETHYLCYCLOHEX-1-ENYL)-2-BUTEN-1-ONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2920 mg/kg FCTXAV 13,487,75

EN0350000 3-BUTEN-2-ONE, 4-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-
UPDT:8305 CAS: 14901-07-6 MW: 192.33 MOLFM: C13-H20-O
SYN: beta-CYCLOCITRYLIDENEACETONE * beta-IONONE * 4-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE
TOXICITY DATA AND REFERENCES:
2F07F11 orl-rat LD50:4590 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EN0525000 3-BUTEN-2-ONE, 4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-
UPDT:8305 CAS: 127-41-3 MW: 192.33 MOLFM: C13-H20-O
SYN: alpha-CYCLOCITRYLIDENEACETONE * alpha-IONONE * 4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE
TOXICITY DATA AND REFERENCES:
2F07F11 orl-rat LD50:4590 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

beta-BUTENONITRILE see: EM8050000

2-BUTENYL ALCOHOL see: EM9275000

EN0703000 3-BUTENYLAMINE, N-ALLYL-N-NITROSO-
UPDT:8402 MW: 140.21 MOLFM: C7-H12-N2-O
SYN: N-ALLYL-N-NITROSO-3-BUTENYLAMINE * 3-BUTENYL-(2-PROPENYL)-N-NITROSAMINE
MUTATION DATA AND REFERENCES:
mma-sat 25U ug/plate MUREAV 68,195,79
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 scu-ham TDLo:15300 mg/kg/51W-I CDPRD4 4,79,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-(4-(3-(2-BUTENYLAMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-CYCLOHEXYL-UREA see: YS3580200

3-(3-(BUTEN-2-YLAMINO)PROPYL)-2-(p-NITROPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6216000

17-alpha-(2-BUTENYL)-17-HYDROXYESTR-4-EN-3-ONE see: KG7962300

17-alpha-(2-BUTENYL)-17-beta-HYDROXYESTR-4-EN-3-ONE see: KC7962300

BUTENYL(3-HYDROXYPROPYL)NITROSAMINE see: UA7495000

3-(3-BUTENYLNITROSAMINO)-1-PROPANOL see: UA7495000

2-BUTENYLPHENOL (mixed isomers) see: SJ8650000

3-BUTENYL-(2-PROPENYL)-N-NITROSAMINE see: EN0703000

BUTERAZINE see: TH8890000

meso-BUTESTROL see: SL1944800

BUTETHAL see: CQ1575000

BUTETHAMINE HYDROCHLORIDE see: KL4375000

BUTETHANOL see: DG4900000

BUTHIDAZOLE see: NJ0620000

BUTHIOBATE see: FG3414500

BUTHOID see: XH4375000

BUTHUS OCCITANUS TUNETANUS VENOM see: YX4183500

BUTIBATOL see: DN9205000

BUTIBUFEN see: ET5030000

BUTICAPS see: CQ1750000

BUTIDIONA see: UQ8225000

BUTIFOS see: TG5425000

n-BUTILAMINA (Italian) see: EO2975000

alpha-n-BUTILAMMINO-3-CLOROBUTIROANILIDE (Italian) see: ES5236000

alpha-n-BUTILAMMINO-3-CLORO-PROPIOANILIDE (Italian) see: UE4730000

alpha-n-BUTILAMMINO-3-TRIFLUOROMETIL-BUTIRROANILIDE (Italian) see: ES5237000

alpha-n-BUTILAMMINO-3-TRIFLUOROMETILPROPIONANILIDE (Italian) see: UE4736000

BUTILATE see: EZ7525000

BUTILCHLOROFOS see: ET0175000

BUTILCHLOROFOS see: DI3150000

4-t.BUTIL-1,2-DIFENIL-3,5-DICHETO-PIRAZOLIDINA (Italian) see: UQ8514500

BUTILE (ACETATI DI) (Italian) see: AF7350000

BUTILENE see: UQ8400000

BUTIL METACRILATO (Italian) see: OZ3675000

BUTILOPAN see: ET5030000

2-BUTIN HEXAMETHYL-DEWAR-BENZOL (German) see: DT7320000

BUTINOX see: JN8750000

BUTIPHOS see: TG5425000

BUTIROSIN A SULFATE see: WK2301500

BUTIROSIN B SULFATE see: WK2298500

EN2246000 BUTIROSIN SULFATE
UPDT:8402 CAS: 51022-98-1
SYN: AMBUTYROSIN * BUTIROSIN, SULFATE (salt)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:4070 mg/kg AMACCQ 2,87,72
* ivn-mus LD50:650 mg/kg AMACCQ 2,89,72

BUTIROSIN, SULFATE (salt) see: EN2246000

BUTISAN see: AE1140000

BUTISANE see: AE1140000

BUTISAN S see: AB5442000

BUTISERPAZIDE-25 see: ZG0350000

BUTISERPAZIDE-50 see: ZG0350000

BUTISERPINE see: ZG0350000

BUTISOL see: CQ1750000

BUTISULFINA see: YS4200000

BUTIWAS-SIMPLE see: UQ8225000

BUTOBARBITAL see: CQ1575000

BUTOBARBITONE see: CQ1575000

BUTOBARBITURAL see: CQ1575000

BUTOBEN see: DM1980000

BUTOCARBOXIM (German) see: EL9215000

BUTOCIDE see: XS8050000

BUTOCTAMIDE HYDROGEN SUCCINATE see: WM9670000

BUTOCTAMIDE SEMISUCCINATE see: WM9670000

meso-BUTOESTROL see: SL1944800

BUTOFLIN see: GZ1233000

BUTOKSYETYLOWY ALKOHOL (Polish) see: KJ8575000

BUTONATE see: ET0175000

BUTONE see: UQ8225000

BUTOPYRONOXYL see: UP7000000

BUTORPHANOL TARTRATE see: QC7795000

2-BUTOSSI-ETANOLO (Italian) see: KJ8575000

BUTOX see: GZ1233000

BUTOXICARBOXIM (German) see: EL9210000

BUTOXIDE see: XS8050000

BUTOXON see: ES9100000

BUTOXONE see: ES9100000

BUTOXONE AMINE see: ES9100000

BUTOXONE ESTER see: ES9100000

BUTOXONE SB see: ES9275000

o-BUTOXYACETANILIDE see: AD9700000

2'-BUTOXYACETANILIDE see: AD9700000

2-BUTOXY-AETHANOL (German) see: KJ8575000

3-BUTOXYAMIDINO-1-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YS3581000

2-BUTOXY-4-AMINOBENZOIC ACID beta-DIETHYLAMINOETHYL ESTER see: DG1501000

N-((BUTOXYAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YS3581000

4-BUTOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD2067000

4-sec-BUTOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD2067010

p-BUTOXYBENZOIC ACID 3-(2-METHYLPIPERIDINO)PROPYL ESTER HYDROCHLORIDE see: DG4590000

1-(p-BUTOXYBENZYL)HYDROURACIL see: MX8770000

8-(p-BUTOXYBENZYL)-3-alpha-HYDROXY-1-alpha-H,5-alpha-H-TROPANIUM BROMIDE (-)-TROPATE (ester) see: YM3460000

BUTOXYBENZYL HYOSCYAMINE BROMIDE see: YM3460000

p-BUTOXYBENZYL HYOSCYAMINIUM BROMIDE see: YM3460000 1-alpha-H,5-alpha-H-TROPANIUM, 8-(p-BUTOXYBENZYL)-3-alpha-HYDROXY-, BROMIDE, (-)-TROPATE

l-(1-(p-n-BUTOXYBENZYL)HYOSCYAMINIUM BROMIDE see: YM3460000 1-alpha-H,5-alpha-H-TROPANIUM,8-(p-BUTOXYBENZYL)-3-alpha-HYDROXY-, BROMIDE, (-)-TROPATE

1-(p-BUTOXYBENZYL)-5-METHYLHYDROURACIL see: MX8771000

1-(p-BUTOXYBENZYL)-5-METHYL-2-THIOHYDROURACIL see: MX8771200

1-(p-BUTOXYBENZYL)-2-THIOHYDROURACIL see: MX8772000

1-BUTOXYBUTANE see: EK5425000

p-BUTOXYCARBANILIC ACID 2-DIETHYLAMINOETHYL ESTER see: FD7630500

3-BUTOXYCARBANILIC ACID 2-HYDROXY-3-PIPERIDINOPROPYL ESTER HYDROCLORIDE see: FD7641400

2-BUTOXYCARBANILIC ACID 2-HYDROXY-3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE see: FD7641300

4-BUTOXYCARBANILIC ACID 2-HYDROXY-3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE see: FD7641500

t-BUTOXYCARBONYL AZIDE see: LQ5270000

tert-BUTOXYCARBONYL AZIDE (DOT) see: LQ5270000

BUTOXYCARBONYL CHLORIDE see: LQ5890000

1-(BUTOXYCARBONYLMETHYL)-1-(3-(o-CHLOROBENZYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4701000

2-BUTOXYCARBONYLMETHYLENE-4-OXOTHIAZOLIDONE see: XJ5131860

N-(2-BUTOXY-7-CHLOROBENZO(b)-1,5-NAPHTHYRIDIN-10-YL)-N'-(2-CHLOROETHYL)-1,3-PROPANEDIAMINE see: TX7033800

BEST COPY AVAILABLE

1-(beta-sec-BUTOXY-m-CHLOROPHENETHYL)PYRIDINIUM BROMIDE see: UU2701000 PYRIDINIUM, 1-(beta-sec-BUTOXY-m-CHLOROPHENETHYL)-, BROMIDE
1-(beta-sec-BUTOXY-p-CHLOROPHENETHYL)PYRIDINIUM BROMIDE see: UU2702000 PYRIDINIUM, 1-(beta-sec-BUTOXY-p-CHLOROPHENETHYL)-, BROMIDE
BUTOXYCINCHONINIC ACID DIETHYLETHYLENEDIAMIDE HYDROCHLORIDE see: GD3325000
1-BUTOXY-3-(DIBUTYLAMINO)-2-PROPANOL BENZOATE HYDROCHLORIDE see: UA7800000 2-PROPANOL, 1-BUTOXY-3-(DIBUTYLAMINO)-, BENZOATE (ester), HYDROCHLORIDE
1-BUTOXY-3-(DIBUTYLAMINO)-2-PROPANOL HYDROCHLORIDE see: UA7810000 2-PROPANOL, 1-BUTOXY-3-(DIBUTYLAMINO)-, HYDROCHLORIDE
2'-BUTOXY-2-DIETHYLAMINOACETANILIDE see: AD9710000
3'-BUTOXY-2-DIETHYLAMINO-ACETANILIDE see: AD9715000
4'-BUTOXY-2-DIETHYLAMINO-ACETANILIDE see: AD9718000
2-BUTOXY-N-(beta-DIETHYLAMINOETHYL)CINCHONINAMIDE see: GD3150000
2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)CINCHONINAMIDE see: GD3150000
2-BUTOXY-N-(2-DIETHYLAMINOETHYL)CINCHONINAMIDE HYDROCHLORIDE see: GD3325000
2-N-BUTOXY-N-(2-DIETHYLAMINOETHYL)CINCHONINAMIDE HYDROCHLORIDE see: GD3325000
2-BUTOXY-N-(2-DIETHYLAMINOETHYL)CINCHONINIC ACID AMIDE HYDROCHLORIDE see: GD3325000
BUTOXYDIETHYLENE GLYCOL see: KJ9100000
BUTOXYDIGLYCOL see: KJ9100000
4'-BUTOXY-N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYLCINNAMANILIDE see: GD7468000
BUTOXYETHANOL see: KJ8575000
n-BUTOXYETHANOL see: KJ8575000
2-BUTOXYETHANOL see: KJ8575000
2-BUTOXY-1-ETHANOL see: KJ8575000
2-sec-BUTOXYETHANOL see: KJ8660000
2,4,5-T BUTOXYETHANOL ESTER see: AJ8420000
2-BUTOXYETHANOL, PHOSPHATE see: KJ9800000
BUTOXYETHENE see: KN5950000
1-BUTOXY-2-ETHOXYETHANE see: KH6825000
2-(2-BUTOXYETHOXY)ETHANOL see: KJ9100000
2-(2-BUTOXYETHOXY)ETHANOL ACETATE see: KJ9275000
2-(2-(2-BUTOXYETHOXY)ETHOXY)ETHANOL see: KJ9450000
alpha-(2-(2-BUTOXYETHOXY)ETHOXY)-4,5-METHYLENEDIOXY-2-PROPYLTOLUENE see: XS8050000
alpha-(2-(2-n-BUTOXYETHOXY)-ETHOXY)-4,5-METHYLENEDIOXY-2-PROPYLTOLUENE see: XS8050000
5-((2-(2-BUTOXYETHOXY)ETHOXY)METHYL)-6-PROPYL-1,3-BENZODIOXOLE see: XS8050000
2-(2-BUTOXYETHOXY)ETHYL ACETATE see: KJ9275000
2-(2-BUTOXYETHOXY)ETHYL THIOCYANATE see: XK8400000
2-(2-(BUTOXY)ETHOXY)ETHYL THIOCYANIC ACID ESTER see: XK8400000
1-BUTOXYETHOXY-2-PROPANOL see: UA8050000
1-(2-BUTOXYETHOXY)-2-PROPANOL see: UA8050000
3-(2-BUTOXYETHOXY)PROPANOL see: UA7875000
m-BUTOXY-N-ETHYLCARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE see: FD7641000
4-(2-BUTOXYETHYL)-5-(2-(DIETHYLAMINO)ACETAMIDO)-3-METHYLISOXAZOLE see: NY2305000 ISOXAZOLE,4-(2-BUTOXYETHYL)-5-(2-(DIETHYLAMINO)ACETAMIDO)-3-METHYL-
4-(2-BUTOXYETHYL)-5-(2-(DIMETHYLAMINO)ACETAMIDO)-3-METHYLISOXAZOLE see: NY2306000ISOXAZOLE, 4-(2-BUTOXYETHYL)-5-(2-(DIMETHYLAMINO)ACETAMIDO)-3-METHYL-
2,4,5-T BUTOXYETHYL ESTER see: AJ8420000
1-(alpha-sec-BUTOXYETHYL)INDOLE see: NL5270000
N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIETHYLAMINO)-3-METHYLBUTYRAMIDE see: ES4303100 BUTYRAMIDE, N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIETHYLAMINO)-3-METHYL-
N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIETHYLAMINO)PROPIONAMIDE see: UE3175500PROPIONAMIDE, N-(4-(2-BUTOXYETHYL)-3-METHYL-5 ISOXAZOLYL)-2-(DIETHYLAMINO)-
N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIMETHYLAMINO)-3-METHYLBUTYRAMIDE see: ES4303200 BUTYRAMIDE, N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIMETHYLAMINO)-3-METHYL-
N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIMETHYLAMINO)PROPIONAMIDE see: UE3175600PROPIONAMIDE, N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIMETHYLAMINO)-
beta-BUTOXYETHYL PHTHALATE see: TI0175000
BUTOXYETHYL 2,4,5-T see: AJ8420000
2-BUTOXYETHYLVINYL ETHER see: KH7175000
(17R,21-alpha)-4-(3-BUTOXY-2-HYDROXYPROPYL)-17,21-DIHYDROXYAJMALANIUM see: AX8154000
(3-n-BUTOXY-2-HYDROXYPROPYL)PHENYL ETHER see: UA8400000
BUTOXYL see: EL4725000
BUTOXYL (DOT) see: EL4725000
N-BUTOXYMETHYL-2-CHLORO-2',6'-DIETHYLACETANILIDE see: AE1200000
N-(BUTOXYMETHYL)-2-CHLORO-N-(2,6-DIETHYLPHENYL)ACETAMIDE see: AE1200000
4-BUTOXY-2-METHYL-5-MORPHOLINO-3(2H)-PYRIDAZINONE see: UR4141500
2-sec-BUTOXY-5-NITROANILINE see: BW9430000
4'-BUTOXY-3-(OCTAHYDROAZOCIN-1-YL)PROPIOPHENONE HYDROCHLORIDE see: UG8670000
1-(beta-BUTOXY-p-OCTYLPHENETHYL)PYRIDINIUM BROMIDE see: UU2703000 PYRIDINIUM, 1-(beta-BUTOXY-p-OCTYLPHENETHYL)-, BROMIDE
1-(beta-BUTOXYPHENETHYL)PYRIDINIUM BROMIDE see: UU2704000 PYRIDINIUM, 1-(beta-BUTOXYPHENETHYL)-, BROMIDE
1-(beta-sec-BUTOXYPHENETHYL)PYRIDINIUM BROMIDE see: UU2705000 PYRIDINIUM, 1-(beta-sec-BUTOXYPHENETHYL)-, BROMIDE
2-(p-BUTOXYPHENOXY)-2'-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)ACETANILIDE see: AD9731000ACETANILIDE, 2-(p-BUTOXYPHENOXY)-2'-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-
see: AD9734500 ACETANILIDE, 2-(p-BUTOXYPHENOXY)-N-(2-(DIMETHYLAMINO)ETHYL)-2',5'-DIETHOXY-, HYDROCHLORIDE
2-(p-BUTOXYPHENOXY)-2',5'-DIETHOXY-N-(2-(1-PYRROLIDINYL)ETHYL)ACETANILIDE HYDROCHLORIDE see: AD9731200 ACETANILIDE, 2-(p-BUTOXYPHENOXY)-2',5'-DIETHOXY-N-(2-(1-PYRROLIDINYL)ETHYL)-,HYDROCHLORIDE
2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-m-ACETOPHENETIDIDE HYDROCHLORIDE see: AM4378600 m-ACETOPHENETIDIDE, 2-(p-BUTOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-,MONOHYDROCHLORIDE
2-(p-BUTOXYPHENOXY)-N-(3-(DIETHYLAMINO)PROPYL)-p-ACETANISIDIDE see: AE8291600 p-ACETANISIDIDE, 2-(p-BUTOXYPHENOXY)-N-(3-(DIETHYLAMINO)PROPYL)-
4-(2-(p-BUTOXYPHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE see: QD8572000
1-(2-(p-BUTOXYPHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE see: TM4990000
1-BUTOXY-3-PHENOXY-2-PROPANOL see: UA8400000
3-n-BUTOXY-1-PHENOXY-2-PROPANOL see: UA8400000
4-(3-(p-BUTOXYPHENOXY)PROPYL)-MORPHOLINE HYDROCHLORIDE see: QD8750000
N-(2-BUTOXYPHENYL)ACETAMIDE see: AD9700000
4'-BUTOXYPHENYL-beta-(1-HEPTAMETHYLENIMINO)-ETHYL KETONE HYDROCHLORIDE see: UG8670000
p-BUTOXYPHENYL gamma-MORPHOLINOPROPYL ETHER HYDROCHLORIDE see: QD8750000
2-(p-BUTOXYPHENYL)-3-(3-PROPYLAMINOPROPYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6217000
4'-BUTOXY-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE see: UG8750000
4-n-BUTOXY-beta-(1-PIPERIDYL)PROPIOPHENONE HYDROCHLORIDE see: UG8750000
BUTOXYPOLYPROPYLENE GLYCOL see: TR4680000
BUTOXYPROPANEDIOL POLYMER see: TR4680000
3-BUTOXY PROPANOIC ACID see: UE8225000
3-BUTOXY-1-PROPANOL see: UA7525000
n-BUTOXYPROPANOL (mixed isomer) see: UA7510000
3-BUTOXYPROPIONIC ACID see: UE8225000
3-BUTOXYPROPIONITRILE see: UG1225000
2-BUTOXY-4-QUINOLINECARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: VB0895000
2-BUTOXYQUINOLINE-4-CARBOXYLIC ACID DIETHYLAMINOETHYLAMIDE see: GD3150000
N-(8-BUTOXY-5-QUINOLYL)-2-(DIETHYLAMINO)ACETAMIDE DIHYDROCHLORIDE see: AB4838500
N-(8-BUTOXY-5-QUINOLYL)-2-(ISOPROPYLAMINO)ACETAMIDE DIHYDROCHLORIDE see: AB4838700
N-(8-BUTOXY-5-QUINOLYL)-4-MORPHOLINEACETAMIDE DIHYDROCHLORIDE see: QD6475100
N-(8-BUTOXY-5-QUINOLYL)-1-PIPERIDINEACETAMIDE DIHYDROCHLORIDE see: TM3505090
BUTOXYRHODANODIETHYL ETHER see: XK8400000
beta-BUTOXY-beta'-THIOCYANODIETHYL ETHER see: XK8400000
2-BUTOXY-2'-THIOCYANODIETHYL ETHER see: XK8400000
1-BUTOXY-alpha-(2-THIOCYANOETHOXY)ETHANE see: XK8400000
1-BUTOXY-2-(2-THIOCYANOETHOXY)ETHANE see: XK8400000
BUTOXYTRIETHYLENE GLYCOL see: KJ9450000
BUTOXYTRIGLYCOL see: KJ9450000
BUTOZ see: UQ8225000
BUTRALIN see: BW9500000
BUTRATE see: CQ1750000
BUTRIPTYLINE see: HO8887000
BUTRIPTYLINE HYDROCHLORIDE see: HP0350000
BUTRIZOL see: XZ4150000
BUTROPIUM BROMIDE see: YM3460000
BUTTER of ANTIMONY see: CC4900000
BUTTER OF ANTIMONY see: CC5075000
BUTTER of ARSENIC see: CG1750000
BUTTERCUP YELLOW see: GA9170000
BUTTERCUP YELLOW see: GB3290000
BUTTERCUP YELLOW see: GB3260000
BUTTERSAEURE (German) see: ES5425000
BUTTER YELLOW see: BX7350000
BUTTER YELLOW see: XU8800000
BUTTER OF ZINC see: ZH1400000
BUTURON see: YS6475000
BUTVAR see: TR4955000
beta-BUTX see: EI6201000
beta(sub 1)-BUTX see: EI6202000
BUTYLACETAT (German) see: AF7350000
BUTYL ACETATE see: AF7350000
n-BUTYL ACETATE see: AF7350000
sec-BUTYL ACETATE see: AF7380000
t-BUTYL ACETATE see: AF7400000
1-BUTYL ACETATE see: AF7350000
2-BUTYL ACETATE see: AF7380000
BUTYL ACETATE (DOT) see: AF7350000
sec-BUTYL ACETATE (DOT) see: AF7380000
tert-BUTYL ACETATE (DOT) see: AF7400000
1-tert-BUTYL AZIRIDINE see: CM6660100
BUTYLACETATEN (Dutch) see: AF7350000
BUTYLACETIC ACID see: MO5250000
BUTYL ACETOACETATE see: AK5100000
N-BUTYL-N-(1-ACETOXYBUTYL)NITROSAMINE see: EL1250000
BUTYL ACETOXYMETHYLNITROSAMINE see: AF7477000
N-BUTYL-N-(ACETOXYMETHYL)NITROSAMINE see: AF7477000
n-BUTYL ACID PHOSPHATE (DOT) see: TB8490000
BUTYL ACRYLATE see: UD3150000
n-BUTYL ACRYLATE see: UD3150000
BUTYLACRYLATE, inhibited (DOT) see: UD3150000
BUTYL ADIPATE see: AV0900000

EO1400000 BUTYL ALCOHOL

UPDT:B406 CAS: 71-36-3 MW: 74.14 MOLFM: C4-H10-O
SYN: ALCOOL BUTYLIQUE (French) * BUTANOL (French) * n-BUTANOL * 1-BUTANOL * BUTAN-1-OL * BUTANOL (DOT) * BUTANOLEN (Dutch) * BUTANOLO (Italian) * n-BUTYL ALCOHOL * BUTYL ALCOHOL (DOT) * BUTYL HYDROXIDE * BUTYLOWY ALKOHOL (Polish) * BUTYRIC a- NORMAL PRIMARY BUTYL ALCOHOL * CCS 203 * 1-HYDROXYBUTANE * METHYLOLPROPANE * NA 1120 (DOT) * PROPYLCARBINOL * PROPYLMETHANOL * RCRA WASTE NUMBER U031 * UN 1120 (DOT)

IRRITATION DATA AND REFERENCES:

eye-hmn 50 ppm	JIHTAB 25,282,43
skn-rbt 405 mg/24H MOD	BIOFX* 2-5/69
skn-rbt 500 mg/24H MOD	28ZPAK -,34,72
eye-rbt 1620 ug SEV	AJOPAA 29,1363,46
eye-rbt 20 mg/24H SEV	28ZPAK -,34,72

MUTATION DATA AND REFERENCES:

cyt-smc 10 mmol/tube	HEREAY 33,457,47

TOXICITY DATA AND REFERENCES:

3D07D25J30	ihl-hmn TCLo:25 ppm	JIHTAB 25,282,43
	orl-rat LD50:790 mg/kg	SAMJAF 43,795,69
	ihl-rat LC50:8000 ppm/4H	NPIRI* 1,10,74
	ipr-rat LDLo:970 mg/kg	AEPPAE 132,214,28
	orl-mus LDLo:3000 mg/kg	UCPHAQ 2,217,49
*	ivn-mus LD50:377 mg/kg	AIPTAK 135,330,62
	ivn-cat LDLo:6 mg/kg	JPETAB 16,1,20
	orl-rbt LDLo:4250 mg/kg	JLCMAK 10,985,25
	skn-rbt LD50:4200 mg/kg	31ZTAS -,75,68
	unk-rbt LDLo:3500 mg/kg	THMOAM 6,327,1892

REVIEW AND REFERENCES:

★ TLV-CL 50 ppm (skin)	DTLVS* 4,54,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 100 ppm (SCP-E)	FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1401
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
n-BUTYL ALCOHOL see: EO1400000

EO1750000 s-BUTYL ALCOHOL

UPDT:B407 CAS: 78-92-2 MW: 74.14 MOLFM: C4-H10-O
SYN: ALCOOL BUTYLIQUE SECONDAIRE (French) * sec-BUTANOL * BUTAN-2-OL * BUTANOL-2 * 2-BUTANOL * sec-BUTANOL (DOT) * BUTANOL SECONDAIRE (French) * 2-BUTYL ALCOHOL * BUTYLENE HYDRATE * CCS 301 * ETHYLMETHYL CARBINOL * 2-HYDROXYBUTANE * METHYLETHYLCARBINOL * S B A

IRRITATION DATA AND REFERENCES:

eye-rbt 16 mg open	AMIHBC 10,61,54

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

MUTATION DATA AND REFERENCES:
cyt-smc 10 mmol/tube — HEREAY 33,457,47
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6480 mg/kg — AMIHBC 10,61,54
ihl-rat LCLo:16000 ppm/4H — AMIHBC 10,61,54
ipr-mus LD50:771 mg/kg — SCCUR* -,2,61
* ivn-mus LD50:764 mg/kg — AIPTAK 135,330,62
orl-rbt LDLo:6000 mg/kg — JLCMAK 10,985,25
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppm; STEL 150 ppm — DTLVS* 4,55,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 150 ppm (SCP-E) — FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1401
REPORTED IN EPA TSCA INVENTORY, 1983

E01925000 tert-BUTYL ALCOHOL
UPDT:8412 CAS: 75-65-0 MW: 74.14 MOLFM: C4-H10-O
SYN: ALCOOL BUTYLIQUE TERTIAIRE (French) * t-BUTANOL * tert-BUTANOL (DOT) * BUTANOL TERTIAIRE (French) * t-BUTYL HYDROXIDE * 1,1-DIMETHYLETHANOL * METHANOL, TRIMETHYL- * 2-METHYL-2-PROPANOL * NCI-C55367 * 2-PROPANOL, 2-METHYL- * TRIMETHYLCARBINOL * UN 1120 (DOT)
MUTATION DATA AND REFERENCES:
cyt-smc 50 mmol/tube — HEREAY 33,457,47
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T71T81 orl-mus TDLo:103 gm/kg (6-20D preg) — JPETAB 222,294,82
1T72 orl-mus TDLo:135 gm/kg (6-20D preg) — JPETAB 222,294,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3500 mg/kg — SCIEAS 116,663,52
ipr-mus LD50:933 mg/kg — SCCUR* -,2,61
* ivn-mus LD50:1538 mg/kg — AIPTAK 135,330,62
orl-rbt LDLo:4500 mg/kg — JLCMAK 10,985,25
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppm; STEL 150 ppm — DTLVS* 4,55,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-E) — FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1400
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2-BUTYL ALCOHOL see: EO1750000
sec-BUTYL ALCOHOL ACETATE see: AF7380000
BUTYL ALCOHOL (DOT) see: EO1400000
BUTYL ALCOHOL, HYDROGEN PHOSPHITE see: HS6475000
BUTYL ALDEHYDE see: ES2275000
n-BUTYL ALDEHYDE see: ES2275000
sec-BUTYL ALLYL BARBITURIC ACID see: CP8225000
O-BUTYL ALLYLPHENYLPHOSPHINATE see: SZ4025000
BUTYLALYLONAL see: CQ0700000
3-BUTYLAMIDINO-1-(2,6-DIMETHYLPHENYL)-UREA HYDROCHLORIDE see: YS3710000
3-sec-BUTYLAMIDINO-1-(2,6-DIMETHYLPHENYL)-UREA HYDROCHLORIDE see: YT1461700
n-BUTYLAMIN (German) see: EO2975000

E02975000 BUTYLAMINE
UPDT:8408 CAS: 109-73-9 MW: 73.16 MOLFM: C4-H11-N
SYN: 1-AMINO-BUTAAN (Dutch) * 1-AMINOBUTAN (German) * 1-AMINOBUTANE * 1-BUTANAMINE * n-BUTILAMINA (Italian) * n-BUTYLAMIN (German) * n-BUTYLAMINE * BUTYLAMINE (DOT) * MONOBUTYLAMINE * MONO-n-BUTYLAMINE * NORVALAMINE * UN 1125 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open — JIHTAB 26,269,44
skn-rbt 500 mg open SEV — UCDS** 7/19/65
MUTATION DATA AND REFERENCES:
cyt-rat-orl 110 mg/kg — ZKKOBW 86,47,76
TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 ipr-mus TDLo:800 mg/kg — BCPCA6 2,168,59
TOXICITY DATA AND REFERENCES:
3F12F19J25 orl-rat LD50:366 mg/kg — TXAPA9 63,150,82
ihl-rat LCLo:4000 ppm/4H — JIHTAB 31,343,49
par-rat LDLo:600 mg/kg — JPETAB 20,435,23
* orl-mus LD50:430 mg/kg — 85GMAT -,28,82
* ihl-mus LC50:800 mg/m3/2H — 85GMAT -,28,82
skn-rbt LD50:850 mg/kg — UCDS** 7/19/65
* orl-gpg LD50:430 mg/kg — 85GMAT -,28,82
* skn-gpg LD50:370 mg/kg — JIHTAB 26,269,44
* unk-mam LD50:590 mg/kg — TPKVAL 14,80,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31
★ TLV-CL 5 ppm (skin) — DTLVS* 4,55,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 5 ppm (skin) (SCP-J) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S188*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTYLAMINE, tertiary see: EO3330000
n-BUTYLAMINE see: EO2975000

E03325000 sec-BUTYLAMINE
UPDT:8403 CAS: 13952-84-6 MW: 73.16 MOLFM: C4-H11-N
SYN: 2-AB * 2-AMINOBUTANE * 2-AMINOBUTANE BASE * BUTAFUME * 2-BUTANAMINE * DECCOTANE * FRUCOTE * PROPYLAMINE, 1-METHYL * TUTANE
TOXICITY DATA AND REFERENCES:
3F19F25J22 orl-rat LD50:152 mg/kg — TXAPA9 63,150,82
orl-dog LD50:225 mg/kg — 28ZEAL 5,33,76
skn-rbt LD50:2500 mg/kg — 28ZEAL 5,33,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

E03330000 tert-BUTYLAMINE
UPDT:8302 CAS: 75-64-9 MW: 73.16 MOLFM: C4-H11-N
SYN: 2-AMINOISOBUTANE * 2-AMINO-2-METHYLPROPANE * BUTYLAMINE, tertiary * 1,1-DIMETHYLETHYLAMINE * TRIMETHYLAMINOMETHANE
TOXICITY DATA AND REFERENCES:
3F19F25J22 orl-rat LD50:78 mg/kg — TXAPA9 63,150,82
orl-mus LD50:900 mg/kg — WQCHM* 4,-,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTYL AMINE, N-(1-ACETOXYMETHYL)-N-NITROSO- see: AF7477000

E03880000 BUTYLAMINE, 1,2-BIS(p-METHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8410 MW: 321.88 MOLFM: C18-H23-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:509 mg/kg — JAPMA8 39,354,50

E04077000 2-BUTYLAMINE, 3-(p-CHLOROPHENOXY)-3-METHYL-, HYDROCHLORIDE
UPDT:8402 MW: 250.19 MOLFM: C11-H16-Cl-N-O Cl-H
SYN: 3-(p-CHLOROPHENOXY)-3-METHYL-2-BUTYLAMINE HYDROCHLORIDE * 3-(4-CLORFENOSSI)-3-METILISOBUTILAMMINA CHLORIDRATO (Italian)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg — FRPSAX 38,664,83
BUTYLAMINE, 2-CYCLOHEXYL-2-ETHYL-, HYDROCHLORIDE see: GV1420000
BUTYLAMINE, 2-CYCLOHEXYL-, HYDROCHLORIDE see: GV2190000
BUTYLAMINE, 3-CYCLOHEXYL-, HYDROCHLORIDE see: GV6830000

E04460000 BUTYLAMINE, 1,3-DIMETHYL-
UPDT:8312 CAS: 108-09-8 MW: 101.22 MOLFM: C6-H15-N
SYN: 1,3-DIMETHYL BUTYLAMINE * 1,3-DIMETHYLBUTYLAMINE (DOT) * UN 2379 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:600 mg/kg — SCCUR* -,4,61
orl-mus LD50:470 mg/kg — SCCUR* -,4,61
ihl-mus LCLo:1278 ppm/15M — SCCUR* -,4,61
* ivn-mus LD50:80 mg/kg — CSLNX* NX#03558
skn-rbt LDLo:600 mg/kg — SCCUR* -,4,61
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

E04808000 BUTYLAMINE, N-(1,3-DIPHENYLPROPYL)-, HYDROCHLORIDE
UPDT:8406 MW: 303.91 MOLFM: C19-H25-N Cl-H
SYN: D-237
TOXICITY DATA AND REFERENCES:
2A11F13 ivn-mus LD50:15 mg/kg — JAPMA8 36,58 57
BUTYLAMINE (DOT) see: EO2975000

E04900000 BUTYLAMINE, 2-ETHYL-
UPDT:8407 CAS: 617-79-8 MW: 101.22 MOLFM: C6-H15-N
SYN: 1-BUTANAMINE, 2-ETHYL- * 2-ETHYLBUTYLAMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open — AMIHBC 10,61,54
eye-rbt 250 ug open SEV — AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:390 mg/kg — AMIHBC 10,61,54
* skn-rbt LD50:2000 mg/kg — AMIHBC 10,61,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

E05075000 BUTYLAMINE, N-ETHYL-N-NITROSO-
UPDT:8401 CAS: 4549-44-4 MW: 130.22 MOLFM: C6-H14-N2-O
SYN: AETHYL-n-BUTYL-NITROSOAMIN (German) * BUTANAMINE N-ETHYL-N-NITROSO- * ETHYL-n-BUTYLNITROSAMINE * N-ETHYL-N-NITROSOBUTYLAMINE * N-NITROSO-n-BUTYLETHYLAMINE * N-NITROSOETHYL-n-BUTYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 769 umol/L — ENMUDM 3,11,81
dns-rat:lvr 1 mmol/L — ENMUDM 3,11,81
dni-mus-ipr 20 gm/kg — ARGEAR 51,605,81
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:1000 mg/kg/29W-C — ARZNAD 19,1077,69
2V03K60 ivn-rat TDLo:1000 mg/kg/40W-I — ARZNAD 19,1077,69
2V01K60 orl-mus TDLo:2360 mg/kg/34W-C — NATWAY 50,717,63
TOXICITY DATA AND REFERENCES:
orl-rat LD50:380 mg/kg — NATWAY 50,100,63
ivn-rat LD50:380 mg/kg — ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

E05100000 tert-BUTYLAMINE, N-ETHYL-N-NITROSO-
UPDT:8401 CAS: 3398-69-4 MW: 130.22 MOLFM: C6-H14-N2-O
SYN: AETHYL-t-BUTYL-NITROSOAMIN (German) * t-BUTANAMINE, N-ETHYL-N-NITROSO- * EBNA * ETHYL-tert-BUTYLNITROSAMINE * ETHYL-t-BUTYLNITROSOAMINE * N-NITROSO-tert-BUTYLETHYLAMINE * N-NITROSOETHYL-tert-BUTYLAMINE
TUMORIGENIC DATA AND REFERENCES:
3V03K60R60 orl-rat TDLo:370 mg/kg — NATWAY 50,735,63
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1600 mg/kg — NATWAY 50,100,63
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

E05207000 BUTYLAMINE, N-(HYDROPEROXYMETHYL)-N-NITROSO-
UPDT:8303 MW: 148.19 MOLFM: C5-H12-N2-O3
SYN: N-BUTYL-N-(HYDROPEROXYMETHYL)NITROSAMINE * N-(HYDROPEROXYMETHYL)-N-NITROSOBUTYLAMINE
MUTATION DATA AND REFERENCES:
msc-ham:lng 100 umol/L — GANNA2 73,522,82

E05207500 BUTYLAMINE, 1-(HYDROPEROXY)-N-METHYL-N-NITROSO-
UPDT:8303 MW: 148.19 MOLFM: C5-H12-N2-O3
SYN: 1-(HYDROPEROXY)-N-METHYL-N-NITROSOBUTYLAMINE * N-METHYL-N-(alpha-HYDROPEROXYBUTYL)NITROSAMINE
MUTATION DATA AND REFERENCES:
msc-ham:lng 50 umol/L — GANNA2 73,522,82

E05226000 BUTYLAMINE, N-METHOXYMETHYL-N-NITROSO-
UPDT:8308 MW: 146.22 MOLFM: C6-H14-N2-O2
SYN: BUTYL-METHOXYMETHYLNITROSAMINE
MUTATION DATA AND REFERENCES:
cyt-ham:fbr 1 gm/L/48H — MUREAV 48,337,77

E05227000 sec-BUTYLAMINE, N-METHOXYMETHYL-N-NITROSO-
UPDT:8308 MW: 146.22 MOLFM: C6-H14-N2-O2
SYN: sec-BUTYL-METHOXYMETHYLNITROSAMINE * N-METHOXYMETHYL-N-NITROSO-sec-BUTYLAMINE
MUTATION DATA AND REFERENCES:
cyt-ham:fbr 2 gm/L/48H — MUREAV 48,337,77

E05250000 BUTYLAMINE, N-METHYL-
UPDT:7908 CAS: 110-68-9 MW: 87.19 MOLFM: C5-H13-N
SYN: METHYLBUTYLAMINE * N-(METHYL) BUTYL AMINE * N-METHYL-n-BUTYLAMINE * N-METHYLBUTYLAMINE (DOT) * UN 2945 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open — AIHAAP 23,95,62
eye-rbt 74 mg SEV — UCDS** 7/6/70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:420 mg/kg — UCDS** 7/6/70
ihl-rat LCLo:2000 ppm/4H — UCDS** 7/6/70
1R10 skn-rbt LD50:1260 mg/kg — AIHAAP 23,95,62
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

E05425000 BUTYLAMINE, N-METHYL-N-NITROSO-

UPDT:8406 CAS: 7068-83-9 MW: 116.19 MOLFM: C5-H12-N2-O

SYN: BUTANAMINE, N-METHYL-N-NITROSO- * MBNA * METHYL-BUTYL-NITROSAMIN (German) * METHYLBUTYLNITROSAMINE * METHYL-n-BUTYLNITROSAMINE * N-METHYL-N-NITROSOBUTYLAMINE * N-NITROSO-n-BUTYLMETHYLAMINE * NITROSOMETHYL-n-BUTYLAMINE * N-NITROSOMETHYL-N-BUTYLAMINE * N-NITROSO-N-METHYL-N-n-BUTYLAMINE * NMBA

MUTATION DATA AND REFERENCES:

	mma-sat 1 mg/plate	TCMUD8 1,295,80
	mma-sat 10 umol/plate	MUREAV 48,121,77
	mma-esc 100 umol/L	MUREAV 26,361,74

TUMORIGENIC DATA AND REFERENCES:

2V03K60	orl-rat TDLo:128 mg/kg/20W-I	CRNGDP 1,157,80
2V03D09	ihl-rat TDLo:31 mg/kg/30W-I	ZEKBAI 75,221,71
3V01D09K60	orl-mus TDLo:182 mg/kg/1Y-C	85DUA4 -,129,70
3V03D09K60	scu-mus TDLo:90 mg/kg/50W-I	85DUA4 -,129,70
2V03K60	ihl-rat TD :69 mg/kg/23W	ARZNAD 19,1077,69
2V03D09	ihl-rat TD :100 mg/kg/24W-I	ZEKBAI 75,221,71
2V03K60	ihl-rat TD :69 mg/kg/23W-I	ZEKBAI 71,135,68
3V03D09K60	orl-rat TD :160 mg/kg/20W-I	JJINDB 70,959,83

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:130 mg/kg	BJIMAG 19,276,62
	ihl-rat LD50:90 mg/kg	ZEKBAI 71,135,68
2J30L30	ipr-rat LD50:120 mg/kg	BIJOAK 85,72,62
	scu-rat LD50:90 mg/kg	ZEKBAI 71,135,68
	orl-mus LD50:25 mg/kg	85DUA4 -,129,70
	scu-mus LD50:10 mg/kg	85DUA4 -,129,70

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

E05730000 BUTYLAMINE, N-NITROSO-

UPDT:8311 CAS: 56375-33-8 MW: 102.16 MOLFM: C4-H10-N2-O

SYN: BUTANAMINE, N-NITROSO- * BUTYLNITROSAMINE * N-NITROSOBUTYLAMINE

MUTATION DATA AND REFERENCES:

	cyt-rat-orl 350 mg/kg	ZKKOBW 86,47,76

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: BLFSBY 24,253,83

BUTYLAMINE, N-NITROSODI- see: EJ4025000

BUTYLAMINE, N-NITROSO-N-PROPYL- see: EJ4100000

BUTYL-1-AMINIUM, 4-((((3-CHLOROPHENYL)AMINO)CARBONYL)OXY)-N,N,N-TRIMETHYL-, CHLORIDE see: BR0318000

BUTYL p-AMINOBENZOATE see: DG1530000

p-BUTYLAMINOBENZOIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE see: DG4713000

p-(BUTYLAMINO)BENZOIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER see: DG4725000

p-(BUTYLAMINO)BENZOIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE see: DG4900000

p-(BUTYLAMINO)BENZOIC ACID 2-(METHYL(2-(METHYLTHIO)ETHYL)AMINO)ETHYL ESTER HYDROCHLORIDE see: DG4905200

p-BUTYLAMINOBENZOYL-2-DIMETHYLAMINOETHANOL see: DG4725000

p-BUTYLAMINOBENZOYL-2-DIMETHYLAMINOETHANOL HYDROCHLORIDE see: DG4900000

2-(BUTYLAMINO)-3'-CHLOROBUTYRANILIDE see: ES5236000

2-tert-BUTYLAMINO-4-CHLORO-6-ETHYLAMINO-s-TRIAZINE see: XY4550000

2-(BUTYLAMINO)-2'-CHLORO-6-METHYLACETANILIDE HYDROCHLORIDE see: AD9822000

2-(BUTYLAMINO)-3'-CHLORO-PROPIONANILIDE see: UE4730000

(+ -)-alpha-tert-BUTYLAMINO-3-CHLOROPROPIOPHENONE HYDROCHLORIDE see: UG8858000

2-(BUTYLAMINO)-6'-CHLORO-o-VALEROTOLUIDIDE HYDROCHLORIDE see: YV9101000

p-BUTYLAMINO-N-(2-(DIETHYLAMINO)ETHYL)BENZAMIDE DIHYDROCHLORIDE see: CV2442100

1-tert-BUTYLAMINO-3-(o-(1,3-DIOXAN-2-YL)PHENOXY)-2-PROPANOL MALEATE see: UA8457000

2-BUTYLAMINOETHANOL see: KK0175000

2-n-BUTYLAMINOETHANOL see: KK0175000

2-sec-BUTYLAMINO-4-ETHYLAMINO-6-METHOXY-s-TRIAZINE see: XY4980000

2-sec-BUTYLAMINO-4-ETHYLAMINO-6-METHOXY-1,3,5-TRIAZINE see: XY4980000

2-tert-BUTYLAMINO-4-ETHYLAMINO-6-METHOXY-s-TRIAZINE see: XY5020000

2-tert-BUTYLAMINO-4-ETHYLAMINO-6-METHOXY-1,3,5-TRIAZINE see: XY5020000

2-tert-BUTYLAMINO-4-ETHYLAMINO-6-METHYLMERCAPTO-s-TRIAZINE see: XY4725000

2-tert-BUTYLAMINO-4-ETHYLAMINO-6-METHYLTHIO-s-TRIAZINE see: XY4725000

2-n-BUTYLAMINOETHYL GENTISATE HYDROCHLORIDE see: LY3852700

3-(2-(tert-BUTYLAMINO)ETHYL)-6-HYDROXYBENZYL ALCOHOL SULFATE (2:1) see: DN8783000

tert-BUTYLAMINOETHYL METHACRYLATE see: OZ3500000

2-(tert-BUTYLAMINO)ETHYL METHACRYLATE see: OZ3500000

6-(2-(tert-BUTYLAMINO)-1-HYDROXYETHYL)-3-HYDROXY-2-PYRIDINEMETHANOL DIHYDROCHLORIDE see: US9105000

2-(tert-BUTYLAMINO)-3-(4-HYDROXY-3-HYDROXYMETHYLPHENYL)ETHANOL see: ZE4400000

2-BUTYLAMINO-1-p-HYDROXYPHENYLETHANOL see: DN9200000

o-(3-(tert-BUTYLAMINO)-2-HYDROXYPROPOXY)BENZONITRILE see: DI2530000

o-(3-tert-BUTYLAMINO-2-HYDROXYPROPOXY)BENZONITRILE HYDROCHLORIDE see: DI2540000

5-(3-tert-BUTYLAMINO-2-HYDROXY)PROPOXY-3,4-DIHYDROCARBOSTYRIL HYDROCHLORIDE see: VC8282000

5-(3-tert-BUTYLAMINO-2-HYDROXY-PROPOXY)-3,4-DIHYDRO-2(1H)-CHINOLINON-HYDROCHLORID (German) see: VC8282000

8-(3-tert-BUTYLAMINO-2-HYDROXY)PROPOXY-5-METHYLCOUMARIN HYDROCHLORIDE see: DJ3028000

N-((BUTYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YS3710000

(-)-1-(tert-BUTYLAMINO)-3-((4-MORPHOLINO-1,2,5-THIADIAZOL-3-YL)OXY)-2-PROPANOL MALEATE see: UA8475000

alpha-((sec-BUTYLAMINO)METHYL)BENZHYDROL see: DC7540000

alpha-((tert-BUTYLAMINO)METHYL)BENZHYDROL see: DC7540010

alpha-((tert-BUTYLAMINO)METHYL)-o-CHLOROBENZYL ALCOHOL HYDROCHLORIDE see: DN8785000

alpha-(tert-BUTYLAMINO)METHYL-2-CHLOROBENZYL ALCOHOL HYDROCHLORIDE see: DN8785000

(+ -)-alpha-((sec-BUTYLAMINO)METHYL)-3,4-DIHYDROXYBENZYL ALCOHOL ACETATE see: DN8980000

(+ -)-alpha-((tert-BUTYLAMINO)METHYL)-3,4-DIHYDROXYBENZYL ALCOHOL ACETATE see: DN8981000

(+ -)-alpha-((BUTYLAMINO)METHYL)-3,4-DIHYDROXYBENZYL ALCOHOL HYDROCHLORIDE see: DN8982000

alpha-((tert-BUTYLAMINO)METHYL)-3,5-DIHYDROXYBENZYL ALCOHOL SULFATE (2:1) (SALT) see: DN9000000

alpha-((BUTYLAMINO)METHYL)-4-HYDROXYBENZENE-METHANOL see: DN9200000

alpha-((BUTYLAMINO)METHYL)-p-HYDROXYBENZYL ALCOHOL see: DN9200000

alpha-(tert-BUTYLAMINOMETHYL)-p-HYDROXYBENZYL ALCOHOL see: DN9202000

alpha-((BUTYLAMINO)METHYL)-p-HYDROXYBENZYL ALCOHOL SULFATE see: DN9205000

alpha'-((tert-BUTYLAMINO)METHYL)-4-HYDROXY-m-XYLENE-alpha,alpha'-DIOL see: ZE4400000

(m-BUTYLAMINOPHENYL)PHOSPHONIC ACID see: SZ6915000

2-(BUTYLAMINO)-2-METHYL-1-PROPANOL BENZOATE HYDROCHLORIDE see: UA8467000

1-(tert-BUTYLAMINO)-3-(5-METHYL-3-THIENYLOXY)-2-PROPANOL see: UA8472000

2-(BUTYLAMINO)-N-METHYL-N-(1-(2,6-XYLYLOXY)-2-PROPYL)ACETAMIDE HYDROCHLORIDE see: AB4843000

DL-3-(tert-BUTYLAMINO)-1-(2-NITRO-5-METHYLPHENOXY)-2-PROPANOL see: UA8485000

2-(BUTYLAMINO)-1-(p-NITROPHENYL)ETHANOL HYDROCHLORIDL see: KK0380000

3-(BUTYLAMINO)-4-PHENOXY-5-SULFAMOYLBENZOIC ACID see: DG4910000

1-n-BUTYLAMINO-1-PHENYLHEPTANE HYDROCHLORIDE see: MK0883000

p-(2-(BUTYLAMINO)PROPIONAMIDO)BENZOIC ACID ETHYL ESTER HYDROCHLORIDE see: DG4911100 BENZOICACID, p-(2-(BUTYLAMINO)PROPIONAMIDO)-, ETHYL ESTER, HYDROCHLORIDE

3-(3-BUTYLAMINOPROPYL)-2-(p-CHLOROPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6218000

3-(3-BUTYLAMINOPROPYL)-2-(3,4-DIMETHOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6218200

3-(3-BUTYLAMINOPROPYL)-5-ETHYL-2-PHENYL-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6218400

3-(3-BUTYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6218600

3-(3-BUTYLAMINOPROPYL)-2-PHENYL-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6218800

4-n-BUTYLAMINOPYRROLO(3,2-d)PYRIMIDINE see: UY8830000

sec-BUTYL p-AMINOSALICYLATE see: VO1460000

p-BUTYLAMINOSALICYLIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: VO1925000

4-(N-BUTYLAMINO)-1,2,3,4-TETRAHYDROACRIDINE HYDROCHLORIDE see: AR9534020

1-(tert-BUTYLAMINO)-3-(o-((TETRAHYDROFURFURYL)OXY)PHENOXY)-2-PROPANOL HYDROCHLORIDE see: UA8500000

1-(tert-BUTYLAMINO)-3-(2-THIENYLOXY)-2-PROPANOL see: UA8505200

1-(tert-BUTYLAMINO)-3-(3-THIENYLOXY)-2-PROPANOL see: UA8505300

2-(BUTYLAMINO)-3'-(TRIFLUOROMETHYL)BUTYRANILIDE see: ES5237000

2-(BUTYLAMINO)-3'-(TRIFLUOROMETHYL)PROPIONANILIDE see: UE4736000

2-(BUTYLAMINO)-2',4',6'-TRIMETHYLACETANILIDE see: AD9825000

BUTYLAMYLNITROSAMIN (German) see: SC0450000

N-BUTYLANILINE see: BW9450000

N-(n-BUTYL)ANILINE see: BW9450000

N-n-BUTYLANILINE (DOT) see: BW9450000

N-BUTYLANTHRANILIC ACID see: CB2559160

BUTYLATE see: EZ7525000

BUTYLATED HYDROXYANISOLE see: SL1945000

BUTYLATED HYDROXYTOLUENE see: GO7875000

BUTYLATE, plus R-25788 see: WU5800000

BUTYLATE 2,4,5-T see: AJ8485000

1-tert-BUTYLAZETIDIN-3-OL p-AMINOBENZOATE HYDROCHLORIDE see: CM4398000

1-(1-tert-BUTYL-3-AZETIDINYL)GUANIDINE see: ME8927000

10-(1-tert-BUTYL-3-AZETIDINYL)PHENOTHIAZINE HYDROCHLORIDE see: SN5720000

tert-BUTYL AZIDOFORMATE see: LQ5270000

N-BUTYLAZIRIDINE see: CM6660000

1-BUTYLAZIRIDINE see: CM6660000

5-n-BUTYL-1,2-BENZANTHRACENE see: CW0700000

n-BUTYLBENZENE see: CY9070000

sec-BUTYLBENZENE see: CY9100000

tert-BUTYLBENZENE see: CY9120000

n-BUTYLBENZENE (DOT) see: CY9070000

sec-BUTYLBENZENE (DOT) see: CY9100000

tert-BUTYLBENZENE (DOT) see: CY9120000

alpha-BUTYLBENZENEMETHANOL see: DN8780000

S-BUTYL-2-BENZIMIDAZOLECARBAMIC ACID METHYL ESTER see: DD6495000

N-(BUTYL-5, BENZIMIDAZOLYL)-2, CARBAMATE DE METHYLE (French) see: DD6495000

(4-BUTYL-1H-BENZIMIDAZOL-2-YL)-CARBAMIC ACID METHYL ESTER see: DD6495000

BUTYL BENZOATE see: DG4925000

n-BUTYL BENZOATE see: DG4925000

1-BUTYL-7,8-BENZO-1,3-DIAZASPIRO(4.5)DECANE-2,4-DIONE see: WH1310700

2-BUTYL-3-BENZOFURANYL p-((2-DIETHYLAMINO)ETHOXY)-m,m-DIIODOPHENYL KETONE see: OB1360000

p-tert-BUTYL BENZOIC ACID see: DG4708000

p-tert-BUTYLBENZOIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE see: DG4913000

p-tert-BUTYLBENZOIC ACID 2-DIETHYLAMINOPROPYL ESTER HYDROCHLORIDE see: DG4913100

p-tert-BUTYLBENZOIC ACID 3-DIETHYLAMINOPROPYL ESTER HYDROCHLORIDE see: DG4913200

p-tert-BUTYLBENZOIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE see: DG4929000

N-tert-BUTYL-2-BENZOTHIAZOLESULFENAMIDE see: DL6200000

alpha-BUTYLBENZYL ALCOHOL see: DN8780000

1-(p-tert-BUTYLBENZYL)-4-(p-CHLORODIPHENYLMETHYL)PIPERAZINE DIHYDROCHLORIDE see: TL0280000

1-(p-tert-BUTYLBENZYL-4-p-CHLORO-alpha-PHENYLBENZYL)PIPERAZINE DIHYDROCHLORIDE see: TL0280000

alpha-BUTYLBENZYL ESTER of SUCCINIC ACID see: WM5550000

O-BUTYL-S-BENZYL-S-ETHYL PHOSPHORODITHIOATE see: TD5100000

p-(3-(p-tert-BUTYLBENZYL)-3-METHYL-1-TRIAZENO)BENZOIC ACID see: DG4911700

BUTYL BENZYL PHTHALATE see: TH9990000

n-BUTYL BENZYL PHTHALATE see: TH9990000

O-n-BUTYL BENZYLXANTHATE see: FG1050000

O-n-BUTYL-S-BENZYL-XANTHATE see: FG1050000

t-BUTYL-BICYCLOPHOSPHATE see: TY3700000

N-BUTYLBIGUANIDE HYDROCHLORIDE see: DU1135000

N(sup 1)-n-BUTYLBIGUANIDE HYDROCHLORIDE see: DU1135000

1-BUTYLBIGUANIDE HYDROCHLORIDE see: DU1135000

1-sec-BUTYLBIGUANIDE MONOHYDROCHLORIDE see: DU1135100

1-tert-BUTYLBIGUANIDE MONOHYDROCHLORIDE see: DU1135200

n-BUTYL-N,N-BIS(HYDROXYETHYL)AMINE see: KK0525000

i-BUTYL BROMIDE see: TX4140000

sec-BUTYL BROMIDE see: EJ6228000

tert BUTYL BROMIDE see: TX4150000

BUTYL BROMIDE (DOT) see: EJ6225000

BUTYL BROMIDE, NORMAL (DOT) see: EJ6225000

5-sec-BUTYL-5-(beta-BROMOALLYL)BARBITURIC ACID see: CQ0700000

N-BUTYL-1-BUTANAMINE see: HR7780000

BUTYL BUTANEDIOATE see: WM6250000

n-BUTYL n-BUTANOATE see: ES8120000

BUTYL-BUTANOL(4)-NITROSAMIN (German) see: EL1225000

BUTYL-BUTANOL-NITROSAMINE see: EL1225000

BUTYL 2-BUTOXYCYCLOPROPANE-1-CARBOXYLATE see: GZ1225000

BUTYL 4-tert-BUTYLBENZYL N-(3-PYRIDYL)DITHIOCARBONIMIDATE see: FG3414500

S-n-BUTYL S'-p-tert-BUTYLBENZYL N-3-PYRIDYLDITHIOCARBONIMIDATE see: FG3414500

N-sec-BUTYL-4-tert-BUTYL-2,6-DINITROANILINE see: BW9500000

BUTYL BUTYRATE see: ES8120000

n-BUTYL BUTYRATE see: ES8120000

n-BUTYL n-BUTYRATE see: ES8120000

BUTYL BUTYROLACTATE see: ES8123000

gamma-n-BUTYL-gamma-BUTYROLACTONE see: LU3562000

BUTYL BUTYRYL LACTATE see: ES8123000

BUTYLCAPTAX see: DL2940000 BENZOTHIAZOLE, 2-(BUTYLTHIO)-

BUTYL CARBAMATE see: EZ0175000

BUTYLCARBAMIC ACID (((2-CHLORO-10H-PHENOTHIAZIN-10-YL)CARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER see: EY9829000

BEST COPY AVAILABLE

BUTYLCARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: EY9955000
BUTYLCARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE see: EY9957000
tert-BUTYLCARBAMIC ACID ESTER with 3-(m-HYDROXYPHENYL-1,1-DIMETHYLUREA see: EY9980000
BUTYLCARBAMIC ACID ((10H-PHENOTHIAZIN-10-YLCARBONYL)IMINO)DI ?,1-ETHANEDIYL ESTER see: EZ1308000
1-(BUTYLCARBAMOYL)-2-BENZIMIDAZOLECARBAMIC ACID, METHYL ESTER see: DD6475000
4'-(BUTYLCARBAMOYL)-2-(DIETHYLAMINO)PROPIONANILIDE HYDROCHLORIDE see: UE4740000PROPIONANILIDE, 4'-(BUTYLCARBAMOYL)-2-(DIETHYLAMINO)-, HYDROCHLORIDE
1-(N-BUTYLCARBAMOYL)-2-(METHOXY-CARBOXAMIDO)-BENZIMIDAZOL (German) see: DD6475000
4'-(BUTYLCARBAMOYL)-alpha-METHYL-1-PIPERIDINEACETANILIDE see: TM3518000 1-PIPERIDINEACETANILIDE, 4'-(BUTYLCARBAMOYL)-alpha-METHYL-
5-BUTYL-5-CARBAMOYLOXYETHYLBARBITURIC ACID see: CQ2311000
N -(BUTYLCARBAMOYL)SULFANILAMIDE see: YS4200000
N(sup 1)-(BUTYLCARBAMOYL)SULFANILAMIDE see: YS4200000
dl-sec-BUTYL CARBINOL see: EL5250000
n-BUTYLCARBINOL see: SB9800000
BUTYL CARBITOL see: KJ9100000
BUTYL CARBITOL ACETATE see: KJ9275000
BUTYLCARBITOL FORMAL see: PA3400000
BUTYL CARBITOL 6-PROPYLPIPERONYL ETHER see: XS8050000
BUTYL CARBITOL RHODANATE see: XK8400000
BUTYL CARBITOL THIOCYANATE see: XK8400000
BUTYL-CARBITYL (6-PROPYLPIPERONYL) ETHER see: XS8050000
BUTYL CARBOBUTOXYMETHYL PHTHALATE see: TI0535000
5-BUTYL-2-(CARBOMETHOXYAMINO)BENZIMIDAZOLE see: DD6495000
4-BUTYL-4-(beta-CARBOXYPROPIONYL-OXYMETHYL)-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: WM9640000
N-BUTYL-(3-CARBOXYPROPYL)NITROSAMINE see: ES8125000
4-t-BUTYLCATECHOL see: UX1400000
BUTYL CELLOSOLVE see: KJ8575000
BUTYL 'CELLOSOLVE' PHTHALATE see: TI0175000
BUTYL CHEMOSEPT see: DH1980000
BUTYL CHLORIDE see: EJ6300000
n-BUTYL CHLORIDE see: EJ6300000
sec-BUTYL CHLORIDE see: EJ6475000
tert-BUTYL CHLORIDE see: TX5040000
BUTYL CHLORIDE (DOT) see: EJ6300000
BUTYL CHLOROBONATE see: LQ5890000
6-tert-BUTYL-4-CHLORO-m-CRESOL see: GO7105000
BUTYL CHLOROFORMATE see: LQ5890000
n-BUTYLCHLOROFORMATE (DOT) see: LQ5890000
BUTYL 5-CHLOROMETHYL-2-FURANCARBOXYLATE see: LV1805000 2-FUROIC ACID, 5-(CHLOROMETHYL)-,BUTYL ESTER
2-tert-BUTYL-4-CHLORO-5-METHYLPHENOL see: GO7105000
3-tert-BUTYL-5-CHLORO-6-METHYLURACIL see: YQ9360000
O-(4-tert-BUTYL-2-CHLOROPHENYL) O-METHYL N-METHYLAMIDO PHOSPHATE see: TB3850000PHOSPHORAMIDIC ACID, METHYL-, 4-tert-BUTYL-2-CHLOROPHENYL METHYL ESTER
4-t-BUTYL-2-CHLOROPHENYL METHYL METHYLPHOSPHORAMIDATE see: TB3850000
4-TERT. BUTYL 2-CHLOROPHENYL METHYLPHOSPHORAMIDATE DE METHYLE (French) see: TB3850000
N-BUTYL-2-(7-CHLORO-4-QUINOLYLAMINO)ACETAMIDE MONOHYDROCHLORIDE see: AB4844700
N-tert-BUTYL-2-(7-CHLORO-4-QUINOLYLAMINO)ACETAMIDE MONOHYDROCHLORIDE see: AB4844710
N-BUTYL-2-(7-CHLORO-4-QUINOLYLAMINO)PROPIONAMIDE see: UE3176000
O-(4-TERT-BUTYL-2-CHLOR-PHENYL)-O-METHYL-PHOSPHORSAEURE-N-METHYLAMID (German) see: TB3850000
t-20-BUTYLCHOLANTHRENE see: FZ2700000
t-BUTYL CHROMATE see: GB2900000
BUTYL CINAMIC ALDEHYDE see: GD6485000
alpha-BUTYLCINNAMALDEHYDE see: GD6485000
BUTYL CINNAMATE see: GD8425000
n-BUTYL CINNAMATE see: GD8425000
alpha-BUTYLCINNAMIC ALDEHYDE see: GD6485000
2-tert-BUTYLCRESOL see: SL1945400
tert-BUTYLCRESOL see: SL1945400
tert-BUTYL CUMYL PEROXIDE see: SD8247000
tert-BUTYL CUMYL PEROXIDE, technical pure (DOT) see: SD8247000
3-BUTYL-CYCLOBUTANECARBOXYLIC ACID see: GU1338500
3-tert-BUTYL-CYCLOBUTANECARBOXYLIC ACID see: GU1340000
4-tert-BUTYLCYCLOHEXANOL see: GV8750000
p-tert-BUTYLCYCLOHEXANONE see: GW1140000
p-tert-BUTYLCYCLOHEXYL ACETATE see: AF7117000
4-tert-BUTYLCYCLOHEXYL ACETATE see: AF7117000
N-BUTYLCYCLOHEXYLAMINE see: GX1050000
5-BUTYL-1-CYCLOHEXYLBARBITURIC ACID see: CQ1497900
1-BUTYL-4-alpha-CYCLOHEXYLBENZYL-1-METHYLPIPERAZINIUM IODIDE see: TM3067000
tert-BUTYLCYCLOHEXYL CHLOROFORMATE see: FG3655000
tert-BUTYLCYCLOHEXYLCHLOROFORMATE (DOT) see: FG3655000
(BUTYL-1 CYCLOHEXYLE)-N PIPERIDINE (French) see: TM5027000
1-(1-BUTYLCYCLOHEXYL)PIPERIDINE see: TM5027000
5-BUTYL-1-CYCLOHEXYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE see: CQ1497900
5-n-BUTYL-1-CYCLOHEXYL-2,4,6-TRIOXOPERHYDROPYRIMIDINE see: CQ1497900
BUTYL 2,4-D see: AG8050000
10-n-BUTYL-1,2,5,6-DIBENZACRIDINE (French) see: HN1775000
14-n-BUTYL DIBENZ(a,h)ACRIDINE see: HN1775000
n-BUTYL-4,4-DI-(tert-BUTYLPEROXY)VALERATE (DOT) see: YV6191220
n-BUTYL-4,4-DI-(tert-BUTYLPEROXY)VALERATE (DOT) see: YV6191200
sec. BUTYLDICHLOROARSINE see: CG9100000
BUTYL DICHLOROPHENOXYACETATE see: AG8050000
BUTYL DICHLOROPHENOXYACETATE see: AG7875000
BUTYL (2,4-DICHLOROPHENOXY)ACETATE see: AG8050000
N-BUTYL-N'-(3,4-DICHLOROPHENYL)-N-METHYLUREA see: YS3810000
1-BUTYL-3-(3,4-DICHLOROPHENYL)-1-METHYLUREA see: YS3810000
n-BUTYLDIETHANOLAMINE see: KK0525000
2-BUTYL-3-(4'-beta-N-DIETHYLAMINOETHOXY-3',5'-DIIODOBENZOYL)BENZOFURAN see: OB1360000
N-BUTYL-N-(2-(DIETHYLAMINO)ETHYL)-1-NAPHTHALENECARBOXAMIDE see: QJ1890000
N-BUTYL-N'-(2-(DIETHYLAMINO)ETHYL)-1-NAPHTHAMIDE see: QJ1890000
5-BUTYL-N-(2-(DIETHYLAMINO)ETHYL)PICOLINAMIDE HYDROCHLORIDE see: TJ4300000
alpha-tert-BUTYL-alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DN9214000
alpha-tert-BUTYL-alpha-((DIETHYLAMINO)METHYL)-p-METHOXYBENZYL ALCOHOL HYDROCHLORIDE see: DN9214200
alpha-tert-BUTYL-alpha-((DIETHYLAMINO)METHYL)-p-METHYLBENZYL ALCOHOL HYDROCHLORIDE see: DN9214400
5-sec-BUTYL-3-(3-(DIETHYLAMINO)PROPYL)-2-THIOHYDANTOIN see: MT9197400
O-BUTYL DIETHYLENE GLYCOL see: KJ9100000
BUTYLDIETHYLIODOSTANNANE AMMONIA see: WH6768000
N-BUTYL-N-(2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA BUTANEDIOATE (1:1) see: YS3811000
1-BUTYL-1-(2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-UREA SUCCINATE see: YS3811000
n-BUTYLDIETHYLTIN IODIDE see: WH6765000
n-BUTYLDIETHYLTIN IODIDE-AMMONIA see: WH6768000
BUTYL DIGLYME see: KN0350000
1-BUTYLDIGUANIDE HYDROCHLORIDE see: DU1135000
4-BUTYL-1,2-DIHYDRO-5-((1-ADAMANTANECARBONYL)OXY)-1,2-DIPHENYL-3H-PYRAZOL-3-ONE see: UQ8976200
BUTYL 3,4-DIHYDRO-2,2-DIMETHYL-4-OXO-2H-PYRAN-6-CARBOXYLATE see: UP7000000
4-BUTYL-1,2-DIHYDRO-5-((3,4-METHYLENEDIOXYBENZOYL)OXY)-1,2-DIPHENYL-3H-PYRAZOL-3-ONE see: UQ8976400
7-BUTYL-3,7-DIHYDRO-6-METHYL-5-PHENYLPYRROLO(3,4-e)(1,4)DIAZEPIN-2(1H)-ONE see: UY8549000
4-BUTYL-1,2-DIHYDRO-5-((2-THENOYL)OXY)-1,2-DIPHENYL-3H-PYRAZOL-3-ONE see: UQ8976600
2-BUTYL-3-(3,5-DIIODO-4-(beta-DIETHYLAMINOETHOXY)BENZOYL)BENZOFURAN see: OB1360000
2-BUTYL-3-(3,5-DIIODO-4-(2-DIETHYLAMINOETHOXY)BENZOYL)BENZOFURAN see: OB1360000
2-n-BUTYL-3',5'-DIIODO-4'-N-DIETHYLAMINOETHOXY-3-BENZOYLBENZOFURAN see: OB1360000
4'-n-BUTYL-4-DIMETHYLAMINOAZOBENZENE see: BW9625000
4'-t-BUTYL-4-DIMETHYLAMINOAZOBENZENE see: BW9800000
3-BUTYL-1-(2-(DIMETHYLAMINO)ETHOXY)ISOQUINOLINE HYDROCHLORIDE see: NW6950000
5-n-BUTYL-2-DIMETHYLAMINO-4-HYDROXY-6-METHYLPYRIMIDINE see: UW6025000
alpha-tert-BUTYL-alpha-((DIMETHYLAMINO)METHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DN9214600
alpha-tert-BUTYL-alpha-((DIMETHYLAMINO)METHYL)-p-METHYLBENZYL ALCOHOL HYDROCHLORIDE see: DN9214800
5-BUTYL-2-(DIMETHYLAMINO)-6-METHYL-4-PYRIMIDINOL see: UW6025000
5-BUTYL-2-(DIMETHYLAMINO)-6-METHYL-4(1H)-PYRIMIDINONE see: UW6025000
3-tert-BUTYL-4-(3-(DIMETHYLAMINO)PROPYL)-1-ETHYL-1,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL see: NK9150000
5-sec-BUTYL-3-(3-(DIMETHYLAMINO)PROPYL)-2-THIOHYDANTOIN see: MT9197500
4-BUTYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5 see: UX9359000
N-BUTYL-alpha,alpha-DIMETHYLCYCLOHEXANEETHYLAMINE see: GV1250000
2-(4-t-BUTYL-2,6-DIMETHYL-3-HYDROXYBENZYL)-2-IMIDAZOLINIUM CHLORIDE see: SK1225000
3-tert-BUTYL-N,N-DIMETHYL-5-(METHYLTHIO)-1H-1,2,4-TRIAZOLE-1-CARBOXAMIDE see: XZ4180000
1-BUTYL-3,3-DIMETHYL-1-NITROSOUREA see: YS3825000
N-BUTYL-alpha,alpha-DIMETHYLPHENETHYLAMINE see: SH0664500
6-t-BUTYL 2,4-DIMETHYLPHENOL see: ZE6825000
1-(N-BUTYL-1-(2,6-DIMETHYLPHENYL)CARBAMOYL)-3-METHYLGUANIDINE ACID SUCCINATE see: YS3825100
N-BUTYL-N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA BUTANEDIOATE (1:1) see: YS3825100
(BUTYLDIMETHYLSILYL)METHANOL CARBAMATE see: PC1919000
(BUTYLDIMETHYLSILYL)METHYL ESTER of CARBAMIC ACID see: PC1919000
N-BUTYL-2,6-DINITRO-N-ETHYL-4-TRIFLUOROMETHYLANILINE see: XU4550000
2-sec-BUTYL-4,6-DINITROPHENOL see: SJ9800000
2-sec-BUTYL-4,6-DINITROPHENYLACETATE see: AF7140000
6-sec-BUTYL-2,4-DINITROPHENYLACETATE see: AF7140000
2-tert-BUTYL-4,6-DINITROPHENYL ACETATE see: SK0175000
BUTYL 2,4-DINITROPHENYL CARBONATE see: FF8970000
2-sec-BUTYL-4,6-DINITROPHENYL-3,3-DIMETHYLACRYLATE see: GQ5600000
2-sec-BUTYL-4,6-DINITROPHENYL ISOPROPYL CARBONATE see: FF9100000
2-sec-BUTYL-4,6-DINITROPHENYL 3-METHYL-2-BUTENOATE see: GQ5600000
2-sec BUTYL-4,6-DINITROPHENYL 3-METHYLCROTONATE see: GQ5600000
2-sec-BUTYL-4,6-DINITROPHENYL SENECIOATE see: GQ5600000
BUTYL DIOXITOL see: KJ9100000
4-BUTYL-1,2-DIPHENYL-3,5-DIOXOPYRAZOLIDINE see: UQ8225000
4'-tert-BUTYL-4-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)BUTYROPHENONE HYDROCHLORIDE see: EU1220000
4-BUTYL-1,2-DIPHENYL-3-HYDROXY-3-PYRAZOLIN-5-ONE 1-ADAMANTANECARBOXYLATE (ester) see: UQ8976200
4-BUTYL-1,2-DIPHENYL-3-HYDROXY-3-PYRAZOLIN-5-ONE 3,4-METHYLENEDIOXYBENZOATE (ester) see: UQ8976400
4-BUTYL-1,2-DIPHENYL-3-HYDROXY-3-PYRAZOLIN-5-ONE 2-THIOPHENECARBOXYLATE (ester) see: UQ8976600
4-n-BUTYL-1,2-DIPHENYL-3-OXO-5-THIONPYRAZOLIDINE see: UQ8700000
1-BUTYL-4,4-DIPHENYLPIPERIDINE see: TM5031000 PIPERIDINE, 1-BUTYL-4,4-DIPHENYL-
1-sec-BUTYL-4,4-DIPHENYLPIPERIDINE HYDROCHLORIDE see: TM5031100 PIPERIDINE, 1-sec-BUTYL-4,4DIPHENYL-, HYDROCHLORIDE
1-tert-BUTYL-4,4-DIPHENYLPIPERIDINE HYDROCHLORIDE see: TM5031200 PIPERIDINE, 1-tert-BUTYL-4,4-DIPHENYL-, HYDROCHLORIDE
1-BUTYL-4-(3,3-DIPHENYLPROPIONYL)-1-METHYLPIPERAZINIUM IODIDE see: TM3068000
4-BUTYL-1,2-DIPHENYLPYRAZOLIDINE-3,5-DIONE see: UQ8225000
4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8225000
4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE compd. with 2-(DIETHYLAMINO)ETHANOL see: UQ8280000
4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE compd. with 2-(DIMETHYLAMINO)ETHANOL see: UQ8293000
4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE LITHIUM SALT see: UQ8295000
4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE MAGNESIUM SALT see: UQ8297000
4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE POTASSIUM SALT see: UQ8340000
4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT see: UQ8300000
4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE STRONTIUM SALT see: UQ8360000
4-BUTYL-1,2-DIPHENYL-5-THIOXO-3-PYRAZOLIDINONE see: UQ8700000

EQ0415000 BUTYL DISELENIDE

UPDT:8008 CAS: 20333-40-8 MW: 272.18 MOLFM: C8-H18-Se2
SYN: DIBUTYL DISELENIDE * DIBUTYLDISELENIUM * DI-n-BUTYL-DISELINIDE * DISELENIDE, DIBUTYL- (9CI)

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:75 mg/kg CSLNX* NX#09252

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

BUTYLE (ACETATE DE) (French) see: AF7350000
BUTYLENE see: EM2893000
gamma-BUTYLENE see: UD0890000 PROPENE, 2-METHYL-
n-BUTYLENE see: EM2893000
1,3-BUTYLENE DIACRYLATE see: AS5250000
BUTYLENEDIAMINE see: EJ6800000
1,4-BUTYLENEDIAMINE see: EJ6800000
2-BUTYLENE DICHLORIDE see: EM4903000
BUTYLENE (DOT) see: EM2893000
beta-BUTYLENE GLYCOL see: EK0440000
1,3-BUTYLENE GLYCOL see: EK0440000
2,3-BUTYLENE GLYCOL see: EK0532000
1,3-BUTYLENE GLYCOL DIACRYLATE see: AS5250000

BEST COPY AVAILABLE

BUTYLENE HYDRATE see: EO1750000
BUTYLENE OXIDE see: LU5950000
BUTYLENE OXIDE see: EK3675000
1,2-BUTYLENE OXIDE see: EK3675000
1,4-BUTYLENE SULFONE see: RP4300000
BUTYLENIN see: MU6640000
DL-N-BUTYLEPHEDRINE HYDROCHLORIDE see: DN9223000
BUTYL-9,10-EPOXYSTEARATE see: RG1575000
BUTYL ESTER 2,4-D see: AG8050000
BUTYL ESTER of 2,4-D see: AG8050000
BUTYL ESTER of DICHLOROPHENOXYACETIC ACID see: AG7875000
n-BUTYL ESTER of 3,4-DIHYDRO-2,2-DIMETHYL-4-OXO-2H-PYRAN-6-CARBOXYLIC ACID see: UP7000000
n-BUTYLESTER KYSELINI 2,4,5-TRICHLORFENOXYOCTOVE (Czech) see: AJ8485000
BUTYL ETHANOATE see: AF7550000
BUTYL ETHER see: EK5425000
n-BUTYL ETHER see: EK5425000

EQ2220000 sec-BUTYL ETHER
UPDT:8401 CAS: 6863-58-7 MW: 130.26 MOLFM: C8-H18-O
SYN: BIS(2-BUTYL)ETHER * BUTANE, 2,2'-OXYBIS- (9CI) * sec-BUTYL ETHER (DOT) * DI-sec-BUTYL ETHER * UN 1149 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EQ2230000 tert-BUTYL ETHER
UPDT:8312 CAS: 6163-66-2 MW: 130.26 MOLFM: C8-H18-O
SYN: tert-BUTYL ETHER (DOT) * PROPANE, 2,2'-OXYBIS(2-METHYL- (9CI) * UN 1149 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

BUTYL ETHER (DOT) see: EK5425000
sec-BUTYL ETHER (DOT) see: EQ2220000
tert-BUTYL ETHER (DOT) see: EQ2230000
BUTYL ETHYL ACETALDEHYDE see: MN7525000
BUTYLETHYLACETIC ACID see: MO7700000
5-n-BUTYL-2-ETHYLAMINO-6-HYDROXY-6-METHYLPYRIMIDINE see: UW7380000
5-BUTYL-2-(ETHYLAMINO)-6-METHYL-4(1H)-PYRIMIDINONE see: UW7380000
5-BUTYL-2-ETHYLAMINO-6-METHYLPYRIMIDIN-4-YL DIMETHYLSULPHAMATE see: WO5970000
5-BUTYL-5-ETHYLBARBITURIC ACID see: CQ1575000
5-sec-BUTYL-5-ETHYLBARBITURIC ACID see: CQ1750000
N-BUTYL-N-ETHYL-2,6-DINITRO-4-(TRIFLUOROMETHYL)BENZENAMINE see: XU4550000
O-BUTYL ETHYLENE GLYCOL see: KJ8575000
N-BUTYLETHYLENIMINE see: CM6660000
n-BUTYL ETHYL KETONE see: MJ5250000
5-sec-BUTYL-5-ETHYLMALONYL UREA see: CQ1750000
5-sec-BUTYL-5-ETHYL-1-METHYLBARBITURIC ACID see: CQ1900000
3-tert-BUTYL-1-ETHYL-4-(1-METHYL-4-PIPERIDYL)-1,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL see: HK9160000
5-sec-BUTYL-5-ETHYL-1-METHYL-2-THIO-BARBITURIC ACID see: CQ1953000
5-BUTYL-5-ETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE see: CQ1575000
5-sec-BUTYL-5-ETHYL-2-THIOBARBITURIC ACID see: CQ2278000
BUTYLETHYLTHIOCARBAMIC ACID S-PROPYL ESTER see: EZ0400000
N-BUTYL-N-ETHYL-alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-p-TOLUIDINE see: XU4550000
1-BUTYL-4-ETHYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE see: YJ9268000
p-terc.BUTYLFENOL (Czech) see: SJ8925000
2-sec.BUTYLFENOL (Czech) see: SJ8920000
BUTYL FLUFENAMATE see: DH8511000
BUTYL FORMAL see: YV3600000
BUTYL FORMATE see: LQ5500000
n-BUTYL FORMATE see: LQ5500000
BUTYL FORMATE (DOT) see: LQ5500000
3-tert-BUTYL-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME see: UU2739900
4-tert-BUTYL-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME see: UU2740000
BUTYL 2-FURANCARBOXYLATE see: LV1769000 2-FUROIC ACID, BUTYL ESTER
N-BUTYL-N'-(2-FUROYL)- see: YS3828000
BUTYL GLYCIDYL ETHER see: TX4200000
n-BUTYL GLYCIDYL ETHER see: TX4200000
t-BUTYL GLYCIDYL ETHER see: RR0475000
BUTYL GLYCOL see: KJ8575000
1-BUTYL-5-(4-CHLORO-o-TOLYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1133000
BUTYLGLYCOL (French,German) see: KJ8575000
BUTYL GLYCOL PHTHALATE see: TI0175000
BUTYL GLYCOLYL BUTYL PHTHALATE see: TI0535000
4-tert-BUTYLHEXAHYDROPHENYL ACETATE see: AF7117000
n-BUTYLHYDRAZINE HYDROCHLORIDE see: MV0850500
BUTYL HYDROGEN PHTHALATE see: TI2475000
terc. BUTYLHYDROPEROXID (Czech) see: EQ4900000

EQ4900000 t-BUTYLHYDROPEROXIDE
UPDT:8405 CAS: 75-91-2 MW: 90.14 MOLFM: C4-H10-O2
SYN: terc. BUTYLHYDROPEROXID (Czech) * CADOX TBH * HYDROPERoxide, tert-BUTYL * HYDROPEROXIDE, 1,1-DIMETHYLETHYL- (9CI) * HYDROPEROXYDE DE BUTYLE TERTIAIRE (French) * PERBUTYL H * TBHP-70 * TRIGONOX A-75 (Czech) * TRIGONOX A-W70
IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg	AIHAAP 19,205,58
	skn-rbt 500 mg/24H SEV	28ZPAK -,39,72
	eye-rbt 7 mg	AIHAAP 19,205,58
	eye-rbt 100 mg/24H SEV	28ZPAK -,39,72
	eye-rbt 150 mg/1M rns SEV	ZAARAM 8,25,58

MUTATION DATA AND REFERENCES:

	mmo-sat 17 ug/plate	ENMUDM 5(Suppl 1),3,83
	mma-sat 17 ug/plate	ENMUDM 5(Suppl 1),3,83
	pic-esc 25 mg/L	VIRLAX 99,257,79
	sln-dmg-ihl 500 mmol/L	PNASA6 40,1037,54
	mmo-nsc 10 mmol/L/30M	PNASA6 35,581,49
	cyt-rat-ihl 107 mg/m3/10W	GTPZAB 22(2),53,78
	cyt-mus-ihl 107 mg/m3/10W	GTPZAB 22(2),53,78
	dlt-mus-ihl 17 mg/m3/10W	GTPZAB 22(2),53,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:406 mg/kg	AIHAAP 19,205,58
1J22	ihl-rat LC50:500 ppm/4H	AIHAAP 19,205,58
	skn-rat LD50:790 mg/kg	BSPII* 1/75-19B
2F18F19	ipr-rat LD50:87 mg/kg	AIHAAP 19,205,58
	orl-mus LD50:710 mg/kg	BSPII* 1/75-19B
1J22	ihl-mus LC50:350 ppm/4H	AIHAAP 19,205,58

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1081-0415
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EQ4902000 tert-BUTYL HYDROPEROXIDE, not more than 72%
UPDT:8401 CAS: 75-91-2 MW: 90.14 MOLFM: C4-H10-O2
SYN: tert-BUTYL HYDROPEROXIDE (DOT) * UN 2093 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EQ4903000 tert-BUTYL HYDROPEROXIDE, more than 72% but not more than 90%
UPDT:8308 CAS: 75-91-2 MW: 90.14 MOLFM: C4-H10-O2
SYN: tert-BUTYL HYDROPEROXIDE (DOT) * UN 2094 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EQ4905000 tert-BUTYL HYDROPEROXIDE, more than 90% with water
UPDT:8308 CAS: 75-91-2 MW: 90.14 MOLFM: C4-H10-O2
SYN: tert-BUTYL HYDROPEROXIDE (DOT) * CADOX TBH * 1,1-DIMETHYLETHYL HYDROPEROXIDE * PERBUTYL H
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

tert-BUTYL HYDROPEROXIDE (DOT) see: EQ4902000
tert-BUTYL HYDROPEROXIDE (DOT) see: EQ4903000
tert-BUTYL HYDROPEROXIDE (DOT) see: EQ4905000

EQ4910000 BUTYL HYDROPEROXIDE, 1,1,3,3-TETRAMETHYL-
UPDT:8402 MW: 146.26 MOLFM: C8-H18-O2
SYN: 1,1,3,3-TETRAMETHYLBUTYL HYDROPEROXIDE (DOT) * TRIGONOX TMPH * UN 2160 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

N-BUTYL-N-(1-HYDROPEROXYBUTYL)NITROSAMINE see: MX2434000
N-BUTYL-N-(HYDROPEROXYMETHYL)NITROSAMINE see: EO5207000
t-BUTYLHYDROQUINONE see: MX4375000
BUTYL HYDROXIDE see: EO1400000
t-BUTYL HYDROXIDE see: EO1925000
6-BUTYL-4-HYDROXYAMINOQUINOLINE 1-OXIDE see: VB0700000
BUTYLHYDROXYANISOLE see: SL1945000
tert-BUTYLHYDROXYANISOLE see: SL1945000
tert-BUTYL-4-HYDROXYANISOLE see: SL1945000
2(3)-tert-BUTYL-4-HYDROXYANISOLE see: SL1945000
BUTYL o-HYDROXYBENZOATE see: VO2000000
BUTYL p-HYDROXYBENZOATE see: DH1980000
n-BUTYL o-HYDROXYBENZOATE see: VO2000000
N-BUTYL-N-(4-HYDROXYBUTYL)NITROSAMINE see: EL1225000
n-BUTYL-(4-HYDROXYBUTYL)NITROSAMINE see: EL1225000
5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID see: CQ2310800
5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID ACETATE (ester) see: CQ2310900
BARBITURICACID, 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)-, ACETATE (ester)
5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID BENZOATE (ester) see: CQ2310910
BARBITURICACID, 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)-, BENZOATE (ester)
5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID PROPIONATE (ester) see: CQ2310920
BARBITURICACID, 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)-, PROPIONATE (ester)
5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)PERHYDROPYRIMIDINE-2,4,6-TRIONE see: CQ2310800
BARBITURICACID, 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)-
5-n-BUTYL-1-(4-HYDROXYCYCLOHEXYL)-2,4,6-TRIOXOPERHYDROPYRIMIDINE see: CQ2310800
5-BUTYL-5-(2-HYDROXYETHYL)BARBITURIC ACID CARBAMATE see: CQ2311000
BUTYL(2-HYDROXYETHYL)NITROSOAMINE see: KK0560000
6-sec-BUTYL-1-HYDROXY-3-ISOBUTYL-2(1H)-PYRAZINONE see: CI9625000
BUTYLHYDROXYISOPROPYLARSINE OXIDE see: CH7240000
4-BUTYL-4-HYDROXYMETHYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE HYDROGEN SUCCINATE see: WM9640000
N-BUTYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)BENZAMIDE see: CV2442600
N-BUTYL-N'-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)UREA see: YS3829000
(beta-tert-BUTYL-beta-HYDROXY-p-METHYLPHENETHYL)DIETHYLMETHYLAMMONIUM IODIDE see: BP0290000
2-(tert-BUTYL)-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL, CYCLIC PHOSPHATE (1:1) see: TY3700000
3-BUTYL-3-(m-HYDROXYPHENYL)-1-METHYLPYRROLIDINE see: SK1650000
4-BUTYL-2-(4-HYDROXYPHENYL)-1-PHENYL-3,5-DIOXOPYRAZOLIDINE see: UQ8400000
4-BUTYL-1-(p-HYDROXYPHENYL)-2-PHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8400000
4-BUTYL-1-(4-HYDROXYPHENYL)-2-PHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8400000
4-BUTYL-2-(p-HYDROXYPHENYL)-1-PHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8400000
BUTYL alpha-HYDROXYPROPIONATE see: OD4025000
BUTYLHYDROXYTOLUENE see: GO7875000
tert-BUTYLHYDROXYTOLUENE see: SL1945400
BUTYLHYOSCINE see: YM3500000
N-BUTYLHYOSCINE BROMIDE see: YM3500000
N-BUTYLHYOSCINIUM BROMIDE see: YM3500000
4-sec-BUTYLIDENE-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8402000
4-sec-BUTYLIDENE-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT see: UQ8404000
BUTYLIMIDAZOLE see: NI3565000
N-BUTYLIMIDAZOLE see: NI3565000
1-BUTYLIMIDAZOLE see: NI3565000
N-n-BUTYL IMIDAZOLE (DOT) see: NI3565000
N-(n-BUTYL)IMIDAZOLE see: NI3565000
6-t-BUTYL-3-(2-IMIDAZOLIN-2-YLMETHYL)-2,4-DIMETHYLPHENOL see: SK1050000
6-t-BUTYL-3-(2-IMIDAZOLIN-2-YLMETHYL)-2,4-DIMETHYLPHENOL HYDROCHLORIDE see: SK1225000
N-BUTYL-IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE (9CI) see: DU1135000
n-BUTYL-2,2'-IMINODIETHANOL see: KK0525000
4-BUTYL-2-((1H-INDEN-4(or 7)-YLOXY)METHYL)MORPHOLINE see: QD8850000
BUTYL IODIDE see: EK4400000
n-BUTYL IODIDE see: EK4400000
sec-BUTYL IODIDE see: EK4410000
2-BUTYL-2-ISOBUTYL-1,3-PROPANEDIOL DICARBAMATE (ester) see: TY3710000
6-sec-BUTYL-3-ISOBUTYL PYRAZINOL 1-OXIDE see: CI9625000
t-BUTYLISOCYANATE see: NQ8300000
n-BUTYL ISOCYANATE see: NQ8250000
tert-BUTYL ISOCYANATE see: NQ8300000
n-BUTYL ISOCYANATE (DOT) see: NQ8250000
tert-BUTYL ISOCYANATE (DOT) see: NQ8300000
tert-BUTYLISOPENTANAL see: MN7820000

BEST COPY AVAILABLE

n-BUTYL ISOPENTANOATE see: NY1502000
BUTYL(ISOPROPYL)ARSINIC ACID see: CH7240000
t-BUTYL ISOPROPYL BENZENE HYDROPEROXIDE see: MX2430000
2-BUTYL-2-ISOPROPYL-1,3-PROPANEDIOL DICARBAMATE (ester) see: TY3715000
BUTYL ISOVALERATE see: NY1502000
n-BUTYL ISOVALERATE see: NY1502000
i-BUTYL ISOVALERATE see: NY1502000
BUTYL ISOVALERIANATE see: NY1502000
BUTYL LACTATE see: OD4025000
n-BUTYL LACTATE see: OD4025000
BUTYLMALONIC ACID MONO(1,2-DIPHENYLHYDRAZIDE) CALCIUM see: OO0624000
BUTYLMALONIC ACID MONO(1,2-DIPHENYLHYDRAZIDE) CALCIUM SALT HEMIHYDRATE see: OO0625000
BUTYL-MALONSAURE-MONO-(1,2-DIPHENYL-HYDRAZID)-CALZIUM (German) see: OO0624000
BUTYL-MALONSAEURE-MONO-(1,2-DIPHENYL-HYDRAZID)-CALCIUM-SEMIHYDRAT (German) see: OO0625000
BUTYL MERCAPTAN see: EK6300000
BUTYL MERCAPTAN (DOT) see: EK6300000
p-BUTYLMERCAPTOBENZHYDRYL beta-DIMETHYLAMINOETHYL SULFIDE HYDROCHLORIDE see: KQ8575000
p-BUTYLMERCAPTOBENZHYDRYL-beta-DIMETHYLAMINO-ETHYLSULPHIDE see: KQ8563000
2-(BUTYLMERCAPTO)ETHYL VINYL ETHER see: KN5775000
n-BUTYLMERCURIC CHLORIDE see: OV7700000
BUTYL MESITYL OXIDE see: UP7000000
n-BUTYL MESITYL OXIDE OXALATE see: UP7000000
n-BUTYLMESITYLOXID OXALATE see: UP7000000
BUTYL MESYLATE see: PB1425000
BUTYLMETHACRYLAAT (Dutch) see: OZ3675000
BUTYL METHACRYLATE see: OZ3675000
n-BUTYL METHACRYLATE see: OZ3675000
BUTYL 2-METHACRYLATE see: OZ3675000
n-BUTYL METHACRYLATE (DOT) see: OZ3675000
BUTYL METHANESULFONATE see: PB1425000
n-BUTYLMETHANESULFONATE see: PB1425000
BUTYL-METHOXYMETHYLNITROSAMINE see: EO5226000
sec-BUTYL-METHOXYMETHYLNITROSAMINE see: EO5227000
alpha-tert-BUTYL-alpha-(p-METHOXYPHENYL)-1-PIPERIDINEETHANOL HYDROCHLORIDE see: TM8579200
5-tert-BUTYL-3-METHOXY-as-TRIAZINE see: XY4800000
1-BUTYL-3-METHYLAMIDINO-1-(2,6-XYLYL)-UREA SUCCINATE see: YS3825100
DL-alpha-(1-(BUTYLMETHYLAMINO)ETHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DN9223000
alpha-((sec-BUTYLMETHYLAMINO)METHYL)BENZYL ALCOHOL o-METHOXYBENZOATE (ester) see: DN9224000
BUTYL 3-METHYLBUTYRATE see: NY1502000
BUTYL 2-METHYL-4-CHLOROPHENOXYACETATE see: AG1780000
2-tert-BUTYL-5-METHYL-4,6-DINITROPHENYL ACETATE see: AF7175000
BUTYL METHYL ETHER see: KN5240000
tert-BUTYL METHYL ETHER see: NK5250000
BUTYL METHYL ETHER (DOT) see: KN5240000
1-BUTYL-2-METHYL-HYDRAZINE DIHYDROCHLORIDE see: MV0905000
p-tert-BUTYL-alpha-METHYLHYDROCINNAMALDEHYDE see: MW4895000
p-tert-BUTYL-alpha-METHYLHYDROCINNAMIC ALDEHYDE see: MW4895000
n-BUTYL METHYL KETONE see: MP1400000
2-tert-BUTYL-4-METHYLPHENOL see: SK1578000
4-tert-BUTYL-2-METHYLPHENOL see: SK1578400
tert-BUTYLMETHYLPHENOL see: SL1945400
8-BUTYL-1-METHYL-7-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE see: NJ5095900
alpha-tert-BUTYL-4-METHYL-alpha-PHENYL-1-PIPERAZINEETHANOL DIHYDROCHLORIDE see: TL6952700
3-BUTYL-7-METHYL-9-PHENYL-6-(1-PYRROLIDINYL)-3-AZABICYCLO(3.3.1)NONAN-9-OL see: CL5568500
1-BUTYL-3-(p-METHYLPHENYLSULFONYL)UREA see: YS4550000
BUTYL 2-METHYL-2-PROPENOATE see: OZ3675000
5-BUTYL O-(2-(1-METHYLPROPYL)-4,6-DINITROPHENYL)CARBONOTHIOATE see: FG2150000
5-BUTYL-6-METHYL-4-PYRIMIDINOL see: UW6030000
m-(3-BUTYL-1-METHYL-3-PYRROLIDINYL)PHENOL see: SK1650000
m-(3-sec-BUTYL-1-METHYL-3-PYRROLIDINYL)PHENOL see: SK1700000
(BUTYLMETHYLSILYLENE)DIMETHANOL CARBAMATE see: PC1923000
(BUTYLMETHYLSILYLENE)DIMETHYLENE ESTER of CARBAMIC ACID see: PC1923000
3-BUTYL-5-METHYL-TETRAHYDRO-2H-PYRAN-4-YL ACETATE see: LQ0500000
5-tert-BUTYL-3-(METHYLTHIO)-as-TRIAZINE see: XY4810000
p-(3-BUTYL-3-METHYL-1-TRIAZENO)BENZAMIDE see: CV2443620
p-(3-tert-BUTYL-3-METHYL-1-TRIAZENO)BENZAMIDE see: CV2443630
1-BUTYL-4-METHYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE see: YJ9269000
4-BUTYL-1-METHYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE see: YJ9269400
BUTYLMIN see: YM3500000
tert-BUTYL MONOPERMALEATE see: ON4770000
tert-BUTYL MONOPEROXYMALEATE see: ON4770000
tert-BUTYL MONOPEROXYMALEATE, maximum concentration 55% as a paste (DOT) see: SE0651000
tert-BUTYL MONOPEROXYMALEATE, maximum concentration 55% in solution (DOT) see: SE0651000
tert-BUTYL MONOPEROXYMALEATE, technically pure (DOT) see: SE0650000
BUTYL MONOSULFIDE see: ER6417000
1-(BUTYL(2-MORPHOLINOETHYL)AMINO)-3-(o-CHLOROPHENOXY)-2-PROPANOL DIHYDROCHLORIDE see: UA8530000 2-PROPANOL, 1-(BUTYL(2-MORPHOLINOETHYL)AMINO)-3-(o-CHLOROPHENOXY)-,DIHYDROCHLORIDE
1-(BUTYL(2-MORPHOLINOETHYL)AMINO)-3-(2,4-DICHLOROPHENOXY)-2-PROPANOL DIHYDROCHLORIDE see: UA8540000 2-PROPANOL, 1-(BUTYL(2-MORPHOLINOETHYL)AMINO)-3-(2,4-DICHLOROPHENOXY)-,DIHYDROCHLORIDE
BUTYL NITRITE see: RA0780000
n-BUTYL NITRITE see: RA0780000
sec-BUTYL NITRITE see: RA0800000
tert-BUTYL NITRITE see: RA0802000
BUTYL NITRITE (DOT) see: RA0780000
N-BUTYL-N'-NITRO-N-NITROSOGUANIDINE see: ME8970000
6-BUTYL-4-NITROQUINOLINE 1-OXIDE see: VB0875000
6-tert-BUTYL-4-NITROQUINOLINE 1-OXIDE see: VB0875500
BUTYLNITROSAMINE see: EO5730000
4-(n-BUTYLNITROSAMINO)-1-BUTANOL see: EL1225000
2-(BUTYLNITROSAMINO)ETHANOL see: KK3560000
4-(N-BUTYLNITROSAMINO)-4-HYDROXYBUTYRIC ACID LACTONE see: LU3562100
BUTYLNITROSAMINOMETHYL ACETATE see: AF7477000
4-(BUTYLNITROSOAMINO)BUTANOIC ACID see: ES8125000
1-(BUTYLNITROSOAMINO)BUTYL ACETATE see: EL1250000
1-(BUTYLNITROSOAMINO)-2-PROPANONE see: UC0675000
N-BUTYL-N-NITROSOAMYLAMINE see: SC0450000
N-BUTYL-N-NITROSO-1-BUTAMINE see: EJ4025000
N-BUTYL-N-NITROSOBUTYRAMIDE see: ES4304000
N-BUTYL-N-NITROSOCARBAMIC ACID 1-NAPHTHYL ESTER see: EZ1302000
N-BUTYL-N-NITROSO ETHYL CARBAMATE see: EZ1275000
BUTYLNITROSOHARNSTOFF (German) see: YS3850000
N-BUTYL-N-NITROSOPENTYLAMINE see: SC0450000
4-tert-BUTYL-1-NITROSOPIPERIDINE see: TM5047000
N-BUTYL-N-NITROSOSUCCINAMIC ACID ETHYL ESTER see: WM3420000
n-BUTYLNITROSOUREA see: YS3850000
N-N-BUTYL-N-NITROSOUREA see: YS3850000
1-BUTYL-1-NITROSOUREA see: YS3850000
1-sec-BUTYL-1-NITROSOUREA see: YS3880000
N-BUTYL-N-NITROSOURETHAN see: EZ1275000
1-BUTYL-1-NITROSOURETHAN see: EZ1275000
BUTYL-NOR-SYMPATOL see: DN9200000
BUTYLNORSYMPATOL see: DN9205000
N-BUTYLNORSYNEPHRINE see: DN9200000
tert-BUTYLNORSYNEPHRINE see: DN9202000
BUTYLOCAINE see: DG4900000
BUTYL OCTADECANOATE see: WI2900000
n-BUTYL OCTADECANOATE see: WI2900000
2-BUTYL-1-OCTANOL see: RH0885000
2-BUTYLOCTYL ALCOHOL see: RH0885000
O-BUTYL OCTYLHYDROGENPHOSPHINATE see: SZ5425000
1-(p-tert-BUTYL-beta-(OCTYLOXY)PHENETHYL)PYRIDINIUM BROMIDE see: UU2740160
PYRIDINIUM, 1-(ptert-BUTYL-beta-(OCTYLOXY)PHENETHYL)-, BROMIDE
BUTYL OCTYLPHOSPHINATE see: SZ5425000
BUTYL OLEATE see: RG3711000
BUTYLON see: CY9569900 BENZENECARBOTHIOIC ACID, S-(2-(((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)FORMYLAMINO)-1-(2- (BENZOYLOXY)ETHYL)-1-PROPENYL)ESTER, mixt. with 3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURINE-2,6- DIONE, 2-ETHOXYBENZAMIDE and N-(4-ETHOXYPHENYL)-3-HYDROXYBUTANAMIDE
BUTYLONE see: CQ6125000
BUTYLOWY ALKOHOL (Polish) see: EO1400000
BUTYL OXITOL see: KJ8575000
N-BUTYL-N-(1-OXOBUTYL)NITROSAMINE see: ES4304000
N-BUTYL-N-(2-OXOBUTYL)NITROSAMINE see: EL7030000
N-BUTYL-N-(3-OXOBUTYL)NITROSAMINE see: EL7060000
4-t-BUTYL-1-OXO-1-PHOSPHA-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE see: TY3700000
BUTYL(2-OXOPROPYL)NITROSOAMINE see: UC0675000
tert-BUTYLOXYCARBONYL AZIDE see: LQ5270000
13-tert-BUTYLOXYCARBONYLHYDRAZONE of CARMINOMYCIN HYDROCHLORIDE see: FE2455000
2-(n-BUTYLOXYCARBONYLMETHYLENE)THIAZOLID-4-ONE see: XJ5131860
alpha-BUTYLOXYCINCHONINIC ACID DIETHYLETHYLENEDIAMIDE see: GD3150000
BUTYL PARABEN see: DH1980000
n-BUTYL PARAHYDROXYBENZOATE see: DH1980000
BUTYL PARASEPT see: DH1980000
N-BUTYL-N-PENTYLNITROSAMINE see: SC0450000
t-BUTYL PERACETATE see: SD8925000
tert-BUTYL PERACETATE see: SD8927400
terc.BUTYLPERBENZOAN (Czech) see: SD9450000
t-BUTYL PERBENZOATE see: SD9450000
tert-BUTYL PERCROTONATE see: SD9507000
tert-BUTYL PERISOBUTYRATE see: SE0560000
tert-BUTYL PERNEODECANOATE see: SE0750000

ER2450000 t-BUTYL PEROXIDE
UPDT:8408 CAS: 110-05-4 ~W: 146.26 MOLFM: C8-H18-O2
SYN: CADOX * DI-tert-BUTYLPEROXID (German, * DI-t-BUTYL PEROXIDE * DI-tert-BUTYL PEROXIDE, technically pure (DOT) * DI-tert-BUTYL PEROXYDE (Dutch) * DTBP * PEROSSIDO DI BUTILE TERZIARIO (Italian) * PEROXYDE DE BUTYLE TERTIAIRE (French) * (TRIBUTYL)PEROXIDE * UN 2102 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg — AIHAAP 19,205,58
eye-rbt 500 mg/24H MLD — 28ZPAK -,40,72
eye-rbt 20 mg/1M rns MLD — ZAARAM 8,25,58
TUMORIGENIC DATA AND REFERENCES:
3V03J60P62 unk-mus TDLo:585 mg/kg — RARSAM 3,193,63
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:17500 mg/kg — FEPRA7 7,252,48
2F18F19 ipr-rat LD50:3210 mg/kg — AIHAAP 19,205,58
° orl-mus LD50:20 gm/kg — FEPRA7 7,252,48
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

t-BUTYL PEROXYACETATE see: SD8925000
tert-BUTYL PEROXYACETATE see: SD8927400
tert-BUTYL PEROXYACETATE, more than 76% in solution (DOT) see: SD8927400
tert-BUTYL PEROXYACETATE, not more than 52% in solution (DOT) see: SD8927200
tert-BUTYL PEROXYACETATE, not more than 76% in solution (DOT) see: SD8927300
t-BUTYL PEROXY BENZOATE see: SD9450000
tert-BUTYL PEROXYBENZOATE, not more than 50% with inorganic solid (DOT) see: SD9455000
tert-BUTYL PEROXYBENZOATE, not more than 75% in solution (DOT) see: SD9460000
tert-BUTYL PEROXYGENZOATE, technical pure or in concentration of more than 75% (DOT) see: SD9450000
tert-BUTYL PEROXYCROTONATE, not more than 76% in solution (DOT) see: SD9507000
BUTYL PEROXYDICARBONATE see: SD9662000
sec-BUTYL PEROXYDICARBONATE see: SD9675000
n-BUTYL PEROXYDICARBONATE, more than 52% in solution (DOT) see: SD9662000
BUTYL PEROXYDICARBONATE, not more than 27% in solution (DOT) see: SD9660000
n-BUTYL PEROXYDICARBONATE, not more than 52% in solution (DOT) see: SD9661000
tert-BUTYL PEROXYDIETHYLACETATE (DOT) see: SD9502500
tert-BUTYL PEROXYETHYLHEXANOATE see: MO7280000
tert-BUTYL PEROXY-2 ETHYL HEXANOATE, technical pure (DOT) see: MO7280000
tert-BUTYL PEROXY-2-ETHYLHEXANOATE, with at least 50% phlegmatizer (DOT) see: MO7285000
tert-BUTYL PEROXYISOBUTYRATE see: SE0560000
tert-BUTYL PEROXYISOBUTYRATE, more than 52% but not more than 77% in solution (DOT) see: SE0558000
tert-BUTYL PEROXYISOBUTYRATE, more than 77% in solution (DOT) see: SE0560000
tert-BUTYL PEROXYISOBUTYRATE, not more than 52% in solution (DOT) see: SE0557000
tert-BUTYL PEROXY ISOPROPYL CARBONATE, technical pure (DOT) see: SD9502900
tert-BUTYL PEROXYMALEATE (DOT) see: ON4770000
tert-BUTYL PEROXYMALEATE, maximum concentration 55% as a paste (DOT) see: ON4775000
tert-BUTYL PEROXYMALEATE, not more than 55% in solution (DOT) see: ON4775000
tert-BUTYL PEROXYMALEIC ACID see: ON4770000
tert-BUTYL PEROXYNEODECANOATE (DOT) see: SE0750000
tert-BUTYL PEROXYNEODECANOATE, not more than 77% in solution (DOT) see: SE0760000
3-tert-BUTYLPEROXY-3-PHENYLPHTHALIDE (DOT) see: TI3693000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

tert-BUTYL PEROXYPHTHALATE, technically pure (DOT) see: TI3678040
t-BUTYL PEROXYPIVALATE see: SF0950000
tert-BUTYL PEROXYPIVALATE, not more than 77% in solution (DOT) see: SE0952000
tert-BUTYL PEROXY-3,5,5-TRIMETHYL HEXANOATE, technical pure (DOT) see: SE0553000
tert-BUTYL PERPIVALATE see: SE0952000
BUTYLPHEN see: SJ8925000
m-BUTYLPHENOL see: SJ9810000
p-(sec-BUTYL)PHENOL see: SJ8924000
p-tert-BUTYLPHENOL see: SJ8925000
2-n-BUTYLPHENOL see: SJ8850000
3-BUTYLPHENOL see: SJ8810000
4-n-BUTYLPHENOL see: SJ8922500
4-sec-BUTYLPHENOL see: SJ8924000
4-t-BUTYLPHENOL see: SJ8925000
m-BUTYLPHENOL, liquid (DOT) see: SJ8810000
o-BUTYLPHENOL, liquid (DOT) see: SJ8850000
p-BUTYLPHENOL, liquid (DOT) see: SJ8922500
m-BUTYLPHENOL, solid (DOT) see: SJ8810000
o-BUTYLPHENOL, solid (DOT) see: SJ8850000
p-BUTYLPHENOL, solid (DOT) see: SJ8922500
2-(p-t-BUTYLPHENOXY)CYCLOHEXYL PROPARGYL SULFITE see: WT2900000
2-(p-tert-BU, TLPHENOXY)CYCLOHEXYL 2-PROPYNYL SULFITE see: WT29C0000
3-(p-tert-BUTYLPHENOXY)-1,2-EPOXYPROPANE see: TX4250000
BUTYLPHENOXYISOPROPYL CHLOROETHYL SULFITE see: WT2975000
2-(p-BUTYLPHENOXY)ISOPROPYL 2-CHLOROETHYL SULFITE see: WT2975000
2-(4-t-BUTYLPHENOXY)ISOPROPYL-2-CHLOROETHYL SULFITE see: WT2975000
2-(p-t-BUTYLPHENOXY)ISOPROPYL 2'-CHLOROETHYL SULPHITE see: WT2975000
2-(p-t-BUTYLPHENOXY)-1-METHYLETHYL 2-CHLOROETHYL ESTER of SULPHUROUS ACID see: WT2975000
2-(p-BUTYLPHENOXY)-1-METHYLETHYL 2-CHLOROETHYL SULFITE see: WT2975000
2-(p-t-BUTYLPHENOXY)-1-METHYLETHYL-2-CHLOROETHYL SULFITE see: WT2975000
2-(p-t-BUTYLPHENOXY)-1-METHYLETHYL 2'-CHLOROETHYL SULPHITE see: WT2975000
2-(p-t-BUTYLPHENOXY)-1-METHYLETHYL SULPHITE of 2-CHLOROETHANOL see: WT2975000
5-((m-tert-BUTYLPHENOXY)METHYL)-2-OXAZOLIDINETHIONE see: RQ2150000
alpha-n-BUTYL-beta-PHENYLACROLEIN see: GD6485000
n-BUTYL PHENYLACRYLATE see: GD8425000
p-((p-BUTYLPHENYL)AZO)-N,N-DIMETHYLANILINE see: BW9625000
p-((p-t-BUTYLPHENYL)AZO)-N,N-DIMETHYLANILINE see: BW9800000
1-BUTYL-5-PHENYLBIGUANIDE MONOHYDROCHLORIDE see: DU1136000
1-(4-tert-BUTYL-1-PHENYLCYCLOHEXYL)PIPERIDINE HYDROCHLORIDE see: TM5056000
4-BUTYL-1-PHENYL-3,5-DIOXOPYRAZOLIDINE see: UQ8420000
tert-BUTYLPHENYL 2,3-EPOXYPROPYL ETHER see: KN5400000
S-p-tert-BUTYLPHENYL O-ETHYL ETHYLPHOSPHONODITHIOATE see: TA5250000
tert-BUTYLPHENYL GLYCIDYL ETHER see: TX4250000
N-BUTYL-1-PHENYL-HEPTYLAMINE HYDROCHLORIDE see: MK0883000
1-BUTYL-2-PHENYLHYDRAZINE HYDROCHLORIDE see: MV0907000
alpha-n-BUTYL-alpha-PHENYL-1H-IMIDAZOLE-1-PROPANENITRILE see: MP4380000
3-(o-BUTYLPHENYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE see: XZ4175000
BUTYL PHENYLMETHYL 1,2-BENZENEDICARBOXYLATE see: TH9990000
m-sec-BUTYLPHENYL N-METHYLCARBAMATE see: FB5250000
o-sec-BUTYLPHENYL METHYLCARBAMATE see: FB5425000
2-sec-BUTYLPHENYL N-METHYLCARBAMATE see: FB5425000
3-sec-BUTYLPHENYL N-METHYLCARBAMATE see: FB5250000
O-BUTYL S-(PHENYLMETHYL)CARBONODITHIOATE see: FG1050000
alpha-tert-BUTYL-alpha-PHENYL-4-MORPHOLINEETHANOL HYDROCHLORIDE see: QE3680400
2-(o-BUTYLPHENYL)-5-PHENYL-s-TRIAZOLE see: XZ4176000
alpha-sec-BUTYL-alpha-PHENYL-1-PIPERIDINEBUTYRONITRILE HYDROCHLORIDE see: TM5650000
alpha-tert-BUTYL-alpha-PHENYL-1-PIPERIDINEETHANOL HYDROCHLORIDE see: TM8582000
1-n-BUTYL-2-PHENYL-3-N-PIPERIDINOMETHYL-8-METHYLIMIDAZO(1,2-f)XANTHINE HYDROBROMIDE see: NJ5096100
4-BUTYL-1-PHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8420000
alpha-tert-BUTYL-alpha-PHENYL-1-PYRROLIDINEETHANOL HYDROCHLORIDE see: UY1210000
N-n-BUTYL-3-PHENYLSALICYLAMIDE see: VN7050000
3-BUTYL-4-PHENYLSYDNONE IMINE MONOHYDROCHLORIDE see: WU7677350
N-(BUTYL)-C-(PHENYL)-SYDNONIMIN HYDROCHLORID (German) see: WU7677350
BUTYL PHOSPHATE, TRI- see: TC7700000
BUTYL PHOSPHITE see: TG6720000
BUTYL PHOSPHORIC ACID (DOT) see: PB8490000
BUTYL PHOSPHOROTRITHIOATE see: TG5425000
BUTYL PHTHALATE BUTYL GLYCOLATE see: TI9535000
n-BUTYL PHTHALATE (DOT) see: TI0875000
BUTYLPHTHALIDE see: TI3692000
3-BUTYLPHTHALIDE see: TI3692000
3-n-BUTYLPHTHALIDE see: TI3692000
BUTYL PHTHALYL BUTYL GLYCOLATE see: TI0535000
5-BUTYLPICOLINIC ACID see: US5625000
1-BUTYL-2',6'-PIPECOLOXYLIDIDE see: TK6060000
1-BUTYL-2',6'-PIPECOLOXYLIDIDE HYDROCHLORIDE (- -) see: TK6125000
(- -)-1-BUTYL-2',6'-PIPECOLOXYLIDIDE MONOHYDROCHLORIDE, MONOHYDRATE see: TK6125000
1-(BUTYL(2-PIPERIDINOETHYL)AMINO)-3-(o-CHLOROPHENOXY)-2-PROPANOL DIHYDROCHLORIDE see: UA8580000 2-PROPANOL, 1-(BUTYL(2-PIPERIDINOETHYL)AMINO)-3-(o-CHLOROPHENOXY)-, DIHYDROCHLORIDE
1-(BUTYL(2-PIPERIDINOETHYL)AMINO)-3-(2,4-DICHLOROPHENOXY)2-PROPANOL DIHYDROCHLORIDE see: UA8585000 2-PROPANOL, 1-(BUTYL(2-PIPERIDINOETHYL)AMINO)-3-(2,4-DICHLOROPHENOXY)-, DIHYDROCHLORIDE
5-BUTYL-5-(2-PIPERIDINOETHYL)BARBITURIC ACID see: CQ2386500
5-BUTYL-5-(2-PIPERIDINOETHYL)BARBITURIC ACID HYDROCHLORIDE see: CQ2386520
BUTYL POTASSIUM XANTHATE see: PG1222000
BUTYLPROPANEDIOIC ACID MONO(1,2-DIPHENYLHYDRAZIDE) CALCIUM SALT HEMIHYDRATE see: OO0625000
BUTYL PROPANOATE see: UE8245000
BUTYL 2-PROPENOATE see: UD3150000
BUTYL PROPIONATE see: UE8245000
n-BUTYL PROPIONATE see: UE8245000
BUTYL PROPIONATE (DOT) see: UE8245000
2-BUTYLPYRAZOLE see: UQ6223000
5-BUTYL-2-PYRIDINECARBOXYLIC ACID see: US5625000
1-BUTYL-3-PYRIDINEMETHANOL p-AMINOBENZOATE HYDROCHLORIDE see: UT4720000
1-((4-(tert-BUTYL)PYRIDINIO)METHOXYMETHYL)-4-((HYDROXYIMINO)METHYL)PYRIDINIUM DICHLORIDE see: UU2740000
5-BUTYL-4-PYRIMIDINOL see: UW6022000
BUTYLPYRIN see: UQ8225000
p-t-BUTYLPYROCATECHOL see: UX1400000
4-t-BUTYLPYROCATECHOL see: UX1400000
N-BUTYLPYRROLIDINONE see: UY5746000
1-BUTYL-2-PYRROLIDINONE see: UY5746000
N-BUTYLPYRROLIDONE see: UY5746000
N-BUTYL-5H-PYRROLO(3,2-d)PYRIMIDIN-4-AMINE see: UY8830000
sec-BUTYLQUINOLINE see: VB0550000
6- and 8-sec-BUTYLQUINOLINE (80/20) see: VB0550000
2-tert-BUTYL-p-QUINONE mixed with COPPER SULFATE see: DK3795000
3-BUTYLRYL-PROMAZIN see: EL7880000
BUTYL SALICYLATE see: VO2000000
o-BUTYL SALICYLATE see: VO2000000
BUTYLSCOPOLAMINE BROMIDE see: YM3500000
N-BUTYLSCOPOLAMINE BROMIDE see: YM3500000
n-BUTYLSCOPOLAMINE TANNATE see: YM3510000
N-BUTYLSCOPOLAMINIUM BROMIDE see: YM3500000
BUTYLSCOPOLAMMONIUM BROMIDE see: YM3500000
N-BUTYLSCOPOLAMMONIUM BROMIDE see: YM3500000
N-BUTYLSCOPOLAMMONIUM BROMIDE combined with SODIUM SULPYRINE (1:25) see: EI7351000
4'-(BUTYLSELENO)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE see: UG8870000
BUTYLSTANNOIC ACID see: WH6770000
BUTYL STEARATE see: WI2900000
n-BUTYL STEARATE see: WI2900000
N-BUTYLSULFAMILYLUREA see: YS4200000 UREA, 1-BUTYL-3-SULFANILYL-
1-BUTYL-3-SULFANILYLUREA see: YS4200000

ER6417000 BUTYL SULFIDE

UPDT 8305 CAS: 544-40-1 MW: 146.32 MOLFM: C8 H18 S
SYN: BUTYL MONOSULFIDE * n-BUTYL SULFIDE * BUTYLTHIOBUTANE * n-DIBUTYL SULFIDE * DI-n-BUTYLSULFIDE * DIBUTYL SULPHIDE * DIBUTYL THIOETHER * 5-THIANONANE * THIANONANE 5

IRRITATION DATA AND REFERENCES:
skn-rbt 5u0 mg/24H MOD FCTXAV 17,769,79

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2220 mg/kg FCTXAV 17,769,79
* ihl-mus LCLo:1800 mg/m3 FCTXAV 17,769,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

n-BUTYL-SULFIDE see: ER6417000
4-(BUTYLSULFONYL)-1-METHYL-4-PHENYLPIPERIDINE HYDROCHLORIDE see: TM5062000
3-sec-BUTYLSYDNONE see: WU7675300
3-tert-BUTYLSYDNONE see: WU7675350
N-(BUTYL)-SYDONIMIN HYDROCHLORID (German) see: WU7677320
3-BUTYLSYDNONE IMINE MONOHYDROCHLORIDE see: WU7677320
BUTYLSYMPATHOL see: DN9200000
BUTYL 2,4,5-T see: AJ8485000
BUTYL TEGOSEPT see: DM1980000
S-BUTYL TETRAMETHYLPHOSPHORODIAMIDOTHIOATE see: TD4150000
N-(5-tert-BUTYL-1,3,4-THIADIAZOL-2-YL)BENZENESULFONAMIDE see: DB1290000
N-(5-tert-BUTYL-1,3,4-THIADIAZOL-2-YL)-p-CHLOROBENZENESULFONAMIDE see: DB1295000
1-(5-tert-BUTYL-1,3,4-THIADIAZOL-2YL)-3-DIMETHYLHARNSTOFF (German) see: YS4250000
1-(5-tert-BUTYL-1,3,4-THIADIAZOL-2-YL)-1,3-DIMETHYLUREA see: YS4250000
1-(5-BUTYL-1,3,4-THIADIAZOL-2-YL)-3-METHYL-5-HYDROXY-2-IMIDAZOLIDINONE see: NJ0620000
2-BUTYLTHIOBENZOTHIAZOLE see: DL2940000
BUTYLTHIOBUTANE see: ER6417000
1-(BUTYLTHIO)-3-(DIBUTYLAMINO)-2-PROPANOL BENZOATE HYDROCHLORIDE see: UA8596000 2-PROPANOL, 1-(BUTYLTHIO)-3-(DIBUTYLAMINO)-, BENZOATE (ester), HYDROCHLORIDE
p-BUTYLTHIODIPHENYLMETHYL 2-DIMETHYLAMINOETHYL SULFIDE HYDROCHLORIDE see: KQ8575000
BUTYLTHIOETHYL METHACRYLATE see: OZ3800000 METHACRYLIC ACID, 2-(BUTYLTHIO)ETHYL ESTER
S-((tert-BUTYLTHIO)METHYL)O,O-DIETHYLPHOSPHORODITHIOATE see: TD7200000
2-((p-(BUTYLTHIO)-alpha-PHENYLBENZYL)THIO)-N,N-DIMETHYLETHYLAMINE see: KQ8563000
2((p-(BUTYLTHIO)-alpha-PHENYLBENZYL)THIO)-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE see: KQ8575000
(BUTYLTHIO)TRIOCTYLSTANNANE see: WH6770200
(BUTYLTHIO)TRIPROPYLSTANNANE see: WH6770400
BUTYLTIN TRILAURATE see: WH6785000
n-BUTYLTIN TRIS(DIBUTYLDITHIOCARBAMATE) see: WH6787000
BUTYL TITANATE see: XR1585000
m-BUTYLTOLUENE see: XS8150000
o-BUTYLTOLUENE see: XS8300000
p-BUTYLTOLUENE see: XS8390000
p-tert-BUTYLTOLUENE see: XS8400000
m-BUTYLTOLUENE (DOT) see: XS8150000
o-BUTYLTOLUENE (DOT) see: XS8300000
p-BUTYLTOLUENE (DOT) see: XS8390000
N-BUTYL-N'-p-TOLUENESULFONYLUREA see: YS4550000
N-BUTYL-N'-TOLUENE-p-SULFONYLUREA see: YS4550000
alpha-tert-BUTYL-alpha-(p-TOLYL)-1-PIPERIDINEETHANOL HYDROCHLORIDE see: TM8584000
1-BUTYL-3-(p-TOLYLSULFONYL)UREA see: YS4550000
1-BUTYL-3-(p-TOLYLTHIO)UREA see: YS4552500 UREA, 1-BUTYL-3-(p-TOLYLTHIO)-
1-BUTYL-3-TOSYLUREA see: YS4550000
N-n-BUTYL N'-TOZYLUREA see: YS4550000
4-n-BUTYL-4H-1,2,4-TRIAZOLE see: XZ4150000
BUTYL 1,2,2-TRICHLOROETHYL DISULFIDE see: JO1620000
BUTYL 2,4,5-TRICHLOROPHENOXYACETATE see: AJ8485000
n-BUTYL (2,4,5-TRICHLOROPHENOXY)ACETATE see: AJ8485000
BUTYL TRICHLOROSILANE (DOT) see: VV2080000
3-t-BUTYLTRICYCLOQUINAZOLINE see: YD2865000
BUTYL o-((m-(TRIFLUOROMETHYL)PHENYL)AMINO)BENZOATE see: DM8511000
BUTYL 2-((3-(TRIFLUOROMETHYL)PHENYL)AMINO)BENZOATE see: DM8511000
BUTYL 2-(4-(5-TRIFLUOROMETHYL-2-PYRIDINYLOXY)PHENOXY)PROPANOATE see: UA3000900
BUTYLTRI(LAUROYLOXY)STANNANE see: WH6785000
5-tert-BUTYL-1,2,3-TRIMETHYL-4,6-DINITROBENZENE see: CZ7220000
N-BUTYL-2,3,3-TRIMETHYL-2-NORBORNANAMINE see: RB6549000
tert-BUTYL TRIMETHYLPEROXYACETATE see: SE0952000
4-BUTYL-2,6,7-TRIOXABICYCLO(2,2,2)OCTANE see: YJ9267000
4-(tert-BUTYL)-2,6,7-TRIOXA-1-PHOSPHABICYCLO(2,2,2)OCTAN-1-ONE see: TY3700000
BUTYLTRIS(DIBUTYLDITHIOCARBAMATO)STANNANE see: WH6787000
BUTYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)STANNANE see: WH6790000
BUTYL 10-UNDECENOATE see: YQ2978000
BUTYL UNDECYLENATE see: YQ2978000
N-BUTYLUREA see: YS4675000
tert-BUTYLUREA see: YS3680000
1-BUTYLUREA and SODIUM NITRITE (2:1) see: YS4140000
BUTYL VINYL ETHER, inhibited (DOT) see: KN5950000
6-t-BUTYL-2,4-XYLENOL see: ZE6825000
BUTYL ZIMATE see: ZH0175000
BUTYL ZIRAM see: ZH0175000
BUTYN see: UB0875000

ER9500000 3-BUTYNAMIDE, 2,2-DIPHENYL-

UPDT 8412
SYN: DDCP * 2,2-DIPHENYL-3-BUTYNAMIDE * 2,3-DIPHENYL-3-DIMETHYLCARBAMOYL-1-PROPYNE

TUMORIGENIC DATA AND REFERENCES:
3Y01R60160 orl-rat TDLo:780 mg/kg/21W-I CNREAB 35,2469,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

ER9520000 2-BUTYN-1-AMINE, (3-AZABICYCLO(3.2.1)OCT-3-YL 1,8,8-TRIMETHYL)-N,N-DIETHYL-
UPDT:8411 CAS: 49832-51-1 MW: 276.52 MOLFM: C18-H32-N2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg CHTPBA 8,281,73
ER9553000 1-BUTYNE
UPDT:8401 CAS: 107-00-6 MW: 54.10 MOLFM: C4-H6
SYN: ETHYLACETYLENE * ETHYL ACETYLENE (DOT) * ETHYLETHYNE * UN 2452 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
2-BUTYNE (BCI,9CI) see: GQ7210000
2-BUTYNEDINITRILE (9CI) see: AO9860000 ACETYLENEDICARBONITRILE
1,4-BUTYNEDIOL see: ES0525000
ES0525000 2-BUTYNE-1,4-DIOL
UPDT:8408 CAS: 110-65-6 MW: 86.10 MOLFM: C4-H6-O2
SYN: 1,4-BUTYNEDIOL * 1,4-BUTYNEDIOL (DOT) * UN 2716 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:104 mg/kg HYSAAV 33,41,68
* ihl-rat LCLo:150 mg/m3/2H 85GMAT -,30,82
orl-mus LD50:105 mg/kg HYSAAV 33,41,68
* ihl-mus LCLo:150 mg/m3/2H 85GMAT -,30,82
orl-rbt LD50:150 mg/kg HYSAAV 33,41,68
orl-gpg LD50:130 mg/kg HYSAAV 33,41,68
STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,4-BUTYNEDIOL (DOT) see: ES0525000
BUTYNOIC ACID, 3-PHENYL-2-PROPENYL ESTER see: ES8815000
2-BUTYN-1-OL, 4-CHLORO-, m-CHLOROCARBANILATE see: FD7700000
ES0775000 2-BUTYN-1-OL, 4-(DIETHYLAMINO)-1,1-DIPHENYL-
UPDT:8303 CAS: 968-59-2 MW: 293.44 MOLFM: C20-H23-N-O
SYN: 4-(DIETHYLAMINO)-1,1-DIPHENYL-2-BUTYN-1-OL
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65
ES0775500 2-BUTYN-1-OL, 4-(DIETHYLAMINO)-1-(2-FURYL)-1-PHENYL-
UPDT:8303 MW: 283.40 MOLFM: C18-H21-N-O2
SYN: 4-(DIETHYLAMINO)-1-(2-FURYL)-1-PHENYL-2-BUTYN-1-OL
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65
ES0775600 2-BUTYN-1-OL, 4-(DIETHYLAMINO)-1-PHENYL-1-(2-THIENYL)-
UPDT:8303 MW: 299.46 MOLFM: C18-H21-N-O-S
SYN: 4-(DIETHYLAMINO)-1-PHENYL-1-(2-THIENYL)-2-BUTYN-1-OL
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65
ES0810000 3-BUTYN-2-OL, 2-METHYL-
UPDT:8403 CAS: 115-19-5 MW: 84.13 MOLFM: C5-H8-O
SYN: DIMETHYLACETYLENECARBINOL * DIMETHYLACETYLENYLCARBINOL * alpha-alpha-DIMETHYLPROPARGYL ALCOHOL * 1,1-DIMETHYLPROPARGYL ALCOHOL * 1,1-DIMETHYLPROPYNOL * ETHYNYLDIMETHYLCARBINOL * 2-HYDROXY-2-METHYL-3-BUTYNE * MBY * 3-METHYL-BUTIN-(1)-OL-(3) (German) * 2-METHYL-3-BUTYN-2-OL
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1800 mg/kg ARZNAD 4,477,54
* ipr-mus LD50:3600 mg/kg MEIEDD 10,866,83
scu-mus LD50:2340 mg/kg ARZNAD 5,161,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ES0818000 3-BUTYN-2-OL, METHYL-, CARBAMATE
UPDT:8309 CAS: 33060-69-4 MW: 127.16 MOLFM: C6-H9-N-O2
SYN: CARBAVINE * METHYL-3-BUTYN-2-OL CARBAMATE
TOXICITY DATA AND REFERENCES:
1F01 ipr-rat LDLo:700 mg/kg RPTOAN 33,191,70
2F04F05 unk-mus LD50:1500 mg/kg RPTOAN 33,191,70
1F01 ipr-rbt LDLo:700 mg/kg RPTOAN 33,191,70
BUTYNORATE see: WH7000000
BUTYN SULFATE see: UB1050000
2-BUTYNYL-4-CHLORO-m-CHLOROCARBANILATE see: FD7700000
BUTYNYL-3N-3-CHLOROPHENYLCARBAMATE mixed with 5-AMINO-4-CHLORO-2-PHENYL-3(2H)-PYRIDAZINONE see: UR6135000
BUTYNYL-3N-3-CHLOROPHENYLCARBAMATE mixed with 3-CYCLOOCTYL-1,1-DIMETHYL UREA see: YS7890000
1,1'-(2-BUTYNYLENEDIOXY)BIS(3-CHLORO-2-PROPANOL) see: UA8600000
17-alpha-(1-BUTYNYL)-17-beta-HYDROXYESTR-4-EN-3-ONE see: KG7962200
BUTYRAC see: ES9100000
BUTYRAC see: ES9275000
BUTYRAC 118 see: ES9100000
BUTYRAC 200 see: ES9100000
BUTYRAC ESTER see: ES9100000
BUTYRAL see: ES2275000
BUTYRALDEHYD (German) see: ES2275000
ES2275000 BUTYRALDEHYDE
UPDT:8412 CAS: 123-72-8 MW: 72.12 MOLFM: C4-H8-O
SYN: ALDEHYDE BUTYRIQUE (French) * ALDEIDE BUTIRRICA (Italian) * BUTAL * BUTALDEHYDE * BUTALYDE * BUTANAL * n-BUTANAL (Czech) * BUTANALDEHYDE * BUTYL ALDEHYDE * n-BUTYL ALDEHYDE * BUTYRAL * BUTYRALDEHYD (German) * n-BUTYRALDEHYDE * BUTYRALDEHYDE (DOT) * BUTYRIC ALDEHYDE * NCI-C56291 * UN 1129 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 410 mg open MLD UCDS** 7/20/65
skn-rbt 500 mg/24H SEV 28ZPAK -,40,72
eye-rbt 75 ug open SEV AMIHBC 4,119,51
eye-rbt 20 mg/24H SEV 28ZPAK -,40,72
skn-gpg 100% MOD FCTXAV 17,731,79
MUTATION DATA AND REFERENCES:
spm-mus-ipr 30 mg/kg MUREAV 39,317,77
spm-mus-orl 15 gm/kg/50D MUREAV 39,317,77
TOXICITY DATA AND REFERENCES:
1518 ihl-hmn TCLo:580 mg/m3 BMJOAE 2,913,56
orl-rat LD50:2490 mg/kg 28ZPAK -,40,72
* ihl-rat LCLo:8000 ppm/4H AMIHBC 4,119,51
* ipr-rat LD50:800 mg/kg FCTXAV 17,731,79
scu-rat LDLo:10 gm/kg ARZNAD 11,73,61
* ihl-mus LC50:44610 mg/m3/2H 85GMAT -,30,82
* ipr-mus LD50:1140 mg/kg FCTXAV 17,731,79
2F01M14 scu-mus LD50:2700 mg/kg APTOA6 6,299,50
skn-rbt LD50:3560 mg/kg UCDS** 7/20/67
* ihl-mam LC50:64 gm/m3 GTPZAB 12(7),16,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,163,75
STANDARDS & REGULATIONS:
★ DOT-HAZARD-FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
n-BUTYRALDEHYDE see: ES2275000
BUTYRALDEHYDE (DOT) see: ES2275000
ES2450000 BUTYRALDEHYDE, 3-ETHOXY-2-OXO-, BIS(THIOSEMICARBAZONE)
UPDT:8304 CAS: 2507-91-7 MW: 276.42 MOLFM: C8-H16-N6-O-S2
SYN: B.W. 356-C.61 * 356C61 * CONTRAPAR * 1,1'-((1-ETHOXYETHYL)ETHANEDIYLIDENE)BIS(3-THIOSEMICARBAZIDE) * (1-ETHOXYETHYL)GLYOXAL BIS(THIOSEMICARBAZONE) * 3-ETHOXY-2-OXOBUTYRALDEHYDE BIS(THIOSEMICARBAZONE) * GLOXAZON * GLOXAZONE * HYDRAZINECARBOTHIOAMIDE, 2,2'-(1-(1-ETHOXYETHYL)-1,2-ETHANEDIYLIDENE)BIS- * KETHOXAL BIS-THIOSEMICARBAZIDE * 2-KETO-3-ETHOXY-BUTYRALDEHYDE-BIS(THIOSEMICARBAZONE) * KTS (pharmaceutical) * M°C 82116 * SEMICARBAZIDE, 1,1'-((1-ETHOXYETHYL)ETHANEDIYLIDENE)BIS(3-THIO- * U-7726 * WR 9838
MUTATION DATA AND REFERENCES:
dni-hmn-hla 50 umol/l MUREAV 92,427,82
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:182 mg/kg CHTHBK 13,339,68
ipr-mus LDLo:1000 mg/kg CNCRA6 30,9,63
ES2625000 BUTYRALDEHYDE, 2-ETHYL-
UPDT:8308 CAS: 97-96-1 MW: 100.18 MOLFM: C6-H12-O
SYN: ALDEHYDE 2-ETHYLBUTYRIQUE (French) * DIETHYL ACETALDEHYDE * 2-ETHYLBUTANAL * ETHYL BUTYRALDEHYDE * alpha-ETHYLBUTYRALDEHYDE * ETHYL BUTYRALDEHYDE (DOT) * 2-ETHYLBUTYRIC ALEDHYDE * UN 1178 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 12/14/71
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3980 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:8000 ppm/4H AMIHBC 4,119,51
STANDARDS & REGULATIONS:
★ DOT-HAZARD-FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ES3150000 BUTYRALDEHYDE, 3-HYDROXY-
UPDT:8407 CAS: 107-89-1 MW: 88.12 MOLFM: C4-H8-O2
SYN: ACETALDOL * ALDOL * ALDOL (DOT) * 3-BUTANOLAL * 3-HYDROXYBUTANAL * beta-HYDROXYBUTYRALDEHYDE * 3-HYDROXYBUTYRALDEHYDE * OXYBUTANAL * OXYBUTYRIC ALDEHYDE * UN 2839 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD JIHTAB 31,60,49
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
eye-rbt 100 mg MLD UCDS** 4/21/67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2180 mg/kg JIHTAB 31,60,49
skn-rbt LD50:140 mg/kg UCDS** 4/21/67
STANDARDS & REGULATIONS:
★ DOT-IMO-POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ES3400000 BUTYRALDEHYDE, 2-METHYL-
UPDT:8307 CAS: 96-17-3 MW: 86.15 MOLFM: C5-H10-O
SYN: ACETALDEHYDE, ETHYLMETHYL- * alpha-METHYLBUTANAL * 2-METHYLBUTANAL * 2-METHYL-1-BUTANAL * alpha-METHYLBUTYRALDEHYDE * 2-METHYLBUTYRALDEHYDE * alpha-METHYLBUTYRIC ALDEHYDE * METHYLETHYLACETALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 10/5/72
eye-rbt 500 mg/24H SEV FCTOD7 20(Suppl),739,82
skn-gpg 100%/24H MOD FCTOD7 20(Suppl),739,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6400 mg/kg FCTOD7 20(Suppl),739,82
ihl-rat LC50:14000 ppm/4H UCDS** 10/5/72
orl-mus LD50:3200 mg/kg 14CYAT 2,1968,63
skn-rbt LD50:5730 mg/kg UCDS** 10/5/72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ES3450000 BUTYRALDEHYDE, 3-METHYL-
UPDT:8307 CAS: 590-86-3 MW: 86.15 MOLFM: C5-H10-O
SYN: 1-BUTANAL, 3-METHYL- * ISOPENTALDEHYDE * ISOVALERAL * ISOVALERALDEHYDE * ISOVALERIC ALDEHYDE * 3-METHYLBUTANAL * 3-METHYLBUTYRALDEHYDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8910 mg/kg TXAPA9 28,313,74
* ihl-rat LCLo:16000 ppm/4H TXAPA9 28,313,74
* skn-rbt LD50:3180 mg/kg TXAPA9 28,313,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ES3500000 BUTYRALDEHYDE, OXIME
UPDT:8312 CAS: 110-69-0 MW: 87.14 MOLFM: C4-H9-N-O
SYN: BUTANAL OXIME * n-BUTYRALDEHYDE OXIME * n-BUTYRALDOXIME * BUTYRALDOXIME (DOT) * SKINO #1 * UN 2840 (DOT) * USAF AM-6
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg NTIS** AD277-689
STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
m-BUTYRALDEHYDE OXIME see: ES3500000
BUTYRALDEHYDIC ACID see: WM3380000
BUTYRALDOXIME (DOT) see: ES3500000
n-BUTYRALDOXIME see: ES3500000
ES4060000 BUTYRAMIDE, 2-ACETAMIDO-N-ANTIPYRINYL-
UPDT:8303 MW: 330.43 MOLFM: C17-H22-N4-O3
SYN: 2-ACETAMIDO-N-ANTIPYRINYLBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:2182 mg/kg PCJOAU 16,51,82
ES4303100 BUTYRAMIDE, N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIETHYLAMINO)-3-METHYL-
UPDT:8408 MW: 353.57 MOLFM: C19-H35-N3-O3
SYN: N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIETHYLAMINO)-3-METHYLBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg YKKZAJ 82,481,62
ES4303200 BUTYRAMIDE, N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIMETHYLAMINO)-3-METHYL-
UPDT:8408 MW: 325.51 MOLFM: C17-H31-N3-O3
SYN: N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIMETHYLAMINO)-3-METHYLBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:450 mg/kg YKKZAJ 82,481,62

BEST COPY AVAILABLE

ES4304000 BUTYRAMIDE, N-BUTYL-N-NITROSO-
UPDT:8405 MW: 172.26 MOLFM: C8-H16-N2-O2
SYN: N-BUTYL-N-NITROSOBUTYRAMIDE * N-BUTYL-N-(1-OXOBUTYL)NITROSAMINE * NBBA * N-NITROSO-N-BUTYLBUTYRAMIDE * N-NITROSO-N-BUTYROXY-BUTYLAMINE
TUMORIGENIC DATA AND REFERENCES:
3V01J60V10 scu-rat TDLo:65 mg/kg/10W-I IAPUDO 41,619,82
3V03J60V10 scu-rat TD :70500 ug/kg/10W-I GANNA2 76,687,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES4306100 BUTYRAMIDE, N-(2-(6-CHLORO-5-METHOXY-3-INDOLYL)ETHYL)-
UPDT:8401 CAS: 63762-76-5 MW: 294.81 MOLFM: C15-H19-Cl-N2-O2
SYN: N-(2-(6-CHLORO-5-METHOXY-3-INDOLYL)ETHYL)BUTYRAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rat TDLo:15 mg/kg (1D pre) JMCMAR 22,63,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES4307700 BUTYRAMIDE, 4-(CYCLOHEXYLMETHYLAMINO)-2,2-DIPHENYL-
UPDT:8305 MW: 350.55 MOLFM: C23-H30-N2-O
SYN: 4-(CYCLOHEXYLMETHYLAMINO)-2,2-DIPHENYLBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg AIPTAK 103,100,55

ES4308400 BUTYRAMIDE, 2-(DIETHYLAMINO)-N-(3,4-DIMETHYL-5-ISOXAZOLYL)-3-METHYL-, PICRATE
UPDT:8411 MW: 498.54 MOLFM: C14-H25-N3-O2 C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg YKKZAJ 82,474,62

ES4308450 BUTYRAMIDE, 2-(DIETHYLAMINO)-N-(3,4-DIMETHYL-5-ISOXAZOLYL)-, PICRATE
UPDT:8411 MW: 482.51 MOLFM: C13-H23-N5-O2 C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:380 mg/kg YKKZAJ 82,474,62

ES4308500 BUTYRAMIDE, 4-DIETHYLAMINO-2,2-DIPHENYL-
UPDT:8305 MW: 310.48 MOLFM: C20-H26-N2-O
SYN: 4-DIETHYLAMINO-2,2-DIPHENYLBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:44 mg/kg AIPTAK 103,100,55

ES4308700 BUTYRAMIDE, 2-(DIETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYL-
UPDT:8408 MW: 325.51 MOLFM: C17-H31-N3-O3
SYN: 2-(DIETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYLBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:450 mg/kg YKKZAJ 82,481,62

ES4309300 BUTYRAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYL-
UPDT:8308 CAS: 63224-29-3 MW: 262.44 MOLFM: C16-H26-N2-O
SYN: BENZENEACETAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-alpha-ETHYL- * N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYLBUTYRAMIDE * GC 79
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LDLo:200 mg/kg APFRAD 35,135,77

ES4309310 BUTYRAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-3-PHENYL-
UPDT:8308 CAS: 63224-30-6 MW: 262.44 MOLFM: C16-H26-N2-O
SYN: BENZENEPROPANAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-beta-METHYL- * N-(2-(DIETHYLAMINO)ETHYL)-3-PHENYLBUTYRAMIDE * GC 80
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LDLo:200 mg/kg APFRAD 35,135,77

ES4309320 BUTYRAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-4-PHENYL-
UPDT:8308 CAS: 63224-28-2 MW: 262.44 MOLFM: C16-H26-N2-O
SYN: BENZENEBUTANAMIDE, N-(2-(DIETHYLAMINO)ETHYL)- * N-(2-(DIETHYLAMINO)ETHYL)-4-PHENYLBUTYRAMIDE * GC 78
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:120 mg/kg APFRAD 35,135,77

ES4309500 BUTYRAMIDE, 4-DIETHYLAMINO-2-ETHYL-2-PHENYL-, OXALATE
UPDT:8305 MW: 352.48 MOLFM: C16-H26-N2-O C2-H2-O4
SYN: 4-DIETHYLAMINO-2-ETHYL-2-PHENYLBUTYRAMIDE OXALATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:11814 ug/kg AIPTAK 103,100,55

ES4311000 BUTYRAMIDE, 2-(DIETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYL-
UPDT:8408 MW: 311.48 MOLFM: C16-H29-N3-O3
SYN: 2-(DIETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYLBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:180 mg/kg YKKZAJ 82,481,62

ES4312000 BUTYRAMIDE, 4-DIETHYLAMINO-2-PHENYL-, OXALATE
UPDT:8305 MW: 324.42 MOLFM: C14-H22-N2-O C2-H2-O4
SYN: 4-DIETHYLAMINO-2-PHENYLBUTYRAMIDE OXALATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:103 mg/kg AIPTAK 103,100,55

ES4315000 BUTYRAMIDE, N-(1,6-DIHYDRO-6-OXO-9-beta-D-RIBOFURANOSYL-9H-PURIN-2-YL)-, CYCLIC HYDROGEN PHOSPHATE BUTYRATE (ester)
UPDT:8305 CAS: 32266-35-6 MW: 485.44 MOLFM: C18-H24-N5-O9-P
SYN: CYCLIC DIBUTYRYL GMP * DIBUTYRYL cGMP * N(sup 2),O(sup 2')-DIBUTYRYL cGMP * N(sup 2),O(sup 2)-DIBUTYRYL CYCLIC GMP * DIBUTYRYL CYLIC GMP * DIBUTYRYL 3',5'-CYCLIC GMP
MUTATION DATA AND REFERENCES:
oms-hmn:oth 1 mmol/L JIDEAE 65,52,75

ES4316000 BUTYRAMIDE, 2,4-DIHYDROXY-N-(3-HYDROXYPROPYL)-3,3-DIMETHYL-, D-(+)-
UPDT:8406 CAS: 81-13-0 MW: 205.29 MOLFM: C9-H19-N-O4
SYN: BEPANTHEN * BEPANTHENE * BEPANTOL * BUTANAMIDE, 2,4-DIHYDROXY-N-(3-HYDROXYPROPYL)-3,3-DIMETHYL-, (R)- (9CI) * COZYME * DEXPANTHENOL * D-(+)-2,4-DIHYDROXY-N-(3-HYDROXYPROPYL)-3,3-DIMETHYLBUTYRAMIDE * D-P-A INJECTION * ILOPAN * MOTILYN * PANADON * PANTHENOL * D-PANTHENOL * D(+)-PANTHENOL * PANTHODERM * PANTOL * PANTOTHENOL * d-PANTOTHENOL * PANTOTHENYL ALCOHOL * d-PANTOTHENYL ALCOHOL * D(+)-PANTOTHENYL ALCOHOL * THENALTON * ZENTINIC
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:9 gm/kg FRPSAX 14,43,59
* ivn-mus LD50:7000 mg/kg NIIRDN 6,599,82
* ivn-rbt LD50:4000 mg/kg NIIRDN 6,599,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ES4316500 BUTYRAMIDE, 2,4-DIHYDROXY-N-(3-HYDROXYPROPYL)-3,3-DIMETHYL-, DL-
UPDT:8406 MW: 205.29 MOLFM: C9-H19-N-O4
SYN: ALCOOL DL PANTOTENILICO (Italian) * (+-)-2,4-DIHYDROXY-N-(3-HYDROXYPROPYL)-3,3-DIMETHYLBUTYRAMIDE * DL-PANTOTHENYL ALCOHOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:10100 mg/kg FRPSAX 14,43,59

ES4317000 BUTYRAMIDE, 4-DIISOPROPYLAMINO-2,2-DIPHENYL-
UPDT:8305 MW: 338.54 MOLFM: C22-H30-N2-O
SYN: 4-DIISOPROPYLAMINO-2,2-DIPHENYLBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:38 mg/kg AIPTAK 103,100,55

ES4330100 BUTYRAMIDE, 2-(DIMETHYLAMINO)-N-(3,4-DIMETHYL-5-ISOXAZOLYL)-3-METHYL-, PICRATE
UPDT:8411 MW: 468.48 MOLFM: C12-H21-N3-O2 C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg YKKZAJ 82,474,62

ES4330150 BUTYRAMIDE, 2-(DIMETHYLAMINO)-N-(3,4-DIMETHYL-5-ISOXAZOLYL)-, PICRATE
UPDT:8411 MW: 454.45 MOLFM: C11-H19-N3-O2 C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:410 mg/kg YKKZAJ 82,474,62

ES4330600 BUTYRAMIDE, 4-DIMETHYLAMINO-2,2-DIPHENYL-
UPDT:8305 MW: 282.42 MOLFM: C18-H22-N2-O
SYN: 4-DIMETHYLAMINO-2,2-DIPHENYLBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:61472 ug/kg AIPTAK 103,100,55

ES4330800 BUTYRAMIDE, 2-(DIMETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYL-
UPDT:8408 MW: 297.45 MOLFM: C15-H27-N3-O3
SYN: 2-(DIMETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYLBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg YKKZAJ 82,481,62

ES4339500 BUTYRAMIDE, N-(2-(DIMETHYLAMINO)ETHYL)-3-PHENYL-
UPDT:8308 CAS: 63224-27-1 MW: 250.38 MOLFM: C16-H22-N2-O2
SYN: BENZENEPROPANAMIDE, N-(2-(DIMETHYLAMINO)ETHYL)-beta-METHYL- * N-(2-(DIMETHYLAMINO)ETHYL)-3-PHENYLBUTYRAMIDE * GC 75
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LDLo:200 mg/kg APFRAD 35,135,77

ES4339510 BUTYRAMIDE, N-(2-(DIMETHYLAMINO)ETHYL)-4-PHENYL-
UPDT:8308 CAS: 63224-25-9 MW: 234.38 MOLFM: C14-H22-N2-O
SYN: BENZENEBUTANAMIDE, N-(2-(DIMETHYLAMINO)ETHYL)- * N-(2-(DIMETHYLAMINO)ETHYL)-4-PHENYLBUTYRAMIDE * GC 73
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:160 mg/kg APFRAD 35,135,77

ES4391000 BUTYRAMIDE, 2-(DIMETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYL-
UPDT:8408 MW: 283.42 MOLFM: C14-H25-N3-O3
SYN: 2-(DIMETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYLBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:380 mg/kg YKKZAJ 82,481,62

ES4392600 BUTYRAMIDE, 2,2-DIPHENYL-4-DIPROPYLAMINO-, OXALATE
UPDT:8305 MW: 428.58 MOLFM: C22-H30-N2-O C2-H2-O4
SYN: 2,2-DIPHENYL-4-DIPROPYLAMINOBUTYRAMIDE OXALATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:45 mg/kg AIPTAK 103,100,55

ES4392630 BUTYRAMIDE, 2,2-DIPHENYL-4-(ETHYLISOPROPYLAMINO)-
UPDT:8305 MW: 324.51 MOLFM: C21-H28-N2-O
SYN: 2,2-DIPHENYL-4-(ETHYLISOPROPYLAMINO)BUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:47499 ug/kg AIPTAK 103,100,55

ES4392660 BUTYRAMIDE, 2,2-DIPHENYL-4-(ISOPROPYLMETHYLAMINO)-
UPDT:8305 MW: 310.48 MOLFM: C20-H26-N2-O
SYN: 2,2-DIPHENYL-4-(ISOPROPYLMETHYLAMINO)BUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:58 mg/kg AIPTAK 103,100,55

ES4392700 BUTYRAMIDE, N,N'-(DITHIOBIS(ETHYLENEIMINOCARBONYLETHYLENE))BIS(2,4-DIHYDROXY-3,3-DIMETHYL-, D-(+)-
UPDT:8406 CAS: 16816-67-4 MW: 554.80 MOLFM: C22-H42-N4-O8-S2
SYN: BIS(PANTOTHENAMIDOETHYL) DISULFIDE * LBF DISULFIDE * PANTETHINE * D-PANTETHINE * PANTETINA * PANTOMIN * PANTOSIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 ims-rat TDLo:3 gm/kg (9-14D preg) OYYAA2 2,55,68
2T76T81 ims-rat TDLo:120 mg/kg (9-14D preg) OYYAA2 2,55,68
2T34T46 ims-mus TDLo:9 gm/kg (7-12D preg) OYYAA2 2,55,68
1T81 ims-mus TDLo:120 mg/kg (7-12D preg) OYYAA2 2,55,68
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:4800 mg/kg NIIRDN 6,598,82
* scu-mus LD50:4870 mg/kg NIIRDN 6,598,82
* ivn-mus LD50:3400 mg/kg NIIRDN 6,598,82
* ims-mus LD50:5100 mg/kg NIIRDN 6,598,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES4480000 BUTYRAMIDE, 2-ETHYL-N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)-
UPDT:8405 MW: 262.58 MOLFM: C8-H14-Cl3-N-O2
SYN: 2-ETHYL-N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)BUTYRAMIDE
TOXICITY DATA AND REFERENCES:
2F07J30 ipr-rat LD50:965 mg/kg JAPMA8 41,100,52

ES5054900 BUTYRAMIDE, N-(9-beta-D-RIBOFURANOSYL-9H-PURIN-6-YL)-, 3',5'-CYCLIC HYDROGEN PHOSPHATE
UPDT:8308 MW: 349.34 MOLFM: C14-H18-N5-O7-P
SYN: N(sup 6)-MONOBUTYRYLADENOSINE 3',5'-CYCLIC MONOPHOSPHATE * N-(9-beta-D-RIBOFURANOSYL-9H-PURIN-6-YL)BUTYRAMIDE 3',5'-CYCLIC HYDROGEN PHOSPHATE
MUTATION DATA AND REFERENCES:
oms-hmn:oth 1 mmol/L CNREA8 43,513,83

ES5055000 BUTYRAMIDE, N-(9-beta-D-RIBOFURANOSYL-9H-PURIN-6-YL)-, cyclic 3',5'-(HYDROGENPHOSPHATE) 2'- BUTYRATE
UPDT:8311 CAS: 362-74-3 MW: 469.44 MOLFM: C18-H24-N5-O8-P
SYN: ADENOSINE, N-(1-OXOBUTYL)-, cyclic 3',5'-(HYDROGENPHOSPHATE) 2'-BUTANOATE (9CI) * CYCLIC AMP DIBUTYRATE * 3',5'-CYCLIC AMP DIBUTYRATE * CYCLIC AMP N(sup 6),2'-O-DIBUTYRATE * CYCLIC DIBUTYRYL AMP * DIBUTYRYL cAMP * N(sup 6),O(sup 2')-DIBUTYRYL cAMP * N(sup 6),2'-O-DIBUTYRYL cAMP * DIBUTYRYL CYCLIC AMP * N(sup 6),O(sup 2')-DIBUTYRYL CYCLIC AMP * N(sup 6),2'-O-DIBUTYRYL CYCLIC AMP * DIBUTYRYL 3',5'-CYCLIC AMP * DIBUTYRYL CYCLIC 3',5'-AMP
MUTATION DATA AND REFERENCES:
oms-hmn:oth 10 umol/L JIDEAE 65,52,75
oms-rat:oth 1 mmol/L INOPAO 13,210,74
dni-mus:oth 50 umol/L CNREA8 43,3514,83
oms-mus:oth 50 umol/L JIDEAE 66,313,76

ES5056000 BUTYRAMIDE, N-(9-beta-D-RIBOFURANOSYL-9H-PURIN-6-YL)-, CYCLIC 3',5'-(HYDROGEN PHOSPHATE) 2'-BUTYRATE, SODIUM SALT
UPDT:8412 MW: 491.42 MOLFM: C18-H23-N5-O8-P-Na
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ivn-rat TDLo:840 mg/kg (1-7D preg) OYYAA2 27,571,84
2I73I75 ivn-rat TDLo:2200 mg/kg (7-17D preg) OYYAA2 27,585,84
1T85 ivn-rat TDLo:138 mg/kg (7-17D preg) OYYAA2 27,585,84
1T81 ivn-rat TDLo:340 mg/kg (17-22D preg/28D post) OYYAA2 27,599,84
1T34 ivn-rat TDLo:620 mg/kg (9W male/2W pre/1-7D preg) OYYAA2 27,571,84

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA /MEDICAL RECORDS RULE

ES5065000 BUTYRAMIDE, N-(5,6,7,9-TETRAHYDRO-9-OXO-1,2,3,10-TETRAMETHOXYBENZO(a)HEPTALEN-7-YL)-, (S)-
UPDT:8406 CAS: 86436-36-4 MW: 427.54 MOL FM: C26 H29 N O6
SYN: N-BUTYRYLDEACETYLCOLCHICINE * (S)-N-(5,6,7,9-TETRAHYDRO-9-OXO-1,2,3,10-TETRAMETHOXYBENZO(a)HEPTALEN-7-YL)BUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:2480 ug/kg JMCMAR 26,1365,83

ES5070000 BUTYRAMIDE, N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)-
UPDT:8405 MW: 234.52 MOL FM: C6 H10 Cl3 N O2
SYN: N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)BUTYRAMIDE
TOXICITY DATA AND REFERENCES:
2F07J30 ipr-rat LD50:1102 mg/kg JAPMA8 41,100,52

2-(3-BUTYRAMIDO-DIIODOPHENOXY)BUTYRIC ACID see: ES8134000
3-BUTYRAMIDO-alpha-ETHYL-2,4,6-TRIIODOCINNAMIC ACID SODIUM SALT see: GD8430000
5'-BUTYRAMIDO-2'-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)ACETOPHENONE see: EJ3500500
3-BUTYRAMIDO-2,4,6-TRIIODOBENZOIC ACID see: DG4973500
(3-BUTYRAMIDO-2,4,6-TRIIODOPHENOXY)ACETIC ACID see: AF7493000
2-(3-BUTYRAMIDO-2,4,6-TRIIODOPHENOXY)PROPIONIC ACID see: UE8389000
2-(3-BUTYRAMIDO-2,4,6-TRIIODOPHENYLMETHYLENE)BUTYRIC ACID SODIUM SALT see: GD8430000

ES5222000 BUTYRAMIDOXIME, 3-HYDROXY-4-(alpha-NAPHTHYLOXY)-, HYDROCHLORIDE
UPDT:8411 CAS: 35991-93-6 MW: 296.78 MOL FM: C14 H16 N2 O3 Cl H
SYN: BRADYL * CHLORHYDRATE de (NAPHTHYLOXY-1)-4 HYDROXY-3 BUTYRAMIDOXIME (French) * N-3-DIHYDROXY-4-(1-NAPHTHALENYLOXY)BUTANIMIDAMIDE HYDROCHLORIDE * 3-HYDROXY-4-(1-NAPHTHYLOXY)BUTYRAMIDOXIME HYDROCHLORIDE * LL 1530 * NADOXOLOL HYDROCHLORIDE * 4-(alpha-NAPHTHYLOXY)-3-HYDROXYBUTYRAMIDOXIME HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg GWXXBX #2132113
* ivn-mus LD50:180 mg/kg GWXXBX #2132113

ES5235000 BUTYRANILIDE, 3'-ACETYL-4'-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-, MONOHYDROCHLORIDE, (±)-
UPDT:8408 CAS: 34381-68-5 MW: 372.94 MOL FM: C18 H28 N2 O4 Cl H
SYN: ACEBUTOLOL HYDROCHLORIDE * ACETOBUTOLOL HYDROCHLORIDE * dl-1-(2-ACETYL-4-BUTYRAMIDOPHENOXY)-2-HYDROXY-3-ISOPROPYLAMINOPROPANE HYDROCHLORIDE * 3-ACETYL-4'-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)BUTYRANILIDE HYDROCHLORIDE * M&B 17,803A * SECTRAL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T46T76T91 orl-rat TDLo:1100 mg/kg (7-17D preg) OYYAA2 15,885,78
1T12 orl-rat TDLo:7500 mg/kg (30D pre) OYYAA2 15,851,78
1T02 orl-rat TDLo:22750 mg/kg (91D male) OYYAA2 15,851,78
1T46 ivn-rat TDLo:22 mg/kg (7-17D preg) OYYAA2 15,885,78
1T02 ivn-rat TDLo:1400 mg/kg (35D male) OYYAA2 20,883,80
TOXICITY DATA AND REFERENCES:
3F17F19J25 orl-rat LD50:6620 mg/kg OYYAA2 15,837,78
3F17F19J25 ipr-rat LD50:222 mg/kg OYYAA2 15,837,78
3F17F19J25 scu-rat LD50:1310 mg/kg OYYAA2 15,837,78
* ivn-rat LD50:103 mg/kg NIIRDN 6,19,82
3F17F19J25 orl-mus LD50:4050 mg/kg OYYAA2 15,837,78
3F17F19J25 ipr-mus LD50:185 mg/kg OYYAA2 15,837,78
3F17F19J25 scu-mus LD50:291 mg/kg OYYAA2 15,837,78
* ivn-mus LD50:53 mg/kg NIIRDN 6,19,82
3F17F19J25 orl-rbt LD50:296 mg/kg OYYAA2 15,837,78
3F17F19J25 ivn-rbt LD50:41 mg/kg OYYAA2 15,837,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES5236000 BUTYRANILIDE, 2-(BUTYLAMINO)-3'-CHLORO-
UPDT:8312 MW: 268.82 MOL FM: C14 H21 Cl N2 O
SYN: alpha-n-BUTILAMMINO-3-CLOROBUTIROANILIDE (Italian) * 2-(BUTYLAMINO)-3'-CHLOROBUTYRANILIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:330 mg/kg BCFAAI 121,443,82

ES5237000 BUTYRANILIDE, 2-(BUTYLAMINO)-3'-(TRIFLUOROMETHYL)-
UPDT:8312 MW: 302.38 MOL FM: C15 H21 F3 N2 O
SYN: alpha-n-BUTILAMMINO-3-TRIFLUOROMETIL BUTIRROANILIDE (Italian) * 2-(BUTYLAMINO)-3'-(TRIFLUOROMETHYL)BUTYRANILIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:165 mg/kg BCFAAI 121,443,82

ES5239000 BUTYRANILIDE, 2-(DIETHYLAMINO)-2',4',6'-TRIMETHYL-
UPDT:8309 MW: 276.47 MOL FM: C17 H28 N2 O
SYN: 2-(DIETHYLAMINO)-2',4',6'-TRIMETHYLBUTYRANILIDE * S 391
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:250 mg/kg JPMSAE 50,161,61

ES5241500 BUTYRANILIDE, N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2-ETHYL-
UPDT:8406 CAS: 20682-39-7 MW: 304.53 MOL FM: C19 H32 N2 O
SYN: N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2-ETHYLBUTYRANILIDE * SA 62
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:228 mg/kg APFRAD 40,231,82

ES5242000 BUTYRANILIDE, N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2-PHENYL-
UPDT:8406 CAS: 17307-22-1 MW: 352.57 MOL FM: C23 H32 N2 O
SYN: N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2-PHENYLBUTYRANILIDE * SA 164
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:83 mg/kg APFRAD 40,231,82

BUTYRATE de MYCOINE (French) see: LV2625300
BUTYRATE SODIUM see: ET6400000

ES5425000 BUTYRIC ACID
UPDT:8412 CAS: 107-92-6 MW: 88.12 MOL FM: C4 H8 O2
SYN: BUTANIC ACID * BUTANOIC ACID * BUTTERSAEURE (German) * n-BUTYRIC ACID * BUTYRIC ACID (DOT) * ETHYLACETIC ACID * 1-PROPANECARBOXYLIC ACID * PROPYLFORMIC ACID * UN 2820 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
skn-rbt 500 mg open MOD UCDS** 4-10-68
eye-rbt 250 ug open SEV AMIHBC 10,61,54
MUTATION DATA AND REFERENCES:
dnd-hmn:hla 3 mmol/L CELLB5 12,855,77
dnd-ckn:fbr 2 mmol/L CELLB5 12,855,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2940 mg/kg AMIHBC 4,119,51
orl-mus LDLo:500 mg/kg TPKVAL 4,19,62
ipr-mus LD50:3180 mg/kg JPPMAB 21,85,69
scu-mus LD50:3180 mg/kg JPPMAB 21,85,69
1F12 ivn-mus LD50:800 mg/kg APTOA6 18,141,61
skn-rbt LD50:530 mg/kg UCDS** 4-10-68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,100,60
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL, LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

n-BUTYRIC ACID see: ES5425000

ES5610000 BUTYRIC ACID, 4-ACETAMIDO-
UPDT:8408 CAS: 3025-96-5 MW: 145.18 MOL FM: C6 H11 N O3
SYN: 4-ACETAMIDOBUTYRIC ACID * gamma-ACETYLAMINOBUTYRIC ACID * DF 469
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 scu-rat TDLo:105 mg/kg (21D male) ARANDR 10,239,83
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:425 mg/kg AIPTAK 145,233,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES5615000 BUTYRIC ACID, 2-((2-(3-ACETAMIDO-2,4,6-TRIIODOPHENOXY)ETHOXY)METHYL)-
UPDT:8412 CAS: 37923-78-7 MW: 673.04 MOL FM: C15 H18 I3 N O5
SYN: BUTANOIC ACID, 2-((2-(3-(ACETYLAMINO)-2,4,6-TRIIODOPHENOXY)ETHOXY)METHYL)- * IOPRONIC ACID
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5650 mg/kg FRPPAO 31,397,76
* ivn-rat LD50:1 gm/kg MEIEDD 10,732,83
orl-mus LD50:1950 mg/kg FRPPAO 31,397,76
* ivn-mus LD50:1090 mg/kg 43FLAV 4(3),1153,80
* ivn-dog LD50:835 mg/kg MEIEDD 10,732,83

ES5775000 BUTYRIC ACID, ALLYL ESTER
UPDT:8305 CAS: 2051-78-7 MW: 128.19 MOL FM: C7 H12 O2
SYN: ALLYL BUTANOATE * ALLYL BUTYRATE * VINYL CARBINYL BUTYRATE
IRRITATION DATA AND REFERENCES:
skn-hmn 20 mg/48H MLD FCTXAV 15,613,77
skn-rbt 500 mg/24H MOD FCTXAV 15,613,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg TXAPA9 6,378,64
* skn-rbt LD50:530 mg/kg FCTXAV 15,613,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES5820000 BUTYRIC ACID, 4-(ALLYLNITROSOAMINO)-
UPDT:8402 MW: 172.21 MOL FM: C7 H12 N2 O3
SYN: 4-(ALLYLNITROSOAMINO)BUTRIC ACID * 3-CARBOXYPROPYL(2-PROPENYL)NITROSAMINE
TUMORIGENIC DATA AND REFERENCES:
3V01K61M60 scu-ham TDLo:23100 mg/kg/77W-I CDPRD4 4,79,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES6300000 BUTYRIC ACID, 4-AMINO-
UPDT:8411 CAS: 56-12-2 MW: 103.14 MOL FM: C4 H9 N O2
SYN: 4-AMINOBUTANOIC ACID * gamma-AMINOBUTYRIC ACID * gamma-AMINO-n-BUTYRIC ACID * 4-AMINOBUTYRIC ACID * DF 468 * GABA * GAMAREX * GAMMALON * PIPERIDIC ACID * PIPERIDINIC ACID
TOXICITY DATA AND REFERENCES:
3F01F05J30 ipr-rat LD50:5400 mg/kg AITEAT 13,70,65
ice-rat LDLo:18 mg/kg BCPCA6 14,1901,65
* orl-mus LD50:12680 mg/kg YKKZAJ 85,463,65
3F01F05J30 ipr-mus LD50:4950 mg/kg AITEAT 13,70,65
* scu-mus LD50:9210 mg/kg YKKZAJ 85,463,65
* ivn-mus LD50:2748 mg/kg AIPTAK 145,233,63
* unk-mus LD50:7230 mg/kg BTMNA7 25,297,62
* ivn-rbt LDLo:2400 mg/kg AITEAT 13,70,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AITEAT 13,70,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BUTYRIC ACID, 4-((5-AMINO-2,4-DIIODOPHENYL)AMINO)-4-OXO-(9CI) see: WM4200000

ES6825200 BUTYRIC ACID, 2-AMINO-4-(ETHYLTHIO)-, DL-
UPDT:8412 CAS: 67-21-0 MW: 163.26 MOL FM: C6 H13 N O2 S
SYN: 2-AMINO-4-(ETHYLTHIO)BUTYRIC ACID * CN 8676 * ETH * ETHIONINE * L- * -ETHIONINE * DL-ETHIONINE * ETHIONINE DL * HOMOCYSTEINE, S-ETHYL * DL-HOMOCYSTEINE, S-ETHYL * NSC 751 * U-1434
MUTATION DATA AND REFERENCES:
mma-sat 2 mg/plate PMRSDJ 1,314,81
dns-sat 2 ug PECBDI 50,271,82
mma-esc 1 gm/L PMRSDJ 1,396,81
dnr-esc 500 mg/L PMRSDJ 1,195,81
dnd-esc 15 umol/L MUREAV 89,95,81
mmo-omi 1 gm/L EXPEAM 31,1410,75
mmo-omi 100 mg/L MUREAV 12,349,71
mma-omi 2400 umol/L GENRAB 23,47,74
oms-omi 10 mmol/L CBINAB 16,201,77
mmo-smc 18 mg/L PMRSDJ 1,414,81
dnr-smc 100 mg/L PMRSDJ 1,502,81
mrc-smc 150 mg/L PMRSDJ 1,491,81
sln-smc 25 mg/L PMRSDJ 1,468,81
mma-ssp 240 ug/L PMRSDJ 1,424,81
otr-rat-lvr 7500 umol/L/12W-C ITLSAF 20,291,84
dnd-rat-ipr 1 gm/kg JCLBA3 41,280,69
dns-rat-lvr 1 umol/L CNREAB 42,3010,82
cyt-rat-ipr 1 gm/kg LAINAW 23,253,70
mnt-mus-ipr 4 gm/kg PMRSDJ 1,686,81
dni-mus-orl 2 gm/kg MUREAV 46,305,77
spm-mus-ipr 47500 mg/kg/5D-I PMRSDJ 1,712,81
otr-ham-kdy 25 mg/L PMRSDJ 1,638,81
otr-ham-emb 100 ug/L UCNAW 19,642,77
dnd-ham-lng 10 mmol/L/2H BBRCA9 72,732,76
cyt-gpg-par 1 gm/kg JCLBA3 47,190a,70
dnd-mam-lym 13 umol GANNA2 65,507,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:1170 mg/kg (8-14D preg) JEZOAO 150,135,62
1T02 orl-rat TDLo:8400 mg/kg (28D male) AJPAA4 32,105,56
1T35 ipr-rat TDLo:1 gm/kg (9-12D preg) JEZOAO 150,135,62
1T22 ipr-rat TDLo:2500 mg/kg (10D pre) ARPAAQ 81,569,66
1T23 ipr-rat TDLo:4750 mg/kg (19D male) ARPAAQ 81,569,66
1T02 ipr-rat TDLo:4750 mg/kg (19D male) AJPAA4 49,981,66
3T16T25T71 scu-rat TDLo:765 mg/kg (12-20D preg) NATUAS 210,1271,66
1T81 scu-rat TDLo:765 mg/kg (12-20D preg) NATUAS 210,1271,66
2T25T34 unk-rat TDLo:800 mg/kg (7-9D preg) PSEBAA 105,88,60
1T01 ipr-mus TDLo:47500 mg/kg (5D male) PMPSDJ 1,712,81
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:7200 mg/kg 34W-C CNREAB 42,4364,82
3V03L60T61 ipr-rat TDLo:5625 mg/kg 12W-I CNREAB 42,4364,82
2V01L60 orl-mus TDLo:44 gm/kg 2Y-C PAACA3 25,78,84
2V01L60 orl-rat TD :28800 mg/kg 69W-C CNREAB 42,4364,82
2V03L60 orl-rat TD :24 gm/kg 23W-C CNREAB 28,1703,68
3V03L60L60 orl-rat TD :32 gm/kg 30W-C PAACA3 25,152,84

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

2V01L60 orl-mus TD :57 gm/kg/68W-C PAACA3 25,78,84
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:5000 mg/kg CNREA8 26,619,66
ipr-mus LDLo:1000 mg/kg TXAPA9 23,288,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IJMDAI 10(4),416,74; 32XPAD -,49,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES6825300 BUTYRIC ACID, 2-AMINO-4-(ETHYLTHIO)-, L-
UPDT:8306 CAS: 13073-35-3 MW: 163.26 MOLFM: C6-H13-N-O2-S
SYN: L-2-AMINO-4-(ETHYLTHIO)BUTYRIC ACID * ETHIONINE * L-ETHIONINE * L-HOMOCYSTEINE, S-ETHYL-
MUTATION DATA AND REFERENCES:
dni-hmn:lym 2 mmol/L BBACAQ 520,139,79
otr-ham:emb 5 mg/L CRNGDP 4,291,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

ES7002000 BUTYRIC ACID, 2-AMINO-4-(GUANIDINOOXY)-, L-
UPDT:8402 CAS: 543-38-4 MW: 176.21 MOLFM: C5-H12-N4-O3
SYN: CANAVANIN * CANAVAMINE * L-CANAVANINE * L-HOMOSERINE, O-((AMINOIMINOMETHYL)AMINO)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-omi 10 mg/L MUREAV 12,349,71
dnd-hmn:hla 200 umol/L ECREAL 107,191,77
dni-ham:oth 2200 umol/L JCLLAX 75,129,70
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:200 mg/kg 85GDA2 8(1),100,82

ES7014990 BUTYRIC ACID, 4-AMINO-2-HYDROXY-
UPDT:8305 MW: 119.14 MOLFM: C4-H9-N-O3
SYN: 4-AMINO-2-HYDROXYBUTYRIC ACID * alpha-HYDROXY-gamma-AMINOBUTYRIC ACID * alpha-OXY-GABA
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:11500 mg/kg BTMNA7 25,297,62

ES7015000 BUTYRIC ACID, 4-AMINO-3-HYDROXY-
UPDT:8403 MW: 119.12 MOLFM: C4-H9-N-O3
SYN: gamma-AMINO-beta-HYDROXYBUTYRIC ACID * 4-AMINO-3-HYDROXYBUTYRIC ACID * BUKSAMIN * GABOB * GABOMADE * GAMIBETAL * beta-HYDROXY-alpha-AMINOBUTYRIC ACID * beta-OXY-GABA
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:7000 mg/kg NIIRDN 6,195,82
* ipr-mus LD50:7000 mg/kg NIIRDN 6,195,82
* scu-mus LD50:7000 mg/kg NIIRDN 6,195,82
* ivn-mus LD50:7000 mg/kg NIIRDN 6,195,82
* unk-mus LD50:7080 mg/kg BTMNA7 25,297,62

ES7017010 BUTYRIC ACID, 4-AMINO-2-MERCAPTO-
UPDT:8305 MW: 135.20 MOLFM: C4-H9-N-O2-S
SYN: 4-AMINO-2-MERCAPTOBUTYRIC ACID * alpha-MERCAPTO-gamma-AMINOBUTYRIC ACID * alpha-SH-GABA
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:2780 mg/kg BTMNA7 25,297,62

ES7030000 BUTYRIC ACID, 2-AMINO-4-(12-METHYL-7-BENZ(a)ANTHRYLMETHYL)THIO-
UPDT:8401 CAS: 66964-37-2 MW: 389.54 MOLFM: C24-H23-N-O2-S
SYN: S-(12-METHYL-7-BENZ(a)ANTHRYLMETHYL)HOMOCYSTEINE
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ivn-mus TDLo:5800 mg/kg JMCMAR 19,1422,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES7065000 BUTYRIC ACID, 4-AMINO-, METHYL ESTER, HYDROCHLORIDE
UPDT:8403 MW: 153.63 MOLFM: C5-H11-N-O2 Cl-H
SYN: 4-AMINOBUTYRIC ACID METHYL ESTER HYDROCHLORIDE * GME
TOXICITY DATA AND REFERENCES:
2F02F07 ipr-rat LD50:950 mg/kg BCPCA6 32,1093,83
2F02F07 ipr-mus LD50:1300 mg/kg BCPCA6 32,1093,83

ES7100000 BUTYRIC ACID, 2-AMINO-4-(METHYLSELENYL)-
UPDT:8308 CAS: 1464-42-2 MW: 196.13 MOLFM: C5-H11-N-O2-Se
SYN: 2-AMINO-4-(METHYLSELENYL)BUTYRIC ACID * METHIONINE, SELENO * SELENOMETHIONINE
MUTATION DATA AND REFERENCES:
dns-rat/lvr 100 umol/L CALEDQ 10,75,80
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:4250 ug/kg PSDAA2 28,117,49
3C08G30J30 ivn-mus LD50:22 mg/kg NRTXDN 2,383,81
3C08F17J22 icv-mus LD50:13 mg/kg NRTXDN 2,383,81
ivn-pig LDLo:7430 ug/kg AJVRAH 34,1227,73
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

ES7110000 BUTYRIC ACID, 2-AMINO-4-(METHYLSELENYL)-, DL-
UPDT:8408 CAS: 2578-28-1 MW: 196.13 MOLFM: C5-H11-N-O2-Se
SYN: SELENO-DL-METHIONINE * dl-SELENOMETHIONINE
TOXICITY DATA AND REFERENCES:
1D35 scu-rat LDLo:19600 ug/kg ARTODN 45,207,80
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
BUTYRIC ACID, 2-AMINO-4-(METHYLTHIO)- see: PD0457000

ES7174970 BUTYRIC ACID, 2-(p-AMINOPHENYL)-
UPDT:8203 CAS: 29644-97-1 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: 2-(p-AMINOPHENYL)BUTYRIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1180 mg/kg FRPSAX 13,286,58
* unk-mus LD50:955 mg/kg FRPSAX 16,23,61

ES7175000 BUTYRIC ACID, 4-AMINO-3-PHENYL-
UPDT:8406 CAS: 1078-21-3 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: beta-(AMINOMETHYL)BENZENEPROPANOIC ACID * beta-(AMINOMETHYL)HYDROCINNAMIC ACID * 4-AMINO-3-PHENYLBUTANOIC ACID * 4-AMINO-3-PHENYLBUTYRIC ACID * FENIBUT * FENIGAM * FENIGAMA * PGABA * PHENIBUT * PHENIGAM * PHENIGAMA * beta-PHENYL-gamma-AMINOBUTYRATE * beta-PHENYL-gamma-AMINOBUTYRIC ACID * PHENYLGAM * PHENYLGAMMA * PhGABA
TOXICITY DATA AND REFERENCES:
3F04F07F08 orl-hmn TDLo:5 mg/kg BEXBAN 57,52,64
ipr-rat LD50:700 mg/kg BEXBAN 57,52,64
ipr-mus LD50:900 mg/kg BEXBAN 57,52,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTYRIC ACID, 4-AMINO-3-PHENYL-, ETHYL ESTER see: MW5084500

ES7183000 BUTYRIC ACID, 2-AMINO-4-PHENYL-, HEXYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 299.88 MOLFM: C16-H25-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg PHARAT 38,310,83

ES7184000 BUTYRIC ACID, 4-AMINO-4-PHENYL-, HEXYL ESTER, HYDROCHLORIDE, DL-
UPDT:8412 MW: 299.88 MOLFM: C16-H25-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:91 mg/kg PHARAT 38,310,83

ES7185000 BUTYRIC ACID, 4-AMINO-3-PHENYL-, HYDROBROMIDE
UPDT:8405 MW: 260.16 MOLFM: C10-H13-N-O2 Br-H
SYN: 4-AMINO-3-PHENYLBUTYRIC ACID HYDROBROMIDE * beta-(AMINOMETHYL)HYDROCINNAMIC ACID HYDROBROMIDE * 4-AMINO-3-PHENYLBUTANOIC ACID HYDROBROMIDE * beta-PHENYL-gamma-AMINOBUTYRIC ACID HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg MEIEDD 10,69,83
BUTYRIC ACID, 4-AMINO-3-PHENYL-, METHYL ESTER see: MW5087000

ES7191500 BUTYRIC ACID, 2-AMINO-4-PHENYL-, OCTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 327.94 MOLFM: C18-H29-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg PHARAT 38,310,83

ES7191600 BUTYRIC ACID, 4-AMINO-4-PHENYL-, OCTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8412 MW: 327.94 MOLFM: C18-H29-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:71 mg/kg PHARAT 38,310,83
BUTYRIC ACID ANHYDRIDE see: ET7090000
n-BUTYRIC ACID ANHYDRIDE see: ET7090000

ES7345000 BUTYRIC ACID, 4-BENZAMIDO-
UPDT:8402 CAS: 3340-63-7 MW: 207.25 MOLFM: C11-H13-N-O3
SYN: 4-BENZAMIDOBUTYRIC ACID * gamma-BENZOYLAMINOBUTYRIC ACID * DP 470 * 4-(BENZOYLAMINO)-BUTANOIC ACID * 4-BENZOYLAMINOBUTYRIC ACID * BUTANOIC ACID, 4-(BENZOYLAMINO)- (9CI)
TOXICITY DATA AND REFERENCES:
1F11 ivn-rat LD50:500 mg/kg AIPTAK 145,233,63
1F11 ivn-mus LD50:1741 mg/kg AGSOA6 22,219,81
BUTYRIC ACID, 2-BENZAMIDO-3-MERCAPTO-3-METHYLTHIO- see: YV9392000

ES7350000 BUTYRIC ACID, BENZYL ESTER
UPDT:8305 CAS: 103-37-7 MW: 178.23 MOLFM: C11-H14-O2
SYN: BENZYL n-BUTANOATE * BENZYL BUTYRATE * BENZYL n-BUTYRATE
TOXICITY DATA AND REFERENCES:
2F07F11 orl-rat LD50:2330 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BUTYRIC ACID 4-(4-BIPHENYL)-4-OXO- see: DV1761000

ES7400000 BUTYRIC ACID, 2-(4-BIPHENYLYL)-
UPDT:8403 CAS: 939-10-4 MW: 240.32 MOLFM: C16-H16-O2
SYN: (1',1'-BIPHENYL)-4-BUTANOIC ACID * 2-(4-BIPHENYL)BUTYRIC ACID * alpha-(4-BIPHENYLYL)BUTYRIC ACID * 2-(4-BIPHENYLYL)BUTYRIC ACID * 4-BIPHENYLYLETHYLACETIC ACID * alpha-(4-DIPHENYLYL)BUTYRIC ACID * 4-DIPHENYLYLETHYLACETIC ACID * alpha-ETHYL-(1,1'-BIPHENYL)-4-ACETIC ACID * alpha-ETHYL-p-PHENYL-alpha-TOLUIC ACID * alpha-ETHYL-p-PHENYL-alpha-TOLUIC ACID * ETHYL-p-XENYLACETIC ACID * alpha-ETHYL-4-BIPHENYLACETIC ACID * LIOSOL * LIPOSANA * M.G. 1559 * MAGGIONI 1559 * XENBUCIN * alpha-(p-XENYL)BUTYRIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:348 mg/kg BSESA3 9,1300,76
* unk-mus LD50:348 mg/kg FRPSAX 16,23,61

ES7499900 BUTYRIC ACID, 3-(4-BIPHENYLYL)-3-HYDROXY-4-PHENYL-, (-)-
UPDT:8303 MW: 332.42 MOLFM: C22-H20-O3
SYN: (-)-3-(4-BIPHENYLYL)-3-HYDROXY-4-PHENYLBUTYRIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:130 mg/kg BCFAAI 118,88,79

ES7510000 BUTYRIC ACID, 3,3-BiS(tert-BUTYLPEROXY)-, ETHYL ESTER,
UPDT:8308 MW: 292.42 MOLFM: C14-H28-O6
SYN: ETHYL-3,3-DI-(tert-BUTYLPEROXY)BUTYRATE (DOT) * UN 2194 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

ES7511000 BUTYRIC ACID, 3,3-BIS(tert-BUTYLPEROXY)-, ETHYL ESTER, with at least 50% inert, inorganic solid
UPDT:8312 MW: 292.42 MOLFM: C14-H28-O6
SYN: ETHYL-3,3-DI-(tert-BUTYLPEROXY)BUTYRATE (DOT) * UN 2598 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

ES7512000 BUTYRIC ACID, 3,3-BIS(tert-BUTYLPEROXY)-, ETHYL ESTER, not more than 77% in solution
UPDT:8308 MW: 292.42 MOLFM: C14-H28-O6
SYN: ETHYL-3,3-DI-(tert-BUTYLPEROXY)BUTYRATE (DOT) * UN 2185 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

ES7525000 BUTYRIC ACID, 4-(p-BIS(2-CHLOROETHYL)AMINOPHENYL)-
UPDT:8412 CAS: 305-03-3 MW: 304.24 MOLFM: C14-H19-Cl2-N-O2
SYN: AMBOCHLORIN * BENZENEBUTANOIC ACID, 4-(BIS(2-CHLOROETHYL)AMINO)- * 4-(BIS(2-CHLOROETHYL)AMINO)BENZENEBUTANOIC ACID * gamma-(p-BIS(2-CHLOROETHYL)AMINOPHENYL)BUTYRIC ACID * 4-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)BUTYRIC ACID * 4(p-BIS(beta-CHLOROETHYL)AMINOPHENYL)BUTYRIC ACID * BUTANOIC ACID, 4-(BIS(2-CHLOROETHYL)AMINO)BENZENE- * CB 1348 * CHLORAMBUCIL * CHLORAMINOPHEN * CHLORAMINOPHENE * CHLOROBUTIN * CHLOROBUTINE * N,N-Di-2-CHLOROETHYL-gamma-p-AMINOPHENYLBUTYRIC ACID * p-(N,N-DI-2-CHLOROETHYL)AMINOPHENYL BUTYRIC ACID * p-N,N-DI-(beta-CHLOROETHYL)AMINOPHENYL BUTYRIC ACID * gamma-(p-DI(2-CHLOROETHYL)AMINOPHENYL)BUTYRIC ACID * ELCORIL * LEUKERAN * LEUKERSAN * LINFOLYSIN * NCI-C03485 * NSC-3088 * PHENYLBUTYRIC ACID NITROGEN MUSTARD * RCRA WASTE NUMBER U035
MUTATION DATA AND REFERENCES:
mma-sat 500 ug/plate BJCAAI 37,873,78
dnd-esc 20 umol/L MUREAV 89,95,81
pic-esc 200 mg/L ARMKA7 51,9,65
pic-omi 5 mmol/L MUREAV 1,355,64
sln-dmg-par 2 mmol/L GENRA8 1,173,60
sln-dmg-unk 10 mmol/L ANYAA9 160,228,69
mmo-smc 2 mmol/L GENTAE 92,83,79
mrc-smc 1000 ppm MUREAV 11,327,71
dnd-smc 1 mmol/L MUREAV 58,241,78
dns-hmn:lym 1 umol/L JTEMD6 6,1059,80
dni-hmn:hla 10 mg/L CNREA8 40,967,80
cyt-hmn-unk 3 mg/kg/8W-I MUHEAS 29,100,79
cyt-hmn:lym 250 ug/L MUREAV 26,205,74
sce-hmn-unk 8800 ug/kg/44D EJCODS 18,979,82
sce-hmn:lym 25 mg/L/2H MUREAV 67,259,79
dnd-rat-ipr 12 mg/kg EXPEAM 34,1215,78
oms-rat-ipr 12 mg/kg EXPEAM 34,1215,78
dns-rat-orl 6500 ug/kg MUREAV 68,275,79
dns-rat-oth 3300 nmol/L EJCAAH 11,9,75
dnd-mus:ast 20 umol/L MUREAV 89,95,81

BEST COPY AVAILABLE

dni-mus-skn 1 pph — BJDEAZ 94,1,76
dni-mus-ivg 5000 ppm — JIDEAE 62,378,74
dni-mus:emb 15 mg/L — JEEMAF 36,273,76
otr-ham:kdy 80 ug/L — BJCAAI 37,873,78
sce-ham:ovr 5 mg/L — CNREA8 43,577,83
msc-ham:ovr 20 mg/L — CNREA8 43,577,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14 orl-wmn TDLo:13 mg/kg (56D pre) — JAMAAP 191,444,65
1T53 orl-wmn TDLo:5160 ug/kg (33-75D preg) — JAMAAP 186,74,63
1T01 unk-man TDLo:143 ug/kg (6D male) — CANCAR 25,1026,70
1T01 unk-man TDLo:1 mg/kg (55W male) — JAMAAP 217,1662,71
1T01 unk-man TDLo:5857 ug/kg (30W male) — JRPFA4 33,155,73
2T41T42 orl-rat TDLo:8 mg/kg (15D preg) — 40YJAX -,107,76
1T46 orl-rat TDLo:6 mg/kg (11D preg) — 40YJAX -,107,76
1T25 orl-rat TDLo:8 mg/kg (11D preg) — 40YJAX -,107,76
1T35 orl-rat TDLo:10 mg/kg (15D preg) — 40YJAX -,107,76
1T35 ipr-rat TDLo:12 mg/kg (13D preg) — CTRRDO 60,477,76
2T41T43 ipr-rat TDLo:6 mg/kg (13D preg) — PSEBAA 139,62,72
2T43T46 ipr-rat TDLo:4 mg/kg (13D preg) — CTRRDO 60,477,76
1T53 ipr-rat TDLo:6 mg/kg (10D preg) — ANREAK 139,145,61
2T31T34 ipr-rat TDLo:6 mg/kg (12D preg) — EXPEAM 27,1329,71
1T33 ipr-rat TDLo:3 mg/kg (3D preg) — TJADAB 29(3),24A,84
1T33 par-rat TDLo:8 mg/kg (13D preg) — JEEMAF 18,215,67
3T25T41T46 orl-mus TDLo:14200 ug/kg (11D preg) — TJADAB 12,71,75
2T33T41 orl-mus TDLo:3 mg/kg (7D preg) — TJADAB 30(1),8A,84
1T01 ipr-mus TDLo:4 mg/kg (1D male) — CNREA8 42,122,82
2T43T46 ipr-mus TDLo:7 mg/kg (11D preg) — TJADAB 28,29,83
3T34T47T53 scu-mus TDLo:5 mg/kg (10D preg) — RFGOAO 70,419,75
1T59 ipr-ham TDLo:13500 ug/kg (8D preg) — TJADAB 29(2),30A,84

TUMORIGENIC DATA AND REFERENCES:

2V01P61 orl-wmn TDLo:101 mg/kg/82W-C — GYNOA3 6,115,78
2V01P61 unk-wmn TDLo:161 mg/kg/3Y-I — SJHAAQ 13,179,74
3V01P61P62 ipr-rat TDLo:120 mg/kg/26W-I — RRCRBU 52,1,75
3V02J60R60 skn-mus TDLo:108 mg/kg/9W-I — BJCAAI 10,363,56
2V01J60 ipr-mus TDLo:18 mg/kg/4W — JNCIAM 36,915,66
3V01P61P62 ipr-rat TD :170 mg/kg/26W-I — RRCRBU 52,1,75
2V01P61 orl-man TD :59 mg/kg/96W-C — NPMDAD 10,1717,81
2V01P61 orl-wmn TD :200 mg/kg/6Y-C — ACHAAH 63,283,80
2V01P61 orl-wmn TD :307 mg/kg/7Y-C — AIMDAP 134,728,74
2V01P61 orl-hmn TD :141 mg/kg/5Y-I — NEJMAG 304,441,81
2V01P61 orl-wmn TD :180 mg/kg/3Y-I — AIMDAP 137,355,77
2V01P61 orl-wmn TD :135 mg/kg/4Y-C — AIMDAP 137,355,77
2V01P61 orl-hmn TD :84 mg/kg/3Y-C — ACCBAT 38,228,83
2V01P61 orl-wmn TD :70 mg/kg/94W-C — ACCBAT 38,228,83

TOXICITY DATA AND REFERENCES:

3J13J21J22 orl-wmn TDLo:82600 ug/kg — CANCAR 41,455,78
ipr-rat LD50:14 mg/kg — BCPCA6 13,969,64
scu-rat LDLo:32 mg/kg — EJCAAH 13,873,77
* ipr-mus LD50:34 mg/kg — CNREA8 42,122,82
scu-rat LDLo:128 mg/kg — EJCAAH 13,873,77
ivn-dog LDLo:3 mg/kg — CCSUBJ 2,201,65
ivn-mky LDLo:3 mg/kg — CCSUBJ 2,201,65

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JAMAAP 172,1765,60; MIMDAI 57(1),19,74; 32XPAD -,49,75; ANPIAM 5,447,65; ADVPA3 4,263,66
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 9,125,75
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 26,115,81
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED — IARC** 26,115,81
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE — IARC** 9,125,75

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (RRCRBU 52,1,75)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUTYRIC ACID, alpha-BROMO- see: ES7875000

ES7875000 BUTYRIC ACID, 2-BROMO-

UPDT:8403 CAS: 80-58-0 MW: 167.02 MOLFM: C4-H7-Br-O2
SYN: 2-BROMOBUTANOIC ACID * alpha-BROMOBUTYRIC ACID * dl-2-BROMOBUTYRIC ACID * 2-BROMOBUTYRIC ACID * BUTYRIC ACID, alpha-BROMO-

TOXICITY DATA AND REFERENCES:

orl-mus LD50:310 mg/kg — JPETAB 86,336,46

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ES8050000 BUTYRIC ACID, 2-BROMO-2,3,3,4,4,4-HEXAFLUORO-, METHYL ESTER

UPDT:8405 CAS: 63867-09-4 MW: 288.99 MOLFM: C5-H3-Br-F6-O2
SYN: METHYL HEXAFLUORO-2-BROMOBUTYRATE

TOXICITY DATA AND REFERENCES:

orl-mus LD50:980 mg/kg — TXAPA9 12,486,68
3F11J25U26 ipr-mus LD50:33 mg/kg — TXAPA9 14,114,69
3F11J25U26 orl-mus LD50:980 mg/kg — TXAPA9 14,114,69

ES8060000 BUTYRIC ACID, 2-(p-BROMOPHENYL)-

UPDT:8303 MW: 243.12 MOLFM: C10-H11-Br-O2
SYN: 2-(p-BROMOPHENYL)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:470 mg/kg — FRPSAX 13,286,58

ES8120000 BUTYRIC ACID, BUTYL ESTER

UPDT:8305 CAS: 109-21-7 MW: 144.24 MOLFM: C8-H16-O2
SYN: n-BUTYL n-BUTANOATE * BUTYL BUTYRATE * n-BUTYL BUTYRATE * n-BUTYL n-BUTYRATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD — FCTXAV 17,521,79

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:2300 mg/kg — FCTXAV 17,521,79
* ipr-mus LD50:8900 mg/kg — FCTXAV 17,521,79
orl-rbt LD50:9520 mg/kg — IMSUAI 41,31,72

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ES8123000 BUTYRIC ACID, ester with BUTYL LACTATE

UPDT:8305 CAS: 7492-70-8 MW: 216.31 MOLFM: C11-H20-O4
SYN: BUTANOIC ACID, 2 BUTOXY-1-METHYL-2-OXOETHYL ESTER (9CI) * BUTYL BUTYROLACTATE * BUTYL BUTYRYL LACTATE * LACTIC ACID, BUTYL ESTER, BUTYRATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H — FCTXAV 17,247,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ES8125000 BUTYRIC ACID, 4-(N-BUTYL-N-NITROSAMINO)-

UPDT:8405 CAS: 38252-74-3 MW: 188.26 MOLFM: C8-H16-N2-O3
SYN: BCPN * N-BUTYL-(3-CARBOXYPROPYL)NITROSAMINE * 4-(BUTYLNITROSOAMINO)BUTANOIC ACID * N-NITROSO-N-BUTYL-N-(3-CARBOXYPROPYL)AMINE

MUTATION DATA AND REFERENCES:

mmo-sat 10 umol/plate — CNREA8 37,399,77
mmo-esc 500 nmol/plate — CNREA8 40,162,80
dnr-bcs 1 umol — CNREA8 40,162,80
dnd-rat-par 50 mg/kg — CBINA8 29,291,80

TUMORIGENIC DATA AND REFERENCES:

2V01M60 orl-rat TDLo:3760 mg/kg/12W-C — CRNGDP 4,617,83
2V03M60 orl-mus TDLo:7 gm/kg/20W-C — GANNA2 67,175,76
2V03M60 orl-rat TD :4700 mg/kg/14W-C — GANNA2 63,637,72
2V03M60 orl-rat TD :4375 mg/kg/20W-C — GANNA2 67,175,76

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 17,51,78

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES8134000 BUTYRIC ACID, 2-(3-BUTYRAMIDODIIODOPHENOXY)-

UPDT:8405 MW: 517.12 MOLFM: C14-H17-I2-N-O4
SYN: 2-(3-BUTYRAMIDODIIODOPHENOXY)BUTYRIC ACID * alpha-(DIJOD-m-(n)-BUTYRYLAMINO-PHENOXY)-BUTTERSAEURE (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:3300 mg/kg — PHARAT 16,389,61

ES8137200 BUTYRIC ACID, 4-(CARBOXYAMINO)-, N-BENZYL ESTER

UPDT:8305 CAS: 5105-78-2 MW: 237.28 MOLFM: C12-H15-N-O4
SYN: BUTANOIC ACID, 4-(((PHENYLMETHOXY)CARBONYL)AMINO)- (9CI) * CARBOBENZOXY-4-AMINOBUTYRIC ACID * N-CARBOBENZOXY-gamma-AMINOBUTYRIC ACID * N-CBZ-GABA * 4-(CARBOXYAMINO)BUTYRIC ACID N-BENZYL ESTER * 4-(((PHENYLMETHOXY)CARBONYL)AMINO)BUTANOIC ACID

TOXICITY DATA AND REFERENCES:

* unk-mus LD50:1520 mg/kg — BTMNA7 25,297,62

ES8137500 BUTYRIC ACID, 3-CHLORO-

UPDT:8401 CAS: 1951-12-8 MW: 122.56 MOLFM: C4-H7-Cl-O2
SYN: BUTANOIC ACID, 3-CHLORO- * 3-CHLOROBUTANOIC ACID * beta-CHLOROBUTYRIC ACID * 3-CHLOROBUTYRIC ACID

TUMORIGENIC DATA AND REFERENCES:

2V03J60 ipr-mus TDLo:1180 mg/kg/8W-I — CNREA8 39,391,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES8138000 BUTYRIC ACID, 4-(p-CHLORO-N-(2,4-DIMETHOXYPHENYL)BENZAMIDO)-

UPDT:8408 CAS: 30544-68-4 MW: 377.85 MOLFM: C19-H20-Cl-N-O5
SYN: B 67350 * N-(p-CHLORBENZOYL)-gamma-(2,4-DIMETHOXYANILINO)-BUTTERSAEURE (German) * 4-(p-CHLORO-N-(2,4-DIMETHOXYPHENYL)BENZAMIDO)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:710 mg/kg — GWXXBX #1917036
* orl-mus LD50:1265 mg/kg — GWXXBX #1917036

ES8138200 BUTYRIC ACID, 4-(p-CHLORO-N-(3,4-DIMETHOXYPHENYL)BENZAMIDO)-

UPDT:8408 CAS: 30544-69-5 MW: 377.85 MOLFM: C19-H20-Cl-N-O5
SYN: B 67353 * N-(p-CHLORBENZOYL)-gamma-(3,4-DIMETHOXYANILINO)-BUTTERSAEURE (German) * 4-(p-CHLORO-N-(3,4-DIMETHOXYPHENYL)BENZAMIDO)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:1 gm/kg — GWXXBX #1917036
* ipr-mus LD50:1004 mg/kg — GWXXBX #1917036

ES8138400 BUTYRIC ACID, 4-(p-CHLORO-N-(p-ETHOXYPHENYL)BENZAMIDO)-

UPDT:8408 CAS: 30544-65-1 MW: 361.85 MOLFM: C19-H20-Cl-N-O4
SYN: B 67348 * N-(p-CHLORBENZOYL)-gamma-(p-PHENETIDINO)-BUTTERSAEURE (German) * 4-(p-CHLORO-N-(p-ETHOXYPHENYL)BENZAMIDO)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:510 mg/kg — GWXXBX #1917036
* orl-mus LD50:2200 mg/kg — GWXXBX #1917036

ES8350000 BUTYRIC ACID, 2-CHLORO-3-HYDROXY-3-PHOSPHONO-, TRIMETHYL ESTER

UPDT:8309 CAS: 2096-66-4 MW: 260.63 MOLFM: C7-H14-Cl-O6-P
SYN: BUTANOIC ACID, 2-CHLORO-3-HYDROXY-3-(DIMETHOXYPHOSPHINYL)-, METHYL ESTER * ENT 25,693 * METHYL 2-CHLORO-3-HYDROXY-3-(DIMETHOXYPHOSPHINYL)BUTANOATE * SD 6093 * SHELL SD-6093

TOXICITY DATA AND REFERENCES:

orl-mus LD50:155 mg/kg — ARSIM* 20,19,66

ES8351000 BUTYRIC ACID, 4-(4-CHLORO-2-(o-METHOXYCINNAMOYL)PHENOXY)-

UPDT:8411 CAS: 31574-38-6 MW: 374.84 MOLFM: C20-H19-Cl-O5

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2500 mg/kg — CHTPBA 5,431,70
* ivn-mus LD50:150 mg/kg — CHTPBA 5,431,70

ES8352000 BUTYRIC ACID, 4-(p-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDO)-

UPDT:8408 CAS: 30544-61-7 MW: 347.82 MOLFM: C18-H18-Cl-N-O4
SYN: B 6518 * BUTANOIC ACID, 4-((4-CHLOROBENZOYL)(4-METHOXYPHENYL)AMINO)- (9CI) * EXKAHEPAR * N-(p-CHLORBENZOYL)-gamma-(p-ANISIDINO)-BUTTERSAEURE (German) * N-(p-CHLOROBENZOYL)-gamma-(p-ANISIDINO)BUTYRIC ACID * 4-((4-CHLOROBENZOYL)(4-METHOXYPHENYL)AMINO)BUTANOIC ACID * 4-(p-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDO)BUTYRIC ACID * CLANOBUTIN * CLANOBUTINE

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:570 mg/kg — GWXXBX #1917036

ES8357000 BUTYRIC ACID, 4-(o-(4-CHLORO-N-METHYLBENZAMIDO)PHENYL)-

UPDT:8305 MW: 331.82 MOLFM: C18-H18-Cl-N-O3
SYN: 4-(o-(CHLORO-N-METHYLBENZAMIDO)PHENYL)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1294 mg/kg — JPMSAE 71,796,82

BUTYRIC ACID, 4-(4-CHLORO-2-METHYLPHENOXY)-, SODIUM SALT see: ES8750000

ES8390000 BUTYRIC ACID, 2-(p-CHLOROPHENYL)-

UPDT:8303 CAS: 29645-00-9 MW: 198.66 MOLFM: C10-H11-Cl-O2
SYN: 2-(p-CHLOROPHENYL)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1090 mg/kg — FRPSAX 13,286,58
* unk-mus LD50:315 mg/kg — FRPSAX 16,23,61

ES8395000 BUTYRIC ACID, 4-(N-(m-CHLOROPHENYL)ACETAMIDO)-

UPDT:8408 CAS: 30544-59-3 MW: 255.72 MOLFM: C12-H14-Cl-N-O3
SYN: N-ACETYL-gamma-(m-CHLORANILINO)-BUTTERSAEURE (German) * B 67344 * 4-(N-(m-CHLOROPHENYL)ACETAMIDO)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1220 mg/kg — GWXXBX #1917036

ES8450000 BUTYRIC ACID, 2-(p-CHLOROPHENYL)-3-METHYL-

UPDT:8303 MW: 212.69 MOLFM: C11-H13-Cl-O2
SYN: 2-(p-CHLOROPHENYL)-3-METHYLBUTYRIC ACID

TOXICITY DATA AND REFERENCES:

* unk-mus LD50:339 mg/kg — FRPSAX 16,23,61

ES8575000 BUTYRIC ACID, 4-((4-CHLORO-o-TOLYL)OXY)-

UPDT:8309 CAS: 94-81-5 MW: 228.69 MOLFM: C11-H13-Cl-O3
SYN: BEXANE * BEXONE * BUTANOIC ACID, 4-(4-CHLORO-2-METHYLPHENOXY)- * CAN-TROL * 4-(4-CHLOR-2-METHYLPHENOXY)-BUTTERSAEURE (German) * 4-(4-CHLOR-2-METHYLPHENOXY)BUTYRIC ACID * 4-(4-CHLORO-2-METHYLPHENOXY)BUTYRIC ACID * (4-CHLORO-o-TOLYLOXY)BUTYRIC ACID * 4-(4-CHLORO-o-TOLYL)OXY)BUTYRIC ACID * LEGUMEX * 4-(MCB) * MCPB * gamma-MCPB * 2-4-MCPB * 4MCPB * MCP BUTYRIC * 2-METHYL-4-CHLOROPHENOXYBUTYRIC ACID * gamma-2-METHYL-4-CHLOROPHENOXYBUTYRIC ACID * 4-(2-METHYL-4-CHLOROPHENOXY)BUTYRIC ACID * 2M-4KHM * PDQ * THISTROL * TRIFOLEX * TRITROL * TROPOTOX * TROTOX * U46 MCPB

MUTATION DATA AND REFERENCES:

sln-dmg-orl 4400 umol/L — EXPEAM 30,621,74
mrc-smc 13500 umol/L — IARCCD 10,161,74

TOXICITY DATA AND REFERENCES:

orl-rat LD50:680 mg/kg — WRPCA2 4,36,65

BEST COPY AVAILABLE

*	orl-mus LD50:800 mg/kg	FMCHA2 -,C43,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

ES8600000 BUTYRIC ACID, 4-((4-CHLORO-o-TOLYL)OXY)-, ETHYL ESTER
UPDT:8309 MW: 256.75 MOLFM: C13-H17-Cl-O3
SYN: ETHYL 4-(4-CHLORO-2-METHYLPHENOXY)BUTYLATE * ETHYL 4-(4-CHLORO-2-METHYLPHENOXY)BUTYRATE * MCPB ETHYL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1570 mg/kg	FMCHA2 -,C147,83
*	skn-rat LD50:4000 mg/kg	FMCHA2 -,C147,83

ES8750000 BUTYRIC ACID, 4-((4-CHLORO-o-TOLYL)OXY)-, SODIUM SALT
UPDT:8308 CAS: 6062-26-6 MW: 250.67 MOLFM: C11-H12-Cl-O3-Na
SYN: BUTANOIC ACID, 4-(4-CHLORO-2-METHYLPHENOXY)-, SODIUM SALT * BUTYRIC ACID, 4-(4-CHLORO-2-METHYLPHENOXY)-, SODIUM SALT * CANTROL * 4-(4-CHLOR-2-METHYL-PHENOXY)-BUTTERSAEURE NATRIUMSALZ (German) * CHLOROMETHYLPHENOXYBUTYRIC ACID SODIUM SALT * 4-(4-CHLORO-2-METHYLPHENOXY)BUTYRIC ACID SODIUM SALT * (4-CHLORO-o-TOLYLOXY)BUTYRIC ACID SODIUM SALT * M&B 3046 * MCPB * 4-(MCPD) * 4-(2-METHYL-4-CHLOROPHENOXY)BUTYRIC ACID, SODIUM SALT * THISTROL * TROPOTOX

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:700 mg/kg	PCOC** -,715,66
	skn-rat LD50:1000 mg/kg	WRPCA2 9,119,70
	orl-mus LD50:700 mg/kg	GUCHAZ 6,108,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73
BUTYRIC ACID, 4-CHLORO-, TRIBUTYLSTANNYL ESTER see: WH6797000

ES8810000 BUTYRIC ACID, 4-(o-CHLORO-N-2,6-XYLYLBENZAMIDO)-
UPDT:8408 CAS: 30544-71-9 MW: 345.85 MOLFM: C19-H20-Cl-N-O3
SYN: B 67358 * N-(o-CHLORBENZOYL)-gamma-(2,6-DIMETHYLANILINO)-BUTTERSAEURE (German) * 4-(o-CHLORO-N-2,6-XYLYLBENZAMIDO)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:2760 mg/kg	USXXAM #3780095
*	ipr-mus LD50:60 mg/kg	USXXAM #3780095

ES8812000 BUTYRIC ACID, 4-(p-CHLORO-N-2,6-XYLYLBENZAMIDO)-
UPDT:8408 CAS: 30544-72-0 MW: 345.85 MOLFM: C19-H20-Cl-N-O3
SYN: B 66347 * B 67347 * N-(p-CHLORBENZOYL)-gamma-(2,6-DIMETHYLANILINO)-BUTTERSAEURE (German) * 4-(p-CHLORO-N-2,6-XYLYLBENZAMIDO)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1900 mg/kg	GWXXBX #1917036
*	ivn-rat LD50:300 mg/kg	GWXXBX #1917036
*	orl-mus LD50:710 mg/kg	GWXXBX #1917036
*	ipr-mus LD50:305 mg/kg	GWXXBX #1917036

ES8815000 BUTYRIC ACID, CINNAMYL ESTER
UPDT:8305 CAS: 103-61-7 MW: 204.29 MOLFM: C13-H16-O2
SYN: BUTYNOIC ACID, 3-PHENYL-2-PROPENYL ESTER * CINNAMYL BUTYRATE * PHENYLPROPENYL n-BUTYRATE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H	FCTXAV 16,691,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ES8900000 BUTYRIC ACID, 2,2'-CYCLOHEXANE-1,1-DIYLBIS(p-PHENYLENEOXY)BIS-(2-METHYL-
UPDT:8403 CAS: 30299-08-2 MW: 468.64 MOLFM: C28-H36-O6
SYN: CLINOFIBRATE * 2,2'-CYCLOHEXANE-1,1-DIYLBIS(p-PHENYLENEOXY)BIS(2-METHYLBUTYRIC ACID) * 2,2'-(CYCLOHEXYLIDENEBIS(4,1-PHENYLENEOXY))BIS(2-METHYLBUTANOIC ACID) * 2,2'-(4,4'-CYCLOHEXYLIDENEDIPHENOXY)-2,2'-DIMETHYLDIBUTYRIC ACID * LIPOCLIN * S 8527

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:205 mg/kg	IYKEDH 12,933,81
*	scu-rat LD50:1930 mg/kg	NIIRDN 6,219,82
*	orl-mus LD50:1600 mg/kg	NIIRDN 6,219,82
*	ipr-mus LD50:255 mg/kg	NIIRDN 6,219,82
*	scu-mus LD50:350 mg/kg	NIIRDN 6,219,82
*	ivn-mus LD50:150 mg/kg	IYKEDH 12,933,81

ES8930000 BUTYRIC ACID, 2-(p-CYCLOHEXYLPHENYL)-3-HYDROXY-3-METHYL-, METHYL ESTER, (-)-
UPDT:8404 MW: 290.44 MOLF: C18-H26-O3
SYN: (-)-2-(p-CYCLOHEXYLPHENYL)-3-HYDROXY-3-METHYLBUTYRIC ACID METHYL ESTER * ESTERE METILICO del ACIDO (-)-2-(4-CICLOESILFENIL)-3-IDROSSISOVALERIANICO (Italian)

TOXICITY DATA AND REFERENCES:

3F17F24F26	ipr-mus LD50:250 mg/kg	FRPSAX 38,686,83

ES8931000 BUTYRIC ACID, 2-(p-CYCLOHEXYLPHENYL)-3-HYDROXY-3-METHYL-, METHYL ESTER, (+)-
UPDT:8404 MW: 290.44 MOLFM: C18-H26-O3
SYN: (+)-2-(p-CYCLOHEXYLPHENYL)-3-HYDROXY-3-METHYLBUTYRIC ACID METHYL ESTER * ESTERE METILICO del ACIDO (+)-2-(4-CICLOESILFENIL)-3-IDROSSIISOVALERIANICO (Italian)

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1000 mg/kg	FRPSAX 38,686,83
3F17F24F26	ipr-mus LD50:500 mg/kg	FRPSAX 38,686,83

ES8950000 BUTYRIC ACID, 4,4'-(3,3'-DIAMINO-p,p'-BIPHENYLENEDIOXY)DI-
UPDT:8401 CAS: 73758-56-2 MW: 388.44 MOLFM: C20-H24-N2-O6
SYN: gamma,gamma'-3,3'-BENZIDINE DIOXYDIBUTYRIC ACID * 3,3'-BENZIDINE, gamma,gamma'-DIOXYDIBUTYRIC ACID * DICARBOXYDINE

TUMORIGENIC DATA AND REFERENCES:

3V03M60V10	scu-rat TDLo:19 gm/kg/2Y-I	JJIND8 62,301,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES8980000 BUTYRIC ACID, 2-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZAMIDO)-, DL-
UPDT:8310 MW: 410.49 MOLFM: C19-H22-N8-O3
SYN: DL-2-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZAMIDO)BUTYRIC ACID * 6-MAB DL-ABU

TOXICITY DATA AND REFERENCES:

1V30	unk-rat LD50:924 mg/kg	NEOLA4 29,43,82

ES8980100 BUTYRIC ACID, 4-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZAMIDO)-
UPDT:8308 MW: 410.49 MOLFM: C19-H22-N8-O3
SYN: 4-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZAMIDO)BUTYRIC ACID * 6-MAB gamma-ABU

TOXICITY DATA AND REFERENCES:

1V30	unk-rat LD50:103 mg/kg	NEOLA4 29,43,82

ES9010000 BUTYRIC ACID, 2,3-DIBROMO-3-HYDROXY-, p-NITROBENZYL ESTER, DIMETHYL PHOSPHATE
UPDT:8309 CAS: 63867-12-9 MW: 505.09 MOLFM: C13-H16-Br2-N-O8-P
SYN: BUTANOIC ACID, 2,3-DIBROMO-3-((DIMETHOXYPHOSPHINYL)OXY)-, (4-NITROPHENYL)METHYL ESTER * ENT 25,744 * 4-NITROPHENYL(METHYL 2,3-DIBROMO-3-((DIMETHOXYPHOSPHINYL)OXY)BUTANOATE * SD 7393 * SHELL SD-7393

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:137 mg/kg	ARSIM* 20,19,66

ES9060000 BUTYRIC ACID, 4-(o-(3,4-DICHLORO-N-METHYLBENZAMIDO)PHENYL)-
UPDT:8305 MW: 366.26 MOLFM: C18-H17-Cl2-N-O3
SYN: 4-(o-(3,4-DICHLORO-N-METHYLBENZAMIDO)PHENYL)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:769 mg/kg	JPMSAE 71,796,82

ES9100000 BUTYRIC ACID, 4-(2,4-DICHLOROPHENOXY)-
UPDT:8309 CAS: 94-82-6 MW: 249.10 MOLFM: C10-H10-Cl2-O3
SYN: BUTOXON * BUTOXONE * BUTOXONE AMINE * BUTOXONE ESTER * BUTYRAC * BUTYRAC 118 * BUTYRAC 200 * BUTYRAC ESTER * 2,4-DB * 4(2,4-DB) * 2,4-D BUTYRIC * gamma-(2,4-DICHLOROPHENOXY)BUTYRIC ACID * 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID * 2,4-DM * EMBUTOX * EMBUTOX E * EMBUTOX KLEAN-UP * LEGUMEX D

MUTATION DATA AND REFERENCES:

	dnr-esc 5 mg/disc	NTIS** PB80-133226
	dnr-bcs 5 mg/disc	NTIS** PB80-133226

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T59T71	orl-rat TDLo:17 mg/kg (1-7D preg)	GISAAA 41(2),20,76
2T24T34	orl-rat TDLo:416 mg/kg (5D preg)	GISAAA 41(2),20,76
1T35	orl-rat TDLo:416 mg/kg (9D preg)	GISAAA 41(2),20,76

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:700 mg/kg	RREVAH 10,97,65
	skn-rat LD50:800 mg/kg	WRPCA2 9,119,70

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES9275000 BURYRIC ACID, 4-(2,4-DICHLOROPHENOXY)-, SODIUM SALT
UPDT:8403 CAS: 10433-59-7 MW: 271.08 MOLFM: C10-H9-Cl2-O3-Na
SYN: BUTOXONE SB * BUTYRAC * 2,4-DB SODIUM SALT * gamma-(2,4-DICHLOROPHENOXY)BUTYRIC ACID, SODIUM SALT * 2,4-DICHLOROPHENOXYBUTYRIC ACID, SODIUM SALT * EMBUTOX * M&B 2878

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:700 mg/kg	GUCHAZ 6,153,73
	orl-mus LD50:400 mg/kg	PCOC** -,367,66

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
BUTYRIC ACID, 4-(DIETHYLAMINO)-2-(o-HYDROXYPHENYL)-2-PHENYL-, gamma-LACTONE see: DF7875000

ES9570000 BUTYRIC ACID, 4-(2,4-DIHYDROXY-3,3-DIMETHYLBUTYRAMIDO)-, D-(+)-
UPDT:8302 CAS: 18679-90-8 MW: 233.30 MOLFM: C10-H19-N-O5
SYN: HOMOPANTOTHENIC ACID * D-HOMOPANTOTHENIC ACID * HOPA * HOPANTENIC ACID

TOXICITY DATA AND REFERENCES:

2F04F17	ipr-mus LD50:2250 mg/kg	PCJOAU 14,546,80
*	unk-mus LD50:5720 mg/kg	BTMNA7 25,297,62

ES9575000 BUTYRIC ACID, 4-(2,4-DIHYDROXY-3,3-DIMETHYLBUTYRAMIDO)-, CALCIUM SALT, HYDRATE (4:2:1)
UPDT:8303 MW: 513.61 MOLFM: C20-H36-N2-O10-Ca.1/2H2O
SYN: CALCIUM D-(+)-4-(2,4-DIHYDROXY-3,3-DIMETHYLBUTYRAMIDE)BUTYRATE HEMIHYDRATE * CALCIUM HOPANTENATE HEMIHYDRATE * HOPA * HOPANTENATE CALCIUM HEMIHYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T72T81	orl-rat TDLo:405 mg/kg (17-22D preg/21D post)	OYYAA2 19,1011,80
2T71T76	orl-rat TDLo:810 mg/kg (17-22D preg/21D post)	OYYAA2 19,1011,80
1T75	orl-rat TDLo:1620 mg/kg (17-22D preg/21D post)	OYYAA2 19,1011,80

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:13900 mg/kg	IYKEDH 9,829,78
*	ipr-rat LD50:13500 mg/kg	IYKEDH 9,829,78
*	scu-rat LD50:5600 mg/kg	IYKEDH 9,829,78
*	orl-mus LD50:6000 mg/kg	IYKEDH 9,829,78
*	ipr-mus LD50:1600 mg/kg	IYKEDH 9,829,78
*	scu-mus LD50:2600 mg/kg	IYKEDH 9,829,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ES9585000 BUTYRIC ACID, 4-(2,4-DIHYDROXY-3,3-DIMETHYLBUTYRAMIDO)-2-HYDROXY-
UPDT:8305 MW: 249.30 MOLFM: C10-H19-N-O6
SYN: 4-(2,4-DIHYDROXY-3,3-DIMETHYLBUTYRAMIDO)-2-HYDROXYBUTYRIC ACID * alpha-HYDROXYHOMOPANTOTHENIC ACID * alpha-OXY-HOPA

TOXICITY DATA AND REFERENCES:

*	unk-mus LD50:2130 mg/kg	BTMNA7 25,297,62

ES9585010 BUTYRIC ACID, 4-(2,4-DIHYDROXY-3,3-DIMETHYLBUTYRAMIDO)-3-HYDROXY-
UPDT:8305 MW: 249.30 MOLFM: C10-H19-N-O6
SYN: 4-(2,4-DIHYDROXY-3,3-DIMETHYLBUTYRAMIDO)-3-HYDROXYBUTYRIC ACID * beta-HYDROXYHOMOPANTOTHENIC ACID * beta-OXY-HOPA

TOXICITY DATA AND REFERENCES:

*	unk-mus LD50:2070 mg/kg	BTMNA7 25,297,62

BUTYRIC ACID, 3,7-DIMETHYL-6-OCTENYL ESTER see: RH3430000

ET0130000 BUTYRIC ACID, alpha,alpha-DIMETHYLPHENETHYL ESTER
UPDT:8305 CAS: 10094-34-3 MW: 220.34 MOLFM: C14-H20-O2
SYN: BENZYL DIMETHYLCARBINYL n-BUTYRATE * BENZYL DIMETHYLCARBINYL n-BUTYRATE * DIMETHYLBENZYLCARBINYL BUTYRATE * alpha,alpha-DIMETHYLPHENETHYL BUTYRATE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 18,667,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ET0175000 BUTYRIC ACID, ester with DIMETHYL (2,2,2-TRICHLORO-1-HYDROXYETHYL)PHOSPHONATE
UPDT:8309 CAS: 126-22-7 MW: 327.54 MOLFM: C8-H14-Cl3-O5-P
SYN: BUTANOIC ACID, 2,2,2-TRICHLORO-1-(DIMETHOXYPHOSPHINYL)ETHYL ESTE R * BUTILCHLOROFOS * BUTONATE * DIMETHOXY-2,2,2-TRICHLORO-1-n-BUTYRYLOXY-ETHYLPHOSPHINE OXIDE * O,O-DIMETHYL-(1-BUTYRYLOXY-2,2,2-TRICHLOROETHYL) PHOSPHONATE * O,O-DIMETHYL 2,2,2-TRICHLORO-1-(n-BUTYRYLOXY)-ETHYLPHOSPHONATE * ENT 20,852 * I-139 * PHOSPHONIC ACID, (2,2,2-TRICHLORO-1-HYDROXYETHYL)-, DIMETHYL ESTER, BUTYRATE * T-113 * TRIBUFON

MUTATION DATA AND REFERENCES:

	dnd-mus-ipr 200 mg/kg	PCBPBS 6,101,76

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1100 mg/kg	ARSIM* 20,6,66
*	skn-rat LD50:7000 mg/kg	FMCHA2 -,C40,83
*	ipr-rat LD50:700 mg/kg	ZHYGAM 25,512,79
	scu-rat LD50:3000 mg/kg	PAREAQ 11,636,59
	unk-rat LD50:700 mg/kg	302DA9 -,383,71
*	orl-mus LD50:760 mg/kg	ZHYGAM 25,512,79
*	skn-dog LD50:3080 mg/kg	ZHYGAM 25,512,79
*	orl-gpg LD50:950 mg/kg	ZHYGAM 25,512,79
*	orl-ckn LD50:210 mg/kg	ZHYGAM 25,512,79

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73
BUTYRIC ACID (DOT) see: ES5425000

ET0700000 BUTYRIC ACID, 2,3-EPOXY-, BUTYL ESTER
UPDT:8303 CAS: 10138-34-8 MW: 158.22 MOLFM: C8-H14-O3
SYN: 2,3-EPOXYBUTYRIC ACID, BUTYL ESTER

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:500 mg/kg	AIHAAP 23,95,62
*	skn-rbt LD50:2830 mg/kg	AIHAAP 23,95,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ET0875000 BUTYRIC ACID, 2,3-EPOXY-, ETHYL ESTER
UPDT:8401 CAS: 19780-35-9 MW: 130.16 MOLFM: C6-H10-O3

BEST COPY AVAILABLE

SYN: 2,3-EPOXYBUTYRIC ACID, ETHYL ESTER * ETHYL-2,3-EPOXYBUTYRATE

MUTATION DATA AND REFERENCES:
mmo-sat 5 gm/L — MUREAV 89,269,81

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:272 mg/kg/6W-I — JNCIAM 46,143,71

TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg — AIHAAP 24,305,63
skn-rbt LDLo:2830 mg/kg — AIHAAP 24,305,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ET0890000 BUTYRIC ACID, ESTER with 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID
UPDT:8408 CAS: 21330-96-1 MW: 352.48 MOLFM: C18-H28-N2-O5

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:5500 mg/kg — YKKZAJ 89,254,69

ET1400000 BUTYRIC ACID, 2-ETHYL-
UPDT:8407 CAS: 88-09-5 MW: 116.18 MOLFM: C6-H12-O2
SYN: ACETIC ACID, DIETHYL- * DIETHYLACETIC ACID * 2-ETHYL BUTANOIC ACID * alpha-ETHYLBUTYRIC ACID * 2-ETHYLBUTYRIC ACID * 3-PENTANECARBOXYLIC ACID

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AMIHBC 10,61,54
eye-rbt 250 ug open SEV — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2200 mg/kg — AMIHBC 10,61,54
* skn-rbt LD50:520 mg/kg — AMIHBC 10,61,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ET1660000 BUTYRIC ACID, ETHYL ESTER
UPDT:8403 CAS: 105-54-4 MW: 116.18 MOLFM: C6-H12-O2
SYN: BUTANOIC ACID ETHYL ESTER * BUTYRIC ETHER * ETHYL BUTANOATE * ETHYL BUTYRATE * ETHYL BUTYRATE (DOT) * ETHYL n-BUTYRATE * UN 1180 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 12,719,74

TOXICITY DATA AND REFERENCES:
2F07F24 orl-rat LD50:13 gm/kg — FCTXAV 2,327,64
orl-rbt LD50:5228 mg/kg — IMSUAI 41,31,72

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BUTYRIC ACID, 2-ETHYLHEXANE-1,3-DIOL MONOESTER see: MO2680000

ET1680000 BUTYRIC ACID, 4-(ETHYLNITROSOAMINO)-
UPDT:8401 CAS: 54897-63-1 MW: 160.20 MOLFM: C6-H12-N2-O3
SYN: ECPN * N-ETHYL-N-(3-CARBOXYPROPYL)NITROSOAMINE * N-NITROSO-N-(3-CARBOXYPROPYL)ETHYLAMINE * N-NITROS-ETHYL(3-CARBOXYPROPYL)AMINE

MUTATION DATA AND REFERENCES:
mma-sat 10 umol/plate — CNREA8 37,399,77

TUMORIGENIC DATA AND REFERENCES:
2V03M60 orl-rat TDLo:5800 mg/kg/20W-I — GANNA2 65,565,74
2V03M60 orl-rat TD :64 gm/kg/20W-C — GANNA2 67,825,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ET1760000 BUTYRIC ACID, 2-ETHYL-2-PHENYL-, 2-(2-(DIETHYLAMINO)ETHOXY)ETHYL ESTER, CITRATE
UPDT:8412 CAS: 16485-39-5 MW: 1680.52 MOLFM: C20-H33-N-O3 xC6-H8-O7
SYN: OXELADIN CITRATE * OXELADINE CITRATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:183 mg/kg — NIIRDN 6,157,82
* orl-mus LD50:130 mg/kg — NIIRDN 6,157,82
1F12 scu-mus LD50:244 mg/kg — YKKZAJ 82,1314,62
* ivn-mus LD50:13 mg/kg — NIIRDN 6,157,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTYRIC ACID, 3-(2'-FLUORO-4-BIPHENYLYL)- see: DV8380000

ET4203000 BUTYRIC ACID, HEXYL ESTER
UPDT:8305 CAS: 2639-63-6 MW: 172.30 MOLFM: C10-H20-O2
SYN: HEXYL BUTANOATE * n-HEXYL BUTANOATE * n-HEXYL n-BUTANOATE * HEXYL BUTYRATE * n-HEXYL BUTYRATE * 1-HEXYL BUTYRATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — FCTXAV 17,815,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ET4210000 BUTYRIC ACID, 4-((4-HYDROXYBUTYL)NITROSAMINO)-, METHYL ESTER, ACETATE
UPDT:8405 MW: 260.33 MOLFM: C11-H20-N2-O5
SYN: N-(3-CARBOMETHOXYPROPYL)-N-(1-ACETOXYBUTYL)NITROSAMINE * CMPABN * 4-((4-HYDROXYBUTYL)NITROSAMINO)BUTYRIC ACID METHYL ESTER ACETATE (ester) * MCPABN * N-(3-METHOXYCARBONYLPROPYL)-N-(1-ACETOXYBUTYL)NITROSAMINE

MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate — GANNA2 71,124,80
mmo-esc 1 umol/plate — GANNA2 71,124,80
mrc-bcs 1 umol/plate — GANNA2 71,124,80

TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:99 mg/kg/10W-I — IAPUDO 41,619,82
3V03R60V10 scu-rat TD :70500 ug/kg/10W-I — GANNA2 76,687,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ET4300000 BUTYRIC ACID, 4-(2-(5-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-3-OXOCYCLOPENTYL)ETHOXY)-, (1R-(1-alpha,2-beta(1E,3S),5-alpha))-
UPDT:8402 CAS: 85235-27-4 MW: 356.51 MOLFM: C19-H32-O6
SYN: 5-OXA-PGD1 * 5-OXA PROSTAGLANDIN D1

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-ham TDLo:8 mg/kg (4D preg) — JMCMAR 26,790,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
BUTYRIC ACID, 4-HYDROXY-, gamma-LACTONE see: LU3500000

ET4730500 BUTYRIC ACID, 2-HYDROXY-2-METHYL-, 4-ESTER with 1,2,3,3a-beta,4,6a-beta,7,7a-alpha,10,11, 11a,11b-alpha-DODECAHYDRO-1-alpha,2-alpha,4-beta,10-alpha,11-beta-PENTAHYDROXY-3-alpha,8, 11a-beta-TRIMETHYL-5H-1,11c-beta-(EPOXYMETHANO)PHENANTHRO(10,1-bc)PYRAN-5-ONE
UPDT:8310 CAS: 1448-23-3 MW: 496.61 MOLFM: C25-H36-O10
SYN: GLARUBIN * GLAUCARUBIN * GLAUMEBA * alpha-KIRONDRIN * beta-KIRONDRIN * MK 53 * SIMARUBACEAE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:800 mg/kg — 85GDA2 8(2),172,82
* orl-mus LD50:1200 mg/kg — AIPTAK 114,307,58
scu-mus LD50:28 mg/kg — 85GDA2 8(2),172,82

ET4734000 BUTYRIC ACID, 2-(p-HYDROXYPHENYL)-
UPDT:8303 CAS: 29644-98-2 MW: 180.22 MOLFM: C10-H12-O3
SYN: 2-(p-HYDROXYPHENYL)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1250 mg/kg — FRPSAX 13,286,58
* unk-mus LD50:1250 mg/kg — FRPSAX 16,23,61

ET4750000 BUTYRIC ACID, 4-HYDROXY-, SODIUM SALT
UPDT:8408 CAS: 502-85-2 MW: 126.10 MOLFM: C4-H7-O3-Na
SYN: GAMMA OH * 4-HYDROXYBUTYRIC ACID SODIUM SALT * gamma-HYDROXYBUTYRATE SODIUM SALT * SODIUM gamma-HYDROXYBUTYRATE * SODIUM 4-HYDROXYBUTYRATE * SODIUM OXYBATE * SOMSANIT * WY-3478

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T77 ivn-gpg TDLo:40 mg/kg (68D preg) — AJOGAH 100,72,68

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9690 mg/kg — FATOAO 43,714,80
ipr-rat LD50:1650 mg/kg — THERAP 32,375,77
3D35F40R21 ipr-mus LD50:3300 mg/kg — JJPAAZ 17,30,67

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ET4809000 BUTYRIC ACID, 2-(3-HYDROXY-2,4,6-TRIIODOPHENOXY)-
UPDT:8405 MW: 573.89 MOLFM: C10-H9-I3-O4
SYN: 2-(3-HYDROXY-2,4,6-TRIIODOPHENOXY)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5500 mg/kg — PHARAT 16,389,61

ET4809050 BUTYRIC ACID, 4-(3-HYDROXY-2,4,6-TRIIODOPHENOXY)-
UPDT:8405 MW: 573.89 MOLFM: C10-H9-I3-O4
SYN: 4-(3-HYDROXY-2,4,6-TRIIODOPHENOXY)BUTYRIC ACID * gamma-(2,4,6-TRIJOD-3-HYDROXY-PHENOXY)-BUTTERSAEURE (German)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:9 gm/kg — PHARAT 16,389,61
BUTYRIC ACID, 4-((3-HYDROXY-2,4,6-TRIIODOPHENYL)AMINO)-4-OXO- (9CI) see: WM4600000
BUTYRIC ACID, 4-((3-HYDROXY-2,4,6-TRIIODOPHENYL)PROPYLAMINO)-4-OXO- (9CI) see: WM4650000

ET4870000 BUTYRIC ACID, 2-(p-(2H-INDAZOL-2-YL)PHENYL)-
UPDT:8303 MW: 280.35 MOLFM: C17-H16-N2-O2
SYN: 2-(p-(2H-INDAZOL-2-YL)PHENYL)BUTYRIC ACID * M.G. 18860

TOXICITY DATA AND REFERENCES:
3F05F11F19 ipr-mus LD50:360 mg/kg — FRPSAX 36,1037,81

ET4870010 BUTYRIC ACID, 4-(p-(2H-INDAZOL-2-YL)PHENYL)-
UPDT:8303 MW: 280.35 MOLFM: C17-H16-N2-O2
SYN: 4-(p-(2H-INDAZOL-2-YL)PHENYL)BUTYRIC ACID * M.G. 18832

TOXICITY DATA AND REFERENCES:
3F05F11F19 ipr-mus LD50:500 mg/kg — FRPSAX 36,1037,81
BUTYRIC ACID, 4-(INDOLYL)- see: NL5250000

ET5020000 BUTYRIC ACID, ISOBUTYL ESTER
UPDT:8305 CAS: 539-90-2 MW: 144.24 MOLFM: C8-H16-O2
SYN: ISOBUTYL BUTANOATE * ISOBUTYL BUTYRATE * ISOBUTYL n-BUTYRATE * 2-METHYLPROPYL BUTYRATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — FCTXAV 17,833,79

TOXICITY DATA AND REFERENCES:
orl-rbt LD50:9520 mg/kg — IMSUAI 41,31,72
2F17F25 idu-rbt LD50:9500 mg/kg — FCTXAV 17,833,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ET5030000 BUTYRIC ACID, 2-(4-ISOBUTYLPHENYL)-
UPDT:8403 CAS: 55837-18-8 MW: 192.30 MOLFM: C10-H20-O2
SYN: BUTIBUFEN * BUTILOPAN * FF 106 * alpha-ETHYL-4-(2-METHYLPROPYL)BENZENEACETIC ACID * 2-(4-ISOBUTYLPHENYL)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1600 mg/kg — DRFUD4 2,156,77
orl-mus LD50:810 mg/kg — EJMCA5 13,77,78

ET5034000 BUTYRIC ACID, ISOPENTYL ESTER
UPDT:8312 CAS: 106-27-4 MW: 158.27 MOLFM: C9-H18-O2
SYN: BUTANOIC ACID, 3-METHYLBUTYL ESTER (9CI) * ISOAMYL BUTANOATE * ISOAMYL BUTYLATE * ISOAMYL BUTYRATE * ISOAMYL n-BUTYRATE * ISOPENTYL BUTANOATE * ISOPENTYL BUTYRATE * 3-METHYLBUTYL BUTYRATE * UN 2620 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 17,823,79

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ET5036000 BUTYRIC ACID, ISOPROPYL ESTER
UPDT:8312 CAS: 638-11-9 MW: 130.21 MOLFM: C7-H14-O2
SYN: BUTANOIC ACID, 1-METHYLETHYL ESTER * ISOPROPYL BUTANOATE * ISOPROPYL BUTYRATE * ISOPROPYL BUTYRATE (DOT) * UN 2405 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
BUTYRIC ACID LACTONE see: LU3500000

ET5250000 BUTYRIC ACID, 3-METHOXY-
UPDT:8407 CAS: 10024-70-1 MW: 118.15 MOLFM: C5-H10-O3
SYN: BUTANOIC ACID, 3-METHOXY- * 3-METHOXY BUTANOIC ACID * 3-METHOXYBUTYRIC ACID

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AMIHBC 10,61,54
eye-rbt 750 ug open SEV — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3030 mg/kg — AMIHBC 10,61,54

ET5280000 BUTYRIC ACID, 2-(p-METHOXYPHENYL)-
UPDT:8303 CAS: 29644-99-3 MW: 194.25 MOLFM: C11-H14-O3
SYN: 2-(p-METHOXYPHENYL)BUTYRIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1700 mg/kg — FRPSAX 13,286,58

ET5300000 BUTYRIC ACID, p-METHOXYPHENYL ESTER
UPDT:8306 MW: 208.28 MOLFM: C12-H16-O3
SYN: ANISYL n-BUTYRATE * p-METHOXYBENZYL BUTYRATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — FCTXAV 14,683,76

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3400 mg/kg — FCTXAV 14,683,76
BUTYRIC ACID, 3-METHYL- see: NY1400000
BUTYRIC ACID, 3-METHYL-, ALLYL ESTER see: NY1412000

ET5485000 BUTYRIC ACID, 2-METHYLBUTYL ESTER
UPDT:8312 MW: 158.27 MOLFM: C9-H18-O2
SYN: BUTANOIC ACID, 2-METHYLBUTYL ESTER (9CI) * 2-METHYLBUTYL BUTANOATE * 2-METHYLBUTYL BUTYRATE * 2-METHYLBUTYL BUTYRATE (DOT) * UN 2620 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
BUTYRIC ACID, 3-METHYL-, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E)- see: RG5927700

BEST COPY AVAILABLE

ET5500000 BUTYRIC ACID, METHYL ESTER
UPDT:8408 CAS: 623-42-7 MW: 102.15 MOLFM: C5-H10-O2
SYN: METHYL n-BUTANOATE * METHYL BUTYRATE * METHYL-n-BUTYRATE * METHYL BUTYRATE (DOT) * UN 1237 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTOD7 20(Suppl),741,82
TOXICITY DATA AND REFERENCES:
* ihl-mus LC50:18 gm/m3/2H — 85GMAT -,81,82
orl-rbt LD50:3380 mg/kg — IMSUAI 41,31,72
skn-rbt LD50:3560 mg/kg — TXAPA9 42,417,77
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
BUTYRIC ACID, 3-METHYL-, ETHYL ESTER see: NY1504000

ET5675000 BUTYRIC ACID, 2-METHYL-, HEXYL ESTER
UPDT:8401 CAS: 10032-15-2 MW: 186.33 MOLFM: C11-H22-O2
SYN: HEXYL 2-METHYLBUTYRATE * 2-METHYLBUTANOIC ACID, n-HEXYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — FCTOD7 20(Suppl),721,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ET5700000 BUTYRIC ACID, METHYLNITROSAMINO METHYL ESTER
UPDT:8401 CAS: 67557-56-6 MW: 160.20 MOLFM: C6-H12-N2-O3
SYN: N-(1-BUTYROXYMETHYL)METHYLNITROSAMINE * METHYLAMINE, N-(1-BUTYROXYMETHYL)-N-NITROSO- * N-NITROSO-N-(1-BUTYROXYMETHYL)METHYL AMINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate — ARTODN 39,51,77
mma-sat 200 nmol/plate — ARTODN 39,51,77
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:60 mg/kg/90D-I — ZKKOBW 91,317,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:800 mg/kg — ZKKOBW 91,317,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ET5708000 BUTYRIC ACID, 4-(METHYLNITROSOAMINO)-
UPDT:8402 CAS: 61445-55-4 MW: 146.17 MOLFM: C5-H10-N2-O3
SYN: N-NITROSOMETHYL-3-CARBOXYPROPYLAMINE * N-METHYL-N-(3-CARBOXYPROPYL)NITROSAMINE
MUTATION DATA AND REFERENCES:
mma-sat 48 umol/plate — CNREA8 37,399,77
TUMORIGENIC DATA AND REFERENCES:
3V03L60M60 orl-rat TDLo:6800 mg/kg/57W-I — JJIND8 70,959,83
2V03M60 orl-rat TD :8500 mg/kg/57W-I — JJIND8 70,959,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ET5750000 BUTYRIC ACID, 2-METHYL-2-PHENYL-
UPDT:8303 MW: 178.25 MOLFM: C11-H14-O2
SYN: 2-METHYL-2-PHENYLBUTYRIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:926 mg/kg — FRPSAX 16,23,61

ET5750050 BUTYRIC ACID, 2-METHYL-4-PHENYL-
UPDT:8303 CAS: 1949-41-3 MW: 178.25 MOLFM: C11-H14-O2
SYN: 2-METHYL-4-PHENYL-BUTYRIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:712 mg/kg — FRPSAX 16,23,61

ET5750060 BUTYRIC ACID, 3-METHYL-2-PHENYL-
UPDT:8303 MW: 178.25 MOLFM: C11-H14-O2
SYN: 3-METHYL-2-PHENYL-BUTYRIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:1193 mg/kg — FRPSAX 16,23,61

ET5750070 BUTYRIC ACID, 3-METHYL-4-PHENYL-
UPDT:8303 MW: 178.25 MOLFM: C11-H14-O2
SYN: 3-METHYL-4-PHENYL-BUTYRIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:680 mg/kg — FRPSAX 16,23,61

ET5950700 BUTYRIC ACID, NEOPENTYL ESTER
UPDT:8312 CAS: 2050-00-2 MW: 158.27 MOLFM: C9-H18-O2
SYN: tert-AMYL BUTYRATE (DOT) * BUTANOIC ACID, 1,1-DIMETHYLPROPYL ESTER (9CI) * UN 2620 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
BUTYRIC ACID NITRILE see: ET8750000

ET5951000 BUTYRIC ACID, 2-(p-NITROPHENYL)-
UPDT:8303 CAS: 7463-53-8 MW: 209.22 MOLFM: C10-H11-N-O4
SYN: BENZENEACETIC ACID, alpha-ETHYL-4-NITRO- (9CI) * 2-(p-NITROPHENYL)BUTYRIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:240 mg/kg — FRPSAX 13,286,58

ET5955830 BUTYRIC ACID, 2-(3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOPHENYL)-, SODIUM SALT
UPDT:8403 CAS: 21762-00-5 MW: 662.97 MOLFM: C14-H13-I3-N-O4 Na
SYN: 2-(3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOPHENYL)BUTYRIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2350 mg/kg — PHARAT 30,70,75
* ivn-mus LD50:710 mg/kg — PHARAT 30,78,75

ET5955860 BUTYRIC ACID, 2-(3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)-, SODIUM SALT
UPDT:8403 CAS: 21762-29-8 MW: 646.97 MOLFM: C14-H13-I3-N-O3 Na
SYN: 2-(3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)BUTYRIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1650 mg/kg — PHARAT 30,78,75
* ivn-mus LD50:490 mg/kg — PHARAT 30,78,75

ET5956000 BUTYRIC ACID, PENTYL ESTER
UPDT:8405 CAS: 540-18-1 MW: 158.27 MOLFM: C9-H18-O2
SYN: AMYL BUTYRATE * n-AMYL BUTYRATE * n-AMYL BUTYRATE (DOT) * BUTANOIC ACID PENTYL ESTER * PENTYL BUTYRATE * UN 2620 (DOT)
TOXICITY DATA AND REFERENCES:
2F07R21 orl-rat LD50:12210 mg/kg — FCTXAV 2,327,64
2F07F19 orl-gpg LD50:11950 mg/kg — FCTXAV 2,327,64
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ET5956100 BUTYRIC ACID, sec-PENTYL ESTER
UPDT:8312 CAS: 60415-61-4 MW: 158.27 MOLFM: C9-H18-O2
SYN: BUTANOIC ACID, 1-METHYLBUTYL ESTER (9CI) * UN 2620 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

ET5956200 BUTYRIC ACID, PHENETHYL ESTER
UPDT:8402 CAS: 103-52-6 MW: 192.28 MOLFM: C12-H16-O2
SYN: BENZYLCARBINYL BUTYRATE * 2-PHENETHYL BUTANOATE * beta-PHENETHYL N-BUTANOATE * PHENETHYL BUTYRATE * PHENYLETHYL BUTYRATE * 2-PHENYLETHYL BUTYRATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — FCTXAV 17,889,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4600 mg/kg — FCTXAV 17,889,79
* orl-rbt LDLo:2 gm/kg — JEENAI 48,139,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ET5957500 BUTYRIC ACID, 2-PHENYL-
UPDT:8405 CAS: 90-27-7 MW: 164.22 MOLFM: C10-H12-O2
SYN: 2-PHENYLBUTYRIC ACID * alpha-PHENYL BUTYRIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1154 mg/kg — BCFAAI 100,143,61
* ipr-mus LD50:1320 mg/kg — FRPSAX 13,286,58
* ivn-mus LD50:320 mg/kg — CSLNX* NX#03832
* unk-mus LD50:1060 mg/kg — FRPSAX 16,23,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ET5960000 BUTYRIC ACID, 2-PHENYL-, 2-(2-(DIETHYLAMINO)ETHOXY)ETHYL ESTER, CITRATE
UPDT:8403 CAS: 18109-81-4 MW: 499.62 MOLFM: C18-H29-N-O3 C6-H8-O7
SYN: ABBOTT 36581 * ACODEEN * BUTAMIRATE CITRATE * BUTAMYRATE CITRATE * 2-(2-(DIETHYLAMINO)ETHOXY)-ETHYL 2-PHENYLBUTYRATE CITRATE * alpha-ETHYLBENZENEACETIC ACID 2-(2-(DIETHYLAMINO)ETHOXY)ETHYL ESTER CITRATE * HN-197 * PHENYL ACETIC ACID DIETHYLAMINOETHOXYETHANOL ESTER CITRATE * 2-PHENYLBUTYRIC ACID 2-(2-(DIETHYLAMINO)ETHOXY)ETHYL ESTER CITRATE * SINCODEEN * SINCODIN * SINCODEX * SINCODIX * SINECOD
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T46T81T86 orl-rat TDLo:60 mg/kg (9-14D preg) — TOIZAG 17,524,70
1T46 orl-mus TDLo:60 mg/kg (7-12D preg) — TOIZAG 17,524,70
1T86 orl-mus TDLo:1800 mg/kg (7-12D preg) — TOIZAG 17,524,70
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg — MEIEDD 10,210,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ET6090000 BUTYRIC ACID, 4-(3-PHENYL-2-THIOUREIDO)-
UPDT:8311 CAS: 25759-76-6 MW: 238.33 MOLFM: C11-H14-N2-O2-S
SYN: BUTANOIC ACID, 4-(((PHENYLAMINO)THIOXOMETHYL)AMINO)- (9CI) * gamma-PHENYLTHIOUREIDOBUTYRIC ACID * 4-(3-PHENYL-2-THIOUREIDO)BUTYRIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 mg/kg — AMACCQ 5,1,74

ET6170000 BUTYRIC ACID, 4-PIVALAMIDO-
UPDT:8402 MW: 187.27 MOLFM: C9-H17-N-O3
SYN: 4-PIVALAMIDOBUTYRIC ACID * N-PIVALOYL-4-AMINOBUTYRIC ACID
TOXICITY DATA AND REFERENCES:
1F11 ivn-mus LD50:1752 mg/kg — AGSOA6 22,219,81

ET6380000 BUTYRIC ACID, RHODIUM(II) SALT
UPDT:8209 MW: 279.15 MOLFM: C8-H16-O4 Rh
SYN: RHODIUM(II) BUTYRATE * RHODIUM DIBUTYRATE
MUTATION DATA AND REFERENCES:
dni-mus/ast 600 ug/kg — CCROBU 59,611,75
oms-mus/ast 600 ug/kg — CCROBU 59,611,75
TOXICITY DATA AND REFERENCES:
* ipr-mus LD10:700 ug/kg — CCROBU 59,611,75
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 — DTLWS* 4,356,82
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ug(Rh)/m3 (SCP-M) — FEREAC 39,23540,74

ET6400000 BUTYRIC ACID, SODIUM SALT
UPDT:8402 CAS: 156-54-7 MW: 111.11 MOLFM: C4-H8-O2 Na
SYN: BUTANOIC ACID, SODIUM SALT (9CI) * BUTYRATE SODIUM * SODIUM BUTANOATE * SODIUM BUTYRATE * SODIUM n-BUTYRATE
MUTATION DATA AND REFERENCES:
otr-hmn:oth 2 mmol/L — CNREA8 42,1052,82
dnd-hmn:hla 5 mmol/L — CELLB5 13,691,78
dni-hmn:hla 5 mmol/L — ECREAL 141,283,82
oms-rat:oth 1 mmol/L — INOPAO 13,210,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ET6550000 BUTYRIC ACID, 2-(p-TOLYL)-
UPDT:8303 MW: 178.25 MOLFM: C11-H14-O2
SYN: 2-(p-TOLYL)BUTYRIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1350 mg/kg — FRPSAX 13,286,58
BUTYRIC ACID TRIESTER with GLYCERIN see: ET7350000

ET6720000 BUTYRIC ACID, 4-(N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ACETAMIDO)-
UPDT:8408 CAS: 30544-58-2 MW: 289.28 MOLFM: C13-H14-F3-N-O3
SYN: N-ACETYL-gamma-(m-TRIFLUORMETHYLANILINO)-BUTTERSAEURE (German) * B 67338 * 4-(N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ACETAMIDO)BUTYRIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg — GWXXBX #1917036

ET6750000 BUTYRIC ACID, 2-(2,4,6-TRIIODOPHENOXY)-
UPDT:8406 CAS: 554-24-5 MW: 557.89 MOLFM: C10-H9-I3-O3
SYN: BAYGNOSTIL * BILIODYL * BUTANOIC ACID, 2-(2,4,6-TRIIODOPHENOXY)- * CHOLOGNOST * FELOTRAST * PHENOBUTIODIL * 4114 TH * TRIJOBIL * VESIPAQUE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1800 mg/kg — PHARAT 27,411,72
* ivn-mus LD50:265 mg/kg — PHARAT 27,411,72

ET7000000 BUTYRIC ACID, VINYL ESTER
UPDT:8412 CAS: 123-20-6 MW: 114.16 MOLFM: C6-H10-O2
SYN: UN 2838 (DOT) * VINYL BUTYRATE * VINYL BUTYRATE, inhibited (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD — UCDS** 3/24/70
eye-rbt 500 mg open — AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8530 mg/kg — UCDS** 3/24/70
ihl-rat LCLo:4000 ppm/4H — AMIHBC 4,119,51
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
BUTYRIC ALDEHYDE see: ES2275000

ET7090000 BUTYRIC ANHYDRIDE
CAS: 106-31-0 MW: 158.22 MOLFM: C8-H14-O3
SYN: BUTANOIC ACID, ANHYDRIDE (9CI) * BUTANOIC ANHYDRIDE * BUTYRIC ACID ANHYDRIDE * n-BUTYRIC ACID ANHYDRIDE * n-BUTYRIC ANHYDRIDE * BUTYRIC ANHYDRIDE (DOT) * BUTYRYL OXIDE * UN 2739 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-mus LD30:2 gm/kg — 85GMAT -,31,82
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

n-BUTYRIC ANHYDRIDE see: ET7090000
BUTYRIC ANHYDRIDE (DOT) see: ET7090000
BUTYRIC ETHER see: ET1660000
BUTYRIC or NORMAL PRIMARY BUTYL ALCOHOL see: EO1400000

ET7350000 BUTYRIN, TRI-
UPDT:8401 CAS: 60-01-5 MW: 302.41 MOLFM: C15-H26-O6
SYN: BUTANOIC ACID, 1,2,3-PROPANETRIYL ESTER * BUTYRIC ACID TRIESTER with GLYCERIN * BUTYRYL TRIGLYCERIDE * GLYCEROL TRIBUTYRATE * KODAFLEX * TRIBUTYRIN * TRIBUTYROIN

TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:177 gm/kg/3W-C JNCIAM 10,361,49
2V03J60 ipr-mus TDLo:12 gm/kg/8W-I CHREAB 33,3069,73

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:3200 mg/kg KODAK* 21MAY71
2F12J25 ivn-mus LD50:320 mg/kg APSCAX 40,338,57

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUTYROLACTAM see: UY5715000
gamma-BUTYROLACTAM see: UY5715000
BUTYROLACTONE see: LU3500000
alpha-BUTYROLACTONE see: LU3500000
beta-BUTYROLACTONE see: RQ8050000
gamma-BUTYROLACTONE see: LU3500000
4-BUTYROLACTONE see: LU3500000
BUTYRON see: YS6475000
BUTYRONE see: MJ5600000
BUTYRONE (DOT) see: MJ5600000

ET8750000 BUTYRONITRILE
UPDT:8411 CAS: 109-74-0 MW: 69.12 MOLFM: C4-H7-N
SYN: BUTANENITRILE * n-BUTANENITRILE * BUTYRIC ACID NITRILE * n-BUTYRONITRILE * BUTYRONITRILE (DOT) * BUTYRYLONITRILE * 1-CYANOPROPANE * PROPYL CYANIDE * UN 2411 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 395 mg open MLD UCDS** 5/17/60

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:140 mg/kg AIHAAP 23,95,62
ihl-rat LCLo:1000 ppm/4H AIHAAP 23,95,62
* orl-mus LD50:39 mg/kg ARTODN 55,47,84
1L30 ihl-mus LC50:249 ppm/1H CTOXAO 18,991,81
3D26F19J22 ipr-mus LD50:38 mg/kg TXAPA9 59,589,81
orl-rbt LDLo:100 mg/kg AEXPBL 34,247,1894
* skn-rbt LD50:500 mg/kg AIHAAP 23,95,62
scu-rbt LDLo:10 mg/kg AIPTAK 5,161,1899
skn-gpg LDLo:100 mg/kg KODAK* 21MAY71
scu-frg LDLo:3100 mg/kg AIPTAK 5,161,1899

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITRILES recm std-air:TWA 22 mg/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

n-BUTYRONITRILE see: ET8750000

ET9020000 BUTYRONITRILE, 4-CHLORO-
UPDT:8411 CAS: 628-20-6 MW: 103.56 MOLFM: C4-H6-Cl-N

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:53380 ug/kg ARTODN 55,47,84

BUTYRONITRILE, 4-(DIETHOXYMETHYLSILYL)- see: VV2770000

ET9400000 BUTYRONITRILE, 4-DIETHYLAMINO-2,2-DIPHENYL-, OXALATE
UPDT:8305 MW: 382.50 MOLFM: C20-H24-N2 C2-H2-O4
SYN: 4-DIETHYLAMINO-2,2-DIPHENYLBUTYRONITRILE OXALATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:44 mg/kg AIPTAK 103,100,55

ET9450000 BUTYRONITRILE, 4-DIETHYLAMINO-2-PHENYL-, OXALATE
UPDT:8305 MW: 306.40 MOLFM: C14-H20-N2 C2-H2-O4
SYN: 4-DIETHYLAMINO-2-PHENYLBUTYRONITRILE OXALATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:46994 ug/kg AIPTAK 103,100,55

ET9625000 BUTYRONITRILE, 2,4-DIHYDROXY-3,3-DIMETHYL-
UPDT:8303 CAS: 10232-92-5 MW: 129.18 MOLFM: C6-H11-N-O2
SYN: 2,4-DIHYDROXY-3,3-DIMETHYLBUTYRONITRILE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ihl-man TCLo:13 mg/m3 (5Y male) GTPZAB 24(5),28,80

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:310 mg/kg AIHAAP 23,95 62
1R10 skn-rbt LD50:130 mg/kg AIHAAP 23,95,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ET9720000 BUTYRONITRILE, 4-DIMETHYLAMINO-2,2-DIPHENYL-3-METHYL-, HYDROBROMIDE
UPDT:8312 MW: 359.35 MOLFM: C19-H22-N2 Br-H
SYN: 4-DIMETHYLAMINO-2,2-DIPHENYL-3-METHYL-BUTYRONITRILE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg JCSOA9 -,648,49

ET9802000 BUTYRONITRILE, 4-DIMETHYLAMINO-2,2-DIPHENYL-, OXALATE
UPDT:8305 MW: 354.44 MOLFM: C18-H20-N2 C2-H2-O4
SYN: 4-DIMETHYLAMINO-2,2-DIPHENYLBUTYRONITRILE OXALATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:69 mg/kg AIPTAK 103,100,55

ET9860000 BUTYRONITRILE, 2,2-DIPHENYL-4-DIPROPYLAMINO-, MONOHYDROCHLORIDE
UPDT:8305 MW: 356.98 MOLFM: C22-H28-N2 Cl-H
SYN: 2,2-DIPHENYL-4-DIPROPYLAMINOBUTYRONITRILE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg AIPTAK 103,100,55

BUTYRONITRILE (DOT) see: ET8750000

ET9885000 BUTYRONITRILE, 3,4-EPITHIO-, (+-)-
UPDT:8305
SYN: (+-)-1-CYANO-2,3-EPITHIOPROPAN (German) * (+-)-1-CYANO-2,3-EPITHIOPROPANE * (+-)-3,4-EPITHIOBUTYRONITRILE

MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate MGLHAE 72,131,81

ET9900000 BUTYRONITRILE, 3,4-EPOXY-
UPDT:8401 CAS: 6509-08-6 MW: 83.10 MOLFM: C4-H5-N-O
SYN: 1,2-EPOXYBUTYRONITRILE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:324 mg/kg/81W-I JNCIAM 46,143,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BUTYRONITRILE, 2-METHYL- see: NY1750000

EU0530000 BUTYRONITRILE, 2-METHYL-
UPDT:8411 CAS: 18936-17-9 MW: 83.15 MOLFM: C5-H9-N

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:24 mg/kg ARTODN 55,47,84

EU0640000 BUTYRONIRILE, 2-OXO-, O-BENZOYLOXIME
UPDT:8402 MW: 188.25 MOLFM: C11-H12-N2-O
SYN: 1-BENZYLOXIMINOBUTANECARBONITRILE * 2-OXOBUTYRONITRILE O-BENZYLOXIME

TOXICITY DATA AND REFERENCES:
* unk-mam LD50:1000 mg/kg JPMSAE 56,307,67

BUTYRONITRILE, 4-(TRICHLOROSILYL)- see: VV2775000
BUTYRONITRILE, 4-(TRIETHOXYSILYL)- see: VV2785000

EU0900000 p-BUTYROPHENETIDIDE, 3-HYDROXY-
UPDT:8406 CAS: 1083-57-4 MW: 223.30 MOLFM: C12-H17-N-O3
SYN: BETADID * BUCETIN * BUTANAMIDE, N-(4-ETHOXYPHENYL)-3-HYDROXY-

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3430 mg/kg OYYAA2 16,549,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EU1220000 BUTYROPHENONE, 4'-tert-BUTYL-4-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-, HYDROCHLORIDE
UPDT:8303 MW: 506.18 MOLFM: C32-H39-N-O2 Cl-H
SYN: 4'-tert-BUTYL-4-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)BUTYROPHENONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F17F25 orl-mus LD50:1000 mg/kg ARZNAD 32,1157,82

EU1225000 BUTYROPHENONE, 3'-((5-BUTYRYL-2,4-DIHYDROXY-3,3-DIMETHYL-6-OXO-1,4-CYCLOHEXADIEN-1-YL) METHYL)-2',6'-DIHYDROXY-4'-METHOXY-
UPDT:8401 CAS: 114-43-2 MW: 446.54 MOLFM: C24-H30-O8
SYN: DEASPIDIN * DESASPIDIN BB * ROSAPIN

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:340 mg/kg APTOA6 25,33,67

EU1300000 BUTYROPHENONE, 3'-((5-BUTYRYL-2,4-DIHYDROXY-3,3-DIMETHYL-6-OXO-1,4-CYCLOHEXADIEN-1-YL) METHYL)-2',6'-DIHYDROXY-4'-METHOXY-5'-METHYL-
UPDT:8402 CAS: 989-54-8 MW: 460.57 MOLFM: C25-H32-O8
SYN: p-ASPIDIN * p-ASPIDIN BB * PARAASPIDIN

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:17 mg/kg JPMSAE 54,1362,65

EU1400000 BUTYROPHENONE, 3'-((5-BUTYRYL-2,4-DIHYDROXY-3,3-DIMETHYL-6-OXO-1,4-CYCLOHEXADIEN-1-YL) METHYL)-2',4',6'-TRIHYDROXY-5'-METHYL-
UPDT:8411 CAS: 114-42-1 MW: 446.54 MOLFM: C24-H30-O8
SYN: FLAVASPIDIC ACID * FLAVISPIDIC ACID BB * FLAVASPIDSAEURE (German) * POLYSTICHOCITRIN * TOXIFREN

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:690 mg/kg APTOA6 25,33,67
* ivn-mus LD50:94 mg/kg JPMSAE 54,1362,65
unk-frg LDLo:400 mg/kg AEXPBL 47,1,1902

EU1456000 BUTYROPHENONE, 4-(4-(p-CHLORO-alpha-HYDROXY-alpha-PHENYLBENZYL)PIPERIDINO)-4'-FLUORO-, HYDROCHLORIDE
UPDT:8303 MW: 502.49 MOLFM: C28-H29-Cl-F-N-O2 Cl-H

TOXICITY DATA AND REFERENCES:
1F17 orl-mus LD50:2000 mg/kg ARZNAD 32,1157,82

EU1575000 BUTYROPHENONE, 4-(4-(p-CHLOROPHENYL)-4-HYDROXYPIPERIDINO)-4'-FLUORO-
UPDT:8411 CAS: 52-86-8 MW: 375.90 MOLFM: C21-H23-Cl-F-N-O2
SYN: ALDO * ALOPERIDIN * ALOPERIDOLO * ALOPERIDON * BROTOPON * 1-BUTANONE, 4-(4-(4-CHLOROPHENYL) 4-HYDROXY-1-PIPERIDINYL)-1-(4-FLUOROPHENYL)- * gamma-(4-(p-CHLORPHENYL)-4-HYDROXPIERIDINO)-p-FLUORBUTYROPHENONE * 4-(4-(4-CHLOROPHENYL)-4-HYDROXY-1-PIPERIDINYL)-1-(4-FLUOROPHENYL)-1-BUTANONE * EINALON S * EUKYSTOL * 1-(3-p-FLUOROBENZOYLPROPYL)-4-p-CHLOROPHENYL 4-HYDROXYPIPERIDINE * 4'-FLUORO-4-(4-HYDROXY-4-(4'-CHLOROPHENYL)PIPERIDINO)BUTYROPHENONE * GALOPERIDOL * HALDOL * HALOL * HALOPAL * HALOPERIDOL * HALOPIDOL * HALOSTEN * 4-(4-HYDROXY-4'-CHLORO-4-PHENYLPIPERIDINO)-4'-FLUOROBUTYROPHENONE * KESELAN * LEALGIN COMPOSITUM * LINTON * McN-JR-1625 * PELUCES * PERNOX * R 1625 * SERENACE * SERENASE * SERENELFI * SERNAS * SERNEL * ULIOLIND * ULCOLIND * VESALIUM

MUTATION DATA AND REFERENCES:
mma-sat 100 nmol/plate CRNGDP 3,223,82
sln-dmg-orl 200 mg SOGEBZ 7,1042,71
cyt-hmn:fbr 10 gm/L AMBUCH 6,42,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T46T47T74 orl-wmn TDLo:14700 ug/kg (1-7W preg) JAMAAP 231,62,75
1T16 orl-rat TDLo:60 mg/kg (1-12D preg) CHDDAT 264,114,67
1T34 orl-rat TDLo:24 mg/kg (1-8D preg) JRPFA4 22,591,70
1T45 orl-rat TDLo:15 mg/kg (8-12D preg) ARZNAD 18,1420,68
1T25 orl-rat TDLo:17500 ug/kg (8-14D preg) ARZNAD 18,1420,68
1T26 orl-rat TDLo:70 mg/kg (6-12D preg) ARZNAD 18,1420,68
1T41 orl-rat TDLo:5040 ug/kg (14-22D preg/12D post) DPTHDL 7,188,84
1T25 scu-rat TDLo:12500 ug/kg (8-12D preg) ARZNAD 18,1420,68
1T42 scu-rat TDLo:70 mg/kg (6-12D preg) ARZNAD 18,1420,68
1T85 scu-rat TDLo:20 mg/kg (14-18D preg) TJADAB 29(2),88,84
1T16 par-rat TDLo:30 mg/kg (1-12D preg) CHDDAT 264,114,67
1T35 orl-mus TDLo:25 mg/kg (8D preg) TOIZAG 28,621,81
1T42 orl-mus TDLo:14 mg/kg (6-12D preg) ARZNAD 18,1420,68
1T26 orl-mus TDLo:21 mg/kg (6-12D preg) ARZNAD 18,1420,68
1T25 orl-mus TDLo:10500 ug/kg (8-14D preg) ARZNAD 18,1420,68
2T41T42 orl-mus TDLo:50 mg/kg (8D preg) TOIZAG 28,621,81
1T34 orl-mus TDLo:25 mg/kg (14D preg) TOIZAG 28,621,81
1T29 scu-mus TDLo:3500 ug/kg (1D preg) TJADAB 24(1),17A,81
3T34T41T42 ipr-ham TDLo:140 mg/kg (8D preg) DPTHDL 4,1,82
2T43T45 ipr-ham TDLo:140 mg/kg (8D preg) DPTHDL 4,1,82
1T25 ipr-ham TDLo:170 mg/kg (8D preg) DPTHDL 4,1,82

TUMORIGENIC DATA AND REFERENCES:
3V01L60P61 ipr-mus TDLo:25 mg/kg/5D-C CRNGDP 3,223,82
3V01K60P61 ipr-mus TD :50 mg/kg/10D-C CRNGDP 3,223,82

TOXICITY DATA AND REFERENCES:
3F07G04U26 orl-chd TDLo:13 mg/kg JAMAAP 239,48,78
3F17F18F23 unk-chd TDLo:375 ug/kg/3D LANCAO 2,479,80
3F07F11F19 unk-hmn TDLo:9800 ug/kg/28D ARZNAD 32,911,82
* orl-rat LD50:128 mg/kg NIIRDN 6,594,82
ipr-rat LD50:27 mg/kg 27ZQAG -,190,72
* scu-rat LD50:60 mg/kg NIIRDN 6,594,82
* ivn-rat LD50:15 mg/kg NIIRDN 6,594,82
orl-mus LD50:71 mg/kg FRPSAX 31,442,76
* ipr-mus LD50:30 mg/kg BCFAAI 111,293,72
scu-mus LD50:54 mg/kg ARZNAD 11,932,61
ivn-mus LD50:13 mg/kg ARZNAD 11,932,61
unk-mus LD50:18 mg/kg CLPTAT 3,432,62
* orl-dog LD50:90 mg/kg CLPTAT 8,770,67
* ivn-dog LD50:18 mg/kg CLPTAT 8,770,67
* ivn-rbt LD50:8 mg/kg CLPTAT 8,770,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDPYAK 1,203,74; MDCHAG 4(2),199,67

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BEST COPY AVAILABLE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EU1600000 BUTYROPHENONE, 3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-, erythro-

UPDT:8403 CAS: 31301-20-9 MW: 448.04 MOLFM: C28-H30-Cl-N-O2

SYN: erythro-3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)BUTYROPHENONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:2500 ug/kg (1-5D preg) CCPTAY 2,199,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EU1650000 BUTYROPHENONE, 3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-, threo-

UPDT:8403 CAS: 32719-36-1 MW: 448.04 MOLFM: C28-H30-Cl-N-O2

SYN: threo-3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)BUTYROPHENONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:25 mg/kg (1-5D preg) CCPTAY 2,199,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EU2366000 BUTYROPHENONE, 2,2-DIPHENYL-4-PIPERIDINO-, HYDROBROMIDE

UPDT:8312 MW: 464.49 MOLFM: C27-H29-N-O Br-H

SYN: 2,2-DIPHENYL-4-PIPERIDINO-BUTYROPHENONE HYDROBROMIDE * PHENYL 3-PIPERIDINO-1,1-DIPHENYL-n-PROPYL KETONE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:

1F29 ivn-mus LD50:16 mg/kg JCSOA9 -,648,49

EU3500000 BUTYROPHENONE, 4'-FLUORO-4-(4-HYDROXY-4-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)PIPERIDINO)-

UPDT:8411 CAS: 749-13-3 MW: 409.46 MOLFM: C22-H23-F4-N-O2

SYN: 1-BUTANONE, 1-(4-FLUOROPHENYL)-4-(4-HYDROXY-4-(3-(TRIFLUOROMETHYL)PHENYL)-1-PIPERIDINYL)- * 4-FLUORO-4-(4-HYDROXY 4-(alpha.alpha.alpha-TRIFLUORO-m-TOLYL)PIPERIDINO)BUTYROPHENONE * MCN-JR-2498 * PSICOPERIDOL-R * R-2498 * TRIFLUPERIDOL * TRIPERIDOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T43 orl-mus TDLo:75 mg/kg (10-12D preg) TOIZAG 28,621,81

1T34 ims-mus TDLo:8 mg/kg (10-13D preg) SPERA2 118,245,68

1T43 ims-mus TDLo:16 mg/kg (10-13D preg) SPERA2 118,245,68

1T71 ims-mus TDLo:64 mg/kg (10-13D preg) SPERA2 118,245,68

TOXICITY DATA AND REFERENCES:

orl-rat LD50:140 mg/kg TXAPA9 18,185,71

ipr-mus LDLo:150 mg/kg NTIS** AD691-490

3D28E04F40 scu-rat LD50:70 mg/kg MDCHAG 4(2),199,67

orl-mus LD50:210 mg/kg CHTPBA 7,493,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: IDPYAK 1,203,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EU3550000 BUTYROPHENONE, 4'-FLUORO-4-(4-HYDROXY-4-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)PIPERIDINO)-, HYDROCHLORIDE

UPDT:8408 CAS: 2062-77-3 MW: 445.92 MOLFM: C22-H23-F4-N-O2 Cl-H

SYN: FLUMOPERONE HYDROCHLORIDE * PSICOPERIDOL * PSYCOPERIDOL HYDROCHLORIDE * R 2498 * TRIFLUPERIDOL HYDROCHLORIDE * TRIPERIDOL * TRIPERIDOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* scu-rat LD50:70 mg/kg ARZNAD 11,932,61

ivn-rat LD50:14 mg/kg 27ZQAG -,194,72

scu-mus LD50:80 mg/kg 27ZQAG -,194,72

ivn-mus LD50:26 mg/kg 27ZQAG -,194,72

EU3556500 BUTYROPHENONE, 4'-FLUORO-4-(3-(3-INDOLYLMETHYL)-4-METHYL-1-PIPERAZINYL)-

UPDT:8303 MW: 393.55 MOLFM: C24-H28-F-N3-O

SYN: 4'-FLUORO-4-(3-(3-INDOLYLMETHYL)-4-METHYL-1-PIPERAZINYL)BUTYROPHENONE * 1-METHYL-2-(3-INDOLYLMETHYL)-4-gamma-(p-FLUOROBENZOYL)PROPYLPIPERAZINE

TOXICITY DATA AND REFERENCES:

3F05F17F19 ipr-mus LD50:800 mg/kg EJMCA5 17,312,82

EU3640000 BUTYROPHENONE, 4'-FLUORO-4-(4-(o-METHOXYPHENYL)-1-PIPERAZINYL)-

UPDT:8312 CAS: 1480-19-9 MW: 356.48 MOLFM: C21-H25-F-N2-O2

SYN: ANTI-PICA * 1-BUTANONE, 1-(4-(FLUOROPHENYL)-4-(4-(2-METHOXYPHENYL)-1-PIPERAZINYL)- (9CI) * FLUANISON * FLUANISONE * 4-FLUORO-4-(4-(o-METHOXYPHENYL)-1-PIPERAZINYL)BUTYROPHENONE * HALOANISONE * HALONISON * MD 2028 * 2028 MD * 4-(4-(o-METHOXYPHENYL)-1-PIPERAZINYL) p-FLUOROBUTYROPHENONE * R 2028 * R 2167 * SEDALANDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46 orl-rat TDLo:132 mg/kg (15D preg) PJPPAA 32,199,80

TOXICITY DATA AND REFERENCES:

3D28E04F40 scu-rat LD50:420 mg/kg MDCHAG 4(2),199,67

2F17F21 ipr-mus LD50:200 mg/kg FRPSAX 35,605,80

unk-mus LD50:80 mg/kg CLPTAT 3,432,62

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: IDPYAK 1,203,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EU4020000 BUTYROPHENONE, 4'-FLUORO-4-(2-METHYL-1,2,3,4,5,6,7,8-OCTAHYDRO-13H-1,4,-DIAZECINO(8,7-b) INDOL-5-YL)-

UPDT:8303 MW: 407.58 MOLFM: C25-H30-F-N3-O

SYN: 2-METHYL-5-(gamma-(p-FLUOROBENZOYL)PROPYL)-1,2,3,4,5,6,7,8-OCTAHYDRO-2,5-INDOLODIAZOCINE

TOXICITY DATA AND REFERENCES:

3F05F17F19 ipr-mus LD50:500 mg/kg EJMCA5 17,312,82

EU4025000 BUTYROPHENONE, 4'-FLUORO-4-(4-METHYLPIPERIDINO)-, HYDROCHLORIDE

UPDT:8403 CAS: 1622-79-3 MW: 299.85 MOLFM: C16-H22-F-N-O Cl-H

SYN: BURONIL * EUNERPAN * FG 5111 * 4'-FLUORO-4-(4-METHYLPIPERIDINO)BUTYROPHENONE HYDROCHLORIDE * METHYLPERONE HYDROCHLORIDE * gamma-(4-METHYLPIPERIDINE)-p-FLUOROBUTYROPHENONE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34 orl-rbt TDLo:195 mg/kg (6-18D preg) FRPPAO 29,586,74

TOXICITY DATA AND REFERENCES:

1U26 orl-rat LD50:330 mg/kg APTOA6 23,109,65

2H01U26 scu-rat LD50:220 mg/kg APTOA6 23,109,65

2U26U01 ivn-rat LD50:40 mg/kg APTOA6 23,109,65

1U26 orl-mus LD50:230 mg/kg APTOA6 23,109,65

scu-mus LD50:230 mg/kg 27ZQAG -,191,72

1U26 ivn-mus LD50:35 mg/kg APTOA6 23,109,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EU4130000 BUTYROPHENONE, 4'-FLUORO-4-(METHYL(2-(1,2,3,4-TETRAHYDRO-9H-PYRIDO(3,4-b)INDOL-2-YL)ETHYL) AMINO)-

UPDT:8303 MW: 393.55 MOLFM: C24-H28-F-N3-O

TOXICITY DATA AND REFERENCES:

3F05F17F19 ipr-mus LD50:800 mg/kg EJMCA5 17,312,82

EU4131000 BUTYROPHENONE, 4'-FLUORO-4-(METHYL(1,2,3,4-TETRAHYDRO-9H-PYRIDO(3,4-b)INDOL-2-YLMETHYL) AMINO)-

UPDT:8303 MW: 379.52 MOLFM: C23-H26-F-N3-O

SYN: 4'-FLUORO-4-(METHYL(1,2,3,4-TETRAHYDRO-9H-PYRIDO(3,4-b)INDOL-2-YLMETHYL)AMINO)BUTYROPHENONE

TOXICITY DATA AND REFERENCES:

3F05F17F19 ipr-mus LD50:600 mg/kg EJMCA5 17,312,82

EU4167000 BUTYROPHENONE, 4'-FLUORO-4-(1,2,3,4,6,7,12,12a-OCTAHYDROPYRAZINO(1',2':1,6)PYRIDO(3,4-b) INDOL-2-YL)-

UPDT:8303 MW: 391.53 MOLFM: C24-H26-F-N3-O

TOXICITY DATA AND REFERENCES:

3F05F17F19 ipr-mus LD50:180 mg/kg EJMCA5 17,312,82

BUTYROPHENONE, 4'-FLUORO-4-(4-OXO-1-PHENYL-1,3,8-TRIAZASPIRO(4,5)DECAN-8-YL)- see: XX8925000

EU4550000 BUTYROPHENONE, 4'-FLUORO-4-(4-(2-PYRIDYL)-1-PIPERAZINYL)-

UPDT:8405 CAS: 1649-18-9 MW: 327.44 MOLFM: C19-H22-F-N3-O

SYN: AZAPERONE * AZEPERONE * 1-BUTANONE, 1-(4-FLUOROPHENYL)-4-(4-(2-PYRIDINYL)-1-PIPERAZINYL)- * EUCALMYL * FLUOPERIDOL * 1-(3-(4-FLUOROBENZOYL)PROPYL)-4-(2-PYRIDYL)PIPERAZINE * 4'-FLUORO-4-(4-(2-PYRIDYL)-1-PIPERAZINYL)BUTYROPHENONE * R 1929 * STRESNIL * SUICALM

TOXICITY DATA AND REFERENCES:

ivn-rat LD50:25 mg/kg 27ZQAG -,185,72

2F17F21 ipr-mus LD50:63 mg/kg FRPSAX 35,605,80

scu-mus LD50:179 mg/kg 27ZQAG -,185,72

ivn-mus LD50:52 mg/kg 27ZQAG -,185,72

BUTYROPHENONE, 4'-FLUORO-4-(4-(2-THIOXOBENZIMIDAZOL-1-YL)PIPERIDINO)- see: EL7570000

EU4885200 BUTYROPHENONE, 5'-METHYL-3',3'''-METHYLENEBIS(2',6'-DIHYDROXY-4'-METHOXY-

UPDT:8402 CAS: 1509-10-0 MW: 446.54 MOLFM: C24-H30-O8

SYN: PHLORASPIDINOL * PHLORASPIDINOL BB

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:21500 ug/kg JPMSAE 54,1362,65

EU5200000 BUTYROPHENONE, 2',2''',4',6',6'''-PENTAHYDROXY-4'''-METHOXY-3',3'''-METHYLENEBIS(5'-METHYL-

UPDT:8402 CAS: 1867-82-9 MW: 446.54 MOLFM: C24-H30-O8

SYN: MARGASPIDIN * MARGASPIDIN BB * MARGASPINDIN * 2',2''',4',6',6'''-PENTAHYDROXY-4'''-METHOXY-3',3'''-METHYLENEBIS(5'-METHYLBUTYROPHENONE)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:250 mg/kg TAKHAA 31,247,72

* ivn-mus LD50:11800 ug/kg JPMSAE 54,1362,65

EU5230000 BUTYROPHENONE, 2',2''',4',6',6'''-PENTAHYDROXY-4'''-METHOXY-5'-METHYL-3',3'''-METHYLENEDI-

UPDT:8402 CAS: 1763-14-0 MW: 432.51 MOLFM: C23-H28-O8

SYN: FLORASPIN * PHLORASPIN * PHLORASPINE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:11800 ug/kg JPMSAE 54,1362,65

BUTYROPHENONENHELVETICOSID (German) see: FH4935000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-PHENYLBUTYLIDENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-9-OXO-

4-BUTYROTHIOLACTONE see: XN1930000

EU5435000 2',6'-BUTYROXYLIDIDE, 2-(N-ETHYLPROPYLAMINO)-, HYDROCHLORIDE, (+-)-

UPDT:8308 MW: 312.93 MOLFM: C17-H28-N2-O Cl-H

SYN: (+-)-2-(N-ETHYLPROPYLAMINO)-2',6'-BUTYROXYLIDIDE HYDROCHLORIDE * ETIDOCAINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F02F07 ipr-mus LD50:64400 ug/kg AACRAT 60,385,81

ivn-dog LDLo:10 mg/kg TXAPA9 37,13,76

N-(1-BUTYROXYMETHYL)METHYLNITROSAMINE see: ET5700000

12-O-BUTYROYL-PHORBOLDODECANOATE see: GZ0635000

BUTYRYLACTONE see: LU3500000

2-BUTYRYLAMINO-3,5-DIIODOBENZOIC ACID see: CB2559300

3-BUTYRYLAMINO-2,4,6-TRIIODOBENZOIC ACID see: DG4973500

3-(3-BUTYRYLAMINO-2,4,6-TRIIODOPHENYL)-2-ETHYLACRYLIC ACID SODIUM SALT see: GD8430000

1-n-BUTYRYLAZIRIDINE see: CM6475000

EU5523000 BUTYRYL CHLORIDE

UPDT:8401 CAS: 141-75-3 MW: 106.56 MOLFM: C4-H7-Cl-O

SYN: n-BUTYRYL CHLORIDE * BUTYRYL CHLORIDE (DOT) * UN 2353 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID, CORROSIVE 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

n-BUTYRYL CHLORIDE see: EU5523000

BUTYRYL CHLORIDE (DOT) see: EU5523000

1-BUTYRYL-4-CINNAMYLPIPERAZINE HYDROCHLORIDE see: TL0620000

1-n-BUTYRYL-4-CINNAMYL PIPERAZINE HYDROCHLORIDE see: TL0620000

BUTYRYL CYCLIC AMP see: AU7357800

N-BUTYRYLDEACETYLCOLCHICINE see: ES5065000

N-BUTYRYL-3,5-DIIODOANTHRANILIC ACID see: CB2559300

3-n-BUTYRYL-10-(3'-DIMETHYLAMINOPROPYL)PHENOTHIAZINE see: EL7880000

BUTYRYLETHYLENEIMINE see: CM6475000

BUTYRYLETHYLENIMINE see: CM6475000

BUTYRYL LACTONE see: LU3500000

3-n-BUTYRYL-10-(3'-MORPHOLINOPROPYL)PHENOTHIAZIN see: EL9216600

BUTYRYLONITRILE see: ET8750000

BUTYRYL OXIDE see: ET7090000

17-BUTYRYLOXY-11-beta-HYDROXY-21-PROPIONYLOXY-4-PREGNENE-3,20-DIONE see: GM9003000

BUTYRYLPERAZINE DIMALEATE see: EL9200000

1-BUTYRYL-4-(PHENYLALLYL)PIPERAZINE HYDROCHLORIDE see: TL0620000

BUTYRYLPROMAZINE see: EL7880000

3-BUTYRYLPROMAZINE see: EL7880000

BUTYRYL TRIGLYCERIDE see: ET7350000

BUVETZONE see: UQ8225000

BUX see: FC3500000

BUX see: FC3510000

BUXINOL see: MJ3280000

BUX-TEN see: FC3510000

BUX TEN see: FC3500000

BUX-TEN, NITROSO deriv. (9CI) see: FC6612000

BUZANE see: XF6828500

BUZON see: UQ8225000

BV-1 see: NQ7860000

BVU see: YS3150000

B-W see: VV9275000

BW 47-83 see: TL64750uO

BW 50-63 see: UV8140000

BW 54-95 see: TN4977000

BW 55-95 see: TN4976000

BW 56-72 see: UV8225000

BW 48-122 see: UV8149700

BW 48-210 see: UV8149800

BW 49-224 see: UV8149600

BW 49-371 see: UV8197500

BW 50-197 see: UV8180000

BW 50-322 see: UV8149200

BEST COPY AVAILABLE

BW 56-158 see: UR0785000
B.W. 57-233 see: XO1605800
BW 57-322 see: UO8925000
BW 57-323 see: UO7505000
BW 58-271 see: UY8925000
BW 58-283 see: UV1153970
BW 58-283b see: UV1153970
B.W. 356-C-61 see: ES2450000
BW 467 C-60 see: ME8575000
BW 57-323H see: UO7505000
BW-197U see: UV8180000
BW 248U see: UO7504000
BW 283U see: UV1153970
BW-21-Z see: GZ1255000
BW-Z 44 see: AT6970000
BX-78 see: QO2999100
BYKAHEPAR see: ES8352000 BUTYRIC ACID, 4-(p-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDO)-
BYK-M 1 see: TZ1225000
BYLADOCE see: GG3750000
BZ see: MA4030000
BZ 55 see: YS4550000
BZ 55 see: YS4200000
BZCF see: LQ5860000
B-3-Zh (Russian) see: EV3180000
BZI see: DD5425000
BZL see: XH5097300
BZ.NH.Ac see: AB4542300
BZQ see: DK1575000
BZT see: BO7175000
C 6 see: BQ8575000
C-10 see: DG4590000
C 31 see: BD0940000
C 33 see: BD0940000
C-56 see: GY1225000
C 65 see: KV0350000
C 78 see: DN8785000
238 C see: TN2855000
C-272 see: KU8085000
C 283 see: AR9240000
C-299 see: CX9871000
C-516 see: AR9069000
C 570 see: TC2800000
C 609 see: SA0243000
C 709 see: TC3850000
C-768 see: TC2870000
C-776 see: TC2850000
C-835 see: KL9371000
C-846 see: TX8257000
C-847 see: FD7700000
C-854 see: DB5250000
C 857 see: KL9371050
C-912 see: WT3750000
C 940 see: WT2977000
C 1,006 see: DB5250000
C 1006 see: TX8040000
C 1120 see: FB9625000
C-1228 see: RK4385090
C-1297 see: OE9800000
C 1414 see: TC4375000
C 1656 see: NL3490000
C 1983 see: YS6125000
C 2018 see: QW0970000
C 2050 see: AB7234144
C 2054 see: AB8785000
C 2059 see: YT1575000
C 2060 see: AB7238000
C-2307 see: TC4025000
C-2428 see: TE1300000
C 2446 see: TE1575000
C 3055 see: UG5672000
C-3126 see: YS3325000
C 3172 see: SZ1925000
C 3203 see: YV9104000
C 3204 see: YV9101000
C 3205 see: YV9102500
C 3209 see: AB7063000
C 3470 see: YT0180000
C 4199 see: DG2295000
C 4200 see: VO1620000
C 4201 see: VO1602000
C 4205 see: VO1684000
C 4208 see: VO1925000
C 4292 see: TN4971000
C-5068 see: TH8925000
C 5307 see: EZ4217500
C 5309 see: FD0832000
C 5318 see: FD1177000
53-32C see: XJ9089100
C 5473 see: BP7625000
C 5571 see: YV9101500
C 5720 see: FE3180000
C 5780 see: CB9395250
C-5968 see: TH9000000
C 5968 see: TH8925000
C 6259 see: AB4843000
C 6379 see: SH5075000
C 6392 see: AB7243700
C 6586 see: AB7238490
C-6989 see: KO2750000
C 7019 see: XY3280000
C 7441 see: TH8849900
C-7441 see: TH8850000
75-20 C see: MU8400000
C-8353 see: FC1925000
C 8514 see: LQ4375000
C8949 see: TB8750000
C9122 see: EG7000000
C 9295 see: BR8050000
C-9491 see: TF0175000
C-10015 see: FC1030000
C-10015 see: TB8750300
11925 C see: SF8423000
C-17018 see: FC4795000
C 18898 see: XY7500000
C 19490 see: TE3690000
349C59 see: TM2676000
349C59 see: TM2676100
356C61 see: ES2450000
467-C-60 see: ME8575000
CA see: AL8050000
CA see: KX5250000
CA 80-15 see: QW0970000
CABADON M see: GG3750000
CAB-O-GRIP see: BD1200000
CAB-O-GRIP II see: VV7310000
CAB-O-LITE see: ZC9750000
CAB-O-LITE 100 see: ZC9750000
CAB-O-LITE 130 see: ZC9750000
CAB-O-LITE 160 see: ZC9750000
CAB-O-LITE F 1 see: ZC9750000
CAB-O-SIL see: VV7310000
CAB-O-SPERSE see: VV7310000

EU8760000 CABREUVA OIL
UPDT:8401 CAS: 68188-03-4
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTOD7 20(Suppl),645,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CABRONAL see: CQ6825000

EU8781000 CACAO DYE
UPDT:8406
MUTATION DATA AND REFERENCES:
cyt-ham:lng 1300 mg/L — GMCRDC 27,95,81

EU8788000 CACCININ
DEF:A glucoside isolated from CACCINIA GLAUCA (JPMSAE 51,1040,62)
UPDT:8406
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:576 mg/kg — JPMSAE 51,1040,62

CACHALOT C-50 see: MM0225000
CACHALOT C-51 see: MM0225000
CACHALOT C-52 see: MM0225000
CACHALOT L-50 see: JR5775000
CACHALOT L-90 see: JR5775000
CACHALOT 0-1 see: RG4120000
CACHALOT 0-3 see: RG4120000
CACHALOT 0-8 see: RG4120000
CACHALOT 0-15 see: RG4120000
C-8 ACID see: RH0175000
CACODYLATE DE SODIUM (French) see: CH7700000
CACODYLIC ACID see: CH7525000
CACODYLIC ACID (P3T) see: CH7525000
CACODYLIC ACID, MAGNESIUM see: OM2457800
CACODYLIC ACID SODIUM SALT see: CH7700000
CACODYL NEW see: PA2275000
CACP see: TP2450000
CACTINOMYCIN see: AU1400000
C. ADAMANTEUS VENOM see: YX4305000
CADCO 0115 see: WL6475000
CADDY see: EV0175000
CADET see: DM8575000
CADE OIL RACTIFIED see: NY9872000

EU9500000 CADIA DEL PERRO
DEF:Aqueous extract from the dried leaves of the plant (JNCIAM 46,1131,71)
UPDT:8401
SYN: K. IXINA * KRAMERIA IXINA
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:300 mg/kg/1Y-I — JNCIAM 46,1131,71
2V03V10 ims-rat TDLo:45 gm/kg/1Y-I — JNCIAM 46,1131,71
2V01K60 skn-ham TDLo:53950 mg/kg/65W-I — JNCIAM 53,1259,74
2V02V10 scu-rat TD :990 mg/kg/55W-I — JNCIAM 52,1579,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EU9520000 CADIA ELLISIANA Baker, leaf extract
DEF:Madagascan plant belonging to the family PAPILIONACEAE (APFRAD 32,323,74)
UPDT:8306
TOXICITY DATA AND REFERENCES:
2F13F17 ipr-mus LDLo:1500 mg/kg — APFRAD 32,323,74

CADIZEM see: DL0310000 1,5-BENZOTHIAZEPIN-4(5H)-ONE, 2,3-DIHYDRO-3-(ACETYLOXY)-5-(2-(DIMETHYLAMINO)ETHYL)-2-(4- METHOXYPHENYL)-, MONOHYDROCHLORIDE, cis-(+)-
CADMINATE see: WM5600000

EU9800000 CADMIUM
UPDT:8412 CAS: 7440-43-9 MW: 112.40 MOLFM: Cd
SYN: C.I. 77180 * COLLOIDAL CADMIUM * KADMIUM (German)
MUTATION DATA AND REFERENCES:
cyt-ham:ovr 1 umol/L — CGCGBR 26,251,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T81T85 orl-rat TDLo:155 mg/kg (13W male/13W pre-3W preg) — BECTA6 20,96,78
1T39 orl-rat TDLo:220 mg/kg (1-22D preg) — TOLED5 11,233,82
2T24T82 orl-rat TDLo:21500 ug/kg (MGN) — ENVRAL 22,466,80
1T48 orl-rat TDLo:23 mg/kg (1-22D preg) — PSEBAA 158,614,78
1T01 ipr-rat TDLo:1124 ug/kg (1D male) — TXAPA9 41,194,77
1T83 scu-rat TDLo:250 ug/kg (19D preg) — APTOD9 19,A122,80
2T45T53 ivn-rat TDLo:1250 ug/kg (14D preg) — JJATDK 1,264,81
2T41T42 ivn-rat TDLo:1250 ug/kg (9D preg) — JJATDK 1,264,81
1T34 ivn-rat TDLo:8 mg/kg (8-15D preg) — JJATDK 1,264,81
2T34T35 orl-mus TDLo:448 mg/kg (MGN) — AEHLAU 23,102,71
1T41 ipr-mus TDLo:1686 ug/kg (7D preg) — TJADAB 28,39A,83
TUMORIGENIC DATA AND REFERENCES:
3V01Q60V10 ims-rat TDLo:40 mg/kg/4W-I — JEPTDQ 1,51,77
3V03P62V10 ims-rat TD :70 mg/kg — BJCAAI 18,124,64
3V03P62V10 ims-rat TD :63 mg/kg — NATUAS 193,592,62
3V02Q60V10 ims-rat TD :45 mg/kg/4W-I — NCIUS* PH 43-64-886,SEPT,71
TOXICITY DATA AND REFERENCES:
1M13 ihl-man TCLo:88 ug/m3/8.6Y — AEHLAU 28,147,74
ihl-hmn LCLo:39 mg/m3/20M — AIHAAP 31,180,70
unk-man LDLo:15 mg/kg — 85DCAI 2,73,70

BEST COPY AVAILABLE

orl-rat LD50:225 mg/kg TXAPA9 41,667,77
ipr-rat LD50:4 mg/kg TXAPA9 41,667,77
scu-rat LD50:9 mg/kg TXAPA9 41,667,77
* ivn-rat LD50:1800 ug/kg JJATDK 1,264,81
unk-rat LD50:1140 mg/kg GTPZAB 22(5),6,78
unk-mus LD50:890 mg/kg GTPZAB 22(5),6,78
orl-rbt LDLo:70 mg/kg AMPMAR 34,127,73
scu-rbt LDLo:6 mg/kg PROTA* -,-,55
* ivn-rbt LDLo:5 mg/kg JOGBAS 35,693,28
ims-ham LDLo:25 mg/kg NCIUS* PH-43-64-886

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TRBMAV 33(1),85,75; JDSCAE 58(12),1767,75; JFDSAZ 39,321,74; AMBOCX 3(2),55,74; QURBAW 7(1),75,74; AEMBAP 40,239,73; NTIS** PB-221,198; KOTTAM 11(11),1300,75; FOREAE 7,313,42; STEVAB 2(4),341,74; FCTXAV 9,105,71; AJMEAZ 38,409,65; ENVRAL 4,71,71; 85CVA2 5,63,70; PEXTAR 12,102,69; PDTNBH 6,204,77; BNYMAM 54,413,78; AMTODM 3,209,77; GSAMAQ 123,109,71; 49DXAV -,57,83; 43QNAO 2,743,81

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 2,74,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 11,39,76
★ TLV-TWA 50 ug/m3; STEL 200 ug/m3 (dust) DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Cd)/m3;CL 300 ug(Cd)/m3 (fume) (SCP-W) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7048, 7300 and 8310
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0280-0332,8EHQ-0680-0345
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CADMIUM ACETATE see: EU9810000

EU9810000 CADMIUM(II) ACETATE

UPDT:8403 CAS: 543-90-8 MW: 116.25 MOLFM: C2-H4-O2 1/2Cd

SYN: ACETIC ACID, CADMIUM SALT * BIS(ACETOXY)CADMIUM * CADMIUM ACETATE * CADMIUM ACETATE (DOT) * CADMIUM DIACETATE * C.I. 77185 * NA 2570 (DOT)

MUTATION DATA AND REFERENCES:
cyt-hmn:lym 10 nmol/L MUREAV 85,236,81
otr-ham:emb 1 umol/L CNREA8 39,193,79
dnd-ham:emb 1 umol/L CNREA8 39,193,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T41T43 ipr-rat TDLo:2371 ug/kg (12D preg) BECTA6 20,206,78
1T25 ipr-rat TDLo:2371 ug/kg (14D preg) BECTA6 20,206,78
1T34 ipr-rat TDLo:1 mg/kg (14D preg) BECTA6 23,25,79
1T71 ipr-rat TDLo:2 mg/kg (20D preg) BECTA6 23,25,79
1T12 scu-rat TDLo:2325 ng/kg (1D pre) JRPFA4 17,559,68

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:14 mg/kg TXAPA9 49,41,79

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3;STEL 200 ug(Cd)/m3 DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CADMIUM ACETATE (DOT) see: EU9810000

EU9821000 CADMIUM(II) ACETATE, MONOHYDRATE

UPDT:8308 MW: 134.26 MOLFM: C2-H4-O2 1/2Cd H2-O

SYN: CADMIUM DIACETATE MONOHYDRATE

MUTATION DATA AND REFERENCES:
otr-ham:emb 100 ug/L CNREA8 39,1008,79

CADMIUM BARIUM STEARATE see: WI2830000

EU9850000 CADMIUM, BIS(DIETHYLDITHIOCARBAMATO)-

UPDT:8401 CAS: 14239-68-0 MW: 408.96 MOLFM: C10-H20-Cd-N2-S4

SYN: BIS(DIETHYLDITHIOCARBAMATO)CADMIUM * CADMIUM DIETHYL DITHIOCARBAMATE * CARBAMIC ACID, DIETHYLDITHIO-, CADMIUM SALT * ETHYL CADMATE * ETHYL TUADS

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate MUREAV 68,313,79
mma-sat 10 ug/plate MUREAV 68,313,79
dnd-esc 1 umol/L ARTODN 46,277,80

TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:7100 mg/kg/78W-I NTIS** PB223-159
3V03J60P60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CADMIUM BIS(2-ETHYLHEXYL) PHOSPHITE see: TG6475000

EU9935000 CADMIUM BROMIDE

UPDT:8401 CAS: 7789-42-6 MW: 272.22 MOLFM: Br2-Cd

SYN: CADMIUM BROMIDE (DOT) * CADMIUM DIBROMIDE * UN 2570 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CADMIUM BROMIDE (DOT) see: EU9935000
CADMIUM CAPRYLATE see: RH0370000
CADMIUM CARBONATE see: FF9320000

EV0175000 CADMIUM CHLORIDE

UPDT:8411 CAS: 10108-64-2 MW: 183.30 MOLFM: Cd-Cl2

SYN: CADDY * CADMIUM CHLORIDE (DOT) * CADMIUM DICHLORIDE * KADMIUMCHLORID (German) * NA 2570 (DOT) * VI-CAD

MUTATION DATA AND REFERENCES:
mma-sat 500 mg/L SOGEBZ 13,737,77
dnr-bcs 50 mmol/L MUREAV 31,185,75
mrc-bcs 5 mmol/L MUREAV 77,109,80
dnd-omi 350 umol/L SCIEAS 198,513,77
mmo-smc 818 umol/L MGGEAE 174,39,79
dni-hmn:hla 250 umol/L MUREAV 92,427,82
cyt-hmn:lym 50 umol/L/24H TXCYAC 10,67,78
cyt-hmn:leu 1 umol/L TKIZAM 82,232,74
dns-rat-ipr 10 mg/kg/5D-C TXAPA9 38,145,76
dns-rat-scu 12 mg/kg/3D-I TXAPA9 74,337,84
oms-rat-scu 12 mg/kg/3D-I TXAPA9 74,337,84
dni-rat-ipr 6 mg/kg/3D-C TXAPA9 38,145,76
dni-rat:oth 10 nmol/L TXAPA9 74,337,84
cyt-rat:emb 3500 nmol/L DANKAS 224,1189,75
spm-rat-scu 1824 ug/kg JOENAK 24,453,62
spm-rat-orl 3 mg/kg EVHPAZ 13,69,76
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
oms-mus-scu 3 mg/kg NEZAAQ 32,472,77
cyt-mus-scu 3 mg/kg ENMUDM 4,563,82
dlt-mus-ipr 2 mg/kg MUREAV 30,365,75
dlt-mus-orl 15 mg/kg AXVMAW 34,399,80
hma-mus/sat 6 mg/kg SOGEBZ 13,737,77
spm-mus-ipr 1 mg/kg JPETAB 187,641,73
spm-mus-scu 20250 ug/kg BJEPA5 40,503,59
spm-mus-unk 1 mg/kg GNKAA5 16(8),1397,80
otr-ham:emb 2 umol/L CNREA8 39,193,79
dnd-ham:emb 2 umol/L CNREA8 39,193,79
dnd-ham:ovr 2 umol/L BIOJAU 25,229a,79
dnd-ham:lng 20 umol/L MUREAV 111,69,83
dns-ham:emb 10 umol/L MUREAV 131,173,84
cyt-ham:lng 1 umol/L MUREAV 85,288,81
msc-ham:lng 1 umol/L MUREAV 111,69,83
spm-ham-scu 40 umol/kg JRPFA4 1,294,60
spm-gpg-scu 40 umol/kg JRPFA4 1,294,60
dnd-mam:lym 350 umol/L SCIEAS 198,513,77
cyt-dom-orl 11460 mg/kg/27W-C ITFCBH 3,9,73
spm-rbt-scu 40 umol/kg JRPFA4 1,294,60

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:975 mg/kg (6-18D preg) TJADAB 26,229,82
2T34T46 orl-rat TDLo:650 mg/kg (6-18D preg) TJADAB 26,229,82
1T87 orl-rat TDLo:48 mg/kg (90D pre/1-22D preg) NTIS** CONF-771017
2T35T53 orl-rat TDLo:14677 ug/kg (6-14D preg) TXAPA9 23,222,72
1T46 orl-rat TDLo:17 mg/kg (6W male/6W pre-20D preg) EESADV 4,51,80
1T03 orl-rat TDLo:4890 ng/kg (30D male) EVHPAZ 13,59,76
1T47 orl-rat TDLo:280 mg/kg (6-19D preg) NATUAS 239,231,72
3T39T19U01 ihl-rat TCLo:200 ug/m3/24H (1-21D preg) TXCYAC 10,297,78
1T34 ihl-rat TCLo:600 ug/m3/24H (1-21D preg) TXCYAC 10,297,78
3T45T46T50 ipr-rat TDLo:2933 ug/kg (10D preg) TJADAB 7,237,73
2T53T31 ipr-rat TDLo:2933 ug/kg (10D preg) TJADAB 7,237,73
2T25T34 ipr-rat TDLo:2933 ug/kg (11D preg) TJADAB 7,237,73
1T41 ipr-rat TDLo:2933 ug/kg (9D preg) TJADAB 7,237,73
1T34 scu-rat TDLo:8799 ug/kg (9-11D preg) TJADAB 7,237,73
3T31T34T35 scu-rat TDLo:4892 ug/kg (19D preg) TXCYAC 18,103,80
2T39T51 scu-rat TDLo:4892 ug/kg (19D preg) TXCYAC 18,103,80
3T01T02T03 scu-rat TDLo:1250 ug/kg (1D male) ABMGAJ 5,153,60
1T49 scu-rat TDLo:32 mg/kg (12-15D preg) TJADAB 23,75,81
1T12 scu-rat TDLo:3666 ng/kg (1D pre) JRPFA4 17,559,68
1T03 ims-rat TDLo:4 mg/kg (1D male) IJEBA6 15,594,77
2T34T87 orl-mus TDLo:6197 ug/kg (1-19D preg) AEHLAU 33,36,78
2T34T48 orl-mus TDLo:248 gm/kg (1-19D preg) JONUAI 109,1640,79
3T52T81T91 orl-mus TDLo:6 mg/kg (15-19D preg) JEPTDQ 1(3),187,78
3T25T34T35 ipr-mus TDLo:2 mg/kg (7D preg) CPBTAL 30,2141,82
3T25T26T46 ipr-mus TDLo:4 mg/kg (10D preg) TJADAB 21,79,80
3T41T42T43 ipr-mus TDLo:1833 ug/kg (7D preg) NTIS** CONF-771017
1T23 ipr-mus TDLo:1 mg/kg (1D male) JPETAB 187,641,73
1T27 scu-mus TDLo:5 mg/kg (7D preg) INHEAO 11,127,73
1T11 scu-mus TDLo:3 mg/kg (1D pre) TJADAB 16,127,77
2T02T03 scu-mus TDLo:4 mg/kg (1D male) OFAJAE 42,107,66
1T35 scu-mus TDLo:3666 ug/kg (13D preg) TJADAB 10,243,74
3T41T42T46 scu-mus TDLo:2500 ug/kg (7D preg) INHEAO 11,127,73
1T02 ivn-mus TDLo:73 mg/kg (1D male) TOXID9 4,164,84
1T02 itt-dog TDLo:7330 ug/kg (1D male) IJEBA6 14,613,76
2T02T03 scu-mky TDLo:12 mg/kg (1D male) AEFTAA 7,339,76
1T29 orl-rbt TDLo:990 mg/kg (1-6D preg) JRPFA4 70,323,84
3T34T51T53 scu-rbt TDLo:815 ug/kg (29D preg) TXAPA9 62,211,82
1T35 scu-rbt TDLo:1 mg/kg (20D preg) TOXID9 1,16,81
2T01T02 scu-rbt TDLo:4583 ng/kg (1D male) JRPFA4 14,348,67
1T29 scu-rbt TDLo:2500 ug/kg (1D pre) CCPTAY 26,181,52
1T24 scu-rbt TDLo:5 mg/kg (1D pre) CCPTAY 26,181,82
1T39 scu-rbt TDLo:204 ug/kg (29D preg) TXAPA9 62,211,82
3T02T03T23 itt-rbt TDLo:1520 ug/kg (1D male) JOANAY 99,907,65
1T12 par-gpg TDLo:2500 ug/kg (1D pre) IJEBA6 3,50,65
2T22T29 scu-ham TDLo:5 mg/kg (1D pre) BIREBV 29,249,83
1T02 scu-ham TDLo:8 mg/kg (1D male) BIREBV 19,886,78
1T43 ivn-ham TDLo:2 mg/kg (8D preg) TJADAB 19,50A,79
3T39T41T42 ivn-ham TDLo:2 mg/kg (8D preg) TJADAB 25,101,82
2T02T03 scu-grb TDLo:5600 ug/kg (1D male) JRMSAS 85,297,65
2T02T03 scu-sql TDLo:7332 mg/kg (1D male) AEFTAA 7,257,76
1T02 scu-mam TDLo:7332 ug/kg (1D male) IJEBA6 12,200,74
1T02 unk-mam TDLo:2400 ug/kg (1D male) IJEBA6 18,1398,80
2T02T03 itt-mam TDLo:500 ug/kg (1D male) AEFTAA 7,75,76

TUMORIGENIC DATA AND REFERENCES:
2V01J60 ihl-rat TCLo:20 ug/m3/23H/78W-C JJINDB 70,367,83
3V01T61V10 scu-rat TDLo:3666 ug/kg PAACA3 24,84,83
2V03V16 ims-rat TDLo:4500 ug/kg ARPAAQ 83,493,67
2V03V16 par-rat TDLo:1700 ug/kg ARPAAQ 83,493,67
2V03T61 scu-mus TDLo:5499 ug/kg JNCIAM 31,745,63
2V03V10 scu-rat TD :4500 ug/kg ARPAAQ 83,493,67
2V01J60 ihl-rat TC :41 ug/m3/23H/78W-C JJINDB 70,367,83
2V01J60" ihl-rat TC :82 ug/m3/23H/78W-C JJINDB 70,367,83
3V01T61V10 scu-rat TD :7332 ug/kg PAACA3 24,84,83
3V02T61V10 scu-rat TD :5499 ug/kg PSEBAA 115,653,64
3V01K60T61 scu-rat TD :3666 mg/kg CNREA8 43,4575,83
3V01K60T61 scu-rat TD :7332 mg/kg CNREA8 43,4575,83

TOXICITY DATA AND REFERENCES:
orl-rat LD50:88 mg/kg AFDOAQ 15,122,51
* ipr-rat LD50:1800 ug/kg EVHPAZ 28,89,79
1U01 orl-mus LD50:60 mg/kg APTOA6 48,108,81
ipr-mus LD50:9300 ug/kg NEZAAQ 32,472,77
1U01 scu-mus LD50:3200 ug/kg APTOA6 48,108,81
* ivn-mus LD50:3500 ug/kg TXAPA9 53,510,80
ihl-dog LC90:420 mg/m3/30M JIHTAB 29,302,47

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

ivn-dog LDLo:5 mg/kg EQSSDX 1,1,75
scu-cat LDLo:25 mg/kg EQSSDX 1,1,75
ivn-cat LDLo:5 mg/kg HBAMAK 4,1289,35
orl-rbt LDLo:70 mg/kg EQSSDX 1,1,75
* scu-rbt LDLo:18 mg/kg JOANAY 97,269,63
ivn-rbt LDLo:2 mg/kg EQSSDX 1,1,75
orl-gpg LD50:63 mg/kg FOREAE 7,313,42
* skn-gpg LDLo:233 mg/kg AEHLAU 11,201,65
ipr-gpg LDLo:233 mg/kg AEHLAU 11,201,65
scu-pgn LDLo:30 mg/kg HBAMAK 4,1289,35
* scu-grb LDLo:7500 ug/kg JRMSAS 85,297,65
scu-frg LDLo:30 mg/kg HBAMAK 4,1289,35
° unk-mam LD50:88 mg/kg FMCHA2 -,C41,83

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FOREAE 7,313,42; FCTXAV 9,105,71 43QNAO 2,743,81
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 2,74,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 11,39,76
★ TLV-TWA 50 ug(Cd)/m3;STEL 200 ug(Cd)/m3 DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EV0177000 CADMIUM CHLORIDE, DIHYDRATE
UPDT:8208 MW: 219.34 MOLFM: Cd·Cl2·2H2·O

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T3S orl-mus TDLo:15 mg/kg (5D male) AXVMAW 34,399,80
1T02 itt-mam TDLo:29 ug/kg (1D male) BECTA6 26,233,81

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3;STEL 200 ug(Cd)/m3 DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CADMIUM CHLORIDE (DOT) see: EV0175000

EV0178000 CADMIUM CHLORIDE, HYDRATE (2:5)
UPDT:8406 CAS: 7790-78-5 MW: 228.35 MOLFM: Cd·Cl2·5·2H2·O

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T09 scu-rat TDLo:7 mg/kg (1D male) JOENAK 34,329,66
3T01T02T21 scu-rat TDLo:2 mg/kg (1D male) CCPTAY 27,521,83

TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:7 mg/kg ACLSCP 11,476,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EV0190000 CADMIUM CHLORIDE, MONOHYDRATE
UPDT:8102 CAS: 35658-65-2 MW: 201.32 MOLFM: Cd·Cl2·H2·O

TUMORIGENIC DATA AND REFERENCES:
3V03N60N62 orl-rat TDLo:65 mg/kg/2Y-C CALEDQ 9,191,80

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EV0260000 CADMIUM COMPOUNDS
UPDT:7901

TUMORIGENIC DATA AND REFERENCES:
3V01J12J60 ihl-hmn TCLo:1500 ug/m3/14Y-I ANYAA9 271,273,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: STEVAB 2(4),341,74
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CADMIUM DIACETATE see: EU9810000
CADMIUM DIACETATE MONOHYDRATE see: EU9821000
CADMIUM DIBROMIDE see: EU9935000
CADMIUM DICHLORIDE see: EV0175000
CADMIUM DIETHYL DITHIOCARBAMATE see: EU9850000
CADMIUM DINITRATE see: EV1750000
CADMIUM(II) EDTA COMPLEX see: AH4060000

EV0525000 CADMIUM FLUOBORATE
UPDT:8403 CAS: 14486-19-2 MW: 286.02 MOLFM: B2·Cd·F8
SYN: CADMIUM FLUORBORATE * TL 1026

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg NCNSA6 5,27,53
ihl-mus LCLo:650 mg/m3/10M NDRC** No.9-4-1-19,44

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CADMIUM FLUORBORATE see: EV0525000

EV0700000 CADMIUM FLUORIDE
UPDT:7901 CAS: 7790-79-6 MW: 150.40 MOLFM: Cd·F2
SYN: CADMIUM FLUORURE (French)

TOXICITY DATA AND REFERENCES:
scu-frg LDLo:280 mg/kg CRSBAW 124,133,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

CADMIUM FLUORURE (French) see: EV0700000

EV0875000 CADMIUM FLUOSILICATE
UPDT:7901 CAS: 17010-21-8 MW: 254.49 MOLFM: Cd·F6·Si
SYN: TL 1070

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,27,53
ihl-mus LCLo:670 mg/m3/10M NDRC** No.9-4-1-19,44

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

CADMIUM FUME see: EV1930000
CADMIUM GOLDEN see: EV3180000
CADMIUM GOLDEN 366 see: EV3150000

EV1400000 CADMIUM LACTATE
UPDT:8302 CAS: 16039-55-7 MW: 290.56 MOLFM: C6·H10·O6·Cd
SYN: LACTIC ACID, CADMIUM SALT

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

CADMIUM LEMON see: EV3180000
CADMIUM LEMON YELLOW 527 see: EV3150000
CADMIUM MONOCARBONATE see: FF9320000
CADMIUM MONOTELLURIDE see: EV3330000

EV1750000 CADMIUM NITRATE
UPDT:8412 CAS: 10325-94-7 MW: 236.42 MOLFM: Cd·N2·O6
SYN: CADMIUM DINITRATE * NITRIC ACID, CADMIUM SALT

MUTATION DATA AND REFERENCES:
mrc-bcs 5mmol/L MUREAV 77,109,80

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EV1850000 CADMIUM(II) NITRATE, TETRAHYDRATE (1:2:4)
UPDT:7901 CAS: 10022-68-1 MW: 308.50 MOLFM: N2·O6·Cd·4H2·O
SYN: DUSICNAN KADEMNATY (Czech) * NITRIC ACID, CADMIUM SALT, TETRAHYDRATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,12,72
eye-rbt 20 mg/24H SEV 28ZPAK -,12,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:300 mg/kg 28ZPAK -,12,72

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CADMIUM ORANGE see: EV3150000

EV1925000 CADMIUM OXIDE
UPDT:8412 CAS: 1306-19-0 MW: 128.40 MOLFM: Cd·O
SYN: KADMU TLENEK (Polish) * NCI-C02551

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:90 mg/kg BJCAAI 20,190,66

TOXICITY DATA AND REFERENCES:
2D04M13 ihl-man TCLo:500 ug/m3/5Y-I GJMEA7 38,425,69
3G10H01M30 ihl-man TCLo:40 ug/m3 GISAAA 45(10),22,80
orl-rat LD50:72 mg/kg HYSAAV 33,187,68
ihl-rat LCLo:10 mg/m3 AMPMAR 34,127,73
* ipr-rat LD50:12 mg/kg ZDKAA8 38(9),18,78
ihl-mky LCLo:250 mg/m3 AMPMAR 34,127,73
orl-mam LD50:72 mg/kg HYSAAV 33,187,68

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71; PEXTAR 12,102,69
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 2,74,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 11,39,76
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 2,74,73
★ TLV-TWA 50 ug(Cd)/m3 (Cd-O production) DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74

BEST COPY AVAILABLE

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EV1930000 CADMIUM OXIDE FUME
UPDT:8408 CAS: 1306-19-0 MW: 128.40 MOLFM: Cd-O
SYN: CADMIUM FUME

TOXICITY DATA AND REFERENCES:

	ihl-hmn LCLo:2500 mg/m3	JIHTAB 29,279,47
3J21J22J24	ihl-man TCLo:8630 ug/m3/5H	BJIMAG 23,292,66
	ihl-rat LC50:500 mg/m3/10M	JIHTAB 29,279,47
	ihl-mus LCLo:700 mg/m3/10M	JIHTAB 29,279,47
	ihl-dog LC50:4000 mg/m3/10M	JIHTAB 29,279,47
	ihl-mky LC50:15000 mg/m3/10M	JIHTAB 29,279,47
	ihl-rbt LC50:2500 mg/m3/10M	JIHTAB 29,279,47
	ihl-gpg LC50:3500 mg/m3/10M	JIHTAB 29,279,47

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ANAEA3 35,65,75
★ TLV-CL 50 ug(Cd)/m3 — DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Cd)/m3;CL 300 ug(Cd)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.; see: METHODS 7048 and 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EV2100000 CADMIUM PHOSPHATE
UPDT:7908 CAS: 13477-17-3 MW: 599.22 MOLFM: Cd3-O8-P2 4M2-O
SYN: IL 1182

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:650 mg/m3/10M — NDRC** No.9-4-1-19,44

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 — DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CADMIUM PRIMROSE see: EV3180000
CADMIUM PRIMROSE 819 see: EV3150000
CADMIUM SALT OF 2,4,5 TRIBROMOIMIDAZOLE see: NI8665000

EV2350000 CADMIUM SELENIDE SULFIDE
UPDT:8410 CAS: 12626-36-7
SYN: CADMIUM SULFIDE SELENIDE * CADMIUM SULPHOSELENIDE

TOXICITY DATA AND REFERENCES:
3F11I17U01 orl-mus LD50:2425 mg/kg — GTPZAB 25(2),42,81

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 — DTLVS* 4,361,80
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 — DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) — FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CADMIUM STEARATE see: RG1050000
CADMIUM SUCCINATE see: WM5600000
CADMIUM SULFATE see: EV2700000

EV2700000 CADMIUM SULFATE (1:1)
UPDT:8411 CAS: 10124-36-4 MW: 208.46 MOLFM: O4-S-Cd
SYN: CADMIUM SULFATE * CADMIUM SULPHATE * SULFURIC ACID, CADMIUM(2+) SALT * SULPHURIC ACID, CADMIUM SALT (1:1)

MUTATION DATA AND REFERENCES:

	mrc-bcs 5 mmol/L	MUREAV 77,109,80
	dnd-rat-lvr 30 umol/L	MUREAV 113,357,83
	msc-mus-lym 150 ug/L	JTEHD6 9,367,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-mus TDLo:5150 ug/kg (9D preg)	TJADAB 29,427,84
1T41	ipr-mus TDLo:3 mg/kg (9D preg)	TJADAB 27,54A,83
1T34	ipr-mus TDLo:1030 ug/kg (9D preg)	TJADAB 29,427,84
1T46	ipr-mus TDLo:2570 ug/kg (9D preg)	TJADAB 29,427,84
3I35T43T46	par-mus TDLo:28 ug/kg (12D preg)	IGSBAL 92,65,76
1T59	ipr-ham TDLo:2800 ug/kg (8D preg)	TJADAB 29(2),30A,84
3I25T42T41	ivn-ham TDLo:2 mg/kg (8D preg)	BECTA6 22,175,79
3T46T55T43	ivn-ham TDLo:2 mg/kg (8D preg)	BECTA6 22,175,79
3T41T43T42	ivn-ham TDLo:2 mg/kg (8D preg)	EXPEAM 25,56,69
2I34T55	ivn-ham TDLo:2 mg/kg (8D preg)	ENVRAL 6,95,73

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:7 mg/kg	COREAF 256,1043,63
	orl-dog LDLo:105 mg/kg	EQSSDX 1,1,75
	scu-dog LDLo:27 mg/kg	HBAMAK 4,1317,35
	scu-frg LDLo:105 mg/kg	HBAMAK 4,1317,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADTEAS 5,51,72; FCTXAV 9,105,71; PEXTAR 12,102,69; 43QNAO 2,743,81
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 2,74,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 11,39,76
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 — DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EV2800000 CADMIUM SULFATE, HYDRATE
UPDT:8406 MW: 334.60 MOLFM: O4-S-Cd-xH2-O

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T35T41T42	ipr-rat TDLo:3 mg/kg (9D preg)	SEIJBO 19,113,79
2T46T50	ipr-rat TDLo:3 mg/kg (10D preg)	SEIJBO 19,113,79
1T43	ipr-rat TDLo:3 mg/kg (9D preg)	SEIJBO 19,113,79
1T34	ipr-rat TDLo:1 mg/kg (10D preg)	SEIJBO 19,113,79

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 — DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EV2850000 CADMIUM SULFATE (1:1) HYDRATE (3:8)
UPDT:8408 CAS: 7790-84-3 MW: 256.51 MOLFM: O4-S-Cd-8 3H2-O
SYN: CADMIUM SULFATE OCTAHYDRATE * SULFURIC ACID, CADMIUM SALT, HYDRATE

MUTATION DATA AND REFERENCES:

	dnd-esc 3 umol/L	JOBAAY 133,75,78
	cyt-ham-fbr 10 umol/L/1H	MUREAV 40,125,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T41T42	ivn-ham TDLo:2 mg/kg (8D preg)	TJADAB 21,181,80
3T43T46T53	ivn-ham TDLo:2 mg/kg (8D preg)	TJADAB 21,181,80

TUMORIGENIC DATA AND REFERENCES:

3V02U01V10	scu-rat TDLo:60 mg/kg/2Y-I	AOHYA3 16,111,73
2V03V10	scu-rat TD:15 mg/kg/2Y-I	AOHYA3 16,111,73

TOXICITY DATA AND REFERENCES:

	scu-dog LDLo:27 mg/kg	BSESA3 9,206,76

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 2,74,73
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 — DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CADMIUM SULFATE OCTAHYDRATE see: EV2850000

EV2900000 CADMIUM SULFATE TETRAHYDRATE
UPDT:8401 CAS: 13477-21-9 MW: 280.54 MOLFM: O4-S-Cd-4H2-O
SYN: SULFURIC ACID, CADMIUM SALT, TETRAHYDRATE

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-rat TDLo:20 mg/kg/10W-I	BJCAAI 18,667,64

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 2,74,73
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 — DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40,ug/m3;CL 200 ug/m3/15M — NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EV3150000 CADMIUM SULFIDE
UPDT:8412 CAS: 1306-23-6 MW: 144.46 MOLFM: Cd-S
SYN: AURORA YELLOW * CADMIUM GOLDEN 366 * CADMIUM LEMON YELLOW 527 * CADMIUM PRIMROSE 819 * CADMIUM SULPHIDE * CADMIUM YELLOW * CADMIUM YELLOW 000 * CADMIUM YELLOW CONC DEEP * CADMIUM YELLOW CONC GOLDEN * CADMIUM YELLOW CONC LEMON * CADMIUM YELLOW CONC PRIMROSE * CADMIUM YELLOW OZ DARK * CADMIUM YELLOW PRIMROSE 47-4190 * CADMIUM YELLOW 100 CONC * CADMIUM YELLOW 892 * CADMOPUR GOLDEN YELLOW N * CADMOPUR YELLOW * CAPSEBON * C.I. 77199 * C.I. PIGMENT YELLOW 37 * FERRO LEMON YELLOW * FERRO ORANGE YELLOW * FERRO YELLOW * GREENOCKITE * NCI-C02711

MUTATION DATA AND REFERENCES:

	cyt-hmn-leu 62 ug/L	PJACAW 48,133,72
	dnd-ham-ovr 10 mg/L	CRNGDP 3,657,82

TUMORIGENIC DATA AND REFERENCES:

2V01V10	scu-rat TDLo:90 mg/kg	BJCAAI 20,190,66
2V03V10	ims-rat TDLo:120 mg/kg	BJCAAI 20,190,66
2V03V10	scu-rat TD:135 mg/kg	PBPHAW 14,47,78
3V03P62V10	scu-rat TD:250 mg/kg	NATUAS 198,1213,63

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 2,74,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 11,39,76
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 — DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CADMIUM SULFIDE SELENIDE see: EV2350000

EV3180000 CADMIUM SULFIDE mixed with ZINC SULFIDE (1:1)
UPDT:8408
SYN: 8-3-2h (Russian) * CADMIUM PRIMROSE * CADMIUM LEMON * CADMIUM GOLDEN * C.I. 77205 * C.I. PIGMENT YELLOW 35

TOXICITY DATA AND REFERENCES:

	unk-mam LD50:5800 mg/kg	GTPZAB 24(2),42,80

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 — DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**

BEST COPY AVAILABLE

EV3181000 CADMIUM SULFIDE mixed with ZINC SULFIDE (5:95)
UPDT:8104
SYN: K-82 (Russian)
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:18700 mg/kg — GTPZAB 24(2),42,80
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 — DTLVS* 4,59,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**

EV3182000 CADMIUM SULFIDE mixed with ZINC SULFIDE (8:92)
UPDT:8104
SYN: K-83 (Russian)
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:8600 mg/kg — GTPZAB 24(2),42,80
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 — DTLVS* 4,59,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**

CADMIUM SULPHATE see: EV2700000
CADMIUM SULPHIDE see: EV3150000
CADMIUM SULPHOSELENIDE see: EV2350000

EV3330000 CADMIUM TELLURIDE
UPDT:8110 CAS: 1306-25-8 MW: 240.00 MOLFM: Cd-Te
SYN: CADMIUM MONOTELLURIDE * HRTRAN 6
TOXICITY DATA AND REFERENCES:
3F11F17U01 ipr-rat LD50:2820 mg/kg — GTPZAB 25(2),42,81
3F11F17U01 ipr-mus LD50:2100 mg/kg — GTPZAB 25(2),42,81
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 — DTLVS* 4,59,80
★ TLV-TWA 100 ug(Te)/M3 — DTLVS* 4,386,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CADMIUM, THERMOVACUUM AEROSOL see: AW1980000

EV3400000 CADMIUM-THIONEIN
DEF: Cadmium(II) is bound to the protein Thionein from rat or rabbit liver (BCPCA6 26,25,77)
UPDT:7901 MW: 571.06 MOLFM: C18-H30-N6-O4-S2 Cd
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:280 ug/kg — BCPCA6 26,25,77
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 — DTLVS* 4,59,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M — NTIS**

CADMIUM YELLOW see: EV3150000
CADMIUM YELLOW 000 see: EV3150000
CADMIUM YELLOW 892 see: EV3150000
CADMIUM YELLOW CONC. DEEP see: EV3150000
CADMIUM YELLOW CONC. GOLDEN see: EV3150000
CADMIUM YELLOW CONC. LEMON see: EV3150000
CADMIUM YELLOW CONC. PRIMROSE see: EV3150000
CADMIUM YELLOW 10G CONC see: EV3150000
CADMIUM YELLOW OZ DARK see: EV3150000
CADMIUM YELLOW PRIMROSE 47-4100 see: EV3150000
CADMOPUR GOLDEN YELLOW N see: EV3150000
CADMOPUR YELLOW see: EV3150000
CI-ADO see: AU7357550
CADOX see: DM8575000
CADOX see: EL9450000
CADOX see: ER2450000
CADOX TBH see: EQ4905000
CADOX TBH see: EQ4900000
CADOX TS see: SD7880000
CADOX TS 40,50 see: SD7880000
CADRALAZINA (Spanish) see: MV1720400
CADRALAZINE see: MV1720400
CADUCID see: WR6475000

EV5700000 CAERULEIN DIETHYLAMIDE
UPDT:8403 MW: 1407.70 MOLFM: C62-H82-N14-O20-S2
SYN: CEOSUMIN * CERULEN * CERULETIDE DIETHYLAMINE * TARUS * TYMTRAN
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:714 mg/kg — NIIRDN 6,418,82
* ivn-mus LD50:647 mg/kg — NIIRDN 6,418,82

EV5779000 CAESALPINIA BONDUCELLA Flenn., leaf and stem extract
DEF: Jamaican plant belonging to the family CAESALPINIACEAE (JPPMAB 16,115,64)
UPDT:8403
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg — JPPMAB 16,115,64

EV5779500 CAESALPINIA CORIARIA (Jacq.) Willd., fruit extract
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg — IJEBA6 15,208,77

EV5780000 CAESALPINIA DIGYNA Rottl., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302
SYN: AMLA KUCHI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg — IJEBA6 9,91,71

EV5781000 CAESALPINIA SAPPAN Linn., stem extract
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg — IJEBA6 18,594,80

EV5782000 CAESALPINIA SEPIARIA Roxb., root extract
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 7,250,69)
UPDT:8302
SYN: TARMUS ROOT EXTRACT
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:500 mg/kg — IJEBA6 7,250,69

EV5790000 CAESIUM ARSENATE
UPDT:8108
TOXICITY DATA AND REFERENCES:
3F03F07F23 orl-rat LD50:335 mg/kg — GTPZAB 21(1),29,77
3F03F07F23 orl-mus LD50:116 mg/kg — GTPZAB 21(1),29,77
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M — NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CAF see: AB6825000
CAF see: AM6300000
CAFAMINOL see: EV6566000 CAFFEINE, 8-[(2-HYDROXYETHYL)METHYLAMINO]-
CAFFEARINE see: YF6825000
CAFFEDRIN see: XH5905700
CAFFEIC ACID see: GD8950000

CAFFEIN see: EV6475000

EV6475000 CAFFEINE
UPDT:8412 CAS: 58-08-2 MW: 194.22 MOLFM: C8-H10-N4-O2
SYN: CAFFEIN * COFFEIN (German) * COFFEINE * 3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE * ELDIATRIC C * GUARANINE * METHYLTHEOBROMIDE * NCI-C02733 * NO-DOZ * ORGANEX * 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3,7-TRIMETHYL- * THEIN * THEINE * THEOBROMINE, 1-METHYL- * THEOPHYLLINE, 7-METHYL * 1,3,7-TRIMETHYL-2,6-DIOXOPURINE * 1,3,7-TRIMETHYLXANTHINE * XANTHINE, 1,3,7-TRIMETHYL
MUTATION DATA AND REFERENCES:

	dnr-sat 10 pph	AGACBH 4,286,74
	mmo-esc 6000 ppm/48H	AMNTA4 85,119,51
	dnr-esc 10 pph	AGACBH 4,286,74
	dnd-esc 1000 ppm/3M	MGGEAE 118,373,72
	cni-esc 10 mmol/L	CBINAB 40,141,82
	mmo-bcs 2500 mg/L	MUREAV 117,55,83
	dnr-bcs 1 gm/L	MUREAV 16,165,72
	mmo-klp 2 gm/L	EXPEAM 25,85,69
	mmo-omi 2000 ppm	HEREAY 36,134,50
	mmo-omi 400 mg/L	MUREAV 43,37,77
	dni-omi 2500 mg/L	MGGEAE 150,301,77
	dni-omi 10 mmol/L	CRNGDP 3,151,82
	oms-omi 1 pph	IJEBA6 13,387,75
	dni-omi 30 mmol/L	CRNGDP 3,151,82
	dni-omi 10 mmol/L	CRNGDP 3,151,82
	cyt-omi 5000 ppm	IJEBA6 13,387,75
	cyt-dmg-orl 5000 ppm	GENEA3 44,146,73
	sln-dmg-orl 200 mg	SOGEBZ 7,1042,71
	sln-dmg-par 5000 ppm	AMNTA4 93,135,59
	mrc-smc 10 pph	AGACBH 4,286,74
	mrc-ssp 1000 ppm	MUREAV 26,83,74
	mnt-nml-mul 100 ppm/8D-C	MUREAV 125,275,84
	dnr-hmn:fbr 750 umol/L	ASMACK 75,107,75
	dns-hmn:oth 1 mmol/L	BIOJAU 35,665,81
	dni-hmn:hla 1 mmol/L	RAREAE 37,334,69
	dni-hmn:oth 4 mmol/L	BIOJAU 35,665,81
	oms-hmn:lym 1 mmol/L	MUREAV 15,197,72
	cyt-hmn:leu 100 mg/L	CNREAB 28,2375,68
	cyt-hmn:fbr 2600 umol/L/24H	MUREAV 46,297,77
	cyt-hmn:lym 100 ug/L/24H	MUREAV 48,205,77
	cyt-hmn:emb 50 ppm/24H	IDZAAW 46,337,71
	cyt-hmn:hla 500 mg/L	RBPMB2 10,60,77
	sce-hmn:lym 1 mmol/L	HEREAY 91,135,79
	otr-rat:emb 320 ug/plate	JJATDK 1,190,81
	spm-rat-orl 5000 ppm	JEPTDQ 2(3),687,79
	slt-mus-ipr 35 mg/kg	ENMUDM 1,120,79
	dnd-mus-ipr 100 mg/kg	ARTODN (Suppl 5),355,82
	d,d-mus:lym 1500 umol/L	MUREAV 26,73,74
	dnd-mus:fbr 1500 umol/L	MUREAV 26,73,74
	cyt-mus-ivn 50 mg/kg	MUREAV 60,329,79
	cyt-mus:ast 7700 umol/L	PHARAT 32,178,77
	cyt-mus:lym 100 mg/L	ENMUDM 5,383,83
	sce-mus-ivn 50 mg/kg	MUREAV 60,329,79
	sce-mus-orl 3 gm/kg/5D-C	MUREAV 122,347,83
	dlt-mus-orl 2520 mg/kg/W-C	DMWOAX 92,2315,67
	msc-mus:lym 100 mg/L	ENMUDM 5,383,83
	otr-ham:emb 125 mg/L	CBINAB 13,105,76
	dnd-ham:lng 1500 umol/L	MUREAV 26,73,74
	dni-ham:lng 1 mmol/L	CNREAB 33,2444,73
	cyt-ham:lng 20 mmol/L	HEREAY 69,35,71
	cyt-ham:oth 25 mmol/L/2H-C	MUREAV 12,463,71
	cyt-ham:fbr 1 gm/L	ESKHA5 96,55,78
	sce-ham-orl 600 mg/kg	EXPEAM 38,600,82
	msc-ham:ovr 6000 mg/L/16H	JCLLAX 74,245,69
	cyt-ckn:fbr 25 mmol/L	NATWAY 59,277,72
	dnd-mam:lym 100 mmol/L	PNASA6 48,686,62
	dni-mam:lym 10 mmol/L	CRNGDP 3,151,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T43T46	orl-wmn TDLo:6750 mg/kg (1-39W preg)	LANCAO 1,1415,81
2T16T71	orl-wmn TDLo:3276 mg/kg (1-39W preg)	POMDAS 62(3),64,77
1T27	orl-wmn TDLo:102 mg/kg (1-91D preg)	POMDAS 62(3),64,77
2T83T87	orl-rat TDLo:627 mg/kg (1-22D preg)	EXPEAM 36,1105,80
3T25T46T50	orl-rat TDLo:1750 mg/kg (8-14D preg)	TXAPA9 22,449,72
2T31T34	orl-rat TDLo:200 mg/kg (13-14D preg)	TJADAB 26(3),84,82
2T48T55	orl-rat TDLo:1750 mg/kg (15-21D preg)	TXAPA9 22,449,72
3T22T53T76	orl-rat TDLo:660 mg/kg (1-22D preg)	TXAPA9 44,1,78
1T46	orl-rat TDLo:1500 mg/kg (6-20D preg)	TJADAB 26(3),214,82
3T25T26T34	ipr-rat TDLo:420 mg/kg (1-21D preg)	JRPFA4 34,495,73
2T41T42	ipr-rat TDLo:75 mg/kg (12D preg)	TJADAB 25,95,82
1T75	scu-rat TDLo:200 mg/kg (4D male)	PCBRD2 36,49,80
1T34	ivn-rat TDLo:37500 ug/kg (11D preg)	TJADAB 25(2),54A,82
1T81	orl-mus TDLo:1 gm/kg (8-12D preg)	JTEMD6 10,541,82
1T46	orl-mus TDLo:650 mg/kg (6-18D preg)	CRSBAW 159,2199,65
3T41T43T46	orl-mus TDLo:1650 mg/kg (6-16D preg)	TXCYAC 23,57,82
2T25T34	orl-mus TDLo:1650 mg/kg (6-16D preg)	TXCYAC 23,57,82
1T59	orl-mus TDLo:2691 mg/kg (5-18D preg)	TXCYAC 23,57,82
1T35	ipr-mus TDLo:250 mg/kg (10D preg)	KAIZAN 36,521,61

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

2T25T59 ipr-mus TDLo:500 mg/kg (11-12D preg) TJADAB 28,427,83
3T25T34T43 ipr-mus TDLo:200 mg/kg (12D preg) JJPAAZ 19,134,69
2T46T59 ipr-mus TDLo:200 mg/kg (12D preg) JJPAAZ 19,134,69
3T25T34T43 scu-mus TDLo:200 mg/kg (12D preg) JJPAAZ 19,134,69
3T43T46T59 scu-mus TDLo:150 mg/kg (13D preg) TJADAB 12,79,75
2T25T26 scu-mus TDLo:150 mg/kg (13D preg) TJADAB 12,79,75
1T50 scu-mus TDLo:400 mg/kg (13D preg) FOMOAJ 29,316,70
2T43T59 ivn-mus TDLo:200 mg/kg (13D preg) JJPAAZ 26,751,76
1T73 orl-ham TDLo:8160 mg/kg (60D male) JRPFA4 43,141,75

TOXICITY DATA AND REFERENCES:

1F12 ivn-hmn TDLo:7 mg/kg APTOA6 15,331,59
2F12H01 ivn-wmn LDLo:57 mg/kg APTOA6 15,331,59
orl-hmn LDLo:192 mg/kg JNDRAK 5,252,65
orl-chd LDLo:320 mg/kg FNSCA6 3,275,74
1K13 orl-wmn LDLo:1000 mg/kg BIBUBX -,6,73
1F23 orl-inf TDLo:14700 ug/kg CLBIAS 10,148,77
3F07F11F19 ivn-inf TDLo:68 mg/kg AJDCAI 134,495,80
2F11F19 ims-inf TDLo:36 mg/kg AJDCAI 134,495,80
orl-rat LD50:192 mg/kg JNDRAK 5,252,65
ipr-rat LD50:260 mg/kg ZERNAL 15,64,76
scu-rat LDLo:250 mg/kg AEPPAE 187,607,37
ivn-rat LD50:105 mg/kg JPETAB 82,89,44
1K12 orl-mus LD50:127 mg/kg TXAPA9 44,1,78
3F17F43M10 ipr-mus LD50:168 mg/kg CPBTAL 22,1459,74
* scu-mus LD50:320 mg/kg USXXAM #3094531
scu-mus LDLo:180 mg/kg AEPPAE 166,437,32
ivn-mus LD50:68 mg/kg TXAPA9 23,537,72
* orl-dog LD50:140 mg/kg NIIRDN 6,174,82
* scu-dog LD50:100 mg/kg NIIRDN 6,174,82
ivn-dog LDLo:4 mg/kg HBAMAK 4,1335,35
orl-cat LDLo:100 mg/kg HBAMAK 4,1335,35
ipr-cat LDLo:180 mg/kg HBAMAK 4,1335,35
scu-cat LDLo:150 mg/kg HBAMAK 4,1335,35
ivn-cat LDLo:80 mg/kg HBAMAK 4,1335,35
1K12 orl-rbt LD50:224 mg/kg TXAPA9 44,1,78
ipr-rbt LDLo:150 mg/kg HBAMAK 4,1335,35
scu-rbt LDLo:275 mg/kg JPETAB 1,572,10
ivn-rbt LDLo:80 mg/kg HBAMAK 4,1335,35
ims-rbt LDLo:200 mg/kg JPETAB 1,572,10
orl-gpg LDLo:280 mg/kg HBAMAK 4,1335,35
ipr-gpg LDLo:220 mg/kg HBAMAK 4,1335,35
scu-gpg LDLo:200 mg/kg HBAMAK 4,1335,35
1K12 orl-ham LD50:230 mg/kg TXAPA9 44,1,78
scu-pgn LDLo:140 mg/kg JPETAB 1,572,10
* scu-frg LDLo:120 mg/kg APTOA6 15,331,59
par-frg TDLo:800 mg/kg AEPPAE 166,437,32

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JIMRBV 2,359,74; CRTXB2 3(3),345,75; JRPMAP 12(1),27,74; CLPTAT 5,480,64; 32XPAD -,49,75; ADVPA3 4,263,66; FNSCA6 2,67,73

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CAFFEINE, 8-((2-DIMETHYLAMINOETHYL)AMINO)-, METHIODIDE see: 8Q2702020

EV6565000 CAFFEINE, 8-(2-HYDROXYETHYLAMINO)-

UPDT:8408 CAS: 6320-10-1 MW: 253.30 MOLFM: C10-H15-N5-O3
SYN: N-beta-(CAFFEINO-(8))-AMINOETHANOL * G-5 * 8-(2-HYDROXYETHYLAMINO)CAFFEINE * 8-(beta-OXYAETHYL)-AMINOCOFFEIN (German)

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:1200 mg/kg GWXXBX #1085530

EV6566000 CAFFEINE, 8-((2-HYDROXYETHYL)METHYLAMINO)-

UPDT:8408 CAS: 30924-31-3 MW: 267.33 MOLFM: C11-H17-N5-O3
SYN: CAFAMINOL * beta-(CAFFEINO-(8))-beta-METHYLAMINOETHANOL * 3,7-DIHYDRO-8-((2-HYDROXYETHYL)METHYLAMINO)-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE * G-1 * 8-((2-HYDROXYETHYL)METHYLAMINO)CAFFEINE * METHYLCOFFANOLAMINE * 8-(beta-OXYAETHYL)-METHYLAMINOCOFFEIN (German) * 8-(beta-OXYETHYL)-METHYLAMINOCAFFEINE * RHINETTEN * RHINOPTIL

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:700 mg/kg GWXXBX #1085530

EV6568500 CAFFEINE, 8-((beta-HYDROXY-alpha-METHYLPHENETHYL)AMINO)-

UPDT:8408 MW: 343.43 MOLFM: C17-H21-N5-O3
SYN: G-4 * 8-((beta-HYDROXY-alpha-METHYLPHENETHYL)AMINO)CAFFEINE * 1-PHENYL-2-(CAFFEINO-(8))-AMINOPROPANOL-(1) * 8-(beta-PHENYL beta-OXYISOPROPYL)AMINOCOFFEIN (German)

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:650 mg/kg GWXXBX #1085530

EV6569000 CAFFEINE, 8-((2-HYDROXYPROPYL)AMINO)-

UPDT:8408 MW: 267.33 MOLFM: C11-H17-N5-O3
SYN: N-gamma-(CAFFEINO-(8))-AMINOPROPANOL-(1) * G-90 * 8-((2-HYDROXYPROPYL)AMINO)CAFFEINE * 8-(beta-OXYPROPYL)-AMINOCOFFEIN (German)

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:1900 mg/kg GWXXBX #1085530

EV6569500 CAFFEINE, 8-((3-HYDROXYPROPYL)AMINO)-

UPDT:8408 MW: 267.33 MOLFM: C11-H17-N5-O3
SYN: N-gamma-(CAFFEINO-(8))-AMINOPROPANOL-(2) * G-90a * 8-((3-HYDROXYPROPYL)AMINO)CAFFEINE * 8-(gamma-OXYPROPYL)-AMINOCOFFEIN (German)

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:1800 mg/kg GWXXBX #1085530

EV6579000 CAFFEINE, 8-((3-METHOXYPROPYL)AMINO)-

UPDT:8408 MW: 281.36 MOLFM: C12-H19-N5-O3
SYN: G-100 * 8-((3-METHOXYPROPYL)AMINO)CAFFEINE * 8-(gamma-METHOXYPROPYL)-AMINOCOFFEIN (German)

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:1600 mg/kg GWXXBX #1085530

EV6640000 CAFFEINE and SODIUM BENZOATE

UPDT:8408 MW: 336.33 MOLFM: C8-H10-N4-O2 · C7-H5-Na-O2
SYN: SODIUM BENZOATE and CAFFEINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T21 ipr-rat TDLo:20 mg/kg (1D male) SCIEAS 127,84,58

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:860 mg/kg 85GMAT -,31,82
* ipr-mus LD50:690 mg/kg KHFZAN 11(9),110,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-beta-(CAFFEINO-(8))-AMINOETHANOL see: EV6565000 CAFFEINE, 8-(2-HYDROXYETHYLAMINO)-
N-gamma-(CAFFEINO-(8))-AMINOPROPANOL-(1) see: EV6569000 CAFFEINE, 8-((2-HYDROXYPROPYL)AMINO)-
N-gamma-(CAFFEINO-(8))-AMINOPROPANOL-(2) see: EV6569500 CAFFEINE, 8-((3-HYDROXYPROPYL)AMINO)-
beta-(CAFFEINO-(8))-beta-METHYLAMINOETHANOL see: EV6566000 CAFFEINE, 8-((2-HYDROXYETHYL)METHYLAMINO)-
3-CAFFEOYLQUINIC ACID see: GU8480000
3-O-CAFFEOYLQUINIC ACID see: GU8480000
CAFRON see: DD2800000
CAID see: NK5335000
CAIROMYCIN A see: TK7886700
CAIROX see: SD6475000
CAJEPUTENE see: OS8100000
CAJEPUT OIL see: RI6825000
CAJEPUTOL see: OS9275000
C(sub 3)AL see: KE2940000
C(sub 4)AL see: KE2800000
C(sub 5)AL see: KE2860000
C(sub 6)AL see: KE2840000
C(sub 7)AL see: KE2820000
CAKE ALUM see: BD1700000
CAKRI EXTRACT (Indian) see: FI0440000

EV7240000 CALADIUM BICOLOR (Ait.) Vent., leaf extract

UPDT:8408

TOXICITY DATA AND REFERENCES:

* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76

CALAMINE see: ZH4810000
CALAMINE (spray) see: ZH4810000
CALAMUS OIL see: RI7000000

EV7355000 CALAMUS THWAITESII Becc. ex. Hook. f., extract excluding roots

DEF: Indian plant belonging to the family PALMACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:

1H30 ipr-mus LD50:125 mg/kg IJEBA6 15,208,77

CALAN see: YV8320000
CALAR see: PA1800000

EV7450000 CALATROPIS GIGANTEA, liquid extract

DEF: Plant having an antifertility effect (JRPFA4 38,234,74)
UPDT:8403
SYN: LATEX of CALATROPIS GIGANTEA

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27 orl-rat TDLo:70 gm/kg (9-22D preg) JRPFA4 38,234,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CAL CHEM 5655 see: FB5075000
CALCIA see: EW3100000
CALCIATE(2-), ((ETHYLENEDINITRILO)TETRAACETATO)-, DIHYDROGEN (8CI) see: AH4080000

EV7700000 CALCIATE(2-), ((ETHYLENEDINITRILO)TETRAACETATO)-, DISODIUM

UPDT:8408 CAS: 62-33-9 MW: 374.30 MOLFM: C10-H12-Ca-N2-O8-2Na
SYN: ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, CALCIUM DISODIUM SALT * ANTALIN * CALCIUM DISODIUM EDETATE * CALCIUM DISODIUM EDTA * CALCIUM DISODIUM ETHYLEDIAMINETETRAACETATE * CALCIUM DISODIUM (ETHYLENEDINITRILO)TETRAACETATE * CALCIUM DISODIUM VERSENATE * EDATHAMIL CALCIUM DISODIUM * ETHYLENEDIAMINETETRAACETIC ACID, CALCIUM DISODIUM CHELATE * MOSATIL * RIKELATE CALCIUM

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:10 gm/kg TXAPA9 5,142,63
ipr-rat LD50:3850 mg/kg JPETAB 117,20,56
ivn-rat LD50:3000 mg/kg CLDND*
ipr-mus LD50:4500 mg/kg CLDND*
orl-dog LD50:12 gm/kg TXAPA9 5,142,63
orl-rbt LD50:7000 mg/kg TXAPA9 5,142,63
* ivn-rbt LDLo:4 gm/kg FEPRA7 11,321,52

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

CALCICAT see: EV8040000

EV7800000 CALCIDRINE

UPDT:8401
SYN: CALCIDRINE SYRUP

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T52T77 orl-wmn TDLo:2824 mg/kg (1-39W preg) LANCAO 1,1241,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CALCIDRINE SYRUP see: EV7800000
CALCIFEROL see: KE1050000
CALCIFERON 2 see: KE1050000
CALCINED BARYTA see: CQ9800000
CALCINED BRUCITE see: OM3850000
CALCINED DIATOMITE see: VV7325000
CALCINED MAGNESIA see: OM3850000
CALCINED MAGNESITE see: OM3850000
CALCINED SODA see: WC4800000
CALCIOPEN K see: XH9275000
CALCIPAS see: VO1470000
CALCIRETARD see: CI9120000
CALCITRIOL see: FZ4645000

EV8040000 CALCIUM

UPDT:8404 CAS: 7440-70-2 MW: 40.08 MOLFM: Ca
SYN: CALCICAT * CALCIUM pyrophoric (DOT) * CALCIUM, METAL CRYSTALLINE (DOT) * CALCIUM, METAL (DOT) * NA 1401 (DOT) * UN 1401 (DOT) * UN 1855 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7020 and 7300
REPORTED IN EPA TSCA INVENTORY, 1983

CALCIUM ACETARSONE see: CF8575000
CALCIUM ACID METHANEARSONATE see: PA1800000
CALCIUM ACID METHYL ARSONATE see: PA1800000
CALCIUM ACRYLATE, MONOHYDRATE see: UD3325000
CALCIUM AMINOSALICYLATE see: VO1470000
CALCIUM 4-AMINOSALICYLATE see: VO1470000
CALCIUM p-AMINOSALICYLATE see: VO1470000
CALCIUM AMPHOMYCIN see: RU2275000
CALCIUMARSENAT see: CG0830000
CALCIUM ARSENATE see: CG0830000
CALCIUM ARSENATE, SOLID (DOT) see: CG0830000
CALCIUM ARSENITE see: CG3380000
CALCIUM ARSENITE, SOLID (DOT) see: CG3380000
CALCIUM ASPARTATE see: CI9120000
CALCIUM L-ASPARTATE see: CI9120000
CALCIUM BARIUM TITANATE see: CQ8580000
CALCIUM o-BENZOSULFIMIDE see: DE4250000
CALCIUM o-BENZOSULPHIMIDE see: DE4250000
CALCIUM 2-BENZOSULPHIMIDE see: DE4250000

EV9290000 CALCIUM BISULFITE
UPDT:8312 CAS: 13780-03-5 MW: 204.24 MOLFM: Ca 2H2 O3 S
SYN: CALCIUM BISULFITE SOLUTION (DOT) * CALCIUM HYDROGEN SULFITE SOLUTION (DOT) * CALCIUM HYDROSULPHITE (DOT) * NA 2693 (DOT) * UN 1923 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CALCIUM BISULFITE SOLUTION (DOT) see: EV9290000

EV9328000 CALCIUM BROMIDE
UPDT:8408 CAS: 7789-41-5 MW: 199.90 MOLFM: Br2 Ca
SYN: CALCIUM DIBROMIDE

MUTATION DATA AND REFERENCES:
cyt-rat/ast 2300 mg/kg — GANNA2 54,155,63

TOXICITY DATA AND REFERENCES:
3D17F05F19 ipr-rat LD50:437 mg/kg — OYYAA2 16,229,78
3F05F19J25 ipr-mus LD50:740 mg/kg — OYYAA2 16,229,78
* scu-mus LD50:1580 mg/kg — OYYAA2 20,693,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CALCIUM CARAGEENIN see: FI0705000
CALCIUM DL-N-CARBAMOYLASPARTATE see: CI9150000

EV9400000 CALCIUM CARBIDE
UPDT:8404 CAS: 75-20-7 MW: 64.10 MOLFM: C2 Ca
SYN: CALCIUM CARBIDE (DOT) * UN 1402 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CALCIUM CARBIDE (DOT) see: EV9400000
CALCIUM CARBIMIDE see: GS6000000

EV9580000 CALCIUM(II) CARBONATE (1:1)
UPDT:8408 CAS: 1317-65-3 MW: 100.09 MOLFM: C O3 Ca
SYN: AGRICULTURAL LIMESTONE * AGSTONE * BELL MINE PULVERIZED LIMESTONE * CHALK * DOMOLITE * FRANKLIN * LIMESTONE * LITHOGRAPIC STONE * MARBLE * NATURAL CALCIUM CARBONATE * PORTLAND STONE * SOHNHOFEN STONE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CALCIUM CARRAGEENAN see: FI0705000
CALCIUM CARRAGHEENATE see: FI0705000
CALCIUM TRISODIUM CHEL 330 see: MB8210000
CALCIUM CHLORATE see: FN9800000
CALCIUM CHLORATE (DOT) see: FN9800000
CALCIUM CHLORATE, aqueous solution (DOT) see: FN9800000

EV9800000 CALCIUM CHLORIDE
UPDT:8412 CAS: 10043-52-4 MW: 110.98 MOLFM: Ca Cl2
SYN: CALPLUS * CALTAC * DOWFLAKE * LIQUIDOW * PELADOW * SNOMELT * SUPERFLAKE ANHYDROUS

MUTATION DATA AND REFERENCES:
dns-rat-ipr 2500 umol/kg — JOENAK 65,45,75
cyt-rat/ast 3500 mg/kg — GANNA2 54,155,63

TUMORIGENIC DATA AND REFERENCES:
2V03N62 orl-rat TDLo:112 gm/kg/20W-C — AJCAA7 23,550,35

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg — CNJMAQ 12,216,48
* ipr-rat LD50:264 mg/kg — OYYAA2 14,963,77
* scu-rat LD50:2630 mg/kg — OYYAA2 14,963,77
ivn-rat LDLo:161 mg/kg — JLCMAK 15,35,29
ims-rat LD50:25 mg/kg — EMSUAB 4,223,46
* orl-mus LD50:1940 mg/kg — OYYAA2 14,963,77
ipr-mus LD50:280 mg/kg — COREAF 256,1043,63
* scu-mus LD50:823 mg/kg — OYYAA2 14,963,77
ivn-mus LD50:42 mg/kg — TXAPA9 22,150,72
ipr-dog LDLo:110 mg/kg — AVERAG 44,555,37
scu-dog LDLo:274 mg/kg — HBAMAK 4,1316,35
ivn-dog LDLo:274 mg/kg — HBAMAK 4,1316,35
scu-cat LDLo:249 mg/kg — HBAMAK 4,1316,35
ivn-cat LDLo:249 mg/kg — HBAMAK 4,1316,35
orl-rbt LDLo:1384 mg/kg — HBAMAK 4,1316,35
scu-rbt LDLo:472 mg/kg — HBAMAK 4,1316,35
ivn-rbt LDLo:274 mg/kg — HBAMAK 4,1316,35
scu-frg LDLo:666 mg/kg — HBAMAK 4,1316,35

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CALCIUM CHLORIDE with STREPTOMYCIN (1:1) see: WK4800000

EV9850000 CALCIUM CHLORITE
UPDT:8308 CAS: 14674-72-7 MW: 174.98 MOLFM: Ca Cl2 O4
SYN: CALCIUM CHLORITE (DOT) * UN 1453 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER — CFRGBR 49,172.101,82

CALCIUM CHLORITE (DOT) see: EV9850000
CALCIUM CHLOROHYDROCHLORITE see: NH3485000
CALCIUM CHROMATE see: GB2750000
CALCIUM CHROMATE (DOT) see: GB2750000
CALCIUM CHROMATE (VI) see: GB2800000
CALCIUM CHROMATE (VI) see: GB2750000
CALCIUM CHROME YELLOW see: GB2800000
CALCIUM CHROME YELLOW see: GB2750000
CALCIUM CHROMIUM OXIDE (CaCr04) see: GB2750000
CALCIUM CYANAMID see: GS6000000
CALCIUM CYANAMIDE see: GS6000000
CALCIUM CYANAMIDE, not hydrated (containing more than 0.1% CALCIUM CARBIDE) (DOT) see: GS6800000

EW0700000 CALCIUM CYANIDE
UPDT:8406 CAS: 592-01-8 MW: 92.12 MOLFM: C2 Ca N2
SYN: CALCIUM CYANIDE, SOLID (DOT) * CALCYANIDE * CYANOGAS * CYANURE DE CALCIUM (French) * RCRA WASTE NUMBER P021 * UN 1575 (DOT)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:39 mg/kg — AIHAAP 30,470,69

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CYANIDE SALTS recm std-air:CL 5 mg(CN)/m3/10M — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EW0710000 CALCIUM CYANIDE (mixture)
UPDT:8308
SYN: CALCIUM CYANIDE MIXTURE, SOLID (DOT) * UN 1575 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B, LABEL:POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CYANIDE SALTS recm std-air:CL 5 mg(CN)/m3/10M — NTIS**

CALCIUM CYANIDE MIXTURE, SOLID (DOT) see: EW0710000
CALCIUM CYANIDE, SOLID (DOT) see: EW0700000
CALCIUM CYCLAMATE see: GV7100000
CALCIUM CYCLOBARBITAL see: CQ2980000
CALCIUM CYCLOBARBITONE see: CQ2980000
CALCIUM CYCLOHEXANESULFAMATE see: GV7100000
CALCIUM CYCLOHEXANE SULPHAMATE see: GV7100000
CALCIUM CYCLOHEXYLSULFAMATE see: GV7100000
CALCIUM CYCLOHEXYLSULPHAMATE see: GV7100000
CALCIUM DIBROMIDE see: EV9328000
CALCIUM DIETHYLENETRIAMINEPENTAACETIC ACID see: MB8205500
CALCIUM DIFLUORIDE see: EW1760000
CALCIUM D-(-)-4-(2,4-DIHYDROXY-3,3-DIMETHYLBUTYRAMIDE)BUTYRATE HEMIHYDRATE see: ES9575000
CALCIUM D(-)-N-(alpha,gamma-DIHYDROXY-beta,beta-DIMETHYLBUTYRYL)-beta-ALANINATE see: RU4375000
CALCIUM DIPA see: MB8205500
CALCIUM DIPERCHLORATE see: SC7600000
CALCIUM DISODIUM EDETATE see: EV7700000
CALCIUM DISODIUM EDTA see: EV7700000
CALCIUM DISODIUM ETHYLEDIAMINETETRAACETATE see: EV7700000
CALCIUM DISODIUM (ETHYLENEDINITRILO)TETRAACETATE see: EV7700000
CALCIUM DISODIUM VERSENATE see: EV7700000
CALCIUM DOBESILATE see: DB6127000
CALCIUM DODECYLBENZENESULFONATE see: DB6620000
CALCIUM n-DODECYLBENZENESULFONATE see: DB6620000
CALCIUM DODECYLBENZENESULFONATE (DOT) see: DB6620000
CALCIUM, pyrophoric (DOT) see: EV8040000
CALCIUM EDTA COMPLEX see: AH4080000

EW1760000 CALCIUM FLUORIDE
UPDT:8408 CAS: 7789-75-5 MW: 78.08 MOLFM: Ca F2
SYN: ACID SPAR * CALCIUM DIFLUORIDE * FLUORITE (9CI) * FLUORSPAR * IRTRAN 3 * LIPARITE * ROTSPAR

MUTATION DATA AND REFERENCES:
cyt-rat/ast 1 gm/kg — GANNA2 54,155,63

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-mus TDLo:3200 mg/kg (9D preg) — DZZEA7 34,124,79
1T59 ipr-mus TDLo:67200 mg/kg (1-21D preg) — DZZEA7 34,484,79

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4250 mg/kg — VAMNAQ (2),28,77
* ipr-mus LD50:2638 mg/kg — DZZEA7 34,484,79

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FERFAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CALCIUM FLUOSILICATE see: EW4025000
CALCIUM FOSFOMYCIN see: SZ7895000

EW2100000 CALCIUM GLUCONATE
UPDT:8406 CAS: 299-28-5 MW: 430.42 MOLFM: C12-H22-O14 Ca
SYN: GLUCONATE DE CALCIUM (French)

TOXICITY DATA AND REFERENCES:
2R03U25 ims-inf TDLo:143 mg/kg — JAMAAP 129,347,45
ims-inf LDLo:10 gm/kg — JAMAAP 129,347,45
* ivn-rat LD50:950 mg/kg — NIIRDN 6,226,82
* scu-mus LD50:2890 mg/kg — JAPMA8 45,47,56
* ivn-mus LD50:1210 mg/kg — JAPMA8 45,47,56
ipr-dog LDLo:1100 mg/kg — AVERAG 44,555,37
ivn-gpg LDLo:1810 mg/kg — AIPTAK 191,44,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CALCIUM HEXAFLUOROSILICATE see: EW4025000
CALCIUM HOPANTENATE HEMIHYDRATE see: ES9575000
CALCIUM HYDRATE see: EW2800000

EW2440000 CALCIUM HYDRIDE
UPDT:8312 CAS: 57308-10-8
SYN: CALCIUM HYDRIDE (DOT) * UN 1404 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET — CFRGBR 49,172.102,83

CALCIUM HYDRIDE (DOT) see: EW2440000
CALCIUM HYDROGEN METHANEARSONATE see: PA1800000
CALCIUM HYDROGEN SULFITE SOLUTION (DOT) see: EV9290000
CALCIUM HYDROSULPHITE (DOT) see: EV9290000

EW2800000 CALCIUM HYDROXIDE
UPDT:8407 CAS: 1305-62-0 MW: 74.10 MOLFM: Ca H2 O2
SYN: BELL MINE * CALCIUM HYDRATE * HYDRATED LIME * KEMIRAL * LIME WATER * SLAKED LIME

MUTATION DATA AND REFERENCES:
cyt-rat/ast 1200 mg/kg — GANNA2 54,155,63

TOXICITY DATA AND REFERENCES:
orl-rat LD50:7340 mg/kg — AIHAAP 30,470,69

REVIEW AND REFERENCES:
★ TLV-TWA 5 mg/m3 — DTLVS* 4,62,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CALCIUM HYPOCHLORATE, hydrated, contains 5.5% to 10% water (DOT) see: NH3465000
CALCIUM HYPOCHLORIDE see: NH3485000
CALCIUM HYPOCHLORITE, hydrated (DOT) see: NH3485700
CALCIUM HYPOCHLORITE see: NH3485000
CALCIUM HYPOCHLORITE mixture, dry (containing more than 39% available CHLORINE) (DOT) see: NH3485500

EW2925400 CALCIUM IONOPHORE A23187
UPDT:8310

MUTATION DATA AND REFERENCES:
dni-rat-oth 1 umol/L — BEXBAN 94,1455,82

EW2928000 CALCIUM MANGANESE SILICON
UPDT:8312
SYN: CALCIUM MANGANESE SILICON (DOT) * UN 2844 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET — CFRGBR 49,172.102,83

BEST COPY AVAILABLE

CALCIUM MANGANESE SILICON (DOT) see: EW2928000
CALCIUM, METAL, CRYSTALLINE (DOT) see: EV8040000
CALCIUM, METAL (DOT) see: EV8040000
CALCIUM METHANEARSONATE see: PA1800000
CALCIUM METHIONATE see: PA9050000

EW2975000 CALCIUM MOLYBDATE
UPDT 7908 CAS: 7789-82-4 MW: 200.02 MOLFM: Mo-O4 Ca
TOXICITY DATA AND REFERENCES:
orl-rat LD50:101 mg/kg 28ZLAB -,214,61
ipr-rat LD50:208 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg(Mo)/m3;STEL 20 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air;TWA 15 mg(Mo)/m3 (SCP-O) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CALCIUM MONOCHROMATE see: GB2750000

EW2985000 CALCIUM(II) NITRATE (1:2)
UPDT 8308 CAS: 10124-37-5 MW: 164.10 MOLFM: N2-O6 Ca
SYN: CALCIUM NITRATE (DOT) * UN 1454 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-OXIDIZER; LABEL-OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CALCIUM NITRATE (DOT) see: EW2985000
CALCIUM ORTHOARSENATE see: CG0830000

EW3100000 CALCIUM OXIDE
UPDT 8404 CAS: 1305-78-8 MW: 56.08 MOLFM: Ca-O
SYN: BURNT LIME * CALCIA * CALCIUM OXIDE (DOT) * CALX * LIME * LIME, BURNED * LIME, UNSLAKED (DOT) * OXYDE DE CALCIUM (French) * QUICKLIME * QUICKLIME (DOT) * UN 1910 (DOT) * WAPNIOWY TLENEK (Polish)
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg/m3 DTLVS* 4,63,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air;TWA 5 mg/m3 (SCP-N) FEREAC 39,23540,74
★ DOT-HAZARD-ORM-B; LABEL-NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CALCIUM OXIDE (DOT) see: EW3100000
CALCIUM OXYCHLORIDE see: NH3485000
CALCIUM PANTHOTHENATE see: RU4375000
CALCIUM PANTOTHENATE see: RU4375000
CALCIUM d-PANTOTHENATE see: RU4375000
d-CALCIUM PANTOTHENATE see: RU4375000
CALCIUM PENICILLIN see: RY5250000
CALCIUM PERCHLORATE see: SC7600000
CALCIUM PERCHLORATE (DOT) see: SC7600000

EW3860000 CALCIUM PERMANGANATE
UPDT 8308 CAS: 10118-76-0 MW: 277.96 MOLFM: Mn2-O8 Ca
SYN: CALCIUM PERMANGANATE (DOT) * UN 1456 (DOT)
REVIEW AND REFERENCES:
★ TLV-CL 5 mg(Mn)/m3 DTLVS* 4,250,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD-OXIDIZER; LABEL-OXIDIZER CFRGBR 49,172.101,82
CALCIUM PERMANGANATE (DOT) see: EW3860000

EW3865000 CALCIUM PEROXIDE
UPDT 8308 CAS: 1305-79-9 MW: 72.08 MOLFM: Ca-O2
SYN: CALCIUM PEROXIDE (DOT) * UN 1457 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-OXIDIZER; LABEL-OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CALCIUM PEROXIDE (DOT) see: EW3865000
CALCIUM 2-(m-PHENOXYPHENYL)PROPIONATE DIHYDRATE see: CY1678900

EW3870000 CALCIUM PHOSPHIDE
UPDT 8404 CAS: 1305-99-3 MW: 182.18 MOLFM: Ca3-P2
SYN: CALCIUM PHOSPHIDE (DOT) * UN 1360 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-FLAMMABLE SOLID; LABEL-FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CALCIUM PHOSPHIDE (DOT) see: EW3870000
CALCIUM PHOSPHONOMYCIN see: SZ7895000
CALCIUM PROPANEARSONATE see: TX2800000
CALCIUM PROPYL ARSONATE see: TX2800000

EW3970000 CALCIUM RESINATE
UPDT 8401 CAS: 9007-13-0
SYN: CALCIUM RESINATE (DOT) * CALCIUM RESINATE, technically pure (DOT) * CALCIUM RESINATE, FUSED (DOT) * LIMED ROSIN * UN 1313 (DOT) * UN 1314 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-FLAMMABLE SOLID; LABEL-FLAMMABLE SOLID CFRGBR 49,172.101,82
★ DOT-HAZARD-FLAMMABLE SOLID; LABEL-FLAMMABLE SOLID, fused CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CALCIUM RESINATE (DOT) see: EW3970000
CALCIUM RESINATE, technically pure (DOT) see: EW3970000
CALCIUM RESINATE, FUSED (DOT) see: EW3970000
CALCIUM SACCHARIN see: DE4250000
CALCIUM SACCHARINA see: DE4250000
CALCIUM SACCHARINATE see: DE4250000

EW4010000 CALCIUM SILICIDE
UPDT 8404 CAS: 12737-18-7
SYN: CALCIUM SILICIDE (DOT) * CALCIUM SILICON, powder (DOT) * UN 1405 (DOT) * UN 1406 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-FLAMMABLE SOLID; LABEL-FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
CALCIUM SILICIDE (DOT) see: EW4010000

EW4025000 CALCIUM SILICOFLUORIDE
UPDT 7908 CAS: 16925-39-6 MW: 182.17 MOLFM: Ca-F6-Si
SYN: CALCIUM FLUOSILICATE * CALCIUM HEXAFLUOROSILICATE
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air;TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT, OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air;TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CALCIUM SILICON, powder (DOT) see: EW4010000
CALCIUM ((2-STIBONOPHENYL)THIO)ACETATE see: AJ4694000

EW4150000 CALCIUM(II) SULFATE DIHYDRATE (1:1:2)
UPDT 8401 CAS: 10101-41-4 MW: 172.18 MOLFM: O4-S Ca 2H2-O
SYN: ALABASTER * ANNALINE * C.I. 77231 * C.I. PIGMENT WHITE 25 * GYPSUM * GYPSUM STONE * LAND PLASTER * LIGHT SPAR * MAGNESIA WHITE * MINERAL WHITE * NATIVE CALCIUM SULFATE * PRECIPITATED CALCIUM SULFATE * SATINITE * SATIN SPAR * SULFURIC ACID, CALCIUM(2+) SALT, DIHYDRATE * TERRA ALBA
TUMORIGENIC DATA AND REFERENCES:
2V01V10 ipr-rat TDLo:450 mg/kg/3W-I ZHPMAT 162,467,76
TOXICITY DATA AND REFERENCES:
3D07J14J30 ihl-hmn TCLo:194 gm/m3/10Y-I GTPZAB 11(10),23,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CALCIUM meso-TARTRATE TRIHYDRATE see: WW8036000
CALCIUM TRISODIUM DIETHYLENETRIAMINEPENTAACETATE see: MB8210000
CALCIUM TRISODIUM SALT of DIETHYLENETRIAMINEPENTAACETIC ACID see: MB8210000
CALCIUM UREIDOSUCCINATE see: CI9150000
CALCIUM VALPROATE see: YV7875300
CALCO 2246 see: PA3500000
CALCOCHROME BLUE BLACK BC see: QK2195000
CALCOCHROME ORANGE R see: VO5310000
CALCOCID AMARANTH see: QJ6550000
CALCOCID BLUE EG see: BQ4550000
CALCOCID BLUE 2 G see: BQ4550000
CALCOCID BRILLIANT SCARLET 3RN see: QJ6530000
CALCOCID ERYTHROSINE N see: LM5950000
CALCOCID FAST BLUE SR see: QJ6300000
CALCOCID FAST LIGHT ORANGE 2G see: QJ6500000
CALCOCID GREEN G see: BQ4375000
CALCOCID MILLING RED RC see: QJ6478000
CALCOCID MILLING YELLOW R see: DV3910000
CALCOCID ORANGE Y see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
CALCOCID PHLOXINE 2G see: QJ6030000
CALCOCID 2RIL see: QJ6825000
CALCOCID RUBINE XX see: QK1925000
CALCOCID SCARLET 2R see: QJ6825000
CALCOCID SCARLET 2RIL see: QJ6825000
CALCOCID URANINE B4315 see: LM5425000
CALCOCID VIOLET 4BNS see: BQ1140000
CALCOCID YELLOW MCG see: UQ6400000
CALCOCID YELLOW MXXX see: DB7329500
CALCOCID YELLOW XX see: UQ6400000
CALCODUR BLUE 6GFL see: QJ6430000
CALCODUR BROWN BRL see: GL7375000
CALCODUR RESIN FAST BLUE see: QJ6430000
CALCOGAS M see: QL4900000
CALCOGAS ORANGE NC see: QL4900000
C 10 ALCOHOL see: HE4375000
C-11 ALCOHOL see: YQ2985000
CALCOLAKE SCARLET 2R see: QJ6825000
CALCOLOID GOLDEN YELLOW see: HO7030000
CALCOMINE BLACK see: QJ6160000
CALCOMINE BLACK EXL see: QJ6160000
CALCOMINE BLUE 2B see: QJ6400000
CALCOMINE DARK GREEN BG see: QJ6195050
CALCOMINE RED 4BX see: QK1765000
CALCOMINE SCARLET 3B see: QJ6476000
CALCOMINE SKY BLUE FF see: QJ6430000
CALCOMINE VIOLET N see: QK1420000
CALCOMINE YELLOW 2G see: GD0197800
CALCO OIL ORANGE 7078 see: QL4900000
CALCO OIL ORANGE 7078-Y see: QL4900000
CALCO OIL ORANGE Z-7078 see: QL4900000
CALCO OIL RED D see: QL5775000
CALCO OIL SCARLET BL see: QL5850000
CALCO OIL SCARLET ZBL see: QL5850000
CALCOSYN YELLOW GC see: AC3662000
CALCOSYN YELLOW GCN see: AC3662000
CALCOTONE ORANGE 2R see: QL3854000
CALCOTONE RED see: NO7400000
CALCOTONE RED 3B see: QJ1897000
CALCOTONE TOLUIDINE RED YP see: QK4247000
CALCOTONE VIOLET RP see: GE4518000
CALCOTONE WHITE T see: XR2275000
CALCOZINE BLUE ZF see: SO5500000
CALCOZINE BLUE ZF see: SO5600000
CALCOZINE BRILLIANT GREEN G see: BP6825000
CALCOZINE CHRYSOIDINE Y see: ST3380000
CALCOZINE FUCHSINE HO see: CX9855000
CALCOZINE MAGENTA N see: CX9850000
CALCOZINE MAGENTA RIN see: CX9855000
CALCOZINE MAGENTA XX see: CX9855000
CALCOZINE ORANGE YS see: ST3380000
CALCOZINE RED BX see: BP3675000
CALCOZINE RED 6G see: DH0175000
CALCOZINE RED Y see: SG1623000
CALCOZINE RHODAMINE BL see: BP3675000
CALCOZINE RHODAMINE BX see: BP3675000
CALCOZINE RHODAMINE BXP see: BP3675000
CALCOZINE RHODAMINE 6GX see: DH0175000
CALCOZINE VIOLET 6BN see: BO9000000
CALCOZINE VIOLET C see: BO9000000
CALCOZINE YELLOW 0X see: BY3675000
CALCYANIDE see: EW0700000
CALDAN see: FD1225000
C-8 ALDEHYDE see: RG7780000
C-9 ALDEHYDE see: RA5700000
C-10 ALDEHYDE see: HD6000000
C-16 ALDEHYDE see: MW5250000
C-11 ALDEHYDE, UNDECYLENIC see: YQ2835000
C-11 ALDEHYDE, UNDECYLIC see: YQ1500000
C-12 ALDEHYDE, LAURIC see: JR1910000
C-14 ALDEHYDE, MYRISTIC see: XB7900000
CALDON see: SJ9800000
CALEDON GOLDEN YELLOW see: HO7030000

BEST COPY AVAILABLE

CALEDON PRINTING YELLOW see: HO7030000
CALENDULA EXTRACT (Indian) see: EW7491000
EW7491000 CALENDULA OFFICINALIS Linn., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 6,232,68)
UPDT:8302
SYN: CALENDULA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg IJEBA6 6,232,68
CALFOAM ES-30 see: WB7350000
CALF THYMUS DNA see: HG1933000
CALGON see: OY3675000
CALICO YELLOW see: LK8749000
CALIFORNIA CHEMICAL COMPANY RES305 see: FB5250000
CALIGRAN M see: OP0480000
CALIXIN see: QE2705000
CALLIACTIS POLYPUS TOXIN see: XW5872500
EW7550000 CALLICARPA RUBELLA Lindl., extract
DEF:Indian plant belonging to the family VERBENACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:30 mg/kg IJEBA6 12,512,74
EW7555000 CALLITRIS ROBUSTA R. Br. ex. Mirb., extract excluding roots
DEF:Indian plant belonging to the family PINACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77
CALMADIN see: TZ0175000
CALMATHION see: WM8400000
CALMAX see: TZ0175000
CALMDAY see: DF1750000
CALMETTEN see: CQ6825000
CALMINAL see: CQ6825000
CALMINOL see: SC5075000
CALMIREN see: TZ0175000
CALMOCITENE see: DF1575000
CALMODEN see: DE9450000
CALMONAL see: TL1970000
CALMORE see: TI4375000
CALMOREX see: TI4375000
CALMOSINE see: AH4900000
CALMOTIN see: YS3150000
CALMPOSE see: DF1575000
CALNEGYT see: MF5350000 GUANIDINE, [(OCTAHYDRO-2-AZOCINYL)METHYL]-, SULFATE, HYDRATE
CALOCAIN see: TM3675000
CALOCID GREEN S see: BQ1150000
CALOCID GREEN SB see: BQ1150000
EW8180000 CALO-CLOR
UPDT:8309 CAS: 8065-83-6 MW: 743.57 MOLFM: Cl2-Hg2 Cl2-Hg
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:55200 ug/kg FMCHA2 -,C42,83
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EW8200000 CALO-GRAN
DEF:Contains 1.8% MERCUROUS CHLORIDE and 0.9% MERCURIC CHLORIDE on calcined clay carrier(FMCHA2 -,C43,83)
UPDT:8310
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1800 mg/kg FMCHA2 -,C43,83
CALOGREEN see: OV8750000
CALOMEL see: OV8750000
CALOMELANO (Italian) see: OV8750000
EW8515000 CALOMEL and MAGNESIUM SULFATE (5:8)
UPDT:8401
SYN: MAGNESIUM SULFATE and CALOMEL (8:5)
TUMORIGENIC DATA AND REFERENCES:
3V03J60P61 orl-mus TDLo:44 gm/kg/69W-I CNREA8 28,2272,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EW8560000 CALOPHYLLUM INOPHYLLUM Linn., extract excluding roots
DEF:Indian plant belonging to the family GUTTIFERAE (IJEBA6 12,512,74)
UPDT:8302
SYN: PUNANG EXTRACT
TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74
CALOSAN see: OV8750000
EW8750000 CALOTROPIN
UPDT:8403 CAS: 1986-70-5 MW: 532.69 MOLFM: C29-H40-O9
SYN: PECILOCERIN A * POKILOCERIN A
TOXICITY DATA AND REFERENCES:
3F07F12F19 ipr-mus LD50:9800 ug/kg 41CIAR -,273,78
* orl-cat LDLo:120 ug/kg MEIEDD 10,236,83
EW8891000 CALOTROPIS GIGANTEA Linn., leaf extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg CPBTAL 13,882,65
EW8895000 CALOTROPIS PROCERA (Ait.) R.Br., flower extract
UPDT:8408
SYN: AK, flower extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-grb TDLo:3 gm/kg (15D male) IJEBA6 17,859,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EW8900000 CALOTROPIS PROCERA (Ait) R. Br., leaf and root extract
DEF:Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: MADAR LEAF and ROOT EXTRACT * MADAR ROOT and LEAF EXTRACT
TOXICITY DATA AND REFERENCES:
3H30J30V30 ipr-mus LD50:550 mg/kg IJEBA6 7,250,69
EW8900500 CALOTROPIS PROCERA R.Br., leaf and stem extract
DEF:Jamaican plant belonging to the family ASCLEPIADACEAE (JPPMAB 16,115,64)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:20 gm/kg JPPMAB 16,115,64
CALPANATE see: RU4375000
CALPLUS see: EV9800000
CALPOL see: AE4200000
CALPURNINE see: UX9370000
CALSMIN see: DF2450000
CALSOFT F-90 see: DB6825000
CALSOFT L-40 see: DB6825000
CALSOFT L-60 see: DB6825000
CALSOL see: AH5075000
CALTAC see: EV9800000
EW9290000 CALTHA PALUSTRIS Linn., extract
DEF:Indian plant belonging to the family RANUNCULACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:75 mg/kg IJEBA6 15,208,77
CALUSTERONE see: BV8385000
CALVATIC ACID see: DG5644600
CALVATINIC ACID see: DG5644600
CALVISKEN see: UB6660000
CALX see: EW3100000
CALYCIN see: DF7954000
CALYCINE see: DF7954000
EW9600000 CALYCOPTERIS FLORIBUNDA Lam., extract excluding roots
DEF:Indian plant belonging to the family COMBRETACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: NAIBAMERA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:188 mg/kg IJEBA6 7,250,69
CAM see: AB6825000
CAMA see: PA1800000
CAMATROPINE see: MS9000000
CAMAZEPAM see: EZ9033500
CAMAZULENE see: CO4780000
CAMBENDAZOLE see: DD6538000
CAMBENZOLE see: DD6538000
CAMBOGIC ACID see: PB9268200
CAMCOLIT see: OJ5800000
CAMELLIA SINENSIS see: CJ1260000
CAMFOSULFONATO del d-3-4-(1'DIBENZIL-2-CHETO-IMIDAZOLIDO)-1,2-TRIMETILTHIOPHANIUM (Italian) see: NJ6100000
CAMILAN see: AE7175000
C-27-AMINE FLUORIDE see: KL2895000
CAMITE see: AL8050000
CAMOFORM HYDROCHLORIDE see: EC1210000
CAMOMILE OIL GERMAN see: FL7180000
CAMP see: AU7357600
CAMPAPRIM A 1544 see: XZ3850000
CAMPBELLINE OIL ORANGE see: QL4900000
CAMPHANE, 2-HYDROXY- see: ED7000000
2-CAMPHANOL see: ED7000000
l-2-CAMPHANOL see: DT5095000
2-CAMPHANONE see: EX1225000
d-2-CAMPHANONE see: EX1260000
CAMPHECHLOR see: XW5250000
CAMPHENAL see: RB6965800
EX1055000 CAMPHENE
UPDT:8308 CAS: 79-92-5 MW: 136.26 MOLFM: C10-H16
SYN: CAMPHENE (DOT) * NA 9011 (DOT)
MUTATION DATA AND REFERENCES:
bfa-rat/sat 2500 mg/kg NUCADQ 1,10,79
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CAMPHENE (DOT) see: EX1055000
CAMPHEROL see: LK9275200
CAMPHETAMIDE see: UU3874700
CAMPHOBISMOL see: EB2984600
CAMPHOCHLOR see: XW5250000
CAMPHOCLOR see: XW5250000
CAMPHOFENE HUILEUX see: XW5250000
CAMPHOGEN see: GZ5950000
CAMPHOL see: ED7000000
EX1225000 CAMPHOR
UPDT:8411 CAS: 76-22-2 MW: 152.26 MOLFM: C10-H16-O
SYN: BICYCLO(2.2.1)HEPTAN-2-ONE, 1,7,7-TRIMETHYL- * BORNANE 2-OXO- * 2-BORNANONE * 2-CAMPHANONE * CAMPHOR, natural or synthetic (DOT) * CAMPHOR-NATURAL * FORMOSA CAMPHOR * GUM CAMPHOR * HUILE DE CAMPHRE (French) * JAPAN CAMPHOR * KAMPFER (German) * 2-KETO-1,7,7-TRIMETHYLNORCAMPHANE * LAUREL CAMPHOR * MATRICARIA CAMPHOR * NORCAMPHOR, 1,7,7-TRIMETHYL- * 1,7,7-TRIMETHYLBICYCLO(2.2.1)-2-HEPTANONE * UN 2717 (DOT)
MUTATION DATA AND REFERENCES:
cyt-smc 2 mmol/tube HEREAY 33,457,47
TOXICITY DATA AND REFERENCES:
orl-inf LDLo:70 mg/kg AJPAA4 30,857,54
unk-man LDLo:29 mg/kg 85DCAI 2,73,70
ipr-rat LDLo:900 mg/kg JPETAB 65,275,39
* orl-mus LD50:1310 mg/kg SHGKA3 75,934,75
* ihl-mus LCLo:400 mg/m3/3H 85GMAT -,31,82
ipr-mus LD50:3000 mg/kg AJPAA4 30,857,54
scu-mus LDLo:2200 mg/kg AEPPAE 166,437,32
orl-dog LDLo:800 mg/kg HBAMAK 4,1289,35
ipr-cat LDLo:400 mg/kg HBAMAK 4,1289,35
orl-rbt LDLo:2000 mg/kg AJPAA4 30,857,54
scu-frg LDLo:240 mg/kg AEXPBL 50,199,1903
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JRPMAP 12(1),27,74; NTIS** PB293-503
★ TLV-TWA 2 ppm; STEL 3 ppm DTLVS* 4,63,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg/m3 (SCP-B) FEREAC 43,57601,78
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1301
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CAMPHOR, (+)- see: EX1260000
(-)-CAMPHOR see: EX1260000
EX1234000 CAMPHOR, (+)-
UPDT:8402 CAS: 21368-68-3 MW: 152.26 MOLFM: C10-H16-O
SYN: BICYCLO(2.2.1)HEPTAN-2-ONE, 1,7,7-TRIMETHYL-, (+)- (9CI) * dl-CAMPHOR * DL-CAMPHOR
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:956 mg/kg KHFZAN 16(7),108,82
* scu-rat LD50:3040 mg/kg KHFZAN 16(7),108,82
* ipr-mus LD50:884 mg/kg KHFZAN 16(7),108,82
* scu-mus LD50:3020 mg/kg KHFZAN 16(7),108,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

D-(+)-CAMPHOR see: EX1260000
d-CAMPHOR see: EX1260000
dl-CAMPHOR see: EX1234000
DL-CAMPHOR see: EX1234000

EX1260000 CAMPHOR, (1R,4R)-(+)-
UPDT:8305 CAS: 464-49-3 MW: 152.26 MOLFM: C10-H16-O
SYN: ALCANFOR * BICYCLO(2.2.1)HEPTAN-2-ONE, 1,7,7-TRIMETHYL-, (1R)- * (-)-2-BORNANONE * d-2-BORNANONE * d-2-CAMPHANONE * CAMPHOR (-) * (-)-CAMPHOR * d-CAMPHOR * D-(-)-CAMPHOR * CAMPHOR USP * JAPANESE CAMPHOR
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,665,78
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:3600 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
* scu-rat LDLo:1700 mg/kg FCTXAV 16,665,78
* ipr-rat LDLo:3500 mg/kg FCTXAV 16,665,78
* orl-mus LD50:1310 mg/kg FCTXAV 16,665,78
1F12 scu-mus LDLo:2200 mg/kg FCTXAV 16,665,78
* ivn-mus LD90:525 mg/kg FCTXAV 16,665,78
* ipr-cat LDLo:400 mg/kg FCTXAV 16,665,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CAMPHOR, natural or synthetic (DOT) see: EX1225000

EX1362000 CAMPHORIMIDE
UPDT:8411 CAS: 1972-03-8 MW: 181.26 MOLFM: C10-H15-N-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:38 mg/kg YKKZAJ 84,918,64

EX1364000 CAMPHORIMIDE, N-(MORPHOLINOMETHYL)-
UPDT:8411 MW: 280.41 MOLFM: C15-H24-N2-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:59 mg/kg YKKZAJ 84,918,64

EX1366000 CAMPHORIMIDE, N-(PIPERIDINOMETHYL)-
UPDT:8412 MW: 278.44 MOLFM: C16-H26-N2-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:69 mg/kg YKKZAJ 84,918,64

CAMPHOR--NATURAL see: EX1225000

EX1490000 CAMPHOR OIL
UPDT:8312 CAS: 8008-51-3
SYN: CAMPHOR OIL (DOT) * CAMPHOR OIL, RECTIFIED * CAMPHOR OIL WHITE * CAMPHOR OIL YELLOW * FORMOSA CAMPHOR OIL * FORMOSE OIL of CAMPHOR * JAPANESE CAMPHOR OIL * JAPANESE, Oil of CAMPHOR * LIGHT CAMPHOR OIL * OIL OF CAMPHOR WHITE * LIGHT OIL of CAMPHOR * LIQUID CAMPHOR * OIL of CAMPHOR RECTIFIED * OIL CAMPHOR SASSAFRASSY * UN 1130 (DOT) * WHITE OIL of CAMPHOR * WHITE CAMPHOR OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1047,73
TOXICITY DATA AND REFERENCES:
3F11F12J30 orl-hmn TDLo:29 mg/kg 34ZIAG -,150,69
orl-chd LDLo:50 mg/kg 34ZIAG -,150,69
* orl-rat LD50:3730 mg/kg FCTXAV 13,739,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, DICPBB 8(12),690,74
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EX1497000 CAMPHOR OIL BROWN
DEF: Found in Cinnamomum camphora, chief constituent is SAFROLE (FCTXAV 14,659,76)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2530 mg/kg FCTXAV 14,703,76

CAMPHOR OIL (DOT) see: EX1490000
CAMPHOR OIL, RECTIFIED see: EX1490000
CAMPHOR OIL WHITE see: EX1490000
CAMPHOR OIL YELLOW see: EX1490000
CAMPHOR TAR see: QJ0525000
CAMPHOR USP see: EX1260000
CAMPHOSTENE see: TK4586000
CAMPHOSULFONATE de DIETHYLAMINOETHYLTHEOPHYLLINE (French) see: XH5097600
CAMPHOSULFONATE de DIETHYLENEDIAMINE (French) see: TM2480000
CAMPHOSULFONATE de MORPHOLYLETHYLTHEOPHYLLINE (French) see: XH6156000
CAMPHOSULFONATE de PIPERIDYLETHYLTHEOPHYLLINE (French) see: XH6487260
dl-CAMPHO-10 SULFONATE de PIPERIDINOMETHYLCYCLOHEXANE (French) see: TM6613000
CAMPHOSULFONYL-N-METHYLPYRIDINE-beta-DIETHYLCARBOXAMIDE see: UU3874700
CAMPHOTAMIDE see: UU3874700
CAMPHOZONE see: QS4375000
CAMPHRAMINE see: UU3874700
CAMPILIT see: GT2100000
CAMPOSAN see: SZ7100000
CAMPOVITON 6 see: UV1350000
CAMPTOTHECIN see: UQ0492000
CAMPTOTHECINE see: UQ0492000
20(S)-CAMPTOTHECINE see: UQ0492000

EX1700000 CAMPYLOTROPIS, ERIOCARPA (DC.) Sch., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 11,43,73

CAMYLOFINE see: MB9625000
CAMYLOFINE DIHYDROCHLORIDE see: MB9640000
CAMYLOFINE HYDROCHLORIDE see: MB9640000
CAMYLOFIN HYDROCHLORIDE see: MB9640000
CAMYLOPIN see: MB9625000
CAN see: RN8575000
CANACERT AMARANTH see: QJ6550000
CANACERT BRILLIANT BLUE FCF see: BQ4725000
CANACERT ERYTHROSINE BS see: LM5950000
CANACERT INDIGO CARMINE see: DU3000000
CANACERT SUNSET YELLOW FCF see: QK2450000
CANACERT TARTRAZINE see: UQ6400000
CANADIEN 2000 see: GN4934700
CANADINE see: DR9823000
(-)-CANADINE see: DR9823000
alpha-CANADINE see: DR9823000
CANADOL see: SE7555000

EX2750000 CANANGA OIL
DEF: Found in the flowers of the tree CANANGA ODORATA HOOK. f. et Thomsen. syn CANANGIUM ODORATUM Ault. forma macrophylla (Fam. ANONACEAE) and prepared by steam distillation of the flowers (FCTXAV 11,1011,73)
UPDT:8305
SYN: OIL OF CANANGA
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 11,1049,73

CANANGA OIL see: ZF9116000

EX27520JO CANANGIUM ODORATUM, stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg CPBTAL 13,882,65

CANARIUS see: CB9870000
CANARY CHROME YELLOW 40-2250 see: GB2975000

EX2840000 CANAVALIA GLADIATA (Jacq.) D.C., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

CANAVANIN see: ES7002000
CANAVANINE see: ES7002000
L-CANAVANINE see: ES7002000
CANDAMIDE see: OJ5800000
CANDASEPTIC see: GO7100000
CANDEPTIN see: EX4300000
CANDEREL see: WM3407000
CANDEX see: RF5950000
CANDEX see: XY5600000

EX4300000 CANDICIDIN
UPDT:8411 CAS: 1403-17-4 MW: 1440.69 MOLFM: C63-H85-N21-O19
SYN: CANDEPTIN * VANOBID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T27T59 orl-rbt TDLo:130 mg/kg (6-18D preg) ANTBAL 17,742,72
1T35 orl-rbt TDLo:650 mg/kg (6-18D preg) ANTBAL 17,742,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2900 mg/kg ANTBAL 14,932,69
* ipr-mus LD50:14 mg/kg MEIEDD 10,240,83
* scu-mus LD50:160 mg/kg PMDCAY 14,105,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EX4375000 CANDIDIN
UPDT:8403 CAS: 1405-90-9 MW: 914.22 MOLFM: C46-H75-N-O17
SYN: CANDIDINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg 85GDA2 2,288,80
* ipr-mus LD50:7 mg/kg MEIEDD 10,240,83
* scu-mus LD50:30 mg/kg MEIEDD 10,240,83
* ivn-mus LD50:1500 ug/kg MEIEDD 10,240,83

CANDIDINE see: EX4375000
CANDIO-HERMAL see: RF5950000

EX4970000 CANDIPLANECIN
DEF: Produced by AMPULLARIELLA REGULARIS subsp. MANNITOPHILA 43871 (JANTAJ 35,82-119,82)
UPDT:8305 MW: 342.43 MOLFM: C17-H26-O7
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1 mg/kg JANTAJ 35,82-119,82

EX5020000 CANDITOXIN
UPDT:8308 CAS: 12626-37-8
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:300 ug/kg NIPDAD (35),1,78

CANDLE SCARLET B see: QL5775000
CANDLE SCARLET 2B see: QL5775000
CANDLE SCARLET G see: QL5775000
CANESCIN see: ZG0875000
CANESCINE see: ZG0875000
CANESCINE 10-METHOXYDERIVATIVE see: ZG0525000
CANESTEN see: NI4377000
CANE SUGAR see: WN6500000
CANNABIDIOL see: VH1600000
(-)-CANNABIDIOL see: VH1600000
(-)-trans-CANNABIDIOL see: VH1600000
CANNABINOL see: HP8575000
CANNABINOL, 1-trans-delta(sup 8)-TETRAHYDRO- see: HP8400000
CANNABINOL, 1-trans-delta(sup 9)-TETRAHYDRO- see: HP8225000

EX6300000 CANNABIS
UPDT:8408 CAS: 8063-14-7
SYN: BHANG * CANNABIS RESIN * CHARAS * CME * GANJA * HASACH * HASHISH * INDIAN CANNABIS * INDIAN HEMP * MARIHUANA * MARIJUANA
MUTATION DATA AND REFERENCES:
oms-hmn:lym 500 mg/L JAINAA 24,71,75
cyt-hmn:lym 500 mg/L JAINAA 24,71,75
cyt-rat-ipr 4200 ug/kg LANCAO 1,370,69
cyt-rat:leu 40 mg/L LANCAO 1,370,69
cyt-rat:emb 100 mg/L/24H LANCAO 1,370,69
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T71T81 orl-rat TDLo:1600 mg/kg (15-22D preg) NTOTDY 3,351,81
1T85 orl-rat TDLo:3 gm/kg (2-21D preg) NETOD7 1,285,79
2T34T76 orl-rat TDLo:3 gm/kg (3-22D preg) PSCHDL 71,71,80
1T81 orl-rat TDLo:176 mg/kg (9W male/2W pre-3W post) TXAPA9 38,223,76
2T24T26 orl-rat TDLo:44 mg/kg (9W male/2W pre-14D preg) TXAPA9 38,223,76
3T25T34T41 ipr-rat TDLo:25200 ug/kg (1-6D preg) LANCAO 2,406,68
2T45T46 ipr-rat TDLo:25200 ug/kg (1-6D preg) LANCAO 2,406,68
3T34T41T45 ipr-rat TDLo:25200 ug/kg (1-6D preg) WIMJAD 17,232,68
1T21 ipr-rat TDLo:30 mg/kg (1D male) RCOCB8 7,779,74
1T01 orl-mus TDLo:25 mg/kg (1D male) SCIEAS 216,315,82
1T02 ipr-mus TDLo:2 gm/kg (25D male) EJPHAZ 26,111,74
2T24T26 orl-rbt TDLo:6500 ug/kg (6-18D preg) TXAPA9 38,223,76
2T25T34 orl-rbt TDLo:195 mg/kg (6-18D preg) TXAPA9 38,223,76
1T75 orl-rbt TDLo:19500 ug/kg (6-18D preg) TXAPA9 38,223,76
2T31T34 orl-rbt TDLo:79300 ug/kg (6-18D preg) BANMAC 164,276,80
3T41T45T46 scu-rbt TDLo:250 mg/kg (7-10D preg) TXAPA9 14,276,69
3T34T35T55 scu-rbt TDLo:250 mg/kg (7-10D preg) TXAPA9 14,276,69
1T25 scu-rbt TDLo:130 mg/kg (7-10D preg) TXAPA9 14,276,69
2T31T34 scu-rbt TDLo:79300 ug/kg (6-18D preg) BANMAC 164,276,80
1T34 unk-rbt TDLo:13 gm/kg (6-18D preg) AVBIB9 22/23,469,79
3T41T45T46 scu-ham TDLo:100 mg/kg (6-8D preg) TXAPA9 14,276,69
1T34 scu-ham TDLo:100 mg/kg (6-8D preg) TXAPA9 14,276,69
1T55 scu-ham TDLo:50 mg/kg (6-8D preg) TXAPA9 14,276,69
2T25T35 scu-ham TDLo:200 mg/kg (6-8D preg) TXAPA9 14,276,69
TOXICITY DATA AND REFERENCES:
3G10G13H02 orl-hmn TDLo:60 mg/kg/20D BMJOAE 1,460,78
orl-rat LD50:1380 mg/kg TXAPA9 25,363,73
ipr-mus LDLo:5 gm/kg NATUAS 228,134,70

BEST COPY AVAILABLE

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLPTAT 16,989,74; IRNEAE 18,329,75; MJAUAJ 2(5),229,73; AEMBAP 56,291,75; DMBUAE 21(3),106,74; CICHAU 19,361,73; TOANDB -,129,74; FEPRA7 37,739,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CANNABIS RESIN see: EX6300000

EX6362000 CANNABIS SATIVA, extract
UPDT.8306
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 scu-rat TDLo:1 gm/kg (8-11D preg) PSYPAG 27,117,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CANNABIS SMOKE RESIDUE see: OP9478000

EX6369000 CANNA ORIENTALIS Rosc., extract excluding roots
DEF: Indian plant belonging to the family CANNACEAE (IJEBA6 15,208,77)
UPDT.8408
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77
CANNOGENIN alpha-L-THEVETOSIDE see: FH4915000
CANOCYL see: VO0780000
CANOGARD see: TC0350000
CANQUIL-400 see: TZ0175000

EX6653000 CANSCORA DECUSSATA, extract
DEF: An erect branching annual Indian plant with 4-winged stems and decussate branches(AIPTAK 124,358,60)
UPDT.8303
SYN: DANKUNI * KALAMEG * KAMBUMALINEE * SHANKHAHAPUSHAPPI * TITAVI
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:140 mg/kg AIPTAK 124,358,60

EX6655000 CANSCORA DIFFUSA (Vahl) R. Br., extract
DEF: Indian plant belonging to the family GENTIANACEAE (IJEBA6 7,250,69)
UPDT.8302
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1200 mg/kg IJEBA6 7,250,69
CANTAN see: CI7650000
CANTAXIN see: CI7650000
CANTHARIDES CAMPHOR see: RN8575000
CANTHARIDIN see: RN8575000
CANTHARIDINE see: RN8575000
CANTHARONE see: RN8575000

EX7155000 CANTHIUM PARVIFLORUM Lam., extract excluding roots
DEF: Indian plant belonging to the family RUBIACEAE (IJEBA6 9,91,71)
UPDT.8302
SYN: KARA-GIDA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71
3C ANTIBIOTIC see: SG1660000
CANTIL see: TN5950000
CANTREX see: NZ3225030
CANTREX see: WK1962000
CANTRIL see: TN5950000
CANTROL see: ES8750000
CAN-TROL see: ES8575000
CAO 1 see: GO7875000
CAO 3 see: GO7875000
CAO 5 see: PA3500000
CAO 14 see: PA3500000
CAODYL OXIDE see: CH8150000
CAOUTCHOUC see: VL8020000
CAP see: AM6300000
CAP see: AB6825000
CAP see: TU3750000
CAPARISIDE see: AI6199900
CAPAROL see: XY4390000
CAPARSOLATE see: AI6200000
CAPARSOLATE see: AI6199900
CAPASTAT SULFATE see: EX8930000
CAPATHYN see: UT1750000
CAPER SPURGE see: LE5942000
CAPILAN see: OO8200000
CAPILLIN see: MM3622000
CAPISTEN see: UE7570000
CAPITUS see: WN2800000
CAPLENAL see: UR0785000
CAPMUL see: TR7400000
CAPMUL see: WG2934000
CAPMUL POE-0 see: WG2932500
CAPOBENATE see: MO8439000 HEXANOIC ACID, 6-(3,4,5-TRIMETHOXYBENZAMIDO)-, MONOSODIUM SALT
CAPOBENATE SODIUM see: MO8439000 HEXANOIC ACID, 6-(3,4,5-TRIMETHOXYBENZAMIDO)-, MONOSODIUMSALT
CAPORIT see: NH3485000
CAPOTEN see: UY0550000
CAP-O-TRAN see: TZ0175000

EX8715000 CAPPARIS DECIDUA, Edgew., extract excluding roots
DEF: Indian plant belonging to the family CAPPARIDACEAE (IJEBA6 7,250,69)
UPDT.8302
SYN: KAIR EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

EX8720000 CAPPARIS GRANDIS Linn., extract excluding roots
DEF: Indian plant belonging to the family CAPPARIDACEAE (IJEBA6 12,512,74)
UPDT.8302
SYN: TURATAI EXTRACT
TOXICITY DATA AND REFERENCES:
2M10V30 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

EX8725000 CAPPARIS LONGISPINA Hook.f., extract excluding roots
DEF: Indian plant belonging to the family CAPPARIDACEAE (IJEBA6 6,232,68)
UPDT.8302
SYN: CHIMAR EXRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 6,232,68

EX8730000 CAPPARIS ROSBURGHII DC., extract excluding roots
DEF: Indian plant belonging to the family CAPPARIDACEAE (IJEBA6 7,250,69)
UPDT.8302
SYN: GALKAMARA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

EX8735000 CAPPARIS SEPIARIA Linn., extract
DEF: Indian plant belonging to the family CAPPARIDACEAE (IJEBA6 7,250,69)
UPDT.8302
SYN: ASARHA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 7,250,69
CAPRALDEHYDE see: HD6000000
CAPRALENSE see: MO6300000
CAPRAMOL see: MO6300000
CAPRAN 80 see: TQ9800000
CAPRAN 77C see: TQ9800000
CAPRANE see: GQ5775000

EX8925000 CAPREOMYCIN DISULFATE
UPDT.8403 CAS: 1405-36-3
SYN: CAPROCIN * OGOSTAL
TOXICITY DATA AND REFERENCES:
scu-rat LD50:1191 mg/kg ANYAA9 135,960,66
ivn-rat LD50:325 mg/kg ANYAA9 135,960,66
scu-mus LD50:514 mg/kg ANYAA9 135,960,66
ivn-mus LD50:250 mg/kg ANYAA9 135,960,66

EX8930000 CAPREOMYCIN, SULFATE (SALT)
UPDT.8310 CAS: 1405-37-4
SYN: CAPASTAT SULFATE * CAPROCIN
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:514 mg/kg NIIRDN 6,175,82
CAPRIC ACID see: HD9100000
n-CAPRIC ACID see: HD9100000
CAPRIC ACID ETHYL ESTER see: HD9420000
CAPRIC ALCOHOL see: HE4375000
CAPRIN see: VO0700000
CAPRINE see: RC6308000
CAPRINIC ACID see: HD9100000
CAPRINIC ALCOHOL see: HE4375000
CAPROALDEHYDE see: MN7175000
CAPROAMIDE POLYMER see: TQ9800000
CAPROCID see: MO6300000
CAPROCIN see: EX8930000
CAPROCIN see: EX8925000
CAPRODAT see: FB3325000
CAPROIC ACID see: MO5250000
n-CAPROIC ACID see: MO5250000
CAPROIC ALDEHYDE see: MN7175000
CAPROKOL see: VH1575000
CAPROLACTAM see: CM3675000
epsilon-CAPROLACTAM see: CM3675000
omega-CAPROLACTAM see: CM3675000
6-CAPROLACTAM see: CM3675000
epsilon-CAPROLACTAM, N-METHYL- see: CM4025000
CAPROLACTAM OLIGOMER see: TQ9800000
CAPROLACTAM POLYMER see: TQ9800000
epsilon-CAPROLACTAM POLYMER see: TQ9800000
epsilon-CAPROLACTAM POLYMERE (German) see: TQ9800000
CAPROLACTONE see: MO8400000
gamma-CAPROLACTONE see: LU4220000
epsilon-CAPROLACTONE see: MO8400000
6-CAPROLACTONE see: LU4220000
CAPROLATTAME (French) see: CM3675000
CAPROLISIN see: MO6300000
CAPROLON see: RF5250000
CAPROLON B see: TQ9800000
CAPROLON V see: TQ9800000
CAPROLYL PEROXIDE see: SD8430000
CAPRON see: TQ9800000
CAPRON see: TU5085000
CAPRON 8250 see: TQ9800000
CAPRON 8252 see: TQ9800000
CAPRON 8253 see: TQ9800000
CAPRON 8256 see: TQ9800000
CAPRONALDEHYDE see: MN7175000
CAPRON B see: TQ9800000
CAPRON GR 8256 see: TQ9800000
CAPRON GR 8257 see: TQ9800000
CAPRON GR 8258 see: TQ9800000
CAPRONIC ACID see: MO5250000
CAPRONITRILE see: MQ3900000
CAPRON PX 4 see: TQ9800000
CAPROYL ALCOHOL see: MQ4025000
n-CAPROYLALDEHYDE see: MN7175000
2-(n-CAPROYLAMINO)-3,5-DIIODOBENZOIC ACID see: CB2999500
3-CAPROYLAMINO-2,4,6-TRIIODOBENZOIC ACID see: DH1435000
3-CAPRYLYLAMINO-2,4,6-TRIIODOBENZOIC ACID see: DH5944500
1-CAPROYLAZIRIDINE see: CM7890000
CAPROYLETHYLENEIMINE see: CM7890000
CAPRYLATE d'OESTRADIOL (French) see: KG4550000
CAPRYLDINITROPHENYL CROTONATE see: GQ5775000
?-CAPRYL-4,6-DINITROPHENYL CROTONATE see: GQ5775000
CAPRYLENE see: RH2190000
CAPRYLIC ACID see: RH0175000
n-CAPRYLIC ACID see: RH0175000
CAPRYLIC ACID TRIGLYCERIDE see: YJ7700000
CAPRYLIC ALCOHOL see: RH6550000
CAPRYLLACTAM see: CN4830000
eta-CAPRYLLACTAM see: CN4830000
CAPRYLOLACTAM see: CN4830000
omega-CAPRYLOLACTAM see: CN4830000
CAPRYL PEROXIDE see: SD8430000
CAPRYLYL ACETATE see: AJ1400000
CAPRYLYLCYSTINIC ACID see: HA2950000
CAPRYLYL PEROXIDE see: SD8430000
CAPRYLYL PEROXIDE SOLUTION (DOT) see: SD8430000
CAPRYNIC ACID see: HD9100000
CAPSAICIN see: RA8530000
CAPSAICINE see: RA8530000
CAPSEBON see: EV3150000

EY4910100 CAPSELLA BURSAPASTORIS Medic., extract
DEF: Indian plant belonging to the family CRUCIFERAE (IJEBA6 16,228,78)
UPDT.8411
TOXICITY DATA AND REFERENCES:
1M10 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

EY4925000 CAPSICUM FRUTESCENS Linn., extract excluding roots
DEF: Indian plant belonging to the family SOLANACEAE (IJEBA6 15,208,77)
UPDT.8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

BEST COPY AVAILABLE

CAPSINE see: GO9625000
CAPTAF see: GW5075000
CAPTAFOL see: GW4900000
CAPTAF 85W see: GW5075000
CAPTAN see: GW5075000
CAPTAN see: GW5075100
CAPTANCAPTENEET 26,538 see: GW5075000
CAPTAN (DOT) see: GW5075000
CAPTANE see: GW5075000
CAPTANE see: GW5075100
CAPTAN-STREPTOMYCIN 7.5-0.1 POTATO SEED PIECE PROTECTANT see: GW5075000
CAPTAN 50W see: GW5075000
CAPTATOL see: GW4900000
CAPTAX see: DL6475000
CAPTEC see: TE7875000
CAPTEX see: GW5075000
CAPTODIAME see: KQ8563000
CAPTODIAM HYDROCHLORIDE see: KQ8575000
CAPTODIAMIN see: KQ8563000
CAPTODIAMINE see: KQ8563000
CAPTODIAMINE HYDROCHLORIDE see: KQ8575000
CAPTODRAMIN HYDROCHLORIDE see: KQ8575000
CAPTOFOL see: GW4900000
CAPTOPRIL see: UY0550090
CAPUT MORTUUM see: NO7400000
CAPVAL see: RD2625000
CAPVAL HYDROCHLORIDE see: NP7225000
CARACHOL see: FZ2500000
CARADATE 30 see: NQ9350000
CARADRIN see: UK6650000

EY5625000 CARAGANA BREVISPINA Royle, extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1N22 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
CARAGARD see: XY5020000

EY5638800 CARAMEL C
DEF:Food additive obtained through AMMONIA process, GLUCOSE (AMONDS 3,253,80)
UPDT:8408
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate AMONDS 3,253,80
cyt-ham:lng 1 gm/L ARTODN (Suppl 4),41,80

EY5639000 CARAMEL D
DEF:Food additive composed of GLUCOSE, burnt (AMONDS 3,253,80)
UPDT:8408
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate AMONDS 3,253,80
cyt-ham:lng 1 gm/L ARTODN (Suppl 4),41,80

EY5639100 CARAMEL E
DEF:Food additive composed of SUCROSE, burnt (AMONDS 3,253,80)
UPDT:8408
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate AMONDS 3,253,80
cyt-ham:lng 10 gm/L ARTODN (Suppl 4),41,80

EY5639300 CARAMELIZED MALT SUGAR
UPDT:8405
MUTATION DATA AND REFERENCES:
dns-hmn:oth 1 gm/L MUREAV 122,377,83

CARAMIFENE (Italian) see: GY2550000
CARAMIPHENE see: GY2550000
CARAMIPHENE HYDROCHLORIDE see: GY3870000
CARAMIPHEN HYDROCHLORIDE see: GY3870000
CARAMIPHENIUM CHLORIDE see: GY3870000

EY5990000 CARAPA GUIANENSIS, bark or leaf extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:31 mg/kg CPBTAL 13,882,65

EY5990500 CARAPA GUIANENSIS, flower extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

CARASTAY see: FI0700000
CARASTAY C see: FI0700000

EY6300000 CARAWAY OIL
UPDT:8305 CAS: 8000-42-8
SYN: KUEMMEL OIL (German) * OIL of CARAWAY
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 11,1051,73
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate KEKHB8 (9),11,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3500 mg/kg FCTXAV 11,1051,73
* skn-rbt LD50:1780 mg/kg FCTXAV 11,1051,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CARBACHOL CHLORIDE see: GA0875000
CARBACHOLIN see: GA0875000
CARBACHOLINE see: GA0875000
CARBACHOLINE CHLORIDE see: GA0875000
CARBACOLINA see: GA0875000
CARBACRYL see: AT5250000
CARBADINE see: ZH3325000
CARBADOX see: FE2779000

EY7268000 CARBADOX, DEOXY-
UPDT:8312
SYN: DESOXYCARBADOX
MUTATION DATA AND REFERENCES:
dni-hmn:oth 50 mg/L JTEHD6 10,143,82

CARBAM see: FC2100000
CARBAMALDEHYDE see: LQ0525000
CARBAMAMIDINE see: ME7750000
CARBAMATE see: NO8750000
CARBAMATE, 4-DIMETHYLAMINO-3,5-XYLYL N-METHYL- see: FC0700000
CARBAMATE of 1,4-DIOXASPIRO(4.5)DECANE-2-METHANOL see: JH3000000
CARBAMATE de L'ETHINYLCYCLOHEXANOL (French) see: GV9275000
CARBAMATE de METHYLPENTINOL (French) see: SC5075000
CARBAMATE of 1-OXA-4-THIASPIRO(4.5)DECANE-2-METHANOL see: RP4389350
CARBAMATE du PROPINYLCYCLOHEXANOL (French) see: FD1150000
CARBAMAZEPEN see: HN8225000
CARBAMAZEPINE see: HN8225000
CARBAMEZEPINE see: HN8225000

EY8290000 CARBAMIC ACID, ACETYL-, ETHYL ESTER
UPDT:8401 CAS: 2597-54-8 MW: 131.15 MOLFM: C5-H9-N-O3
SYN: N-ACETYL ETHYL CARBAMATE * ACETYLURETHANE * N-ACETYLURETHANE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:2400 mg/kg/4W-I CNREA8 29,2184,69
2V02J60 ipr-mus TD :7300 mg/kg/10W-I IJCNAW 4,318,69
3V03J60P61 ipr-mus TD :3650 mg/kg/5W-I IJCNAW 4,318,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EY8300000 CARBAMIC ACID, ACETYLMETHYL-, m-tert-BUTYLPHENYL ESTER
UPDT:8309 CAS: 2313-91-9 MW: 249.34 MOLFM: C14-H19-N-O3
SYN: CARBAMIC ACID, ACETYLMETHYL-, 3-(1,1-DIMETHYLETHYL)PHENYL ESTER * 3-(1,1-DIMETHYLETHYL)PHENYL ACETYLMETHYLCARBAMATE * ENT 27,264 * U-24157 * UPJOHN U-24157
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg ARSIM* 20,26,66

CARBAMIC ACID, ACETYLMETHYL-, 2-CHLORO-4,5-DIMETHYLPHENYL ESTER see: EY8320000

EY8320000 CARBAMIC ACID, ACETYLMETHYL-, 6-CHLORO-3,4-XYLYL ESTER
UPDT:8309 CAS: 2313-93-1 MW: 255.72 MOLFM: C12-H14-Cl-N-O3
SYN: CARBAMIC ACID, ACETYLMETHYL-, 2-CHLORO-4,5-DIMETHYLPHENYL ESTER * 2-CHLORO-4,5-DIMETHYLPHENYL ACETYLMETHYLCARBAMATE * ENT 27,262 * U-12379 * UPJOHN U-12379
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg ARSIM* 20,26,66

CARBAMIC ACID, ACETYLMETHYL-, 4-(DIMETHYLAMINO)-3,5-DIMETHYLPHENYL ESTER see: EY8350000

EY8350000 CARBAMIC ACID, ACETYLMETHYL-, 4-(DIMETHYLAMINO)-3,5-XYLYL ESTER
UPDT:8309 CAS: 2184-77-2 MW: 264.36 MOLFM: C14-H20-N2-O3
SYN: CARBAMIC ACID, ACETYLMETHYL-, 4-(DIMETHYLAMINO)-3,5-DIMETHYLPHENYL ESTER * 4-(DIMETHYLAMINO-3,5-DIMETHYLPHENYL ACETYLMETHYLCARBAMATE * ENT 27,263 * U-20493 * UPJOHN U-20493
TOXICITY DATA AND REFERENCES:
orl-mus LD50:550 mg/kg ARSIM* 20,26,66

CARBAMIC ACID, ACETYLMETHYL-, 3-(1,1-DIMETHYLETHYL)PHENYL ESTER see: EY8300000
CARBAMIC ACID, (2-(ACETYLOXY)ETHYL)NITROSO-, ETHYL ESTER (9CI) see: FB2250000
CARBAMIC ACID, (ACETYLOXY)PHENYL-, 1-METHYLETHYL ESTER (9CI) see: FD7430000
CARBANILICACID, N-ACETOXY-, ISOPROPYL ESTER

EY8512000 CARBAMIC ACID, ALLYL ESTER
UPDT:8401 CAS: 2114-11-6 MW: 101.12 MOLFM: C4-H7-N-O2
SYN: ALLYL CARBAMATE
MUTATION DATA AND REFERENCES:
sce-mus-ipr 100 umol/kg CNREA8 42,2165,82
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:279 mg/kg/4W-I CNREA8 29,2184,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EY8575000 CARBAMIC ACID, AMMONIUM SALT
UPDT:8308 CAS: 1111-78-0 MW: 78.09 MOLFM: C-H3-N-O2 H3-N
SYN: AMMONIUM AMINOFORMATE * AMMONIUM CARBAMATE * AMMONIUM CARBAMATE (DOT) * NA 9083 (DOT)
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:39 mg/kg AJVRAH 29,897,68
ivn-mus LD50:77 mg/kg AJVRAH 29,897,68
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FERRATE (Fe12-019(sup 2-)), BARIUM (1:1) (9CI) see: CQ9520800
CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL- see: DD6455000

EY8592000 CARBAMIC ACID, (1H-BENZIMIDAZOL-2-YL)-, METHYL ESTER, PHOSPHATE (1:1)
UPDT:8309 CAS: 52316-55-9 MW: 289.21 MOLFM: C9-H9-N3-O2 H3-O4-P
SYN: CORREX * LIGNASAN BLP * MBC-P * METHYL 2-BENZIMIDAZOLECARBAMATE PHOSPHATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7500 mg/kg FMCHA2 -,C63,83

EY8600000 CARBAMIC ACID, N-(5-BENZOYLBENZIMIDAZOL-2-YL)-, METHYL ESTER
UPDT:8403 CAS: 31431-39-7 MW: 295.32 MOLFM: C16-H13-N3-O3
SYN: 2-BENZIMIDAZOLECARBAMIC ACID, 5-BENZOYL-, METHYL ESTER * N-2 (5-BENZOYL-BENZIMIDAZOLE) CARBAMATE DE METHYLE (French) * 5-BENZOYL-2-BENZIMIDAZOLECARBAMIC ACID METHYL ESTER * N-(BENZOYL-5 BENZIMIDAZOLYL)-2, CARBAMATE DE METHYLE (French) * (5-BENZOYL-1H-BENZIMIDAZOL-2-YL)-CARBAMIC ACID METHYL ESTER * MBDZ * MEBENDAZOLE * METHYL 5-BENZOYL BENZIMIDAZOLE-2-CARBAMATE * METHYL 5-BENZOYL-2-BENZIMIDAZOLECARBAMATE * OVITELMIN * PANTELMIN * R 17635 * TELMIN VERMIRAX * VERMOX
MUTATION DATA AND REFERENCES:
mma-sat 600 nmol/plate CNREA8 38,4478,78
oms-hmn:leu 1 mg/L THERAP 31,501,76
oms-hmn:oth 2 mg/L THERAP 31,501,76
cyt-rat:bmr 100 nmol/L MUREAV 21,51,73
bfa-mus/sat 500 mg/kg CNREA8 38,4478,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T35T41 orl-rat TDLo:78400 ug/kg (8-15D preg) THERAP 31,505,76
2T43T46 orl-rat TDLo:78400 ug/kg (8-15D preg) THERAP 31,505,76
1T25 orl-rat TDLo:78400 ug/kg (8-15D preg) BSVMA8 76,147,74
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:320 mg/kg TXAPA9 24,371,73
* orl-mus LD50:620 mg/kg MPPBAB 47,48,78
* ipr-mus LD50:712 mg/kg MPPBAB 48,29,79
orl-gpg LDLo:1260 mg/kg TXAPA9 24,371,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 32(2),151,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, N-BENZYL-, 3-DIMETHYLAMINOPHENYL ESTER, METHIODIDE see: BR3700000

EY8747000 CARBAMIC ACID, BENZYL-, 2-HYDROXYETHYL ESTER
UPDT:8402 MW: 195.24 MOLFM: C10-H13-N-O3
SYN: BENZYLCARBAMIC ACID 2-HYDROXYETHYL ESTER * BENZYLURETHANE du GLYCOL (French)
TOXICITY DATA AND REFERENCES:
3A11F17F25 scu-mus LD50:850 mg/kg AIPTAK 127,220,60
* ivn-mus LD50:300 mg/kg APFRAD 9,390,51

CARBAMIC ACID, BENZYL-, m-(TRIMETHYLAMMONIO)PHENYL ESTER, IODIDE see: BR3700000

EY8794000 CARBAMIC ACID, (2,5-BIS(1-AZIRIDINYL)-3,6-DIOXO-1,4-CYCLOHEXADIEN-1,4-DIYL)BIS-, DIETHYL ESTER
UPDT:8310 CAS: 57998-68-2 MW: 366.42 MOLFM: C16-H22-N4-O6
SYN: AZIRIDINYLQUINONE * NSC 182986
MUTATION DATA AND REFERENCES:
dnd-hmn:emb 50 umol/L PAACA3 24,246,83
dnd-mus:leu 57 umol/L PAACA3 24,246,83
TOXICITY DATA AND REFERENCES:
3F07K12U01 ivn-mus LD50:10300 ug/kg NTIS** PB80-177934

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

EY8868000 CARBAMIC ACID, BIS(CARBOXYMETHYL)DITHIO-, TRIAMMONIUM SALT, MONOHYDRATE
UPDT:8306 MW: 278.39 MOLFM: C5-H16-N4-O4-S2 H2-O
SYN: BIS(CARBOXYMETHYL)DITHIOCARBAMIC ACID TRIAMMONIUM SALT MONOHYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1200 mg/kg JINCAO 42,775,80
EY9440000 CARBAMIC ACID, BIS(2-HYDROXYETHYL)DITHIO-, AMMONIUM SALT
UPDT:8306 MW: 198.33 MOLFM: C5-H14-N2-O2-S2
SYN: BIS(2-HYDROXYETHYL)DITHIOCARBAMIC ACID AMMONIUM SALT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:4200 mg/kg JINCAO 42,775,80
EY9450000 CARBAMIC ACID, BIS(2-HYDROXYETHYL)DITHIO-, MONOPOTASSIUM SALT
UPDT:8401 CAS: 23746-34-1 MW: 219.38 MOLFM: C5-H10-N-O2-S2 K
SYN: BIS(2-HYDROXYETHYL)CARBAMODITHIOIC ACID, MONOPOTASSIUM SALT * BIS(2-HYDROXYETHYL)DITHIOCARBAMIC ACID, MONOPOTASSIUM SALT * BIS(2-HYDROXYETHYL)DITHIOCARBAMIC ACID, POTASSIUM SALT * POTASSIUM BIS(2-HYDROXYETHYL)DITHIOCARBAMATE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:82 gm/kg/78W-C JJINDB 67,75,81
3V01J60L60 orl-mus TDLo:129 gm/kg/79W-C JNCIAM 42,1101,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85CVA2 5,250,70
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 12,183,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBAMIC ACID, (5-BUTYL-1H-BENZIMIDAZOL-2-YL)-, METHYL ESTER see: DD6495000
EY9829000 CARBAMIC ACID, BUTYL-, (((2-CHLORO-10H-PHENOTHIAZIN-10-YL)CARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER
UPDT:8311 CAS: 65241-06-7 MW: 563.17 MOLFM: C27-H35-Cl-N4-O5-S
SYN: BUTYLCARBAMIC ACID (((2-CHLORO-10H-PHENOTHIAZIN-10-YL)CARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 12,488,77
EY9830000 CARBAMIC ACID, BUTYL-, 1-CHLORO-3-PHENOXY-2-PROPYL ESTER
UPDT:8407 MW: 285.80 MOLFM: C14-H20-Cl-N-O3
SYN: 1-CHLORO-3-PHENOXY-2-PROPYL BUTYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1240 mg/kg PCJOAU 11,769,77
EY9955000 CARBAMIC ACID, BUTYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8306 MW: 252.83 MOLFM: C11-H24-N2-O2 Cl-H
SYN: AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, BUTYLCARBAMATE * BUTYLCARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE BUTYLCARBAMATE * 1345 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:115 mg/kg COREAF 251,3119,60
EY9957000 CARBAMIC ACID, BUTYL-, 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER, MONOHYDROCHLORIDE
UPDT:8311 CAS: 60752-80-9 MW: 302.89 MOLFM: C15-H26-N2-O2 Cl-H
SYN: BUTYLCARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:64 mg/kg EJMCA5 12,447,77
CARBAMIC ACID, (BUTYLDIMETHYLSILYL)METHYL ESTER see: PC1919000
EY9980000 CARBAMIC ACID, tert-BUTYL-, (m-(3,3-DIMETHYUREIDO)PHENYL) ESTER
UPDT:8310 CAS: 4849-32-5 MW: 279.38 MOLFM: C14-H21-N3-O3
SYN: tert-BUTYLCARBAMIC ACID ESTER with 3-(m-HYDROXYPHENYL)-1,1-DIMETHYLUREA * 3-(((DIMETHYLAMINO)CARBONYL)AMINO)PHENYL-1,1-DIMETHYLETHYL)CARBAMATE * 1,1-DIMETHYL-3-(3-N-tert-BUTYLCARBAMYLOXY)-PHENYL)UREA * m-(3,3-DIMETHYLHARNSTOFF)-PHENYL-tert-BUTYLCARBAMAT (German) * m-(3,3-DIMETHYLUREIDO)PHENYL-tert-BUTYL CARBAMATE * FMC 11092 * KARBUTILATE * NIA 11092 * TANDEX
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg GUCHAZ 6,310,73
* ivn-mus LD50:320 mg/kg CSLNX* NX#03696
EZ0175000 CARBAMIC ACID, BUTYL ESTER
UPDT:8401 CAS: 592-35-8 MW: 117.17 MOLFM: C5-H11-N-O2
SYN: BUTYL CARBAMATE * USAF FO-1 * USAF EL-101
MUTATION DATA AND REFERENCES:
mma-esc 5000 ppm/3H AMNTA4 85,119,51
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ipr-ham TDLo:492 mg/kg (8D preg) CNREA8 27,1696,67
TUMORIGENIC DATA AND REFERENCES:
3V02J60R60 ipr-mus TDLo:1980 mg/kg/6D-C PSEBAA 132,422,69
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg NTIS** AD277-689
scu-mus LD50:540 mg/kg AJEBAK 45,507,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EZ0400000 CARBAMIC ACID, BUTYLETHYLTHIO-, S-PROPYL ESTER
UPDT:8403 CAS: 1114-71-2 MW: 203.38 MOLFM: C10-H21-N-O-S
SYN: BUTYLETHYLTHIOCARBAMIC ACID S-PROPYL ESTER * CARBAMOTHIOIC ACID, BUTYLETHYL-, S-PROPYL ESTER (9CI) * PEBC * PEBULATE * S-PROPYL-N-AETHYL-N-BUTYL-THIOCARBAMAT (German) * S-PROPYL BUTYLETHYLTHIOCARBAMATE * PROPYL-ETHYLBUTYLTHIOCARBAMATE * PROPYL ETHYLBUTYLTHIOLCARBAMATE * n-PROPYL-N-ETHYL-N-(n-BUTYL)THIOCARBAMATE * PROPYLETHYL-n-BUTYLTHIOCARBAMATE * PROPYL N-ETHYL-N-BUTYLTHIOCARBAMATE * S-(n-PROPYL)-N-ETHYL-N-n-BUTYLTHIOC-RBAMATE * N-PROPYL-N-ETHYL-N-(N-BUTYL)THIOLCARAMATE * R-2061 * STAUFFER R-2061 * TILLAM (Russian) * TILLAM-6-E
TUMORIGENIC DATA AND REFERENCES:
3V03L60P60 scu-mus TDLo:10 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:500 mg/kg 27ZTAP 3,121,69
* orl-rat LD50:921 mg/kg FMCHA2 -,C236,83
* unk-rat LD50:1125 mg/kg EQSSDX 3,618,75
orl-mus LD50:1652 mg/kg PCOC** -,1138,66
* unk-mam LD50:713 mg/kg GISAAA 45(5),29,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EZ1000000 CARBAMIC ACID, BUTYL-, (((2-METHOXY-10H-PHENOTHIAZIN-10-YL)CARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER
UPDT:8311 CAS: 65241-11-4 MW: 558.76 MOLFM: C28-H38-N4-O6-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 12,488,77
CARBAMIC ACID, (BUTYLMETHYLSILYLENE)DIMETHYLENE ESTER see: PC1923000
EZ1275000 CARBAMIC ACID, N-BUTYL-N-NITROSO-, ETHYL ESTER
UPDT:8408 CAS: 6558-78-7 MW: 174.23 MOLFM: C7-H14-N2-O3
SYN: BNUR * N-BUTYL-N-NITROSO ETHYL CARBAMATE * N-BUTYL-N-NITROSOURETHAN * 1-BUTYL 1-NITROSOURETHAN * TL 478
MUTATION DATA AND REFERENCES:
mma-bcs 5 gm/L MUREAV 42,19,77
dnr-bcs 5 gm/L MUREAV 42,19,77
cyt-ham:fbr 120 mg/L/48H MUREAV 48,337,77
cyt-ham:lng 35 mg/L GMCRDC 27,95,81
sce-ham:fbr 100 umol/L JNCIAM 58,1635,77
TUMORIGENIC DATA AND REFERENCES:
3V03T65N60 orl-rat TDLo:500 mg/kg (20D preg) GANNA2 71,811,80
2V03K60 orl-rat TDLo:2240 mg/kg/8W-C GANNA2 65,227,74
3V03T65T61 scu-rat TDLo:150 mg/kg (15-21D preg) GANNA2 71,811,80
2V02K60 orl-mus TDLo:5300 mg/kg/20W-C GANNA2 67,231,76
2V03K60 orl-rat TD :5040 mg/kg/18W-C NIPAA4 78,157,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:900 mg/kg GANNA2 65,227,74
ihl-mus LCLo:300 mg/m3/10M NDRC** NDCrc-132,Nov,42
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EZ1302000 CARBAMIC ACID, BUTYLNITROSO-, 1-NAPHTHYL ESTER
UPDT:8310 MW: 272.33 MOLFM: C15-H16-N2-O3
SYN: N-BUTYL-N-NITROSOCARBAMIC ACID 1-NAPHTHYL ESTER * 1-NAPHTHYL N-BUTYL-N-NITROSOCARBAMATE
MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate ENMUDM 2,395,80
mrc-smc 5 nmol/plate ENMUDM 2,395,80
EZ1308000 CARBAMIC ACID, BUTYL-, ((10H-PHENOTHIAZIN-10-YLCARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER
UPDT:8311 CAS: 65241-01-2 MW: 528.73 MOLFM: C27-H36-N4-O5-S
SYN: BUTYLCARBAMIC ACID ((10H-PHENOTHIAZIN-10-YLCARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 12,488,77
EZ1440000 CARBAMIC ACID, (1-((2-CHLOROETHYL)CARBAMOYL)BUTYL)-, BENZYL ESTER, L-
UPDT:8305 MW: 312.83 MOLFM: C15-H21-Cl-N2-O3
SYN: CARBOBENZOXY-L-LEUCINE CHLORO-2-ETHYLAMIDE (French) * L-(1-((2-CHLOROETHYL)CARBAMOYL)BUTYL)CARBAMIC ACID BENZYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg EJMCA5 17,383,82
EZ2100000 CARBAMIC ACID, (2-CHLOROETHYL)NITROSO-, ETHYL ESTER
UPDT:8401 CAS: 6296-45-3 MW: 180.61 MOLFM: C5-H9-Cl-N2-O3
SYN: N-(beta-CHLOROETHYL)-N-NITROSOURETHAN * 2-CHLOROETHYL-N-NITROSOURETHANE * ETHYL N-(beta-CHLOROETHYL)-N-NITROSOCARBAMATE * TL 134
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate CNREA8 43,175,83
dnd-mus:leu 500 nmol/L CNREA8 43,175,83
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:6 mg/kg CNREA8 31,573,71
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:10 mg/kg CNREA8 31,573,71
ihl-rat LCLo:330 mg/m3/10M NDRC** NDCrc-132,Apr,42
ipr-rat LDLo:6500 ug/kg CNREA8 31,573,71
ihl-mus LC50:75 mg/m3/10M NTIS** PB158-508
ihl-dog LCLo:330 mg/m3/10M NDRC** NDCrc-132,Apr,42
ihl-cat LCLo:330 mg/m3/10M NDRC** NDCrc-132,Apr,42
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EZ2975000 CARBAMIC ACID, 3-(p-CHLOROPHENOXY)-2-HYDROXYPROPYL ESTER
UPDT:8406 CAS: 886-74-8 MW: 245.68 MOLFM: C10-H12-Cl-N-O4
SYN: 3-(p-CHLOROPHENOXY)-2-HYDROXYPROPYL CARBAMATE * 3-(p-CHLOROPHENOXY)-1,2-PROPANEDIOL-1-CARBAMATE * 3-(4-CHLOROPHENOXY)-1,2-PROPANEDIOL-1-CARBAMATE * CHLORPHENESIN CARBAMATE * MAOLATE * 1,2-PROPANEDIOL, 3-(p-CHLOROPHENOXY)-, 1-CARBAMATE * U-19,646
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:60 gm/kg (26W male) OYYAA2 15,725,78
2T12T13 orl-dog TDLo:40 gm/kg (14W pre) OYYAA2 14,27,77
1T03 orl-dog TDLo:40 gm/kg (14W male) OYYAA2 14,27,77
TOXICITY DATA AND REFERENCES:
3F07F08F18 orl-hmn TDLo:23 mg/kg/D 34ZIAG -,171,69
* orl-rat LD50:632 mg/kg IYKEDH 10,710,79
ipr-rat LD50:354 mg/kg 27ZQAG -,386,72
3F17F19J25 scu-rat LD50:952 mg/kg OYYAA2 13,659,77
* ivn-rat LD50:250 mg/kg IYKEDH 10,710,79
* orl-mus LD50:741 mg/kg IYKEDH 10,710,79
* ipr-mus LD50:452 mg/kg IYKEDH 10,710,79
* scu-mus LD50:798 mg/kg IYKEDH 10,710,79
ivn-mus LD50:239 mg/kg 27ZQAG -,386,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EZ3400000 CARBAMIC ACID, 1-(4-CHLOROPHENYL)-1-PHENYL-2-PROPYNYL ESTER
UPDT:8401 MW: 285.74 MOLFM: C16-H12-Cl-N-O2
SYN: 4-CHLORO-alpha-ETHYNYL-alpha-PHENYLBENZENEMETHANOL CARBAMATE * 1-(4-CHLOROPHENYL)-1-PHENYL-2-PROPYNYL CARBAMATE
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:4040 mg/kg/42W-C TXAPA9 21,414,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EZ3480000 CARBAMIC ACID, CYANOACETYL-, ETHYL ESTER
UPDT:8401 CAS: 6629-04-5 MW: 156.16 MOLFM: C6-H8-N2-O3
SYN: N-CYANOACETYL ETHYL CARBAMATE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:2400 mg/kg/4W-I CNREA8 29,2184,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EZ3493000 CARBAMIC ACID, CYCLOHEXYL-, 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER, MONOHYDROCHLORIDE
UPDT:8311 CAS: 60752-96-7 MW: 328.93 MOLFM: C17-H28-N2-O2 Cl-H
SYN: CYCLOHEXYLCARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:70 mg/kg EJMCA5 12,447,77
CARBAMIC ACID, CYCLOHEXYL-, 1,1-DIPHENYL-2-PROPYNYL ESTER (9CI) see: GU7175000
CARBAMIC ACID, CYCLOHEXYLETHYLTHIO-, S-ETHYL ESTER see: GU7200000
EZ3815000 CARBAMIC ACID, ((DIBUTYLAMINO)THIO)METHYL-, 2,2-DIMETHYL-2,3-DIHYDRO-7-BENZOFURANYL ESTER
UPDT:8309 MW: 379.59 MOLFM: C20-H31-N2-O3-S
SYN: ADVANTAGE * CARBOSULFAN * ((DIBUTYLAMINO)THIO)METHYLCARBAMIC ACID, 2,2-DIMETHYL-2,3-DIHYDRO-7-BENZOFURANYL ESTER * 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL (DI-n-BUTYLAMINOSULFENYL)METHYLCARBAMATE * 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL((DIBUTYLAMINO)THIO) METHYL CARBAMATE * FMC 35001 * MARSHAL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:51 mg/kg JAFCAU 30,555,82
* orl-mus LD50:74 mg/kg JAFCAU 30,555,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EZ3823000 CARBAMIC ACID, DIBUTYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8306 CAS: 2019-65-0 MW: 308.95 MOLFM: C15-H32-N2-O2 Cl-H

BEST COPY AVAILABLE

SYN: AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, DIBUTYLCARBAMATE * DIBUTYLCARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE DIBUTYLCARBAMATE * 1346 HC

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:38 mg/kg COREAF 251,3119,80

CARBAMIC ACID, DIBUTYLDITHIO-, NICKEL SALT see: QR6140000
CARBAMIC ACID, DIBUTYLDITHIO-, S-TRIBUTYLSTANNYL ESTER see: WH7138000
CARBAMIC ACID, DIBUTYLDITHIO-, ZINC complex see: ZH0175000
CARBAMIC ACID, (3,4-DICHLOROPHENYL)-, METHYL ESTER see: FD8750000

EZ4215000 CARBAMIC ACID, 2,4-DICHLOROPHENYL-, PYRROLIDINYL ESTER

UPDT:8309 MW: 275.15 MOLFM: C11-H12-Cl2-N2-O2

SYN: LOLOP GRANULE * PYROLIDYNYL-2,4-DICHLOROPHENYL CARBAMATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:850 mg/kg FMCHA2 -,C142,83

EZ4215400 CARBAMIC ACID, DICYCLOHEXYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8306 CAS: 23385-28-6 MW: 361.03 MOLFM: C19-H36-N2-O2 Cl-H

SYN: AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE DICYCLOHEXYLCARBAMATE * DICYCLOHEXYLCARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE DICYCLOHEXYLCARBAMATE * 1350 HC

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:22 mg/kg COREAF 251,3119,80

CARBAMIC ACID, (2-((DIETHOXYPHOSPHINOTHIOYL)THIO)ETHYL)-, ETHYL ESTER see: FA3325000

EZ4217100 CARBAMIC ACID, (1-((4-(2-(DIETHYLAMINO)ETHOXY)PHENYL)METHYL)-2-(DIPROPYLAMINO)-2-OXOETHYL)-, BENZYL ESTER, OXALATE, (+ -)-

UPDT:8412 CAS: 57287-53-3 MW: 587.79 MOLFM: C29-H43-N3-O4 C2-H2-O4

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:32400 ug/kg USXXAM #4004008

EZ4217200 CARBAMIC ACID, (1-((4-(2-(DIETHYLAMINO)ETHOXY)PHENYL)METHYL)-2-(DIPROPYLAMINO)-2-OXOETHYL)-, BENZYL ESTER, OXALATE, (R)-

UPDT:8412 CAS: 57228-61-7 MW: 587.79 MOLFM: C29-H43-N3-O4 C2-H2-O4

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:34 mg/kg USXXAM #4004008

EZ4217250 CARBAMIC ACID, (1-((4-(2-(DIETHYLAMINO)ETHOXY)PHENYL)METHYL)-2-(DIPROPYLAMINO)-2-OXOETHYL BENZYL ESTER, OXALATE, (S)-

UPDT:8412 CAS: 57228-42-9 MW: 587.79 MOLFM: C29-H43-N3-O4 C2-H2-O4

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:31500 ug/kg USXXAM #4004008

EZ4217300 CARBAMIC ACID, (2-(DIETHYLAMINO)ETHYL)-, BENZYL ESTER, MONOHYDROCHLORIDE

UPDT:8412 MW: 286.84 MOLFM: C14-H22-N2-O2 Cl-H

SYN: BENZYL N-(2-(DIETHYLAMINO)ETHYL)CARBAMATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* 1C17 ivn-mus LD50:76 mg/kg ARZNAD 10,475,60

EZ4217500 CARBAMIC ACID, N-(2-(DIETHYLAMINO)ETHYL)-, 6-CHLORO-o-TOLYL ESTER, HYDROCHLORIDE

UPDT:8412 MW: 321.28 MOLFM: C14-H21-Cl-N2-O2 Cl-H

SYN: C 5307 * N-(2-(DIETHYLAMINO)ETHYL)CARBAMIC ACID, 6-CHLORO-o-TOLYL ESTER HYDROCHLORIDE

IRRITATION DATA AND REFERENCES:
eye-rbt 2% MLD ARZNAD 8,708,58

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:52 mg/kg ARZNAD 8,708,58
scu-mus LD50:84 mg/kg ARZNAD 8,708,58

EZ4226230 CARBAMIC ACID, (2-(DIETHYLAMINO)ETHYL)-, p-METHYLBENZYL ESTER, MONOHYDROCHLORIDE

UPDT:8407 MW: 300.87 MOLFM: C15-H24-N2-O2 Cl-H

SYN: p-METHYLBENZYL N-(2-(DIETHYLAMINO)ETHYL)CARBAMATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:50 mg/kg ARZNAD 10,475,60

EZ4800000 CARBAMIC ACID, DIETHYLDITHIO-, ANHYDROSULFIDE with DIMETHYLTHIOCARBAMIC ACID

UPDT:8303 MW: 220.38 MOLFM: C8-H16-N2-O-S2

SYN: DDS * DIETHYLDITHIOCARBAMIC ACID ANHYDROSULFIDE with DIMETHYLTHIOCARBAMIC ACID * DIMETHYLCARBAMYL DIETHYLTHIOCARBAMYL SULFIDE

TOXICITY DATA AND REFERENCES:
3F12F23J30 ipr-rat LD50:900 ug/kg AIPTAK 108,27,56
3F12F23J30 ipr-mus LD50:800 ug/kg AIPTAK 108,27,56
3F12F23J30 ivn-dog LD50:200 ug/kg AIPTAK 108,27,56

CARBAMIC ACID, DIETHYLDITHIO-, CADMIUM SALT see: FU9850000

EZ5075000 CARBAMIC ACID, DIETHYLDITHIO-, 2-CHLOROALLYL ESTER

UPDT:8412 CAS: 95-06-7 MW: 223.80 MOLFM: C8-H14-Cl-N-S2

SYN: CARBAMODITHIOIC ACID, DIETHYL-, 2-CHLORO-2-PROPENYL ESTER (9CI) * CDEC * CHLOROALLYL DIETHYLDITHIOCARBAMATE * 2-CHLOROALLYL DIETHYLDITHIOCARBAMATE * 2-CHLOROALLYL N,N-DIETHYLDITHIOCARBAMATE * 2-CHLORO-2-PROPENE-1-THIOL DIETHYLDITHIOCARBAMATE * 2-CHLORO-2-PROPENYL DIETHYLCARBAMODITHIOATE * CP 4572 * CP 4,742 * DIETHYLCARBAMODITHIOIC ACID 2-CHLORO-2-PROPENYL ESTER * DIETHYLDITHIOCARBAMIC ACID 2-CHLOROALLYL ESTER * NCI-C00453 * 2-PROPENE-1-THIOL 2-CHLORO-, DIETHYLDITHIOCARBAMATE * SULFALLATE * THIOALLATE * VEGADEX * VEGADEX SUPER * VEGEDEX

MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate PMRSDJ 2,87,81
mma-sat 10 uL/plate PMRSDJ 2,87,81
mma-omi 1100 ug/plate CBINAB 22,297,78
mma-asn 20 uL/plate JSFAAE 32,826,81

TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:6825 mg/kg/78W-C NCITR* NCI-CG-TR-115,78
3V01J60R60 orl-mus TDLo:59 gm/kg/78W-C NCITR* NCI-CG-TR-115,78
3V01K60R60 orl-rat TD :11 gm/kg/78W-I NCITR* NCI-CG-TR-115,78
3V01J60R60 orl-mus TD :120 gm/kg/78W-I NCITR* NCI-CG-TR-115,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:850 mg/kg RREVAH 10,97,65
skn-rbt LD50:2200 mg/kg 85DPAN -,-,71/76

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 30,283,83
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 30,283,83

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE;MOUSE, RAT (NCITR* NCI-CG-TR-115,78)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EZ5700000 CARBAMIC ACID, DIETHYLDITHIO-, METHYL ESTER

UPDT:8411 CAS: 686-07-7 MW: 163.32 MOLFM: C6-H13-N-S2

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:167 mg/kg ACRSDM 7,307,83
* ipr-mus LD50:263 mg/kg ACRSDM 7,307,83

EZ5900000 CARBAMIC ACID, DIETHYLDITHIO-, 2-PYRIDYLMETHYL ESTER

UPDT:8403 MW: 240.41 MOLFM: C11-H16-N2-S2

SYN: DIETHYLDITHIOCARBAMIC ACID 2-PYRIDYLMETHYL ESTER

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg EJMCA5 18,515,83

EZ6300000 CARBAMIC ACID, DIETHYLDITHIO-, SELENIUM(II) SALT

UPDT:7901 CAS: 136-92-5 MW: 375.52 MOLFM: C10-H20-N2-S4 Se

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg NCNSA6 5,40,53
ipr-rat LDLo:50 mg/kg NCNSA6 5,40,53

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

EZ6475000 CARBAMIC ACID, DIETHYLDITHIO-, SODIUM SALT

UPDT:8412 CAS: 148-18-5 MW: 171.27 MOLFM: C5-H10-N-S2 Na

SYN: CARBAMODITHIOIC ACID DIETHYL SODIUM SALT (9CI) * CUPRAL * DDC * DEDC * DEDK * DIETHYLCARBAMODITHIOIC ACID, SODIUM SALT * DIETHYLDITHIOCARBAMATE SODIUM * DIETHYLDITHIOCARBAMIC ACID SODIUM * DIETHYLDITHIOCARBAMIC ACID, SODIUM SALT * DIETHYL SODIUM DITHIOCARBAMATE * DITHIOCARB * DITHIOCARBAMATE * NCI-C02835 * SODIUM DEDT * SODIUM DIETHYLDITHIOCARBAMATE * SODIUM N,N-DIETHYLDITHIOCARBAMATE * SODIUM SALT of N,N-DIETHYLDITHIOCARBAMIC ACID * THIOCARB * USAF EK-2596

MUTATION DATA AND REFERENCES:
oms-omi 100 umol/L BBACAQ 519,65,78
dnd-hma:hla 100 umol/L BBACAQ 519,65,78
cyt-rat-orl 5200 mg/kg MUREAV 53,212,78
dni-ckn:emb 4 umol/L BBACAQ 519,65,78
oms-ckn:emb 40 umol/L BBACAQ 519,65,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T24T26T34 scu-mus TDLo:1935 mg/kg (6-14D preg) NTIS** PB223-160
3T35T42T43 scu-mus TDLo:1935 mg/kg (6-14D preg) NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:
3V02J60L60 orl-mus TDLo:76 gm/kg/78W-I NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1500 mg/kg DRFUD4 6,225,81
* ipr-rat LD50:1250 mg/kg PHARAT 27,139,72
* orl-mus LD50:1500 mg/kg DRFUD4 6,225,81
* ipr-mus LD50:1500 mg/kg DRFUD4 6,225,81
* scu-rbt LD50:500 mg/kg APTOA6 8,329,52

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CNDQA8 10(3),43,75; CTOXAO 12(5),601,78
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 12,217,76

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-172,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EZ6825000 CARBAMIC ACID, DIETHYLDITHIO-, TIN(II) SALT

UPDT:7901 CAS: 16248-90-1 MW: 415.25 MOLFM: C10-H20-N2-S4 Sn

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:250 mg/kg NCNSA6 5,43,53

REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74

EZ6840000 CARBAMIC ACID, DIETHYLDITHIO-, TRIMETHYLSILYL ESTER

UPDT:8305 CAS: 18881-37-7 MW: 321.49 MOLFM: C8-H19-N-S2-Si

SYN: CARBAMODITHIOIC ACID, DIETHYL-, TRIMETHYLSILYL ESTER * DIETHYLDITHIOCARBAMIC ACID TRIMETHYLSILYL ESTER

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg INDRBA 16,231,79

EZ6900000 CARBAMIC ACID, DIETHYL-, ETHYL ESTER

UPDT:8401 CAS: 3553-80-8 MW: 145.23 MOLFM: C7-H15-N-O2

SYN: ETHYL N,N-DIETHYL CARBAMATE

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:4875 mg/kg/13W-I JNCIAM 9,35,48

TOXICITY DATA AND REFERENCES:
scu-mus LD50:680 mg/kg AJEBAK 45,507,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EZ7259400 CARBAMIC ACID, DIETHYLTHIO-, S-(o-CHLOROBENZYL) ESTER

UPDT:8309 CAS: 34622-58-7 MW: 257.80 MOLFM: C12-H16-Cl-N-O-S

SYN: B 3356 * CARBAMOTHIOIC ACID, DIETHYL-, S-((2-CHLOROPHENYL)METHYL) ESTER (9CI) * S-(2-CHLOROBENZYL)-N,N-DIETHYLTHIOLCARBAMATE * DIETHYLTHIOCARBAMIC ACID S-(o-CHLOROBENZYL) ESTER * LANRAY * ORBENCARB * ORTHOBENCARB

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1832 mg/kg FMCHA2 -,C173,83

EZ7260000 CARBAMIC ACID, DIETHYLTHIO-, S-(p-CHLOROBENZYL) ESTER

UPDT:8309 CAS: 28249-77-6 MW: 257.80 MOLFM: C12-H16-Cl-N-O-S

SYN: B 3015 * BENTHIOCARB * BOLERO * CARBAMOTHIOIC ACID, DIETHYL-, S-((4-CHLOROPHENYL)METHYL) ESTER * S-(4-CHLOROBENZYL) N,N-DIETHYLTHIOCARBAMATE * S-((4-CHLOROPHENYL)METHYL)DIETHYLCARBAMOTHIOATE * IMC 3950 * SATURN * SATURNO * SIACARB * TAMARIZ * THIOBENCARB

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1903 mg/kg FMCHA2 -,C233,83
orl-mus LD50:560 mg/kg GUCHAZ 6,37,73

EZ7290000 CARBAMIC ACID, DIETHYLTHIO-, S-ETHYL ESTER

UPDT:8401 CAS: 2941-55-1 MW: 161.29 MOLFM: C7-H15-N-O-S

SYN: ETHIOLATE * S-ETHYL DIETHYLCARBAMOTHIOATE * S-ETHYL DIETHYLTHIOCARBAMATE * PREFOX * S6176 * S 15076

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:400 mg/kg FMCHA2 -,C194,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EZ7525000 CARBAMIC ACID, DIISOBUTYLTHIO-, S-ETHYL ESTER

UPDT:8403 CAS: 2008-41-5 MW: 217.41 MOLFM: C11-H23-N-O-S

SYN: BIS(2-METHYLPROPYL)CARBAMOTHIOIC ACID S-ETHYL ESTER * BUTILATE * BUTYLATE * CARBAMOTHIOIC ACID, BIS(2-METHYLPROPYL)-, S-ETHYL ESTER * DIISOBUTYLTHIOCARBAMIC ACID S-ETHYL ESTER * DIISOCARB * S-ETHYL BIS(2-METHYLPROPYL)CARBAMOTHIOATE * ETHYL N,N-DIISOBUTYLTHIOCARBAMATE * S-ETHYLDIISOBUTYL THIOCARBAMATE * S-ETHYL N,N-DIISOBUTYLTHIOCARBAMATE * ETHYL N,N-DIISOBUTYL THIOLCARBAMATE * R 1910 * STAUFFER R 1910 * SUTAN

MUTATION DATA AND REFERENCES:
cyt-mus-unk 1 gm/kg TGANAK 14(6),41,80
cyt-mus-orl 1 gm/kg CYGEDX 14(6),38,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg WRPCA2 9,119,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EZ8100000 CARBAMIC ACID, DIISOPROPYL-, ETHYL ESTER

UPDT:8401 MW: 173.29 MOLFM: C9-H19-N-O2

SYN: DIISOPROPYL ETHYL CARBAMATE * N,N-DIISOPROPYL ETHYL CARBAMATE

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:6500 mg/kg/13W-I JNCIAM 9,35,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EZ8225000 CARBAMIC ACID, DIISOPROPYLTHIO-, S-(2,3-DICHLOROALLYL) ESTER

UPDT:8408 CAS: 2303-16-4 MW: 270.26 MOLFM: C10-H17-Cl2-N-O-S

SYN: AVADEX * BIS(1-METHYLETHYL) CARBAMOTHIOIC ACID, S-(2,3-DICHLORO-2-PROPENYL)ESTER * CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER * CP 15,336 * DATC * 2,3-DCDT * DIALLAAT (Dutch) * DIALLAT (German) * DIALLATE * S-(2,3-DICHLOR ALLYL)-N,N-DIISOPROPYL-MONOTHIOCARBAMAAT (Dutch) * S-(2,3-DICHLORO-ALLIL)-N,N-DIISOPROPIL MONOTIOCARBAMMATO (Italian) * DICHLORALLYL DIISOPROPYLTHIOCARBAMATE * S-2,3-DICHLOROALLYL DIISOPROPYLTHIOCARBAMATE * 2,3-DICHLOROALLYL N,N-DIISOPROPYLTHIOLCARBAMATE * 2,3-DICHLORO-2-PROPENE-1-THIOL DIISOPROPYLCARBAMATE * DIISOPROPYLTHIOCARBAMIC ACID, S-(2,3-DICHLOROALLYL) ESTER * DI-ISOPROPYLTHIOLOCARBAMATE DE S-(2,3-DICHLORO ALLYLE) (French) * 2-PROPENE-1-THIOL, 2,3-DICHLORO-, DIISOPROPYLCARBAMATE * PYRADER * RCRA WASTE NUMBER U062

MUTATION DATA AND REFERENCES:

mmo-sat 500 ug/plate	MUREAV 85,45,81
mma-sat 1 ug/plate	JAFCAU 26,146,78
mmo-omi 400 ug/plate	CBINA8 22,297,78
sln-dmg-orl 12 ppm/3D-I	NTIS** PB84-138973
mrc-smc 30 ppm	NTIS** PB84-138973
msc-mus:lym 18 mg/L	NTIS** PB84-138973
dnd-ham:ovr 200 umol/L	MUREAV 85,45,81
cyt-ham:ovr 200 umol/L	MUREAV 85,45,81
sce-ham:ovr 20 umol/L	MUREAV 85,45,81

TUMORIGENIC DATA AND REFERENCES:

2V03R60 orl-rat TDLo:4095 mg/kg/78W-C	JJIND8 67,75,81
3V01J60L60 orl-mus TDLo:68 gm/kg/84W-C	JNCIAM 42,1101,69
1V03 unk-mus TDLo:1000 mg/kg	JPFCD2 B15,929,80

TOXICITY DATA AND REFERENCES:

orl-rat LD50:395 mg/kg	RREVAH 10,97,65
unk-rat LD50:393 mg/kg	30ZDA9 -,210,71
orl-dog LD50:510 mg/kg	28ZEAL 5,71,76
skn-rbt LD50:2000 mg/kg	WRPCA2 9,119,70
orl-gpg LD50:420 mg/kg	HYSAAV 34(10-12),356,69
* unk-mam LD50:395 mg/kg	GISAAA 45(5),29,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: DTTIAF 80(20),485,73; 85CVA2 5,250,70

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 12,69,76

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 30,235,83

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EZ8225050 CARBAMIC ACID, DIISOPROPYLTHIO-, S-(2,3-DICHLOROALLYL) ESTER, (E)-

UPDT:8411 CAS: 17708-58-6 MW: 270.24 MOLFM: C10-H17-Cl2-N-O-S

MUTATION DATA AND REFERENCES:

mma-sat 40 nmol/L	SCIEAS 205,1013,79

EZ8225200 CARBAMIC ACID, DIISOPROPYLTHIO-, S-(2,3-DICHLOROALLYL) ESTER, S-OXIDE, (Z)-

UPDT:8411 MW: 286.24 MOLFM: C10-H17-Cl2-N-O2-S

MUTATION DATA AND REFERENCES:

mma-sat 20 nmol/L	SCIEAS 205,1013,79

EZ8575000 CARBAMIC ACID, DIISOPROPYLTHIO-, S-(2,3,3-TRICHLOROALLYL) ESTER

UPDT:8408 CAS: 2303-17-5 MW: 304.68 MOLFM: C10-H16-Cl3-N-O-S

SYN: AVADEX BW * CP 23426 * N-DIISOPROPYLTHIOCARBAMIC ACID S-2,3,3-TRICHLORO-2-PROPENYL ESTER * N,N-DIISOPROPYL-2,3,3-TRICHLOROALLYL THIOLCARBAMAT (German) * FAR-GO * 2-PROPENE-1-THIOL, 2,3,3-TRICHLORO-, DIISOPROPYLCARBAMATE * THIOCARBAMIC ACID, N-DIISOPROPYL-, S-2,3,3-TRICHLOROALLYL ESTER * TRIALLATE * S-2,3,3-TRICHLOROALLYL N,N-DIISOPROPYLTHIOCARBAMATE * 2,3,3-TRICHLOROALLYL DIISOPROPYLTHIOCARBAMATE

MUTATION DATA AND REFERENCES:

mmo-sat 4800 ug/plate	MUREAV 57,277,78
mma-sat 164 nmol/plate	MUREAV 136,55,84
mmo-bcs 50 ug/plate	JAFCAU 29,268,81
mma-bcs 50 ug/plate	JAFCAU 29,268,81
mmo-omi 4800 ug/plate	CBINA8 22,297,78
mrc-smc 40 ppm	NTIS** PB84-138973
msc-mus:lym 10 mg/L	NTIS** PB84-138973
cyt-ham:ovr 100 umol/L	MUREAV 85,45,81
sce-ham:ovr 20 umol/L	MUREAV 85,45,81

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1471 mg/kg	HYSAAV 33,41,68
* unk-rat LD50:1471 mg/kg	EQSSDX 3,618,75
* unk-mus LD50:832 mg/kg	TGANAK 16(1),45,82
skn-rbt LD50:2225 mg/kg	28ZEAL 5,226,76

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EZ8738100 CARBAMIC ACID, (p-(2-(DIMETHYLAMINO)ETHOXY)-alpha-(MORPHOLINOCARBAMOYL)PHENETHYL)-, BENZYL ESTER, (S)-

UPDT:8410 MW: 560.67 MOLFM: C25-H34-N4-O5 C2-H2-O4

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:128 mg/kg	USXXAM #4004008

EZ8738200 CARBAMIC ACID, (1-((4-(2-(DIMETHYLAMINO)ETHOXY)PHENYL)METHYL)-2-(DIPROPYLAMINO)- 2-OXOETHYL)-, BENZYL ESTER, OXALATE, (S)-

UPDT:8410 CAS: 57228-40-7 MW: 559.73 MOLFM: C27-H39-N3-O4 C2-H2-O4

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:63 mg/kg	USXXAM #4004008

EZ8738300 CARBAMIC ACID, (1-((4-(2-(DIMETHYLAMINO)ETHOXY)PHENYL)METHYL)-2-(DIPROPYLAMINO)-2-OXOETHYL)-, (p-NITROBENZYL) ESTER, (S)-

UPDT:8410 CAS: 57228-55-4 MW: 514.69 MOLFM: C27-H38-N4 O6

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:100 mg/kg	USXXAM #4004008

EZ8738400 CARBAMIC ACID, (1-((4-(2-(DIMETHYLAMINO)ETHOXY)PHENYL)METHYL)-2-(ETHYLAMINO)-2-OXOETHYL)-, BENZYL ESTER, OXALATE, (S)-

UPDT:8412 CAS: 57228-49-6 MW: 503.61 MOLFM: C23-H31-N3-O4 C2-H2-O4

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:139 mg/kg	USXXAM #4004008

EZ8738500 CARBAMIC ACID, (1-((4-(2-(DIMETHYLAMINO)ETHOXY)PHENYL)METHYL)-2-OXO-2-(BENZYLAMINO)ETHYL)-, BENZYL ESTER, HYDROCHLORIDE, (S)-

UPDT:8410 CAS: 57228-51-0 MW: 512.10 MOLFM: C28-H33-N3-O4 Cl-H

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:87700 ug/kg	USXXAM #4004008

EZ8740100 CARBAMIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8408 CAS: 66840-27-5 MW: 168.65 MOLFM: C5-H12-N2-O2 Cl-H

SYN: N-DEMETHYLATED CARBACHOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:501 mg/kg	JPMSAE 67,531,78

CARBAMIC ACID, 3-DIMETHYLAMINOPHENYL ESTER, METHIODIDE see: BR4200000

EZ8860000 CARBAMIC ACID, (3-(DIMETHYLAMINO)PROPYL)-, PROPYL ESTER, HYDROCHLORIDE

UPDT:8401 MW: 224.77 MOLFM: C9-H20-N2-O2 Cl-H

SYN: BANOL TURF FUNGICIDE * PREVEX * PREVICUR-N * PROPAMOCARB HYDROCHLORIDE * PROPYL (3-(DIMETHYLAMINO)PROPYL)CARBAMATE MONOHYDROCHLORIDE * SN 66752

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:7860 ug/kg	FMCHA2 -,C196,83
* orl-mus LD50:1440 mg/kg	FMCHA2 -,C196,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EZ8870000 CARBAMIC ACID, (3-DIMETHYLAMINOPROPYL)THIO-, S-ETHYL ESTER, HYDROCHLORIDE

UPDT:8309 CAS: 19622-19-6 MW: 226.80 MOLFM: C8-H18-N2-O-S Cl-H

SYN: N-(3-DIMETHYLAMINOPROPYL) THIOCARBAMINSAEURE-S-AETHYLESTER-HYDROCHLORID (German) * DYRNONE * S-ETHYL N-(3-DIMETHYLAMINOPROPYL)THIOL CARBAMATE HYDROCHLORIDE * PREVICUR * PROTHIOCARB * SN 41703

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1300 mg/kg	85ARAE 4,59,76
ipr-rat LD50:770 mg/kg	85DPAN -,-,71/76
orl-mus LD50:660 mg/kg	85DPAN -,-,71/76

EZ8932000 CARBAMIC ACID, DIMETHYL-, APORPHINE-10,11-DIYL ESTER

UPDT:8312 CAS: 61389-38-6 MW: 413.51 MOLFM: C23-H27-N-O6

SYN: DIMETHYLCARBAMIC ACID APORPHINE-10,11-DIYL ESTER

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:18 mg/kg	JPMSAE 65,1682,76

EZ9010000 CARBAMIC ACID, DIMETHYL-, BENZO(b)THIEN-4-YL ESTER

UPDT:8309 CAS: 1016-46-2 MW: 221.29 MOLFM: C11-H11-N-O2-S

SYN: BENZO(B)THIEN-4-YL DIMETHYLCARBAMATE * ENT 27,376 * MC 740 * MOBIL MC 740 * NSC 190969

TOXICITY DATA AND REFERENCES:

orl-rat LD50:34 mg/kg	ARSIM* 20,14,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, 2,2-DIMETHYLBUTYL ESTER see: EL3083500

CARBAMIC ACID, 3,3-DIMETHYLBUTYL ESTER see: EL3083600

EZ9033500 CARBAMIC ACID, DIMETHYL-, 7-CHLORO-2,3-DIHYDRO-1-METHYL-2-OXO-5-PHENYL- 1H-1,4-BENZODIAZEPIN-3-YL ESTER

UPDT:8412 CAS: 36104-80-0 MW: 371.85 MOLFM: C19-H18-Cl-N3-O3

SYN: ALBEGO * B 5333 * CAMAZEPAM * 7-CHLORO-1,3-DIHYDRO-3-(N,N-DIMETHYLCARBAMOYL)-1-METHYL-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE * 7-CHLORO-1,3-DIHYDRO-3-HYDROXY-1-METHYL-5-PHENYL-1,4-BENZODIAZEPIN-2-ONE DIMETHYLCARBAMATE * SB 5833

TOXICITY DATA AND REFERENCES:

orl-mus LD50:970 mg/kg	DRFUD4 1,458,76
ipr-mus LD50:800 mg/kg	DRFUD4 1,458,76

EZ9084000 CARBAMIC ACID, DIMETHYL-, 1-((DIMETHYLAMINO)CARBONYL)-5-METHYL-1H-PYRAZOL-3-YL ESTER

UPDT:8403 CAS: 644-64-4 MW: 240.30 MOLFM: C10-H16-N4-O3

SYN: CARBAMIC ACID, DIMETHYL-, 5-METHYL 1H-PYRAZOL-3-YL ESTER * DIMETHYLCARBAMIC ACID 1-((DIMETHYLAMINO)CARBONYL)-5-METHYL-1H-PYRAZOL-3-YL ESTER * DIMETHYLCARBAMIC ACID ESTER with 3-HYDROXY-N,N,5-TRIMETHYLPYRAZOLE-1-CARBOXAMIDE * 1-DIMETHYLCARBAMOYL-5-METHYL-3-PYRAZOLYL DIMETHYLCARBAMATE * 2-DIMETHYLCARBAMOYL-3-METHYL-5-PYRAZOLYL DIMETHYLCARBAMATE * DIMETHYL 2-CARBAMYL 3-METHYLPYRAZOLYLDIMETHYLCARBAMATE * 2-(N,N-DIMETHYLCARBAMYL)-3-METHYLPYRAZOLYL-5 N,N-DIMETHYLCARBAMATE * DIMETILAN * ENT 25595-X * ENT 25 922 * G-22870 * GEIGY 22870 * GEIGY GS-13332 * GS-13332 * 5-METHYL-1H-PYRAZOL-3-YL DIMETHYLCARBAMATE * PYRAZOLE-1-CARBOXAMIDE, 3-HYDROXY-N,N,5-TRIMETHYL-, DIMETHYLCARBAMATE (ester) * SNIP * SNIP FLY * SNIP FLY BANDS

TOXICITY DATA AND REFERENCES:

orl-rat LD50:25 mg/kg	PHJOAV 185,361,60
skn-rat LD50:600 mg/kg	PHJOAV 185,361,60
orl-mus LD50:60 mg/kg	GUCHAZ 6,222,73
ipr-mus LD50:12 mg/kg	BECTA6 2,163,67
skn-rbt LD50:2000 mg/kg	PCOC** -,393,66
orl-gpg LD50:63 mg/kg	85DPAN -,-,71/76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EZ9100000 CARBAMIC ACID, DIMETHYL-, 2-(DIMETHYLAMINO)-5,6-DIMETHYL-4-PYRIMIDYL ESTER

UPDT:8408 CAS: 23103-98-2 MW: 238.33 MOLFM: C11-H18-N4-O2

SYN: ABOL * AFICIDA * APHOX * 2-(DIMETHYLAMINO)-5,6-DIMETHYL-4-PYRIMIDINYLDIMETHYLCARBAMATE * DIMETHYLCARBAMIC ACID 2-(DIMETHYLAMINO)-5,6-DIMETHYL-4-PYRIMIDINYL ESTER * 5,6-DIMETHYL-2-DIMETHYLAMINO-4-PYRIMIDINYLDIMETHYLCARBAMATE * ENT-27766 * FERNOS * PIRIMICARB * PIRIMOR * PP 062 * PYRIMOR * RAPID

MUTATION DATA AND REFERENCES:

cyt-hmn:lym 10 mg/L	CYGEDX 15(2),74,81
cyt-mus-unk 2 mg/kg	TGANAK 14(6),41,80
cyt-mus-orl 2 mg/kg	CYGEDX 14(6),38,80

TOXICITY DATA AND REFERENCES:

orl-rat LD50:147 mg/kg	CHINAG (30),1018,69
orl-mus LD50:107 mg/kg	28ZEAL 5,184,76
orl-dog LD50:100 mg/kg	28ZEAL 5,184,76
orl-ckn LD50:25 mg/kg	28ZEAL 5,184,76

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, N,N-DIMETHYL-, 3-DIMETHYLARSINOPHENYL ESTER, METHIODIDE see: CH9910000

EZ9449200 CARBAMIC ACID, DIMETHYLDITHIO-, ACETONYL ESTER

UPDT:8312 MW: 177.30 MOLFM: C6-H11-N-O-S2

SYN: DIMETHYLDITHIOCARBAMIC ACID ACETONYL ESTER

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:3 gm/kg	APFRAD 14,720,56

EZ9449700 CARBAMIC ACID, DIMETHYLDITHIO-, ACETONYL ESTER, OXIME

UPDT:8306 MW: 192.32 MOLFM: C6-H12-N2-O-S2

SYN: DIMETHYLDITHIOCARBAMIC ACID ACETONYL ESTER OXIME

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1330 mg/kg	AIPTAK 112,36,57

CARBAMIC ACID, DIMETHYLDITHIO-, ANHYDROSULFIDE see: WQ1750000

EZ9680000 CARBAMIC ACID, DIMETHYLDITHIO-, BIS(ANHYDROSULFIDE) with DITHIOMETHANEARSONOUS ACID

UPDT:8310 CAS: 2445-07-0 MW: 330.40 MOLFM: C7-H15-As-N2-S4

SYN: BIS(DIMETHYLTHIOCARBAMOYLTHIO)METHYL ARSINE * METHANEARSONOUS ACID, DITHIO-, BIS(ANHYDROSULFIDE) with DIMETHYLDITHIOCARBAMIC ACID * METHYLARSENIC DIMETHYL DITHIOCARBAMATE * METHYL ARSINE,BIS(DIMETHYLDITHIOCARBAMATE) * METHYLBIS(DIMETHYLTHIOCARBAMOYLTHIO)ARSINE * MONZET * TUZET * URBACID * URBACIDE * URBAZID

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1000 mg/kg	FMCHA2 -,C249,83

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

CARBAMIC ACID, DIMETHYLDITHIO-, BISMUTH SALT see: EB3400000

FA0250000 CARBAMIC ACID, DIMETHYLDITHIO-, DIMETHYLAMINE SALT (1:1)

UPDT:8401 CAS: 598-64-1 MW: 164.31 MOLFM: C5-H12-N2-S2

SYN: DIMETHYLDITHIOCARBAMIC ACID compd with DIMETHYLAMINE (1:1) * DIMETHYLDITHIOCARBAMIC ACID DIMETHYL AMINE SALT * DIMETHYLDITHIOCARBAMIC ACID DIMETHYLAMMONIUM SALT

TUMORIGENIC DATA AND REFERENCES:

3V03J60L60 orl-mus TDLo:29 gm/kg/78W-I	NTIS** PB223-159
3V03J60P60 scu-mus TDLo:464 mg/kg	NTIS** PB223-159

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FA0540000 CARBAMIC ACID, DIMETHYLDITHIO-, ESTER with MERCAPTO-2-PROPANONE OXIME

UPDT:8312 MW: 192.32 MOLFM: C6-H12-N2-O-S2

SYN: DIMETHYLDITHIOCARBAMIC ACID ESTER with MERCAPTO-2-PROPANONE OXIME

TOXICITY DATA AND REFERENCES:

* orl-mus LDLo:3 gm/kg APFRAD 14,720,56

FA0550000 CARBAMIC ACID, DIMETHYLDITHIO-, ESTER with MERCAPTO-2-PROPANONE 3-THIOSEMICARBAZONE

UPDT:8312 MW: 250.43 MOLFM: C7-H14-N4-S3

SYN: DIMETHYLDITHIOCARBAMIC ACID ESTER with MERCAPTO-2-PROPANONE 3-THIOSEMICARBAZONE

TOXICITY DATA AND REFERENCES:

* orl-mus LDLo:1500 mg/kg APFRAD 14,720,56

CARBAMIC ACID, DIMETHYLDITHIO-, IRON SALT see: NO8750000

CARBAMIC ACID, DIMETHYLDITHIO-, LEAD SALT see: OF8850000

CARBAMIC ACID, DIMETHYLDITHIO-, SODIUM SALT see: FD3500000

CARBAMIC ACID, DIMETHYLDITHIO-, TRIS(ANHYDROSULFIDE) with THIOARSENIOUS ACID (BCI) see: CH9000000

CARBAMIC ACID, DIMETHYLDITHIO-, ZINC SALT see: ZH0525000

FA1070000 CARBAMIC ACID, (((8-beta)-1,6-DIMETHYLERGOLIN-8-YL)METHYL)-, BENZYL ESTER

UPDT:8403 CAS: 17692-51-2 MW: 403.57 MOLFM: C25-H29-N3-O2

SYN: D-8-beta-(((CARBOBENZOXYAMINO)METHYL)-1,6-DIMETHYL 10-alpha-ERGOLINE * D-N-CARBOBENZOXYDIMYDRO-1-METHYLLYSERGAMINE I * D-8-beta-(((CARBOXYAMINO)METHYL) 1,6-DIMETHYLERGOLINE I BENZYL ESTER * D-N-CARBOXYDIHYDRO-1-METHYLLYSERGAMINE I BENZYL ESTER * (((8-beta)-1,6-DIMETHYLERGOLIN-8-YL)METHYL)CARBAMIC ACID PHENYLMETHYL ESTER * LISERDOL * LYSERDOL * METERGOLINE * METHERGOLINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:430 mg/kg 85ESA3 9,773,76

FA1095000 CARBAMIC ACID, (1,1-DIMETHYLETHYL)-, 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER, MONOHYDROCHLORIDE

UPDT:8311 CAS: 60752-84-3 MW: 302.89 MOLFM: C15-H26-N2-O2 Cl-H

SYN: (1,1-DIMETHYLETHYL)CARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3 AZETIDINYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:68 mg/kg EJMCA5 12,447,77

FA1225000 CARBAMIC ACID, DIMETHYL-, ETHYL ESTER

UPDT:8401 CAS: 687-48-9 MW: 117.17 MOLFM: C5-H11-N-O2

SYN: ETHYL N,N-DIMETHYL CARBAMATE * DI-N-METHYL ETHYL CARBAMATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T45T46 ipr-ham TDLo:504 mg/kg (8D preg) CNREA8 27,1696,67

TUMORIGENIC DATA AND REFERENCES:

2V03J60 ipr-mus TDLo:6500 mg/kg/13W-I JNCIAM 9,35,48

TOXICITY DATA AND REFERENCES:

scu-mus LD50:1050 mg/kg AJEBAK 45,507,67

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, (DIMETHYLETHYLSILYL)METHYL ESTER see: PC1980100

CARBAMIC ACID, 2,2-DIMETHYLHEXYL ESTER see: MO9630000

CARBAMIC ACID, 5,5-DIMETHYLHEXYL ESTER see: MO9632000

FA1500000 CARBAMIC ACID, DIMETHYL-, ester with 3-HYDROXY-5,5-DIMETHYL-2-CYCLOHEXEN-1-ONE

UPDT:8307 CAS: 122-15-6 MW: 211.29 MOLFM: C11-H17-N-O3

SYN: 2-CYCLOHEXEN-1-ONE 3-HYDROXY-5,5-DIMETHYL DIMETHYLCARBAMATE * DIMETAN * DIMETHYLCARBAMATE DE 5,5-DIMETHYL DIHYDRORESORCINOL (French) * 5,5-DIMETHYLDIHYDRORESORCINOL DIMETHYLCARBAMATE * 5,5-DIMETHYL-4,5-DIHYDRO-3-RESORCYL-DIMETHYL-CARBAMAT (German) * (5,5-DIMETHYL-3-OXO-CYCLOHEX-1-EN-YL)-N,N-DIMETHYL CARBAMAAT (Dutch) * (5,5-DIMETHYL-3-OXO-CYCLOHEX-1-EN-YL)-N,N-DIMETHYLCARBAMAT (German) * 5,5-DIMETHYL-3-OXO-1-CYCLOHEXEN-1-YL DIMETHYLCARBAMATE * 5,5-DIMETHYL-3-OXOCYCLOHEX-1-ENYL DIMETHYLCARBAMATE * (5,5-DIMETIL-3-OXO-CICLOES-1-EN-IL)-N,N-DIMETIL-CARBAMMATO (Italian) * ENT 24,738 * G 19258 * GEIGY 19258

TOXICITY DATA AND REFERENCES:

orl-rat LD50:120 mg/kg WRPCA2 9,119,70

unk-rat LD50:150 mg/kg 30ZDA9 -,196,71

orl-mus LD50:90 mg/kg 85DPAN -,-,71,76

unk-mus LD50:150 mg/kg GMCHAZ 6,206,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, DIMETHYL-, ester with (m-HYDROXYPHENYL)TRIMETHYLAMMONIUM BROMIDE see: BR3150000

CARBAMIC ACID, DIMETHYL-, ester with (m-HYDROXYPHENYL)TRIMETHYLAMMONIUM METHYL SULFATE see: CY1225000

FA2100000 CARBAMIC ACID, DIMETHYL-, 1-ISOPROPYL-3-METHYLPYRAZOL-5-YL ESTER

UPDT:8403 CAS: 119-38-0 MW: 211.30 MOLFM: C10-H17-N3-O2

SYN: DIMETHYLCARBAMIC ACID 3-METHYL-1-(1-METHYLETHYL)-1H-PYRAZOL-5-YL ESTER * DIMETHYLCARBAMATE DI L-ISOPROPYL 3-METHYL 5-PYRAZOLYLE (French) * DIMETHYL 5-(1-ISOPROPYL-3-METHYL-PYRAZOLYL)-CARBAMATE * ENT 19,060 * G 23611 * GEIGY G-23611 * ISOLAN * ISOLANE (French) * (1-ISOPROPIL-3-METIL-1H-PIRAZOL-5-IL)-N-N-DIMETIL-CARBAMMATO (Italian) * (1-ISOPROPYL-3-METHYL-1H-PYRAZOL-5-YL)-N,N-DIMETHYLCARBAMAAT (Dutch) * (1-ISOPROPYL-3-METHYL 1H-PYRAZOL-5-YL)-N,N-DIMETHYL-CARBAMAT (German) * ISOPROPYLMETHYLPYRAZOLYL DIMETHYLCARBAMATE * 1-ISOPROPYL-3-METHYL-5-PYRAZOLYL DIMETHYLCARBAMATE * 5-METHYL-2-ISOPROPYL-3-PYRAZOLYL DIMETHYLCARBAMATE * PRIMIN * PYRAZOL-5-OL 1-ISOPROPYL-3-METHYL-, DIMETHYLCARBAMATE * SAOLAN

MUTATION DATA AND REFERENCES:

mmo-smc 5 ppm RSTUDV 6,161,76

TUMORIGENIC DATA AND REFERENCES:

3V03J60L60 orl-mus TDLo:6600 mg/kg/78W-I NTIS** PB223-159

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:11 mg/kg FMCHA2 -,C133,83

skn-rat LD50:5600 ug/kg 85DPAN -,-,71/76

orl-bwd LD50:9 mg/kg TXAPA9 21,315,72

ipr-mus LD50:1 mg/kg TXAPA9 6,402,64

orl-ckn LD50:3320 ug/kg TXAPA9 3,521,61

unk-mam LD50:11 mg/kg 30ZDA9 -,197,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: DTTIAF 80(20),485,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FA2450000 CARBAMIC ACID, DIMETHYL-, 3-METHYL-1-PHENYLPYRAZOL-5-YL ESTER

UPDT:8403 CAS: 87-47-8 MW: 245.31 MOLFM: C13-H15-N3-O2

SYN: DIMETHYLCARBAMIC ACID 3-METHYL-1-PHENYLPYRAZOL 5-YL ESTER * DIMETHYLCARBAMIC ACID 3-METHYL 1-PHENYL 1H-PYRAZOL-5-YL ESTER * DIMETHYL 5-(3-METHYL 1-PHENYLPYRAZOLYL) CARBAMATE * ENT 17,588 * G-22008 * GEIGY G-22008 * 3-METHYL 1-PHENYLPYRAZOL-5-YL DIMETHYL CARBAMATE * 3-METHYL-1-PHENYL-5-PYRAZOLYL DIMETHYL CARBAMATE * 1-PHENYL-3-METHYL-5-PYRAZOLYL N,N-DIMETHYL CARBAMATE * PYRALAN * PYRAZOL-5-OL 3-METHYL 1-PHENYL, DIMETHYL CARBAMATE (ESTER) * PYROLAN

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:62 mg/kg ARSIM* 20,17,66

orl-mus LD50:90 mg/kg PCOC** -,955,66

orl-ckn LD50:11 mg/kg TXAPA9 3,521,61

orl-bwd LD50:39 mg/kg TXAPA9 21,315,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, DIMETHYL-, 5-METHYL-1H-PYRAZOL-3-YL ESTER see: EZ9084000

CARBAMIC ACID, 2,2-DIMETHYLPENTYL ESTER see: SA6695000

CARBAMIC ACID, 4,4-DIMETHYLPENTYL ESTER see: SA6695010

FA3200000 CARBAMIC ACID, (DIMETHYLPHENYLSILYL)METHYL ESTER

UPDT:8406 MW: 209.35 MOLFM: C10-H15-N-O2-Si

SYN: (DIMETHYLPHENYLSILYL)METHYL ESTER of CARBAMIC ACID * (HYDROXYMETHYL)DIMETHYLPHENYLSILANE CARBAMATE * METHANOL, (DIMETHYLPHENYLSILYL)-, CARBAMATE

TOXICITY DATA AND REFERENCES:

1E15 ipr-mus LD50:400 mg/kg JMCMAR 9,262,66

FA3325000 CARBAMIC ACID, N-(2-(O,O-DIMETHYLPHOSPHORODITHIOYL)ETHYL)-, ETHYL ESTER

UPDT:8309 CAS: 5840-95-9 MW: 273.33 MOLFM: C7-H16-N-O4-P-S2

SYN: CARBAMIC ACID, (2-((DIETHOXYPHOSPHINOTHIOYL)THIO)ETHYL)-, ETHYL ESTER * CARBAMIC ACID, (2-MERCAPTOETHYL)-, ETHYL ESTER, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE * S-(O,O-DIMETHYLPHOSPHORODITHIOATE) of N-(2-MERCAPTOETHYL)ETHYLCARBAMATE * ENT 25,801 * ENT 25,801-o * ETHYL (2-((DIETHOXYPHOSPHINOTHIOYL)THIO)ETHYL)CARBAMATE * ETHYL N-(2-(O,O-DIMETHYLPHOSPHORODITHIOYL)ETHYL)CARBAMATE * ETHYL (2-MERCAPTOETHYL) CARBAMATE S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE * R 3,422 * R-3422-S * STAUFFER R-3442-S

TOXICITY DATA AND REFERENCES:

orl-rat LD50:108 mg/kg 28ZEAL 4,220,69

orl-ckn LD50:255 mg/kg TXAPA9 7,606,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, (DIMETHYLPROPYLSILYL)METHYL ESTER see: PC1980700

CARBAMIC ACID, N,N-DIMETHYL-, 3-(TRIMETHYLAMMONIO)PHENYL ESTER, METHYLSULFATE see: CY1225000

FA4366000 CARBAMIC ACID, DIPHENETHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8306 MW: 405.03 MOLFM: C23-H32-N2-O2 Cl-H

SYN: AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, DIPHENETHYLCARBAMATE * DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE DIPHENETHYLCARBAMATE * DIPHENETHYLCARBAMIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE * 1354 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:10 mg/kg COREAF 251,3119,60

FA4374000 CARBAMIC ACID, DIPHENYL-, 2-DIETHYLAMINOETHYL ESTER

UPDT:8406 MW: 312.45 MOLFM: C19-H24-N2-O2

SYN: DIPHENYLCARBAMIC ACID 2-DIETHYLAMINOETHYL ESTER * ETHANOL, 2-DIETHYLAMINO-, DIPHENYLCARBAMATE

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LD50:175 mg/kg JAPMA8 48,396,59

FA4375000 CARBAMIC ACID, DIPHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8306 CAS: 668-37-1 MW: 348.91 MOLFM: C19-H24-N2-O2 Cl-H

SYN: AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE DIPHENYLCARBAMATE * DIAETHYLAMINOAETHYL DIPHENYLCARBAMAT HYDROCHLORID (German) * DIAMFEN HYDROCHLORIDE * DIETHYLAMINOETHYLDIPHENYL CARBAMATE HYDROCHLORIDE * 2-DIETHYLAMINOETH DIPHENYLCARBAMATE HYDROCHLORIDE * DIPHENYLCARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * 1352 HC * SD 25

TOXICITY DATA AND REFERENCES:

orl-rat LD50:710 mg/kg ARZNAD 15,534,65

ivn-rat LD50:27 mg/kg ARZNAD 15,534,65

orl-mus LD50:270 mg/kg ARZNAD 15,534,65

ipr-mus LD50:76 mg/kg ARZNAD 15,534,65

2C17E15 scu-mus LD50:180 mg/kg AIPTAK 125,311,60

ivn-mus LD50:41 mg/kg ARZNAD 15,534,65

FA4439000 CARBAMIC ACID, DIPHENYLTHIO-, S-(2-(DIETHYLAMINO)ETHYL) ESTER

UPDT:8401 CAS: 3735-90-8 MW: 328.51 MOLFM: C19-H24-N2-O-S

SYN: BAYER 1355 * CARBAMOTHIOIC ACID, DIPHENYL-, S-(2-(DIETHYLAMINO)ETHYL) ESTER (9CI) * DIPHENYLTHIOCARBAMIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER * ESCORPAL * FENCARBAMIDE * PHENCARBAMID * PHENCARBAMIDE * RISPASULF

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:370 mg/kg AIPTAK 155,393,65

* scu-rat LD50:400 mg/kg AIPTAK 155,393,65

* ivn-rat LD50:30 mg/kg AIPTAK 155,393,65

* scu-mus LD50:93 mg/kg AIPTAK 155,393,65

* ivn-mus LD50:32 mg/kg AIPTAK 155,393,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FA4440000 CARBAMIC ACID, DIPHENYLTHIO-, S-(2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8403 CAS: 58-13-9 MW: 364.97 MOLFM: C19-H24-N2-O-S Cl-H

SYN: BA 1355 * S-(2-(DIETHYLAMINO)ETHYL) DIPHENYLTHIOCARBAMATE HYDROCHLORIDE * DIPHENYLCARBAMOTHIOIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE * DIPHENYLTHIOCARBAMIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE * ESCORPAL * FENCARBAMIDE HYDROCHLORIDE * PHENCARBAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:410 mg/kg AIPTAK 155,393,65

* scu-rat LD50:400 mg/kg AIPTAK 155,393,65

* ivn-rat LD50:33 mg/kg AIPTAK 155,393,65

* scu-mus LD50:103 mg/kg AIPTAK 155,393,65

1E15 ivn-mus LD50:32 mg/kg AIPTAK 151,515,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FA4442000 CARBAMIC ACID, DIPHENYLTHIO-, S-(2-(DIETHYLAMINO)ETHYL ESTER, 1,5-NAPHTHALENEDISULFONATE

UPDT:8403 CAS: 72017-58-4 MW: 616.81 MOLFM: C19-H24-N2-O-S-1-2C10-H8-O6-S2

SYN: S-(2-(DIETHYLAMINO)ETHYL) DIPHENYLTHIOCARBAMATE 1,5-NAPHTHALENEDISULFONATE * DIPHENYLCARBAMOTHIOIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER 1,5-NAPHTHALENEDISULFONATE * DIPHENYLTHIOCARBAMIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER 1,5-NAPHTHALENEDISULFONATE * FENCARBAMIDE NAPADISILATE * FENCARBAMIDE 1,5-NAPHTHALENEDISULFONATE * GEROSEDINE * PHENCARBAMIDE NAPADISILATE * PHENCARBAMIDE 1,5-NAPHTHALENEDISULFONATE * PHENCARBAMID NDS

TOXICITY DATA AND REFERENCES:

orl-rat LD50:920 mg/kg AIPTAK 155,393,65

2F13F19 orl-dog LD50:100 mg/kg AIPTAK 155,393,65

FA4450000 CARBAMIC ACID, DIPROPYL-, ETHYL ESTER

UPDT:8401 CAS: 6976-50-7 MW: 173.29 MOLFM: C9-H19-N-O2

SYN: N,N-DI-n-PROPYL ETHYL CARBAMATE

TUMORIGENIC DATA AND REFERENCES:

2V03J60 ipr-mus TDLo:6500 mg/kg/13W-I JNCIAM 9,35,48

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FA4550000 CARBAMIC ACID, DIPROPYLTHIO-, S-ETHYL ESTER

UPDT:8405 CAS: 759-94-4 MW: 189.35 MOLFM: C9-H19-N-O-S

SYN: S-AETHYL-N,N-DIPROPYLTHIOLCARBAMAT (German) * DIPROPYLCARBAMOTHIOIC ACID S-ETHYL ESTER * N,N-DIPROPYLTHIOCARBAMIC ACID S-ETHYL ESTER * EPTAM * EPTC * S-ETHYL N,N-DIPROPYLTHIOCARBAMATE * S-ETHYL N,N-DI-n-PROPYLTHIOCARBAMATE * ETHYL DI-n-PROPYLTHIOLCARBAMATE * ETHYL N,N-DI-n-PROPYLTHIOLCARBAMATE * HDA 1541 * GENEP EPTC * R 1608

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1325 mg/kg FMCHA2 -,C96,83

ihl-rat LCLo:200 mg/m3/4H HYSAAV 36(1-3),196,71

BEST COPY AVAILABLE

unk-rat LD50:1660 mg/kg EQSSDX 3,618,75
orl-mus LD50:750 mg/kg HYSAAV 36(1-3),196,71
ivn-mus LD50:320 mg/kg CSLNX* NX#03907
orl-cat LD50:112 mg/kg HYSAAV 36(1-3),196,71
ihl-cat LCLo:400 mg/m3/4H HYSAAV 36(1-3),196,71
skn-rbt LD50:1460 mg/kg WRPCA2 9,119,70
unk-mam LD50:1660 mg/kg GISAAA 45(5),29,80
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

FA4725000 CARBAMIC ACID, DIPROPYLTHIO-, S-PROPYL ESTER
UPDT:8309 CAS: 1929-77-7 MW: 203.38 MOLFM: C10-H21-N-O-S
SYN: DIPROPYLTHIOCARBAMIC ACID S-PROPYL ESTER * PPTC * S-PROPYL DIPROPYLTHIOCARBAMATE * PROPYL N,N-DIPROPYLTHIOLCARBAMATE * n-PROPYL DI-n-PROPYLTHIOLCARBAMATE * R-1607 * VERNAM * VERNOLATE

MUTATION DATA AND REFERENCES:
cyt-mus-unk 500 mg/kg TGANAK 14(6),41,80
cyt-mus-orl 500 mg/kg CYGEDX 14(6),38,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1200 mg/kg FMCHA2 -,C252,83
unk-rat LD50:1780 mg/kg 30ZDA9 -,209,71

FA6210000 CARBAMIC ACID, DI-o-TOLYL-, 3-(DIMETHYLAMINO)PROPYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 362.94 MOLFM: C20-H26-N2-O2 Cl-H
SYN: DI-o-TOLYLCARBAMIC ACID 3-(DIMETHYLAMINO)PROPYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:150 mg/kg APFRAD 41,465,83

FA6222000 CARBAMIC ACID, DODECYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8306 MW: 365.07 MOLFM: C19-H40-N2-O2 Cl-H
SYN: AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE DODECYLCARBAMATE * DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE DODECYLCARBAMATE * DODECYLCARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * 1348 HC

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:38 mg/kg COREAF 2s1,3119,60

CARBAMIC ACID ESTER with 5-BUTYL-5-(2-HYDROXYETHYL)BARBITURIC ACID see: CQ2311000
CARBAMIC ACID, ESTER with CHOLINE CHLORIDE see: GA0875000
CARBAMIC ACID, ESTER with 3-DIMETHYLAMINO-1-(p-METHOXYPHENYL)-1-PROPANOL see: DO5200000
CARBAMIC ACID, ESTER with 3-DIMETHYLAMINO-1-(p-METHYLPHENYL)-1-PROPANOL see: DO5250000
CARBAMIC ACID ESTER with 5-(beta-HYDROXYETHYL)-5-BUTYLMALONYLUREA see: CQ2311000
CARBAMIC ACID, ESTER with 2-(HYDROXYMETHYL)-2-METHYLPENTYLISOPROPYLCARBAMATE see: FB3325000

FA6600000 CARBAMIC ACID, ETHYL-, (((2-CHLORO-10H-PHENOTHIAZIN-10-YL)CARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER
UPDT:8311 CAS: 65241-04-5 MW: 507.05 MOLFM: C23-H27-Cl-N4-O3-S

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:800 mg/kg EJMCA5 12,488,77

FA6710000 CARBAMIC ACID, ETHYL-, 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER, MONOHYDROCHLORIDE
UPDT:8311 CAS: 60752-83-2 MW: 274.83 MOLFM: C13-H22-N2-O2 Cl-H
SYN: ETHYLCARBAMIC ACID 1-(1,1-DIETHYL 2-PROPYNYL) 3-AZETIDINYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:110 mg/kg EJMCA5 12 447,77

FA6780000 CARBAMIC ACID, ETHYLENEBIS((CARBOXYMETHYL)DITHIO-, TETRAAMMONIUM SALT, DIHYDRATE
UPDT:8306 MW: 432.66 MOLFM: C8-H24-N6-O4-S4 2H2-O
SYN: ETHYLENEBIS(ICARBOXYMETHYL)DITHIOCARBAMIC ACID) TETRAAMMONIUM SALT DIHYDRATE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1400 mg/kg JINCAO 42,775,80

FA6825000 CARBAMIC ACID, ETHYLENEBIS(DITHIO-, DISODIUM SALT
UPDT:8403 CAS: 142-59-6 MW: 256.34 MOLFM: C4-H6-N2-S4 2Na
SYN: CARBON D.I CHEM BAM * DI-NATRIUM-AETHYLENBISDITHIOCARBAMAT (German) * DINATRIUM-(N,N-AETHYLEN-BIS(DITHIOCARBAMAT)) (German) * DINATRIUM-(N,N'-ETHYLEEN-BIS(DITHIOCARBAMAAT)) (Dutch) * DISODIUM ETHYLENEBIS(DITHIOCARBAMATE) * DISODIUM ETHYLENE-1,2-BISDITHIOCARBAMATE * DITHANE A-40 * DITHANE D-14 * DSE * 1,2-ETHANEDIYLBISCARBAMODITHOIC ACID DISODIUM SALT * N,N'-ETHYLENE BIS(DITHIOCARBAMATE DI SODIUM) (French) * ETHYLENEBIS(DITHIOCARBAMATE), DISODIUM SALT * ETHYLENEBIS(DITHIOCARBAMIC ACID) DISODIUM SALT * N,N'-ETILEN-BIS(DITHIOCARBAMMATO) DI SODIO (Italian) * NABAM * NABAMÉ (French) * NABEB-EN * PARZATE * PARZATE LIQUID * SPRING-BAK

MUTATION DATA AND REFERENCES:
mma-omi 1000 ppm MAPAP 50,233,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T31T35 scu-mus TDLo:194 mg/kg (6-14D preg) NTIS** PB223-160
2T24T26 scu-mus TDLo:418 mg/kg (6-14D preg) NTIS** PB223-160

TOXICITY DATA AND REFERENCES:
orl-rat LD50:395 mg/kg FEPRA7 11,391,52
ipr-rat LD50:500 mg/kg 85DPAN -,-,71/76
orl-mus LD50:580 mg/kg PCOC** -,777,66

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, ETHYLENEBIS(DITHIO-, MANGANESE SALT see: OP0700000
CARBAMIC ACID, ETHYLENEBIS(DITHIO-, MANGANESE ZINC COMPLEX (8CI) see: ZB3200000
CARBAMIC ACID, N,N-ETHYLENE-, ETHYL ESTER see: CM6800000

FA8400000 CARBAMIC ACID, ETHYL ESTER
UPDT:8412 CAS: 51-79-6 MW: 89.11 MOLFM: C3-H7-N-O2
SYN: AETHYLCARBAMAT (German) * AETHYLURETHAN (German) * CARBAMIDSAEURE AETHYLESTER (German) * ESTANE 5703 * ETHYL CARBAMATE * ETHYLURETHAN * ETHYL URETHANE * O-ETHYLURETHANE * LEUCETHANE * LEUCOTHANE * NSC 746 * PRACARBAMINE * PRACARBAMINE * RCRA WASTE NUMBER U238 * URETAN-ETYLOWY (Polish) * URETHAN * URETHANE

MUTATION DATA AND REFERENCES:
mma-sat 10 uL/plate ANYAA9 76,475,58
mma-sat 50 ug/plate PMRSDJ 1,351,81
mma-esc 50 gm/L/1H CRSUBM 3,69,55
mma-esc 50 ug/plate PMRSDJ 1,351,81
pic-esc 100 mmol/L MDMIAZ 31,11,79
dnd-bcs 2 mg/disc PMRSDJ 1,175,81
mma-omi 1000 ppm APMBAY 6,45,58
slt-dmg-orl 500 umol/L CNJGAB 17,55,75
sln-dmg-ihl 55000 ppm/6H CNREAB 39,4224,79
sln-dmg-orl 100 mmol/L/3D-I CRNGDF 5,571,84
spm-dmg-ihl 55000 ppm/6H CNREAB 39,4224,79
mma-smc 71200 umol/L MUREAV 45,309,77
mrc-smc 150 mg/L PMRSDJ 1,491,81
cyt-smc 100 mmol/tube HEREAY 33,457,47
sln-smc 150 mg/L PMRSDJ 1,468,81
dns-hmn-hla 10 umol/L CNREAB 38,2621,78
dns-lmn-fbr 20 mg/L TXCYAC 21,151,81
sce-hmn-lym 10 umol/L MUREAV 89,75,81
otr-rat-ipr 800 mg/kg CNREAB 40,1157,80
dnd-rat-ipr 25 mg/kg CNREAB 38,1589,78
dnd-rat-lvr 100 mmol/L SmJF# 260C182
dns-rat-lvr 10 umol/L CNREAB 42,3010,82
dns-rat-oth 1 mol/L SHKKAN 22,300,80
dni-rat-ipr 1 gm/kg CNREAB 33,2149,73
sce-rat-ipr 400 mg/kg MUREAV 126,159,84
cyt-rat-ivn 800 mg/kg JJIND8 67,831,81
sco-rat-unk 400 mg/kg BANRDU 13,293,82
sce-rat-lvr 5 mmol/L MUREAV 93,409,82
mnt-mus-ipr 30 mg/kg/2D-I PMRSDJ 1,705,81
slt-mus-scu 1 gm/kg CNREAB 43,1342,83
otr-mus-fbr 500 ug/L CRNGDP 3,1235,82
oms-mus-scu 4 umol/L/kg JNCIAM 50,1459,73
dnd-mus-par 1 gm/kg UCAAR 10,403,73
dnd-mus-ipr 400 mg/kg CBINA8 6,99,73
dnd-mus-scu 4 umol/L/kg JNCIAM 50,1459,73
oms-mus-par 750 mg/kg ZKKOBW 76,69,71
oms-mus-ipr 741 mg/kg CBINA8 4,329,72
dni-mus-ipr 500 mg/kg MUREAV 46,305,77
dni-mus-skn 13600 umol/kg CNREAB 33,769,73
dni-mus-scu 1200 mg/kg CBINA8 19,327,77
oms-mus-ipr 741 mg/kg CBINA8 4,329,72
cyt-mus-scu 1 gm/kg GANNA2 60,91,69
cyt-mus-ipr 5 gm/kg/10D-I UCNAW 4,327,69
sce-mus-ipr 3300 umol/kg CRNGDP 5,399,84
sce-mus-ihl 220 ug/L MUREAV 88,223,81
sce-mus-ivn 193 mg/kg/4H-C MUREAV 88,223,81
sce-mus-unk 400 mg/kg BANRDU 13,293,82
spm-mus-ipr 25 gm/kg/5D-I CMMUAO 5,257,78
otr-ham-ipr 1 gm/kg ARPAAQ 95,380,73
otr-ham-kdy 80 ug/L BJCAAI 37,873,78
cyt-ham-lng 10 gm/L ARTODN (Suppl 4) 41,80
cyt-ham-fbr 8 gm/L/48H MUREAV 48,337,77
sce-ham-unk 400 mg/kg BANRDU 13,293,82
sce-ham-fbr 10 mmol/L JNCIAM 58,1635,77
sce-ham-ipr 400 mg/kg MUREAV 126,159,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:7 gm/kg (6-12D preg) JJPAAZ 16,63,66
1T46 orl-rat TDLo:2 gm/kg (8-9D preg) JJPAAZ 16,63,66
1T25 orl-rat TDLo:2 gm/kg (6-7D preg) JJPAAZ 16,63,66
1T29 ipr-rat TDLo:1700 mg/kg (1D pre) ENDOAO 90,1594,72
1T01 ipr-rat TDLo:10 gm/kg (20D male) HIKYAJ 12,1339,66
1T29 scu-rat TDLo:1200 mg/kg (1D pre) ENDOAO 90,1594,72
1T29 ivn-rat TDLo:1300 mg/kg (1D pre) ENDOAO 91,87,72
1T26 orl-mus TDLo:1600 mg/kg (4-7D preg) APTOA6 8,82,52
1T14 ipr-mus TDLo:3750 mg/kg (5D pre) JRPFA4 51,159,77
2T12T29 ipr-mus TDLo:3 gm/kg (6D pre) JRPFA4 51,159,77
2T25T35 ipr-mus TDLo:1200 mg/kg (7-9D preg) PQASAD 56,10,76
1T83 ipr-mus TDLo:1 gm/kg (18D preg) TXCYAC 24,251,82
2T34T46 ipr-mus TDLo:1500 mg/kg (9D preg) JEPTDQ 41(2),31,533,80
2T35T51 ipr-mus TDLo:1250 mg/kg (9C preg) IJEBA6 8,167,70
1T49 ipr-mus TDLo:1250 mg/kg (11D preg) IJEBA6 8,167,70
1T71 scu-mus TDLo:1 gm/kg (15D preg) GANNA2 63,731,72
1T42 scu-mus TDLo:45 mg/kg (6-14D preg) NTIS** PB223-160
3T43T46T42 scu-mus TDLo:1 gm/kg (10D preg) CNREAB 37,969,77
2T26T35 scu-mus TDLo:418 mg/kg (6-14D preg) NTIS** PB223-160
3T41T49T53 scu-mus TDLo:30 mg/kg (1-18D preg) TPKVAL 15,36,79
1T35 ivn-dog TDLo:1 gm/kg (20D preg) JZKEDZ 6,37,80
3T41T42T44 ipr-ham TDLo:499 mg/kg (8D preg) CNREAB 27,1696,67
1T34 ipr-ham TDLo:499 mg/kg (8D preg) CNREAB 27,1696,67
3T35T41T47 ipr-ham TDLo:400 mg/kg (8D preg) ARPAAQ 81,174,66
1T35 ivn-ham TDLo:400 mg/kg (8D preg) ARPAAQ 81,174,66
2T41T47 ivn-ham TDLo:200 mg/kg (8D preg) ARPAAQ 81,174,66

TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-rat TDLo:30 gm/kg/52W-C CNREAB 7,107,47
3V03T65L60 ipr-rat TDLo:500 mg/kg (19D preg) CNREAB 30,2552,70
2V02J60 ipr-rat TDLo:500 mg/kg RRCRBU 52,29,75
2V03D29 scu-rat TDLo:8 gm/kg/8W-I JNCIAM 43,749,69
2V02J60 orl-mus TDLo:260 mg/kg/24W-I TXAPA9 72,313,84
2V02J60 ihl-mus TCLo:138 ppm/130D-I AEHLAU 22,663,71
3V01J60R60 skn-mus TDLo:90 gm/kg/56W-I CRNGDP 5,911,84
3V02T65T63 ipr-mus TDLo:2500 mg/kg (7-11D preg) IARCCD 4,14,73
3V02T65J60 ipr-mus TDLo:500 mg/kg (19D preg) CNREAB 38,137,78
2V01J60 ipr-mus TDLo:7 mg/kg/39W-I SCIEAS 147,1443,65
2V02T63 scu-mus TDLo:5 gm/kg (13D preg 4D post) CNREAB 33,1677,73
3V01T65J60 scu-mus TDLo:1000 mg/kg (15D preg) CNREAB 30,2552,70
3V02J60T63 scu-mus TDLo:200 mg/kg CNREAB 34,2217,74
3V02T65J60 ivn-mus TDLo:1000 mg/kg (18D preg) JNCIAM 8,63,47
3V02J60R60 ivn-mus TDLo:1 gm/kg CNREAB 22,299,62
3V03T65J60 unk-mus TDLo:1 gm/kg (17D preg) BCSTB5 2,710,74
3V03T65L60 unk-mus TDLo:1000 mg/kg (17D preg) BCSTB5 2,710,74
3V03J60L60 orl-mky TDLo:325 gm/kg/5Y-I PAACA3 21,78,80
3V02K60R60 orl-ham TDLo:55 gm/kg/64W-C EJCAAH 5,165,69
2V01K60 skn-ham TDLo:1000 mg/kg/W-I CRSBAW 158,440,64
3V03K60R60 scu-ham TDLo:1 gm/kg IJCNAW 6,63,70
3V01J60P62 orl-mus TD :1200 mg/kg/4W-I BJCAAI 15,322,61
3V01D45L60 ipr-mus TD :880 mg/kg/7W-I CNREAB 40,1194,80
2V02J60 ipr-mus TD :4990 ug/kg CNREAB 43,1124,83
2V02J60 ipr-mus TD :800 mg/kg CNREAB 36,1744,76
2V02J60 ipr-mus TD :10 mg/kg CNREAB 33,3069,73
2V02J60 ipr-mus TD :400 mg/kg CNREAB 35,1411,75
3V02J61V15 scu-mus TD :500 mg/kg CNREAB 33,1677,73
2V02J60 ipr-mus TD :500 mg/kg CNREAB 44,107,84
3V02T65J60 ipr-mus TD :1000 mg/kg (18D preg) JNCIAM 8,63,47
3V01J60P62 orl-mus TD :1280 mg/kg/4W-I BJCAAI 15,322,61

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1500 mg/kg CNREAB 26,1448,66
scu-rat LDLo:1800 mg/kg AEPPAE 182,348,36
ims-rat LD50:1400 mg/kg ZKKOBW 84,227,75
orl-mus LD50:2500 mg/kg ARZNAD 9,595,59
* ipr-mus LD50:1539 mg/kg PMRSDJ 1,682,81
* scu-mus LD50:1750 mg/kg GANNA2 63,731,72
par-mus LDLo:1000 mg/kg NCISA* PH-43-62-463
unk-mus LD50:2000 mg/kg BJCAAI 6,160,52
ivn-rbt LDLo:2000 mg/kg 27JAQ -,272,73

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FEPRA7 35(1),89,76; JAMAAP 172,1765,60; 32XPAD ..49,75; CLPTAT 5,400,64; ADVPA3 4,263,66; CNREAB 35,2905,75; ONCOBS 33,66,76; BLFSBY 24,129,83

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,111,74

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FA9100000 CARBAMIC ACID, ETHYL-, ETHYL ESTER
UPDT:8401 CAS: 623-78-9 MW: 117.17 MOLFM: C5-H11-N-O2
SYN: ETHYLCARBAMIC ACID, ETHYL ESTER * ETHYL N-ETHYL CARBAMATE

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:6500 mg/kg/13W-I JNCIAM 9,35,48

TOXICITY DATA AND REFERENCES:
scu-mus LD50:860 mg/kg AJEBAK 45,507,67

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, beta-ETHYL-beta-HYDROXYPHENETHYL ESTER see: EK2450000

FA9460000 CARBAMIC ACID, ETHYLIDENEDI-, DIETHYL ESTER
UPDT:8401 CAS: 539-71-9 MW: 204.26 MOLFM: C8-H16-N2-O4
SYN: N,N'-ETHYLIDENE BIS(ETHYL CARBAMATE) * ETHYLIDENE DIURETHAN

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:6500 mg/kg/13W-I JNCIAM 9,35,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FA9500000 CARBAMIC ACID, ETHYL-, 2-(((MERCAPTOMETHYL)THIO)ETHYL) ESTER, S-ESTER with O-ISOPROPYL O-METHYL PHOSPHORODITHIOIC
UPDT:8309 CAS: 3853-74-5 MW: 347.48 MOLFM: C10-H22-N-O4-P-S3
SYN: ENT 27,179 * 2-(((METHOXYL-METHYLETHOXY)(PHOSPHINOTHIOYL)THIO)METHYL)THIO)ETHYL ETHYLCARBAMATE * R 6790 * STAUFFER R-6790

TOXICITY DATA AND REFERENCES:
orl-rat LD50:8500 ug/kg ARSIM* 20,23,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FA9530000 CARBAMIC ACID, ETHYL-, (((2-METHOXY-10H-PHENOTHIAZIN-10-YL)CARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER
UPDT:8311 CAS: 65241-09-0 MW: 502.64 MOLFM: C24-H30-N4-O4-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LC50:800 mg/kg EJMCA5 12,488,77

CARBAMIC ACID, 1-ETHYL-1-METHYL-2-PROPYNYL ESTER see: SC5075000

FB0350000 CARBAMIC ACID, ETHYLNITROSO-, ETHYL ESTER
UPDT:8406 CAS: 614-95-9 MW: 146.17 MOLFM: C5-H10-N2-O3
SYN: AETHYLNITROSOURETHAN (German) * ENU * ETHYLNITROSOCARBAMIC ACID, ETHYL ESTER * N-ETHYL-N-NITROSOCARBAMIC ACID ETHYL ESTER * N-ETHYL-N-NITROSOURETHAN * N-ETHYL-N-NITROSOURETHANE * NEU * NITROSOETHYLURETHAN * N-NITROSO-N-ETHYLURETHAN

MUTATION DATA AND REFERENCES:
mmo-sat 1700 nmol/L/48H MUREAV 48,131,77
pic-sat 1 umol/L MOPMA3 10,640,74
dnr-esc 500 nmol/plate CNREAB 31,970,71
mmo-ams 100 mmol/L/2H MUREAV 1,37,64
sln-dmg-par 10 mmol/L MUREAV 3,201,66
mrc-smc 25 mmol/L MUREAV 11,327,77
mmo-sip 200 mmol/L MUREAV 4,31,67
slt-mus-ipr 150 mg/kg MUREAV 92,193,82
cyt-ham:fbr 15 mg/L/24H MUREAV 48,337,77
cyt-ham:lng 11 mg/L GMCRDC 27,95,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ivn-rat TDLo:160 mg/kg (15D preg) IARCCD 4,45,73

TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:630 mg/kg:48W-C GANNA2 73,48,82
2V03L60 skn-rat TDLo:8100 mg/kg:27W-I GANNA2 70,653,79
2V03K60 ipr-rat TDLo:66 mg/kg:41W-I BJCAAI 22,316,68
2V03K60 orl-mus TDLo:240 mg/kg:39W-I NATUAS 199,190,63
2V03K60 orl-rat TD :1600 mg/kg:10W-I CALEDQ 1,275,76
2V01K60 orl-rat TD :1680 mg/kg:32W-C GANNA2 73,48,82
2V01K60 orl-rat TD :1024 mg/kg:39W-C GANNA2 73,48,82
2V03K60 orl-rat TD :744 mg/kg:10W-I GANNA2 70,653,79

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:160 mg/kg IARCCD 4,45,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, ETHYL(3-(PENTYLOXY)PHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER, MONOHYDROCHLORIDE see: FD8940000

FB0390000 CARBAMIC ACID, ETHYL-, ((10H-PHENOTHIAZIN-10-YLCARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER
UPDT:8311 CAS: 65240-99-5 MW: 472.61 MOLFM: C23-H28-N4-O3-S
SYN: ETHYLCARBAMIC ACID (10H-PHENOTHIAZIN-10-YLCARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 12,488,77

FB0420000 CARBAMIC ACID, m-ETHYLPHENYL ESTER
UPDT:8406 MW: 165.21 MOLFM: C9-H11-N-O2
SYN: 3-ETHYLPHENYL CARBAMATE * m-ETHYLPHENYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:144 mg/kg JPPMAB 13,39,61
* ivn-mus LD50:21 mg/kg JPPMAB 13,39,61

FB0430000 CARBAMIC ACID, ETHYL-, alpha-2-PIPERIDINOETHYLBENZYL ESTER, HYDROBROMIDE
UPDT:8406 MW: 371.37 MOLFM: C17-H26-N2-O2-Br-N
SYN: ETHYLCARBAMIC ACID alpha-2-PIPERIDINOETHYLBENZYL ESTER HYDROBROMIDE * 1-(1-PHENYL-3-PIPERIDINOPROPYL) ETHYL CARBAMATE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:553 mg/kg JAPMAB 44,766,55
* ivn-mus LD50:52 mg/kg JAPMAB 44,766,55

CARBAMIC ACID, ETHYL(3-PROPOXYPHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER, MONOHYDROCHLORIDE see: FD8960000

FB0705000 CARBAMIC ACID, 4-ETHYL-m-TOLYL ESTER
UPDT:8406 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: 4-ETHYL-3-METHYLPHENYL CARBAMATE * 4-ETHYL-m-TOLYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:40 mg/kg JPPMAB 13,39,61

FB0706000 CARBAMIC ACID, 5-ETHYL-m-TOLYL ESTER
UPDT:8406 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: 5-ETHYL-3-METHYLPHENYL CARBAMATE * 5-ETHYL-m-TOLYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:374 mg/kg JPPMAB 13,39,61

FB0750000 CARBAMIC ACID, 4-ETHYL-2,5-XYLYL ESTER
UPDT:8406 MW: 193.27 MOLFM: C11-H15-N-O2
SYN: 4-ETHYL-2,5-DIMETHYLPHENYL CARBAMATE * 4-ETHYL-2,5-XYLYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:23130 ug/kg JPPMAB 13,39,61

CARBAMIC ACID, 2-ETHYNYL-2-BUTYL ESTER see: SC5075000

CARBAMIC ACID, 1-ETHYNYLCYCLOHEXYL ESTER see: GV9275000

FB1440000 CARBAMIC ACID, (2-(HEPTYLOXY)PHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8302 CAS: 55792-21-7 MW: 399.03 MOLFM: C21-H34-N2-O3-Cl-H
SYN: HEPTACAINE * 2-HEPTYLOXYCARBANILIC ACID 2-(1-PIPERIDINYL)ETHYL ESTER HYDROCHLORIDE * (2-(HEPTYLOXY)PHENYL)CARBAMIC ACID 2-(1-PIPERIDINYL)ETHYL ESTER HYDROCHLORIDE * N-(2-(HEPTYLOXY)PHENYL)CARBAMOYLOXY)ETHYL)PIPERIDINIUM CHLORIDE * PIPERIDINOETHYL 2-HEPTOXYPHENYLCARBAMOATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:150 mg/kg DRFUD4 4,489,79
scu-mus LD50:545 mg/kg DRFUD4 4,489,79
* ivn-mus LD50:17600 ug/kg AFPCAG 29,81,76

CARBAMIC ACID, (2-(HEPTYLOXY)PHENYL)-, 2-(DIETHYLAMINO)-1-METHYLETHYL ESTER, HYDROCHLORIDE see: FD8940400 CARBANILIC ACID, o-(HEPTYLOXY)-, 2-(DIETHYLAMINO)-1-METHYLETHYL ESTER,HYDROCHLORIDE

CARBAMIC ACID, (2-(HEPTYLOXY)PHENYL)-, 1-METHYL-2-(1-PIPERIDINYL)ETHYL ESTER HYDROCHLORIDE see: FD8942150 CARBANILIC ACID, o-(HEPTYLOXY)-, 1-METHYL-2-PIPERIDINOETHYL ESTER,HYDROCHLORIDE

CARBAMIC ACID, (2-(HEPTYLOXY)PHENYL)-, 3-(1-PIPERIDINYL)PROPYL ESTER, HYDROCHLORIDE see: FD8942300 CARBANILIC ACID, o-(HEPTYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE

CARBAMIC ACID, (2-(HEPTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, ETHANEDIOATE (1:1) see: FD8942400 CARBANILIC ACID, o-(HEPTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, OXALATE (1:1)

FB1500000 CARBAMIC ACID, HEXAMETHYLENEDI-, BIS(3-IODO-2-PROPYNYL) ESTER
UPDT:8306 CAS: 55406-56-9 MW: 532.14 MOLFM: C14-H18-I2-N2-O4
SYN: CARBAMIC ACID, 1,6-HEXANEDIYLBIS-, BIS(3-IODO-2-PROPYNYL) ESTER (9CI) * DI(3-IODO-2-PROPYNYL)HEXAMETHYLENE 1,6-DICARBAMATE * HEXAMETHYLENEDICARBAMIC ACID BIS(3-IODO-2-PROPYNYL) ESTER

TOXICITY DATA AND REFERENCES:
3FO3K01R20 scu-mus LD50:1120 mg/kg FAVUAI 13,50,81

CARBAMIC ACID, 1,6-HEXANEDIYLBIS-, BIS(3-IODO-2-PROPYNYL) ESTER (9CI) see: FB1500000

FB1526000 CARBAMIC ACID, N-HEXYL-N-(2-(HEXYLAMINO)ETHYL)-, METHYL ESTER
UPDT:8410 MW: 286.52 MOLFM: C16-H34-N2-O2

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg NTIS** AD-A132-626

CARBAMIC ACID, (2-(HEXYLOXY)PHENYL)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE see: FD8943800 CARBANILIC ACID, o-(HEXYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER,HYDROCHLORIDE

CARBAMIC ACID, (2-(HEXYLOXY)PHENYL)-, 3-(1-PIPERIDINYL)PROPYL ESTER, HYDROCHLORIDE see: FD8944000 CARBANILIC ACID, o-(HEXYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE

CARBAMIC ACID, (2-(HEXYLOXY)PHENYL)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, MONOHYDROCHLORIDE see: FD8944500 CARBANILIC ACID, o-(HEXYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, HYDROCHLORIDE

CARBAMIC ACID, HYDRAZIDE see: VT2975000

FB1750000 CARBAMIC ACID, HYDROXY-, ETHYL ESTER
UPDT:8412 CAS: 589-41-3 MW: 105.11 MOLFM: C3-H7-N-O3
SYN: ETHYL N-HYDROXYCARBAMATE * HYDROXYCARBAMIC ACID ETHYL ESTER * N-HYDROXY ETHYL CARBAMATE * N-HYDROXYURETHAN * N-HYDROXYURETHANE * NHU * NSC-83629 * NSC-71045 * SQ 16819

MUTATION DATA AND REFERENCES:
dor-esc 10 mg/L JJIND8 62,873,79
dnd-esc 200 mmol/L BBACAQ 312,1,73
ams-bcs 10 mmol/L MUREAV 4,517,67
sln-dmg-par 30 mmol/L CBINAB 1,257-69-70
dni-hmn:hla 1320 umol/L/48H BCPCA6 14,205,65
cyt-hmn:leu 333 umol/L/48H CNREAB 25,980,65
sce-rat-ipr 400 mg/kg MUREAV 126,159,84
cyt-mus:emb 50 umol/L JNCIAM 32,667,64
sce-mus-ipr 1100 umol/kg CNREAB 41,4489,81
sce-mus-unk 400 mg/kg BANRDU 13,293,82
cyt-ham:ath 50 umol/L JNCIAM 32,667,64
sce-ham-unk 400 mg/kg BANRDU 13,293,82
sce-ham:lng 5 gm/L CRNGDP 3,1437,82
sce-ham-ipr 400 mg/kg MUREAV 126,159,84
msc-ham:lng 10 mg/L CRNGDP 3,1437,82
dnd-mam:lym 200 mmol/L BBACAQ 312,1,73
dnd-ckn:lym 200 mmol/L BBACAQ 312,1,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T24T26T34 scu-mus TDLo:738 mg/kg (6-14D preg) NTIS** PB223-160
3T34T41T42 ipr-ham TDLo:252 mg/kg (8D preg) CNREAB 27,1696,67
3T43T45T46 ipr-ham TDLo:252 mg/kg (8D preg) CNREAB 27,1696,67
1T35 ipr-ham TDLo:1009 mg/kg (8D preg) CNREAB 27,1696,67

TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-rat TDLo:500 mg/kg RRCRBU 52,29,75
2V03D29 scu-rat TDLo:8 gm/kg:8W-I JNCIAM 43,749,69
2V02J60 ipr-mus TDLo:2400 mg/kg:2W-I CNREAB 29,2184,69
3V02T65J60 unk-mus TDLo:1 mg/kg (21D preg) 40YJAX -,141,76
2V03J60 ipr-mus TD :1 gm/kg VOONAW 15(2),66,69
2V02J60 ipr-mus TD :2400 mg/kg/4W-I CNREAB 29,2184,69
3V02J60P61 ipr-mus TD :5800 mg/kg/10W-I IJCNAW 4,318,69
3V03J60P61 ipr-mus TD :2900 mg/kg/5W-I IJCNAW 4,318,69

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:800 mg/kg ADTEAS 3,181,68

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB1925000 CARBAMIC ACID, 2-HYDROXYETHYL ESTER
UPDT:8305 CAS: 5395-01-7 MW: 105.11 MOLFM: C3-H7-N-O3
SYN: beta-HYDROXYETHYLCARBAMATE * 2-HYDROXYETHYLCARBAMATE

MUTATION DATA AND REFERENCES:
msc-ham:lng 1 gm/L CRNGDP 3,1437,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ipr-ham TDLo:505 mg/kg (8D preg) CNREAB 27,1696,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, (2-HYDROXYETHYL)-, gamma-LACTONE see: RQ2450000

FB2200000 CARBAMIC ACID, N-(2-HYDROXYETHYL)-N-NITROSO-, ETHYL ESTER
UPDT:8401 CAS: 62641-68-3 MW: 162.17 MOLFM: C5-H10-N2-O4
SYN: ETHYL N-(2-HYDROXYETHYL)-N-NITROSOCARBAMATE * N-(2-HYDROXYETHYL)-N-NITROSO CARBAMIC ACID ETHYL ESTER

MUTATION DATA AND REFERENCES:
mmo-sat 800 nmol/L MUREAV 48,131,77

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

FB2250000 CARBAMIC ACID, N-(2-HYDROXYETHYL)-N-NITROSO-, ETHYL ESTER, ACETATE
UPDT:8403 CAS: 62681-13-4 MW: 204.21 MOLFM: C7-H12-N2-O5

SYN: N-(2 ACETOXYETHYL)-N-NITROSOCARBAMIC ACID ETHYL ESTER * CARBAMIC ACID, (2 (ACETYLOXY)ETHYL)NITROSO-, ETHYL ESTER (9CI) * ETHYL N-(2-ACETOXYETHYL)-N-NITROSOCARBAMATE * N-(2 HYDROXYETHYL) N-NITROSOCARBAMIC ACID ETHYL ESTER ACETATE

MUTATION DATA AND REFERENCES:
mmo-sat 2400 pmol/L — MUREAV 48,131,77

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

FB2270000 CARBAMIC ACID, 2-HYDROXY-3-(o-METHOXYPHENOXY)PROPYL ESTER
UPDT:8410 MW: 241.27 MOLFM: C11-H15-N-O5

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1130 mg/kg — YKKZAJ 76,880,56

FB2350000 CARBAMIC ACID, N-HYDROXYMETHYL-N-METHYLDITHIO-, POTASSIUM SALT
UPDT:8309 CAS: 51026-28-9 MW: 175.32 MOLFM: C3-H6-N-O-S2-R
SYN: BUNEMA * POTASSIUM N-HYDROXYMETHYL N-METHYLDITHIOCARBAMATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:590 mg/kg — FMCHA2 ,C38,83

CARBAMIC ACID, beta-HYDROXYPHENETHYL ESTER see: KI2625000

FB2710000 CARBAMIC ACID, 2-HYDROXY-3-(o-TOLYLOXY)PROPYL ESTER
UPDT:8408 CAS: 533-06-2 MW: 225.27 MOLFM: C11-H15-N-O4
SYN: 1-CARBAMOYLOXY-2-HYDROXY-3-(o-METHYLPHENOXY)PROPANE * 2-HYDROXY-3-o-TOLYLOXYPROPYL 1-CARBAMATE * KIMAVOXYL * MC 2303 * MEPHENESIN CARBAMATE * 3-(2 METHYLPHENOXY)-1,2-PROPANEDIOL 1-CARBAMATE * 1,2-PROPANEDIOL, 3-(o-TOLYLOXY)-, 1-CARBAMATE * SQ 2303 * 3-o-TOLOXY-2-HYDROXYPROPYL 1-CARBAMATE * 3-o-TOLOXY-1,2-PROPANEDIOL 1-CARBAMIC ACID ESTER * TOLSERAM * 3-o-TOLYLOXY-2-HYDROXYPROPYL 1-CARBAMATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1050 mg/kg	JPETAB 129,75,60
ipr-rat LD50:413 mg/kg	JPETAB 129,75,60
orl-mus LD50:1050 mg/kg	JPETAB 129,75,60
ipr-mus LD50:490 mg/kg	JPETAB 129,75,60
orl-ham LD50:982 mg/kg	JPETAB 129,75,60
ipr-ham LD50:385 mg/kg	JPETAB 129,75,60

FB2715000 CARBAMIC ACID, N-HYDROXY-, 2,3,5-TRIMETHYLPHENYL ESTER
UPDT:8406 MW: 195.24 MOLFM: C10-H13-N-O3
SYN: N-HYDROXYCARBAMIC ACID 2,3,5-TRIMETHYLPHENYL ESTER

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:221 mg/kg — JPPMAB 13,39,61

FB2716000 CARBAMIC ACID, N-HYDROXY-, 2,4,5-TRIMETHYLPHENYL ESTER
UPDT:8406 MW: 195.24 MOLFM: C10-H13-N-O3
SYN: N-HYDROXYCARBAMIC ACID 2,4,5-TRIMETHYLPHENYL ESTER

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:86300 ug/kg — JPPMAB 13,39,61

FB2975000 CARBAMIC ACID, ISOPROPYL ESTER
UPDT:8401 CAS: 1746-77-6 MW: 103.14 MOLFM: C4-H9-N-O2
SYN: CARBAMIC ACID, 1-METHYLETHYL ESTER * ISOPROPYL CARBAMATE

MUTATION DATA AND REFERENCES:

mmo-esc 25000 ppm	CRSBAW 143,776 (9
dni-mus-ipr 1 gm/kg	CNREAB 29,994,69
sce-mus-ipr 4400 umol/kg	CNREAB 41,4489,81

TUMORIGENIC DATA AND REFERENCES:

2V02J60 ipr-mus TDLo:2400 mg/kg/4W-I	CNREAB 29,2184,69
2V02J60 ipr-mus TD :6500 mg/kg/13W-I	JNCIAM 8,99,47

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1280 mg/kg — AJEBAK 45,507,67

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB3150000 CARBAMIC ACID, ISOPROPYL-, ETHYL ESTER
UPDT:8401 CAS: 2594-20-9 MW: 131.20 MOLFM: C6-H13-N-O2
SYN: ISOPROPYL ETHYL URETHAN

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:6500 mg/kg/13W-I — JNCIAM 9,35,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB3325000 CARBAMIC ACID, ISOPROPYL-, 2-(HYDROXYMETHYL)-2-METHYLPENTYL ESTER CARBAMATE (ester)
UPDT:8412 CAS: 78-44-4 MW: 260.38 MOLFM: C12-H24-N2-O4
SYN: APESAN * ARUSAL * BRIANIL * CAPRODAT * CARBAMIC ACID, ESTER with 2-(HYDROXYMETHYL)-2-METHYLPENTYLISOPROPYLCARBAMATE * CARBAMIC ACID, ester with 2-METHYL-2-PROPYL-1,3-PROPANEDIOL ISOPROPYLCARBAMATE * CARISOL * CARISOMA * CARISOPRODATE * CARISOPRODATUM * CARISOPRODOL * CARLSOMA * CARLSOPROL * CARSODAL * CARSODOL * CB 8019 * DIOLENE * DOMARAX * FLERAL * FLEXARTAL * FLEXARTEL * ISOBAMATE * ISOMEPROBAMATE * ISOPROPYLCARBAMIC ACID, ESTER with 2-(HYDROXYMETHYL)-2-METHYLPENTYL CARBAMATE * ISOPROPYL MEPROBAMATE * N-ISOPROPYL-2-METHYL-2-PROPYL-1,3-PROPANEDIOL DICARBAMATE * MEDIQUIL * (1-METHYLETHYL)CARBAMIC ACID, 2-(((AMINOCARBONYL)OXY)METHYL)-2-METHYLPENTYL ESTER * 2-METHYL-2-PROPYL-1,3-PROPANEDIOL CARBAMATE ISOPROPYLCARBAMATE * MIOARTRINA * MIOLISODAL * MIOLISODOL * MIORATRINA * MIORIL * MIORIODOL * NCI-C56235 * NOSPASM * 1,3-PROPANEDIOL, 2-METHYL-2-PROPYL-, CARBAMATE ISOPROPYLCARBAMATE (ester) * RELA * RELASOM * RELAX * SANOMA * SCM 7307 * SOMA * SOMADRIL * SOMALGIT * SOMANIL * TONOLYT ISOPROPYL MEPROBAMATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1320 mg/kg	JPETAB 127,66,59
ipr-rat LD50:450 mg/kg	JPETAB 127,66,59
ivn-rat LD50:450 mg/kg	PSCBAY 2,17,63
orl-mus LD50:2340 mg/kg	JPETAB 127,66,59
ipr-mus LD50:980 mg/kg	BCPCA6 11,639,62
ivn-mus LD50:165 mg/kg	JPETAB 127,66,59
ivn-rbt LD50:124 mg/kg	IJNEAQ 5,305,66

STATUS:
NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984

FB3380000 CARBAMIC ACID, ISOPROPYL-, 4-PYRIDYLMETHYL ESTER
UPDT:8306 CAS: 4867-59-8 MW: 194.76 MOLFM: C10-H14-N2-O2
SYN: ISOPROPYLCARBAMIC ACID 4-PYRIDYLMETHYL ESTER

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:217 mg/kg — CHTPBA 1,164,66

FB3750000 CARBAMIC ACID, (MERCAPTOACETYL)METHYL-, m-CUMENYL ESTER, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE
UPDT:8309 CAS: 22343-07-3 MW: 391.47 MOLFM: C15-H22-N-O5-P-S2
SYN: ENT 27,348 * HERCULES 14469 * 3-(1-METHYLETHYL)PHENYL(((DIMETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)METHYLCARBAMATE * NSC 8654

TOXICITY DATA AND REFERENCES:
orl-rat LD50:432 mg/kg — ARSIM* 20,12,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB3850000 CARBAMIC ACID, (MERCAPTOACETYL)METHYL-, ETHYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT:8309 CAS: 2595-54-2 MW: 329.40 MOLFM: C10-H20-N-O5-P-S2
SYN: AFOS * O,O-DIAETHYL S-(3-METHYL-2,4-DIOXO-5-OXA-3-AZA-HEPTYL) DITHIOPHOSPHAT (German) * O,O-DIETHYL S-(N-ETHOXYCARBONYL-N-METHYLCARBAMOYLMETHYL) PHOSPHORODITHIOATE * O,O-DIETHYL S-(N-ETHOXYCARBONYL-N-METHYLCARBAMOYLMETHYL) PHOSPHOROTHIOLOTHIONATE * O,O-DIETHYL S-(N-METHYL-N-CARBOETHOXYCARBAMOYLMETHYL) DITHIOPHOSPHATE * O,O-DIETHYL S-(3-METHYL-2,4-DIOXO-5-OXA-3-AZA-HEPTYL)-DITHIOFOSFAAT (Dutch) * O,O-DIETIL S-(N-ETOSSI-CARBONIL-N-METIL-CARBAMOIL-METIL)-DITIOFOSFATO (Italian) * DITHIOPHOSPHATE DE O,O-DIETHYLE ET DE S-N-METHYL-N-CARBOETHOXY CARBAMOYLMETHYLE (French) * N-ETHOXYCARBONYL-N-METHYLCARBAMOYLMETHYL O,O-DIETHYL PHOSPHORODITHIOATE * S-((ETHOXYCARBONYL)METHYLCARBAMOYL)METHYL O,O-DIETHYL PHOSPHORODITHIOATE * S-(N-ETHOXYCARBONYL-N-METHYLCARBAMOYLMETHYL)-DIETHYL PHOSPHORODITHIOATE * MARFOTOKS * MC 474 * MECARBAM * MS 1053 * MS 1143 * MURATOX * MUREOTOX * MUROTOX * MURPHOTOX * MURULTOX * PENNSALT TD 73 * PESTAN

TOXICITY DATA AND REFERENCES:

orl-rat LD50:36 mg/kg	28ZEAL 5,144,76
skn-rat LD50:380 mg/kg	WRPCA2 9,119,70
unk-rat LD50:36 mg/kg	30ZDA9 -,364,71
orl-mus LD50:106 mg/kg	GUCHAZ 6,323,73
orl-gpg LDLo:25 mg/kg	JEENAI 62,934,69
scu-gpg LDLo:50 mg/kg	JEENAI 62,934,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB3870000 CARBAMIC ACID, 2-MERCAPTOETHYLDITHIO-
UPDT:8311 CAS: 69353-03-3 MW: 153.29 MOLFM: C3-H7-N-S3
SYN: 2-MERCAPTOETHYLDITHIOCARBAMIC ACID

TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:350 mg/kg — JMPCAS 5,846,62

CARBAMIC ACID, (2-MERCAPTOETHYL)-, ETHYL ESTER, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE see: FA3325000

FB3950000 CARBAMIC ACID, 2-(((MERCAPTOMETHYL)THIO)ETHYL ESTER, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE
UPDT:8309 CAS: 3853-61-0 MW: 291.36 MOLFM: C6-H14-N-O4-P-S3
SYN: S-(((2-((AMINOCARBONYL)OXY)ETHYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * ENT 25,868 * PHOSPHORODITHIOIC ACID, S-(((2-((AMINOCARBONYL)OXY)ETHYL)THIO)METHYL) O,O-DIMETHYL ESTER * R 5979 * STAUFFER R-5979

TOXICITY DATA AND REFERENCES:
orl-rat LD50:44 mg/kg — ARSIM* 20,23,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB3960000 CARBAMIC ACID, (METHOXYACETYL)METHYL-, o-ISOPROPOXYPHENYL ESTER
UPDT:8309 CAS: 17959-11-4 MW: 281.34 MOLFM: C14-H19-N-O5
SYN: CARBAMIC ACID, (METHOXYACETYL)METHYL-, 2-(1-METHYLETHOXY)PHENYL ESTER * ENT 27,350 * 2-(1-METHYLETHOXY)PHENYL (METHOXYACETYL)METHYLCARBAMATE * NSC 190948 * U-18120 * UPJOHN U-18120

TOXICITY DATA AND REFERENCES:

orl-rat LD50:70 mg/kg	ARSIM* 20,26,66
orl-mus LD50:200 mg/kg	ARSIM* 20,26,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, (METHOXYACETYL)METHYL-, 2-(1-METHYLETHOXY)PHENYL ESTER see: FB3960000

CARBAMIC ACID, 2-METHOXYETHYL ESTER see: KL6100000

CARBAMIC ACID, (4-(((METHYLAMINO)CARBONYL)OXY)-2-(1-METHYLETHYL)PHENYL)-, METHYL ESTER (9CI) see: FD9275000

FB4570000 CARBAMIC ACID, METHYL-, 1,4-BENZODIOXAN-5-YL ESTER
UPDT:8309 CAS: 13792-21-7 MW: 209.22 MOLFM: C10-H11-N-O4
SYN: 1,4-BENZODIOXAN-5-YL METHYLCARBAMATE * ENT 27,362 * NSC 67279 * R 11163 * STAUFFER R-11163

TOXICITY DATA AND REFERENCES:
orl-rat LD50:126 mg/kg — ARSIM* 20,24,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB4725000 CARBAMIC ACID, METHYL-, BENZO(b)THIEN-4-YL ESTER
UPDT:8309 CAS: 1079-33-0 MW: 207.26 MOLFM: C10-H9-N-O2-S
SYN: BENZO(b)THIEN-4-YL METHYLCARBAMATE * 4-BENZO(THIENYL) METHYLCARBAMATE * BENZO(b)THIOPHENE-4-CL METHYLCARBAMATE * ENT 27041 * MCA 600 * MOBAM * MOBAM PHENOL * MOBIL MC A-600 * MOS 708 * OMS 708

TOXICITY DATA AND REFERENCES:

orl-rat LD50:70 mg/kg	TXAPA9 11,546,67
ipr-rat LD50:40800 ug/kg	BWHOA6 44(1-3),241,71
ivn-rat LD50:24800 ug/kg	BWHOA6 44(1-3),241,71
unk-rat LD50:234 mg/kg	30ZDA9 -,192,71
orl-gpg LDLo:50 mg/kg	JEENAI 60,733,67
scu-gpg LDLo:25 mg/kg	JEENAI 60,733,67
orl-pgn LD50:273 mg/kg	TXAPA9 20,57,71
orl-ckn LD50:85 mg/kg	TXAPA9 11,49,67
orl-qal LD50:668 mg/kg	TXAPA9 20,57,71
orl-dck LD50:1130 mg/kg	TXAPA9 20,57,71
orl-bwd LD50:58 mg/kg	TXAPA9 20,57,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, METHYL-, 2,4-BIS(DIMETHYLAMINO)PHENYL ESTER, HYDROCHLORIDE see: SJ7785400

CARBAMIC ACID, METHYL-, 2,5-BIS(DIMETHYLAMINO)PHENYL ESTER, HYDROCHLORIDE see: SJ7785500

CARBAMIC ACID, METHYL- alpha,5-BIS(DIMETHYLAMINO)-o-TOLYL ESTER, DIHYDROCHLORIDE see: GO6862000

CARBAMIC ACID, METHYL-, 3,5-BIS(1-METHYLETHYL)PHENYL ESTER see: FB9800000

CARBAMIC ACID, METHYL-, 2-(BIS(METHYLTHIO)METHYL)PHENYL ESTER see: FC7600000

CARBAMIC ACID, METHYL-, 3-sec-BUTYL-6-CHLOROPHENYL ESTER see: FB5075000

FB5075000 CARBAMIC ACID, METHYL-, 5-sec-BUTYL-2-CHLOROPHENYL ESTER
UPDT:8309 CAS: 2917-19-3 MW: 241.74 MOLFM: C12-H16-Cl-N-O2
SYN: CAL CHEM 5655 * CARBAMIC ACID, METHYL-, 3-sec-BUTYL-6-CHLOROPHENYL ESTER * CARBAMIC ACID, METHYL-, 2-CHLORO-5-(1-METHYLPROPYL)PHENYL ESTER * CHEVRON RE 5655 * 2-CHLORO-5-(1-METHYLPROPYL)PHENYL METHYLCARBAMATE * ENT 27,128 * 3-(1-METHYLPROPYL)-6-CHLOROPHENYL METHYLCARBAMATE * ORTHO 5655 * RE 5655

TOXICITY DATA AND REFERENCES:

orl-rat LD50:50 mg/kg	ARSIM* 20,7,66
orl-pgn LD50:7500 ug/kg	TXAPA9 21,315,72
orl-ckn LD50:19 mg/kg	TXAPA9 11,49,67
orl-dck LD50:18 mg/kg	TXAPA9 21,315,72
orl-bwd LD50:3 mg/kg	JAFCAU 15,287,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB5250000 CARBAMIC ACID, METHYL-, m-sec-BUTYLPHENYL ESTER
UPDT:8307 CAS: 673-19-8 MW: 207.30 MOLFM: C12-H17-N-O2
SYN: m-sec BUTYLPHENYL N-METHYLCARBAMATE * 3-sec BUTYLPHENYL N-METHYLCARBAMATE * CALIFORNIA CHEMICAL COMPANY RE5305 * CHEVRON RE 5305 * ENT 27,039 * H 28 * m-(1-METHYLPROPYL)PHENYLMETHYLCARBAMATE * PHENOL, m-sec BUTYL-, METHYLCARBAMATE * RE 5305 * RE 5305 (CALIFORNIA CHEMICAL)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10 mg/kg — ARSIM* 20,7,66

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

unk-rat LD50:340 mg/kg 30ZDA9 -,191,71
orl-ckn LD50:14 mg/kg TXAPA9 11,49,67
orl-bwd LD50:4 mg/kg TXAPA9 21,315,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB5425000 CARBAMIC ACID, METHYL-, o-sec-BUTYLPHENYL ESTER
UPDT:8309 CAS: 3766-81-2 MW: 207.30 MOLFM: C12-H17-N-O2
SYN: BASSA * BAYCARB * BPMC * o-sec-BUTYLPHENYL METHYLCARBAMATE * 2-sec BUTYLPHENYL N-METHYLCARBAMATE * CARVIL * HOPCIN * 2-(1-METHYLPROPYL)PHENYL METHYLCARBAMATE * OSBAC

TOXICITY DATA AND REFERENCES:
orl-rat LD50:410 mg/kg FMCHA2 -,C35,83
orl-mus LD50:173 mg/kg SPEADM 78-1,57,78
skn-mus LD50:340 mg/kg BESAAT 15,132,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB5649900 CARBAMIC ACID, METHYL-, 2-CHLORO-m-CUMENYL ESTER
UPDT:8401 CAS: 3566-09-4 MW: 227.71 MOLFM: C11-H14-Cl-N-O2
SYN: ENT 25,711-X * HERCULES 7522 * METHYLCARBAMIC ACID 2-CHLORO-m-CUMENYL ESTER * PHENOL, 2-CHLORO-3-(1-METHYLETHYL)-, METHYLCARBAMATE (9CI)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:35 mg/kg ARSIM* 20,12,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB5700000 CARBAMIC ACID, METHYL-, 4-CHLORO-2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL ESTER
UPDT:8309 CAS: 4790-92-5 MW: 255.72 MOLFM: C12-H14-Cl-N-O3
SYN: 4-CHLORO-2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL METHYLCARBAMATE * ENT 27,382 * FMC 10559 * NIA-10559 * NIAGARA 10559 * NSC 190975

TOXICITY DATA AND REFERENCES:
orl-rat LD50:248 mg/kg ARSIM* 20,16,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB5710000 CARBAMIC ACID, METHYL-, (2-CHLORO-5-(DIMETHYLAMINO)PHENYL) ESTER, HYDROCHLORIDE
UPDT:8312 CAS: 64059-13-8 MW: 215.16 MOLFM: C10-H13-Cl-N2-O2 Cl-H
SYN: CARBAMIC ACID, N-METHYL-, 2-CHLORO-5-DIMETHYLAMINOPHENYL ESTER, HYDROCHLORIDE * N-METHYLURETHANE of HYDROCHLORIDE of 6-CHLORO-3-DIMETHYLAMINOPHENOL * T-1842

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:45 mg/kg JCSOA9 -,182,47
unk-mus LD50:45 mg/kg NTIS** PB158-508
CARBAMIC ACID, N-METHYL-, 2-CHLORO-5-DIMETHYLAMINOPHENYL ESTER, HYDROCHLORIDE see: FB5710000
CARBAMIC ACID, METHYL-, (2-CHLORO-4,5-DIMETHYL)PHENYL ESTER see: FB6825000
CARBAMIC ACID, METHYL-, 2-CHLORO-5-(1-METHYLPROPYL)PHENYL ESTER see: FB5075000

FB6350000 CARBAMIC ACID, METHYL-, o-CHLOROPHENYL ESTER
UPDT:8309 CAS: 3942-54-9 MW: 185.62 MOLFM: C8-H8-Cl-N-O2
SYN: o-CHLOROPHENYL METHYLCARBAMATE * 2-CHLOROPHENYL N-METHYLCARBAMATE * CPMC * ETROFOL * HOPCIDE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:648 mg/kg FMCHA2 -,C100,83
unk-rat LD50:150 mg/kg 30ZDA9 -,190,71
orl-mus LD50:150 mg/kg GUCHAZ 6,115,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
CARBAMIC ACID, METHYL-, 2-CHLORO-4,5-XYLYL ESTER see: FB6825000

FB6825000 CARBAMIC ACID, METHYL-, 6-CHLORO-3,4-XYLYL ESTER
UPDT:8310 CAS: 671-04-5 MW: 213.68 MOLFM: C10-H12-Cl-N-O2
SYN: BANOL * BANOL TUCO 50K * CARBAMIC ACID, METHYL-, (2-CHLORO-4,5-DIMETHYL)PHENYL ESTER * CARBAMIC ACID, METHYL-, 2-CHLORO-4,5-XYLYL ESTER * CARBANOLATE * 2-CHLORO-4,5-DIMETHYLPHENYL METHYLCARBAMATE * CHLOROXYLAM * 6-CHLORO-3,4-XYLENYL N-METHYLCARBAMATE * 6-CHLORO-3,4-XYLYL N-METHYLCARBAMATE * OMS-174 * PHENOL, 2-CHLORO-4,5-DIMETHYL-, METHYL CARBAMATE (9CI) * SOK * U-12927 * U-17004 * UPJOHN U-12,927

TOXICITY DATA AND REFERENCES:
orl-rat LD50:30 mg/kg WRPCA2 9,119,70
ipr-rat LD50:11200 ug/kg BWHOA6 44(1-3),241,71
ivn-rat LD50:3 mg/kg BJIMAG 22,317,65
ims-rat LD50:24 mg/kg BJIMAG 22,317,65
unk-rat LD50:293 mg/kg 30ZDA9 -,190,71
orl-mus LD50:300 mg/kg ARSIM* 20,26,66
orl-pgn LD50:4200 ug/kg TXAPA9 21,315,72
orl-dck LD50:2400 ug/kg TXAPA9 21,315,72
orl-bwd LD50:2 mg/kg TXAPA9 21,315,72
orl-brd LD50:2 mg/kg TXAPA9 21,315,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB7875000 CARBAMIC ACID, METHYL-, m-CUMENYL ESTER
UPDT:8310 CAS: 64-00-6 MW: 193.27 MOLFM: C11-H15-N-O2
SYN: CARBAMIC ACID, N-METHYL-, 3-ISOPROPYLPHENYL ESTER * CARBAMIC ACID, METHYL-, 3-(1-METHYLETHYL)PHENYL ESTER * COMPOUND 10854 * m-CUMENOL METHYLCARBAMATE * m-CUMENYL METHYLCARBAMATE * ENT 25,500 * ENT 25,543 * H-5727 * H-8757 * HER-5727 * HERCULES 5727 * HERCULES AC-5727 * HIP * m-ISOPROPYLPHENOL N-METHYLCARBAMATE * m-ISOPROPYLPHENYL METHYLCARBAMATE * m-ISOPROPYLPHENYL N-METHYLCARBAMATE * 3-ISOPROPYLPHENYL METHYLCARBAMATE * N-METHYL m-ISOPROPYLPHENYL CARBAMATE * N-METHYL 3-ISOPROPYLPHENYL CARBAMATE * OMS-15 * OMS-162 * IPC * PHENOL, m-ISOPROPYL-, METHYLCARBAMATE * UC 10854 * UNION CARBIDE 10854 * UNION CARBIDE UC-10,854

TOXICITY DATA AND REFERENCES:
orl-rat LD50:29 mg/kg TXAPA9 21,315,72
ipr-rat LD50:14200 ug/kg BWHOA6 44(1-3),241,71
ivn-rat LD50:3150 ug/kg BJIMAG 22,317,65
ims-rat LD50:14 mg/kg BJIMAG 22,317,65
unk-rat LD50:41 mg/kg 30ZDA9 -,193,71
orl-mus LD50:16 mg/kg JAFCAU 18,793,70
ipr-mus LDLo:6 mg/kg TXAPA9 6,402,64
* ivn-mus LD50:1410 ug/kg CSLNX* NX#02085
ims-dog LDLo:13 mg/kg BJIMAG 22,317,65
* skn-rbt LD50:40 mg/kg FMCHA2 -,C248,83
orl-gpg LD50:10 mg/kg 31ZOAD 1,263,68
orl-ckn LD50:12 mg/kg TXAPA9 11,49,67
orl-bwd LD50:3 mg/kg TXAPA9 21,315,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB7880000 CARBAMIC ACID, METHYL-, o-CUMENYL ESTER
UPDT:8309 CAS: 2631-40-5 MW: 193.27 MOLFM: C11-H15-N-O2
SYN: BAY 39731 * BAY 105807 * BAYER 39731 * CARBAMIC ACID, METHYL-, o-ISOPROPYLPHENYL ESTER * CARBAMIC ACID, METHYL-, 2-(1-METHYLETHYL)PHENYL ESTER * ENT 25670 * ETROFOLAN * HYTOX * ISOPROCARB * ISOPROPYLPHENOL METHYLCARBAMATE * o-ISOPROPYLPHENYL N-METHYLCARBAMATE * 2-ISOPROPYL PHENYL N-METHYLCARBAMATE * KHE 0145 * 2-(1-METHYLETHYL)PHENYL METHYLCARBAMATE * MIPC * MIPCIN * MIPSIN * OMS-32 * PHENOL, O-ISOPROPYL-, METHYLCARBAMATE * PPC-3

TOXICITY DATA AND REFERENCES:
orl-rat LD50:178 mg/kg SPEADM 78-1,57,78
ipr-rat LD50:142 mg/kg BWHOA6 44(1-3),241,71
ivn-rat LD50:66000 ug/kg BWHOA6 44(1-3),241,71
orl-mus LD50:150 mg/kg GUCHAZ 6,358,73
skn-mus LD50:7600 mg/kg GUCHAZ 6,358,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBAMIC ACID, METHYL-, 4-(2-CYANOETHYL)PHENYL ESTER see: FC2700000
CARBAMIC ACID, METHYL-, 4-(CYANOMETHYL)PHENYL ESTER see: FC2750000

FB8050000 CARBAMIC ACID, METHYL-, m-CYM-5-YL ESTER
UPDT:8403 CAS: 2631-37-0 MW: 207.30 MOLFM: C12-H17-N-O2
SYN: CARBAMIC ACID, N-METHYL-, 3-METHYL-5-ISOPROPYLPHENYL ESTER * CARBAMIC ACID, METHYL-, 3-METHYL-5-(1-METHYLETHYL)PHENYL ESTER * CARBAMULT * m-CYM-5-YL METHYLCARBAMATE * ENT 27390 * ENT 27,300-a * EP 316 * METHYLCARBAMIC ACID m-CYM-5-YL ESTER * 3-METHYL-5-ISOPROPYL N-METHYLCARBAMATE * 3-METHYL-5-ISOPROPYLPHENYL N-METHYLCARBAMATE * 3-METHYL-5-(1-METHYLETHYL)PHENOLMETHYLCARBAMATE * MINACIDE * MORTON EP-316 * OMS-716 * PROMECARB * PROMECARBE * SCHERING 34615 * SN 34615 * T-32 * UC 9880 * UNION CARBIDE UC-9880

TOXICITY DATA AND REFERENCES:
orl-rat LD50:60 mg/kg MEIEDD 10,1122,83
skn-rat LD50:450 mg/kg WRPCA2 9,119,70
ipr-rat LD50:27200 ug/kg BWHOA6 44(1-3),241,71
ivn-rat LD50:5 mg/kg BJIMAG 22,317,65
ims-rat LD50:44 mg/kg BJIMAG 22,317,65
orl-mus LD50:16 mg/kg BESAAT 15,131,69
orl-gpg LDLo:25 mg/kg JEENAI 61,1261,68
scu-gpg LDLo:25 mg/kg JEENAI 61,1261,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB8400000 CARBAMIC ACID, METHYL-, 4-(DIALLYLAMINO)-3,5-XYLYL ESTER
UPDT:8309 CAS: 6392-46-7 MW: 274.40 MOLFM: C16-H22-N2-O2
SYN: ALLYXYCARB * APC * BAY 50282 * 4-DIALLYLAMINO-3,5-DIMETHYLPHENYL N-METHYLCARBAMATE * 4-DIALLYLAMINO-3,5-XYLYL N-METHYLCARBAMATE * 3,5-DIMETHYL-4-DIALLYLAMINOPHENYL-N-METHYLCARBAMATE * ENZOSE * HYDROL * 3,5-XYLENOL, 4-(DIALLYLAMINO)-, METHYLCARBAMATE (ester)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:89 mg/kg TXAPA9 21,315,72
unk-mus LD50:48 mg/kg 30ZDA9 -,192,71
orl-bwd LD50:13 mg/kg JAFCAU 15,287,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB8560000 CARBAMIC ACID, N-METHYL-, 3,4-DICHLOROBENZYL ESTER
UPDT:8309 CAS: 1966-58-1 MW: 234.09 MOLFM: C9-H9-Cl2-N-O2
SYN: BENZENEMETHANOL, 3,4-DICHLORO-, METHYLCARBAMATE * 3,4-DICHLOROBENZYL METHYLCARBAMATE * ROWMATE * SIRMATE * UC22463

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1870 mg/kg WRPCA2 9,119,70
orl-mus LD50:1620 mg/kg 31ZOAD 1,141,68

FB8575000 CARBAMIC ACID, N-METHYL-, 3,4-DICHLOROBENZYL ESTER, mixed with CARBAMIC ACID, N-METHYL-, 2,3-DICHLOROBENZYL ESTER (4:1)
UPDT:8310 CAS: 62046-37-1 MW: 234.09 MOLFM: C9-H9-Cl2-N-O2
SYN: BENZENEMETHANOL, 2,3(or 3,4)-DICHLORO-, METHYL CARBAMATE (9CI) * CHLORXYLAM * 3,4-DICHLOROBENZYL METHYLCARBAMATE mixed with 2,3-DICHLOROBENZYL METHYLCARBAMATE (80%:20%) * ENT 25,736 * ROWMATE * SIRMATE * U-17004 * UC 22,463

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1870 mg/kg 28ZEAL 4,144,69

FB8620000 CARBAMIC ACID, METHYL-, 3,4-DICHLOROBENZYL ESTER, and METHYLCARBAMIC ACID 2,3-DICHLORO BENZYL ESTER (4:1)
UPDT:8309 MW: 234.09 MOLFM: C9-H9-Cl2-N-O2
SYN: 3,4- and 2,3-DICHLOROBENZYL N-METHYLCARBAMATE * ROWMATE * SIRMATE * UC 22463

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1879 mg/kg FMCHA2 -,C208,83
CARBAMIC ACID, METHYL-, p-((2-DIETHYLAMINOETHYL)-METHYLAMINO)PHENYL ESTER, DIHYDROBROMIDE see: SL0552000
CARBAMIC ACID, N-METHYL-, 4-DIETHYLAMINOPHENYL ESTER, ETHIODIDE see: BR4550000
CARBAMIC ACID, N-METHYL-, 3-DIETHYLARSINOPHENYL ESTER, METHIODIDE see: CH9900000
CARBAMIC ACID, N-METHYL-, 3-(DIETHYLMETHYLAMMONIO)PHENYL ESTER, IODIDE see: BR1840000

FB9450000 CARBAMIC ACID, METHYL-, 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL ESTER
UPDT:8408 CAS: 1563-66-2 MW: 221.28 MOLFM: C12-H15-N-O3
SYN: BAY 70143 * CARBAMIC ACID, METHYL-, 2,2-DIMETHYL-2,3-DIHYDROBENZOFURAN-7-YL ESTER * CARBOFURAN * CARBOFURAN (DOT) * CURATERR * D 1221 * 2,3-DIHYDRO-2,2-DIMETHYLBENZOFURANYL-7-N-METHYLCARBAMATE * 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL METHYLCARBAMATE * 2,2-DIMETHYL-7-COUMARANYL N-METHYLCARBAMATE * 2,2-DIMETHYL-2,3-DIHYDRO-7-BENZOFURANYL N-METHYLCARBAMATE * ENT 27,164 * FMC 10242 * FURADAN * FURODAN * METHYL CARBAMIC ACID 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL ESTER * NA 2757 (DOT) * NIA 10242 * NIAGARA 10242 * NIAGARA NIA-10242 * YALTOX

MUTATION DATA AND REFERENCES:
mmo-sat 10 mg/plate MUREAV 116,185,83
mma-sat 10 mg/plate MUREAV 116,185,83
mmo-omi 60 mg/L MILEDM 12,79,79
msc-ham:ing 1 mmol/L ENVRAL 29,48,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 orl-mus TDLo:210 ug/kg (1-21D preg) JEPTDQ 2(2),357,78
3T54T81T91 orl-mus TDLo:10500 ug/kg (1-21D preg) JEPTDQ 4(5-6),53,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5300 ug/kg ARSIM* 20,16,66
ihl-rat LC50:85 mg/m3 JOCMA7 12,16,70
skn-rat LD50:120 mg/kg WRPCA2 9,119,70
orl-mus LD50:2 mg/kg JAFCAU 18,793,70
orl-dog LD50:19 mg/kg JOCMA7 12,16,70
ihl-dog LC50:52 mg/m3 JOCMA7 12,16,70
skn-rbt LD50:885 mg/kg GUCHAZ 6,81,73
unk-rbt LD50:885 mg/kg 30ZDA9 -,192,71
ihl-gpg LC50:43 mg/m3/4H TobJS# 9NOV73
orl-ckn LD50:6 mg/kg TXAPA9 11,49,67
orl-dck LD50:415 ug/kg TXAPA9 22,556,72
orl-bwd LD50:420 ug/kg TXAPA9 26,154,73
skn-bwd LD50:100 mg/kg TXAPA9 26,154,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JAVMA4 164(3),277,74
★ TLV-TWA 100 ug/m3 DTLVS* 4,67,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD-POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ DOT-HAZARD-POISON B; LABEL:POISON, liquid CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0779-0299

BEST COPY AVAILABLE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB9625000 CARBAMIC ACID, METHYL-, 2,3-DIHYDRO-2-METHYL-7-BENZOFURANYL ESTER

UPDT:8309 CAS: 1563-67-3 MW: 207.25 MOLFM: C11-H13-N-O3

SYN: A 468 * BAY 48130 * BAY 62863 * BAYER 62863 * C 1120 * DECARBOFURAN * 2,3-DIHYDRO-2-METHYLBENZOFYRANYL-7 N-METHYLCARBAMATE * ENT 27.324

TOXICITY DATA AND REFERENCES:

orl-rat LD50:43 mg/kg	JAFCAU 20,923,72
orl-gpg LDLo:25 mg/kg	JEENAI 61,1261,68
scu-gpg LDLo:25 mg/kg	JEENAI 61,1261,68

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB9700000 CARBAMIC ACID, METHYL-, 2,3-DIHYDRO-2,2,4-TRIMETHYL-7-BENZOFURANYL ESTER

UPDT:8309 CAS: 4785-72-2 MW: 235.31 MOLFM: C13-H17-N-O3

SYN: 2,3-DIHYDRO-2,2,4-TRIMETHYL-7 BENZOFURANYL METHYLCARBAMATE * ENT 27.383 * FMC 10586 * NIA-10586 * NIAGARA 10586 * NSC 190976

TOXICITY DATA AND REFERENCES:

orl-rat LD50:12 mg/kg	ARSIM* 20,16.86

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FB9800000 CARBAMIC ACID, METHYL-, 3,5-DIISOPROPYLPHENYL ESTER

UPDT:8309 CAS: 330-64-3 MW: 235.36 MOLFM: C14-H21-N-O2

SYN: 3,5-BIS(1-METHYLETHYL)PHENYL METHYLCARBAMATE * CARBAMIC ACID, METHYL-, 3,5-BIS(1-METHYLETHYL)PHENYL ESTER * 3,5-DIISOPROPYLPHENYL METHYLCARBAMATE * 3,5-DIISOPROPYLPHENYL N-METHYLCARBAMATE * JHP * ENT 25.780 * HOOKER HRS-1422 * HRS 1422 * PHENOL, 3,5-BIS(1-METHYLETHYL)-, METHYLCARBAMATE * PHENOL, 3,5-DIISOPROPYL-, METHYLCARBAMATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:200 mg/kg	TXAPA9 14,515,69
ipr-rat LD50:267 mg/kg	BWHOA6 44(1-3),241,71
ivn-rat LD50:29700 ug/kg	BWHOA6 44(1-3),241,71
ipr-mus LD50:31 mg/kg	BECTA6 2,163,67
orl-bwd LD50:10 mg/kg	TXAPA9 21,315,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, METHYL-, 4-(DIMETHYLAMINO)-3,5-DIMETHYLPHENYL ESTER see: FC0700000

CARBAMIC ACID, METHYL-, 3-(DIMETHYLAMINO)-4-ISOPROPYLPHENYL ESTER, HYDROCHLORIDE see: SL1875000

FB9880000 CARBAMIC ACID, METHYL-, 4-(((DIMETHYLAMINO)METHYLENE)AMINO)-m-TOLYL ESTER

UPDT:8309 CAS: 17702-57-7 MW: 235.32 MOLFM: C12-H17-N3-O2

SYN: N,N-DIMETHYL-N'-(2-METHYL-4-(((METHYLAMINO)CARBONYL)OXY)PHENYL)METHANIMIDAMIDE * ENT 27.305 * FORMPARANATE * SCHERING 36103 * UC-25074 * UNION CARBIDE UC-25074

TOXICITY DATA AND REFERENCES:

orl-rat LD50:7200 ug/kg	ARSIM* 20,26.86

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, METHYL-, 4-(DIMETHYLAMINO)-5-METHYL-2-(1-METHYLETHYL)PHENYL ESTER see: FB9910000

CARBAMIC ACID, METHYL-, 4-(DIMETHYLAMINO)-3-METHYLPHENYL ESTER see: FC0175000

CARBAMIC ACID, N-METHYL-, 3-DIMETHYLAMINO-4-METHYLPHENYL ESTER, HYDROCHLORIDE see: FC0528000

CARBAMIC ACID, N-METHYL-, 3-DIMETHYLAMINO-5-METHYLPHENYL ESTER, METHIODIDE see: BR6200000

CARBAMIC ACID, N-METHYL-, 3-DIMETHYLAMINOPHENYL ESTER, ETHIODIDE see: BR2030000

CARBAMIC ACID, N-METHYL-, 3-DIMETHYLAMINOPHENYL ESTER, HYDROCHLORIDE see: FB9895000

FB9895000 CARBAMIC ACID, N-METHYL-, 3-(DIMETHYLAMINO)PHENYL ESTER, HYDROCHLORIDE

UPDT:8312 CAS: 63982-40-1 MW: 230.72 MOLFM: C10-H14-N2-O2-Cl-H

SYN: AR-12 * CARBAMIC ACID, N-METHYL-, 3-DIMETHYLAMINOPHENYL ESTER, HYDROCHLORIDE * METHYLCARBAMIC ESTER of 3-OXYPHENYLDIMETHYLAMINE HYDROCHLORIDE * N-METHYLURETHANE of HYDROCHLORIDE of 3-DIMETHYLAMINOPHENOL

TOXICITY DATA AND REFERENCES:

orl-mus LD50:100 mg/kg	JCSOA9 -,182,47
* scu-mus LD50:25 mg/kg	JCSOA9 -,182,47
ivn-mus LDLo:15 mg/kg	JPETAB 43,413,31

CARBAMIC ACID, N-METHYL-, 2-DIMETHYLAMINOPHENYL ESTER METHIODIDE see: BR4375000

CARBAMIC ACID, N-METHYL-3-DIMETHYLAMINOPHENYL ESTER METHIODIDE see: BR4200000

CARBAMIC ACID, N-METHYL-, 4-DIMETHYLAMINOPHENYL ESTER, METHIODIDE see: BR4550000

CARBAMIC ACID, N-METHYL-, 3-DIMETHYLAMINOPHENYL ESTER, METHOCHLORIDE see: BR3200000

FB9910000 CARBAMIC ACID, METHYL-, 6-(DIMETHYLAMINO)THYMYL ESTER

UPDT:8309 CAS: 18659-45-5 MW: 250.38 MOLFM: C14-H22-N2-O2

SYN: CARBAMIC ACID, METHYL-, 4-(DIMETHYLAMINO)-5-METHYL-2-(1-METHYLETHYL)PHENYL ESTER * 4-(DIMETHYLAMINO)-5-METHYL-2-(1-METHYLETHYL)PHENYL METHYLCARBAMATE * ENT 27.338 * FISONS NC-1493 * NC-1493 * NSC 190938

TOXICITY DATA AND REFERENCES:

orl-rat LD50:67 mg/kg	ARSIM* 20,10.66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC0175000 CARBAMIC ACID, METHYL-, 4-DIMETHYLAMINO-m-TOLYL ESTER

UPDT:8309 CAS: 2032-59-9 MW: 208.29 MOLFM: C11-H16-N2-O2

SYN: A 363 * AMINOCARB * AMINOCARBE (French) * BAY 44646 * BAYER 5080 * BAYER 44646 * CARBAMIC ACID, METHYL-, 4-(DIMETHYLAMINO)-3-METHYLPHENYL ESTER * m-CRESOL, 4-(DIMETHYLAMINO)-, METHYLCARBAMATE (ester) * 4-DIMETHYLAMINE m-CRESYL METHYLCARBAMATE * 4-DIMETHYLAMINO-3-CRESYL METHYLCARBAMATE * 4-(DIMETHYLAMINO)-3-METHYLPHENOL METHYL CARBAMATE (ester) * (4-DIMETHYLAMINO-3-METHYL PHENYLIN-METHYL-CARBAMAAT (Dutch) * (4-DIMETHYLAMINO-3-METHYL PHENYLIN-METHYL-CARBAMAT (German) * (4-DIMETHYLAMINO-3-METHYL PHENYLIN-METHYL-CARBAMATE * 4-(DIMETHYLAMINO)-m-TOLYL METHYLCARBAMATE * (4-DIMETILAMINO-3-METIL FENIL)-N-METIL CARBAMMATO (Italian) * ENT 25.784 * MATACIL * N-METHYLCARBAMATE DE 4-DIMETHYLAMINO 3-METHYL PHENYLE (French) * MITACIL

MUTATION DATA AND REFERENCES:

mmo-sat 5 mmol/L	ENMUDM 5,384,83
cyt-ham:ovr 5 mmol/L	ENMUDM 5,384,83

TOXICITY DATA AND REFERENCES:

orl-rat LD50:30 mg/kg	TXAPA9 21,315,72
skn-rat LD50:275 mg/kg	WRPCA2 9,119,70
unk-rat LD50:50 mg/kg	30ZDA9 -,191,71
ipr-mus LD50:7 mg/kg	TXAPA9 6,402,64
orl-gpg LDLo:50 mg/kg	JEENAI 60,733,67
scu-gpg LDLo:50 mg/kg	JEENAI 60,733,67
* orl-dck LD50:23 mg/kg	DOEAAH 35,25,79
orl-bwd LD50:50 mg/kg	TXAPA9 21,315,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC0528000 CARBAMIC ACID, METHYL-, (3-DIMETHYLAMINO)-p-TOLYL ESTER, HYDROCHLORIDE

UPDT:8312 CAS: 63982-47-8 MW: 244.75 MOLFM: C11-H16-N2-O2-Cl-H

SYN: CARBAMIC ACID, N-METHYL-, 3-DIMETHYLAMINO-4-METHYLPHENYL ESTER, HYDROCHLORIDE * N-METHYLURETHANE of HYDROCHLORIDE of 2-DIMETHYLAMINO-p-CRESOL * T-1708

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:60 mg/kg	JCSOA9 -,182,47
* scu-mus LD50:10 mg/kg	JCSOA9 -,182,47
unk-mus LD50:10 mg/kg	NTIS** PB158-508

FC0700000 CARBAMIC ACID, METHYL-, 4-DIMETHYLAMINO-3,5-XYLYL ESTER

UPDT:8412 CAS: 315-18-4 MW: 222.32 MOLFM: C12-H18-N2-O2

SYN: CARBAMATE, 4-DIMETHYLAMINO-3,5-XYLYL N-METHYL * CARBAMIC ACID, METHYL-, 4-(DIMETHYLAMINO)-3,5-DIMETHYLPHENYL ESTER * 4-(DIMETHYLAMINE)-3,5-XYLYL N-METHYLCARBAMATE * 4-(DIMETHYLAMINO)-3,5-DIMETHYLPHENOL METHYLCARBAMATE (ester) * 4-(DIMETHYLAMINO)-3,5-DIMETHYLPHENYL N-METHYLCARBAMATE * 4-(DIMETHYLAMINO)-3,5-XYLENOL METHYLCARBAMATE (ester) * 4-DIMETHYLAMINO-3,5-XYLYL METHYLCARBAMATE * 4-DIMETHYLAMINO-3,5-XYLYL N-METHYLCARBAMATE * 4-(N,N-DIMETHYLAMINO)-3,5-XYLYL N-METHYLCARBAMATE * DOWCO 139 * ENT 25766 * METHYLCARBAMIC ACID, 4-(DIMETHYLAMINO)-3,5-XYLYL ESTER * METHYL-4-DIMETHYLAMINO-3,5-XYLYL CARBAMATE * METHYL 4-DIMETHYLAMINO-3,5-XYLYL ESTER of CARBAMIC ACID * MEXACARBATE * MEXACARBATE (DOT) * NA 2757 (DOT) * NCI-C00544 * OMS-67 * 3,5-XYLENOL, 4-(DIMETHYLAMINO)-, METHYLCARBAMATE * ZACTRAN * ZECTANE * ZECTRAN * ZEXTRAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T31T34 scu-mus TDLo:90 mg/kg (6-14D preg)	NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:

2V02L60 orl-mus TDLo:1200 mg/kg/78W-I	NTIS** PB223-159

TOXICITY DATA AND REFERENCES:

orl-rat LD50:14 mg/kg	JEENAI 62,1307,69
skn-rat LD50:1500 mg/kg	WRPCA2 9,119,70
orl-mus LD50:15 mg/kg	31ZOAD 1,166,68
ipr-mus LD50:15 mg/kg	TXAPA9 6,402,64
* orl-dog LD50:15 mg/kg	FMCHA2 -,C258,83
orl-rbt LD50:37 mg/kg	SPEADM 78-1,59,78
orl-gpg LD50:15 mg/kg	PCOC** -,1232,66
orl-pgn LD50:6470 ug/kg	JEENAI 62,1307,69
orl-ckn LD50:4 mg/kg	TXAPA9 11,49,67
orl-qal LD50:3210 ug/kg	JEENAI 62,1307,69
orl-dck LD50:3 mg/kg	JEENAI 62,1307,69
orl-frg LD50:283 mg/kg	JEENAI 62,1307,69
orl-dom LD50:15 mg/kg	JEENAI 62,1307,69
orl-mam LD50:20 mg/kg	JEENAI 62,1307,69
unk-mam LD50:16 mg/kg	30ZDA9 -,195,71
orl-bwd LD50:10 mg/kg	TXAPA9 21,315,72
orl-bwd LD50:1 mg/kg	JEENAI 62,1307,69

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 12,237,76

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-147,78)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC0730000 CARBAMIC ACID, METHYL-, 5-DIMETHYLAMINO-2,4-XYLYL ESTER, HYDROCHLORIDE

UPDT:8312 CAS: 63982-49-0 MW: 258.78 MOLFM: C12-H18-N2-O2-Cl-H

SYN: CARBAMIC ACID, N-METHYL-, 2,4-DIMETHYL-5-DIMETHYLAMINOPHENYL ESTER, HYDROCHLORIDE * N-METHYLURETHANE of HYDROCHLORIDE of 6-DIMETHYLAMINO-o-4-XYLENOL * T-1770

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:50 mg/kg	JCSOA9 -,182,47
* scu-mus LD50:10 mg/kg	JCSOA9 -,182,47
unk-mus LD50:10 mg/kg	NTIS** PB158-508

CARBAMIC ACID, N-METHYL-, 2-DIMETHYLARSINOPHENYL ESTER, METHIODIDE see: CH9920000

FC0875000 CARBAMIC ACID, METHYL-, 2,2-DIMETHYL-8-CHROMANYL ESTER

UPDT:8309 CAS: 16146-62-6 MW: 235.31 MOLFM: C13-H17-N-O3

SYN: 3,4-DIHYDRO-2,2-DIMETHYL 2H-1-BENZOPYRAN-8-YL METHYLCARBAMATE * 2,2-DIMETHYLCHROMANYL-8 N-METHYLCARBAMATE * ENT 27.385 * FMC 11637 * NIA-11637 * NIAGARA 10856 * NIAGARA 11637 * NSC 46123

TOXICITY DATA AND REFERENCES:

orl-rat LD50:3 mg/kg	JAFCAU 20,923,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, METHYL-, 2,2-DIMETHYL-2,3-DIHYDROBENZOFURAN-7-YL ESTER see: FB9450000

CARBAMIC ACID, N-METHYL-, 2,4-DIMETHYL-5-DIMETHYLAMINOPHENYL ESTER, HYDROCHLORIDE see: FC0730000

CARBAMIC ACID, N-METHYL-, 2,4-DIMETHYL-5-DIMETHYLAMINOPHENYL ESTER, METHIODIDE see: BR6400000

FC1030000 CARBAMIC ACID, METHYL-, 2-(4,5-DIMETHYL-1,3-DIOXOLAN-2-YL)PHENYL ESTER

UPDT:8309 CAS: 7122-04-5 MW: 251.31 MOLFM: C13-H17-N-O4

SYN: C 10015 * CIBA C 10015 * CIBA-GEIGY C 10015 * 2-(4,5-DIMETHYL-1,3-DIOXOLAN-2-YL)PHENYL N-METHYLCARBAMATE * ENT 27410 * FONDAREN * NSC 191000 * SAPRECON C

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:110 mg/kg	FMCHA2 -,C210,83
orl-dog LD50:300 mg/kg	28ZEAL 5,118,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC1050000 CARBAMIC ACID, METHYL-, O-(((2,4-DIMETHYL-1,3-DITHIOLAN-2-YL)METHYLENE)AMINO) deriv.

UPDT:8309 CAS: 26419-73-8 MW: 234.36 MOLFM: C8-H14-N2-O2-S2

SYN: 2,4-DIMETHYL-1,3-DITHIOLANE-2-CARBOXALDEHYDE O-(METHYLCARBAMOYL)OXIME * 2,4-DIMETHYL-2-FORMYL-1,3-DITHIOLANE OXIME METHYLCARBAMATE * 1,3-DITHIOLANE-2-CARBOXALDEHYDE, 2,4-DIMETHYL-, O-((METHYLAMINO)CARBONYL)OXIME * 1,3-DITHIOLANE-2-CARBOXALDEHYDE, 2,4-DIMETHYL-, O-(METHYLCARBAMOYL)OXIME * ENT 27696 * MBR 6168 * 3M MBR 6168 * TIRPATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1 mg/kg	WRPCA2 9,119,70
skn-rat LD50:300 mg/kg	GUCHAZ 6,213,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC1140000 CARBAMIC ACID, METHYL-, 2,3-(DIMETHYLMETHYLENEDIOXY)PHENYL ESTER

UPDT:8407 CAS: 22781-23-3 MW: 223.25 MOLFM: C11-H13-N-O4

SYN: BENCARBATE * BENDIOCARB * 1,3-BENZODIOXOLE, 2,2-DIMETHYL-4-(N-METHYLAMINOCARBOXYLATO)- * 1,3-BENZODIOXOLE, 2,2-DIMETHYL-4-(N-METHYLCARBAMATO)- * 2,2-DIMETHYL-1,3-BENZIDIOXOL-4-YL N-METHYLCARBAMATE * 2,2-DIMETHYL-1,3-BENZODIOXOL-4-OL METHYLCARBAMATE * 2,2-DIMETHYLBENZO-1,3-DIOXOL-4-YL METHYLCARBAMATE * DYCARB * FICAM * FICAM D * FICAM UDV * FICAM W * GARVOX * 2,3-ISOPROPYLIDENE DIOXYPHENYL METHYLCARBAMATE * METHYLCARBAMIC ACID 2,3 (ISOPROPYLIDENEDIOXY)PHENYL ESTER * MULTAMAT * MULTIMET * NC6897 * NIOMIL * ROTATE * TATTOO * TURCAM

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:40 mg/kg	FMCHA2 -,C29,83
skn-rat LD50:1000 mg/kg	GUCHAZ 6,31,73
* orl-mam LD50:35 mg/kg	MEIEDD 10,147,83

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, METHYL-, 3,5-DIMETHYL-4-(METHYLSULFINYL)PHENYL ESTER see: FC5075000

CARBAMIC ACID, METHYL-, 3,5-DIMETHYL-4-(METHYLSULFONYL)PHENYL ESTER see: FC5250000

BEST COPY AVAILABLE

CARBAMIC ACID, METHYL-, 3,5-DIMETHYL-4-(METHYLTHIO)PHENYL ESTER see: FC5775000
CARBAMIC ACID, N-METHYL-, (3,4-DIMETHYLPHENYL) ESTER see: FC8750000

FC1925000 CARBAMIC ACID, METHYL-, o-(1,3-DIOXOLAN-2-YL)PHENYL ESTER
UPDT:8408 CAS: 6988-21-2 MW: 223.25 MOLFM: C11-H13-N-O4
SYN: C 8353 * CIBA 8353 * DIOXACARB * 2-(1,3-DIOXOLANE 2 YL)PHENYL N-METHYLCARBAMATE * 2-(1,3-DIOXOLAN-2-YL)PHENYL N-METHYLCARBAMAT (German) * o-(1,3-DIOXOLAN-2-YL)PHENYL METHYLCARBAMATE * DU PONT 1519 * DU PONT INSECTICIDE 1519 * ELECRON 50 * ELOCRON * ENT 27 389 * FAMID * NSC 190981

MUTATION DATA AND REFERENCES:

	mmo-smc 5 ppm	RSTUDV 6,161,76

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:60 mg/kg	FMCHA2 -,C94,83
*	skn-rat LD50:3000 mg/kg	FMCHA2 -,C94,83
	unk-rat LD50:120 mg/kg	30ZDA9 -,192,71
	orl-mus LD50:61 mg/kg	EJTXAZ 7,152,74
	skn-mus LD50:1660 mg/kg	BESAAT 15,133,69
	skn-rbt LD50:1950 mg/kg	BESAAT 15,133,69
*	orl-mam LD50:100 mg/kg	GISAAA 41(8),82,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC2000000 CARBAMIC ACID, METHYL-, o-(1,3-DITHIOLAN-2-YL)PHENYL ESTER
UPDT:8309 CAS: 7070-93-1 MW: 255.37 MOLFM: C11-H13-N-O2-S2
SYN: 2-(1,3-DITHIOLAN-2-YL)PHENYL METHYLCARBAMATE * DU PONT 1804 * DU PONT INSECTICIDE 1804 * ENT 27 388 * NSC 190980

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:90 mg/kg	ARSIM* 20,9,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC2100000 CARBAMIC ACID, N-METHYLDITHIO-, SODIUM SALT
UPDT:8408 CAS: 137-42-8 MW: 129.18 MOLFM: C2-H4-N-S2-Na
SYN: A7 VAPAM * BASAMID-FLUID * CARBAM * CARBATHIONE * CARBATION * KARBATION * MAPOSOL * MASPOSOL * METAM FLUID BASF * METAM SODIUM (D.L.tech. French, German, Italian) * METHAM (German) * METHAM SODIUM * N-METHYLDITHIOCARBAMATE DE SODIUM (French) * METHYLDITHIOCARBAMIC ACID, SODIUM SALT * N-METIL-DITIOCARBAMMATO DI SODIO (Italian) * N-869 * NATRIUM-N-METHYL-DITHIOCARBAMAAT (Dutch) * NATRIUM-N-METHYL-DITHIOCARBAMAT (German) * SISTAN * SMDC * SODIUM METHYLDITHIOCARBAMATE * SODIUM N-METHYLDITHIOCARBAMATE * SOLASAN 500 * TOMETAM * TRAPEX * TRIMATON * VAPAM * VDM * VPM

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1700 mg/kg	FMCHA2 -,C151,83
*	skn-rat LD50:636 mg/kg	85GMAT -,106,82
*	unk-rat LD50:550 mg/kg	GTPZAB 26(6),21,82
	orl-mus LD50:50 mg/kg	RREVAH 10,97,65
	unk-mus LD50:285 mg/kg	30ZDA9 -,213,71
	orl-rbt LD50:320 mg/kg	HYSAAV 32,169,67
	skn-rbt LD50:800 mg/kg	WRPCA2 9,119,70
	orl-gpg LD50:815 mg/kg	HYSAAV 32,169,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC2200000 CARBAMIC ACID, METHYLENEDI-, DIETHYL ESTER
UPDT:8401 CAS: 3693-53-6 MW: 190.23 MOLFM: C7-H14-N2-O4
SYN: N,N-METHYLENE BIS(ETHYL CARBAMATE) * METHYLENE DIURETHAN

TUMORIGENIC DATA AND REFERENCES:

2V03J60	ipr-mus TDLo:6500 mg/kg/13W-I	JNCIAM 9,35,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBAMIC ACID, METHYL-, ester with ESEROLINE see: TJ2100000

FC2450000 CARBAMIC ACID, METHYL ESTER
UPDT:8412 CAS: 598-55-0 MW: 75.08 MOLFM: C2-H5-N-O2
SYN: METHYL CARBAMATE * METHYLURETHAN * METHYLURETHANE * NCI-C55594 * URETHYLANE

MUTATION DATA AND REFERENCES:

	mmo-esc 50 gm/L/3H	CRSUBM 3,69,55
	otr-rat-emb 120 ug/L	JJINDB 67,1303,81
	oms-mus-par 375 mg/kg	ZKKOBW 76,69,71

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:45 mg/kg/14W-I	BJCAAI 9,177,55

TOXICITY DATA AND REFERENCES:

	ipr-mus LDLo:200 mg/kg	TXAPA9 23,288,72
	scu-mus LD50:4450 mg/kg	AJEBAK 45,507,67

REVIEW AND REFERENCES:

★	CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 12,151,76

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC2518000 CARBAMIC ACID, (1-METHYLETHYL)-, (((2-CHLORO-10H-PHENOTHIAZIN-10-YL)CARBONYL)IMINO)DI-2,1- ETHANEDIYL ESTER
UPDT:8311 CAS: 65241-05-6 MW: 535.11 MOLFM: C25-H31-Cl-N4-O5-S

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

FC2519000 CARBAMIC ACID, (1-METHYLETHYL)-, 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER, MONOHYDROCHLORIDE
UPDT:8311 CAS: 60752-95-6 MW: 288.86 MOLFM: C14-H24-N2-O2-Cl-H
SYN: (1-METHYLETHYL)CARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:105 mg/kg	EJMCA5 12,447,77

FC2625000 CARBAMIC ACID, METHYL-, ETHYL ESTER
UPDT:8401 CAS: 105-40-8 MW: 103.14 MOLFM: C4-H9-N-O2
SYN: ETHYL-N-METHYL CARBAMATE * METHYLCARBAMIC ACID, ETHYL ESTER * N-METHYL URETHAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T45T46	ipr-ham TDLo:495 mg/kg (8D preg)	CNREAB 27,1696,67
1T34	ipr-ham TDLo:495 mg/kg (8D preg)	CNREAB 27,1696,67

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:10 gm/kg/1W-I	BJCAAI 9,177,55
2V03J60	ipr-mus TDLo:6500 mg/kg/13W-I	JNCIAM 9,35,48

TOXICITY DATA AND REFERENCES:

	scu-mus LD50:1360 mg/kg	AJEBAK 45,507,67

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBAMIC ACID, 1-METHYLETHYL ESTER see: FB2975000

FC2627100 CARBAMIC ACID, (1-METHYLETHYL)-, 1-(1-ETHYNYLCYCLOHEXYL)-3-AZETIDINYL ESTER
UPDT:8311 CAS: 60752-89-8 MW: 264.41 MOLFM: C15-H24-N2-O2
SYN: (1-METHYLETHYL)CARBAMIC ACID 1-(1-ETHYNYLCYCLOHEXYL)-3-AZETIDINYL ESTER

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:82 mg/kg	EJMCA5 12,447,77

FC2627400 CARBAMIC ACID, (1-METHYLETHYL)-, (((2-METHOXY-10H-PHENOTHIAZIN-10-YL)CARBONYL)IMINO)DI-2,1- ETHANEDIYL ESTER
UPDT:8311 CAS: 65241-10-3 MW: 530.70 MOLFM: C26-H34-N4-O6-S

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

FC2627650 CARBAMIC ACID, (1-METHYLETHYL)-, ((10H-PHENOTHIAZIN-10-YLCARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER
UPDT:8311 CAS: 65241-00-1 MW: 500.67 MOLFM: C25-H32-N4-O5-S
SYN: (1-METHYLETHYL)CARBAMIC ACID ((10H-PHENOTHIAZIN-10-YLCARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

FC2628000 CARBAMIC ACID, METHYL-, 2-(ETHYLTHIOMETHYL)PHENYL ESTER
UPDT:8309 CAS: 29973-13-5 MW: 225.33 MOLFM: C11-H15-N-O2-S
SYN: BAY HOX 1901 * CROMETON * ETHIOFENCARB * ETHIOPHENCARB * 2-ETHYL-MERCAPTOMETHYL PHENYL-N-METHYLCARBAMATE * 2-((ETHYLTHIO)METHYL)PHENOL METHYLCARBAMATE * 2-((ETHYLTHIO)METHYL)PHENYL METHYLCARBAMATE * (2-ETHYLTHIOMETHYL PHENYL)-N-METHYLCARBAMATE * HOX 1901

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:200 mg/kg	FMCHA2 -,C64,83
*	skn-rat LD50:1000 mg/kg	FMCHA2 -,C64,83
	orl-mus LD50:71 mg/kg	85ALAU -,106,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC2700000 CARBAMIC ACID, METHYL-, ester with p-HYDROXYHYDROCINNAMONITRILE
UPDT:8309 CAS: 13792-20-6 MW: 204.25 MOLFM: C11-H12-N2-O2
SYN: CARBAMIC ACID, METHYL-, 4-(2-CYANOETHYL)PHENYL ESTER * 4-(2-CYANOETHYL)PHENYL METHYLCARBAMATE * ENT 27,369 * NSC 190965 * R 10632 * STAUFFER R 10632

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:620 mg/kg	ARSIM* 20,24,66

FC2750000 CARBAMIC ACID, METHYL-, ester with (p-HYDROXYPHENYL)ACETONITRILE
UPDT:8309 CAS: 13792-24-0 MW: 190.22 MOLFM: C10-H10-N2-O2
SYN: CARBAMIC ACID, METHYL-, 4-(CYANOMETHYL)PHENYL ESTER * 4-(CYANOMETHYL)PHENYL METHYLCARBAMATE * ENT 27,397 * NSC 190988 * R 11782 * STAUFFER R 11782

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:511 mg/kg	ARSIM* 20,24,66

FC2800000 CARBAMIC ACID, METHYL- ester with N'-(m-HYDROXYPHENYL)- N,N-DIMETHYLFORMAMIDINE, HYDROCHLORIDE
UPDT:8309 CAS: 23422-53-9 MW: 257.75 MOLFM: C11-H15-N3-O2-Cl-H
SYN: CARZOL * CARZOL SP * DICARZOL * m-(((DIMETHYLAMINO)METHYLENE)AMINO)PHENYL METHYLCARBAMATE, HYDROCHLORIDE * 3-DIMETHYLAMINOMETHYLENEIMINOPHENYL N-METHYLCARBAMATE, HYDROCHLORIDE * N,N-DIMETHYL-N'-(((METHYLAMINO)CARBONYL)OXY)PHENYL)METHANIMIDAMIDE MONOHYDROCHLORIDE * ENT 27566 * EP 332 * FORMETANATE HYDROCHLORIDE * METHANIMIDAMIDE, N,N-DIMETHYL-N'-(3-(((METHYLAMINO)CARBONYL)OXY)PHENYL)-, MONOHYDROCHLORIDE * MORTON EP 332 * NOR AM EP 332 * SCHERING 36056 * SN 36056

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:20 mg/kg	WRPCA2 9,119,70
	ihl-rat LC50:160 mg/m3/1H	PSDTAP 14,247,73
	orl-mus LD50:18 mg/kg	28ZEAL 5,118,76
	orl-dog LD50:19 mg/kg	28ZEAL 5,118,76
	skn-rbt LD50:10200 ug/kg	28ZEAL 5,118,76
	orl-ckn LD50:21500 ug/kg	28ZEAL 5,118,76
	orl-brd LD50:13 mg/kg	TXAPA9 21,315,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC3150000 CARBAMIC ACID, METHYL-, o-ISOPROPOXYPHENYL ESTER
UPDT:8408 CAS: 114-26-1 MW: 209.27 MOLFM: C11-H15-N-O3
SYN: APROCARB * APPROCARB * BAY 9010 * BAY 39007 * BAYER 39007 * BAYGON * BIFEX * BLATTANEX * BOYGON * BRYGOU * CARBAMIC ACID, METHYL-, 2-(1-METHYLETHOXY)PHENYL ESTER * CHEMAGRO 9010 * ENT 25,671 * o-IMPC * INVISI-GARD * ISOCARB * O-ISOPROPOXYPHENYL METHYLCARBAMATE * o-ISOPROPOXYPHENYL N-METHYLCARBAMATE * 2-ISOPROPOXYPHENYL METHYLCARBAMATE * 2-ISOPROPOXYPHENYL N-METHYLCARBAMATE * 2-(1-METHYLETHOXY)PHENOL METHYLCARBAMATE * N-METHYL 2-ISOPROPOXYPHENYLCARBAMATE * OMS-33 * PHC * PHENOL o-ISOPROPOXY-, METHYLCARBAMATE * PROPOKSURU (Polish) * PROPOXUR * PROPOXURE * PROPYON * SENDRAN * SUNCIDE * TUGON FLIEGENKUGEL * UNDEN

MUTATION DATA AND REFERENCES:

	mmo-sat 250 ng/plate	RPZHAW 30,81,79
	mmo-smc 5 ppm	RSTUDV 6,161,76
	dlt-mus-orl 125 mg/kg/5D-C	GISAAA 44(7),75,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T61T85T87	orl-rat TDLo:1600 mg/kg (6-22D preg/15D post)	BECTA6 20,624,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:70 mg/kg	IYKEDH 10,884,79
	skn-rat LD50:800 mg/kg	RPZHAW 22,579,71
	ipr-rat LD50:30000 ug/kg	BWHOA6 44(1-3),241,71
	ivn-rat LD50:11 mg/kg	BJIMAG 22,317,65
	ims-rat LD50:53 mg/kg	BJIMAG 22,317,65
	unk-rat LD50:100 mg/kg	30ZDA9 -,193,71
*	orl-mus LD50:32 mg/kg	IYKEDH 10,884,79
	ipr-mus LD50:20 mg/kg	TXAPA9 6,402,64
	orl-gpg LD50:40 mg/kg	PCOC** -,109,66
	orl-pgn LD50:60 mg/kg	TXAPA9 20,57,71
	orl-ckn LD50:47 mg/kg	TXAPA9 7,606,65
	orl-qal LD50:28 mg/kg	TXAPA9 20,57,71
	orl-dck LD50:9580 ug/kg	TXAPA9 22,556,72
	orl-bwd LD50:4 mg/kg	TXAPA9 21,315,72
*	orl-mam LD50:100 mg/kg	GISAAA 41(8),82,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, RREVAH 63,1,76

★	TLV-TWA 500 ug/m3; STEL 2 mg/m3	DTLVS* 4,36,80

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBAMIC ACID, METHYL-, o-ISOPROPYLPHENYL ESTER see: FB7880000
CARBAMIC ACID, N-METHYL-, 3-ISOPROPYLPHENYL ESTER see: FB7875000

FC3400000 CARBAMIC ACID, METHYL-, o-(1-(METHOXYMETHYL)ALLYL)PHENYL ESTER
UPDT:8309 CAS: 18188-17-5 MW: 235.31 OLFM: C13-H17-N-O3
SYN: CARBAMIC ACID, METHYL-, 2-(1-(METHOXYMETHYL)-2-PROPENYL)PHENYL ESTER * ENT 27,157 * HOOKER HRS 1631 * HRS 1631 * 2-(1-(METHOXYMETHYL)-2-PROPENYL)PHENYL METHYLCARBAMATE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:100 mg/kg	ARSIM* 20,13,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBAMIC ACID, METHYL-, 2-(1-(METHOXYMETHYL)-2-PROPENYL)PHENYL ESTER see: FC3400000

FC3500000 CARBAMIC ACID, METHYL-, m-(1-METHYLBUTYL)PHENYL ESTER
UPDT:8309 CAS: 2282-34-0 MW: 221.33 MOLFM: C13-H19-N-O2
SYN: 3-sec AMYLPHENYL N-METHYLCARBAMATE * BUFENCARB * BUX * BUX TEN * CHEVRON RE 5353 * ENT 27,127 * m-(1-METHYLBUTYL)PHENYL METHYLCARBAMATE * OMS 227 * ORTHO 5,353 * ORTHO RE 5353 * PHENOL, m-(1-METHYLBUTYL)-, METHYLCARBAMATE * PHENOL, m-sec-PENTYL-, METHYLCARBAMATE * RE 5353

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:50 mg/kg	ARSIM* 20,7,66

BEST COPY AVAILABLE

skn-rbt LD50:680 mg/kg 28ZEAL 5,31,76
orl-ckn LD50:44 mg/kg TXAPA9 11,49,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC3510000 CARBAMIC ACID, METHYL-, m-(1-METHYL)BUTYL)PHENYL ESTER mixed with CARBAMIC ACID, METHYL-, m-(1-ETHYLPROPYL)PHENYL ESTER (3:1)
UPDT:8309 CAS: 8065-36-9 MW: 442.66 MOLFM: C13-H19-N-O2 C13-H19-N-O2
SYN: BUFENCARB * BUX * BUX-TEN * METALKAMATE * ORTHO 5353

TOXICITY DATA AND REFERENCES:
orl-rat LD50:85 mg/kg FMCHA2 -,C40,83
skn-dog LD50:1400 mg/kg GUCHAZ 6,271,73
skn-rbt LD50:400 mg/kg GUCHAZ 6,271,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, N-METHYL-, 2-METHYL-5-DIMETHYLAMINOPHENYL ESTER, METHIODIDE see: BR6300000
CARBAMIC ACID, METHYL-, 2-(1-METHYLETHOXY)PHENYL ESTER see: FC3150000
CARBAMIC ACID, METHYL-, 2-(1-METHYLETHYL)PHENYL ESTER see: FB7880000
CARBAMIC ACID, METHYL-, 3-(1-METHYLETHYL)PHENYL ESTER see: FB7875000
CARBAMIC ACID, N-METHYL-, 3-METHYL-5-ISOPROPYLPHENYL ESTER see: FB8050000
CARBAMIC ACID, METHYL-, 3-METHYL-5-(1-METHYLETHYL)PHENYL ESTER see: FB8050000
CARBAMIC ACID, METHYL-, O-((2-METHYL-2-(METHYLTHIO)PROPYLIDENE)AMINO) deriv. see: UE2275000

FC4740000 CARBAMIC ACID, METHYL-, 2-METHYL-1-NAPHTHYL ESTER
UPDT:8408 CAS: 33779-66-7 MW: 215.27 MOLFM: C13-H13-N-O2
SYN: ALKYLSEVIN * ALKYLSEVIN-67 * 1-NAPHTHALENOL 2-METHYL- METHYLCARBAMATE (9CI)

TOXICITY DATA AND REFERENCES:
3E08F07J22 orl-ckn LD50:942 mg/kg TIVSAI 49,172,74

FC4755000 CARBAMIC ACID, METHYL-, METHYLPHENYL ESTER
UPDT:8402 CAS: 58481-70-2 MW: 165.21 MOLFM: C9-H11-N-O2
SYN: DICRESYL ETHER of METHYLCARBAMIC ACID * METHYLCARBAMIC ACID METHYLPHENYL ESTER

TOXICITY DATA AND REFERENCES:
unk-mus LD50:270 mg/kg TGANAK 16(1),45,82

FC4795000 CARBAMIC ACID, METHYL-, 2-(N-METHYL-N-(2-PROPYNYL)AMINO)PHENYL ESTER
UPDT:8401 CAS: 23504-07-8 MW: 218.28 MOLFM: C12-H14-N2-O2
SYN: C-17018

TOXICITY DATA AND REFERENCES:
orl-rat LD50:60 mg/kg 28ZEAL 5,33,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC4900000 CARBAMIC ACID, METHYL-, (2-METHYL-8-QUINOLYL) ESTER
UPDT:8309 CAS: 14628-06-9 MW: 216.26 MOLFM: C12-H12-N2-O2
SYN: CIBA C-7824 * ENT 27,407 * GIEGY GS 13798 * GS 13.798 * 8-(METHYL QUINOLYL) N-METHYL CARBAMATE * NSC 190997

TOXICITY DATA AND REFERENCES:
orl-rat LD50:120 mg/kg 28ZEAL 4,286,69
ipr-mus LD50:27 mg/kg PHARAT 34,142,79
scu-gpg LDLo:100 mg/kg JEENAI 62,934,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC5075000 CARBAMIC ACID, METHYL-, 4-(METHYLSULFINYL)-3,5-XYLYL ESTER
UPDT:8310 CAS: 2635-10-1 MW: 241.33 MOLFM: C11-H15-N-O3-S
SYN: BAY 47190 * BAYER 47190 * CARBAMIC ACID, METHYL-, 3,5-DIMETHYL-4-(METHYLSULFINYL)PHENYL ESTER * 3,5-DIMETHYL-4-(METHYLSULFINYL)PHENYL METHYLCARBAMATE * ENT 25824

TOXICITY DATA AND REFERENCES:
orl-bwd LD50:2 mg/kg TXAPA9 21,315,72

FC5250000 CARBAMIC ACID, METHYL-, 4-(METHYLSULFONYL)-3,5-XYLYL ESTER
UPDT:8310 CAS: 2179-25-1 MW: 257.33 MOLFM: C11-H15-N-O4-S
SYN: BA 51-084786 * BAY 47191 * BAY 37344 SULFONE * BAYER 37344 SULFONE * CARBAMIC ACID, METHYL-, 3,5-DIMETHYL-4-(METHYLSULFONYL)PHENYL ESTER * ENT 25825 * MESUROL SULFONE * 3,5-XYLENOL, 4-(METHYLSULFONYL)-, METHYLCARBAMATE

TOXICITY DATA AND REFERENCES:
orl-bwd LD50:42 mg/kg TXAPA9 21,315,72

CARBAMIC ACID, N-METHYL-, 1-METHYL-1,2,3,4-TETRAHYDRO-7-QUINOLINYL ESTER, HYDROCHLORIDE see: FC7660000
CARBAMIC ACID, N-METHYL-, 1-METHYL-1,2,3,4-TETRAHYDRO-8-QUINOLINYL ESTER, METHIODIDE see: VC4000000
CARBAMIC ACID, N-METHYL-, 1-METHYL-1,2,3,4-TETRAHYDRO-7-QUINOLINYL ESTER, METHIODIDE see: VC3980000

FC5330000 CARBAMIC ACID, METHYL ((METHYLTHIO)ACETYL)-, o-ISOPROPOXYPHENYL ESTER
UPDT:8309 CAS: 17959-12-5 MW: 297.40 MOLFM: C14-H19-N-O4-S
SYN: ENT 27,351 * 2-(1-METHYLETHOXY)PHENYL METHYL(METHYLTHIO)ACETYLCARBAMATE * NSC 190949 * U-22023 * UPJOHN U-22023

TOXICITY DATA AND REFERENCES:
orl-rat LD50:650 mg/kg ARSIM* 20,26,66
orl-mus LD50:430 mg/kg ARSIM* 20,26,66

CARBAMIC ACID, METHYL-, 3-METHYL-4-(METHYLTHIO)PHENYL ESTER see: FC5600000

FC5500000 CARBAMIC ACID, METHYL-, o-(3-(METHYLTHIO)PROPYL)PHENYL ESTER
UPDT:8309 CAS: 16637-86-8 MW: 239.36 MOLFM: C12-H17-N-O2-S
SYN: CARBAMIC ACID, METHYL-, 2-(3-(METHYLTHIO)PROPYL)PHENYL ESTER * ENT 27,173 * HOOKER HRS 1667 * HRS 1667 * 2-(3-(METHYLTHIO)PROPYL)PHENYL METHYLCARBAMATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:220 mg/kg ARSIM* 20,13,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, METHYL-, 2-(3-(METHYLTHIO)PROPYL)PHENYL ESTER see: FC5500000

FC5600000 CARBAMIC ACID, METHYL-, 4-METHYLTHIO-m-TOLYL ESTER
UPDT:8310 CAS: 3566-00-5 MW: 211.30 MOLFM: C10-H13-N-O2-S
SYN: BAY 32651 * CARBAMIC ACID, METHYL-, 3-METHYL-4-(METHYLTHIO)PHENYL ESTER * BAYER 32651 * BAY S 2758 * ENT 25,777 * 3-METHYL-4-(METHYLTHIO)PHENYL METHYLCARBAMATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:50 mg/kg TXAPA9 21,315,72
orl-bwd LD50:40 mg/kg JAFCAU 15,287,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC5775000 CARBAMIC ACID, N-METHYL-, 4-(METHYLTHIO)-3,5-XYLYL ESTER
UPDT:8112 CAS: 2032-65-7 MW: 225.33 MOLFM: C11-H15-N-O2-S
SYN: B 37344 * BAY 9026 * BAY 37344 * BAYER 37344 * CARBAMIC ACID, METHYL-, 3,5-DIMETHYL-4-(METHYLTHIO)PHENYL ESTER * 3,5-DIMETHYL-4-(METHYLTHIO)PHENOL METHYLCARBAMATE * 3,5-DIMETHYL-4-METHYLTHIOPHENYL N-METHYLCARBAMATE * DRAZA * ENT 25,726 * H 321 * MERCAPTODIMETHUR * MERCAPTODIMETHUR (DOT) * MESUROL * METHIOCARB * METHYL CARBAMIC ACID 4-(METHYLTHIO)-3,5-XYLYL ESTER * 4-METHYLMERCAPTO-3,5-DIMETHYLPHENYL N-METHYLCARBAMATE * 4-METHYLMERCAPTO-3,5-DIMETHYLPHENYL METHYLCARBAMATE * 4-METHYLTHIO-3,5-DIMETHYLPHENYL METHYLCARBAMATE * 4-(METHYLTHIO)-3,5-XYLYL METHYLCARBAMATE * METMERCAPTURON * NA 2757 (DOT) * OMS 93 * 3,5-XYLENOL, 4-(METHYLTHIO)-METHYLCARBAMATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:15 mg/kg FMCHA2 -,C150,83
skn-rat LD50:350 mg/kg PCOC** -,105,66
unk-rat LD50:100 mg/kg 30ZDA9 -,194,71
orl-mus LD50:34 mg/kg FATOAO 35,356,72
ipr-mus LD50:16 mg/kg TXAPA9 6,402,64
orl-gpg LD50:40 mg/kg 85DPAN -,-,71,76
orl-pgn LD50:13 mg/kg TXAPA9 21,315,72
orl-ckn LD50:179 mg/kg TXAPA9 7,606,65
orl-dck LD50:13 mg/kg TXAPA9 21,315,72
orl-bwd LD50:5 mg/kg TXAPA9 21,315,72
orl-brd LD50:18 mg/kg TXAPA9 21,315,72
skn-bwd LD50:100 mg/kg TXAPA9 26,154,73

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172,101,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC5900000 CARBAMIC ACID, METHYL-, NAPHTHALENYL ESTER
UPDT:8401 CAS: 27636-33-5 MW: 201.24 MOLFM: C12-H11-N-O2
SYN: N-METHYL NAPHTHYLCARBAMATE

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:240 mg/kg/4W-I CNREA8 29,2184,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC5950000 CARBAMIC ACID, METHYL-, 1-NAPHTHYL ESTER
UPDT:8408 CAS: 63-25-2 MW: 201.24 MOLFM: C12-H11-N-O2
SYN: ARYLAM * CARBAMINE * CARBARIL (Italian) * CARBARYL * CARBARYL (DOT) * CARBATOX * CARBATOX-60 * CARBATOX 75 * CARPOLIN * CARYLDERM * CEKUBARYL * CRAG SEVIN * DENAPON * DEVICARB * DICARBAM * ENT 23,969 * EXPERIMENTAL INSECTICIDE 7744 * GAMONIL * GERMAIN'S * HEXAVIN * KARBARYL (Polish) * KARBASPRAY * KARBATOX * KARBOSEP * N-METHYLCARBAMATE DE 1-NAPHTYLE (French) * METHYLCARBAMATE 1-NAPHTHALENOL * METHYLCARBAMATE 1-NAPHTHOL * METHYLCARBAMIC ACID, 1-NAPHTHYL ESTER * N-METHYL-1-NAFTYL CARBAMAAT (Dutch) * N-METHYL-1-NAPHTHYL-CARBAMAT (German) * N-METHYL alpha-NAPHTHYLCARBAMATE * N-METHYL 1-NAPHTHYL CARBAMATE * N-METHYL alpha-NAPHTHYLURETHAN * N-METIL 1-NAFTIL CARBAMMATO (Italian) * NAC * NA 2757 (DOT) * alpha-NAFTYL N-METHYLKARBAMAT (Czech) * 1-NAPHTHOL N-METHYLCARBAMATE * alpha-NAPHTHYL N-METHYLCARBAMATE * 1-NAPHTHYL METHYLCARBAMATE * 1-NAPHTHYL N-METHYLCARBAMATE * OMS 29 * PANAM * RAYVON * RYLAM * SEFTEIN * SEPTENE * SEVIMOL * SEVIN * SOK * TERCYL * TOXAN * TRICARNAM * UC 7744 * UNION CARBIDE 7744

IRRITATION DATA AND REFERENCES:
skn-rbt 12 mg/24H SEV JAFCAU 9,30,61
eye-rbt 500 mg/24H MOD 28ZPAK -,164,72

MUTATION DATA AND REFERENCES:
mmo-sat 250 ug/plate RPZHAW 30,81,79
mma-sat 100 umol/L ARTODN 39,159,77
sln-dmg-orl 1 pph/24H SOGEBZ 8,798,72
mma-smc 100 ppm RSTUDV 6,161,76
cyt-grh-par 100 pph CUSCAM 43,187,74
mnt-nml-mul 5 ppm/8D-C MUREAV 125,275,84
mma-hmn-fbr 1 umol/L MUREAV 42,161,77
dns-hmn-fbr 1 umol/L MUREAV 42,161,77
cyt-hmn-emb 40 mg/L ZDVKAP 20,14,77
dni-mus-ast 100 umol/L BECTA6 14,441,75
hma-mus-ast 60 mg/kg/5D-I BECTA6 14,441,75
spm-mus-ipr 1 mmol/L BSRSA6 45,46,76
spm-mus-orl 1 mmol/L BSRSA6 45,46,76
cyt-ham-fbr 30 mg/L/48H MUREAV 48,337,77
cyt-ham-lng 100 umol/L MUREAV 119,319,83
msc-ham-lng 10 umol/L CBINA8 19,369,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 orl-rat TDLo:1370 mg/kg (39W pre) VPITAR 27,49,68
1T29 orl-rat TDLo:5500 mg/kg (MGN) TXAPA9 17,273,70
2T72T81 orl-rat TDLo:27500 ug/kg (MGN) TXAPA9 21,390,72
1T76 orl-rat TDLo:220 mg/kg (5-15D preg) TXAPA9 21,390,72
1T01 orl-rat TDLo:1370 mg/kg (39W male) VPITAR 27,49,68
3T12T13T72 orl-rat TDLo:5475 mg/kg (52W pre) VPITAR 27,49,68
1T34 orl-mus TDLo:11660 mg/kg (6-15D preg) TXAPA9 51,81,79
3T41T42T46 scu-mus TDLo:900 mg/kg (6-15D preg) NTIS** PB223-160
1T34 scu-mus TDLo:900 mg/kg (6-14D preg) NTIS** PB223-160
1T31 scu-mus TDLo:418 mg/kg (6-14D preg) NTIS** PB223-160
1T35 scu-mus TDLo:4176 mg/kg (6-14D preg) NTIS** PB223-160
3T45T43T51 orl-dog TDLo:375 mg/kg (3-62D preg) TXAPA9 13,392,68
2T72T76 orl-dog TDLo:750 mg/kg (3-62D preg) TXAPA9 13,392,68
2T25T71 orl-dog TDLo:197 mg/kg (1-63D preg) 32OAAP 2,253,73
2T46T50 orl-dog TDLo:394 mg/kg (1-63D preg) 32OAAP 2,253,73
3T34T19U01 orl-rbt TDLo:1950 mg/kg (6-18D preg) TXAPA9 51,81,79
1T45 orl-rbt TDLo:2600 mg/kg (6-18D preg) TXAPA9 51,81,79
1T25 orl-pig TDLo:912 mg/kg (1-16W preg) 32OAAP 2,253,73
1T46 orl-gpg TDLo:300 mg/kg (12-16D preg) TXAPA9 15,152,69
1T35 orl-ham TDLo:250 mg/kg (8D preg) TXAPA9 15,152,69
1T29 orl-grb TDLo:12500 mg/kg (MGN) TXAPA9 17,273,70
3T72T75T76 orl-grb TDLo:20300 mg/kg (MGN) TXAPA9 19,202,71
1T22 orl-grb TDLo:20300 mg/kg (MGN) TXAPA9 19,202,71
1T81 orl-grb TDLo:40600 mg/kg (MGN) TXAPA9 19,202,71

TUMORIGENIC DATA AND REFERENCES:
3V03K60R60 orl-rat TDLo:5640 mg/kg/94W-I VPITAR 29,71,70
3V01R60V10 imp-rat TDLo:80 mg/kg VPITAR 29,71,70

TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg BWHOA6 44(1-3),241,71
skn-rat LD50:4000 mg/kg 85DPAN -,-,71,76
ipr-rat LD50:48 mg/kg PSEBAA 114,509,63
ivn-rat LD50:41900 ug/kg BWHOA6 44(1-3),241,71
unk-rat LD50:500 mg/kg 30ZDA9 -,188,71
orl-mus LD50:275 mg/kg TIVSAI 58,88,77
ipr-mus LD50:25 mg/kg TXAPA9 6,402,64
orl-cat LD50:150 mg/kg GISAAA 32(4),29,67
orl-rbt LD50:710 mg/kg PCOC** -,192,66
skn-rbt LD50:2000 mg/kg 85DPAN -,-,71,76
orl-gpg LD50:280 mg/kg PCOC** -,192,66
orl-ham LDLo:250 mg/kg TXAPA9 15,152,69
orl-ckn LD50:197 mg/kg TXAPA9 3,521,61
orl-bwd LD50:56 mg/kg TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW CNDQA8 10(3),43,75; DTTIAF 80(20),485,73; RREVAH 63,1,76; 85ALAU -,106,77
★ CARCINOGENIC REVIEW ANIMAL INDEFINITE IARC** 12,37,76
★ TLV-TWA 5 mg/m3 DTLVS* 4,67,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg/m3 (SCP-S) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CARBARYL recm std-air:TWA 5 mg/m3 NTIS**

STATUS:
"NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed." see: METHOD 5006

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC6260000 CARBAMIC ACID, 2-METHYL-2-NITROPROPYL ESTER
UPDT:8406 MW: 162.17 MOLFM: C5-H10-N2-O4
SYN: 2-NITRO-2 METHYLPROPYL CARBAMATE
TOXICITY DATA AND REFERENCES:
* scu-ckn LD50:1175 mg/kg JAPMA8 44,99,55

FC6130000 CARBAMIC ACID, METHYLNITROSO-, o-CHLOROPHENYL ESTER
UPDT:8403 CAS: 58169-97-4 MW: 214.62 MOLFM: C8-H7-Cl-N2-O3
SYN: 2-CHLOROPHENYL METHYLNITROSOCARBAMATE * HOPCIDE, nitrosated (Japanese)
MUTATION DATA AND REFERENCES:
mmo-esc 500 ng/plate BECTA6 14,389,75
mrc-bcs 500 ng/plate BECTA6 14,389,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

FC6210000 CARBAMIC ACID, METHYLNITROSO-, m-CUMENYL ESTER
UPDT:8309 CAS: 18952-79-9 MW: 222.27 MOLFM: C11-H14-N2-O3
SYN: CARBAMIC ACID, METHYLNITROSO-, 3-(1-METHYLETHYL)PHENYL ESTER * ENT 27,347 * HERCULES 11771-C * 3-(1-METHYLETHYL)PHENYL METHYLNITROSOCARBAMATE * NSC 190946
TOXICITY DATA AND REFERENCES:
orl-rat LD50:400 mg/kg ARSIM* 20,12,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC6250000 CARBAMIC ACID, METHYLNITROSO-, 2,3-DIHYDRO-2,2-DIMETHYLBENZOFURAN-7-YL ESTER
UPDT:8401 CAS: 62593-23-1 MW: 250.28 MOLFM: C12-H14-N2-O4
SYN: 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL NITROSO-METHYL CARBAMATE * METHYLNITROSOCARBAMIC ACID 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL ESTER * NITROSOCARBOFURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 uL/plate MUREAV 48,225,77
mmo-esc 100 umol/L IARCCD 14,425,75
dnd-hmn:fbr 10 umol/L MUREAV 44,1,77
cyt-ham:ovr 50 nmol/L JTEHD6 7,519,81
sce-ham:ovr 500 nmol/L JTEHD6 7,519,81
TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:380 mg/kg/23W-I EESADV 2,413,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC6280000 CARBAMIC ACID, N-METHYL-N-NITROSO-, 3,4-DIMETHYLPHENYL ESTER
UPDT:8403 CAS: 58139-33-6 MW: 208.24 MOLFM: C10-H12-N2-O3
SYN: CARBAMIC ACID, METHYLNITROSO-, 3,4-DIMETHYLPHENYL ESTER * 3,4-DIMETHYLPHENYL N-METHYL-N-NITROSOCARBAMATE * NITROSO-MPMC
MUTATION DATA AND REFERENCES:
dnr-esc 1500 pmol/plate/30M MUREAV 54,283,78
cyt-ham:fbr 15 mg/L/24H MUREAV 48,337,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
CARBAMIC ACID, METHYLNITROSO-, 3,4-DIMETHYLPHENYL ESTER see: FC6280000

FC6300000 CARBAMIC ACID, N-METHYL-N-NITROSO-, ETHYL ESTER
UPDT:8412 CAS: 615-53-2 MW: 132.14 MOLFM: C4-H8-N2-O3
SYN: ETHYL ESTER of METHYLNITROSO-CARBAMIC ACID * N-METHYL-N-NITROSOCARBAMIC ACID, ETHYL ESTER * N-METHYL-N-NITROSOETHYLCARBAMATE * METHYLNITROSOURETHAN (German) * METHYLNITROSOURETHANE * N-METHYL-N-NITROSO-URETHANE * MNU * MNUN * NITROSOMETHYLURETHAN (German) * NITROSOMETHYLURETHANE * N-NITROSO-N-METHYLURETHANE * NMUT * RCRA WASTE NUMBER U178
MUTATION DATA AND REFERENCES:
mmo-sat 1700 nmol/L/48H MUREAV 48,131,77
mma-sat 1 umol/L/1H PNASA6 75,4465,78
pic-sat 5 umol/L MOPMA3 10,640,74
mmo-esc 100 umol/L NATUAS 247,5440,74
dnr esc 100 nmol/plate CNREA8 31,970,71
dnd-esc 20 nmol/plate CNREA8 33,458,73
dnr-bcs 1 gm/L MUREAV 16,165,72
mmo-hmi 100 umol/L MUREAV 30,9,75
mmo-omi 500 ppm/1H SOGEBZ 12,772,76
mmo-omi 50 umol/L/30M MUREAV 1,37,64
dni-omi 2 mmol/L/10M CBINA8 12,325,76
cyt-omi 100 umol/L ECREAL 53,73,68
slt-dmg-par 1 mmol/L CBINA8 10,141,75
sln-dmg-par 5 mmol/L FOBLAN 15,17,69
mmo-nsc 50 umol/L/1H MGGEAE 103,72,68
mmo-smc 300 umol/L/1M ZEVBA5 95,82,64
mrc-smc 2 mmol/L ZEVBA5 98,230,66
mmo-asn 3 ug/plate MUREAV 97,293,82
mmo-ssp 1 umol/L MUREAV 1,469,64
dnd-rat-ipr 200 mg/kg CNREA8 33,2122,73
hma-rat/smc 1057 mg/kg TCMUD8 3,41,83
cyt-ham:fbr 15 mg/L/48H MUREAV 48,337,77
cyt-ham:lng 6800 ug/L GMCRDC 27,95,81
dnd-gpg-ipr 30 mg/kg CBINA8 20,77,78
dnd-gpg:oth 20 mmol/L CBINA8 20,77,78
dns-gpg-orl 30 mg/kg CBINA8 15,131,76
dns-gpg:oth 20 mmol/L CBINA8 13,279,76
dni-gpg:oth 2 mmol/L CBINA8 13,279,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T42T46 ivn-rat TDLo:80 mg/kg (16D preg) IARCCD 4,100,73
1T25 ivn-rat TDLo:40 mg/kg (8D preg) IARCCD 4,100,73
1T,1 ivn-rat TDLo:80 mg/kg (13D preg) IARCCD 4,100,73
3T41T43T46 ipc-rat TDLo:50 ug/kg (13D preg) IARCCD 4,112,73
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:23 mg/kg/4W-I NATUAS 199,190,63
2V03J60 ipr-rat TDLo:35 mg/kg/13W-I JTEHD6 8,501,81
2V03J60 ivn-rat TDLo:19 mg/kg/38W-I XENOBH 3,271,73
3V03T65J60 ivn-rat TDLo:20 mg/kg (15D preg) IARCCD 4,100,73
3V03T65A60 ipc-rat TDLo:100 mg/kg (21D preg) IARCCD 4,1,73
2V03J60P62 ipr-mus TDLo:25 mg/kg CNREA8 30,11,70
3V01T65J60 scu-mus TDLo:5 mg/kg (9D preg) CNREA8 34,3373,74
3V03J60K60 orl-gpg TDLo:500 mg/kg/57W-I ZEKBAI 72,167,68
2V03V10 scu-gpg TDLo:130 mg/kg/47W-I ZEKBAI 72,167,68
3V01K60T63 orl-ham TDLo:220 mg/kg/28W-I JNCIAM 37,389,66
2V03J60 scu-ham TDLo:84 mg/kg/22W-I AJPAA4 50,639,67
2V03K60 orl-rat TD :1200 mg/kg/49W-C ARZNAD 19,1077,69
3V03K60L60 orl-gpg TD :920 mg/kg/92W-I 27NZAH 2,73,72
2V03K60 orl-rat TD :1175 mg/kg/47W-I XENOBH 3,271,73
3V03J60K61 ipr-rat TD :50 mg/kg BJCAAI 22,316,68
2V03K60 orl-rat TD :70 mg/kg/20W-I FCTOD7 21,601,83
2V03K60 orl-rat TD :280 mg/kg/20W-I FCTOD7 21,601,83
3V03J60K60 ipr-mus TD :176 mg/kg/22W-I APJAAG 29,421,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:180 mg/kg NATWAY 48,165,61
ipr-rat LDLo:50 mg/kg BJCAAI 22,316,68
scu-rat LDLo:125 mg/kg BJCAAI 16,92,62
ivn-rat LD50:4 mg/kg ZEKBAI 69,103,67
scu-mus LDLo:7 mg/kg BJCAAI 23,167,69
3K06K20K30 orl-mus TDLo:50 mg/kg/1 GANMAX 3,61,66
ihl-mus LCLo:600 mg/m3/10M NDRC** NDCrc-132,Mar,42
ipr-mus LD50:37 mg/kg CNREA8 30,11,70
* scu-ham LDLo:21 mg/kg AJPAA4 50,639,67
* orl-mam LD50:240 mg/kg GMCRDC 17,107,75
* ivn-mam LD50:4 mg/kg GMCRDC 17,107,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,211,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBAMIC ACID, METHYLNITROSO-, 3-(1-ETHYLPROPYL)PHENYL ESTER see: FC6612000

FC6480000 CARBAMIC ACID, N-METHYL-N-NITROSO-, o-ISOPROPOXYPHENYL ESTER
UPDT:8401 CAS: 38777-13-8 MW: 238.27 MOLFM: C11-H14-N2-O4
SYN: BAYGON, NITROSO derivative * CARBAMIC ACID, METHYLNITROSO-, 2-(1-METHYLETHOXY)PHENYL ESTER (9CI) * o-ISOPROPOXYPHENYL METHYLNITROSOCARBAMATE * o-ISOPROPOXYPHENYL N-METHYL-N-NITROSOCARBAMATE * METHYLNITROSOCARBAMIC ACID o-ISOPROPOXYPHENYL ESTER * NITROSO-BAYGON * NITROSOPROPOXUR
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate RFZHAW 30,81,79
mma-sat 92 ng/plate MUREAV 56,1,77
mma-esc 100 umol/L IARCCD 14,425,75
mmo-smc 420 nmol/L/4H MUREAV 22,121,77
dnd-hmn:fbr 10 umol/L MUREAV 44,1,77
TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:625 mg/kg/31W-I EESADV 2,413,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBAMIC ACID, METHYLNITROSO-, 2-(1-METHYLETHOXY)PHENYL ESTER (9CI) see: FC6480000
CARBAMIC ACID, METHYLNITROSO-, 3-(1-METHYLETHYL)PHENYL ESTER see: FC6210000
CARBAMIC ACID, METHYLNITROSO-, 3-METHYLPHENYL ESTER (9CI) see: FC6630000
CARBAMIC ACID, METHYLNITROSO-, 1-NAPHTHYL ESTER see: FC6600000

FC6600000 CARBAMIC ACID, N-METHYL-N-NITROSO-, 1-NAPHTHYL ESTER
UPDT:8408 CAS: 7090-25-7 MW: 230.24 MOLFM: C12-H10-N2-O3
SYN: CARBAMIC ACID, METHYLNITROSO-, 1-NAPHTHYL ESTER * DENAPON, nitrosated (Japanese) * METHYL-NITROSOCARBAMIC ACID 1-NAPHTHYL ESTER * 1-NAPHTHYL METHYLNITROSOCARBAMATE * 1-NAPHTHYL N-METHYL-N-NITROSOCARBAMATE * N-NITROSOCARBARYL * NITROSO-NAC
MUTATION DATA AND REFERENCES:
mmo-sat 240 nmol/L MUREAV 48,131,77
mma-sat 115 ng/plate MUREAV 56,7,77
mmo-esc 1 mmol/L/10M NATUAS 247,386,74
dnr-esc 1800 pmol/plate/30M MUREAV 54,283,78
mrc-bcs 5 ug/plate BECTA6 14,389,75
mmo-hmi 10 umol/L MUREAV 30,9,75
dnr-hmi 10 umol/L/6M-C MUREAV 27,201,75
dnd-hmi 1 umol/L/6M-C MUREAV 27,201,75
dni-hmi 10 umol/L/6M-C MUREAV 24,105,74
slt-smc 4 mol/L/2H MUREAV 22,121,74
mrc-smc 5 nmol/plate ENMUDM 2,395,80
mmo-asn 1 ug/plate MUREAV 97,293,82
mnt-nml-mul 5000 ppb/8D-C MUREAV 125,275,84
dnr-hmn:fbr 100 umol/L/1H MUREAV 38,293,76
dnd-hmn:fbr 10 umol/L MUREAV 44,1,77
otr-mus:fbr 10 mg/L CNREA8 35,2637,75
cyt-ham:fbr 15 mg/L/24H MUREAV 54,283,78
cyt-ham:lng 10 umol/L IAPUDO 31,797,80
sce-ham:lng 10 umol/L IAPUDO 31,797,80
TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:600 mg/kg/10W-I EESADV 2,413,78
2V02V10 scu-rat TDLo:1000 mg/kg FCTXAV 13,365,75
2V01R60 skn-mus TDLo:921 mg/kg/50W-I JCROD7 102,13,81
2V03K60 orl-rat TD :2500 mg/kg/10W-I CALEDQ 1,275,76
2V03K60 orl-rat TD :600 mg/kg/10W-I IARCCD 19,495,78
2V03K60 orl-rat TD :6203 mg/kg/24W-I IARCCD 14,429,76
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 12,37,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC6612000 CARBAMIC ACID, N-METHYL-N-NITROSO-, m-(3-PENTYLPHENYL) ESTER
UPDT:8403 CAS: 62573-57-3 MW: 250.33 MOLFM: C13-H18-N2-O3
SYN: BUX-TEN, NITROSO deriv. (9CI) * CARBAMIC ACID, METHYLNITROSO-, 3-(1-ETHYLPROPYL)PHENYL ESTER * N-METHYL-N-NITROSOCARBAMIC ACID m-3-PENTYLPHENYL ESTER * NITROSOBUX-TEN * m-(3-PENTYL)PHENYL N-METHYL-N-NITROSOCARBAMATE
MUTATION DATA AND REFERENCES:
mma-sat 125 ng/plate MUREAV 56,1,77
mmo-esc 100 umol/L IARCCD 14,425,75
dnd-hmn:fbr 10 umol/L MUREAV 44,1,77
TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLO:660 mg/kg/10W-I EESADV 2,413,78
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC6625000 CARBAMIC ACID, N-METHYL-N-NITROSO-, PHENYL ESTER
UPDT:8401 MW: 180.18 MOLFM: C8-H8-N2-O3
SYN: NITROSOMETHYLPHENYLCARBAMATE * N-NITROSO-N-METHYLPHENYLCARBAMATE * PHENYL METHYLNITROSOCARBAMATE
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 68,1,79
TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:470 mg/kg/10W-I EESADV 2,413,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC6627000 CARBAMIC ACID, METHYLNITROSO-, 2,6-PYRIDINEDIYLDIMETHYLENE ESTER
UPDT:8312 MW: 311.29 MOLFM: C11-H13-N5-O6
SYN: DINITROSOPRODECTIN * N,N'-DINITROSOPYRIDINOL CARBAMATE * N'-DINITROSOPYRIDINOLCARBAMAT (Hungarian) * 2,6-PYRIDINEDIMETHANOL, BIS(METHYLNITROSOCARBAMATE) (ester) (9CI) * PYRIDINOL NITROSOCARBAMATE
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MGONAD 24(1),1,80
mma-sat 1 ug/plate MGONAD 24(1),1,80
mmo-esc 5 nmol/plate CALEDQ 18,143,83

BEST COPY AVAILABLE

mma-esc 250 nmol/plate CALEDQ 18,143,83

FC6630000 CARBAMIC ACID, N-METHYL-N-NITROSO-, m-TOLYL ESTER
UPDT 8403 CAS: 58139-35-8 MW: 194.21 MOLFM: C9-H10-N2-O3
SYN: CARBAMIC ACID, METHYLNITROSO-, 3-METHYLPHENYL ESTER (9CI) * 3-METHYLPHENYL N-METHYL-N-NITROSOCARBAMATE * 3-METHYLPHENYL N-NITROSO-N-METHYLCARBAMATE * NITROSO-MTMC

MUTATION DATA AND REFERENCES:
dnr-esc 500 pmol/plate/30M MUREAV 54,283,78
cyt-ham:fbr 8 mg/L/24H MUREAV 48,337,77

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

FC6631000 CARBAMIC ACID, METHYLNITROSO-, m-TOLYL ESTER
UPDT 8406 MW: 194.21 MOLFM: C9-H10-N2-O3
SYN: 3-TOLYL N-METHYLCARBAMATE, nitrosated * TSUMACIDE, nitrosated (Japanese)

MUTATION DATA AND REFERENCES:
mma-esc 1 ug/plate BECTA6 14,389,75
mrc-bcs 1 ug/plate BECTA6 14,389,75
cyt-ham:lng 5800 ug/L GMCRDC 27,95,81

FC6635000 CARBAMIC ACID, N-METHYL-N-NITROSO-, TRIMETHYLPHENYL ESTER
UPDT 8401 CAS: 62178-60-3 MW: 222.27 MOLFM: C11-H14-N2-O3
SYN: LANDRIN, NITROSO derivative * NITROSO LANDRIN * NITROSOTRIMETHYLPHENYL-N-METHYLCARBAMATE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 68,1,79
mma-sat 111 ng/plate MUREAV 56,1,77
dnd-hmn:fbr 10 umol/L MUREAV 44,1,77

TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:580 mg/kg/10W-I EESADV 2,413,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC6636000 CARBAMIC ACID, METHYLNITROSO-, 3,4-XYLYL ESTER
UPDT 8406 MW: 208.24 MOLFM: C10-H12-N2-O3
SYN: MEOBAL, nitrosated (Japanese) * 3,4-XYLYL N-METHYLCARBAMATE, nitrosated

MUTATION DATA AND REFERENCES:
mma-esc 10 ug/plate BECTA6 14,389,75
mrc-bcs 500 ng/plate BECTA6 14,389,75
cyt-ham:lng 5 mg/L GMCRDC 27,95,81

CARBAMIC ACID, METHYL(3-(PENTYLOXY)PHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER, HYDROCHLORIDE see: FD9740500

FC6680000 CARBAMIC ACID, (beta-METHYLPHENETHYL)-, 2-HYDROXYETHYL ESTER
UPDT 8402 MW: 223.30 MOLFM: C12-H17-N-O3
SYN: (beta-METHYLPHENETHYL)CARBAMIC ACID 2-HYDROXYETHYL ESTER * PHENYLISOPROPYLCARBAMATE de beta-HYDROXYETHYLE (French)

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg APFRAD 9,390,51

FC6710000 CARBAMIC ACID, METHYL(PHENOXYACETYL)-, m-sec-BUTYLPHENYL ESTER
UPDT-8309 CAS: 16156-66-4 MW: 341.44 MOLFM: C20-H23-N-O4
SYN: CARBAMIC ACID, METHYL(PHENOXYACETYL)-, 2-(1-METHYLPROPYL)PHENYL ESTER * ENT 27,352 * 2-(1-METHYLPROPYL)PHENYL METHYL(PHENOXYACETYL)CARBAMATE * NSC 190950 * U-22024 * UPJOHN U-22024

TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg ARSIM* 20,26,66

CARBAMIC ACID, METHYL(PHENOXYACETYL)-, 2-(1-METHYLPROPYL)PHENYL ESTER see: FC6710000

FC6770000 CARBAMIC ACID, (3-METHYLPHENYL)-, 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER, MONOHYDROCHLORIDE
UPDT 8311 CAS: 60752-79-6 MW: 336.90 MOLFM: C18-H24-N2-O2-Cl-H
SYN: (3-METHYLPHENYL)CARBAMIC ACID 1-(1 1-DIETHYL 2 PROPYNYL) 3 AZETIDINYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:80 mg/kg EJMCA5 12,447,77

CARBAMIC ACID, (3-METHYLPHENYL)-3-((METHOXYCARBONYL)AMINO)PHENYL ESTER (9CI) see: FD9050000

CARBAMIC ACID, METHYL(3-PROPOXYPHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER, MONOHYDROCHLORIDE see: FD9748000

CARBAMIC ACID, ester with 2-METHYL-2-PROPYL-1,3-PROPANEDIOL ISOPROPYLCARBAMATE see: FB3325000

CARBAMIC ACID, 2-METHYL-2-PROPYLTRIMETHYLENE ESTER see: TZ0175000

FC7350000 CARBAMIC ACID, METHYL-, m-(2-PROPYNYLOXY)PHENYL ESTER
UPDT 8307 CAS: 3692-90-8 MW: 205.23 MOLFM: C11-H11-N-O3
SYN: ENT 25,732 * H 8717 * HERCULES 8717 * 3-PROPARGYLOXYPHENYL N-METHYL CARBAMATE * 3-(2-PROPYNYLOXY)PHENYL N-METHYLCARBAMATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:150 mg/kg TXAPA9 21,315,72
* ivn-mus LD50:31600 ug/kg CSLNX* NX#02076
orl-bwd LD50:15 mg/kg TXAPA9 21,315,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC7525000 CARBAMIC ACID, METHYL-, o-(2-PROPYNYLOXY)PHENYL ESTER
UPDT 8309 CAS: 3279-46-7 MW: 205.23 MOLFM: C11-H11-N-O3
SYN: ENT 25,810 * H 9699 * HERCULES 9699 * 2-(2-PROPYNYLOXY)PHENYL METHYLCARBAMATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:80 mg/kg TXAPA9 21,315,72
orl-bwd LD50:45 mg/kg JAFCAU 15,287,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC7530000 CARBAMIC ACID, METHYL-, 2,6-PYRIDINEDIYLDIMETHYLENE ESTER
UPDT 8308 CAS: 1882-26-4 MW: 253.29 MOLFM: C11-H15-N3-O4
SYN: ANGININE * ANGININE * METHYLCARBAMIC ACID 2,6-PYRIDINEDIYLDIMETHYLENE ESTER * PARMIDIN * PARMIDINE * PARMIDINE R * PIRIDINOL CARBAMATO (Spanish) * PRODECTINE * 2,6-PYRIDINEDIMETHANOL, BIS(METHYLCARBAMATE) (ester) (9CI) * PYRIDINOL CARBAMATE * SOSPITAN

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1230 mg/kg AFTOD7 6,255,80
* orl-mus LD50:3100 mg/kg PCJOAU 11,1573,77
* orl-rbt LD50:4250 mg/kg NIIRDN 6,642,82

FC7565000 CARBAMIC ACID, METHYL-, 8-QUINOLINYL ESTER, HYDROCHLORIDE
UPDT 8312 CAS: 63982-16-1 MW: 238.69 MOLFM: C11-H10-N2-O2-Cl-H
SYN: CARBAMIC ACID, N-METHYL-, 8-QUINOLINYL ESTER, HYDROCHLORIDE * N-METHYLURETHANE of HYDROCHLORIDE of 8-HYDROXYQUINOLINE * TL 1934

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 mg/kg JCSOA9 -,182,47
unk-mus LDLo:500 mg/kg NTIS** PB158-508

CARBAMIC ACID, N-METHYL-, 8-QUINOLINYL ESTER, HYDROCHLORIDE see: FC7565000

CARBAMIC ACID, N-METHYL-, 8-QUINOLINYL ESTER, METHIODIDE see: VC3960000

FC7600000 CARBAMIC ACID, METHYL-, ester with SALICYLALDEHYDE, DIETHYL MERCAPTAL
UPDT 8309 CAS: 6853-79-8 MW: 257.39 MOLFM: C11-H15-N-O2-S2
SYN: 2-(BIS(METHYLTHIO)METHYL)PHENYL METHYLCARBAMATE * CARBAMIC ACID, METHYL-, 2-(BIS(METHYLTHIO)METHYL)PHENYL ESTER * ENT 27,156 * HOOKER HRS-1630 * HRS 1630

TOXICITY DATA AND REFERENCES:
orl-ra: LD50:500 mg/kg ARSIM* 20,13,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC7660000 CARBAMIC ACID, METHYL-, (1,2,3,4-TETRAHYDRO-1-METHYL)-7-QUINOLINYL ESTER, HYDROCHLORIDE
UPDT 8312 CAS: 63982-20-7 MW: 256.76 MOLFM: C12-H16-N2-O2-Cl-H
SYN: CARBAMIC ACID, N-METHYL-, 1-METHYL-1,2,3,4 TETRAHYDRO 7-QUINOLINYL ESTER, HYDROCHLORIDE * N-METHYLURETHANE of HYDROCHLORIDE of 7-HYDROXY-1-METHYL-1,2,3,4-TETRAHYDROQUINOLINE * T-1972

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:30 mg/kg JCSOA9 -,182,47
unk-mus LD50:30 mg/kg NTIS** PB158-508

CARBAMIC ACID, METHYL-, 1,2,3,4-TETRAHYDRO-1-METHYL-8-QUINOLYL ESTER, HYDRIODIDE see: NX6032000

FC7700000 CARBAMIC ACID, METHYL-, 1-(5,6,7,8-TETRAHYDRO)NAPHTHYL ESTER
UPDT 8309 CAS: 1136-84-1 MW: 205.28 MOLFM: C12-H15-N-O2
SYN: ENT 27253 * MAM-TOX * 5,6,7,8-TETRAHYDRO-1-NAFTYL N-METHYLKARBAMAT (Czech) * 5,6,7,8-TETRAHYDRO-1-NAPHTHYL METHYLCARBAMATE * UC 8454 * UNION CARBIDE UC-8454

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MOD 28ZPAK -,163,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:199 mg/kg 28ZPAK -,163,72
skn-rbt LD50:1130 mg/kg BESAAT 12,161,66
orl-gpg LDLo:100 mg/kg JEENAI 61,1261,68
scu-gpg LDLo:50 mg/kg JEENAI 61,1261,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC7745000 CARBAMIC ACID, (10-METHYLTHIO-9-OXO-1,2,3-TRIMETHOXY-5,6,7,9-TETRAHYDROBENZO(a)HEPTALEN-7- YL-, ETHYL ESTER
UPDT 8406 CAS: 63620-51-9 MW: 445.57 MOLFM: C23-H27-N-O6-S

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:29 mg/kg JMCMAR 24,636,81

FC7750000 CARBAMIC ACID, METHYLTHIO-, S-(p-TOLYL) ESTER
UPDT 8309 CAS: 16066-90-3 MW: 181.27 MOLFM: C9-H11-N-O-S
SYN: CARBAMATHIOLIC ACID, N-METHYL-, p-TOLYL ESTER * TL-1218

TOXICITY DATA AND REFERENCES:
scu-mus LDLo:80 mg/kg NTIS** PB158-508

FC8050000 CARBAMIC ACID, METHYL-, m-TOLYL ESTER
UPDT 8406 CAS: 1129-41-5 MW: 165.21 MOLFM: C9-H11-N-O2
SYN: CARBAMIC ACID, METHYL-, 3-TOLYL ESTER * m-CRESYL METHYLCARBAMATE * m-CRESYL ester of N-METHYLCARBAMIC ACID * DICRESYL * DRC 3341 * KUMIAI * METACRATE * 3-METHYLPHENYL N-METHYLCARBAMATE * MTMC * m-TOLYL N-METHYLCARBAMATE * 3-TOLYL-N-METHYLCARBAMATE * TSUMACIDE

MUTATION DATA AND REFERENCES:
cyt-ham:fbr 125 mg/L/48H MUREAV 48,337,77
cyt-ham:lng 47 mg/L GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:268 mg/kg 28ZEAL 5,160,76
* ihl-rat LC50:475 mg/m3 FMCHA2 -,C247,83
* skn-rat LD50:6000 mg/kg FMCHA2 -,C247,83
* unk-rat LD50:475 mg/kg EQSSDX 3,618,75
* orl-mus LD50:109 mg/kg FMCHA2 -,C247,83
skn-mus LD50:6 mg/kg GUCHAZ 6,527,73
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, METHYL-, 3-TOLYL ESTER see: FC8050000

CARBAMIC ACID, METHYL-, (m-(TRIMETHYLAMMONIO)PHENYL) ESTER, CHLORIDE see: BR3700000

CARBAMIC ACID, METHYL-, (m-(TRIMETHYLAMMONIO)PHENYL) ESTER, IODIDE see: BR4200000

CARBAMIC ACID, METHYL-, (2-(TRIMETHYLAMMONIO)PHENYL) ESTER, IODIDE see: BR4375000

CARBAMIC ACID, N-METHYL-, p-(TRIMETHYLAMMONIO)PHENYL ESTER, IODIDE see: BR4550000

CARBAMIC ACID, METHYL-, 3-TRIMETHYLAMMONIO-m-TOLYL ESTER, IODIDE see: BR6200000

CARBAMIC ACID, METHYL-, 5-(TRIMETHYLAMMONIO)-o-TOLYL ESTER, IODIDE see: BR6300000

CARBAMIC ACID, METHYL-, 5-TRIMETHYLAMMONIO-2,4-XYLYL ESTER, IODIDE see: BR6400000

FC8225000 CARBAMIC ACID, METHYL-, TRIMETHYLPHENYL ESTER
UPDT 8310 CAS: 12407-86-2 MW: 193.27 MOLFM: C11-H15-N-O2
SYN: LANDRIN * TRIMETHYLPHENYL METHYLCARBAMATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:208 mg/kg SHELL*
ipr-rat LD50:94400 ug/kg BWHOA6 44(1-3),241,71
ivn-rat LD50:31800 ug/kg BWHOA6 44(1-3),241,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC8410000 CARBAMIC ACID, METHYL-, 2,3,5(or 3,4,5)-TRIMETHYLPHENYL ESTER
UPDT 8401 CAS: 12407-86-2 MW: 193.27 MOLFM: C11-H15-N-O2
SYN: LANDRIN

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:208 mg/kg FMCHA2 -,C138,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC8575000 CARBAMIC ACID, METHYL-, 3,4,5-TRIMETHYLPHENYL ESTER
UPDT 8310 CAS: 2686-99-9 MW: 193.27 MOLFM: C11-H15-N-O2
SYN: ENT 25,843 * LANDRIN * OMS 597 * SD 8530 * SHELL SD-8530 * 3,4,5-TRIMETHYLPHENYL METHYLCARBAMATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:178 mg/kg TXAPA9 21,315,72
ipr-rat LDLo:136 mg/kg TXAPA9 25,569,73
ivn-rat LD50:32 mg/kg BJIMAG 22,317,65
ims-rat LD50:283 mg/kg BJIMAG 22,317,65
* orl-mus LD50:101 mg/kg ARSIM* 20,20,66
orl-pgn LD50:168 mg/kg TXAPA9 20,57,71
orl-ckn LD50:50 mg/kg TXAPA9 11,49,67
orl-qal LD50:71 mg/kg TXAPA9 20,57,71
orl-dck LD50:22 mg/kg TXAPA9 20,57,71
orl-bwd LD50:10 mg/kg TXAPA9 21,315,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC8750000 CARBAMIC ACID, METHYL-, 3,4-XYLYL ESTER
UPDT 8405 CAS: 2425-10-7 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: CARBAMIC ACID, N-METHYL-, (3,4-DIMETHYLPHENYL) ESTER * 3,4-DIMETHYLPHENYL N-METHYLCARBAMATE * MEOBAL * MPCM * PHENOL, 3,4-DIMETHYL-, METHYLCARBAMATE (9CI) * S-1046 * V 17004 * 3,4-XYLYL METHYLCARBAMATE

MUTATION DATA AND REFERENCES:
cyt-ham:fbr 125 mg/L/48H MUREAV 48,337,77
cyt-ham:lng 340 mg/L GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:290 mg/kg GUCHAZ 6,218,73
orl-mus LD50:60 mg/kg GUCHAZ 6,218,73
unk-mus LD50:61 mg/kg 30ZDA9 -,190,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FC9090000 CARBAMIC ACID, 1-NAPHTHALENYL-, 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER, MONOHYDROCHLORIDE
UPDT:8311 CAS: 60752-78-5 MW: 372.93 MOLFM: C21-H24-N2-O2 Cl-H
SYN: 1-NAPHTHALENYLCARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:73 mg/kg EJMCA5 12,447,77

FC9095000 CARBAMIC ACID, 1-NAPHTHALENYL-, 1-(1-ETHYNYLCYCLOHEXYL)-3-AZETIDINYL ESTER, MONOHYDROCHLORIDE
UPDT:8311 CAS: 65226-03-1 MW: 384.94 MOLFM: C22-H24-N2-O2 Cl-H
SYN: 1-NAPHTHALENYLCARBAMIC ACID 1-(1-ETHYNYLCYCLOHEXYL)-3-AZETIDINYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:78 mg/kg EJMCA5 12,447,77
CARBAMIC ACID, NEOPENTYL ESTER see: UB3750000

FC9350000 CARBAMIC ACID, N-NITROSO-N-PROPYL-, ETHYL ESTER
UPDT:8405 CAS: 19935-86-5 MW: 160.20 MOLFM: C6-H12-N2-O3
SYN: N-PROPYL N-NITROSOURETHAN
MUTATION DATA AND REFERENCES:
cyt-ham:fbr 30 mg/L/20H MUREAV 48,337,77
cyt-ham:lng 19 mg/L GMCRDC 27,95,81
TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:1680 mg/kg/6W-C BJCAAI 46,423,82
2V03K60 orl-rat TD :1370 mg/kg/29W-C GANNA2 67,549,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBAMIC ACID, (2-(NONLOXY)PHENYL)-, 3-(1-PIPERIDINYL)PROPYL ESTER, HYDROCHLORIDE see: FD9772100 CARBANILIC ACID, o-(NONYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
CARBAMIC ACID, (2-(NONLYOXY)PHENYL)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE see: FD9772100 CARBANILIC ACID, o-(NONYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER,HYDROCHLORIDE

FC9440000 CARBAMIC ACID, OCTYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8306 MW: 308.95 MOLFM: C15-H32-N2-O2 Cl-H
SYN: AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, OCTYLCARBAMATE * DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE OCTYLCARBAMATE * 1347 HC * OCTYLCARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:47 mg/kg COREAF 251,3119,60
CARBAMIC ACID, (2-(OCTYLOXY)PHENYL)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE see: FD9774200 CARBANILIC ACID, o-(OCTYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER,HYDROCHLORIDE
CARBAMIC ACID, (2-(OCTYLOXY)PHENYL)-, 3-(1-PIPERIDINYL)PROPYL ESTER, HYDROCHLORIDE see: FD9774400 CARBANILIC ACID, o-(OCTYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
CARBAMIC ACID, (2-(OCTYLOXY)PHENYL)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, OXALATE see: FD9774600 CARBANILIC ACID, o-(OCTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, OXALATE (1: 1)
CARBAMIC ACID, (3-(PENTYLOXY)PHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER, MONOHYDROCHLORIDE see: FD9778400
CARBAMIC ACID, (2-(PENTYLOXY)PHENYL)-, 3-(1-PIPERIDINYL)PROPYL ESTER, MONOHYDROCHLORIDE see: FD9778450 CARBANILIC ACID, o-(PENTYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
CARBAMIC ACID, (2-(PENTYLOXY)PHENYL)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, MONOHYDROCHLORIDE see: FD9778520 CARBANILIC ACID, o-(PENTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, HYDROCHLORIDE

FD0417000 CARBAMIC ACID, PHENETHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8306 MW: 300.87 MOLFM: C15-H24-N2-O2 Cl-H
SYN: AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, PHENETHYLCARBAMATE * 2-(DIETHYLAMINO)ETHYL PHENETHYLCARBAMATE HYDROCHLORIDE * 1353 HC * PHENETHYLCARBAMIC ACID (2-DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg COREAF 251,3119,60

FD0418000 CARBAMIC ACID, PHENETHYL-, 2-HYDROXYETHYL ESTER
UPDT:8402 MW: 209.27 MOLFM: C11-H15-N-O3
SYN: PHENETHYLCARBAMATE de beta-HYDROXYETHYLE (French) * PHENETHYLCARBAMIC ACID, 2-HYDROXYETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:130 mg/kg APFRAD 9,390,51

FD0422000 CARBAMIC ACID, (1-(PHENOXYACETYL)-1H-BENZIMIDAZOL-2-YL)-, METHYL ESTER
UPDT:8402 CAS: 42784-13-4 MW: 325.35 MOLFM: C17-H15-N3-O4
SYN: BENACYL * (1-(PHENOXYACETYL)-1H-BENZIMIDAZOL-2-YL)CARBAMIC ACID METHYL ESTER * 1-PHENOXYACETYL-2-CARBOMETHOXYAMINOBENZIMIDAZOLE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:10 gm/kg TGANAK 16(1),45,82

FD0425000 CARBAMIC ACID, PHENYLCARBAMOYLOXYPHENYL-, ETHYL ESTER
UPDT:8309 CAS: 13684-56-5 MW: 300.34 MOLFM: C16-H16-N2-O4
SYN: 3-(AETHOXYCARBONYLAMINOPHENYL)-N-PHENYL CARBAMAT (German) * BENTANEX * BETANAL AM * BETANEX * CARBANILIC ACID, m-CARBANILOYLOXY-, ETHYL ESTER * DESMEDIPHAM * EP-475 * 3-ETHOXYCARBONYLAMINOPHENYL-N-PHENYLCARBAMATE * ETHYL m-HYDROXYCARBANILATE CARBANILATE (ester) * ETHYL PHENYLCARBAMOYLOXYPHENYLCARBAMATE * SCHERING 38107 * SN 38107
TOXICITY DATA AND REFERENCES:
orl-rat LD50:9600 mg/kg 85ARAE 2,92,77
* skn-rbt LD50:10 gm/kg FMCHA2 -,C31,83
orl-qal LD50:2480 mg/kg 85DPAN -,-,71,76
CARBAMIC ACID, (1,2-PHENYLENEBIS(IMINOCARBONOTHIOYL))BIS-, DIETHYL ESTER (9CI) see: BA3650000
CARBAMIC ACID, (1,2-PHENYLENEBIS(IMINOCARBONOTHIOYL))BIS-, DIMETHYL ESTER see: BA3675000

FD0478000 CARBAMIC ACID, (1,2-PHENYLENEBIS(IMINOCARBONOTHIOYL))BIS-, DIMETHYL ESTER, mixt. with 5-ETHOXY-3-(TRICHLOROMETHYL)-1,2,4-THIADIAZOLE
UPDT:8309 CAS: 64491-74-3 MW: 589.95 MOLFM: C12-H14-N4-O4-S2 C5-H5-Cl3-N2-O-S
SYN: BANROT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg FMCHA2 -,C23,83
* skn-rbt LD50:2000 mg/kg FMCHA2 -,C23,83

FD0575000 CARBAMIC ACID, 2-PHENYLHYDRAZIDE
UPDT:8401 CAS: 103-03-7 MW: 151.19 MOLFM: C7-H9-N3-O
SYN: 1-CARBAMOYL-2-PHENYLHYDRAZINE * 1-CARBAMYL-2-PHENYLHYDRAZINE * CPH * CRYOGENINE * HYDRAZINE, 1-CARBAMOYL-2-PHENYL- * HYDRAZINECARBOXAMIDE, 2-PHENYL- * KRYOGENIN * PHENICARBAZIDE * 2-PHENYLDIAZENECARBOXAMIDE * 2-PHENYLHYDRAZIDE, CARBAMIC ACID * 1-PHENYLHYDRAZINE CARBOXAMIDE * 2-PHENYLHYDRAZINECARBOXAMIDE * PHENYLSEMICARBAZIDE * 1-PHENYLSEMICARBAZIDE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 orl-mus TDLo:394 mg/kg/62W-C JNCIAM 52,241,74
TOXICITY DATA AND REFERENCES:
3F07U26K17 ipr-rat LD50:55 mg/kg AIPTAK 150,220,64
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 12,177,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBAMIC ACID, 3-PHENYLPROPYL ESTER see: UB9275000
CARBAMIC ACID, 1-PHENYL-2-PROPYNYL ESTER see: DO5950000

FD0808000 CARBAMIC ACID, (5-(PHENYLSULFINYL)-1H-BENZIMIDAZOL-2-YL)-, METHYL ESTER
UPDT:8403 CAS: 53716-50-0 MW: 315.37 MOLFM: C15-H13-N3-O3-S
SYN: 2-BENZIMIDAZOLECARBAMIC ACID, 5-(PHENYLSULFINYL)-, METHYL ESTER * METHYL 5-(PHENYLSULFINYL)-2-BENZIMIDAZOLECARBAMATE * METHYL (5-PHENYLSULFINYL)-1H-BENZIMIDAZOL-2-YL CARBAMATE * OFDZ * OXFENDAZOLE * 5-(PHENYLSULFINYL)-2-BENZIMIDAZOLECARBAMIC ACID METHYL ESTER * (5-(PHENYLSULFINYL)-1H-BENZIMIDAZOL-2-YL)CARBAMIC ACID METHYL ESTER * 5-PHENYLSULFINYL-2-CARBOMETHOXYAMINOBENZIMIDAZOLE * RS-8858 * SYNANTHIC * SYSTAMEX
MUTATION DATA AND REFERENCES:
oms-hmn:oth 2 mg/L THERAP 31,505,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T35159 orl-rat TDLo:126 mg/kg (8-15D preg) RMVEAG 153,639,77
3T42T43746 orl-dom TDLo:22500 ug/kg (17D preg) RMVEAG 153,639,77
2T53T72 orl-dom TDLo:22500 ug/kg (17D preg) RMVEAG 153,639,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBAMIC ACID, (5-(PHENYLTHIO)-1H-BENZIMIDAZOL-2-YL)-, METHYL ESTER see: DD6520500

FD0832000 CARBAMIC ACID, N-(2-PIPERIDINOETHYL)-, 6-CHLORO-o-TOLYL ESTER, HYDROCHLORIDE
UPDT:8310 MW: 333.29 MOLFM: C15-H21-Cl-N2-O2 Cl-H
SYN: C 3309 * N-(2-PIPERIDINOETHYL)CARBAMIC ACID, 6-CHLORO-o-TOLYL ESTER, HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 2% MLD ARZNAD 8,708,58
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:50 mg/kg ARZNAD 8,708,58
scu-mus LD50:62 mg/kg ARZNAD 8,708,58

FD0834600 CARBAMIC ACID, 2-PROPENYL-, 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER, MONOHYDROCHLORIDE
UPDT:8311 CAS: 60752-82-1 MW: 286.84 MOLFM: C14-H22-N2-O2 Cl-H
SYN: 2-PROPENYLCARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:95 mg/kg EJMCA5 12,447,77
CARBAMIC ACID, (3-PROPOXYPHENYL)-, 1-METHYL-2-(1-PIPERIDINYL)ETHYL ESTER, MONOHYDROCHLORIDE see: FD9781820
CARBAMIC ACID, (3-PROPOXYPHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER, MONOHYDROCHLORIDE see: FD9781830

FD0869000 CARBAMIC ACID, PROPYL-, 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER, MONOHYDROCHLORIDE
UPDT:8311 CAS: 60752-67-2 MW: 288.86 MOLFM: C14-H24-N2-O2 Cl-H
SYN: (DIETHYL-1,1 PROPYNE-2 YL)-1 PROPYLCARBAMOYLOXY-3 AZETIDINE CHLORHYDRATE (French) * PROPYLCARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:70 mg/kg EJMCA5 12,447,77

FD0870000 CARBAMIC ACID, PROPYL-, 1-(1,1-DIMETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER, MONOHYDROCHLORIDE
UPDT:8311 CAS: 60752-81-0 MW: 260.80 MOLFM: C12-H20-N2-O2 Cl-H
SYN: PROPYLCARBAMIC ACID 1-(1,1-DIMETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:195 mg/kg EJMCA5 12,447,77

FD0875000 CARBAMIC ACID, PROPYL ESTER
UPDT:8401 CAS: 627-12-3 MW: 103.14 MOLFM: C4-H9-N-O2
SYN: PROPYL CARBAMATE * n-PROPYL CARBAMATE * PROPYL URETHANE
MUTATION DATA AND REFERENCES:
mmo-esc 2 pph/3H AMNTA4 85,119,51
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ipr-ham TDLo:248 mg/kg (8D preg) CNREA8 27,1696,67
2T41T45 ipr-ham TDLo:495 mg/kg (8D preg) CNREA8 27,1696,67
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:650 mg/kg/13W-I JNCIAM 8,99,47
2V02J60 ipr-mus TD :2400 mg/kg/4W-I CNREA8 29,2184,69
3V03J60P61 ipr-mus TD :5700 mg/kg/10W-I IJCNAW 4,318,69
2V03J60 ipr-mus TD :2850 mg/kg/5W-I IJCNAW 4,318,69
TOXICITY DATA AND REFERENCES:
scu-mus LD50:1300 mg/kg AJEBAK 45,507,67
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 12,201,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FD1050000 CARBAMIC ACID, PROPYL-, ETHYL ESTER
UPDT:8401 CAS: 623-85-8 MW: 131.20 MOLFM: C6-H13-N-O2
SYN: ETHYL N-n-PROPYLCARBAMATE * N-n-PROPYL ETHYL CARBAMATE
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:6500 mg/kg/13W-I JNCIAM 9,35,48
TOXICITY DATA AND REFERENCES:
scu-mus LD50:540 mg/kg AJEBAK 45,507,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FD1051000 CARBAMIC ACID, PROPYL-, 1-(1-ETHYNYLCYCLOHEXYL)-3-AZETIDINYL ESTER, MONOHYDROCHLORIDE
UPDT:8311 CAS: 60752-93-4 MW: 300.87 MOLFM: C15-H24-N2-O2 Cl-H
SYN: PROPYLCARBAMIC ACID 1-(1-ETHYNYLCYCLOHEXYL)-3-AZETIDINYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:65 mg/kg EJMCA5 12,447,77

FD1100000 CARBAMIC ACID, (5-(PROPYLTHIO)-1H-BENZIMIDAZOL-2-YL)-, METHYL ESTER
UPDT:8403 CAS: 54965-21-8 MW: 265.36 MOLFM: C12-H15-N3-O2-S
SYN: ALBENDAZOLE * METHYL 5-(PROPYLTHIO)-2-BENZIMIDAZOLECARBAMATE * (5-(PROPYLTHIO)-1H-BENZIMIDAZOL-2-YL)CARBAMIC ACID METHYL ESTER * 5-(PROPYLTHIO)-2-CARBOMETHOXYAMINOBENZIMIDAZOLE * SKF-62979 * VALBAZEN * ZENTAL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T46T59 orl-rat TDLo:71 mg/kg (8-15D preg) ARCVBP 12,159,81
1T35 orl-rat TDLo:85 mg/kg (8-15D preg) ARCVBP 12,159,81
1T76 orl-dom TDLo:20 mg/kg (17D preg) AMSHAR 28,226,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FD1120000 CARBAMIC ACID, 1-(2-PROPYNYL)CYCLOHEPTYL ESTER
UPDT:8305 MW: 195.29 MOLFM: C11-H17-N-O2
SYN: CYCLOHEPTANOL 1-(2-PROPYNYL) CARBAMATE * 1-(2-PROPYNYL)CYCLOHEPTANOL CARBAMATE * 1-(2-PROPYNYL)CYCLOHEPTYL ESTER of CARBAMIC ACID
TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:325 mg/kg AIPTAK 119,264,59

FD1150000 CARBAMIC ACID, 1-(2-PROPYNYL)CYCLOHEXYL ESTER
UPDT:8305 CAS: 358-52-1 MW: 181.26 MOLFM: C10-H15-N-O2

BEST COPY AVAILABLE

SYN: CARBAMATE du PROPINYLCYCLOHEXANOL (French) * 1-CARBAMOYLOXY 1-(2-PROPYNYL)CYCLOHEXANE * CYCLOHEXANOL, 1-(2 PROPYNYL)-, CARBAMATE * ESAPROPIMATO * HEXAPROPYMATE * HEXOPROPYNATE * L-2103 * LF 62 * LUNAMIN * MERINAX * MODIRAX * PROPYNYLCYCLOHEXANOL CARBAMATE * 1-(2 PROPYNYL)CYCLOHEXANOL CARBAMATE * 1-(2 PROPYNYL)CYCLOHEXYL CARBAMATE

TOXICITY DATA AND REFERENCES:

3F01H02U26 orl-hmn TDLo:228 mg/kg BMJOAE 1,1593,78
orl-mus LD50:900 mg/kg 27ZQAG -,414,72
ipr-mus LD50:450 mg/kg 27ZQAG -,414,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FD1160000 CARBAMIC ACID, 1-(2-PROPYNYL)CYCLOOCTYL ESTER

UPDT:8305 MW: 209.32 MOLFM: C12-H19-N-O2

SYN: CYCLOOCTANOL 1-(2 PROYNYL) CARBAMATE * 1-(2 PROPYNYL)CYCLOOCTANOL CARBAMATE * 1-(2-PROPYNYL)CYCLOOCTYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:

2F07F12 ipr-mus LD50:550 mg/kg AIPTAK 119,264,59

FD1162000 CARBAMIC ACID, 1-(2-(PROPYNYL)CYCLOPENTYL ESTER

UPDT:8305 MW: 167.23 MOLFM: C9-H13-N-O2

SYN: CYCLOPENTANOL 1-(2-PROPYNYL) CARBAMATE * 1-(2 PROPYNYL)CYCLOPENTANOL CARBAMATE * 1-(2-PROPYNYL)CYCLOPENTYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:

2F07F12 ipr-mus LD50:375 mg/kg AIPTAK 119,264,59

FD1177000 CARBAMIC ACID, N-(2-(PYRROLIDINYL)ETHYL)-, 2,6-XYLYL ESTER, HYDROCHLORIDE

UPDT:8310 MW: 298.85 MOLFM: C15-H22-N2-O2-Cl-H

SYN: C 5318 * N-(2 (PYRROLIDINYL)ETHYL)CARBAMIC ACID, 2,6-XYLYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:45 mg/kg ARZNAD 8,708,58
scu-mus LD50:175 mg/kg ARZNAD 8,708,58

FD1190000 CARBAMIC ACID, SULFANILYL-, METHYL ESTER

UPDT:8309 CAS: 3337-71-1 MW: 230.26 MOLFM: C8-H10-N2-O4-S

SYN: 4-AMINO-BENZOLSULFONYL-METHYLCARBAMAT (German) * ASILAN * ASULAM * ASULOX * ASULOX 40 * ASULFOX F * JONNIX * MB 9057 * METHYL N-(4-AMINOBENZENESULFONYL)CARBAMATE * METHYL ((4-AMINOPHENYL)SULFONYL)CARBAMATE * METHYL SULFANILYL CARBAMATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2000 mg/kg 85ARAE 2,90,77
unk-mus LD50:5000 mg/kg 30ZDA9 -,204,71

FD1193000 CARBAMIC ACID, (2-SULFOETHYL)DITHIO-, DIAMMONIUM SALT

UPDT:8307 MW: 235.37 MOLFM: C3-H13-N3-O3-S3

SYN: (2-SULFOETHYL)DITHIOCARBAMIC ACID DIAMMONIUM SALT

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1100 mg/kg JINCAO 42,775,80

FD1197000 CARBAMIC ACID, 2-THENYL-, 2-HYDROXYETHYL ESTER

UPDT:8303 MW: 201.26 MOLFM: C8-H11-N-O3-S

SYN: 2-THENYLCARBAMIC ACID 2-HYDROXYETHYL ESTER * 2-THENYLURETHANE du GLYCOL (French)

TOXICITY DATA AND REFERENCES:

3A11F17F25 scu-mus LD50:500 mg/kg AIPTAK 127,220,60

CARBAMIC ACID, (2-(4-THIAZOLYL)-1H-BENZIMIDAZOL-5-YL)-, 1-METHYLETHYL ESTER (9CI) see: DD6538000

FD1225000 CARBAMIC ACID, THIO-, S,S'-(2-(DIMETHYLAMINO)TRIMETHYLENE) ESTER, HYDROCHLORIDE

UPDT:8411 CAS: 15263-52-2 MW: 492.59 MOLFM: C7-H15-N3-O2-S2-xCl-H

SYN: 1,3-BIS(CARBAMOYLTHIO)-2-(N,N-DIMETHYLAMINO)PROPANE HYDROCHLORIDE * CALDAN * 1,3-BIS(CARBAMOYLTHIO)-2-(N,N-DIMETHYLAMINO)PROPANE HYDROCHLORIDE * CARBAMOTHIOIC ACID, S,S'-(2-(DIMETHYLAMINO)-1,3-PROPANEDIYL) ESTER, MONOHYDROCHLORIDE (9CI) * CARTAP * CARTAP HYDROCHLORIDE * S,S'-(2-(DIMETHYLAMINO)TRIMETHYLENE)BIS(THIOCARBAMATE) HYDROCHLORIDE * NTD 2 * PADAN * PADAN 4 G * PATAP * PROPANE, 1,3-BIS(CARBAMOYLTHIO)-2-(N,N-DIMETHYLAMINO)-, HYDROCHLORIDE * SANVEX * THIOBEL * THIOCARBAMIC ACID,S,S-(2-(DIMETHYLAMINO)TRIMETHYLENE) ESTER HYDROCHLORIDE * TI-1258 * VEGETOX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46 orl-rat TDLo:700 mg/kg (9-15D preg) TAKHAA 30,776,71
1T46 orl-ham TDLo:300 mg/kg (8-13D preg) TAKHAA 30,776,71

TOXICITY DATA AND REFERENCES:

orl-rat LD50:250 mg/kg SPEADM 74-1,-,74
orl-mus LD50:165 mg/kg SPEADM 74-1,-,74
2F12J25 ivn-mus LD50:59 mg/kg JJPAAZ 17,491,67

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FD1540000 CARBAMIC ACID, THIO-, S-2-PYRIDYLMETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8403 MW: 204.69 MOLFM: C7-H8-N2-O-S-Cl-H

SYN: 2-PYRIDINEMETHANETHIOL CARBAMATE HYDROCHLORIDE * THIOCARBAMIC ACID,S-(2-PYRIDYLMETHYL) ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:500 mg/kg EJMCA5 18,515,83

FD1592000 CARBAMIC ACID, m-TOLYL ESTER

UPDT:8406 MW: 151.18 MOLFM: C8-H9-N-O2

SYN: 3-METHYLPHENYL CARBAMATE * m-TOLYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1116 mg/kg JPPMAB 13,39,61
* ivn-mus LD50:105 mg/kg JPPMAB 13,39,61

FD1750000 CARBAMIC ACID, 2,2,2-TRICHLOROETHYL ESTER

UPDT:8401 CAS: 107-69-7 MW: 192.43 MOLFM: C3-H4-Cl3-N-O2

SYN: ETHANOL, 2,2,2-TRICHLORO-, CARBAMATE * TRICHLOROETHYL CARBAMATE * VOLUNTAL

TUMORIGENIC DATA AND REFERENCES:

2V02J60 ipr-mus TDLo:3250 mg/kg/13W-I JNCIAM 8,99,47

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:500 mg/kg JNCIAM 8,99,47

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBAMIC ACID, (3-TRIMETHYLAMMONIOPHENYL) ESTER, IODIDE see: BR4200000

FD1891000 CARBAMIC ACID, 2,3,5-TRIMETHYLPHENYL ESTER

UPDT:8406 MW: 179.24 MOLFM: C10-H13-N-O2

SYN: 2,3,5-TRIMETHYPHENYL CARBAMATE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:146 mg/kg JPPMAB 13,39,61
* ivn-mus LD50:30 mg/kg JPPMAB 13,39,61

FD1892000 CARBAMIC ACID, 2,4,5-TRIMETHYLPHENYL ESTER

UPDT:8406 MW: 179.24 MOLFM: C10-H13-N-O2

SYN: 2,4,5-TRIMETHYLPHENYL CARBAMATE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:35800 ug/kg JPPMAB 13,39,61

CARBAMIC ACID, 4-(TRIMETHYLSILYL)BUTYL ESTER see: EL6200000
CARBAMIC ACID, 2-(TRIMETHYLSILYL)ETHYL ESTER see: KM5482000
CARBAMIC ACID, (TRIMETHYLSILYL)METHYL ESTER see: PC4110000
CARBAMIC ACID, 3-(TRIMETHYLSILYL)PROPYL ESTER see: UC0245000

FD1995000 CARBAMIC ACID, VINYL ESTER

UPDT:8408 CAS: 15805-73-9 MW: 87.09 MOLFM: C3-H5-N-O2

SYN: VINYL CARBAMATE

MUTATION DATA AND REFERENCES:

mma-sat 100 ug/plate CNREA8 38,3793,78
sce-hmn:lym 10 mmol/L MUREAV 89,75,81
otr-rat-ipr 50 mg/kg CNREA8 40,1157,80
sce-rat-unk 25 mg/kg BANRDU 13,293,82
sce-rat-ipr 25 mg/kg MUREAV 126,159,84
sce-mus-ipr 10 umol/kg CNREA8 42,2165,82
sce-mus-unk 25 mg/kg BANRDU 13,293,82
sce-ham-unk 25 mg/kg BANRDU 13,293,82
sce-ham:lng 1 mg/L CRNGDP 3,1437,82
sce-ham-ipr 25 mg/kg MUREAV 126,159,84
msc-ham:lng 1 mg/L CRNGDP 3,1437,82

TUMORIGENIC DATA AND REFERENCES:

3V02J60R60 skn-mus TDLo:200 mg/kg/1W-I CNREA8 38,3793,78
2V02J61 ipr-mus TDLo:13 mg/kg CNREA8 40,1194,80
3V02J60R60 skn-mus TD :400 mg/kg/1W-I CNREA8 38,3793,78
2V02J60 ipr-mus TD :65 mg/kg CNREA8 38,3793,78

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:125 mg/kg CNREA8 38,3793,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FD1996000 CARBAMIC ACID, 2,3-XYLYL ESTER

UPDT:8406 MW: 165.21 MOLFM: C9-H11-N-O2

SYN: 2,3-DIMETHYLPHENYL CARBAMATE * 2,3-XYLYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:864 mg/kg JPPMAB 13,39,61

FD1997000 CARBAMIC ACID, 2,5-XYLYL ESTER

UPDT:8406 MW: 165.21 MOLFM: C9-H11-N-O2

SYN: 2,5-DIMETHYLPHENYL CARBAMATE * 2,5-XYLYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:156 mg/kg JPPMAB 13,39,61
* ivn-mus LD50:34 mg/kg JPPMAB 13,39,61

FD1998000 CARBAMIC ACID, 3,4-XYLYL ESTER

UPDT:8406 MW: 165.21 MOLFM: C9-H11-N-O2

SYN: 3,4-DIMETHYLPHENYL CARBAMATE * 3,4-XYLYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:113 mg/kg JPPMAB 13,39,61
* ivn-mus LD50:24 mg/kg JPPMAB 13,39,61

FD1999000 CARBAMIC ACID, 3,5-XYLYL ESTER

UPDT:8406 MW: 165.21 MOLFM: C9-H11-N-O2

SYN: 3,5-DIMETHYLPHENYL CARBAMATE * 3,5-XYLYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:422 mg/kg JPPMAB 13,39,61
* ivn-mus LD50:60 mg/kg JPPMAB 13,39,61

CARBAMIC ANHYDRIDE, TETRAMETHYLTRITHIO- see: WQ1750000
CARBAMIC CHLORIDE, DIETHYL- (9CI) see: FD4025000
CARBAMIDAL see: QS4375000
CARBAMIDE see: YR6250000
CARBAMIDE, N-ETHYL-N-NITROSO- see: YT3150000
CARBAMIDE, N-METHYL-N-NITROSO- see: YT7875000
CARBAMIDE PEROXIDE see: YT4850000
CARBAMIDE PHENYLACETATE see: YU0875000
CARBAMIDE RESIN see: YR6250000
CARBAMIDINE see: ME7750000
p-CARBAMIDOBENZENEARSONIC ACID see: CF9275000
p-CARBAMIDOPHENYL ARSENOUS ACID see: CG9200000
p-CARBAMIDOPHENYL ARSENOUS OXIDE see: CG9200000
4-CARBAMIDOPHENYL BIS(CARBOXYMETHYLTHIO)ARSENITE see: AI6500000
p-CARBAMIDOPHENYL-BIS(2-CARBOXYPHENYLMERCAPTO)ARSINE see: DH3400000
4-CARBAMIDOPHENYL BIS(o-CARBOXYPHENYLTHIO)ARSENITE see: DH3400000
p-CARBAMIDOPHENYL-DI(1'-CARBOXYPHENYL 2') THIOARSENITE see: DH3400000
CARBAMIDOYL CHLORIDE, DIETHYL- see: FD4025000
CARBAMIDSAEURE-AETHYLESTER (German) see: FA8400000
CARBAMIMIDIC ACID see: YR6250000
CARBAMIMIDOTHOIC ACID 2-AMINOETHYL ESTER DIHYDROBROMIDE see: UM0175000
CARBAMIMIDOTHIOIC ACID, ETHYL ESTER, MONO(DIETHYL PHOSPATE) see: TC0870000
CARBAMINE see: FC5950000
CARBAMINOCHOLINE CHLORIDE see: GA0875000
CARBAMINOILCOLINA (Italian) see: GA4400000
p-CARBAMINO PHENYL ARSONIC ACID see: CF9275000
CARBAMINOPHENYL-p-ARSONIC ACID see: CF9275000
CARBAMINOYLCHOLINE CHLORIDE see: GA0875000
CARBAMIOTIN see: GA0875000
CARBAMODITHIOIC ACID see: FD8892440
CARBAMODITHIOIC ACID, (3-CHLOROPHENYL)-, TRIMETHYLSILYL ESTER see: FD7785000
CARBAMODITHIOIC ACID, DIETHYL-, 2-CHLORO-2-PROPENYL ESTER (9CI) see: EZ5075000
CARBAMODITHIOIC ACID, DIETHYL-, SODIUM SALT (9CI) see: EZ6475000
CARBAMODITHIOIC ACID, DIETHYL-, TRIMETHYLSILYL ESTER see: EZ6840000

FD3500000 CARBAMODITHIOIC ACID, DIMETHYL-, SODIUM SALT

UPDT:8403 CAS: 128-04-1 MW: 143.21 MOLFM: C3-H6-N-S2-Na

SYN: ACETO SDD 40 * ALCOBAM NM * BRODDEX 555 * CARBAMIC ACID, DIMETHYLDITHIO-, SODIUM SALT * CARBON 5 * DIBAM * DIBAM A * DIMETHYLDITHIOCARBAMIC ACID, SODIUM SALT * DMDK * METHYL NAMATE * SDDC * SHARSTOP 204 * SODIUM N,N-DIMETHYLDITHIOCARBAMATE * STA-FRESH 615 * STERISEAL LIQUID #40 * THIOSTOP N * VINSTOP * VULNOPOL NM * WING STOP B

MUTATION DATA AND REFERENCES:

mma-sat 50 ug/plate MUREAV 116,185,83

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1000 mg/kg PCOC** -,1029,66
* ipr-rat LD50:1000 mg/kg PHARAT 27,139,72
orl-mus LD50:1500 mg/kg FATOAO 28,230,65
* ipr-mus LD50:950 mg/kg PHARAT 27,139,72

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

FD3502000 CARBAMODITHIOIC ACID, DIMETHYL-, SODIUM SALT, mixt. with 2(3H)-BENZOTHIAZOLETHIONE, SODIUM SALT

UPDT:8309 CAS: 8000-96-2 MW: 333.45 MOLFM: C7-H5-N-S2-C3-H6-N-S2-2Na

SYN: VANCIDE 51

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3120 mg/kg FMCHA2 -,C251,83

CARBAMODITHIOIC ACID, DIMETHYL-, TRIS(ANHYDROSULFIDE) with ARSENOTRITHIOUS ACID (9CI) see: CH9000000
CARBAMODITHIOIC ACID, (2-METHOXYPHENYL)-, TRIMETHYLSILYL ESTER see: FD9290000
CARBAMODITHIOIC ACID, PHENYL-, METHYL ESTER (9CI) see: FD8892250
CARBAMODITHIOIC ACID, (4-METHYLPHENYL)-, TRIMETHYL ESTER see: FD9315000
CARBAMOHYDROXAMIC ACID see: YT4900000
CARBAMOHYDROXIMIC ACID see: YT4900000
CARBAMOHYDROXYAMIC ACID see: YT4900000
1-CARBAMOIL-3-(4-CLOROFENOSSI)-3-METILISOBUTILAMMINA (Italian) see: YS6110000
1-CARBAMOIL-2-(4-CLOROFENOSSI)-2-METILPROPILAMMINA (Italian) see: YS6120000
CARBAMOL see: YU1610000

TOXICITY DATA HAVE NOT BEEN EVALUATED

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CARBAMONITRILE see: G55950000
CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER see: EZ8225000

FD3702000 CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER, mixt. with 5-AMINO-4-CHLORO-2-PHENYL-3(2H)-PYRIDAZINONE
UPDT:8309 CAS: 58811-21-5 MW: 407.25 MOLFM: C10-H17-Cl2-N-O-S . C10-H8-Cl-N3-O
SYN: CHLORIDAZON-DIALLATE mixt. * DIALLATE CHLORIDAZON mixt. * PYRADEX
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg FMCHA2 -,C200,83
CARBAMOTHIOIC ACID, BIS(2-METHYLPROPYL)-, S-ETHYL ESTER see: EZ7525000
CARBAMOTHIOIC ACID, BUTYLETHYL-, S-PROPYL ESTER (9CI) see: EZ0400000
CARBAMOTHIOIC ACID, CYCLOHEXYLETHYL-, S-ETHYL ESTER see: GU7200000
CARBAMOTHIOIC ACID, DIETHYL-, S-((2-CHLOROPHENYL)METHYL) ESTER (9CI) see: EZ7259400
CARBAMOTHIOIC ACID, DIETHYL-, S-((4-CHLOROPHENYL)METHYL) ESTER see: EZ7260000
CARBAMOTHIOIC ACID, S,S'-(2-(DIMETHYLAMINO)-1,3-PROPANEDIYL) ESTER, MONOHYDROCHLORIDE (9CI) see: FD1225000

FD3810000 CARBAMODITHIOIC ACID, DIMETHYL-, 3-OXOBUTYL ESTER
UPDT:8403 CAS: 30538-01-3 MW: 191.33 MOLFM: C7-H13-N-O-S2
SYN: DIMETHYLCARBAMODITHIOIC ACID 3-OXOBUTYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:590 mg/kg PHARAT 27,139,72
* ipr-mus LD50:450 mg/kg PHARAT 27,139,72

FD3811000 CARBAMODITHIOIC ACID, DIMETHYL-, 3-OXO-3-PHENYLPROPYL ESTER
UPDT:8403 CAS: 30670-17-8 MW: 253.40 MOLFM: C12-H15-N-O-S2
SYN: DIMETHYLCARBAMODITHIOIC ACID 3-OXO-3-PHENYLPROPYL ESTER * N,N-DIMETHYLDITHIOCARBAMIDSAEURE-(3-OXO-3-PHENYLPROPYL)-ESTER (German)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:2000 mg/kg PHARAT 27,139,72
* ipr-mus LD50:2000 mg/kg PHARAT 27,139,72
CARBAMOTHIOIC ACID, DIPHENYL-, S-(2-(DIETHYLAMINO)ETHYL) ESTER (9CI) see: FA4439000

FD3840000 CARBAMOTHIOIC ACID, DIPROPYL-, S-PROPYL ESTER, mixt. with 2,2-DICHLORO- N,N-DI-2-PROPENYLACETAMIDE
UPDT:8309 CAS: 68924-90-3 MW: 411.48 MOLFM: C10-H21-N-O-S . C8-H11-Cl2-N-O
SYN: S-PROPYLDIPROPYLTHIOCARBAMATE plus R-25788 * R-25788 plus S-PROPYLDIPROPYLTHIOCARBAMATE * SURPASS * VERNOLATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1800 mg/kg FMCHA2 -,C225,83

FD3912000 CARBAMOTHIOIC ACID, (2-(2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)ETHYL)-, O-METHYL ESTER
UPDT:8406 CAS: 42116-76-7 MW: 244.30 MOLFM: C8-H12-N4-O3-S
SYN: CARNIDAZOLE * 1-(2-ETHYLCARBAMOTHIOIC ACID O-METHYL ESTER)-2-METHYL-5-NITROIMIDAZOLE * ME 108 * (2-(2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)ETHYL)CARBAMOTHIOIC ACID O-METHYL ESTER
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/L TCMUD8 3,429,83

FD3920000 CARBAMOTHIOIC ACID, N-METHYL-N-(m-TOLYL)-, (1,2,3,4-TETRAHYDRO-1,4-METHANONAPHTHALEN-6-YL) ESTER
UPDT:8402 CAS: 50838-36-3 MW: 323.48 MOLFM: C20-H21-N-O-S
SYN: K 9147 * KC 9147 * O-(1,4-METHANO-1,2,3,4-TETRAHYDRO-6-NAPHTHYL)-N-METHYL-N-(m-TOLYL)THIOCARBAMATE * O-(1,2,3,4-TETRAHYDRO-1,4-METHANONAPHTHALEN-6-YL)-m,N-DIMETHYLTHIO-CARBANILATE * 1,2,3,4-TETRAHYDRO-1,4-METHANONAPHTHALEN-6-YL N-METHYL-N-(m-TOLYL)CARBAMOTHIOATE * O-(5,6,7,8-TETRAHYDRO-5,8-METHANO-2-NAPHTHYL)-N-METHYL-N-(m-METHYLPHENYL)THIOCARBAMATE * TOLCICLATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6000 mg/kg DRFUD4 1,543,76
* ivn-rat LD50:252 mg/kg IYKEDH 14,838,83
orl-mus LD50:4000 mg/kg DRFUD4 1,543,76
* ivn-mus LD50:167 mg/kg IYKEDH 14,838,83

FD3920350 CARBAMOTHIOIC ACID, PROPYL-, O-ETHYL ESTER
UPDT:8408 CAS: 55365-87-2 MW: 147.26 MOLFM: C6-H13-N-O-S
SYN: EPTAM * O-ETHYL PROPYLTHIOCARBAMATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1660 mg/kg 85GMAT -,68,82
* skn-rat LD50:3200 mg/kg 85GMAT -,69,82
* orl-mus LD50:750 mg/kg 85GMAT -,68,82
* orl-cat LD50:112 mg/kg 85GMAT -,68,82
HEMODEZ see: TR8370000
N-CARBAMOYLARSANILIC ACID see: CF9275000
DL-N-CARBAMOYLASPARTIC ACID CALCIUM SALT see: CI9150000
L-N-(1-CARBAMOYLBUTYL)-1-((2-CHLOROETHYL)NITROSOCARBAMOYL)-2-PYRROLIDINECARBOXAMIDE see: UY7352650
L-N-(1-CARBAMOYLBUTYL)-1-(METHYLNITROSOCARBAMOYL)-2-PYRROLIDINECARBOXAMIDE see: UY0298000

FD4025000 CARBAMOYL CHLORIDE, DIETHYL-
UPDT:8404 CAS: 88-10-8 MW: 135.61 MOLFM: C5-H10-Cl-N-O
SYN: CARBAMIC CHLORIDE, DIETHYL- (9CI) * CARBAMIDOYL CHLORIDE, DIETHYL- * DIETHYLCARBAMOYL CHLORIDE * N,N-DIETHYLCARBAMOYL CHLORIDE * DIETHYLCARBAMYL CHLORIDE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 54 mmol CBINA8 40,209,82
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:750 mg/kg NTIS** AD691-490
STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS: VOL 6, 317
NIOSH MANUAL OF ANALYTICAL METHODS: TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 12, 1976
REPORTED IN EPA TSCA INVENTORY, 1983

FD4200000 CARBAMOYL CHLORIDE, DIMETHYL-
UPDT:8406 CAS: 79-44-7 MW: 107.55 MOLFM: C3-H6-Cl-N-O
SYN: CARBAMYL CHLORIDE, N,N-DIMETHYL- * CHLOROFORMIC ACID DIMETHYLAMIDE * DDC * (DIMETHYLAMINO)CARBONYL CHLORIDE * DIMETHYLCARBAMIC ACID CHLORIDE * DIMETHYLCARBAMIC CHLORIDE * DIMETHYLCARBAMIDOYL CHLORIDE * DIMETHYLCARBAMOYL CHLORIDE * N,N-DIMETHYLCARBAMOYL CHLORIDE * N,N-DIMETHYLCARBAMOYL CHLORIDE (DOT) * DIMETHYLCARBAMYL CHLORIDE * N,N-DIMETHYLCARBAMYL CHLORIDE * DMCC * RCRA WASTE NUMBER U097 * TL 389 * UN 2262 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 33 ug/plate ENMUDM 5(Suppl 1),3,83
mma-sat 3 ug/plate ENMUDM 5(Suppl 1),3,83
mmo-esc 200 mg/L PMRSDJ 1,396,81
mma-esc 200 mg/L PMRSDJ 1,396,81
dnr-esc 10 mg/L JJIND8 62,873,79
pic-esc 500 uL/L PMRSDJ 1,224,81
mma-smc 89 mg/L PMRSDJ 1,414,81
dnr-smc 136 umol/L CNJGA8 24,-71,82
mrc-smc 2 gm/L PMRSDJ 1,481,81
sln-smc 100 mg/L PMRSDJ 1,468,81
mmo-ssp 2 mg/L PMRSDJ 1,424,81
mma-ssp 2 mg/L PMRSDJ 1,424,81
dnr-ssp 136 umol/L CNJGA8 24,771,82
dns-hmn:fbr 32 ug/L PMRSDJ 1,528,81
mnt-mus-ipr 1400 ug/kg PMRSDJ 1,698,81
mmo-mus:lym 187 mg/L MUREAV 97,49,82
msc-mus:lym 1200 mg/L PMRSDJ 1,580,81
hma-mus/sat 1000 mg/kg JJIND8 62,911,79
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
otr-ham:emb 100 ug/L IJCNAW 19,642,77
otr-ham:emb 100 ug/L JJIND8 67,1303,81
cyt-ham:ovr 33 uL/L PMRSDJ 1,551,81
sce-ham:ovr 100 umol/L MUREAV 118,103,83
sce-ham:lng 100 umol/L MUREAV 118,103,83
dnd-mam:lym 54 mmol CBINA8 40,209,82
TUMORIGENIC DATA AND REFERENCES:
2V03D09 ihl-rat TCLo:1 ppm OHSLAM 6,5,76
3V02R60V10 skn-mus TDLo:13 gm/kg/55W-I JNCIAM 53,695,74
3V02J60V10 ipr-mus TDLo:2560 mg/kg/64W-I JNCIAM 53,695,74
3V02J60V10 scu-mus TDLo:5200 mg/kg/26W-I JNCIAM 48,1539,72
3V01D09U01 ihl-ham TCLo:1 ppm/6H-89W-I JEPTDQ 4(1),107,80
3V02J60R60 skn-mus TD :13 gm/kg/55W-I JNCIAM 48,1539,72
2V02V10 scu-mus TD :8 gm/kg/40W-I JNCIAM 53,695,74
2V03J60 ihl-rat TC :1 ppm/6H-6W-I PAACA3 21,106,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg ZAARAM 24,71,74
* ihl-rat LC50:180 ppm/6H JEPTDQ 4(1),107,80
ihl-mus LCLo:1000 mg/m3/10M NDRC** NDCrc-132,Oct,42
ipr-mus LD50:300 mg/kg ZAARAM 24,71,74
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 12,77,76
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,147,80
STANDARDS & REGULATIONS:
★ DOT:IMO:CORROSIVE MATERIAL, LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 11, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

8-CARBAMOYL-3-(2-CHLOROETHYL)IMIDAZO(5,1-d)-1,2,3,5-TETRAZIN-4(3H)-ONE see: NJ5927000
CARBAMOYLCHOLINE BROMIDE see: FZ9875000
CARBAMOYLCHOLINE-BROMURE (French) see: FZ9875000
CARBAMOYLCHOLINE CHLORIDE see: GA0875000
gamma-CARBAMOYL CHOLINE CHLORIDE see: GA0875000
CARBAMOYLCHOLINE-HYDROCHLORIDE see: GA0875000
5-CARBAMOYL-5H-DIBENZ(b,f)AZEPINE see: HN8225000
5-CARBAMOYLDIBENZO(b,f)AZEPINE see: HN8225000
5-CARBAMOYL-5H-DIBENZO(b,f)AZEPINE see: HN8225000
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIETHYLISOPROPYLAMMONIUM BROMIDE see: BP0640000
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIETHYLMETHYLAMMONIUM IODIDE see: BP0641000
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIETHYLPROPYLAMMONIUM CHLORIDE see: BP0642000
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLETHYLAMMONIUM BROMIDE see: BP0689000
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYLAMMONIUM BROMIDE see: BP0693000
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYLAMMONIUM CHLORIDE see: BP0693100
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYLAMMONIUM IODIDE see: BP0693200
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYLAMMONIUM METHYL SULFATE see: BP0693400
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIMETHYLETHYLAMMONIUM BROMIDE see: BP0694200
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIMETHYLISOPROPYLAMMONIUM BROMIDE see: BP0695000
3-(CARBAMOYL-3,3-DIPHENYLPROPYL)ETHYLDIMETHYLAMMONIUM BROMIDE see: BP0694200
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)ETHYLISOPROPYLMETHYLAMMONIUM BROMIDE see: BP0701000
4-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-4-ETHYLMORPHOLINIUM BROMIDE see: QF2822400
1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-ETHYLPIPERIDINIUM BROMIDE see: TN4694000
1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-ETHYLPYRROLIDINIUM BROMIDE see: UY3620000
4-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-4-ISOPROPYLMORPHOLINIUM BROMIDE see: QF2822450
1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-ISOPROPYLPIPERIDINIUM BROMIDE see: TN4694100
1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-ISOPROPYLPYRROLIDINIUM BROMIDE see: UY3621000
4-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-4-METHYLMORPHOLINIUM IODIDE see: QF2822500
1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-METHYL-2-PIPECOLINIUM IODIDE see: TK6052000
1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-METHYL-4-PIPECOLINIUM IODIDE see: TK6053000
1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-METHYLPIPERIDINIUM IODIDE see: TN4694200
1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-METHYLPYRROLIDINIUM IODIDE see: UY3623000
4-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-4-METHYLTHIOMORPHOLINIUM IODIDE see: XM3050150
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)TRIETHYLAMMONIUM BROMIDE see: BP0701500
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)TRIISOPROPYLAMMONIUM BROMIDE see: BP0701700
(3-CARBAMOYL-3,3-DIPHENYLPROPYL)TRIMETHYLAMMONIUM IODIDE see: BP0701800
4'-(1-CARBAMOYLETHOXY)ACETANILIDE see: AD9835000
3'-CARBAMOYL-2-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE 2-OXIME see: UU2980000
4'-CARBAMOYL-2-FORMYL-1,1'-(OXYDIMETHYLENE)DI-PYRIDINIUM-DICHLORIDE-2-OXIME see: UU2990000
3-CARBAMOYL-4'-FORMYL-1,1-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE 4'-OXIME see: UU2989000
4-CARBAMOYL-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE 4'-OXIME see: UU2990500
3-CARBAMOYL-4'-FORMYL-1,1'-TRIMETHYLENEDIPYRIDINIUM DIBROMIDE 4'-OXIME see: UU2993000
O-CARBAMOYLHYDROXYLAMINE see: NC3300000
4H-3-CARBAMOYLMETHYL-1,3-BENZOXAZIN-2-ONE see: DM3300000
N-(CARBAMOYLMETHYL)-2-DIAZOACETAMIDE see: AB4900000
1-p-CARBAMOYLMETHYLPHENOXY-3-ISOPROPYLAMINO-2-PROPANOL see: AC3600000
CARBAMOYL OXIME see: YT4900000
1-CARBAMOYLOXY-2-HYDROXY-3-(o-METHYLPHENOXY)PROPANE see: FB2710000
3-CARBAMOYLOXY-3-METHYL-4-PENTYNE see: SC5075000
1-CARBAMOYLOXY-3-PHENYLPROPANE see: UB9275000
1-CARBAMOYLOXY-1-(2-PROPYNYL)CYCLOHEXANE see: FD1150000
1-CARBAMOYL-2-PHENYLHYDRAZINE see: FD0575000
10-(3-(4-CARBAMOYLPIPERIDINE)PROPYL)-2-(METHANESULFONYL)PHENOTHIAZINE see: NS5075000
4-CARBAMOYLPYRIDINE see: NR9500000
4-CARBAMOYL-1-beta-D-RIBOFURANOSYL-IMIDAZOLIUM-5-OLATE see: NI3980000
CARBAMTHIOLIC ACID, N-METHYL-, p-TOLYL ESTER see: FC7750000
CARBAMULT see: FB8050000
4-CARBAMYLAMINOPHENYLARSONIC ACID see: CF9275000
N-CARBAMYL ARSANILIC ACID see: CF9275000
CARBAMYL CHLORIDE, N,N-DIMETHYL- see: FD4200000
CARBAMYLCHOLINE CHLORIDE see: GA0875000
5-CARBAMYLDIBENZO(b,f)AZEPINE see: HN8225000
5-CARBAMYL-5H-DIBENZO(b,f)AZEPINE see: HN8225000
CARBAMYLHYDRAZINE see: VT2975000
CARBAMYLHYDRAZINE HYDROCHLORIDE see: VT3500000

BEST COPY AVAILABLE

CARBAMYL HYDROXAMATE see: YT4900000
4-CARBAMYLPHENYL BIS(CARBOXYMETHYLTHIO)ARSENITE see: AI6199900
1-CARBAMYL-2-PHENYLHYDRAZINE see: FD0575000
2-CARBAMYL PYRAZINE see: UQ2275000
CARBANIL see: DA3675000

FD7430000 CARBANILIC ACID, N-ACETOXY-, ISOPROPYL ESTER
UPDT:8408 CAS: 4212-94-6 MW: 237.28 MOLFM: C12-H15-N-O4
SYN: HYDROXYLAMINE, O-ACETYL-N-CARBOXY-N-PHENYL-, ISOPROPYL ESTER * O-ACETYL-N-CARBOXY-N-PHENYL-HYDROXYLAMINE ISOPROPYL ESTER * (ACETYLOXY)PHENYL-CARBAMIC ACID * ACYLATE * ACYLATE-1 * CARBAMIC ACID, (ACETYLOXY)PHENYL-, 1-METHYLETHYL ESTER (9CI) * N-CARBOISOPROPOXY-O-ACETYL-N-PHENYL CARBAMATE * ISOPROPYL N-ACETOXY-N-PHENYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3400 mg/kg 85GMAT -,32,82
* ihl-rat LC50:1170 mg/m3/6H 85GMAT -,32,82
* orl-mus LD50:2075 mg/kg 85GMAT -,32,82
unk-mam LD50:3000 mg/kg 30ZDA9 -,203,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FD7468000 CARBANILIC ACID, p-(2-AMINO-2-CARBOXYETHYL)SULFONYL)-, 1-METHYL ESTER, compd. with 2- AMINOETHANOL, DL-
UPDT:8312 MW: 363.43 MOLFM: C13-H21-N3-O7-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:1300 mg/kg PCJOAU 16,520,82

FD7560000 CARBANILIC ACID, 4-BROMO-3-CHLORODITHIO-, ETHYL ESTER
UPDT:8407 CAS: 7220-28-2 MW: 310.67 MOLFM: C9-H9-Br-Cl-N-S2
SYN: S-AETHYL-N-(3-CHLOR-4-BROM-PHENYL)-DITHIOCARBAMAT (German) * 4-BROMO-3-CHLORODITHIOCARBANILIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:300 mg/kg ARZNAD 16,1092,66

FD7570000 CARBANILIC ACID, 4-BROMO-3-CHLORODITHIO-, GLYCOLATE
UPDT:8407 CAS: 73622-97-6 MW: 340.65 MOLFM: C9-H7-Br-Cl-N-O2-S2
SYN: 4-BROMO-3-CHLORODITHIOCARBANILIC ACID GLYCOLATE * S-(3-CHLOR-4-BROM-PHENYL-THIOCARBAMOYL)-THIOGLYKOLSAEURE (German)
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:300 mg/kg ARZNAD 16,1092,66

FD7580000 CARBANILIC ACID, 4-BROMO-3-CHLORODITHIO-, METHYL ESTER
UPDT:8407 CAS: 13037-38-2 MW: 296.64 MOLFM: C8-H7-Br-Cl-N-S2
SYN: 4-BROMO-3-CHLORODITHIOCARBANILIC ACID METHYL ESTER * S-METHYL-N-(3-CHLOR-4-BROM-PHENYL)-DITHIOCARBAMAT (German)
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:150 mg/kg ARZNAD 16,1092,66

FD7630500 CARBANILIC ACID, p-BUTOXY-, 2-DIETHYLAMINOETHYL ESTER
UPDT:8406 MW: 308.47 MOLFM: C17-H28-N2-O3
SYN: p-BUTOXYCARBANILIC ACID 2-DIETHYLAMINOETHYL ESTER
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:430 mg/kg JAPMA8 48,396,59

FD7641000 CARBANILIC ACID, m-BUTOXY-N-ETHYL-, 1-METHYL-2-PIPERIDINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8403 CAS: 52205-66-0 MW: 399.03 MOLFM: C21-H34-N2-O3 Cl-H
SYN: m-BUTOXY-N-ETHYLCARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2C17E15 unk-mam LD50:260 mg/kg PHARAT 29,206,74

FD7641300 CARBANILIC ACID, 2-BUTOXY-, 2-HYDROXY-3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 386.97 MOLFM: C19-H30-N2-O4 Cl-H
SYN: 2-BUTOXYCARBANILIC ACID 2-HYDROXY-3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE * 1,2-PROPANEDIOL, 3-PIPERIDINO-, 1-o-BUTOXYCARBANILATE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:127 mg/kg JAPMA8 48,398,59

FD7641400 CARBANILIC ACID, 3-BUTOXY-, 2-HYDROXY-3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 386.97 MOLFM: C19-H30-N2-O4 Cl-H
SYN: 3-BUTOXYCARBANILIC ACID 2-HYDROXY-3-PIPERIDINOPROPYL ESTER HYDROCLORIDE * 1,2-PROPANEDIOL, 3-PIPERIDINO-, 1-m-BUTOXYCARBANILATE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:105 mg/kg JAPMA8 48,398,59

FD7641500 CARBANILIC ACID, 4-BUTOXY-, 2-HYDROXY-3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 386.97 MOLFM: C19-H30-N2-O4 Cl-H
SYN: 4-BUTOXYCARBANILIC ACID 2-HYDROXY-3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE * 1,2-PROPANEDIOL, 3-PIPERIDINO-, 1-p-BUTOXYCARBANILATE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:430 mg/kg JAPMA8 48,398,59

CARBANILIC ACID, m-CARBANILOYLOXY-, ETHYL ESTER see: FD0425000

FD7670000 CARBANILIC ACID, p-CARBOXY-, N-BENZYL 3-(DIBUTYLAMINO)PROPYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 477.10 MOLFM: C26-H36-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID N-BENZYL 3-(DIBUTYLAMINO)PROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5 mg/kg COREAF 239,1440,54

FD7671000 CARBANILIC ACID, p-CARBOXY-, N-BENZYL 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 406.95 MOLFM: C21-H26-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID N-BENZYL 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:12 mg/kg COREAF 239,1440,54

FD7674000 CARBANILIC ACID, N-(alpha-CARBOXYBENZYL)-, DIMETHYL ESTER
UPDT:8309 MW: 299.35 MOLFM: C17-H17-N-O4
SYN: N-(alpha-CARBOXYBENZYL)CARBANILIC ACID DIMETHYL ESTER * N-PHENYL-N-CARBOMETHOXYPHENYLACETIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:235 mg/kg PCJOAU 16,517,82

FD7683000 CARBANILIC ACID, p-CARBOXY-, N-BUTYL 3-(DIBUTYLAMINO)PROPYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 443.09 MOLFM: C23-H38-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID N-BUTYL 3-(DIBUTYLAMINO)PROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4 mg/kg COREAF 239,1440,54

FD7683400 CARBANILIC ACID, p-CARBOXY-, N-BUTYL 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 372.94 MOLFM: C18-H28-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID N-BUTYL 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:9500 ug/kg COREAF 239,1440,54

FD7684000 CARBANILIC ACID, p-CARBOXY-, 3-(DIBUTYLAMINO)PROPYL N-ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 415.03 MOLFM: C21-H34-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID 3-(DIBUTYLAMINO)PROPYL N-ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5500 ug/kg COREAF 239,1440,54

FD7684200 CARBANILIC ACID, p-CARBOXY-, 3-(DIBUTYLAMINO)PROPYL N-HEXYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 471.15 MOLFM: C25-H42-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID 3-(DIBUTYLAMINO)PROPYL N-HEXYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:3 mg/kg COREAF 239,1440,54

FD7684300 CARBANILIC ACID, p-CARBOXY-, 3-(DIBUTYLAMINO)PROPYL N-ISOBUTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 443.09 MOLFM: C23-H38-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID 3-(DIBUTYLAMINO)PROPYL N-ISOBUTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5500 ug/kg COREAF 239,1440,54

FD7684400 CARBANILIC ACID, p-CARBOXY-, 3-(DIBUTYLAMINO)PROPYL N-METHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 401.00 MOLFM: C20-H32-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID 3-(DIBUTYLAMINO)PROPYL N-METHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:7 mg/kg COREAF 239,1440,54

FD7684450 CARBANILIC ACID, p-CARBOXY-, 3-(DIBUTYLAMINO)PROPYL N-PENTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 457.12 MOLFM: C24-H40-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID 3-(DIBUTYLAMINO)PROPYL N-PENTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4 mg/kg COREAF 239,1440,54

FD7684500 CARBANILIC ACID, p-CARBOXY-, 2-(DIETHYLAMINO)ETHYL N-ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 344.88 MOLFM: C16-H24-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID 2-(DIETHYLAMINO)ETHYL N-ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:11 mg/kg COREAF 239,1440,54

FD7684550 CARBANILIC ACID, p-CARBOXY-, 2-(DIETHYLAMINO)ETHYL N-HEXYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 401.00 MOLFM: C20-H32-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID 2-(DIETHYLAMINO)ETHYL N-HEXYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:3 mg/kg COREAF 239,1440,54

FD7684600 CARBANILIC ACID, p-CARBOXY-, 2-(DIETHYLAMINO)ETHYL N-ISOBUTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 372.94 MOLFM: C18-H28-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID 2-(DIETHYLAMINO)ETHYL N-ISOBUTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:13 mg/kg COREAF 239,1440,54

FD7684650 CARBANILIC ACID, p-CARBOXY-, 2-(DIETHYLAMINO)ETHYL N-METHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 330.85 MOLFM: C15-H22-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID 2-(DIETHYLAMINO)ETHYL N-METHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:22 mg/kg COREAF 239,1440,54

FD7684700 CARBANILIC ACID, p-CARBOXY-, 2-(DIETHYLAMINO)ETHYL N-PENTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 386.97 MOLFM: C19-H30-N2-O4 Cl-H
SYN: p-CARBOXYCARBANILIC ACID 2-(DIETHYLAMINO)ETHYL N-PENTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2500 ug/kg COREAF 239,1440,54

FD7685200 CARBANILIC ACID, p-((1-CARBOXYETHYL)SULFAMOYL)-, 1-METHYL ESTER, D-
UPDT:8312 MW: 302.33 MOLFM: C11-H14-N2-O6-S
SYN: ALANINE, N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)-, p-METHYL ESTER, D- * D-p-((1-CARBOXYETHYL)SULFAMOYL)CARBANILIC ACID 1-METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1300 mg/kg PCJOAU 16,520,82

FD7685500 CARBANILIC ACID, p-((1-CARBOXYETHYL)SULFAMOYL)-, 1-METHYL ESTER, DL-
UPDT:8312 MW: 302.33 MOLFM: C11-H14-N2-O6-S
SYN: ALANINE, N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)-, p-METHYL ESTER, DL- * DL-p-((1-CARBOXYETHYL)SULFAMOYL)CARBANILIC ACID 1-METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1300 mg/kg PCJOAU 16,520,82

FD7686000 CARBANILIC ACID, p-((1-CARBOXYETHYL)SULFAMOYL)-, 1-METHYL ESTER, compd. with 2-AMINOETHANOL, D-
UPDT:8312 MW: 363.43 MOLFM: C13-H21-N3-O7-S
SYN: p-((1-CARBOXYETHYL)SULFAMOYL)CARBANILIC ACID 1-METHYL ESTER compd. with 2-AMINOETHANOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1300 mg/kg PCJOAU 16,520,82

FD7687000 CARBANILIC ACID, p-CARBOXY-, 2-MORPHOLINOETHYL-N-PENTYL ESTER, MONOHYDROCHLORIDE
UPDT:8306 MW: 400.95 MOLFM: C19-H28-N2-O5 Cl-H
SYN: p-CARBOXYCARBANILIC ACID 2-MORPHOLINOETHYL-N-PENTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:37500 ug/kg AIPTAK 112,36,57

FD7692000 CARBANILIC ACID, m-CHLORO-, 2-(BENZYLMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 319.84 MOLFM: C17-H19-N2-O2 Cl-H
SYN: m-CHLOROCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD7693000 CARBANILIC ACID, p-CHLORO-, 2-(BENZYLMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 355.29 MOLFM: C17-H19-Cl-N2-O2 Cl-H
SYN: p-CHLOROCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD7700000 CARBANILIC ACID, m-CHLORO-, 4-CHLORO-2-BUTYNYL ESTER
UPDT:8408 CAS: 101-27-9 MW: 258.11 MOLFM: C11-H9-Cl2-N-O2
SYN: A-980 * BARBAMATE * BARBAN * BARBANE * 2-BUTYN-1-OL 4-CHLORO-, m-CHLOROCARBANILATE * 2-BUTYNYL-4-CHLORO-m-CHLOROCARBANILATE * C-847 * CARBIN * CARBYNE * CARYNE * CBN * (4-CHLOR-BUT-2-YN-YL) N-(3-CHLOOR FENYL)-CARBAMAAT (Dutch) * (4-CHLOR-BUT-2-IN-YL) N-(3-CHLOR-PHENYL)-CARBAMAT (German) * CHLORINAT * CMLORO-2-BUTYNYL m-CHLOROCARBAMATE * 4-CHLORO-2-BUTYNYL m-CHLOROCARBANILATE * 4-CHLOROBUT-2-YNYL 3-CHLOROPHENYLCARBAMATE * 4-CHLORO-2-BUTYNYL N-(3-CHLOROPHENYL)CARBAMATE * m-CHLOROCARBANILIC ACID, 4-CHLORO-2-BUTYNYL ESTER * N-(3-CHLORO PHENYL) CARBAMATE DE 4-CHLORO 2-BUTYNYLE (French) * (4-CLORO-BUT-2-IN-IL)-N-(3-CLORO-FENIL)-CARBAMATO (Italian) * (3-CHLOROPHENYL)CARBAMIC ACID 4-CHLORO-2-BUTYNYL ESTER * CS-847 * FISONS B25 * NEOBAN * S-847
MUTATION DATA AND REFERENCES:
mrc-bcs 20 ug/disc/24H MUREAV 40,19,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:600 mg/kg RREVAH 10,97,65
* unk-rat LD50:527 mg/kg EQSSDX 3,618,75
orl-mus LD50:322 mg/kg FATOAO 35,356,72

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

orl-rbt LD50:600 mg/kg PAREAQ 14,225,62
skn-rbt LD50:23000 mg/kg 85DPAN -,-,71/76
orl-gpg LD50:240 mg/kg PAREAQ 14,225,62
unk-mam LD50:240 mg/kg 30ZDA9 -,202,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

FD7735000 CARBANILIC ACID, m-CHLORODITHIO-, BENZYL ESTER
UPDT:8407 CAS: 13037-31-5 MW: 293.84 MOLFM: C14-H12-Cl-N-S2
SYN: S-BENZYL-N-(3-CHLOR.PHENYL)-DITHIOCARBAMAT (German) * m-CHLORODITHIOCARBANILIC ACID BENZYL ESTER

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:500 mg/kg ARZNAD 16,1092,66

FD7740000 CARBANILIC ACID, p-CHLORODITHIO-, BENZYL ESTER
UPDT:8407 CAS: 730-12-1 MW: 293.84 MOLFM: C14-H12-Cl-N-S2
SYN: S-BENZYL-N-(4-CHLOR.PHENYL)-DITHIOCARBAMAT (German) * p-CHLORODITHIOCARBANILIC ACID BENZYL ESTER

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:500 mg/kg ARZNAD 16,1092,66

FD7745000 CARBANILIC ACID, m-CHLORODITHIO-, ETHYL ESTER
UPDT:8407 CAS: 13037-29-1 MW: 231.77 MOLFM: C9-H10-Cl-N-S2
SYN: S-AETHYL-N-(3-CHLOR.PHENYL)-DITHIOCARBAMAT (German) * m-CHLORODITHIOCARBANILIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:400 mg/kg ARZNAD 16,1092,66

FD7750000 CARBANILIC ACID, o-CHLORODITHIO-, ETHYL ESTER
UPDT:8407 CAS: 13037-25-7 MW: 231.77 MOLFM: C9-H10-Cl-N-S2
SYN: S-AETHYL-N-(2-CHLOR.PHENYL)-DITHIOCARBAMAT (German) * o-CHLORODITHIOCARBANILIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:400 mg/kg ARZNAD 16,1092,66

FD7755000 CARBANILIC ACID, p-CHLORODITHIO-, ETHYL ESTER
UPDT:8407 CAS: 709-88-6 MW: 231.77 MOLFM: C9-H10-Cl-N-S2
SYN: S-AETHYL-N-(4-CHLOR.PHENYL)-DITHIOCARBAMAT (German) * p-CHLORODITHIOCARBANILIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:400 mg/kg ARZNAD 16,1092,66

FD7760000 CARBANILIC ACID, m-CHLORODITHIO-, GLYCOLATE
UPDT:8407 CAS: 73623-02-6 MW: 261.75 MOLFM: C9-H8-Cl-N-O2-S2
SYN: m-CHLORODITHIOCARBANILIC ACID GLYCOLATE * S-(3-CHLOR-PHENYL-THIOCARBAMOYL)-THIOGLYKOLSAEURE (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:300 mg/kg ARZNAD 16,1092,66

FD7765000 CARBANILIC ACID, p-CHLORODITHIO-, GLYCOLATE
UPDT:8407 CAS: 73623-03-7 MW: 261.75 MOLFM: C9-H8-Cl-N-O2-S2
SYN: p-CHLORODITHIOCARBANILIC ACID GLYCOLATE * S-(4-CHLOR-PHENYL-THIOCARBAMOYL)-THIOGLYCOLSAEURE (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:200 mg/kg ARZNAD 16,1092,66

FD7770000 CARBANILIC ACID, m-CHLORODITHIO-, METHYL ESTER
UPDT:8407 CAS: 877-81-6 MW: 217.74 MOLFM: C8-H8-Cl-N-S2
SYN: m-CHLORODITHIOCARBANILIC ACID METHYL ESTER * S-METHYL-N-(3-CHLOR-PHENYL)-DITHIOCARBAMAT (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:300 mg/kg ARZNAD 16,1092,66

FD7775000 CARBANILIC ACID, o-CHLORODITHIO-, METHYL ESTER
UPDT:8407 CAS: 13037-24-6 MW: 217.74 MOLFM: C8-H8-Cl-N-S2
SYN: o-CHLORODITHIOCARBANILIC ACID METHYL ESTER * S-METHYL-N-(2-CHLOR-PHENYL)-DITHIOCARBAMAT (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:300 mg/kg ARZNAD 16,1092,66

FD7780000 CARBANILIC ACID, p-CHLORODITHIO-, METHYL ESTER
UPDT:8407 CAS: 705-69-1 MW: 217.74 MOLFM: C8-H8-Cl-N-S2
SYN: p-CHLORODITHIOCARBANILIC ACID METHYL ESTER * S-METHYL-N-(4-CHLOR-PHENYL)-DITHIOCARBAMAT (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:200 mg/kg ARZNAD 16,1092,66

FD7785000 CARBANILIC ACID, 3-CHLORODITHIO-, TRIMETHYLSILYL ESTER
UPDT:8305 CAS: 71456-96-7 MW: 275.91 MOLFM: C10-H14-Cl-N-S2-Si
SYN: CARBAMODITHOIC ACID, (3-CHLOROPHENYL)-, TRIMETHYLSILYL ESTER * 3-CHLORODITHIOCARBANILIC ACID TRIMETHYLSILYL ESTER

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg INDRBA 16,251,79

CARBANILIC ACID, m-CHLORO-, ESTER with (4-HYDROXY-2-BUTYNYL)TRIMETHYLAMMONIUM CHLORIDE see: BR0318000

FD8050000 CARBANILIC ACID, m-CHLORO-, ISOPROPYL ESTER
UPDT:8406 CAS: 101-21-3 MW: 213.68 MOLFM: C10-H12-Cl-N-O2
SYN: BEET-KLEEN * BUD-NIP * N-(3-CHLOOR-FENYL)-ISOPROPYL CARBAMAAT (Dutch) * CHLOR-IPC * CHLOR-IPC * m-CHLOROCARBANILIC ACID, ISOPROPYL ESTER * 3-CHLOROCARBANILIC ACID, ISOPROPYL ESTER * CHLORO-IFE * CHLORO-IPC * N-(3-CHLORO PHENYL) CARBAMATE D'ISOPROPYLE (French) * N-(3-CHLOROPHENYL)CARBAMIC ACID, ISOPROPYL ESTER * (3-CHLOROPHENYL)CARBAMIC ACID, 1-METHYLETHYL ESTER * N-3-CHLOROPHENYLISOPROPYLCARBAMATE * CHLOROPROPHAM * N-(3-CHLOR-PHENYL)-ISOPROPYL-CARBAMAt (German) * CHLORPROPHAM * CHLORPROPHAME (French) * CICP * CI-IPC * CIPC * N-(3-CLORO-FENIL)-ISOPROPIL-CARBAMMATO (Italian) * ELBANIL * ENT 18.060 * FASCO WY-MOE * FURLOE * FURLOE 4EC * ISOPROPYL meta-CHLOROCARBANILATE * ISOPROPYL 3-CHLOROCARBANILATE * ISOPROPYL 3-CHLOROPHENYLCARBAMATE * ISOPROPYL N-(3-CHLOROPHENYL)-CARBAMATE * ISOPROPYL N-m-CHLOROPHENYL-CARBAMATE * O-ISOPROPYL N-(3-CHLOROPHENYL)CARBAMATE * JACK WILSON CHLORO 51 (oil) * LIRO CIPC * METORON * NEXOVAL * PREVENOL * PREVENOL 56 * PREVENTOL * PREVENTOL 56 * PREWEED * SPROUT NIP * SPROUT-NIP EC * SPUD-NIC * SPUD-NIE * STOPGERME-S * TATERPEX * TRIMERBICIDE CIPC * UNICROP CIPC * Y 3

MUTATION DATA AND REFERENCES:
mmo-smc 100 mg/L PMRSDJ 1,414,81
sln-smc 25 mg/L PMRSDJ 1,468,81
dns-hmn:fbr 4 mg/L PMRSDJ 1,528,81
cyt-mus:fbr 100 umol/L ECREAL 116,229,78
msc-mus:lym 31500 ug/L PMRSDJ 1,580,81
otr-ham:kdy 2500 ug/L PMRSDJ 1,638,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 scu-mus TDLo:9 gm/kg (6-14D preg) NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:
2V02R60 orl-mus TDLo:600 mg/kg BJCAAI 12,355,58

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1200 mg/kg AEHLAU 19,621,69
* ipr-rat LD50:700 mg/kg CRSBAW 175,496,81
* unk-rat LD50:3350 mg/kg EQSSDX 3,618,75
* orl-mus LD50:6500 mg/kg CRSBAW 175,496,81
ipr-mus LD50:2600 mg/kg CRSBAW 175,496,81
orl-rbt LD50:5000 mg/kg PAREAQ 14,225,62
unk-mam LD50:3000 mg/kg 30ZDA9 -,200,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73; RREVAM 63,1,76
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 12,55,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FD8520000 CARBANILIC ACID, p-CHLORO-, 2-(METHYLPHENETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 369.32 MOLFM: C18-H21-Cl-N2-O2 Cl-H
SYN: p-CHLOROCARBANILIC ACID 2-(METHYLPHENETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD8522000 CARBANILIC ACID, m-CHLORO-, 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 383.35 MOLFM: C19-H23-Cl-N2-O2 Cl-H
SYN: m-CHLOROCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD8523000 CARBANILIC ACID, p-CHLORO-, 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 383.35 MOLFM: C19-H23-Cl-N2-O2 Cl-H
SYN: p-CHLOROCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD8587000 CARBANILIC ACID, p-CHLOROTHIO-, O-(p-CHLOROPHENYL) ESTER
UPDT:8408 CAS: 17710-62-2 MW: 298.19 MOLFM: C13-H9-Cl2-N-O-S
SYN: p-CHLOROPHENYL N-(4'-CHLOROPHENYL)THIOCARBAMATE * p-CHLOROTHIOCARBANILIC ACID O-(p-CHLOROPHENYL) ESTER

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2161 mg/kg YKKZAJ 88,465,68
* ipr-mus LD50:426 mg/kg YKKZAJ 88,465,68
* scu-mus LD50:462 mg/kg YKKZAJ 88,465,68

FD8691000 CARBANILIC ACID, 3,4-DICHLORODITHIO-, ETHYL ESTER
UPDT:8407 CAS: 13037-37-1 MW: 266.21 MOLFM: C9-H9-Cl2-N-S2
SYN: S-AETHYL-N-(3,4-DICHLOR.PHENYL)-DITHIOCARBAMAT (German) * 3,4-DICHLORODITHIOCARBANILIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:200 mg/kg ARZNAD 16,1092,66

FD8692000 CARBANILIC ACID, 3,4-DICHLORODITHIO-, GLYCOLATE
UPDT:8407 CAS: 73623-06-0 MW: 296.19 MOLFM: C9-H7-Cl2-N-O2-S2
SYN: 3,4-DICHLORODITHIOCARBANILIC ACID GLYCOLATE * S-(3,4-DICHLOR-PHENYL-THIOCARBAMOYL)-THIOGLYKOLSAEURE (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:150 mg/kg ARZNAD 16,1092,66

FD8693000 CARBANILIC ACID, 3,4-DICHLORODITHIO-, METHYL ESTER
UPDT:8407 CAS: 13037-36-0 MW: 252.18 MOLFM: C8-H7-Cl2-N-S2
SYN: 3,4-DICHLORODITHIOCARBANILIC ACID METHYL ESTER * S-METHYL-N-(3,4-DICHLOR-PHENYL)-DITHIOCARBAMAT (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:100 mg/kg ARZNAD 16,1092,66

FD8697000 CARBANILIC ACID, 2,4-DICHLORO-, 3-IODO-2-PROPYNYL ESTER
UPDT:8306 CAS: BT466-80-0 MW: 369.97 MOLFM: C10-H6-Cl2-I-N-O2
SYN: 2,4-DICHLOROCARBANILIC ACID 3-IODO-2-PROPYNYL ESTER * 3-IODO-2-PROPYNYL 2,4-DICHLOROPHENYLCARBAMATE

TOXICITY DATA AND REFERENCES:
3F03K01R20 scu-mus LD50:2200 mg/kg FAVUAI 13,50,81

FD8750000 CARBANILIC ACID, 3,4-DICHLORO-, METHYL ESTER
UPDT:8310 CAS: 1918-18-9 MW: 220.06 MOLFM: C8-H7-Cl2-N-O2
SYN: CARBAMIC ACID, (3,4-DICHLOROPHENYL)-, METHYL ESTER * MCC * METHYL 3,4-DICHLOROCARBANILATE * METHYL N-(3,4-DICHLOROPHENYL) CARBAMATE * N.A. 2995 * NIA 2995 * SWEP

TOXICITY DATA AND REFERENCES:
orl-rat LD50:522 mg/kg GUCHAZ 6,477,73
skn-rbt LD50:2480 mg/kg WRPCA2 9,119,70

FD8757510 CARBANILIC ACID, p-(2-(DIETHYLAMINO)ETHOXY)-, BENZYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 378.94 MOLFM: C20-H26-N2-O3 Cl-H
SYN: p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID BENZYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:52 mg/kg COREAF 240,1586,55

FD8757520 CARBANILIC ACID, p-(2-(DIETHYLAMINO)ETHOXY)-, BUTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 344.93 MOLFM: C17-H28-N2-O3 Cl-H
SYN: p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID BUTYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:55 mg/kg COREAF 240,1586,55

FD8757530 CARBANILIC ACID, p-(2-(DIETHYLAMINO)ETHOXY)-, DECYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 429.11 MOLFM: C23-H40-N2-O3 Cl-H
SYN: p-(2-(DIETHYLAMINO)-ETHOXY)CARBANILIC ACID DECYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:75 mg/kg COREAF 240,1586,55

FD8757540 CARBANILIC ACID, p-(2-(DIETHYLAMINO)ETHOXY)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 316.87 MOLFM: C15-H24-N2-O3 Cl-H
SYN: p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:70 mg/kg COREAF 240,1586,55

FD8757550 CARBANILIC ACID, p-(2-(DIETHYLAMINO)ETHOXY)-, HEPTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 387.02 MOLFM: C20-H34-N2-O3 Cl-H
SYN: p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID HEPTYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:42 mg/kg COREAF 240,1586,55

FD8757560 CARBANILIC ACID, p-(2-(DIETHYLAMINO)ETHOXY)-, HEXYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 372.99 MOLFM: C19-H32-N2-O3 Cl-H
SYN: p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID HEXYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg COREAF 240,1586,55

FD8757570 CARBANILIC ACID, p-(2-(DIETHYLAMINO)ETHOXY)-, ISOBUTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 344.93 MOLFM: C17-H28-N2-O3 Cl-H
SYN: p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID ISOBUTYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:63 mg/kg COREAF 240,1586,55

FD8757580 CARBANILIC ACID, p-(2-(DIETHYLAMINO)ETHOXY)-, OCTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 401.05 MOLFM: C21-H36-N2-O3 Cl-H
SYN: p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID OCTYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:43 mg/kg COREAF 240,1586,55

FD8757590 CARBANILIC ACID, p-(2-(DIETHYLAMINO)ETHOXY)-, PENTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 358.96 MOLFM: C18-H30-N2-O3 Cl-H

BEST COPY AVAILABLE

SYN: p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID PENTYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:45 mg/kg COREAF 240,1586,55

FD8757600 CARBANILIC ACID, p-(2-(DIETHYLAMINO)ETHOXY)-, PHENETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 392.97 MOLFM: C21-H28-N2-O3 Cl-H
SYN: p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID PHENETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:52 mg/kg COREAF 240,1586,55

FD8757610 CARBANILIC ACID, p-(2-(DIETHYLAMINO)ETHOXY)-, PROPYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 330.90 MOLFM: C16-H26-N2-O3 Cl-H
SYN: p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID PROPYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:55 mg/kg COREAF 240,1586,55

FD8757620 CARBANILIC ACID, p-(2-(DIETHYLAMINO)ETHOXY)-, TETRADECYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 485.23 MOLFM: C27-H48-N2-O3 Cl-H
SYN: p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID TETRADECYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:95 mg/kg COREAF 240,1586,55

FD8757630 CARBANILIC ACID, p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)-, BENZYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 405.97 MOLFM: C21-H27-N3-O3 Cl-H
SYN: p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID BENZYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:40 mg/kg COREAF 239,1440,54

FD8757640 CARBANILIC ACID, p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)-, BUTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 371.96 MOLFM: C18-H29-N3-O3 Cl-H
SYN: p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID BUTYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:22500 ug/kg COREAF 239,1440,54

FD8757650 CARBANILIC ACID, p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 343.90 MOLFM: C16-H25-N3-O3 Cl-H
SYN: p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:28 mg/kg COREAF 239,1440,54

FD8757655 CARBANILIC ACID, p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)-, HEPTYL ESTER, MONOHYDROCHLORIDE
UPDT:8308 MW: 414.05 MOLFM: C21-H35-N3-O3 Cl-H
SYN: p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID HEPTYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:24 mg/kg AIFTAK 112,36,57

FD8757660 CARBANILIC ACID, p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)-, HEXYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 400.02 MOLFM: C20-H33-N3-O3 Cl-H
SYN: p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID HEXYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:28 mg/kg COREAF 239,1440,54

FD8757670 CARBANILIC ACID, p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)-, ISOBUTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 371.96 MOLFM: C18-H29-N3-O3 Cl-H
SYN: p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID ISOBUTYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg COREAF 239,1440,54

FD8757680 CARBANILIC ACID, p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)-, METHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 329.87 MOLFM: C15-H23-N3-O3 Cl-H
SYN: p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID METHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:120 mg/kg COREAF 239,1440,54

FD8757690 CARBANILIC ACID, p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)-, PENTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 385.99 MOLFM: C19-H31-N3-O3 Cl-H
SYN: p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID PENTYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg COREAF 239,1440,54

CARBANILIC ACID, 2-DIETHYLAMINOETHYL ESTER see: KK5230000

FD8757700 CARBANILIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8309 MW: 272.81 MOLFM: C13-H20-N2-O2 Cl-H
SYN: AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, CARBANILATE * 2-(DIETHYLAMINO)ETHYL CARBANILATE HYDROCHLORIDE * DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE CARBANILATE * 1351 HC

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:48 mg/kg COREAF 251,3119,60

CARBANILIC ACID, alpha-(DIETHYLAMINOMETHYL)PHENETHYL ESTER, HYDROCHLORIDE see: SQ7895000

FD8759550 CARBANILIC ACID, N-(2-(DIMETHYLAMINO)ETHYL)-, ETHYL ESTER
UPDT:8408 MW: 236.35 MOLFM: C13-H20-N2-O2
SYN: N-(2-(DIMETHYLAMINO)ETHYL)CARBANILIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:475 mg/kg YKKZAJ 83,62,63

FD8759700 CARBANILIC ACID, N-(2-(DIMETHYLAMINO-1-METHYLETHYL)-, ETHYL ESTER
UPDT:8408 MW: 250.38 MOLFM: C14-H22-N2-O2
SYN: N-(2-(DIMETHYLAMINO-1-METHYLETHYL)CARBANILIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:275 mg/kg YKKZAJ 83,62,63

FD8759900 CARBANILIC ACID, N-(2-(DIMETHYLAMINO)PROPYL)-, ETHYL ESTER
UPDT:8408 MW: 250.38 MOLFM: C14-H22-N2-O2
SYN: N-(2-(DIMETHYLAMINO)PROPYL)CARBANILIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:350 mg/kg YKKZAJ 83,62,63

FD8785000 CARBANILIC ACID, N-(DIMETHYLCARBAMOYLMETHYL)-, ETHYL ESTER
UPDT:8410 MW: 250.33 MOLFM: C13-H18-N2-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:370 mg/kg YKKZAJ 81,659,61

FD8802000 CARBANILIC ACID, 2,6-DIMETHYL-, 2-HYDROXY-3-PIPERIDINOPROPYL ESTER, CARBANILATE, HYDROCHLORIDE
UPDT:8406 MW: 462.04 MOLFM: C24-H31-N3-O4 Cl-H
SYN: 2,6-DIMETHYLCARBANILIC ACID 2-HYDROXY-3-PIPERIDINOPROPYL ESTER CARBANILATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:430 mg/kg JAPMA8 48,398,59

FD8892100 CARBANILIC ACID, DITHIO-p-ETHOXY-, METHYL ESTER
UPDT:8407 CAS: 13037-23-5 MW: 227.36 MOLFM: C10-H13-N-O-S2
SYN: DITHIO-p-ETHOXYCARBANILIC ACID METHYL ESTER * S-METHYL-N-(4-AETHOXY-PHENYL)-DITHIOCARBAMAT (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:300 mg/kg ARZNAD 16,1092,66

FD8892150 CARBANILIC ACID, DITHIO-, ETHYL ESTER
UPDT:8407 CAS: 13037-20-2 MW: 197.33 MOLFM: C9-H11-N-S2
SYN: S-AETHYL-N-PHENYL-DITHIOCARBAMAT (German) * DITHIOCARBANILIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:300 mg/kg ARZNAD 16,1092,66

FD8892250 CARBANILIC ACID, DITHIO-, METHYL ESTER
UPDT:8407 CAS: 701-73-5 MW: 183.30 MOLFM: C8-H9-N-S2
SYN: CARBAMODITHOIC ACID, PHENYL-, METHYL ESTER (9CI) * ENT 31472 * METHYL DITHIOCARBANILATE * METHYL PHENYLDITHIOCARBAMATE

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:200 mg/kg ARZNAD 16,1092,66
* ivn-mus LD50:180 mg/kg CSLNX* NX#04529

FD8892300 CARBANILIC ACID, DITHIO-p-NITRO-, ETHYL ESTER
UPDT:8407 CAS: 13037-41-7 MW: 242.33 MOLFM: C9-H10-N2-O2-S2
SYN: S-AETHYL-N-(4-NITRO-PHENYL)-DITHIOCARBAMAT (German) * DITHIO-p-NITROL ARBANILIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:400 mg/kg ARZNAD 16,1092,66

FD8892350 CARBANILIC ACID, DITHIO-m-NITRO-, GLYCOLATE
UPDT:8407 CAS: 73623-12-8 MW: 272.31 MOLFM: C9-H8-N2-O4-S2
SYN: DITHIO-m-NITROCARBANILIC ACID GLYCOLATE * S-(3-NITRO PHENYL THIOCARBAMOYL) THIOGLYKOLSAEURE (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:300 mg/kg ARZNAD 16,1092,66

FD8892400 CARBANILIC ACID, DITHIO-p-NITRO-, GLYCOLATE
UPDT:8407 CAS: 73623-13-9 MW: 272.31 MOLFM: C9-H8-N2-O4-S2
SYN: DITHIO-p-NITROCARBANILIC ACID GLYCOLATE * S-(4-NITRO-PHENYL THIOCARBAMOYL) THIOGLYKOLSAEURE (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:300 mg/kg ARZNAD 16,1092,66

FD8892430 CARBANILIC ACID, DITHIO-m-NITRO-, METHYL ESTER
UPDT:8407 CAS: 13037-42-8 MW: 228.30 MOLFM: C8-H8-N2-O2-S2
SYN: DITHIO-m-NITROCARBANILIC ACID METHYL ESTER * S-METHYL-N-(3-NITRO-PHENYL)-DITHIOCARBAMAT (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:400 mg/kg ARZNAD 16,1092,66

FD8892435 CARBANILIC ACID, DITHIO-p-NITRO-, METHYL ESTER
UPDT:8407 CAS: 13037-40-6 MW: 228.30 MOLFM: C8-H8-N2-O2-S2
SYN: DITHIO-p-NITROCARBANILIC ACID METHYL ESTER * S-METHYL-N-(4-NITRO-PHENYL)-DITHIOCARBAMAT (German)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:400 mg/kg ARZNAD 16,1092,66

FD8892440 CARBANILIC ACID, DITHIO-, TRIMETHYLSILYL ESTER
UPDT:8305 CAS: 71456-94-5 MW: 241.47 MOLFM: C10-H15-N-S2-Si
SYN: CARBAMODITHOIC ACID * DITHIOCARBANILIC ACID TRIMETHYLSILYL ESTER

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg INDRBA 16,231,79

FD8892800 CARBANILIC ACID, o-ETHOXY-, 2-HYDROXY-3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 358.91 MOLFM: C17-H26-N2-O4 Cl-H
SYN: o-ETHOXYCARBANILIC ACID 2-HYDROXY-3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE * 1,2-PROPANEDIOL, 3-PIPERIDINO-, 1-o-ETHOXYCARBANILATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:690 mg/kg JAPMA8 48,398,59

FD8892900 CARBANILIC ACID, p-ETHOXY-, ISOPROPYL ESTER
UPDT:8406 CAS: 73623-14-0 MW: 223.30 MOLFM: C12-H17-N-O3
SYN: p-ETHOXYCARBANILIC ACID ISOPROPYL ESTER

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 mg/kg CSLNX* NX#02894

FD8900000 CARBANILIC ACID, (1-ETHYLCARBAMOYL)ETHYL ESTER, D-(-)-
UPDT:8309 CAS: 16118-49-3 MW: 236.30 MOLFM: C12-H-g-N2-O3
SYN: CARBETAMEX * CARBETAMIDE * D-N-ETHYLACETAMIDE CARBANILATE * D-(-)-1-(ETHYLCARBAMOYL)ETHYL PHENYLCARBAMATE * D N-ETHYLLACTAMIDE CARBANILATE (ester) * (R)-N-ETHYL 2-((PHENYLAMINO)CARBONYL)OXY)PROPANAMIDE * LEGUAME * 2-PHENYL CARBAMOYLOXY-N-AETHYL PROPIONAMID (German) * (PHENYLCARBAMOYLOXY)-2-N-ETHYLPROPIONAMIDE * N-PHENYL-1-(ETHYLCARBAMOYL-1)-ETHYLCARBAMATE D isomer * 11,561 RP

TOXICITY DATA AND REFERENCES:
orl-rat LD50:11000 mg/kg 85ARAE 2,83,77
orl-mus LD50:1200 mg/kg GUCHAZ 6,80,73
orl-dog LD50:900 mg/kg GUCHAZ 6,80,73

FD8925000 CARBANILIC ACID, ETHYL ESTER
UPDT:8405 CAS: 101-99-5 MW: 165.21 MOLFM: C9-H11-N-O2
SYN: EPC (the plant regulator) * ETHYL CARBANILATE * ETHYL-N-PHENYLCARBAMATE * EUPHORIN * KEIMSTOP * PHENYLETHYL CARBAMATE * PHENYLURETHANE) * N-PHENYLURETHANE * URETHAN, PHENYL-

MUTATION DATA AND REFERENCES:
cyt-smc 12 mmol/tube MEREAY 33,457,47

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:20 gm/kg/2W-I BJCAAI 9,177,55
2V02R60 skn-mus TD :72 gm/kg/15W-I BJCAAI 10,363,56

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:350 mg/kg HBTXAC 5,45,59
ivn-mus LD50:400 mg/kg HBTXAC 5,45,59

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983.
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FD8927700 CARBANILIC ACID, N-ETHYL-m-(HEXYLOXY)-, 1-METHYL-2-PIPERIDINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8403 CAS: 52205-55-7 MW: 427.09 MOLFM: C23-H38-N2-O3 Cl-H
SYN: N-ETHYL-m-(HEXYLOXY)CARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2C17E15 unk-mam LD50:545 mg/kg PHARAT 29,206,74

FD8930000 CARBANILIC ACID, N-ETHYL-m-(PENTYLOXY)-, 1-METHYL-2-PIPERIDINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8403 CAS: 52205-54-6 MW: 413.06 MOLFM: C22-H36-N2-O3 Cl-H
SYN: N-ETHYL-m-(PENTYLOXY)CARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2C17E15 unk-mam LD50:402 mg/kg PHARAT 29,206,74

FD8940000 CARBANILIC ACID, N-ETHYL-m-(PENTYLOXY)-, 2-PIPERIDINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 CAS: 52224-30-3 MW: 399.03 MOLFM: C21-H34-N2-O3 Cl-H
SYN: CARBAMIC ACID, ETHYL(3-(PENTYLOXY)PHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER MONOHYDROCHLORIDE * N-ETHYL-m-(PENTYLOXY)CARBANILIC ACID 2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE * 1-ETHYNYLCYCLOHEXYL CARBANILATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#04963
2C17E15 unk-mam LD50:248 mg/kg PHARAT 29,206,74

FD8940100 CARBANILIC ACID, p-FLUORO-, 4-PYRIDYLMETHYL ESTER
UPDT:8306 CAS: 4867-61-2 MW: 246.26 MOLFM: C13-H11-F-N2-O2
SYN: p-FLUOROCARBANILIC ACID 4-PYRIDYLMETHYL ESTER

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg CHTPBA 1,164,66

BEST COPY AVAILABLE

FD8940400 CARBANILIC ACID, o-(HEPTYLOXY)-, 2-(DIETHYLAMINO)-1-METHYLETHYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 68931-03-3 MW: 401.05 MOLFM: C21-H36-N2-O3 Cl-H
SYN: BK-95 * CARBAMIC ACID, (2-(HEPTYLOXY)PHENYL)-, 2-(DIETHYLAMINO)-1-METHYLETHYL ESTER, HYDROCHLORIDE * o-(HEPTYLOXY)CARBANILIC ACID 2-(DIETHYLAMINO)-1-METHYLETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:400 mg/kg CKFRAY 27,167,78

FD8940050 CARBANILIC ACID, o-(HEPTYLOXY)-, 2-(2,4-DIMETHYLPIPERIDINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 65720-18-5 MW: 427.09 MOLFM: C23-H38-N2-O3 Cl-H
SYN: BK-54 * o-(HEPTYLOXY)CARBANILIC ACID 2-(2,4-DIMETHYLPIPERIDINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:400 mg/kg CKFRAY 27,167,78

FD8942100 CARBANILIC ACID, o-(HEPTYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 65720-16-3 MW: 427.09 MOLFM: C23-H38-N2-O3 Cl-H
SYN: BK-58 * CARBAMIC AC.), (2-(HEPTYLOXY)PHENYL)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE * o-(HEPTYLOXY)CARBANILIC ACID
TOXICITY DATA AND REFERENCES:
* scu-gpg LD50:200 mg/kg CKFRAY 27,167,78

FD8942150 CARBANILIC ACID, o-(HEPTYLOXY)-, 1-METHYL-2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 68931-01-1 MW: 413.06 MOLFM: C22-H36-N2-O3 Cl-H
SYN: BK-48 * CARBAMIC ACID, (2-(HEPTYLOXY)PHENYL)-, 1-METHYL-2-(1-PIPERIDINYL)ETHYL ESTER HYDROCHLORIDE * o-(HEPTYLOXY)CARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:600 mg/kg CKFRAY 27,167,78

FD8942200 CARBANILIC ACID, m-HEPTYLOXY-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 399.02 MOLFM: C21-H34-N2-O3 Cl-H
SYN: m-HEPTYLOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE * N-(2-(3-HEPTYLOXYPHENYLCARBAMOYLOXY)ETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:85 mg/kg ARZNAD 32,1032,82

FD8942250 CARBANILIC ACID, p-HEPTYLOXY-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 399.03 MOLFM: C21-H34-N2-O3 Cl-H
SYN: p-HEPTYLOXYCARBANILIC ACID, 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE * N-(2-(4-HEPTYLOXYPHENYLCARBAMOYLOXY)ETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 mg/kg ARZNAD 32,1032,82

FD8942300 CARBANILIC ACID, o-(HEPTYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 65720-13-0 MW: 413.06 MOLFM: C22-H36-N2-O3 Cl-H
SYN: BK-53 * CARBAMIC ACID, (2-(HEPTYLOXY)PHENYL)-, 3-(1-PIPERIDINYL)PROPYL ESTER, HYDROCHLORIDE * o-(HEPTYLOXY)CARBANILIC ACID 3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:200 mg/kg CKFRAY 27,167,78

FD8942400 CARBANILIC ACID, o-(HEPTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, OXALATE (1:1)
UPDT:8408 CAS: 68931-07-7 MW: 452.61 MOLFM: C21-H34-N2-O3 C2-H2-O4
SYN: BK-66 * CARBAMIC ACID, (2-(HEPTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, ETHANEDIOATE (1:1) * o-(HEPTYLOXY)CARBANILIC ACID 3-(1-PYRROLIDINYL)PROPYL ESTER OXALATE (1:1)
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:100 mg/kg CKFRAY 27,167,78

FD8943800 CARBANILIC ACID, o-(HEXYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 65720-15-2 MW: 413.06 MOLFM: C22-H36-N2-O3 Cl-H
SYN: BK-59 * CARBAMIC ACID, (2-(HEXYLOXY)PHENYL)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE * o-(HEXYLOXY)CARBANILIC ACID 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LD50:100 mg/kg CKFRAY 27,167,78

FD8944000 CARBANILIC ACID, o-(HEXYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 65720-12-9 MW: 399.03 MOLFM: C21-H34-N2-O3 Cl-H
SYN: BK-41 * CARBAMIC ACID, (2-(HEXYLOXY)PHENYL)-, 3-(1-PIPERIDINYL)PROPYL ESTER, HYDROCHLORIDE * o-(HEXYLOXY)CARBANILIC ACID 3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:100 mg/kg CKFRAY 27,167,78

FD8944500 CARBANILIC ACID, o-(HEXYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 68931-05-5 MW: 385.00 MOLFM: C20-H32-N2-O3 Cl-H
SYN: BK-65 * CARBAMIC ACID, (2-(HEXYLOXY)PHENYL)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, MONOHYDROCHLORIDE * o-(HEXYLOXY)CARBANILIC ACID 3-(1-PYRROLIDINYL)PROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:50 mg/kg CKFRAY 27,167,78

FD8950000 CARBANILIC ACID, N-ETHYL-m-PROPOXY-, 1-METHYL-2-PIPERIDINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 CAS: 52205-65-9 MW: 385.00 MOLFM: C20-H32-N2-O3 Cl-H
SYN: p-AMINOPHENYL p-HYDROXYCARBANILATE * O-(p-AMINOPHENYL) (p-HYDROXYPHENYL)URETHAN * N-ETHYL-m-PROPOXYCARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#01386
2C17E15 unk-mam LD50:162 mg/kg PHARAT 29,206,74

FD8960000 CARBANILIC ACID, N-ETHYL-m-PROPOXY-, 2-PIPERIDINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8404 CAS: 52205-64-8 MW: 370.97 MOLFM: C19-H30-N2-O3 Cl-H
SYN: CARBAMIC ACID, ETHYL(3-PROPOXYPHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER, MONOHYDROCHLORIDE * N-ETHYL-m-PROPOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2C17E15 unk-mam LD50:215 mg/kg PHARAT 29,206,74

CARBANILIC ACID, 4-HYDROXY-2-ISOPROPYL-, METHYL ESTER, METHYLCARBAMATE (ester) (BCI)
see: FD9275000

FD9050000 CARBANILIC ACID, m-HYDROXY-, METHYL ESTER, m-METHYLCARBANILATE
UPDT:8405 CAS: 13684-63-4 MW: 300.34 MOLFM: C16-H16-N2-O4
SYN: BETANAL * CARBAMIC ACID, (3-METHYLPHENYL)-, 3-((METHOXYCARBONYL)AMINO)PHENYL ESTER (9CI) * EP 452 * FENMEDIPHAM * m-HYDROXYCARBANILIC ACID, METHYL ESTER, m-METHYLCARBANILATE * 3-METHOXYCARBONYLAMINOPHENYL N-3-METHYLPHENYLCARBAMATE * METHYL m-HYDROXYCARBANILATE, m-METHYLCARBANILATE * 3-((METHYLPHENYL)CARBAMIC ACID 3-((METHOXYCARBONYL)AMINO)PHENYL ESTER * METHYL 3-(m-TOLYLCARBAMOYLOXY)PHENYLCARBAMATE * PHENMEDIPHAM * SCHERING-38584 * SN 4075 * SN 38584
MUTATION DATA AND REFERENCES:
sln-asn 40 mg/l EVHPAZ 31,81,79
cyt-mus-unk 100 mg/kg TGANAK 14(6),41,80
cyt-mus-orl 100 mg/kg CYGFDX 14(6),38,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8000 mg/kg BSAR*E 2,84,77
* unk-rat LD50:800 mg/kg GTPZAB 26(6),21,82
unk-mam LD50:3000 mg/kg 30ZDA9 -,204,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, DTTIAF 80(20),485,73
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

FD9052000 CARBANILIC ACID, m-HYDROXY-, METHYL ESTER, m-METHYLCARBANILATE (ester), mixed with m-HYDROXY CARBANILIC ACID, ETHYL ESTER, CARBANILATE (ester) (1:1)
UPDT:8309 MW: 600.68 MOLFM: C16-H16-N2-O4 C16-H16-N2-O4
SYN: BETAMIX * DESMEDIPHAM and PHENMEDIPHAM (1:1) * PHENMEDIPHAM and DESMEDIPHAM (1:1)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4100 mg/kg FMCHA2 -,C30,83

FD9079000 CARBANILIC ACID, 2-HYDROXY-3-(o-TOLYLOXY)PROPYL ESTER
UPDT:8309 MW: 301.37 MOLFM: C17-H19-N-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:660 mg/kg YKKZAJ 76,880,56

FD9100000 CARBANILIC ACID, ISOPROPYL ESTER
UPDT:8408 CAS: 122-42-9 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: BAN-HOE * BEET-KLEEN * CHEM-HOE * IFC * IFK * INPC * IPC * IPPC * ISO.PPC * ISOPROPIL N-FENIL CARBAMMATO (Italian) * ISOPROPYL CARBANILATE * ISOPROPYL CARBANILIC ACID ESTER * ISOPROPYL N-FENYL-CARBAMAAT (Dutch) * ISOPROPYL-N-PHENYL CARBAMAT (German) * ISOPROPYL PHENYLCARBAMATE * ISOPROPYL N-PHENYLCARBAMATE * O-ISOPROPYL N-PHENYL CARBAMATE * ISOPROPYL N-PHENYLURETHAN (German) * ORTHO-GRASS KILLER * N-PHENYLCARBAMATE D'ISOPROPYLE (French) * N-PHENYLCARBANIC ACID, ISOPROPYL ESTER * PHENYLCARBAMIC ACID, 1-METHYLETHYL ESTER * N-PHENYL ISOPROPYL CARBAMATE * PREMALOX * PROFAM * PROPHAM * PROPHAME * TRIHERBIDE * TRIHERBIDE IPC * TUBERIT * TUBERITE * USAF D-9 * Y-2
MUTATION DATA AND REFERENCES:
cyt-omi 550 umol/L JCLBA3 63,84,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3131734142 scu-mus TDLo:7650 mg/kg (6-14D preg) NTIS** PB223-160
1T43 scu-mus TDLo:7650 mg/kg (6-14D preg) NTIS** PB223-160
TUMORIGENIC DATA AND REFERENCES:
2V02R60 orl-mus TDLo:6 gm/kg/10W-I BJCAAI 12,355,58
TOXICITY DATA AND REFERENCES:
* orl-hmn LDLo:714 mg/kg CRSBAW 175,496,81
* orl-rat LD50:1000 mg/kg RREVAH 10,97,65
* ipr-rat LD50:600 mg/kg CRSBAW 175,496,81
orl-mus LD50:3000 mg/kg PCOC** -,937,66
ipr-mus LD50:200 mg/kg NTIS** AD277-689
unk-mam LD50:1000 mg/kg 30ZDA9 -,199,71
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 12,189,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FD9275000 CARBANILIC ACID, 2-ISOPROPYL-4-(N-METHYLCARBAMOYLOXY)-, METHYL ESTER
UPDT:8307 CAS: 13613-99-5 MW: 266.33 MOLFM: C13-H18-N2-O4
SYN: CARBAMIC ACID, (4-((METHYLAMINO)CARBONYL)OXY)-2-(1-METHYLETHYL)PHENYL)-, METHYL ESTER (9CI) * CARBAHILIC ACID, 4-HYDROXY-2-ISOPROPYL-, METHYL ESTER, METHYLCARBAMATE (ester) (8CI) * ENT 27,393 * METHYL 2-ISOPROPYL-4-(METHYLCARBAMOYLOXY)CARBANILATE * UC 30,045 * UNION CARBIDE UC 30045
TOXICITY DATA AND REFERENCES:
orl-rat LD50:27 mg/kg 28ZEAL 4,280,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FD9276000 CARBANILIC ACID, p-METHOXY-, 2-(BENZYLMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 350.88 MOLFM: C18-H22-N2-O3 Cl-H
SYN: p-METHOXYCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD9290000 CARBANILIC ACID, 2-METHOXYDITHIO-, TRIMETHYLSILYL ESTER
UPDT:8305 CAS: 71456-97-8 MW: 271.50 MOLFM: C11-H17-N-O-S2-Si
SYN: CARBAMODITHOIC ACID, (2-METHOXYPHENYL)-, TRIMETHYLSILYL ESTER * 2-METHOXYDITHIOCARBANILIC ACID TRIMETHYLSILYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg INDRBA 16,231,79

FD9300200 CARBANILIC ACID, m-METHOXY-, 1-(HYDROXYMETHYL)-2-PIPERIDINOETHYL ESTER, CARBANILATE, HYDROCHLORIDE
UPDT:8406 MW: 464.01 MOLFM: C23-H29-N3-O5 Cl-H
SYN: m-METHOXYCARBANILIC ACID 1-(HYDROXYMETHYL)-2-PIPERIDINOETHYL ESTER CARBANILATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:1340 mg/kg JAPMA8 48,398,59

FD9300300 CARBANILIC ACID, o-METHOXY-, 2-HYDROXY-3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 344.88 MOLFM: C16-H24-N2-O4 Cl-H
SYN: o-METHOXYCARBANILIC ACID 2-HYDROXY-3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE * 1,2-PROPANEDIOL, 3-PIPERIDINO-, 1-o-METHOXYCARBANILATE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:920 mg/kg JAPMA8 48,398,59

FD9302800 CARBANILIC ACID, p-METHOXY-, 2-(METHYLPHENETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 364.91 MOLFM: C19-H24-N2-O3 Cl-H
SYN: p-METHOXYCARBANILIC ACID 2-(METHYLPHENETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD9303000 CARBANILIC ACID, p-METHOXY-, 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 378.94 MOLFM: C20-H26-N2-O3 Cl-H
SYN: p-METHOXYCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD9303500 CARBANILIC ACID, p-METHOXY-, 4-PYRIDYLMETHYL ESTER
UPDT:8306 CAS: 4982-76-7 MW: 258.30 MOLFM: C14-H14-N2-O3
SYN: p-METHOXYCARBANILIC ACID 4-PYRIDYLMETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:65 mg/kg CHTPBA 1,164,66

FD9307000 CARBANILIC ACID, m-METHYL-, 2-(BENZYLMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 334.88 MOLFM: C18-H22-N2-O2 Cl-H
SYN: m-METHYLCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

BEST COPY AVAILABLE

FD9308000 CARBANILIC ACID, p-METHYL-, 2-(BENZYLMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT 8406 MW: 334.88 MOLFM: C18 H22 N2 O2 . Cl H
SYN: p-METHYLCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD9315000 CARBANILIC ACID, 4-METHYLDITHIO-, TRIMETHYLSILYL ESTER
UPDT 8305 CAS: 71456-95-6 MW: 255.50 MOLFM: C11 H17 N S2 Si
SYN: CARBAMODITHIOIC ACID, (4-METHYLPHENYL)-, TRIMETHYL ESTER * 4-METHYLDITHIOCARBANILIC ACID TRIMETHYLSILYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg INDRBA 16,231,79

FD9320000 CARBANILIC ACID, o-METHYL-, N-ETHYL-3-PIPERIDINYL ESTER
UPDT 8405 CAS: 33531-59-8 MW: 262.39 MOLFM: C15 H22 N2 O2
SYN: FUNGIFOS * o-METHYLCARBANILIC ACID, N-ETHYL-3-PIPERIDINYL ESTER * TOLNICEN
TOXICITY DATA AND REFERENCES:
scu-mus LD50:277 mg/kg JMCMAR 14,710,71
ivn-mus LD50:34 mg/kg JMCMAR 14,710,71
* orl-dog LD50:5000 mg/kg ARZNAD 26,769,76

FD9680000 CARBANILIC ACID, p-METHYL-, 2-(METHYLPHENETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT 8406 MW: 348.91 MOLFM: C19 H24 N2 O2 . Cl H
SYN: p-METHYLCARBANILIC ACID 2-(METHYLPHENETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD9685000 CARBANILIC ACID, m-METHYL-, 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT 8406 MW: 362.94 MOLFM: C20 H26 N2 O2 . Cl H
SYN: m-METHYLCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD9690000 CARBANILIC ACID, p-METHYL-, 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT 8406 MW: 362.94 MOLFM: C20 H26 N2 O2 . Cl H
SYN: p-METHYLCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD9725000 CARBANILIC ACID, N-(1-METHYL-2-MORPHOLINOETHYL)-, ETHYL ESTER
UPDT 8408 MW: 292.42 MOLFM: C16 H24 N2 O3
SYN: N-(1-METHYL-2-MORPHOLINOETHYL)CARBANILIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:275 mg/kg YKKZAJ 83,62,63

FD9730000 CARBANILIC ACID, METHYL-, 1-NAPHTHYL ESTER
UPDT 8308 MW: 277.34 MOLFM: C18 H15 N O2
SYN: METHYLCARBANILIC ACID, 1-NAPHTHYL ESTER * 1-NAPHTHYL N-PHENYL METHYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5190 mg/kg TXAPA9 28,313,74

FD9740500 CARBANILIC ACID, N-METHYL-m-(PENTYLOXY)-, 2-PIPERIDINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT 8403 CAS: 52224-29-0 MW: 385.00 MOLFM: C20 H32 N2 O3 . Cl H
SYN: CARBAMIC ACID, METHYL(3-(PENTYLOXY)PHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER, HYDROCHLORIDE * N-METHYL-m-(PENTYLOXY)CARBANILIC ACID 2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2C17E15 unk-mam LD50:85 mg/kg PHARAT 29,206,74

FD9744000 CARBANILIC ACID, N-(2-(METHYLPHENETHYLAMINO)PROPYL)-, ETHYL ESTER
UPDT 8408 MW: 340.51 MOLFM: C21 H28 N2 O2
SYN: N-(2-(METHYLPHENETHYLAMINO)PROPYL)CARBANILIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:120 mg/kg YKKZAJ 83,62,63

FD9745000 CARBANILIC ACID, N-(1-METHYL-2-PIPERIDINOETHYL)-, ETHYL ESTER
UPDT 8408 MW: 290.45 MOLFM: C17 H26 N2 O2
SYN: N-(1-METHYL-2-PIPERIDINOETHYL)CARBANILIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:537 mg/kg YKKZAJ 83,62,63

FD9746000 CARBANILIC ACID, 3-(2-METHYLPIPERIDINO)PROPYL ESTER, HYDROCHLORIDE
UPDT 8305 CAS: 67196-01-4 MW: 312.88 MOLFM: C16 H24 N2 O2 . Cl H
SYN: 3-(2-METHYLPIPERIDINO)PROPYL CARBANILATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:177 mg/kg JACSAT 68,2592,46
ivn-mus LD50:22 mg/kg JACSAT 68,2592,46

FD9748000 CARBANILIC ACID, N-METHYL-m-PROPOXY-, 2-PIPERIDINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT 8403 CAS: 52205-63-7 MW: 356.94 MOLFM: C18 H28 N2 O3 . Cl H
SYN: CARBAMIC ACID, METHYL(3-PROPOXYPHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER, MONOHYDROCHLORIDE * N-METHYL-m-PROPOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2C17E15 unk-mam LD50:94 mg/kg PHARAT 29,206,74

FD9749000 CARBANILIC ACID, p-METHYL-, 4-PYRIDYLMETHYL ESTER
UPDT 8403 CAS: 4867-60-1 MW: 242.30 MOLFM: C14 H14 N2 O2
SYN: p-METHYLCARBANILIC ACID 4-PYRIDYLMETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg CHTPBA 1,164,66

FD9750000 CARBANILIC ACID, o-(2-METHYL-3-(4(3H)-QUINAZOLINONYL))-, ETHYL ESTER, HYDROCHLORIDE
UPDT 8305 MW: 358.83 MOLFM: C18 H16 N3 O3 . Cl H
SYN: ETHYL o-(2-METHYL-3-(4(3H)-QUINAZOLINONYL)CARBANILATE * 2-METHYL-3-(2-AETHOXYCARBONYLAMINOPHENYL)CHINAZOLIN-4-ON (4)-HYDROCHLORID (German)
TOXICITY DATA AND REFERENCES:
orl-mus LD50:820 mg/kg ARZNAD 13,688,63

FD9755000 CARBANILIC ACID, p-METHYL-, 4-THIOCYANATO-2-BUTYNYL ESTER
UPDT 8305 CAS: 73623-22-0 MW: 260.33 MOLFM: C12 H12 N2 O2 S
SYN: p-METHYLCARBANILIC ACID 4-THIOCYANATO-2-BUTYNYL ESTER * 4-THIOCYANATO-2-BUTYNYL p-METHYLCARBANILATE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:18 mg/kg CSLNX* NX#03008

FD9763000 CARBANILIC ACID, p-(2-(MORPHOLINO)ETHOXY)-, BENZYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 392.92 MOLFM: C20 H24 N2 O4 . Cl H
SYN: p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID BENZYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:115 mg/kg COREAF 240,1586,55

FD9763050 CARBANILIC ACID, p-(2-MORPHOLINOETHOXY)-, 2-BUTOXYETHYL ESTER
UPDT 8311 MW: 366.45 MOLFM: C19 H30 N2 O5
SYN: p-(2-MORPHOLINOETHOXY)CARBANILIC ACID 2-BUTOXYETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg APFRAD 15,303,57

FD9763100 CARBANILIC ACID, p-(2-(MORPHOLINO)ETHOXY)-, BUTYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 358.91 MOLFM: C17 H26 N2 O4 . Cl H
SYN: p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID BUTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:70 mg/kg COREAF 240,1586,55

FD9763110 CARBANILIC ACID, p-(2-MORPHOLINOETHOXY)-, 2-ETHOXYETHYL ESTER
UPDT 8311 MW: 338.45 MOLFM: C17 H26 N2 O5
SYN: p-(2-MORPHOLINOETHOXY)CARBANILIC ACID 2-ETHOXYETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg APFRAD 15,303,57

FD9763130 CARBANILIC ACID, p-(2-MORPHOLINOETHOXY)-, 2-(HEPTYLOXY)ETHYL ESTER
UPDT 8311 MW: 408.60 MOLFM: C22 H36 N2 O5
SYN: p-(2-MORPHOLINOETHOXY)CARBANILIC ACID 2-(HEPTYLOXY)ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:325 mg/kg APFRAD 15,303,57

FD9763140 CARBANILIC ACID, p-(2-MORPHOLINOETHOXY)-, 2-(HEXYLOXY)ETHYL ESTER
UPDT 8311 MW: 394.57 MOLFM: C21 H34 N2 O5
SYN: p-(2-MORPHOLINOETHOXY)CARBANILIC ACID 2-(HEXYLOXY)ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:350 mg/kg APFRAD 15,303,57

FD9763160 CARBANILIC ACID, p-(2-MORPHOLINOETHOXY)-, 2-(PENTYLOXY)ETHYL ESTER
UPDT 8311 MW: 380.54 MOLFM: C20 H32 N2 O5
SYN: p-(2-MORPHOLINOETHOXY)CARBANILIC ACID 2-(PENTYLOXY)ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg APFRAD 15,303,57

FD9763170 CARBANILIC ACID, p-(2-MORPHOLINOETHOXY)-, 2-PROPOXYETHYL ESTER
UPDT 8311 MW: 352.46 MOLFM: C18 H28 N2 O5
SYN: p-(2-MORPHOLINOETHOXY)CARBANILIC ACID 2-PROPOXYETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:275 mg/kg APFRAD 15,303,57

FD9763200 CARBANILIC ACID, p-((2-MORPHOLINOETHYL)CARBAMOYL)-, HEPTYL ESTER, MONOHYDROCHLORIDE
UPDT 8308 MW: 428.03 MOLFM: C21 H33 N3 O4 . Cl H
SYN: p-((2-MORPHOLINOETHYL)CARBAMOYL)CARBANILIC ACID HEPTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:80 mg/kg AIPTAK 112,36,57

FD9763300 CARBANILIC ACID, p-(2-(MORPHOLINO)ETHOXY)-, DECYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 443.09 MOLFM: C23 H38 N2 O4 . Cl H
SYN: p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID DECYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:127 mg/kg COREAF 240,1586,55

FD9763400 CARBANILIC ACID, p-(2-(MORPHOLINO)ETHOXY)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 330.85 MOLFM: C15 H22 N2 O4 . Cl H
SYN: p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:270 mg/kg COREAF 240,1586,55

FD9763600 CARBANILIC ACID, p-(2-(MORPHOLINO)ETHOXY)-, HEPTYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 401.00 MOLFM: C20 H32 N2 O4 . Cl H
SYN: p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID HEPTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:47 mg/kg COREAF 240,1586,55

FD9763700 CARBANILIC ACID, p-(2-(MORPHOLINO)ETHOXY)-, HEXYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 386.97 MOLFM: C19 H30 N2 O4 . Cl H
SYN: p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID HEXYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:53 mg/kg COREAF 240,1586,55

FD9763800 CARBANILIC ACID, p-(2-(MORPHOLINO)ETHOXY)-, ISOBUTYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 358.91 MOLFM: C17 H26 N2 O4 . Cl H
SYN: p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID ISOBUTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:120 mg/kg COREAF 240,1586,55

FD9764100 CARBANILIC ACID, p-(2-(MORPHOLINO)ETHOXY)-, OCTYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 415.03 MOLFM: C21 H34 N2 O4 . Cl H
SYN: p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID OCTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:52 mg/kg COREAF 240,1586,55

FD9764200 CARBANILIC ACID, p-(2-(MORPHOLINO)ETHOXY)-, PENTYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 372.94 MOLFM: C18 H28 N2 O4 . Cl H
SYN: p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID PENTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:63 mg/kg COREAF 240,1586,55

FD9764400 CARBANILIC ACID, p-(2-(MORPHOLINO)ETHOXY)-, PROPYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 344.88 MOLFM: C16 H24 N2 O4 . Cl H
SYN: p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID PROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:145 mg/kg COREAF 240,1586,55

FD9768000 CARBANILIC ACID, p-(3-(MORPHOLINO)PROPOXY)-, BUTYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 372.94 MOLFM: C18 H28 N2 O4 . Cl H
SYN: p-(3-(MORPHOLINO)PROPOXY)CARBANILIC ACID BUTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:92 mg/kg COREAF 240,1586,55

FD9768300 CARBANILIC ACID, p-(3-(MORPHOLINO)PROPOXY)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 344.88 MOLFM: C16 H24 N2 O4 . Cl H
SYN: p-(3-(MORPHOLINO)PROPOXY)CARBANILIC ACID ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:150 mg/kg COREAF 240,1586,55

FD9768500 CARBANILIC ACID, p-(3-(MORPHOLINO)PROPOXY)-, HEXYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 401.00 MOLFM: C20 H32 N2 O4 . Cl H
SYN: p-(3-(MORPHOLINO)PROPOXY)CARBANILIC ACID HEXYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg COREAF 240,1586,55

FD9768800 CARBANILIC ACID, p-(3-(MORPHOLINO)PROPOXY)-, PENTYL ESTER, MONOHYDROCHLORIDE
UPDT 8305 MW: 386.97 MOLFM: C19 H30 N2 O4 . Cl H
SYN: p-(3-(MORPHOLINO)PROPOXY)CARBANILIC ACID PENTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:72 mg/kg COREAF 240,1586,55

BEST COPY AVAILABLE

FD9768900 CARBANILIC ACID, p-(3-(MORPHOLINO)PROPOXY)-, PROPYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 358.91 MOLFM: C17-H26-N2-O4 Cl-H
SYN: p-(3-(MORPHOLINO)PROPOXY)CARBANILIC ACID PROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg COREAF 240,1586,55

FD9768950 CARBANILIC ACID, N-(2-MORPHOLINOPROPYL)-, ETHYL ESTER
UPDT:8408 MW: 292.42 MOLFM: C16-H24-N2-O3
SYN: N-(2-MORPHOLINOPROPYL)CARBANILIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:450 mg/kg YKKZAJ 83,62,63

FD9769000 CARBANILIC ACID, m-NITRO-, 2-(BENZYLMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 365.85 MOLFM: C17-H19-N3-O4 Cl-H
SYN: m-NITROCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD9770000 CARBANILIC ACID, p-NITRO-, 2-(BENZYLMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 365.85 MOLFM: C17-H19-N3-O4 Cl-H
SYN: p-NITROCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD9770100 CARBANILIC ACID, p-NITRO-, 2-(METHYLPHENETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 379.88 MOLFM: C18-H21-N3-O4 Cl-H
SYN: p-NITROCARBANILIC ACID 2-(METHYLPHENETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD9770200 CARBANILIC ACID, m-NITRO-, 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 393.91 MOLFM: C19-H23-N3-O4 Cl-H
SYN: m-NITROCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD9770400 CARBANILIC ACID, p-NITRO-, 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 CAS: 17683-69-1 MW: 393.91 MOLFM: C19-H23-N3-O4 Cl-H
SYN: p-NITROCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

FD9770600 CARBANILIC ACID, N-NITROSO-, ISOPROPYL ESTER
UPDT:8406 MW: 208.24 MOLFM: C10-H12-N2-O3
SYN: N-NITROSOCARBANILIC ACID ISOPROPYL ESTER * NITROSOPROPHAM
MUTATION DATA AND REFERENCES:
mmo-sat 1 ul/plate MUREAV 48,225,77

FD9770800 CARBANILIC ACID, p-NITROTHIO-, O-(p-CHLOROPHENYL) ESTER
UPDT:8408 CAS: 17710-61-1 MW: 308.75 MOLFM: C13-H9-Cl-N2-O3-S
SYN: p-CHLOROPHENYL N-(p-NITROPHENYL)THIOCARBAMATE * p-NITROTHIOCARBANILIC ACID O-(p-CHLOROPHENYL) ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:308 mg/kg YKKZAJ 88,465,68
* scu-mus LD50:589 mg/kg YKKZAJ 88,465,68

FD9771000 CARBANILIC ACID, m-NONYLOXY-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 387.02 MOLFM: C20-H34-N2-O3 Cl-H
SYN: m-NONYLOXYCARBANILIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:100 mg/kg PHARAT 33,509,78

FD9772100 CARBANILIC ACID, o-(NONYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 68931-15-7 MW: 455.15 MOLFM: C25-H42-N2-O3 Cl-H
SYN: BK-71 * CARBAMIC ACID, (2-(NONLYOXY)PHENYL)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE * o-(NONYLOXY)CARBANILIC ACID 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:300 mg/kg CKFRAY 27,167,78

FD9772300 CARBANILIC ACID, o-NONYLOXY-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 427.09 MOLFM: C23-H38-N2-O3 Cl-H
SYN: o-NONYLOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE * N-(2-(2-NONYLOXYPHENYLCARBAMOYLOXY)ETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 mg/kg ARZNAD 32,1032,82

FD9772400 CARBANILIC ACID, o-(NONYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 69138-19-8 MW: 441.12 MOLFM: C24-H40-N2-O3 Cl-H
SYN: BK-70 * CARBAMIC ACID, (2-(NONLOXY)PHENYL)-, 3-(1-PIPERIDINYL)PROPYL ESTER HYDROCHLORIDE * o-(NONYLOXY)CARBANILIC ACID 3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:100 mg/kg CKFRAY 27,167,78

FD9774200 CARBANILIC ACID, o-(OCTYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER, HYDROCHLORIDE
UPDT:8412 CAS: 65720-17-4 MW: 441.12 MOLFM: C24-H40-N2-O3 Cl-H
SYN: BK-62 * CARBAMIC ACID, (2-(OCTYLOXY)PHENYL)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE * o-(OCTYLOXY)CARBANILIC ACID 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LD50:200 mg/kg CKFRAY 27,167,78

FD9774400 CARBANILIC ACID, o-(OCTYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 65720-14-1 MW: 427.09 MOLFM: C23-H38-N2-O3 Cl-H
SYN: BK-51 * CARBAMIC ACID, (2-(OCTYLOXY)PHENYL)-, 3-(1-PIPERIDINYL)PROPYL ESTER HYDROCHLORIDE * o-(OCTYLOXY)CARBANILIC ACID 3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:100 mg/kg CKFRAY 27,167,78

FD9774600 CARBANILIC ACID, o-(OCTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, OXALATE (1:1)
UPDT:8408 CAS: 68931-09-9 MW: 466.64 MOLFM: C22-H36-N2-O3 C2-H2-O4
SYN: BK-67 * CARBAMIC ACID, (2-(OCTYLOXY)PHENYL)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, OXALATE * o-(OCTYLOXY)CARBANILIC ACID 3-(1-PYRROLIDINYL)PROPYL ESTER OXALATE (1:1)
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:50 mg/kg CKFRAY 27,167,78

FD9778050 CARBANILIC ACID, o-(PENTYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 68931-14-6 MW: 399.03 MOLFM: C21-H34-N2-O3 Cl-H
SYN: BK-61 * CARBAMIC ACID, (2-(PENTYLOXY)PHENYL)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE * o-(PENTYLOXY)CARBANILIC ACID 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER CARBANILIC ACID
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:200 mg/kg CKFRAY 27,167,78

FD9778100 CARBANILIC ACID, m-(PENTYLOXY)-, 1-METHYL-2-PIPERIDINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8403 CAS: 40712-75-2 MW: 385.00 MOLFM: C20-H32-N2-O3 Cl-H
SYN: m-(PENTYLOXY)CARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2C17E15 unk-mam LD50:150 mg/kg PHARAT 29,206,74

FD9778300 CARBANILIC ACID, o-PENTYLOXY-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 370.97 MOLFM: C19-H30-N2-O3 Cl-H
SYN: o-PENTYLOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE * N-(2-(2-PENTYLOXYPHENYLCARBAMOYLOXY)ETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:150 mg/kg ARZNAD 32,1032,82

FD9778400 CARBANILIC ACID, m-(PENTYLOXY)-, 2-PIPERIDINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8403 CAS: 52205-62-6 MW: 370.97 MOLFM: C19-H30-N2-O3 Cl-H
SYN: CARBAMIC ACID, (3-(PENTYLOXY)PHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER, MONOHYDROCHLORIDE * m-(PENTYLOXY)CARBANILIC ACID 2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2C17E15 unk-mam LD50:150 mg/kg PHARAT 29,206,74

FD9778450 CARBANILIC ACID, o-(PENTYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 69538-18-7 MW: 385.00 MOLFM: C20-H32-N2-O3 Cl-H
SYN: BK-60 * CARBAMIC ACID, (2-(PENTYLOXY)PHENYL)-, 3-(1-PIPERIDINYL)PROPYL ESTER MONOHYDROCHLORIDE * o-(PENTYLOXY)CARBANILIC ACID 3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:50 mg/kg CKFRAY 27,167,78

FD9778520 CARBANILIC ACID, o-(PENTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 68931-04-4 MW: 370.97 MOLFM: C19-H30-N2-O3 Cl-H
SYN: BK-64 * CARBAMIC ACID, (2-(PENTYLOXY)PHENYL)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, MONOHYDROCHLORIDE * o-(PENTYLOXY)CARBANILIC ACID 3-(1-PYRROLIDINYL)PROPYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-gpg LDLo:80 mg/kg CKFRAY 27,167,78

FD9778550 CARBANILIC ACID, p-(2-(PIPERIDINO)ETHOXY)-, BENZYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 390.95 MOLFM: C21-H26-N2-O3 Cl-H
SYN: p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID BENZYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg COREAF 240,1586,55

FD9778570 CARBANILIC ACID, p-(2-(PIPERIDINO)ETHOXY)-, BUTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 356.94 MOLFM: C18-H28-N2-O3 Cl-H
SYN: p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID BUTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg COREAF 240,1586,55

FD9778600 CARBANILIC ACID, p-(2-(PIPERIDINO)ETHOXY)-, DECYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 441.12 MOLFM: C24-H40-N2-O3 Cl-H
SYN: p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID DECYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:37 mg/kg COREAF 240,1586,55

FD9778630 CARBANILIC ACID, p-(2-(PIPERIDINO)ETHOXY)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 328.88 MOLFM: C16-H24-N2-O3 Cl-H
SYN: p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:39 mg/kg COREAF 240,1586,55

FD9778660 CARBANILIC ACID, p-(2-(PIPERIDINO)ETHOXY)-, HEPTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 399.03 MOLFM: C21-H34-N2-O3 Cl-H
SYN: p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID HEPTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg COREAF 240,1586,55

FD9778690 CARBANILIC ACID, p-(2-(PIPERIDINO)ETHOXY)-, HEXYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 385.00 MOLFM: C20-H32-N2-O3 Cl-H
SYN: p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID HEXYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg COREAF 240,1586,55

FD9778700 CARBANILIC ACID, p-(2-(PIPERIDINO)ETHOXY)-, OCTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 413.06 MOLFM: C22-H36-N2-O3 Cl-H
SYN: p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID OCTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg COREAF 240,1586,55

FD9778730 CARBANILIC ACID, p-(2-(PIPERIDINO)ETHOXY)-, PENTYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 370.97 MOLFM: C19-H30-N2-O3 Cl-H
SYN: p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID PENTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg COREAF 240,1586,55

FD9778760 CARBANILIC ACID, p-(2-(PIPERIDINO)ETHOXY)-, PHENETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 MW: 404.98 MOLFM: C22-H28-N2-O3 Cl-H
SYN: p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID PHENETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg COREAF 240,1586,55

FD9779500 CARBANILIC ACID, N-(2-PIPERIDINOPROPYL)-, ETHYL ESTER
UPDT:8408 MW: 290.45 MOLFM: C17-H26-N2-O2
SYN: N-(2-PIPERIDINOPROPYL)CARBANILIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:350 mg/kg YKKZAJ 83,62,63

FD9781820 CARBANILIC ACID, m-PROPOXY-, 1-METHYL-2-PIPERIDINOETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8403 CAS: 57454-05-4 MW: 356.94 MOLFM: C18-H28-N2-O3 Cl-H
SYN: CARBAMIC ACID, (3-PROPOXY)PHENYL)-, 1-METHYL-2-(1-PIPERIDINYL)ETHYL ESTER, MONOHYDROCHLORIDE * m-PROPOXYCARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2C17E15 unk-mam LD50:70 mg/kg PHARAT 29,206,74

FD9781830 CARBANILIC ACID, m-PROPOXY-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
UPDT:8403 CAS: 52205-61-5 MW: 342.91 MOLFM: C17-H26-N2-O3 Cl-H
SYN: CARBAMIC ACID, (3-PROPOXY)PHENYL)-, 2-(1-PIPERIDINYL)ETHYL ESTER, MONOHYDROCHLORIDE * m-PROPOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2C17E15 unk-mam LD50:75 mg/kg PHARAT 29,206,74

BEST COPY AVAILABLE

FD9781850 CARBANILIC ACID, o-PROPOXY-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
UPDT 8305 MW: 342.91 MOLFM: C17-H26-N2-O3-Cl-H
SYN: o-PROPOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE * N-(2-(2-PROPOXYPHENYLCARBAMOYLOXY)ETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:200 mg/kg ARZNAD 32,1032,82
FD9781950 CARBANILIC ACID, p-SULFO-, N-METHYL ESTER, 5-HYDRAZIDE
UPDT 8408 CAS: 4879-26-1 MW: 245.28 MOLFM: C8-H11-N3-O4-S
SYN: n-METHYLURETHANEBENZENESULFOHYDRAZINE * POROFOR CMBZ 5 * p-SULFOCARBANILIC ACID N-METHYL ESTER, 5-HYDRAZIDE
TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:7 mg/m3/2H 85GMAT -,87,82
* orl-mus LD50:350 mg/kg 85GMAT -,87,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FD9789000 CARBANILIC ACID, THIO-, alpha-2-PIPERIDINOETHYLBENZYL ESTER, HYDROCHLORIDE
UPDT 8406 MW: 391.01 MOLFM: C21-H26-N2-O-S-Cl-H
SYN: 1-(1-PHENYL-3-PIPERIDINOPROPYL)THIONOCARBANILATE HYDROCHLORIDE * THIOCARBANILIC ACID alpha-2-PIPERIDINOETHYLBENZYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:140 mg/kg JAPMAB 44,766,55
* ivn-mus LD50:18500 ug/kg JAPMAB 44,766,55
FD9797000 CARBANILIC ACID, 3,4,5-TRIMETHOXY-, 3-(4-PHENYL-1-PIPERAZINYL)PROPYL ESTER, MALEATE
UPDT 8308 MW: 545.65 MOLFM: C23-H31-N3-O5-C4-H4-O4
SYN: 3,4,5-TRIMETHOXYCARBANILIC ACID 3-(4-PHENYL-1-PIPERAZINYL)PROPYL ESTER MALEATE
TOXICITY DATA AND REFERENCES:
2F05F25 orl-rat LD50:900 mg/kg JMCMAR 6,133,63
FD9798000 CARBANILIC ACID, 3,4,5-TRIMETHOXY-, 4-PYRIDYLMETHYL ESTER
UPDT 8307 CAS: 5034-56-0 MW: 318.36 MOLFM: C16-H18-N2-O5
SYN: 3,4,5-TRIMETHOXYCARBANILIC ACID 4-PYRIDYLMETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:57 mg/kg CHTPBA 1,164,66
FE0200000 CARBANILIDE, 3,3'-DIAMIDINO-, BIS(beta-HYDROXYETHANESULFONATE)
UPDT 8404 CAS: 3671-72-5 MW: 548.65 MOLFM: C19-H28-N6-O8-S2
SYN: ACI * AMICARBALIDE DIISETHIONATE * N,N'-BIS(m-AMIDINOPHENYL)UREA DIESTHIONATE * N,N'-BIS(3-(AMINOIMINOMETHYL)PHENYL) BENZENECARBOXIMIDAMIDE DIESTHIONATE * 3,3'-(CARBONYLDIIMINO)BISBENZENECARBOXIMIDAMIDE DIESTHIONATE * 3,3'-DIAMIDINOCARBANILIDE BIS(beta-HYDROXYETHANESULFONATE) * 3,3'-DIAMIDINOCARBANILIDE DIISETHIONATE * N,N'-DI(m-AMIDINOPHENYL)UREA DIESTHIONATE * DIAMPRON * ETHANESULFONIC ACID, 2-HYDROXY-, compd. with CARBANILIDE, 3,3'-DIAMIDINO- (2:1) * M & B 5062A
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:120 mg/kg NATUAS 185,461,60
FE0550000 CARBANILIDE, 3,3'-DI-2-IMIDAZOLIN 2-YL-, DIHYDROCHLORIDE
UPDT 8411 CAS: 5318-76-3 MW: 421.37 MOLFM: C19-H20-N6-O-2Cl-H
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:150 mg/kg MEIEDD 10,715,83
* scu-mus LD50:107 mg/kg MEIEDD 10,715,83
FE0880000 CARBANILIDE, 4,4'-DINITRO-N,N'-DIMETHYL-
UPDT 8402 MW: 330.33 MOLFM: C15-H14-N4-O5
SYN: 4,4'-DINITRO-N,N'-DIMETHYLCARBANILIDE
TOXICITY DATA AND REFERENCES:
* orl-qal LD50:750 mg/kg JRPFA4 48,371,76
FE1070000 CARBANILIDE, 2-HYDROXY-5-NITROTHIO-
UPDT 8402 CAS: 13528-21-7 MW: 289.33 MOLFM: C13-H11-N3-O3-S
SYN: 2-HYDROXY-5-NITROTHIO-CARBANILIDE * N-PHENYL-N'-2-HYDROXY-5-NITRO-PHENYLTHIOUREA * PTU 25 * THIOUREA, N-(2-HYDROXY-5-NITROPHENYL)-N'-PHENYL-
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:375 mg/kg AMACCQ 5,1,74
FE1100000 CARBANILIDE, 3-HYDROXYTHIO-
UPDT 8311 CAS: 17073-35-7 MW: 244.33 MOLFM: C13-H12-N2-O-S
SYN: 3-HYDROXYTHIOCARBANILIDE * N-PHENYL-N'-3-HYDROXYPHENYLTHIOUREA * PTU 23 * THIOUREA, N-(3-HYDROXYPHENYL)-N'-PHENYL- (9CI)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#01122
FE1120000 CARBANILIDE, 4-HYDROXYTHIO-
UPDT 8402 CAS: 6986-80-7 MW: 244.33 MOLFM: C13-H12-N2-O-S
SYN: 4-HYDROXYTHIO-CARBANILIDE * N-PHENYL-N'-4-HYDROXYPHENYLTHIOUREA * PTU 24 * THIOUREA, N-(4-HYDROXYPHENYL)-N'-PHENYL-
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:400 mg/kg AMACCQ 5,1,74
FE1225000 CARBANILIDE, THIO-
UPDT 8403 CAS: 102-08-9 MW: 228.33 MOLFM: C13-H12-N2-S
SYN: A 1 * DPT * N,N'-DIPHENYLTHIOCARBAMIDE * s-DIPHENYLTHIOCARBAMIDE * DIPHENYLTHIOUREA * N,N'-DIPHENYLTHIOUREA * syn-DIPHENYLTHIOUREA * 1,3-DIPHENYLTHIOUREA * 1,3-DIPHENYL-2-THIOUREA * 2-FENYLOTIOMOCZNIK (Polish) * RHENOCURE CA * STABILISATOR C * SULFOCARBANILIDE * THIOCARBANILIDE * THIOUREA, N,N'-DIPHENYL- (9CI) * THIOUREA, syn-DIPHENYL- * UREA, 1,3-DIPHENYL-2-THIO- * USAF EK-245 * VULKACIT CA
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1000 mg/kg MEPAAX 16,35,65
ipr-mus LD50:500 mg/kg NTIS** AD277-689
orl-cat LDLo:720 mg/kg JPETAB 17,349,21
* orl-rbt LDLo:1500 mg/kg MEIEDD 10,487,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CARBANMIDE see: YU0875000
CARBANOLATE see: FB6825000
CARBANOLATE see: UE2275000
CARBANTHRENE GOLDEN YELLOW see: HO7030000
CARBARIL (Italian) see: FC5950000
CARBARSONE see: CF9275000
CARBARSONE OXIDE see: CG9200000
CARBARYL see: FC5950000
CARBARYL (DOT) see: FC5950000
CARBASED see: YR6475000
CARBASONE see: CF9275000
CARBATENE see: TR6250000
CARBATHIONE see: FC2100000
CARBATION see: FC2100000
CARBATOX see: FC5950000
CARBATOX-60 see: FC5950000
CARBATOX 75 see: FC5950000
CARBAVINE see: ES0818000
CARBAX see: DC8400000
CARBAZALDEHYDE see: LQ8615000
CARBAZAMIDE see: VT2975000
CARBAZEPINE see: HN8225000
FE2455000 CARBAZIC ACID, 3-(1-(4-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-6,11-DIOXO-1,2,3,4,6,11-HEXAHYDRO-2,5,7,12-TETRAHYDROXYNAPHTHACEN-2-YL)ETHYLIDENE)-, tert-BUTYL ESTER, MONOHYDROCHLORIDE
UPDT 8402 MW: 664.17 MOLFM: C31-H37-N3-O11-Cl-H
SYN: 13-tert-BUTYLOXYCARBONYLHYDRAZONE of CARMINOMYCIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:33300 ug/kg ANTBAL 27,137,82
* ivn-mus LD50:62 mg/kg ANTBAL 27,137,82
FE2778500 CARBAZIC ACID, 3-(1-PHTHALAZINYL)-, ETHYL ESTER, HYDROCHLORIDE, HYDRATE
UPDT 8408 MW: 286.75 MOLFM: C11-H12-N4-O2-Cl-H-H2-O
SYN: 621-81 HYDROCHLORIDE HYDRATE * CARBOETHOXYPHTHALAZINOHYDRAZINE HYDROCHLORIDE HYDRATE * N(sub 1)-ETHOXYCARBONYL-N(sub 2)-HYDRAZINOPHTHALAZINE HYDROCHLORIDE HYDRATE * TODRALAZINE HYDROCHLORIDE HYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 orl-mus TDLo:70 mg/kg (7-13D preg) YIKUAO 18,29,69
1T35 orl-mus TDLo:210 mg/kg (7-13D preg) YIKUAO 18,29,69
TOXICITY DATA AND REFERENCES:
3J22J30P01 orl-rat LD50:598 mg/kg YIKUAO 18,29,69
3J22J30P01 ipr-rat LD50:200 mg/kg YIKUAO 18,29,69
3J22J30P01 scu-rat LD50:466 mg/kg YIKUAO 18,29,69
3J22J30P01 ivn-rat LD50:240 mg/kg YIKUAO 18,29,59
* orl-mus LD50:516 mg/kg OYYAA2 3,97,69
3J22J30P01 ipr-mus LD50:501 mg/kg YIKUAO 18,29,69
* scu-mus LD50:319 mg/kg OYYAA2 3,97,69
* ivn-mus LD50:300 mg/kg OYYAA2 3,97,69
3J22J30P01 orl-rbt LD50:399 mg/kg YIKUAO 18,29,69
3J22J30P01 ipr-rbt LD50:450 mg/kg YIKUAO 18,29,69
3J22J30P01 ivn-rbt LD50:417 mg/kg YIKUAO 18,29,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FE2779000 CARBAZIC ACID, 3-(2-QUINOXALINYLMETHYLENE)-, METHYL ESTER, N(sup 1),N(sup 4)-DIOXIDE
UPDT 8408 CAS: 6804-07-5 MW: 262.25 MOLFM: C11-H10-N4-O4
SYN: CARBADOX * 2-FORMYLQUINOXALINE 1,4-DIOXIDE CARBOMETHOXYHYDRAZONE * FORTIGRO * GS 6244 * HYDRAZINECARBOXYLIC ACID (2-QUINOXALINYLMETHYLENE)- METHYL ESTER, N,N'-DIOXIDE (9CI) * MECADOX
MUTATION DATA AND REFERENCES:
mma-sat 50 nmol/plate CPBTAL 28,1347,80
mma-sat 50 nmol/plate CPBTAL 28,1347,80
dnr-sat 10 ug/disc MUREAV 90,49,81
mma-esc 25 ug/plate MUREAV 77,21,80
mma-esc 25 ug/plate MUREAV 77,21,80
dnr-bcs 1 ug/disc MUREAV 90,49,81
mrc-bcs 1 ug/plate MUREAV 77,21,80
dni-hma:oth 50 mg/L JTEHD6 10,143,82
mnt-rat-ipr 10 mg/kg MUREAV 116,129,83
cyt-mus-orl 100 mg/kg MUREAV 117,311,83
sce-ham:lng 50 mg/L MUREAV 139,199,84
CARBAZILQUINONE see: DK3400000
CARBAZINC see: ZM0525000
FE3150000 CARBAZOLE
UPDT 8404 CAS: 86-74-8 MW: 167.22 MOLFM: C12-H9-N
SYN: 9-AZAFLUORENE * 9H-CARBAZOLE (9CI) * DIBENZOPYRROLE * DIBENZO(b,d)PYRROLE * DIPHENYLENEIMINE * DIPHENYLENIMIDE * DIPHENYLENIMINE * USAF EK-600
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg JPETAB 90,260,47
ipr-mus LD50:200 mg/kg NTIS** AD277-689
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 32,239,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
9H-CARBAZOLE (9CI) see: FE3150000
FE3170000 9H-CARBAZOLE-2-ACETIC ACID, 6-CHLORO-alpha-METHYL-
UPDT 8408 CAS: 52263-47-5 MW: 273.73 MOLFM: C15-H12-Cl-N-O2
SYN: 6-CHLOR-alpha-METHYL-CARBAZOL-2-ESSIGSAEURE (German) * 6-CHLORO-alpha-METHYLCARBAZOLE-2-ACETIC ACID * 6-CHLORO-alpha-METHYL-9H-CARBAZOLE-2-ACETIC ACID * IMADYL * Ro 20-5720 * RO 20-5720/000
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:400 mg/kg USXXAM #3896145
FE3180000 9H-CARBAZOLE-2-ACETIC ACID, 6-CHLORO-alpha-METHYL-, (±)-
UPDT 8408 CAS: 53716-49-7 MW: 250.29 MOLFM: C15-H12-Cl-N-O2
SYN: C 5720 * CARPROFEN * dl-6-CHLORO-alpha-METHYLCARBAZOLE-2-ACETIC ACID * RIMADYL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T72 orl-rat TDLo:2360 mg/kg (9W male-2W pre-3W post) TXAPA9 56,376,80
1T16 orl-rat TDLo:708 mg/kg (9W male-2W pre-3W post) TXAPA9 56,376,80
TOXICITY DATA AND REFERENCES:
1F18 orl-rat LD50:74 mg/kg OYYAA2 14,251,77
3F18J25U26 orl-mus LD50:450 mg/kg OYYAA2 14,251,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FE3590000 CARBAZOLE, 3-AMINO-9-ETHYL-
UPDT 8401 CAS: 132-32-1 MW: 210.30 MOLFM: C14-H14-N2
SYN: 3-AMINO-N-ETHYLCARBAZOLE * 3-AMINO-9-ETHYLCARBAZOLE
TUMORIGENIC DATA AND REFERENCES:
3V01L60R60 orl-rat TDLo:33 gm/kg/78W-C NCITR* NCI-CG-TR-93,78
2V01L60 orl-mus TDLo:87 gm/kg/78W-C NCITR* NCI-CG-TR-93,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:144 mg/kg NCIMR* NIH-71-E-2144
ipr-mus LD50:150 mg/kg NTIS** AD691-490
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FE3675000 CARBAZOLE, 3-AMINO-9-ETHYL-, HYDROCHLORIDE
UPDT 8412 CAS: 6109-97-3 MW: 246.76 MOLFM: C14-H14-N2-Cl-H
SYN: 3-AMINO-9-ETHYLCARBAZOLE HYDROCHLORIDE * NCI-C03043
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate ENMUDM 5(Suppl 1),3,83
TUMORIGENIC DATA AND REFERENCES:
3V01L60R60 orl-rat TDLo:33 gm/kg/78W-C NCITR* NCI-CG-TR-93,78
2V01L60 orl-mus TDLo:87 gm/kg/78W-C NCITR* NCI-CG-TR-93,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:234 mg/kg JPETAB 99,450,50
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE-MOUSE, RAT (NCITR* NCI-CG-TR-93,78)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FE5840000 CARBAZOLE-3-CARBOXYLIC ACID, 5,6,7,8-TETRAHYDRO-, 3-(DIBUTYLAMINO)PROPYL ESTER, HYDROCHLORIDE
UPDT 8405 MW: 427.08 MOLFM: C24-H36-N2-O2-Cl-H
SYN: 3-(DI-n-BUTYLAM-NO)-1-PROPYL-1,2,3,4-TETRAHYDRO-9-CARBAZOLYLCARBOXYLATE HYDROCHLORIDE * 5,6,7,8-TETRAHYDROCARBAZOLE-3-CARBOXYLIC ACID 3-(DIBUTYLAMINO)-PROPYL ESTER HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 1000 ppm MLD JAPMA8 40,373,51

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:17600 ug/kg JAPMA8 40,373,51

FE5840500 CARBAZOLE-3-CARBOXYLIC ACID, 5,6,7,8-TETRAHYDRO-, 3-DIBUTYLAMINOPROPYL ESTER, SULFATE (2:1)
UPDT:8405 MW: 867.32 MOLFM: C48-H72-N4-O4 H2-O4-S
SYN: 3-(DI-n-BUTYLAMINO)-1-PROPYL 1,2,3,4-TETRAHYDRO-6-CARBAZOLYLCAREOXYLATE HYDROCHLORIDE * 5,6,7,8-TETRAHYDROCARBAZOLE-3-CARBOXYLIC ACID 3-DIBUTYLAMINOPROPYL ESTER SULFATE (2:1)

IRRITATION DATA AND REFERENCES:
skn-rbt 1250 ppm MOD JAPMA8 40,373,51
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:31500 ug/kg JAPMA8 40,373,51

FE5841500 CARBAZOLE-3-CARBOXYLIC ACID, 5,6,7,8-TETRAHYDRO-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8405 CAS: 21001-46-7 MW: 350.93 MOLFM: C19-H26-N2-O2 Cl-H
SYN: 5,6,7,8-TETRAHYDRO-3-CARBAZOLECARBOXYLIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

IRRITATION DATA AND REFERENCES:
skn-rbt 1000 ppm MOD JAPMA8 40,373,51
eye-rbt 1000 ppm MLD JAPMA8 40,373,51
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:178 mg/kg JAPMA8 40,373,51
* ivn-mus LD50:33 mg/kg JAPMA8 40,373,51

FE5842000 CARBAZOLE-3-CARBOXYLIC ACID, 5,6,7,8-TETRAHYDRO-, 3-(DIETHYLAMINO)-1-METHYLPROPYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 378.99 MOLFM: C21-H30-N2-O2 Cl-H
SYN: 1-METHYL-3-DIETHYLAMINOPROPYL 1,2,3,4-TETRAHYDRO-6-CARBAZOLYLCARBOXYLATE HYDROCHLORIDE * 5,6,7,8-TETRAHYDROCARBAZOLE-3-CARBOXYLIC ACID 3-(DIETHYLAMINO)-1-METHYLPROPYL ESTER HCl

IRRITATION DATA AND REFERENCES:
skn-rbt 1000 ppm MOD JAPMA8 40,373,51
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:11300 ug/kg JAPMA8 40,373,51

FE5844000 CARBAZOLE-3-CARBOXYLIC ACID, 5,6,7,8-TETRAHYDRO-, 3-(2-METHYLPIPERIDINO)PROPYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 391.00 MOLFM: C22-H30-N2-O2 Cl-H
SYN: 3-(2-METHYLPIPERIDINO)-1-PROPYL 1,2,3,4-TETRAHYDRO-6-CARBAZOLYLCARBOXYLATE HYDROCHLORIDE * 5,6,7,8-TETRAHYDROCARBAZOLE-3-CARBOXYLIC ACID 3-(2-METHYLPIPERIDINO)PROPYL ESTER HCl

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:76 mg/kg JAPMA8 40,373,51
* ivn-mus LD50:12900 ug/kg JAPMA8 40,373,51

FE5845000 CARBAZOLE-3-CARBOXYLIC ACID, 5,6,7,8-TETRAHYDRO-, 3-MORPHOLINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 378.94 MOLFM: C20-H26-N2-O3 Cl-H
SYN: 3-(4-MORPHOLINYL)-1-PROPYL 1,2,3,4-TETRAHYDRO-6-CARBAZOLYLCARBOXYLATE HYDROCHLORIDE * 5,6,7,8-TETRAHYDROCARBAZOLE-3-CARBOXYLIC ACID 3-MORPHOLINOPROPYL ESTER HYDROCHLORIDE

IRRITATION DATA AND REFERENCES:
skn-rbt 2000 ppm MLD JAPMA8 40,373,51
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:53 mg/kg JAPMA8 40,373,51

FE5995000 CARBAZOLE, 3-CHLORO-9-(2-DIMETHYLAMINOETHYL)-, OXALATE
UPDT:8310 CAS: 41734-71-8 MW: 362.84 MOLFM: C16-H17-Cl-N2 C2-H2-O4
SYN: 9H-CARBAZOL-9-ETHANAMINE, 3-CHLORO-N,N-DIMETHYL-, OXALATE * 3-CHLORO-9-(2-DIMETHYLAMINOETHYL)CARBAZOLE OXALATE * ETHYLAMINE, 2-(3-CHLOROCARBAZOL-9-YL)-N,N-DIMETHYL-, OXALATE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:300 mg/kg JMCMAR 16,425,73

FE6236800 CARBAZOLE, 9-(2-(5-ETHYL-1-METHYL-2-PIPERIDYL)ETHYL)-, HYDROCHLORIDE
UPDT:8405 MW: 356.98 MOLFM: C22-H28-N2 Cl-H
SYN: 9-(2-(5-ETHYL-1-METHYL-2-PIPERIDINYL)ETHYL)CARBAZOLE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F17Y55 scu-mus LDLo:100 mg/kg JAPMA8 46,333,57

CARBAZOLE, 9-(2-(1-METHYL-2-PIPERIDYL)ETHYL)-, METHIODIDE see: TN4696000
CARBAZOLE, 9-(2-(5-ETHYL-1-METHYL-2-PIPERIDYL)ETHYL)-, METHIODIDE see: TN4695000

FE6273000 CARBAZOLE, 9-(2-(1-METHYL-2-PIPERIDYL)ETHYL)-
UPDT:8405 CAS: 60706-51-6 MW: 292.46 MOLFM: C20-H24-N2
SYN: 9-(2-(1-METHYL-2-PIPERIDINYL)ETHYL)CARBAZOLE * 9-(2-(1-METHYL-2-PIPERIDYL)ETHYL)CARBAZOLE * P 894

TOXICITY DATA AND REFERENCES:
1F17 scu-mus LDLo:250 mg/kg JAPMA8 46,333,57
ivn-mus LD50:25 mg/kg ARZNAD 9,219,59

9H-CARBAZOL-9-ETHANAMINE, 3-CHLORO-N,N-DIMETHYL-, OXALATE see: FE5995000
2-(CARBAZOL-9-YLMETHYL)-5-HYDROXY-4H-PYRAN-4-ONE see: UQ0509300
CARBAZOTIC ACID see: TJ7875000
CARBECIN see: ON9105000
CARBENDAZIM see: DD6500000
CARBENDAZIME see: DD6500000
CARBENDAZIM and SODIUM NITRITE (5:1) see: DD6520000
CARBENDAZOLE see: DD6500000
CARBENDAZYM see: DD6500000
CARBENICILLIN DISODIUM see: ON9105000
CARBENICILLIN DISODIUM SALT see: ON9105000
CARBENICILLINE DISODIUM see: ON9105000
CARBENICILLIN PHENYL SODIUM see: ON9110000
CARBENICILLIN SODIUM see: ON9105000
CARBENOXALONE, DISODIUM SALT see: RK0250000
CARBENOXOLONE, DISODIUM SALT see: RK0250000
CARBENOXOLONE SODIUM see: RK0250000
CARBESTROL see: GW4430000
CARBETAMEX see: FD8900000
CARBETAMIDE see: FD8900000
CARBETHOXYACETIC ESTER see: OO0700000
2-CARBETHOXY-5-(N-(gamma-ACETOXYMERCURI-beta-METHOXYPROPYL))-THIOPHENESULFONAMIDE see: XM8340000
p-CARBETHOXYANILIDE of beta-MESITOYLACRYLIC ACID see: DI0889000
N-CARBETHOXYDEACETYLCOLCHICINE see: DF9300000
N-CARBETHOXYETHYLENIMINE see: CM6800000
2-CARBETHOXY-7-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)BENZOFURAN see: DF6495200 2-BENZOFURANCARBOXYLIC ACID, 7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-, ETHYL ESTER
CARBETHOXY MALAOXON see: WM8410000
CARBETHOXY MALATHION see: WM8400000
CARBETHOXYMANDELONITRILE see: DG5644400
CARBETHOXYMETHIMAZOLE see: NJ2441000
4-(2-CARBETHOXY-3-METHYLBENZOFURYL)OXYACETIC ACID see: DF6494500
4-(2-CARBETHOXY-3-METHYLBENZOFURYL)-OXYACETIC ACID see: DF6494700
2-CARBETHOXYMETHYLENE-3-METHYL-5-PIPERIDINO-4-THIAZOLIDONE see: AI9160000
3-CARBETHOXY-1-METHYL-4-PIPERIDYL p-AMINOBENZOATE HYDROCHLORIDE see: TM6317400
1(4-CARBETHOXYPHENYL)-3,3-DIMETHYLTRIAZENE see: DG9125000
p-CARBETHOXYPHENOL see: DH2190000
10-(3-(1-(4-CARBETHOXYPIPERIDYL))PROPYL)-2-CHLOROPHENOTHIAZINE HYDROCHLORIDE see: NS5270000
(3-CARBETHOXYPROPYL)DIETHOXY(METHYL)SILANE see: VV3597500
CARBETHOXYSYRINGOYL METHYLRESERPATE see: ZG0175000
CARBETOVUR see: WM8400000
CARBETOX see: WM8400000
CARBICRON see: TC3850000
CARBIDE 6-12 see: MO2625000
CARBIDE BLACK E see: QJ6160000
CARBIDOPA see: MW5298000
CARBIMAZOL see: NJ2441000
CARBIMAZOLE see: NJ2441000
CARBIMIDE see: GS5950000
CARBIN see: FD7700000
CARBINAMINE see: PF6300000
CARBINAZOLE see: NJ2441000
CARBINOL see: PC1400000
CARBINOXAMIDE MALEATE see: US6475000
CARBINOXAMINE MALEATE see: US6350000
p-CARBINOXAMINE MALEATE see: US6350000
CARBITOL see: ID5950000
CARBITOL see: KK8750000
CARBITOL ACETATE see: KK8925000
CARBITOL CELLOSOLVE see: KK8750000
CARBITOL SOLVENT see: KK8750000
CARBOBENZOXY-4-AMINOBUTYRIC ACID see: ES8137200
N-CARBOBENZOXY-gamma-AMINOBUTYRIC ACID see: ES8137200
D-8-beta-((CARBOBENZOXYAMINO)METHYL)-1,6-DIMETHYL-10-alpha-ERGOLINE see: FA1070000
CARBOBENZOXY CHLORIDE see: LQ5860000
D-N-CARBOBENZOXYDIHYDRO-1-METHYLLYSERGAMINE I see: FA1070000
CARBOBENZOXYGLYCINE see: MB9129000
N-CARBOBENZOXYGLYCINE see: MB9129000
N-CARBOBENZOXYGLYCINE 1,2-DIBROMOETHYL ESTER see: MB9133000
N-CARBOBENZOXYGLYCINE VINYL ESTER see: MC0842000
CARBOBENZOXYLEUCINE see: OH2921000
CARBOBENZOXY-L-LEUCINE see: OH2921000
N-CARBOBENZOXY-L-LEUCINE see: OH2921000
CARBOBENZOXY-L-LEUCINE CHLORO-2-ETHYLAMIDE (French) see: EZ1440000
N-CARBOBENZOXY-L-LEUCINE 1,2-DIBROMOETHYL ESTER see: OH2920000
N-CARBOBENZOXY-L-LEUCINE VINYL ESTER see: OH2922000
CARBOBENZOXYL GLYCINE see: MB9129000
CARBOBENZOXYPHENYLALANINE see: AY4343000
CARBOBENZOXY-L-PHENYLALANINE see: AY4343000
N-CARBOBENZOXY-L-PHENYLALANINE see: AY4343000
CARBOBENZOXY-L-PHENYLALANINE CHLOROMETHYL KETONE see: AY4290000
N-CARBOBENZOXY-L-PHENYLALANINE CHLOROMETHYL KETONE see: AY4290000
N-CARBOBENZOXY-L-PHENYLALANINE 1,2-DIBROMOETHYL ESTER see: AY3277100
N-CARBOBENZOXY-L-PHENYLALANINE VINYL ESTER see: AY4344000
CARBOBENZOXY-L-PROLINE see: UY0745000
CARBOBENZOXY-S-PROLINE see: UY0745000
N-CARBOBENZOXY-L-PROLINE see: UY0745000
N-CARBOBENZOXY-L-PROLINE 1,2-DIBROMOETHYL ESTER see: UY0745100
N-CARBOBENZOXY-L-PROLINE VINYL ESTER see: UY0365500
CARBOBENZYLOXY CHLORIDE see: LQ5860000
CARBOBENZYLOXYGLYCINE see: MB9129000
N-CARBOBENZYLOXYGLYCINE see: MB9129000
CARBOBENZYLOXY-L-LEUCINE see: OH2921000
CARBOBENZYLOXY-L-PROLINE see: UY0745000
2-CARBO-N-BUTOXY-6,6-DIMETHYL-5,6-DIHYDRO-1,4-PYRONE see: UP7000000
CARBOCAINE HYDROCHLORIDE see: TK6475000
CARBOCHOL see: GA0875000
CARBOCHOLIN see: GA0875000
CARBOCHOLINE see: GA0875000
CARBOCHROMENE HYDROCHLORIDE see: AG9500000
CARBOCROMENE see: AG9500000
CARBOCYANINE see: VC3676870
CARBODIIMIDE see: GS5950000
CARBOETHOXYMETHYL ACRYLATE see: AS9300000 ACRYLIC ACID, ESTER with ETHYL GLYCOLATE
CARBOETHOXYMETHYL METHACRYLATE see: OZ4380000 METHACRYLIC ACID, ESTER with ETHYL GLYCOLATE
CARBOETHOXYPHTHALAZINOHYDRAZINE HYDROCHLORIDE HYDRATE see: FE2778500
CARBOFENOTHION (Dutch) see: TD5250000
CARBOFLUORENE AMINO ESTER see: LL6170000
CARBOFOS see: WM8400000
CARBOFURAN see: FB9450000
CARBOFURAN (DOT) see: FB9450000
CARBOGEN (BCI) see: FF6485000
N-CARBOISOPROPOXY-O-ACETYL-N-PHENYL CARBAMATE see: FD7430000 CARBANILIC ACID, N-ACETOXY-, ISOPROPYL ESTER
CARBOISOPROPOXYMETHYL METHACRYLATE see: OZ4390000 METHACRYLIC ACID, ESTER with ISOPROPYLGLYCOLATE
CARBOLAC 1 see: FF5800000
CARBOLIC ACID see: SJ3325000
CARBOLIC ACID (DOT) see: SJ3325000
CARBOLIC ACID, liquid (liquid tar acid containing over 50% PHENOL) (DOT) see: SJ3325000
CARBOLITH see: OJ5800000
CARBOLON see: VW0450000
CARBOLONIUM DICHLORIDE see: GA1960000
CARBOLONIUM DIIODIDE see: GA4763000
CARBOLSALRE (German) see: SJ3325000
CARBOMER 940 see: AT4680000
CARBOMER 934P see: AT4680000
CARBOMETHENE see: QA7700000
o-CARBOMETHOXYANILINE see: CB3325000
2-CARBOMETHOXYANILINE see: CB3325000
2-beta-CARBOMETHOXY-3-beta-BENZOXYTROPANE see: YM2800000
2-alpha-CARBOMETHOXY-3-beta-BENZOXYTROPANE TARTRATE see: UL4900000
4'-CARBOMETHOXY-2,3'-DIMETHYLAZOBENZENE see: FG1820000
4'-CARBOMETHOXY-2,3'-DIMETHYLAZOBENZOL see: FG1820000
alpha-2-CARBOMETHOXY-1-METHYLVINYL DIMETHYL PHOSPHATE see: GQ5250000
2-CARBOMETHOXY-1-METHYLVINYL DIMETHYL PHOSPHATE see: GQ5250000
2-CARBOMETHOXY-1-PROPEN-2-YL DIMETHYL PHOSPHATE see: GQ5250000
N-(3-CARBOMETHOXYPROPYL)-N-(1-ACETOXYBUTYL)NITROSAMINE see: ET4210000
p-CARBOMETHOXYTOLUENE see: XU2150000
CARBOMYCIN see: MM0525000
CARBOMYCIN A see: MM0525000

BEST COPY AVAILABLE

CARBON-12 see: FF5250100

FF5250100 CARBON
UPDT:8403 CAS: 7440-44-0 MW: 12.01 MOLFM: C
SYN: ACTICARBONE * ACTIVATED CARBON * ACTIVATED CARBON (DOT) * AG 3 * AG 3 (ADSORBENT) * AG 5 * AG 5 (ADSORBENT) * AK (ADSORBENT) * ANTHRASORB * AR 3 * ART 2 * AU 3 * BAU * BG 6080 * BLACK LEAD * CARBON-12 * CARBON, non-activated (DOT) * CARBOPOL EXTRA * CARBOPOL M * CARBOPOL Z 4 * CARBOPOL Z EXTRA * CARBOSIEVE * CARBOSORBIT R * CECARBON * CF B * CF B (CARBON) * C.I. 77265 * C.I. PIGMENT BLACK 10 * CLF II * CMB 50 * CMB 200 * COKE POWDER * COLUMBIA LCK * CONDUCTEX * CUZ 3 * CWN 2 * DARCO * FILTRASORB * FILTRASORB 200 * FILTRASORB 400 * GRAPHITE * GROSAFE * HYDRODARCO * IRGALITE 1104 * JADO * K 257 * MA 100 (CARBON) * NORIT * NUCHAR * OU-B * PELIKAN C 11/1431a * PLUMBAGO * SKG * SKT * SKT (ADSORBENT) * SU 2000 * SUCHAR 681 * SUPERSORBON IV * SUPERSORBON S 1 * U 02 * UN 1361 (DOT) * UN 1362 (DOT) * WATERCARB * WITCARB 940 * XE 340 * XF 4175L
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:167 mg/kg (8D preg) TJADAB 4,327,71
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:440 mg/kg TXAPA9 24,497,73
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FF5251000 CARBON, animal or vegetable origin
UPDT:8403
SYN: CARBON, animal or vegetable origin (DOT) * UN 1361 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83

CARBON, animal or vegetable origin (DOT) see: FF5251000
CARBONA see: FG4900000
(CARBONATO)DIHYDROXYDICOPPER see: GL6910000
CARBONAZIDIC ACID, 1,1-DIMETHYLETHYL ESTER see: LQ5270000
CARBONAZIDODITHIOIC ACID see: LQ5280000
CARBON BICHLORIDE see: KX3850000
CARBON BISULFIDE see: FF6650000
CARBON BISULFIDE (DOT) see: FF6650000
CARBON BISULFIDE and HYDROGEN SULFIDE see: FF6700000
CARBON BISULPHIDE see: FF6650000

FF5800000 CARBON BLACK
UPDT:8407 CAS: 1333-86-4
SYN: CARBOLAC 1 * CHANNEL BLACK * C.I. 77266 * C.I. PIGMENT BLACK 7 * COLUMBIA CARBON * CORAX P * DEUSSA BLACK FW * FURNEX N 765 * KETJENBLACK EC * MOGUL * MOGUL L * NEO SPECTRA II * PHILBLACK N 550 * PHILBLACK N 765 * PHILBLACK O * PIGMENT BLACK 7 * PRINTEX 60 * RAVEN * RAVEN 30 * RAVEN 420 * RAVEN 500 * RAVEN 8000 * REGAL * REGAL 99 * REGAL 300 * REGAL 330 * REGAL 600 * REGAL 400R * REGAL SRF * SPHERON 6 * STATEX N 550 * STERLING N 765 * STERLING NS * STERLING SO 1 * THERMAX * TM 30 * WITCOBLAK NO. 100
REVIEW AND REFERENCES:
★ TLV-TWA 3500 ug/m3; STEL 7 mg/m3 DTLVS* 4,68,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 3500 ug/m3 (SCP-R) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CARBON BLACK recm std:TWA 3.5 mg/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5000
REPORTED IN EPA TSCA INVENTORY, 1983

FF5810000 CARBON BLACK EXTRACT
UPDT:8411
MUTATION DATA AND REFERENCES:
mma-sat 20 mg/plate EVSRBT 27,297,83

CARBON BROMIDE see: FG4725000
CARBON CHLORIDE see: FG4900000
CARBON CHLOROSULFIDE see: XN2450000
CARBON D see: FA6825000
CARBON DICHLORIDE see: KX3850000
CARBON DIFLUORIDE OXIDE see: FG6125000

FF6400000 CARBON DIOXIDE
UPDT:8407 CAS: 124-38-9 MW: 44.01 MOLFM: C-O2
SYN: ANHYDRIDE CARBONIQUE (French) * CARBON DIOXIDE (DOT) * CARBON DIOXIDE, liquefied (DOT) * CARBON DIOXIDE, refrigerated liquid (DOT) * CARBON DIOXIDE, solid (DOT) * CARBONIC ACID GAS * CARBONIC ANHYDRIDE * CARBON ICE (DOT) * DRY ICE * DRY ICE (DOT) * KOHLENSAURE (German) * UN 1013 (DOT) * UN 1845 (DOT) * UN 2187 (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T46T47T49 ihl-rat TCLo:6 pph/24H (10D preg) CIRUAL 8,1218,60
1T81 ihl-rat TCLo:6 pph/24H (10D preg) CIRUAL 8,1218,60
2T01T02 ihl-rat TCLo:25 ppt/4H (1D male) JRPFA4 28,457,72
1T01 ihl-mus TCLo:55 pph/2H (3D male) JRPFA4 13,165,67
1T23 ihl-mus TCLo:55 ppm/4H (6D male) JRPFA4 13,165,67
1T46 ihl-rbt TCLo:13 pph/4H (9-12D preg) ZMOAAN 56,165,65
TOXICITY DATA AND REFERENCES:
° ihl-hmn LCLo:100000 ppm/1M AOHYA3 17,159,74
° ihl-rat LCLo:656 ppt/15M AMIHBC 6,435,52
ihl-mam LCLo:90000 ppm/5M AEPPAE 138,65,28
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,163,75
★ TLV-TWA 5000 ppm; STEL 15000 ppm DTLVS* 4,69,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5000 ppm (SCP-R) FEREAC 39,23540,74
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CARBON DIOXIDE recm std-air:TWA 10000 ppm;CL 30000 ppm/10M NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S249
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBON DIOXIDE (DOT) see: FF6400000
CARBON DIOXIDE, liquefied (DOT) see: FF6400000
CARBON DIOXIDE, refrigerated liquid (DOT) see: FF6400000
CARBON DIOXIDE, solid (DOT) see: FF6400000
CARBON DIOXIDE and ETHYLENE OXIDE mixtures, with more than 6% ETHYLENE OXIDE (DOT) see: KX2625000
CARBON DIOXIDE and ETHYLENE OXIDE mixtures, with not more than 6% ETHYLENE OXIDE (DOT) see: KX2650000
CARBON DIOXIDE, MIXTURE WITH NITROGEN OXIDE (N2O) (9CI) see: FF6480000

FF6480000 CARBON DIOXIDE mixed with NITROUS OXIDE
UPDT:8308 CAS: 53569-62-3 MW: 88.03 MOLFM: C-O2 N2-O
SYN: CARBON DIOXIDE, MIXTURE WITH NITROGEN OXIDE (N2O) (9CI) * CARBON DIOXIDE-NITROUS OXIDE MIXTURE (DOT) * UN 1015 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CARBON DIOXIDE recm std-air:TWA 10000 ppm;CL 30000 ppm/10M NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO N2O AS ANESTHETIC AGENT recm std-air:TWA 25 ppm/1H NTIS**

CARBON DIOXIDE-NITROUS OXIDE MIXTURE (DOT) see: FF6480000

FF6485000 CARBON DIOXIDE mixed with OXYGEN
UPDT:8308 CAS: 8063-77-2 MW: 76.01 MOLFM: C-O2 O2
SYN: CARBOGEN (BCI) * CARBON DIOXIDE-OXYGEN MIXTURE (DOT) * UN 1014 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CARBON DIOXIDE recm std-air:TWA 10000 ppm;CL 30000 ppm/10M NTIS**

CARBON DIOXIDE-OXYGEN MIXTURE (DOT) see: FF6485000

FF6650000 CARBON DISULFIDE
UPDT:8412 CAS: 75-15-0 MW: 76.13 MOLFM: C-S2
SYN: CARBON BISULFIDE * CARBON BISULFIDE (DOT) * CARBON BISULPHIDE * CARBON DISULFIDE (DOT) * CARBON DISULPHIDE * CARBONE (SULFURE DE) (French) * CARBONIO (SOLFURO DI) (Italian) * CARBON SULFIDE * DITHIOCARBONIC ANHYDRIDE * KOHLENDISULFID (SCHWEFELKOHLENSTOFF) (German) * KOOLSTOFDISULFIDE (ZWAVELKOOLSTOF) (Dutch) * NCI-C04591 * RCRA WASTE NUMBER P022 * SCHWEFELKOHLENSTOFF (German) * SOLFURO di CARBONIO (Italian) * SULPHOCARBONIC ANHYDRIDE * UN 1131 (DOT) * WEEVILTOX * WEGLA DWUSIARCZEK (Polish)
MUTATION DATA AND REFERENCES:
mma-sat 100 uL/plate NIOSH* 5AUG77
sce-hmn:lym 10200 ug/L BCTKAG 14,115,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ihl-man TCLo:40 mg/m3 (91W male) MELAAD 60,566,69
1T34 orl-rat TDLo:2 gm/kg (6-15D preg) TOXID9 4,86,84
1T24 ihl-rat TCLo:200 mg/m3/24H (1-21D preg) KHZDAN 21,257,78
2T42T75 ihl-rat TCLo:10 mg/m3/8H (1-22D preg) ARTODN (Suppl 4),252,80
1T81 ihl-rat TCLo:100 mg/m3/8H (1-22D preg) TOLED5 2,129,78
3T35T43T55 ihl-rat TCLo:100 mg/m3/8H (1-21D preg) TJADAB 14,374,76
1T85 ihl-rat TCLo:30 ug/m3/8H (1-22D preg) ARTODN (Suppl 4),252,80
2T01T03 ihl-rat TCLo:600 ppm/6H (50D male) TXAPA9 73,275,84
2T24T26 ihl-mus TCLo:2000 mg/m3/2H (1-21D preg) BEXBAN 68,1158,69
1T25 orl-rbt TDLo:350 mg/kg (6-19D preg) TOXID9 4,86,84
1T59 orl-rbt TDLo:2100 mg/kg (6-19D preg) TOXID9 4,86,84
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:14 mg/kg 32ZWAA 8,225,74
ihl-hmn LCLo:4000 ppm/30M 29ZWAE -,118,68
unk-man LDLo:186 mg/kg 85DCAI 2,73,70
° orl-rat LD50:3188 mg/kg GISAAA 31(1),13,66
° orl-mus LD50:2780 mg/kg GISAAA 31(1),13,66
° orl-rbt LD50:2550 mg/kg GISAAA 31(1),13,66
° orl-gpg LD50:2125 mg/kg GISAAA 31(1),13,66
1L03 ipr-gpg LDLo:400 mg/kg AIHAAP 35,21,74
ihl-mam LCLo:2000 ppm/5M AEPPAE 138,65,28
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AHJOA2 83,100,72; CRTXB2 2,365,73; AIHAAP 35(2),55,74; KHZDAN 16(2),208,73; CMTVAS 10(3),49,73
★ TLV-TWA 10 ppm (skin) DTLVS* 4,70,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 20 ppm;CL 30 ppm;Pk 100 ppm/30M/8H (SCP-R) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CARBON DISULFIDE recm std-air:TWA 1 ppm;CL 10 ppm/15M NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1600
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBON DISULFIDE (DOT) see: FF6650000

FF6700000 CARBON DISULFIDE and HYDROGEN SULFIDE
UPDT:8305 MW: 110.21 MOLFM: C-S2 H2-S
SYN: CARBON BISULFIDE and HYDROGEN SULFIDE * HYDROGEN SULFIDE and CARBON BISULFIDE * HYDROGEN SULFIDE and CARBON DISULFIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ihl-rat TCLo:10 mg/m3/24H (1-20D preg) AAGEAA 68(5),77,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARBON DISULPHIDE see: FF6650000
CARBON, non-activated (DOT) see: FF5250100
CARBONE (OXYCHLORURE DE) (French) see: SY5600000
CARBONE (OXYDE DE) (French) see: FG3500000
CARBONE (SUFURE DE) (French) see: FF6650000
CARBON FERROCHROMIUM see: LK0750000
CARBON FLUORIDE see: FG4920000
CARBON FLUORIDE OXIDE see: FG6125000
CARBON HEXACHLORIDE see: KI4025000
CARBONIC ACID, ALLYL ESTER, DIESTER with DIETHYLENE GLYCOL see: FG2080000
CARBONIC ACID, AMMONIUM SALT see: BP1925000

FF7320000 CARBONIC ACID, APORPHINE-10,11-DIYL DIETHYL ESTER
UPDT:8312 CAS: 61389-37-5 MW: 411.49 MOLFM: C23-H25-N-O6
TOXICITY DATA AND REFERENCES:
° ivn-mus LD50:36 mg/kg JPMSAE 65,1682,76

CARBONIC ACID, BARIUM SALT (1:1) see: CQ8600000
CARBONIC ACID BERYLLIUM SALT (1:1) see: DS2400000

FF8500000 CARBONIC ACID, BIS(3-HYDROXYALLYL) ESTER
UPDT:8306 MW: 174.17 MOLFM: C7-H10-O5
SYN: ALLYL DIGLYCOL CARBONATE
TOXICITY DATA AND REFERENCES:
3J16M03P27 ipr-mus LD50:172 mg/kg FEPRA7 6,342,47

FF8575000 CARBONIC ACID, BIS(2-ISOCYANATOETHYL) ESTER
UPDT:8307 CAS: 13025-29-1 MW: 200.17 MOLFM: C7-H8-N2-O5
SYN: BIS(2-ISOCYANATOETHYL)CARBONATE * ETHANOL 2-ISOCYANATO-, CARBONATE (2:1) (ester) (9CI)
TOXICITY DATA AND REFERENCES:
° orl-mus LD50:1830 mg/kg AIHAAP 30,470,69

FF8925000 CARBONIC ACID, BIS(2,2,2-TRICHLOROETHYL) ESTER
UPDT:8312 CAS: 5634-37-7 MW: 324.79 MOLFM: C5-H4-Cl6-O3
SYN: BIS(2,2,2-TRICHLOROETHYL)CARBONATE * CHLORETHATE * CLORETAT * CLORETATE * CLORETHATE * ETHANOL 2,2,2-TRICHLORO-, CARBONATE (2:1) * SKF 12866 * TRICHLOROETHYL CARBONATE * 2,2,2-TRICHLOROETHYL CARBONATE
TOXICITY DATA AND REFERENCES:
1F17 orl-mus LD50:1003 mg/kg JPMSAE 56,920,67

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

FF8940000 CARBONIC ACID, (p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL) PHENYL ESTER, HYDROCHLORIDE
UPDT:8402 MW: 414.76 MOLFM: C18-H20-Br-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
3A11F13F17 ipr-mus LD50:338 mg/kg PHARAT 38,443,83
FF8950000 CARBONIC ACID, 6-sec-BUTYLBIS(2,4-DINITROPHENYL) ESTER
UPDT:8309 CAS: 2600-55-7 MW: 450.35 MOLFM: C17-H14-N4-O11
SYN: B 377 * CARBONIC ACID, 2-sec-BUTYL 4,6-DINITROPHENYL 2,4-DINITROPHENYL ESTER (8CI) * 2,4-DINITROPHENYL 2,4-DINITRO-6-sec-BUTYLPHENYL CARBONATE * TRIBONATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:108 mg/kg WRPCA2 7,135,68
unk-mam LD50:108 mg/kg 30ZDA9 -,100,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBONIC ACID, 2-sec-BUTYL-4,6-DINITROPHENYL 2,4-DINITROPHENYL ESTER (8CI) see: FF8950000
FF8970000 CARBONIC ACID, BUTYL 2,4-DINITROPHENYL ESTER
UPDT:8309 CAS: 15741-91-0 MW: 284.25 MOLFM: C11-H12-N2-O7
SYN: BUTYL 2,4-DINITROPHENYL CARBONATE * ENT 27,304 * NSC 190961 * R-10669 * STAUFFER R-10669
TOXICITY DATA AND REFERENCES:
orl-rat LD50:271 mg/kg ARSIM* 20,24,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FF9100000 CARBONIC ACID, 2-sec-BUTYL-4,6-DINITROPHENYL ISOPROPYL ESTER
UPDT:8309 CAS: 973-21-7 MW: 326.34 MOLFM: C14-H18-N2-O7
SYN: ACREX * 2-sec-BUTYL-4,6-DINITROPHENYL ISOPROPYL CARBONATE * CARBONIC ACID, 1-METHYLETHYL 2-(1-METHYLPROPYL)-4,6-DINITROPHENYLESTER (9CI) * DESSIN * 2,4-DINITRO-6-sec-BUTYLPHENYL ISOPROPYL CARBONATE * DINOBUTON * DINOFEN * DRAWINOL * DS 18302 * ENT 27,244 * ISOPHEN * ISOPHEN (PESTICIDE) * ISOPROPYL 2,4-DINITRO-6-sec-BUTYLPHENYL CARBONATE * ISOPROPYL 2-(1-METHYL-n-PROPYL)-4,6-DINITROPHENYL CARBONATE * KASEBON * MC 1053 * 1-METHYLETHYL 2-(1-ETHYLPROPYL)-4,6-DINITROPHENYL CARBONATE * 2-(1-METHYL-2-PROPYL)-4,6-DINITROPHENYL ISOPROPYLCARBONATE * PHENOL, 2-sec-BUTYL-4,6-DINITRO-, ISOPROPYLCARBONATE * SYTASOL * TALAN * UC 19786 * UNION CARBIDE 19786
MUTATION DATA AND REFERENCES:
cyt-mus-orl 25 mg/kg CYGEDX 14(6),38,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:59 mg/kg TXAPA9 14,515,69
skn-rat LDLo:1500 mg/kg TXAPA9 14,515,69
unk-rat LD50:140 mg/kg 30ZDA9 -,100,71
orl-mus LD50:170 mg/kg GTPZAB 19(9),55,75
ipr-mus LD50:125 mg/kg BCPCA6 18,1389,69
unk-mus LD50:2540 mg/kg 30ZDA9 -,100,71
* skn-rbt LD50:3200 mg/kg FMCHA2 -,C82,83
orl-ckn LD50:150 mg/kg GUCHAZ 6,224,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FF9320000 CARBONIC ACID, CADMIUM SALT
UPDT:8110 CAS: 513-78-0 MW: 174.43 MOLFM: C-H2-O3-Cd
SYN: CADMIUM CARBONATE * CADMIUM MONOCARBONATE * CHEMCARB
TOXICITY DATA AND REFERENCES:
3F11F17U01 orl-mus LD50:310 mg/kg GTPZAB 25(2),42,81
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
FF9340000 CARBONIC ACID, (p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL) PHENYL ESTER, HYDROCHLORIDE
UPDT:8402 MW: 370.30 MOLFM: C18-H20-Cl-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
3A11F13F17 ipr-mus LD50:300 mg/kg PHARAT 38,443,83
CARBONIC ACID, COBALT SALT (8CI,9CI) see: GF9600000
FF9550000 CARBONIC ACID, CYCLIC ETHYLENE ESTER
UPDT:8407 CAS: 96-49-1 MW: 88.07 MOLFM: C3-H4-O3
SYN: CYCLIC ETHYLENE CARBONATE * 1,3-DIOXOLAN-2-ONE * DIOXOLONE-2 * ETHYLENE CARBONATE * ETHYLENE CARBONIC ACID * ETHYLENE GLYCOL CARBONATE * ETHYLENE GLYCOL CYCLIC CARBONATE * GLYCOL CARBONATE
IRRITATION DATA AND REFERENCES:
skn-rbt 660 mg open MLD UCDS** 7/21/71
eye-rbt 20 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:10 gm/kg UCDS** 7/21/71
ipr-mus LDLo:500 mg/kg CBCCT* 5,338,53
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
FF9600000 CARBONIC ACID, CYCLIC ((p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)METHYL)ETHYLENE ESTER
UPDT:8303 MW: 428.51 MOLFM: C27-H24-O5
SYN: 1-(p-(2,3-DIHYDROXYPROPOXY)PHENYL)-2-PHENYL-6-METHOXY-3,4-DIHYDRONAPHTHALENE CYCLIC CARBONATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:35 mg/kg (1D pre-1-6D preg) JMCMAR 9,172,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBONIC ACID, DIAMMONIUM SALT (8CI,9CI) see: BP1925000
CARBONIC ACID, DIESTER with 1-(2,3-DIMETHYLPHENYL)-3-(2-HYDROXYETHYL)UREA see: FG1582000
FF9800000 CARBONIC ACID, DIETHYL ESTER
UPDT:8401 CAS: 105-58-8 MW: 118.15 MOLFM: C5-H10-O3
SYN: DEC * DIAETHYLCARBONAT (German) * DIATOL * DIETHYL CARBONATE * DIETHYL CARBONATE (DOT) * ETHOXYFORMIC ANHYDRIDE * ETHYL CARBONATE * EUFIN * NCI-C60899 * UN 2366 (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T42T46 ipr-ham TDLo:496 mg/kg (8D preg) CNREA8 27,1696,67
1T34 ipr-ham TDLo:496 mg/kg (8D preg) CNREA8 27,1696,67
2T43T45 ipr-ham TDLo:1004 mg/kg (8D preg) CNREA8 27,1696,67
TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 orl-mus TDLo:500 mg/kg BCPCA6 2,168,59
3V03J60R60 ipr-mus TDLo:456 mg/kg BCPCA6 2,168,59
TOXICITY DATA AND REFERENCES:
scu-rat LD50:8500 mg/kg CLDND*
STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBONIC ACID, DILITHIUM SALT see: OJ5800000
FG0410000 CARBONIC ACID, DILITHIUM SALT and 2-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE (9:2)
UPDT:8305
SYN: CHLORPROMAZINE and LITHIUM CARBONATE (2:9) * LITHIUM CARBONATE and CHLORPROMAZINE (9:2)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T41T46 unk-wmn TDLo:5940 mg/kg (1-39W preg) JCPHB8 10,387,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FG0430000 CARBONIC ACID, (alpha-(2-(DIMETHYLAMINO)ETHYL)-p-METHOXYBENZYL) PHENYL ESTER, HYDROCHLORIDE
UPDT:8402 MW: 365.89 MOLFM: C19-H23-N-O4 Cl-H
TOXICITY DATA AND REFERENCES:
3A11F13F17 ipr-mus LD50:180 mg/kg PHARAT 38,443,83
FG0435000 CARBONIC ACID, (alpha-(2-(DIMETHYLAMINO)ETHYL)-p-METHYLBENZYL) PHENYL ESTER, HYDROCHLORIDE
UPDT:8402 MW: 349.89 MOLFM: C19-H23-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
3A11F13F17 ipr-mus LD50:200 mg/kg PHARAT 38,443,83
FG0436000 CARBONIC ACID, (alpha-(2-(DIMETHYLAMINO)ETHYL)-p-NITROBENZYL) PHENYL ESTER, HYDROCHLORIDE
UPDT:8402 MW: 380.86 MOLFM: C18-H20-N2-O5 Cl-H
TOXICITY DATA AND REFERENCES:
3A11F13F17 ipr-mus LD50:376 mg/kg PHARAT 38,443,83
FG0445000 CARBONIC ACID, (4,5-DIMETHYL-3,6-DIOXO-1,4-CYCLOHEXADIEN-1,2-DIYL)BIS(METHYLENE) DIPHENYL ESTER
UPDT:8305 CAS: 40870-73-0 MW: 436.44 MOLFM: C24-H20-O8
MUTATION DATA AND REFERENCES:
dni-mus:oth 13 umol/L JMCMAR 15,1247,72
oms-mus:oth 22 umol/L JMCMAR 15,1247,72
FG0450000 CARBONIC ACID, DIMETHYL ESTER
UPDT:8308 CAS: 616-38-6 MW: 90.09 MOLFM: C3-H6-O3
SYN: DIMETHYL CARBONATE (DOT) * METHYL CARBONATE * UN 1161 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:13 gm/kg FCTXAV 17,361,79
* ipr-rat LD50:1600 mg/kg FCTXAV 17,361,79
* orl-mus LD50:6 gm/kg FCTXAV 17,361,79
* ipr-mus LD50:800 mg/kg FCTXAV 17,361,79
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
FG0470000 CARBONIC ACID, 2,4-DINITROPHENYL OCTYL ESTER
UPDT:8309 CAS: 15741-90-9 MW: 340.37 MOLFM: C15-H20-N2-O7
SYN: 2,4-DINITROPHENYL OCTYL CARBONATE * ENT 27,363 * NSC 190960 * R-10665 * STAUFFER R-10665
TOXICITY DATA AND REFERENCES:
orl-rat LD50:196 mg/kg ARSIM* 20,24,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FG0500000 CARBONIC ACID, DIPHENYL ESTER
UPDT:8401 CAS: 102-09-0 MW: 214.23 MOLFM: C13-H10-O3
SYN: DIPHENYL CARBONATE * PHENYL CARBONATE
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:28 gm/kg/78W-I NTIS** PB223-159
2V02L60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBONIC ACID, DIPOTASSIUM SALT see: TS7750000
CARBONIC ACID, DISODIUM SALT see: VZ4050000
CARBONIC ACID, DITHALLIUM(1+) SALT see: XG4000000
FG0900000 CARBONIC ACID, DITHIO-, O-ALLYL ESTER, POTASSIUM SALT
UPDT:8303 CAS: 5454-74-0 MW: 172.31 MOLFM: C4-H5-O-S2-K
SYN: CARBONODITHIOIC ACID, O-2-PROPENYL ESTER, POTASSIUM SALT (9CI) * DITHIOCARBONIC ACID O-ALLYL ESTER POTASSIUM SALT * POTASSIUM ALLYL XANTHATE * XANTHIC ACID, ALLYL, POTASSIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:177 mg/kg AIPTAK 135,330,62
FG1050000 CARBONIC ACID, DITHIO-, S-BENZYL O-BUTYL ESTER
UPDT:8308 CAS: 5902-92-1 MW: 240.40 MOLFM: C12-H16-O-S2
SYN: O-n-BUTYL BENZYLXANTHATE * O-n-BUTYL S-BENZYL XANTHATE * O-BUTYL S-(PHENYLMETHYL)CARBONODITHIOATE * CARBONODITHIOIC ACID, O-BUTYL S-(PHENYLMETHYL) ESTER (9CI) * ENT 27,190 * THIOANHYDRIDE of BUTYL XANTHOGENIC ACID * TH 103-M * THOMPSON HAYWARD T H103-M * XANTHIC ACID, BUTYL-, BENZYL ESTER
TOXICITY DATA AND REFERENCES:
orl-mus LD50:108 mg/kg 28ZEAL 4,79,69
FG1100000 CARBONIC ACID, DITHIO-, O-BENZYL ESTER, POTASSIUM SALT
UPDT:8303 CAS: 2720-79-8 MW: 222.37 MOLFM: C8-H7-O-S2-K
SYN: CARBONODITHIOIC ACID, O-(PHENYLMETHYL)ESTER, POTASSIUM SALT (9CI) * DITHIOCARBONIC ACID O-BENZYL ESTER POTASSIUM SALT * POTASSIUM BENZYLXANTHATE * XANTHIC ACID, BENZYL-, POTASSIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:78 mg/kg AIPTAK 135,330,62
FG1223000 CARBONIC ACID, DITHIO-, O-BUTYL ESTER, POTASSIUM SALT
UPDT:8408 CAS: 871-58-9 MW: 188.36 MOLFM: C5-H9-O-S2-K
SYN: BUTYL POTASSIUM XANTHATE * CARBONODITHIOIC ACID, O-BUTYL ESTER, POTASSIUM SALT (9CI) * DITHIOCARBONIC ACID O-BUTYL ESTER POTASSIUM SALT * POTASSIUM BUTYLXANTHATE * POTASSIUM O-BUTYL XANTHATE * POTASSIUM BUTYLXANTHOGENATE * POTASSIUM XANTHOGENATE BUTYL ETHER * XANTHIC ACID, BUTYL-, POTASSIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:456 mg/kg 85GMAT -,102,82
* ihl-rat LC50:7690 mg/m3/2H 85GMAT -,102,82
* ivn-mus LD50:158 mg/kg AIPTAK 135,330,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FG1223050 CARBONIC ACID, DITHIO-, O-sec-BUTYL ESTER, POTASSIUM SALT
UPDT:8303 CAS: 141-96-8 MW: 188.36 MOLFM: C5-H9-O-S2-K
SYN: CARBONODITHIOIC ACID, O-(1-METHYLPROPYL) ESTER, POTASSIUM SALT (9CI) * DITHIOCARBONIC ACID O-sec-BUTYL ESTER POTASSIUM SALT * POTASSIUM sec-BUTYLXANTHATE * POTASSIUM sec-BUTYLXANTHOGENATE * XANTHIC ACID, sec-BUTYL-, POTASSIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:192 mg/kg AIPTAK 135,330,62
FG1350000 CARBONIC ACID, DITHIO-, cyclic S,S-ETHYLENE ESTER, O-(METHYLCARBAMOYL)OXIME
UPDT:8309 CAS: 1631-64-7 MW: 192.27 MOLFM: C5-H8-N2-O2-S2
SYN: AC 38,906 * AMERICAN CYANAMID EI-38906 * 1,3-DITHIOLAN-2-ONE, O-((METHYLAMINO)CARBONYL)OXIME * E I- 38,906 * ENT 27,086 * IMIDOCARBONIC ACID, ((METHYLCARBAMOYL)OXY)DITHIO-, cyclic ETHYLENE ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3100 ug/kg ARSIM* 20,1,66

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FG1370000 CARBONIC ACID, DITHIO-, O-ETHYL ESTER
UPDT 8401 CAS: 151-01-9 MW: 122.21 MOLFM: C3-H6-O-S2
SYN: CARBONODITHIOIC ACID, O-ETHYL ESTER * O-ETHYL DITHIOCARBAMATE * ETHYL XANTHATE * ETHYLXANTHIC ACID * ETHYL XANTHOGENATE * XANTHATE

MUTATION DATA AND REFERENCES:
cyt-rat-ihl 13050 ug/m3/16W-I GTPZAB 24(9),33,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FG1400000 CARBONIC ACID, DITHIO-, cyclic S,S-(6-METHYL-2,3-QUINOXALINEDIYL)ESTER
UPDT 8403 CAS: 2439-01-2 MW: 234.30 MOLFM: C10-H6-N2-O-S2
SYN: BAY 36205 * BAYER 4964 * BAYER 36205 * BAYER S:2074 * CHINOMETHIONAT * CHINOMETHIONATE * CYCLIC S,S-(6-METHYL-2,3-QUINOXALINEDIYL) DITHIOCARBONATE * DITHIOLO(4,5-b)QUINOXALIN-2-ONE, 6-METHYL- (9CI) * DITHIOQ,7INOX * ENT 25,606 * ERADE * ERAZIDON * FORSTAN * 6-METHYL-1,3-DITHIOLO(4,5-b)QUINOXALIN-2-ONE * 6-METHYL-2-OXO-1,3-DITHIOLO(4,5-b)QUINOXALINE * 6-METHYL-2,3-QUINOXALINE DITHIOCARBONATE * 6-METHYL-2,3-QUINOXALINEDITHIOL CYCLIC CARBONATE * 6-METHYL-2,3-QUINOXALINEDITHIOL CYCLIC DITHIOCARBONATE * 6-METHYL-2,3-QUINOXALINEDITHIOL CYCLIC S,S-DITHIOCARBONATE * 6-METHYL-QUINOXALINE-2,3-DITHIOLCYCLOCARBONATE * MORESTAN * MORESTANE * OXYTHIOQUINOX * QUINOMETHIONATE * 2,3-QUINOXALINEDITHIOL, 6-METHYL-, CYCLIC CARBONATE * 2,3-QUINOXALINEDITHIOL, 6-METHYL-, CYCLIC DITHIOCARBONATE (ESTER) * SS 2074

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1100 mg/kg WRPCA2 9,119,70
skn-rat LD50:500 mg/kg GUCHAZ 6,387,73
* ipr-rat LD50:95 mg/kg PHMCAA 9,206,67
ipr-mus LD50:473 mg/kg JPETAB 173,60,70
orl-gpg LD50:1500 mg/kg PCOC** -,769,66
orl-ckn LD50:980 mg/kg TXAPA9 11,49,67
unk-mam LD50:2500 mg/kg 30ZDA9 -,182,71

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

FG1500000 CARBONIC ACID, DITHIO-, O-CYCLOHEXYL ESTER, POTASSIUM SALT
UPDT 8303 CAS: 2720-77-6 MW: 214.40 MOLFM: C7-H11-O-S2-K
SYN: CARBONODITHIOIC ACID, O-CYCLOHEXYL ESTER, POTASSIUM SALT (9CI) * CYCLOHEXYL POTASSIUM XANTHATE * DITHIOCARBONIC ACID O-CYCLOHEXYL ESTER POTASSIUM SALT * POTASSIUM CYCLOHEXYL XANTHATE * XANTHIC ACID, CYCLOHEXYL-, POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:193 mg/kg AIPTAK 135,330,62

FG1510000 CARBONIC ACID, DITHIO-, O-DECYL ESTER, POTASSIUM SALT
UPDT 8303 CAS: 7308-25-0 MW: 272.54 MOLFM: C11-H21-O-S2-K
SYN: CARBONODITHIOIC ACID, O-DECYL ESTER, POTASSIUM SALT (9CI) * DITHIOCARBONIC ACID O-DECYL ESTER POTASSIUM SALT * POTASSIUM DECYLXANTHATE * XANTHIC ACID, DECYL-, POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:169 mg/kg AIPTAK 135,330,62

FG1575000 CARBONIC ACID, DITHIO-, O-ETHYL ESTER, POTASSIUM SALT
UPDT 8302 CAS: 140-89-6 MW: 161.31 MOLFM: C3-H6-O-S2-K
SYN: CARBONODITHIOIC ACID, O-ETHYL ESTER, POTASSIUM SALT (9CI) * (O-ETHYL DITHIOCARBONATO)POTASSIUM * O-ETHYL POTASSIUM DITHIOCARBONATE * ETHYL POTASSIUM XANTHATE * ETHYL POTASSIUM XANTHOGENATE * ETHYLXANTHIC ACID POTASSIUM SALT * POTASSIUM ETHYL DITHIOCARBONATE * POTASSIUM O-ETHYL DITHIOCARBONATE * POTASSIUM ETHYLXANTHATE * POTASSIUM ETHYL XANTHOGENATE * POTASSIUM XANTHATE * POTASSIUM XANTHOGENATE * XANTHIC ACID, ETHYL-, POTASSIUM SALT * Z3 * 2,3 (PESTICIDE)

TOXICITY DATA AND REFERENCES:
3F13F23F25 orl-rat LD50:1700 mg/kg GISAAA 41(6),95,76
3F13F23F25 orl-mus LD50:683 mg/kg GISAAA 41(6),95,76
scu-mus LDLo:400 mg/kg AIPTAK 12,447,04
* ivn-mus LD50:199 mg/kg AIPTAK 135,330,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FG1580500 CARBONIC ACID, DITHIO-, O-HEXYL ESTER, POTASSIUM SALT
UPDT 8303 CAS: 2720-76-5 MW: 216.42 MOLFM: C7-H13-O-S2-K
SYN: CARBONODITHIOIC ACID, O-HEXYL ESTER, POTASSIUM SALT (9CI) * DITHIOCARBONIC ACID O-HEXYL ESTER POTASSIUM SALT * HEXYLPOTASSIUM XANTHOGENATE * POTASSIUM HEXYLXANTHATE * POTASSIUM O-HEXYLXANTHATE * XANTHIC ACID, HEXYL-, POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:67 mg/kg AIPTAK 135,330,62

FG1581000 CARBONIC ACID, DITHIO-, O-ISOBUTYL ESTER, POTASSIUM SALT
UPDT 8302 CAS: 13001-46-2 MW: 188.36 MOLFM: C5-H9-O-S2-K
SYN: CARBONODITHIOIC ACID, O-(2-METHYLPROPYL)ESTER, POTASSIUM SALT (9CI) * ISOBUTYL POTASSIUM XANTHATE * POTASSIUM ISOBUTYL XANTHATE * POTASSIUM O-ISOBUTYL XANTHATE * POTASSIUM ISOBUTYRYL XANTHOGENATE

TOXICITY DATA AND REFERENCES:
3F13F23F25 orl-rat LD50:1290 mg/kg GISAAA 41(6),95,76
3F13F23F25 orl-mus LD50:480 mg/kg GISAAA 41(6),95,76
* ivn-mus LD50:158 mg/kg AIPTAK 135,330,62

FG1581300 CARBONIC ACID, DITHIO-, O-ISOPROPYL ESTER, POTASSIUM SALT
UPDT 8401 CAS: 140-92-1 MW: 174.33 MOLFM: C4-H7-O-S2-K
SYN: CARBONODITHIOIC ACID O-(1-METHYLETHYL) ESTER, POTASSIUM SALT (9CI) * DITHIOCARBONIC ACID O-ISOPROPYL ESTER POTASSIUM SALT * ISOPROPYL POTASSIUM XANTHATE * POTASSIUM ISOPROPYLXANTHATE * POTASSIUM ISOPROPYL XANTHOGENATE * XANTHIC ACID, ISOPROPYL-, POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:207 mg/kg AIPTAK 135,330,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FG1581700 CARBONIC ACID, DITHIO-, O-METHYL ESTER, POTASSIUM SALT
UPDT 8303 CAS: 2667-20-1 MW: 146.27 MOLFM: C2-H3-O-S2-K
SYN: CARBONODITHIOIC ACID, O-METHYL ESTER, POTASSIUM SALT (9CI) * DITHIOCARBONIC ACID O-METHYL ESTER POTASSIUM SALT * O-METHYL POTASSIUM DITHIOCARBONATE * POTASSIUM METHYLXANTHATE * POTASSIUM METHYL XANTHOGENATE * XANTHIC ACID, METHYL-, POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:243 mg/kg AIPTAK 135,330,62

FG1581800 CARBONIC ACID, DITHIO-, O-OCTYL ESTER, POTASSIUM SALT
UPDT 8303 CAS: 2720-80-1 MW: 244.48 MOLFM: C9-H17-O-S2-K
SYN: CARBONODITHIOIC ACID, O-OCTYL ESTER, POTASSIUM SALT (9CI) * DITHIOCARBONIC ACID O-OCTYL ESTER POTASSIUM SALT * POTASSIUM OCTYLXANTHATE * XANTHIC ACID, OCTYL-, POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:51 mg/kg AIPTAK 135,330,62

FG1581900 CARBONIC ACID, DITHIO-, O-PENTYL ESTER, POTASSIUM SALT
UPDT 8401 CAS: 2720-73-2 MW: 202.39 MOLFM: C6-H11-O-S2-K
SYN: AEROXANTHATE * AMYL POTASSIUM XANTHATE * CARBONODITHIOIC ACID, O-PENTYL ESTER, POTASSIUM SALT (9CI) * DITHIOCARBONIC ACID O-PENTYL ESTER POTASSIUM SALT * POTASSIUM AMYLXANTHATE * POTASSIUM AMYLXANTHOGENATE * POTASSIUM n-AMYLXANTHOGENATE * POTASSIUM PENTYLXANTHATE * POTASSIUM PENTYL XANTHOGENATE * XANTHIC ACID, PENTYL-, POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:99 mg/kg AIPTAK 135,330,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FG1581950 CARBONIC ACID, DITHIO-, O-PROPYL ESTER, POTASSIUM SALT
UPDT 8303 CAS: 2720-67-4 MW: 174.33 MOLFM: C4-H7-O-S2-K
SYN: CARBONODITHIOIC ACID, O-PROPYL ESTER, POTASSIUM SALT (9CI) * DITHIOCARBONIC ACID O-PROPYL ESTER POTASSIUM SALT * POTASSIUM PROPYLXANTHATE * POTASSIUM O-PROPYL XANTHATE * POTASSIUM PROPYL XANTHOGENATE * PROPYL POTASSIUM XANTHATE * XANTHIC ACID, PROPYL-, POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:178 mg/kg AIPTAK 135,330,62

FG1582000 CARBONIC ACID, ESTER with BIS(1-(2-HYDROXYETHYL)-3-(2,3-XYLYL)UREA)
UPDT 8310 CAS: 928-70-1 MW: 442.57 MOLFM: C23-H30-N4-O5
SYN: CARBONIC ACID, DIESTER with 1-(2,3-DIMETHYLPHENYL)-3-(2-HYDROXYETHYL)UREA * CARBONODITHIOIC ACID, O-(3-METHYLBUTYL)ESTER, POTASSIUM SALT (9CI) * ISOAMYL POTASSIUM XANTHATE * POTASSIUM ISOAMYL XANTHATE * POTASSIUM ISOAMYL XANTHOGENATE * POTASSIUM ISOPENTYL XANTHATE

TOXICITY DATA AND REFERENCES:
3F13F23F25 orl-rat LD50:765 mg/kg GISAAA 41(6),95,76
3F13F23F25 orl-mus LD50:470 mg/kg GISAAA 41(6),95,76
* ivn-mus LD50:13 mg/kg CSLNX* NX#08864

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FG1583000 CARBONIC ACID, (2-(ETHOXYCARBONYL)-1-METHYL)ETHYL p-IODOBENZYL ESTER
UPDT 8310 CAS: 60075-74-3 MW: 392.21 MOLFM: C14-H17-I-O5

TOXICITY DATA AND REFERENCES:
3F13F23F25 orl-rat LD50:1700 mg/kg GISAAA 41(6),95,76
3F13F23F25 orl-mus LD50:583 mg/kg GISAAA 41(6),95,76
ipr-mus LD50:3 gm/kg JMCMAR 19,1362,76

FG1605000 CARBONIC ACID, ETHYL OCTYNYL ESTER
UPDT 8305 CAS: 1322-12-9 MW: 182.29 MOLFM: C11-H18-O2
SYN: ETHYL 2-NONYNOATE * ETHYL OCTINE CARBONATE * ETHYL OCTYNE CARBOXYLATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2850 mg/kg FCTXAV 13,97,75

FG1609000 CARBONIC ACID, ETHYL alpha,alpha,alpha-TRIFLUORO-2-NITRO-p-TOLYL ESTER
UPDT 8311 CAS: 20852-49-7 MW: 279.19 MOLFM: C10-H8-F3-N-O5

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg JPMSAE 57,1763,68

CARBONIC ACID GAS see: FF6400000
CARBONIC ACID, LEAD(2+) SALT (1:1) see: OF9275000
CARBONIC ACID LITHIUM SALT see: OJ5800000
CARBONIC ACID, 1-METHYLETHYL 2-(1-METHYLPROPYL)-4,6-DINITROPHENYLESTER (9CI) see: FF9100000

FG1820000 CARBONIC ACID, METHYL 4-(o-TOLYLAZO)-o-TOLYL ESTER
UPDT 8401 CAS: 63042-08-0 MW: 284.34 MOLFM: C16-H16-N2-O3
SYN: 4'-CARBOMETHOXY-2,3'-DIMETHYLAZOBENZENE * 4'-CARBOMETHOXY-2,3'-DIMETHYLAZOBENZOL * 2,3'-DIMETHYLAZOBENZENE-4'-METHYLCARBONATE

TUMORIGENIC DATA AND REFERENCES:
2V03M60 orl-rat TDLo:27 gm/kg/43W-C GANNA2 33,196,39

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBONIC ACID, MONOAMMONIUM SALT see: BO8600000
CARBONIC ACID MONOSODIUM SALT see: VZ0950000
CARBONIC ACID, NICKEL SALT (1:1) see: QR6200000

FG2080000 CARBONIC ACID, OXYDIETHYLENEDI-, DIALLYL ESTER
UPDT 8306 CAS: 142-22-3 MW: 274.30 MOLFM: C12-H18-O7
SYN: ALLYL DIGLYCOL CARBONATE * CARBONIC ACID, ALLYL ESTER, DIESTER with DIETHYLENE GLYCOL * CR 39 * DAGC * DIALLYL DIGLYCOL CARBONATE * DIETHYLENE GLYCOL, BIS(ALLYL CARBONATE) * 01M * RAV 7 * 2,5,8,10-TETRAOXATRIDEC-12-ENOIC ACID, 9-OXO-, 2-PROPENYL ESTER (9CI) * TRANSALLYL CR 39

IRRITATION DATA AND REFERENCES:
skn-hmn 2%/48H CODEDG 2,183,76

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:270 mg/kg JPETAB 90,338,47

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0979-0311

FG2150000 CARBONIC ACID, THIO-, S-BUTYL O-(2-sec-BUTYL-4,6-DINITROPHENYL) ESTER
UPDT 8309 CAS: 14355-07-8 MW: 356.43 MOLFM: C15-H20-N2-O6-S
SYN: S-BUTYL O-(2-(1-METHYLPROPYL)-4,6-DINITROPHENYL)CARBONOTHIOATE * CARBONOTHIOIC ACID, S-BUTYL O-(2-(1-METHYLPROPYL)-4,6-DINITROPHENYL) ESTER * ENT 27,365 * R-11114 * STAUFFER R-11114

TOXICITY DATA AND REFERENCES:
orl-rat LD50:147 mg/kg ARSIM* 20,24,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FG2180000 CARBONIC ACID, THIO-, O-(2-sec-BUTYL-4,6-DINITROPHENYL) S-ETHYL ESTER
UPDT 8309 CAS: 6074-15-3 MW: 328.37 MOLFM: C13-H16-N2-O6-S
SYN: CARBONOTHIOIC ACID, S-ETHYL O-(2-(1-METHYLETHYL)-4,6-DINITROPHENYL) ESTER * ENT 27,367 * S-ETHYL O-(2-(1-METHYLETHYL)-4,6-DINITROPHENYL) CARBONOTHIOATE * NSC 190963 * R-11260 * STAUFFER R-11260

TOXICITY DATA AND REFERENCES:
orl-rat LD50:147 mg/kg ARSIM* 20,24,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FG2190000 CARBONIC ACID, THIO-, O-(2-sec-BUTYL-4,6-DINITROPHENYL) S-METHYL ESTER
UPDT 8309 CAS: 5389-12-8 MW: 314.34 MOLFM: C12-H14-N2-O6-S
SYN: CARBONOTHIOIC ACID, S-METHYL O-(2-(1-METHYLPROPYL)-4,6-DINITROPHENYL) ESTER * ENT 27,366 * S-METHYL O-(2-(1-METHYLPROPYL)-4,6-DINITROPHENYL) CARBONOTHIOATE * NSC 190962 * R-11259 * STAUFFER R-11259

TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg ARSIM* 20,24,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FG2200000 CARBONIC ACID, THIO-, O-(2-sec-BUTYL-4,6-DINITROPHENYL) S-PROPYL ESTER
UPDT 8309 CAS: 14355-12-5 MW: 342.40 MOLFM: C14-H18-N2-O6-S
SYN: CARBONOTHIOIC ACID, O-(2-(1-METHYLPROPYL)-4,6-DINITROPHENYL) S-PROPYL ESTER * ENT 27,368 * O-(2-(1-METHYLPROPYL)-4,6-DINITROPHENYL) S-PROPYL CARBONOTHIOATE * NSC 190964 * R-11261 * STAUFFER R-11261

TOXICITY DATA AND REFERENCES:
orl-rat LD50:584 mg/kg ARSIM* 20,24,66

FG2472000 CARBONIC ACID, THIO-, S-(2-(4-METHYL-5-THIAZOLYL)ETHYL) ESTER, SODIUM SALT
UPDT 8306 MW: 225.27 MOLFM: C7-H8-N-O2-S2-Na
SYN: THIOCARBONIC ACID S-(2-(4-METHYL-5-THIAZOLYL)ETHYL) ESTER SODIUM SALT

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2550 mg/kg THERAP 26,497,71

FG2625000 CARBONIC ACID, TRITHIO-, BIS(2-CHLOROETHYL)ESTER
UPDT 8310 CAS: 63938-92-1 MW: 235.21 MOLFM: C5-H8-Cl2-S3
SYN: TI 960

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:500 mg/m3/10M NDRC** No 9-4-1-19,44

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

FG2700000 CARBONIC ACID, TRITHIO-, CYCLIC ESTER with 2,3-QUINOXALINEDITHIOL
UPDT:8309 CAS: 93-75-4 MW: 236.33 MOLFM: C9-H4-N2-S3
SYN: BAY 30686 * BAYER 4935 * BAYER 30686 * BAYER 31686 * CHINOTHIONAT * CHINOXALIN-2,3-DIYL TRITHIOCARBONAT (German) * 1,3-DITHIOLO(4,5-b)QUINOXALINE 2-THIONE * ENT 25,579 * ERADEX * ERADITON * ERAZIDON * QUINOTHIONATE * 2,3-QUINOXALINEDITHIOL cyclic TRITHIOCARBONATE * QUINOXALINE-2,3-DIYL TRITHIOCARBONATE * READEX * SS 1451 * THIAQUINOX * 2-THIO-1,3-DITHIO(4,5 b)QUINOXALINE * THIOQUINOX * TRITHIOCARBONIC ACID, CYCLIC ESTER with 2,3-QUINOXALINEDITHIOL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1800 mg/kg — WRPCA2 9,119,70
ipr-rat LD50:230 mg/kg — 30ZDA9 -,182,71

FG3325000 CARBONIC ACID, cyclic VINYLENE ESTER
UPDT:8401 CAS: 872-36-6 MW: 86.05 MOLFM: C3-H2-O3
SYN: 1,3-DIOXOL-2-ONE (9CI) * VINYLENE CARBONATE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:1760 mg/kg/44W-I — BJCAAI 19,392,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FG3375000 CARBONIC ACID, ZINC SALT (1:1)
UPDT:8408 CAS: 3486-35-9 MW: 125.38 MOLFM: C-O3 Zn
SYN: NA 9157 (DOT) * ZINC CARBONATE (1:1) * ZINC CARBONATE (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T44 orl-mus TDLo:2800 mg/kg (14D post) — 32XPAD -,83,75
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBONIC ANHYDRIDE see: FF6400000
CARBONIC ANHYDRASE INHIBITOR NO. 6063 see: AC8225000
CARBONIC DIFLUORIDE (9CI) see: FG6125000
CARBON ICE (DOT) see: FF6400000
CARBONIC OXIDE see: FG3500000
CARBONIMIDIC DICHLORIDE, PHENYL- (9CI) see: NJ6700000
CARBONIMIDIC DIHYDRAZIDE, BIS((4-CHLOROPHENYL)METHYLENE)- see: ME8650000

FG3414500 CARBONIMIDODITHIOIC ACID, 3-PYRIDINYL-, BUTYL (4-(1,1-DIMETHYLETHYL)PHENYL)METHYL ESTER
UPDT:8405 CAS: 51308-54-4 MW: 372.63 MOLFM: C21-H28-N2-S2
SYN: BUTHIOBATE * BUTYL 4-tert-BUTYLBENZYL N-(3-PYRIDYL)DITHIOCARBONIMIDATE * S-n-BUTYL S'-p-tert-BUTYLBENZYL N-3-PYRIDYLDITHIOCARBONIMIDATE * DENMERT * 3-PYRIDINYLCARBONIMIDODITHIOIC ACID BUTYL (4-(1,1-DIMETHYLETHYL)PHENYL)METHYL ESTER * S-1358
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2700 mg/kg — ABCHA6 39,1605,75
2,2'-(CARBONIMIDOYLBIS(IMINO-4,1-PHENYLENEETHYLIDYNE))BISHYDRAZINECARBOXIMIDAMIDE HCl see: MV1674000
CARBONIO (OSSICLORURO DI) (Italian) see: SY5600000
CARBONIO (OSSIDO DI) (Italian) see: FG3500000
CARBONIO (SOLFURO DI) (Italian) see: FF6650000

FG3500000 CARBON MONOXIDE
UPDT:8412 CAS: 630-08-0 MW: 28.01 MOLFM: C-O
SYN: CARBONE (OXYDE DE) (French) * CARBONIC OXIDE * CARBONIO (OSSIDO DI) (Italian) * CARBON MONOXIDE (DOT) * CARBON OXIDE (CO) * EXHAUST GAS * FLUE GAS * KOHLENMONOXID (German) * KOOLMONOXYDE (Dutch) * OXYDE DE CARBONE (French) * UN 1016 (DOT) * WEGLA TLENEK (Polish)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 ihl-rat TCLo:150 ppm/24H (1-22D preg) — TXAPA9 56,370,80
2T81T85 ihl-rat TCLo:150 ppm/24H (1-22D preg) — NETOD7 2,7,80
3T14T16T22 ihl-rat TCLo:1 mg/m3/24H (72D pre) — HYSAAV 35(4-6),277,70
2T81T91 ihl-rat TCLo:1 mg/m3/24H (72D pre) — HYSAAV 35(4-6),277,70
1T85 ihl-mus TCLo:65 ppm/24H (7-18D preg) — TJADAB 29(2),88,84
2T25T46 ihl-mus TCLo:250 ppm/7H (6-15D preg) — TJADAB 19,385,79
1T34 ihl-mus TCLo:250 ppm/24H (6-15D preg) — TJADAB 19,385,79
3T26T34T35 ihl-mus TCLo:8 pph/1H (8D preg) — FPNJAG 11,301,58
1T41 ihl-mus TCLo:8 pph/1H (8D preg) — FPNJAG 11,301,58
2T71T75 ihl-rbt TCLo:180 ppm/24H (1-30D preg) — LANCAO 2,1220,72
TOXICITY DATA AND REFERENCES:
ihl-man LCLo:4000 ppm/30M — 29ZWAE -,207,68
2P24F42 ihl-man TCLo:650 ppm/45M — AIHAAP 34,212,73
ihl-rat LC50:1807 ppm/4H — TXAPA9 17,752,70
ihl-mus LC50:2444 ppm/4H — TXAPA9 17,752,70
ihl-dog LCLo:4000 ppm/46M — HBAMAK 4,1360,35
ihl-rbt LCLo:4000 ppm — HBAMAK 4,1360,35
ihl-gpg LC50:5718 ppm/4H — TXAPA9 17,752,70
ihl-mam LCLo:5000 ppm/5M — AEPPAE 138,65,28
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ENVRAL 10,236,75; EVHPAZ 11,163,75; AOHYA3 17(2),143,74; CLCHAU 19,361,73; AJMEAZ 38,409,65; FNSCA6 2,67,73; AOHYA3 17,159,74; NTIS** CONF-691001; BPAAAG 135,350,67
★ TLV-TWA 50 ppm; STEL 400 ppm — DTLVS* 4,72,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm (SCP-W) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CARBON MONOXIDE recm std-air:TWA 35 ppm;CL 200 ppm — NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S340*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBON MONOXIDE (DOT) see: FG3500000

FG3582000 CARBON MONOXIDE and HYDROGEN, mixture
UPDT:8312
SYN: CARBON MONOXIDE and HYDROGEN, mixture (DOT) * UN 2600 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS — CFRGBR 49,172.102,83
CARBON MONOXIDE and HYDROGEN, mixture (DOT) see: FG3582000
CARBON NITRIDE see: GT1925000
CARBON NITRIDE ION (CN(sup 1-)) see: GS7175000
CARBONOCHLORIDE ACID, 1-METHYLETHYL ESTER see: LQ6475000
CARBONOCHLORIDIC ACID, BUTYL ESTER (9CI) see: LQ5890000
CARBONOCHLORIDIC ACID, CHLOROMETHYL ESTER (9CI) see: LQ5970000

FG3650000 CARBONOCHLORIDIC ACID, CYCLOBUTYL ESTER
UPDT:8312 CAS: 81228-87-7 MW: 134.57 MOLFM: C5-H7-Cl-O2
SYN: CYCLOBUTYLCHLOROFORMATE * CYCLOBUTYLCHLOROFORMATE (DOT) * UN 2744 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON, CORROSIVE, FLAMMABLE LIQUID — CFRGBR 49,172.102,83

FG3655000 CARBONOCHLORIDIC ACID, (1,1-DIMETHYLETHYL)CYCLOHEXYL ESTER
UPDT:8312 CAS: 70042-58-9 MW: 218.75 MOLFM: C11-H19-Cl-O2
SYN: tert-BUTYLCYCLOHEXYL CHLOROFORMATE * tert-BUTYLCYCLOHEXYLCHLOROFORMATE (DOT) * UN 2747 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83

FG3660000 CARBONOCHLORIDIC ACID, 2-ETHYLHEXYL ESTER
UPDT:8401 CAS: 24468-13-1 MW: 192.71 MOLFM: C9-H17-Cl-O2
SYN: ETHYLHEXYL CHLOROFORMATE * 2-ETHYLHEXYL CHLOROFORMATE * 2-ETHYLHEXYL CHLOROFORMATE (DOT) * UN 2748 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:CORROSIVE AND POISON — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FG3675000 CARBONOCHLORIDIC ACID, METHYL ESTER
UPDT:8406 CAS: 79-22-1 MW: 94.50 MOLFM: C2-H3-Cl-O2
SYN: CHLORAMEISENSAEURE METHYLESTER (German) * CHLOROCARBONATE DE METHYLE (French) * CHLOROCARBONIC ACID METHYL ESTER * CHLOROFORMIATE DE METHYLE (French) * CHLOROFORMIC ACID METHYL ESTER * FORMIC ACID, CHLORO-, METHYL ESTER * MCF * METHOXYCARBONYL CHLORIDE * METHYLCHLOORFORMIAAT (Dutch) * METHYL CHLOROCARBONATE * METHYL CHLOROCARBONATE (DOT) * METHYL CHLOROFORMATE * METHYL CHLOROFORMATE (DOT) * METILCLOROFORMIATO (Italian) * RCRA WASTE NUMBER U156 * TL 438 * UN 1238 (DOT)
TOXICITY DATA AND REFERENCES:
2D25J30 ihl-man TCLo:5 mg/m3 — GISAAA 42(5),97,77
orl-rat LD50:110 mg/kg — TXAPA9 42,417,77
ihl-rat LC50:88 ppm/1H — TXAPA9 42,417,77
orl-mus LD50:67 mg/kg — GISAAA 42(5),97,77
ihl-mus LC50:185 mg/m3/2H — GISAAA 42(5),97,77
skn-mus LD50:1750 mg/kg — GISAAA 42(5),97,77
ipr-mus LD50:40 mg/kg — NTIS** AD691-490
ihl-cat LCLo:1500 mg/m3/30M — GISAAA 42(5),97,77
skn-rbt LD50:7120 mg/kg — TXAPA9 42,417,77
orl-gpg LD50:140 mg/kg — GISAAA 42(5),97,77
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FG3850000 CARBONOCHLORIDIC ACID, PHENYL ESTER
UPDT:8312 CAS: 1885-14-9 MW: 156.57 MOLFM: C7-H5-Cl-O2
SYN: CHLOROFORMIC ACID PHENYL ESTER * FENYLESTER KYSELINY CHLORMRAVENCI (Czech) * FORMIC ACID, CHLORO-, PHENYL ESTER * PHENYL CHLOROCARBONATE * PHENYL CHLOROFORMATE * PHENYLCHLOROFORMATE (DOT) * UN 2746 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — 28ZPAK -,163,72
eye-rbt 50 ug/24H SEV — 28ZPAK -,163,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1410 mg/kg — AIHAAP 30,470,69
ihl-rat LCLo:44 ppm/4H — AIHAAP 30,470,69
skn-rbt LD50:3970 mg/kg — AIHAAP 30,470,69
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:CORROSIVE AND POISON — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CARBONOCHLORIDIC ACID, PROPYL ESTER see: LQ6830000
CARBONODITHIOIC ACID, O-BUTYL ESTER, POTASSIUM SALT (9CI) see: FG1223000
CARBONODITHIOIC ACID, O-BUTYL S-(PHENYLMETHYL) ESTER (9CI) see: FG1050000
CARBONODITHIOIC ACID, O-CYCLOHEXYL ESTER, POTASSIUM SALT (9CI) see: FG1500000
CARBONODITHIOIC ACID, O-DECYL ESTER, POTASSIUM SALT (9CI) see: FG1510000
CARBONODITHIOIC ACID, O-ETHYL ESTER see: FG1370000
CARBONODITHIOIC ACID, O-ETHYL ESTER, POTASSIUM SALT (9CI) see: FG1575000
CARBONODITHIOIC ACID, O-HEXYL ESTER, POTASSIUM SALT (9CI) see: FG1580500
CARBONODITHIOIC ACID, O-(3-METHYLBUTYL)ESTER, POTASSIUM SALT (9CI) see: FG1582000
CARBONODITHIOIC ACID, O-METHYL ESTER, POTASSIUM SALT (9CI) see: FG1581700
CARBONODITHIOIC ACID, O-(1-METHYLETHYL) ESTER, POTASSIUM SALT (9CI) see: FG1581300
CARBONODITHIOIC ACID, O-(1-METHYLPROPYL) ESTER, POTASSIUM SALT (9CI) see: FG1223050
CARBONODITHIOIC ACID, O-(2-METHYLPROPYL)ESTER, POTASSIUM SALT (9CI) see: FG1581000
CARBONODITHIOIC ACID, O-OCTYL ESTER, POTASSIUM SALT (9CI) see: FG1581800
CARBONODITHIOIC ACID, O-PENTYL ESTER, POTASSIUM SALT (9CI) see: FG1581900
CARBONODITHIOIC ACID, O-(PHENYLMETHYL)ESTER, POTASSIUM SALT (9CI) see: FG1100000
CARBONODITHIOIC ACID, O-2-PROPENYL ESTER, POTASSIUM SALT (9CI) see: FG0900000
CARBONODITHIOIC ACID, O-PROPYL ESTER, POTASSIUM SALT (9CI) see: FG1581950
CARBONOHYDRAZONIC DIHYDRAZIDE, MONONITRATE (9CI) see: MF6682000
CARBON OIL see: CY1400000
CARBONOPEROXOIC ACID, DISODIUM SALT (9CI) see: WD3490000
CARBONOTHIOIC ACID, O-(2-(1-METHYLPROPYL)-4,6-DINITROPHENYL) S-PROPYL ESTER see: FG2200000
CARBONOTHIOIC ACID, S-BUTYL O-(2-(1-METHYLPROPYL)-4,6-DINITROPHENYL) ESTER see: FG2150000
CARBONOTHIOIC ACID, S-ETHYL O-(2-(1-METHYLETHYL)-4,6-DINITROPHENYL) ESTER see: FG2180000
CARBONOTHIOIC ACID, S-METHYL O-(2-(1-METHYLPROPYL)-4,6-DINITROPHENYL) ESTER see: FG2190000
CARBONOTHIOIC DICHLORIDE (9CI) see: XN2450000

FG3920000 CARBONOTRITHIOIC ACID, METHYL TRICHLOROMETHYL ESTER
UPDT:8307 CAS: 25991-93-9 MW: 241.59 MOLFM: C3-H3-Cl3-S3
SYN: PERTHIOXANTHATE TRICHLOROMETHYL METHYL * TRICHLOROMETHYL METHYL PERTHIOXANTHATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1540 mg/kg — AIHAAP 30,470,69
* skn-rbt LD50:1300 mg/kg — AIHAAP 30,470,69

FG3945000 CARBONOTRITHIOIC ACID, 2-PROPENYLTRICHLOROMETHYL ESTER
UPDT:8307 CAS: 64057-58-5 MW: 267.63 MOLFM: C5-H5-Cl3-S3
SYN: PERTHIOXANTHATE TRICHLOROMETHYL ALLYL * TRICHLOROMETHYL ALLYL PERTHIOXANTHATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2180 mg/kg — AIHAAP 30,470,69
* skn-rbt LD50:600 mg/kg — AIHAAP 30,470,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBON OXIDE (CO) see: FG3500000
CARBON OXIDE SULFIDE (9CI) see: FG6400000
CARBON OXYCHLORIDE see: SY5600000
CARBON OXYFLUORIDE see: FG6125000
CARBON OXYSULFIDE see: FG6400000

FG4400000 CARBON REMOVER (liquid)
UPDT:8308
SYN: CARBON REMOVER, LIQUID (DOT) * UN 1132 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82
CARBON REMOVER, LIQUID (DOT) see: FG4400000
CARBON S see: FD3500000
CARBON SILICIDE see: VW0450000

BEST COPY AVAILABLE

CARBON SULFIDE see: FF6650000
CARBON TET see: FG4900000

FG4725000 CARBON TETRABROMIDE

UPDT:8312 CAS: 558-13-4 MW: 331.65 MOLFM: C-Br4
SYN: CARBON BROMIDE * CARBON TETRABROMIDE (DOT) * METHANE, TETRABROMIDE * METHANE, TETRABROMO- * TETRABROMOMETHANE * UN 2516 (DOT)

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:1000 mg/kg	14CYAT 2,1270,63
	scu-mus LD50:298 mg/kg	TXAPA9 4,354,62
*	ivn-mus LD50:56 mg/kg	CSLNX* NX#01612

REVIEW AND REFERENCES:

★ TLV-TWA 100 ppb; STEL 300 ppb — DTLVS* 4,74,80

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
CARBON TETRABROMIDE (DOT) see: FG4725000

FG4900000 CARBON TETRACHLORIDE

UPDT:8412 CAS: 56-23-5 MW: 153.81 MOLFM: C-Cl4
SYN: BENZINOFORM * CARBONA * CARBON CHLORIDE * CARBON TET * CARBON TETRACHLORIDE (DOT) * CZTEROCHLOREK WEGLA (Polish) * ENT 4,705 * FASCIOLIN * FLUKOIDS * METHANE TETRACHLORIDE * METHANE, TETRACHLORO- * NECATORINA * NECATORINE * PERCHLOROMETHANE * R 10 * RCRA WASTE NUMBER U211 * TETRACHLOORKOOLSTOF (Dutch) * TETRACHLOORMETAAN * TETRACHLORKOHLENSTOFF, TETRA (German) * TETRACHLORMETHAN (German) * TETRACHLOROCARBON * TETRACHLOROMETHANE * TETRACHLORURE DE CARBONE (French) * TETRACLOROMETANO (Italian) * TETRACLORURO DI CARBONIO (Italian) * TETRAFINOL * TETRAFORM * UN 1846 (DOT) * TETRASOL * UNIVERM * VERMOESTRICID

IRRITATION DATA AND REFERENCES:

	skn-rbt 4 mg MLD	XEURAQ MDDC-1715
	eye-rbt 2200 ug/30S MLD	XEURAQ MDDC-1715
	eye-rbt 500 mg/24H SEV	28ZPAK -,28,72

MUTATION DATA AND REFERENCES:

	mmo-sat 20 ul/L	EJMBA2 18,213,83
	dnd-esc 300 ppm	MUREAV 89,95,81
	dnd-rat-ipr 367 umol/kg	IJCNAW 11,419,73
	dnd-rat-scu 31 gm/kg/12W-I	FHCYAI 13,207,75
	dnd-rat-lvr 3 mmol/L	SinJF# 26OCT82
	dnd-rat-orl 10 umol/kg	CBINA8 33,301,81
	cyt-rat-scu 31 gm/kg/12W-I	FHCYAI 13,207,75
	dnd-mus-ipr 367 umol/kg	IJCNAW 11,419,73
	dnd-mus-lvr 10 umol	PAACA3 24,81,83
	dns-mus-orl 100 mg/kg	ENMUDM 6,474,84
	dni-mus-orl 2 gm/kg	MUREAV 46,305,77
	hma-mus/ast 6 gm/kg	GANNA2 66,99,75
	otr-ham:emb 500 ug/L	CRNGDP 4,291,83
	dnd-mam:lym 1 mmol/L	TOLED5 11,243,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:2 gm/kg (7-8D preg)	85DJA5 -,95,71
1T31	orl-rat TDLo:3 gm/kg (14D preg)	BEXBAN 82,1262,76
3T34T46T55	ihl-rat TCLo:300 ppm/7H (6-15D preg)	TXAPA9 28,452,74
2T75T76	ihl-rat TCLo:250 ppm/8H (10-15D preg)	DABBBA 32,2021,71
2T02T03	ipr-rat TDLo:71500 mg/kg (15D male)	EXPEAM 22,395,66
1T09	ipr-rat TDLo:5 gm/kg (1D male)	TXCYAC 10,39,78
2T34T51	par-rat TDLo:2384 mg/kg (18D preg)	BEXBAN 76,1467,73

TUMORIGENIC DATA AND REFERENCES:

2V03L60	scu-rat TDLo:15600 mg/kg/12W-I	JNCIAM 38,891,67
3V02L60R60	orl-mus TDLo:4400 mg/kg/19W-I	JNCIAM 20,431,58
2V03L60	par-mus TDLo:305 gm/kg/30W-I	BEXBAN 89,845,80
3V03L04L60	orl-ham TDLo:9250 mg/kg/30W-I	JNCIAM 26,855,61
2V02L60	orl-mus TD :12 gm/kg/88D-I	JNCIAM 4,385,44
2V03L60	scu-rat TD :100 gm/kg/25W-I	KRMJAC 12,37,65
2V03L60	scu-rat TD :31 gm/kg/12W-I	JNCIAM 45,1237,70
3V01L60N62	scu-rat TD :182 gm/kg/70W-I	JNCIAM 44,410,70
2V02L60	orl-mus TD :8580 mg/kg/9W-I	JNCIAM 4,383,44
2V02L60	orl-mus TD :57600 mg/kg/12W-I	JNCIAM 2,197,41

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:43 mg/kg	32ZWAA 8,128,74
1K13	ihl-hmn TCLo:20 ppm	85CYAB 2,136,59
3D15F24F25	orl-wmn TDLo:1800 mg/kg	TXMDAX 69,86,73
3F11J30K30	orl-man TDLo:1700 mg/kg	SAMJAF 49,635,75
	ihl-hmn LCLo:1000 ppm	PCOC** -,198,66
3F07F14K13	ihl-hmn TCLo:45 ppm/3D	LANCAO 1,360,60
1K13	ihl-hmn TCLo:317 ppm/30M	JAMAAP 103,962,34
	unk-man LDLo:93 mg/kg	85DCAI 2,73,70
	orl-rat LD50:2800 mg/kg	TXAPA9 17,498,70
	ihl-rat LCLo:4000 ppm/4H	JIHTAB 31,343,49
	skn-rat LD50:5070 mg/kg	SPEADM 74-1,-,74
	ipr-rat LD50:1500 mg/kg	XEURAQ MDDC-1715
*	orl-mus LD50:9 gm/kg	GISAAA 33(1),32,68
	ihl-mus LC50:9520 ppm/8H	JIHTAB 29,382,47
*	ipr-mus LD50:4600 mg/kg	BCFAAI 111,293,72
	scu-mus LDLo:12 gm/kg	AEXPBL 97,86,23
	orl-dog LDLo:1000 mg/kg	QJPPAL 7,205,34
	ihl-dog LCLo:14620 ppm/8H	NIHBAZ 191,1,49
	ipr-dog LD50:1500 mg/kg	TXAPA9 10,119,67
	ivn-dog LDLo:125 mg/kg	QJPPAL 7,205,34
	ihl-cat LCLo:38110 ppm/2H	HBAMAK 4,1405,35
	scu-cat LDLo:300 mg/kg	JPETAB 63,153,38
*	orl-rbt LD50:5760 mg/kg	GISAAA 33(1),32,68
	ipr-rbt LDLo:478 mg/kg	GASTAB 71,118,76
	scu-rbt LDLo:3000 mg/kg	QJPPAL 7,205,34
	ivn-rbt LD50:5840 mg/kg	ZAPPAN 118,305,74
*	orl-gpg LD50:5760 mg/kg	85GMAT -,33,82
	ihl-gpg LCLo:20000 ppm/2H	FLCRAP 1,197,67
	ihl-frg LCLo:58000 mg/m3	AEXPBL 97,86,23
*	ihl-mam LC50:34500 mg/m3	GTPZAB 24(3),17,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARZNAD 24(2),173,74; 32XPAD -,49,75; PAREAQ 4,1,52; AJMEAZ 38,409,65; BNYMAM 54,413,78; CTOXAO 13,231,78; 85CVA2 5,250,70; CRTXB2 7,177,80; JTEHD6 6,1133,80

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 20,371,79
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 20,371,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 1,53,72
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 1,53,72
★ TLV-SUSPECTED CARCINOGEN	DTLVS* 4,74,80
★ TLV-TWA 5 ppm; STEL 20 ppm (skin)	DTLVS* 4,74,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ppm;Cl 25;Pk 200/5M/4H (SCP-J)	FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE	CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CARBON TETRACHLORIDE recm std-air:CL 2 ppm/60M	NTIS**

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0979-0310;8EHQ-0378-0110;8EHQ-0378-0113
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBON TETRACHLORIDE (DOT) see: FG4900000

FG4920000 CARBON TETRAFLUORIDE

UPDT:8403 CAS: 75-73-0 MW: 88.01 MOLFM: C-F4
SYN: ARCTON 0 * CARBON FLUORIDE * F 14 * FC 14 * FREON 14 * HALOCARBON 14 * HALON 14 * METHANE, TETRAFLUORO- * PERFLUOROMETHANE * R 14 * R 14 (REFRIGERANT) * TETRAFLUOROMETHANE * TETRAFLUOROMETHANE (DOT) * UN 1982 (DOT)

TOXICITY DATA AND REFERENCES:

	ihl-rat LCLo:895000 ppm/15M	MRLR** No.23,50

STANDARDS & REGULATIONS:

★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
CARBON TRIFLUORIDE see: PB6900000
5,5'-CARBONYLBISTHIOPHENESULFONAMIDE see: XN0295000
CARBONYLCHLORID (German) see: SY5600000
CARBONYL CHLORIDE see: SY5600000
CARBONYL CHLORIDE (DOT) see: SY5600000
CARBONYL CHLORIDE, THIO- see: XN2450000
CARBONYL DIAMIDE see: YR6250000
CARBONYLDIAMINE see: YR6250000
CARBONYL DIFLUORIDE see: FG6125000
3,3'-(CARBONYLDIIMINO)BISBENZENECARBOXIMIDAMIDE DIESTHIONATE see: FE0200000

FG6125000 CARBONYL FLUORIDE

UPDT:8406 CAS: 353-50-4 MW: 66.01 MOLFM: C-F2-O
SYN: CARBON DIFLUORIDE OXIDE * CARBON FLUORIDE OXIDE * CARBONIC DIFLUORIDE (9CI) * CARBON OXYFLUORIDE * CARBONYL DIFLUORIDE * CARBONYL FLUORIDE (DOT) * DIFLUOROFORMALDEHYDE * FLUOPHOSGENE * FLUOROFORMYL FLUORIDE * FLUOROPHOSGENE * RCRA WASTE NUMBER U033 * UN 2417 (DOT)

TOXICITY DATA AND REFERENCES:

3J08J13L03	ihl-rat LC50:360 ppm/1H	AIHAAP 29,41,68

REVIEW AND REFERENCES:

★ TLV-TWA 2 ppm; STEL 5 ppm — DTLVS* 4,76,80

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON A; LABEL:POISON GAS — CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARBONYL FLUORIDE (DOT) see: FG6125000

FG6400000 CARBONYL SULFIDE

UPDT:8312 CAS: 463-58-1 MW: 60.07 MOLFM: C-O-S
SYN: CARBON OXIDE SULFIDE (9CI) * CARBON OXYSULFIDE * CARBONYL SULFIDE (DOT) * CARBONYL SULFIDE (sup 32)S * OXYCARBON SULFIDE * UN 2204 (DOT)

TOXICITY DATA AND REFERENCES:

	ihl-rat LCLo:1400 ppm/75M	BDCBAD 76,299,43
3F19J22J24	ipr-rat LD50:23 mg/kg	TXAPA9 55,198,80
	ihl-mus LCLo:1200 ppm/35M	BDCBAD 76,299,43
	ihl-cat LCLo:1000 ppm/90M	BDCBAD 76,299,43
	ihl-rbt LCLo:1000 ppm/90M	BDCBAD 76,299,43

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS — CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
CARBONYL SULFIDE-(sup 32)S see: FG6400000
CARBONYL SULFIDE (DOT) see: FG6400000
CARBOPHENOTHION see: TD5250000
CARBOPHOS see: WM8400000
CARBOPOL 934 see: AT4680000
CARBOPOL 940 see: AT4680000
CARBOPOL 941 see: AT4680000
CARBOPOL 960 see: AT4680000
CARBOPOL 961 see: AT4680000
CARBOPOL EXTRA see: FF5250100
CARBOPOL M see: FF5250100
CARBOPOL Z 4 see: FF5250100
CARBOPOL Z EXTRA see: FF5250100
CARBOPOL 934P see: AT4680000
CARBOPROST see: UK8021000
CARBOPROST TROMETHAMINE see: UK8026000
CARBOQUONE see: DK3400000
CARBORAFFIN see: FL7242500
CARBORAFINE see: FL7242500
m-CARBORANE see: HS9290000
O-CARBORANYLAMINOSULFAMATE POTASSIUM see: WO5966800
CARBORUNDEUM see: VW0450000
CARBORUNDUM see: VW0450000
CARBOSE 1M see: FJ5950000
CARB-O-SEP see: CF9275000
CARBOSET see: AT4680000
CARBOSET 515 see: AT4680000
CARBOSET RESIN NO. 515 see: AT4680000
CARBOSIEVE see: FF5250100
CARBOSORBIT R see: FF5250100
CARBOSTESIN see: TK6125000
CARBOSULFAN see: EZ3815000
CARBOTHIALDIN see: XI2800000
CARBOTHIALDINE see: XI2800000
CARBOWAX see: TQ3500000
CARBOWAX 1000 see: TQ4025000
CARBOWAX 1500 see: TQ4030000
CARBOWAX 4000 see: TQ4050000
CARBOWAX 6000 see: TQ4100000
CARBOWAX 1000 MONOSTEARATE see: TQ5800000
16-beta-CARBOXAMIDE-3-beta-ACETOXY-delta(sup 5)-(17-alpha)-ISOPREGNENE-20-ONE see: TU4570000
16-beta-CARBOXAMIDE-(17-alpha)-ISOPROGESTERONE see: TU4560000
5-CARBOXANILIDO-2,3-DIHYDRO-6-METHYL-1,4-OXATHIIN see: RP4550000
CARBOXIN see: RP4550000
CARBOXINE see: RP4550000

BEST COPY AVAILABLE

2-CARBOXYACETANILIDE see: CB2455000
1-(p-CARBOXYAETYLPHENYL)-3,3-DIMETHYLTRIAZEN (German) see: DG9125000
4-(CARBOXYAMINO)BUTYRIC ACID N-BENZYL ESTER see: ES8137200
D-B-beta-((CARBOXYAMINO)METHYL)-1,6-DIMETHYLERGOLINE I BENZYL ESTER see: FA1070000
DL-N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)TRYPTOPHAN p'-METHYL ESTER see: YN6670000
L-N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)TRYPTOPHAN p'-METHYL ESTER see: YN6672000
DL-N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)TRYPTOPHAN p'-METHYL ESTER compd. with 2-AMINOETHANOL see: YN6675000
L-N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)TRYPTOPHAN p'-METHYL ESTER compd. with 2-AMINOETHANOL see: YN6676000
CARBOXYANILINE see: CB2450000
o-CARBOXYANILINE see: CB2450000
p-CARBOXYANILINE see: DG1400000
2-CARBOXYANILINE see: CB2450000
4-CARBOXYANILINE see: DG1400000
6-CARBOXYANTHRANILIC ACID 1-ISOBUTYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE see: TH9726000
6-CARBOXYANTHRANILIC ACID 1-ISOPROPYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE see: TH9729000
CO 109 see: TH9729000
6-CARBOXYANTHRANILIC ACID 1-METHYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE see: TH9730000
6-CARBOXYANTHRANILIC ACID 1-PROPYL 6-(2-(DIETHYLAMINO)ETHYL)ESTER HYDROCHLORIDE see: TH9738000
CARBOXYATRACTYLOSIDE see: NZ8173500
CARBOXYBENZENE see: DG0875000
4-CARBOXYBENZENESULFONAMIDE see: DH6820000
p-CARBOXYBENZENESULFONAMIDE see: DH6820000
N-(alpha-CARBOXYBENZYL)CARBANILIC ACID DIMETHYL ESTER see: FD7674000
CARBOXYBENZYLPENICILLIN PHENYL ESTER SODIUM SALT see: ON9110000
CARBOXYBENZYLPENICILLIN SODIUM see: ON9105000
alpha-CARBOXYCAPROYL-N,N'-DIPHENYLHYDRAZINE CALCIUM SALT HEMIHYDRATE see: OO0625000
N-(2-CARBOXYCAPROYL)HYDRAZOBENZENE CALCIUM SALT HEMIHYDRATE see: OO0625000
p-CARBOXYCARBANILIC ACID N-BENZYL 3-(DIBUTYLAMINO)PROPYL ESTER HYDROCHLORIDE see: FD7670000
p-CARBOXYCARBANILIC ACID N-BENZYL 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD7671000
p-CARBOXYCARBANILIC ACID N-BUTYL 3-(DIBUTYLAMINO)PROPYL ESTER HYDROCHLORIDE see: FD7683000
p-CARBOXYCARBANILIC ACID N-BUTYL 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD7683400
p-CARBOXYCARBANILIC ACID 3-(DIBUTYLAMINO)PROPYL N-ETHYL ESTER HYDROCHLORIDE see: FD7684000
p-CARBOXYCARBANILIC ACID 3-(DIBUTYLAMINO)PROPYL N-HEXYL ESTER HYDROCHLORIDE see: FD7684200
p-CARBOXYCARBANILIC ACID 3-(DIBUTYLAMINO)PROPYL N-ISOBUTYL ESTER HYDROCHLORIDE see: FD7684300
p-CARBOXYCARBANILIC ACID 3-(DIBUTYLAMINO)PROPYL N-METHYL ESTER HYDROCHLORIDE see: FD7684400
p-CARBOXYCARBANILIC ACID 3-(DIBUTYLAMINO)PROPYL N-PENTYL ESTER HYDROCHLORIDE see: FD7684450
p-CARBOXYCARBANILIC ACID 2-(DIETHYLAMINO)ETHYL N-ETHYL ESTER HYDROCHLORIDE see: FD7684500
p-CARBOXYCARBANILIC ACID 2-(DIETHYLAMINO)ETHYL N-HEXYL ESTER HYDROCHLORIDE see: FD7684550
p-CARBOXYCARBANILIC ACID 2-(DIETHYLAMINO)ETHYL N-ISOBUTYL ESTER HYDROCHLORIDE see: FD7684600
p-CARBOXYCARBANILIC ACID 2-(DIETHYLAMINO)ETHYL N-METHYL ESTER HYDROCHLORIDE see: FD7684650
p-CARBOXYCARBANILIC ACID 2-(DIETHYLAMINO)ETHYL N-PENTYL ESTER HYDROCHLORIDE see: FD7684700
p-CARBOXYCARBANILIC ACID 2-MORPHOLINOETHYL-N-PENTYL ESTER HYDROCHLORIDE see: FD7687000
D-N-CARBOXYDIHYDRO-1-METHYLLYSERGAMINE I BENZYL ESTER see: FA1070000
2-CARBOXY-3,4-DIMETHOXYBENZAL ISONICOTINOYLHYDRAZONE see: TH7010000
1-(2-CARBOXY-3,4-DIMETHOXYBENZYLIDENE)-2-ISONICOTINOYLHYDRAZINE see: TH7010000
2-CARBOXY-4'-(DIMETHYLAMINO)AZOBENZENE see: DG8960000
3'-CARBOXY-4-DIMETHYLAMINOAZOBENZENE see: DG8965000
(2-CARBOXY-1,1-DIMETHYLETHYL)TRIMETHYLAMMONIUM IODIDE ESTER with CHOLINE IODIDE see: BP2095000
3-CARBOXY-1,1-DIMETHYL-4-HYDROXYPIPERIDINIUM IODIDE METHYL ESTER see: TN4700000
4-CARBOXY-1,1-DIMETHYL-PIPERIDINIUM CHLORIDE 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: TN4699000
2-CARBOXYDIPHENYLARSINOUS ACID see: DH6301000
4-CARBOXY-1-DODECYL-1-METHYLPIPERAZINIUM BROMIDE ETHYL ESTER see: TM3081000
CARBOXYETHANE see: UE5950000
S-2-CARBOXYETHYL-L-CYSTEINE see: AY4300000
(2-CARBOXYETHYL)DIETHYLMETHYLAMMONIUM IODIDE ESTER with CHOLINE IODIDE see: BP2098000
1-(2-CARBOXYETHYL)-1,1-DIMETHYLHYDRAZINIUM BROMIDE METHYL ESTER see: MW0333600
4-(2-CARBOXYETHYL)-4-METHYLMORPHOLINIUM IODIDE ESTER with CHOLINE IODIDE see: QF2822800
3-CARBOXY-1-ETHYL-7-METHYL-1,8-NAPHTHIDIN-4-ONE see: QN2885000
1-(2-CARBOXYETHYL)-1-METHYLPIPERIDINIUM IODIDE ESTER with CHOLINE IODIDE see: TN4700250
1-(2-CARBOXYETHYL)-1-METHYLPYRROLIDINIUM IODIDE ESTER with CHOLINE IODIDE see: UY3673100
1-(2-CARBOXYETHYL)-3-(p-NITROPHENYL)UREA SODIUM SALT see: AY7515000
2-(4-(1-CARBOXYETHYL)PHENYL)-1-ISOINDOLINONE see: MU6645000
1-(2-CARBOXYETHYL)PYRIDINIUM BROMIDE ESTER with 1-(2-HYDROXYETHYL)PYRIDINIUM BROMIDE see: UU3575000
DL-p-((1-CARBOXYETHYL)SULFAMOYL)CARBANILIC ACID 1-METHYL ESTER see: FD7685500
D-p-((1-CARBOXYETHYL)SULFAMOYL)CARBANILIC ACID 1-METHYL ESTER see: FD7685200
p-((1-CARBOXYETHYL)SULFAMOYL)CARBANILIC ACID 1-METHYL ESTER compd. with 2-AMINOETHANOL see: FD7686000
3-((2-CARBOXYETHYL)THIO)ALANINE see: AY4300000
(2-CARBOXYETHYL)TRIMETHYLAMMONIUM IODIDE ESTER with CHOLINE IODIDE see: BP2500000
12-CARBOXYEUDESMA-3,11(13)-DIENE see: LE3100000
2-CARBOXY-5-(N-(gamma-HYDROXYMERCURI-beta-METHOXYPROPYL))-THENOYLAMIDE see: XM8460000
8-CARBOXY-3-HYDROXY-8-METHYL-1-alpha-H,5-alpha-H-TROPANIUM PHENYL ESTER CARBAZATE (ester) see: YM3545000
3-(3-CARBOXY-4-HYDROXYPHENYL)-2-PHENYL-4,5-DIHYDRO-3H-BENZ(e)INDOLE see: DG8576200
3-CARBOXY 5-HYDROXY-1-p-SULFOPHENYL-4-p-SULFOPHENYLAZOPYRAZOLE TRISODIUM SALT see: UQ6400000
1-(3'-CARBOXYLAMIDOPHENYL)-3,3-DIMETHYLTRIAZENE see: CV4751900
1-(4'-CARBOXYLAMIDOPHENYL)-3,3-DIMETHYLTRIAZINE see: CV4751920
L-N-CARBOXYLEUCINE N-BENZYL 1-(1,2-DIBROMOETHYL) ESTER see: OH2920000
L-N-CARBOXYLEUCINE N-BENZYL ESTER see: OH2921000
L-N-CARBOXYLEUCINE N-BENZYL 1-VINYL ESTER see: OH2922000
6-CARBOXYL-4-HYDROXYLAMINOQUINOLINE 1-OXIDE see: VB2100000
1-CARBOXYLIC ACID PHENAZINE see: SG1575000
6-CARBOXYL-4-NITROQUINOLINE 1-OXIDE see: VB2275000
(CARBOXYMETHOXY)AMINE see: AF2624000
2'-CARBOXYMETHOXY-4,4'-BIS(3-METHYL-2-BUTENYLOXY)CHALCONE see: AI8987000
4-CARBOXYMETHYLANILINE see: AF3550000
1-CARBOXYMETHYL-1-CARBOXYETHOXYETHYL-2-COCO-IMIDAZOLINIUM BETAINE see: BU2614000
CARBOXYMETHYL CELLULOSE see: FJ5950000
CARBOXYMETHYLCELLULOSE ACIDS mixed with UREA mixed with ADIPIC ACID see: YR7800000
CARBOXYMETHYL CELLULOSE, AMMONIUM SALT see: FJ5775000
CARBOXYMETHYLCELLULOSE NORDIC see: FJ5775000
CARBOXYMETHYLCELLULOSE SODIUM see: FJ5950000
CARBOXYMETHYLCELLULOSE, SODIUM SALT see: FJ5950000
S-CARBOXYMETHYLCYSTEINE see: AY4341000
4-(CARBOXYMETHYL)-1,1-DIMETHYLPIPERAZINIUM IODIDE alpha-CYCLOHEXYLBENZYL ESTER see: TM3082000
3,3'-(CARBOXYMETHYLENE)BIS(4-HYDROXYCOUMARIN) ETHYL ESTER see: AF5775000
(2-CARBOXY-1-METHYLETHYL)TRIMETHYLAMMONIUM IODIDE ESTER with CHOLINE IODIDE see: BP3131000
N-(CARBOXYMETHYL)GLYCINE see: AI2975000
S-(CARBOXYMETHYL)-DL-HOMOCYSTEINE see: MT0250000
N-(CARBOXYMETHYL)-N'-(2-HYDROXYETHYL)-N,N'-ETHYLENEDIGLYCINE see: MB9185000
(o-CARBOXYMETHYL)HYDROXYLAMINE see: AF2624000
(((CARBOXYMETHYL)IMINO)BIS(ETHYLENENITRILO))TETRAACETIC ACID, PENTASODIUM SALT see: MB8222500
2-(CARBOXYMETHYLMERCAPTO)PHENYLSTIBONIC ACID see: AJ4690000
2-(CARBOXYMETHYLMERCAPTO)PHENYL-STIBONSAEURE (German) see: AJ4690000
3-CARBOXYMETHYL-17-METHOXY-6,18,21-TRIMETHYLDOCOSA-2,4,8,12,14,18,20-HEPTAENEDIOIC ACID see: JR1230000
CARBOXYMETHYL-1 METHYL-2 p.CHLOROBENZOYL-3 INDOLE (French) see: NL3490000
CARBOXYMETHYL-1 METHYL-2 p.FLUOROBENZOYL-3 INDOLE (French) see: NL3530000
5-CARBOXYMETHYL-3-METHYL-2H-1,3,5-THIADIAZINE-2-THIONE see: XI2400000
CARBOXYMETHYLNITROSOUREA see: YS4570000
5-(2-(CARBOXYMETHYLOXY)ETHYLAMINO)-4-ETHOXY-2-METHYL-3(2H)-PYRIDAZINONE see: AH3715000
4-(1-CARBOXY-2-METHYLPROPYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE ETHYL ESTER see: TM3083000
(2-CARBOXY-2-METHYLPROPYL)TRIMETHYLAMMONIUM IODIDE ESTER with CHOLINE IODIDE see: BP3135000
3-CARBOXY-1-METHYLPYRIDINIUM HYDROXIDE inner salt see: YF6825000
4-O-(CARBOXYMETHYL)RIFAMYCIN see: AH0525000
3-((CARBOXYMETHYL)THIO)ALANINE see: AY4341000
CARBOXYMETHYLTHIOMERCURIMETHOXYPROPYL-7 THEOPHYLLINE (French) see: OV7930000
5-CARBOXYMETHYL-3-p-TOLYL-THIAZOLIDINE-2,4-DIONE-2-ACETOPHENONEHYDRAZONE see: XJ5131640
(CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ESTER with 1-DECANOL see: BP3141200
(CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ESTER with 1-DODECANOL see: BP3141300
(CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ESTER with 2-ETHYL-1-HEXANOL see: BP3141500
(CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ESTER with 1-HEXADECANOL see: BP3141600
(CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ESTER with 1-OCTADECANOL see: BP3145700
(CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ESTER with 1-OCTANOL see: BP3145800
(CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE 5-NITROFURFURYLIDENEHYDRAZIDE see: BP3160000
(CARBOXYMETHYL)TRIMETHYLAMMONIUM CHLORIDE ((5-NITRO-2-FUROYL)METHYLENE)HYDRAZIDE see: BP3165000
((CARBOXYMETHYL)TRIMETHYLAMMONIUM HYDROXIDE, INNER SALT see: DS5900000
(CARBOXYMETHYL)TRIMETHYLAMMONIUM IODIDE 4-(DIMETHYLAMINO)-3-ISOPROPYLPHENYL ESTER see: BP3323000
(CARBOXYMETHYL)TRIMETHYLAMMONIUM IODIDE 5-(DIMETHYLAMINO)-4-ISOPROPYL-o-TOLYL ESTER see: BP3323500
(CARBOXYMETHYL)TRIMETHYLAMMONIUM IODIDE 6-(DIMETHYLAMINO)-4-ISOPROPYL-m-TOLYL ESTER see: BP3323510
N-CARBOXY-3-MORPHOLINOSYDNONIMINE ETHYL ESTER see: WU7677400
1-CARBOXY-4-NITROBENZENE see: DH5075000
6-CARBOXY-4-NITROQUINOLINE-1-OXIDE see: VB2275000
21-(3-CARBOXY-1-OXOPROPOXY)-5-beta-PREGNANE-3,20-DIONE SODIUM SALT see: TU4157250
N-(3-CARBOXY-1-OXO-3-SULFOPROPYL)-N-OCTADECYLASPARTIC ACID TETRASODIUM SALT see: CI9172000
3-CARBOXY-2,4-PENTADIENALLACTOL see: CB9660000
3-CARBOXYPHENOL see: DH1924980
4-CARBOXYPHENOL see: DH1925000
o-CARBOXYPHENYL ACETATE see: VO0700000
L-N-CARBOXY-3-PHENYLALANINE N-BENZYL ESTER see: AY4343000
L-N-CARBOXY-3-PHENYLALANINE N-BENZYL 1-VINYL ESTER see: AY4344000
p-CARBOXYPHENYLAMINE see: DG1400000
p-CARBOXY PHENYLARSENOXIDE see: DG3400000
p-CARBOXYPHENYLAZOXYCYANIDE see: DG5644600
2-((p-CARBOXYPHENYL)CARBAMOYL)METHYL)-2-(HYDROXYMETHOXY)SUCCINIC ACID gamma-LACTONE see: WM5620000
N-(o-CARBOXYPHENYL)NICOTINAMIDE see: CB3590000
9-o-CARBOXYPHENYL-6-DIETHYLAMINO-3-ETHYLIMINO-3-ISOXANTHENE, 3-ETHOCHLORIDE see: BP3675000
(9-(o-CARBOXYPHENYL)-6-(DIETHYLAMINO)-3H-XANTHEN-3-YLIDENE) DIETHYLAMMONIUM CHLORIDE see: BP3675000
cis-(3-CARBOXY-o-PHENYLENEDIAMMINE)DICHLOROPLATINUM (II) see: TP2270000
9-o-CARBOXYPHENYL-6-HYDROXY-3-ISOXANTHONE, DISODIUM SALT see: LM5425000
(p-CARBOXYPHENYL)HYDROXYMERCURY see: OV8070000
9-(o-CARBOXYPHENYL)-6-HYDROXY-2,4,5,7-TETRAIODO-3-ISOXANTHONE see: LM5950000
4'-CARBOXYPHENYLMETHANESULFONANILIDE, SODIUM SALT see: DH7000000
2-CARBOXYPHENYL METHYL SULFIDE see: DH4390000
N-(3-CARBOXYPHENYL)NICOTINAMIDE 1-OXIDE see: DH4800000
3-(p-CARBOXYPHENYL)SYDNONE see: WU7675400
((o-CARBOXYPHENYL)THIO)ETHYLMERCURY SODIUM SALT see: OV8400000
4-CARBOXYPHTHALATO(1,2-DIAMINOCYCLOHEXANE)PLATINUM(II) see: TP1385500
4-CARBOXYPHTHALATO(1,2-DIAMMINOCYCLOHEXANE)PLATINUM(II) see: TP2272000
(4-CARBOXYPHTHALATO)(CYCLOHEXANE-1,2-DIAMMINE)PLATINUM(II) see: TP2272000
4-CARBOXYPHTHALIC ANHYDRIDE see: DC2050000
3-O-(beta-CARBOXYPROPIONYL)-11-OXO-18-beta-OLEAN-12-EN-30-OIC ACID, DISODIUM SALT see: RK0250000
(3-(3-(3-CARBOXYPROPIONYL)UREIDO)-2-METHOXYPROPYL)(THEOPHYLLINATO)MERCURY see: WM3750000
3-CARBOXYPROPYL(2-PROPENYL)NITROSAMINE see: ES5820000
(2-CARBOXYPROPYL)TRIMETHYLAMMONIUM IODIDE ESTER with CHOLINE IODIDE see: BP3940000
2-CARBOXYPYRIDINE see: TJ7344000

BEST COPY AVAILABLE

3-CARBOXYPYRIDINE see: QT0525000
4-CARBOXYPYRIDINE see: NS1103000
(3-CARBOXYPYRIDINE)TRICHLOROGOLD see: MD5370000
4-CARBOXYQUINOLYL-2-ALDEHYDE GUANYLHYDRAZONE MONOHYDRATE see: GD3865400
4-CARBOXYQUINOLYL-2-ALDEHYDE THIOSEMICARBAZONE MONOHYDRATE see: GD3867820
4-CARBOXYRESORCINOL see: VH3708050
5-CARBOXYRESORCINOL see: VH3708000
4-CARBOXYTHIAZOLIDINE see: XJ5425500
4-CARBOXYTHIAZOLIDINE see: XJ5425000
2-CARBOXYTHIOPHENE see: XM8330200
6-CARBOXYURACIL see: RM3180000

FH3485000 CARBOXY VINYL POLYMER
DEF: A finely divided white powder which disperses in water to yield a low viscosity acid solutionwhen neutralized, the solution is changed into a clear, stable gel (AIPTAK 114,258,58)
UPDT:8305
SYN: CP * POLYMER: CARBOXY VINYL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4000 mg/kg AIPTAK 114,258,58
* orl-mus LD50:4300 mg/kg AIPTAK 114,258,58
* orl-gpg LD50:2000 mg/kg AIPTAK 114,258,58

CARBRITAL see: CQ6125000
CARBROMAL see: YS2975000
CARBUBARB see: CQ2311000
CARBUBARBITAL see: CQ2311000
CARBUTAMID see: YS4200000
CARBUTAMIDE see: YS4200000
CARBYL see: GA0875000
CARBYNE see: FD7700000
CARCHOLIN see: GA0875000

FH4462000 CARDA-5,20(22)-DIENOLIDE, 3-beta,14-DIHYDROXY-19-OXO-
UPDT:8406 MW: 386.53 MOLFM: C23-H30-O5
SYN: delta(sup 5)-ANHYDROSTROPHANTHIDIN * 3-beta,14-DIHYDROXY-19-OXOCARDA-5,20(22)-DIENOLIDE
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:1930 ug/kg AIPTAK 140,8,62

FH4463000 CARDA-5,20(22)-DIENOLIDE, 3-beta,14-DIHYDROXY-19-OXO-, 3-ACETATE
UPDT:8406 MW: 428.57 MOLFM: C25-H32-O6
SYN: 3-ACETYL-delta(sup 5)-ANHYDROSTROPHANTHIDIN * 3-beta,14-DIHYDROXY-19-OXOCARDA-5,20(22)-DIENOLIDE 3-ACETATE
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:1869 ug/kg AIPTAK 140,8,62

FH4464000 CARDA-4,20(22)-DIENOLIDE, 3,19-DIOXO-14-HYDROXY-
UPDT:8406 MW: 384.51 MOLFM: C23-H28-O5
SYN: delta(sup 4)-ANHYDROSTROPHANTHIDONE * 3,19-DIOXO-14 HYDROXYCARDA 4,20(22)-DIENOLIDE
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:537 ug/kg AIPTAK 140,8,62

FH4479500 CARDA-4,20(22)-DIENOLIDE, 3-beta,14,19-TRIHYDROXY-
UPDT:8406 MW: 388.55 MOLFM: C23-H32-O5
SYN: delta(sup 4)-ANHYDROSTROPHANTHIDOL * 3-beta,14,19-TRIHYDROXYCARDA-4,20(22)-DIENOLIDE
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:576 ug/kg AIPTAK 140,8,62

CARDAMINE see: QS4375000

FH4550100 CARDAMINE HIRSUTA Linn., extract excluding roots
DEF: Indian plant belonging to the family CRUCIFERAE (IJEBA6 11,43,73)
UPDT:8302
SYN: SHIMRAYA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg IJEBA6 11,43,73

CARDELMYCIN see: CU9080000
CARDENAL see: CQ6825000

FH4585000 CARD-20(22)-ENOLIDE, 16-(ACETYLOXY)-3-((2,6-DIDEOXY-3-O-METHYL-L-ARABINO-HEXOPYRANOSYL)OXY)- 14-HYDROXY-, (3-beta,16-beta)-
UPDT:8403 CAS: 465-16-7 MW: 576.80 MOLFM: C32-H48-O9
SYN: CORRIGEN * FOLIANDRIN * FOLINERIN * FOLINEVIN * NERIOL * NERIOLIN * NERIOSTENE * OLEANDRIN * OLEANDRINE
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:300 ug/kg MEIEDD 10,979,83
* scu-frg LDLo:2250 ug/kg 27ZWAY E,1,78

FH4620000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-(L-ARABINOPYRANOSYLOXY)-5,14-DIHYDROXY-19-OXO-, 2',3',4'- TRIACETATE
UPDT:8406 MW: 662.80 MOLFM: C34-H46-O13
SYN: STROFANTIDINA L-ARABINOSIDE TRIACETATO (Italian)
TOXICITY DATA AND REFERENCES:
* par-cat LD50:1230 ug/kg BCFAAI 98,297,59

CARD-20(22)ENOLIDE, 3-((BROMOACETYL)OXY)-5,14-DIHYDROXY-19-OXO-, (3-beta,5-beta)- see: FH5430000

FH4710000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((3,4-O-CYCLOHEXYLIDENE-2,6-DIDEOXY-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
UPDT:8408 CAS: 28719-25-7 MW: 614.85 MOLFM: C35-H50-O9
SYN: CYCLOHEXANONHELVETICOSID (German) * FG 74
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:570 ug/kg ARZNAD 22,1854,72

FH4715000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((3,4-O-CYCLOPENTYLIDENE-2,6-DIDEOXY-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
UPDT:8408 CAS: 38561-79-4 MW: 600.82 MOLFM: C34-H48-O9
SYN: CYCLOPENTANOHELVETICOSID (German) * FG 207
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:497 ug/kg ARZNAD ?2,1854,72

5-beta-CARD-20(22)-ENOLIDE, 3-beta-(beta-D-CYMAROSYLOXY)-5,14-DIHYDROXY-19-OXO- see: GZ5600000

FH4900000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-5,14,19-TRIHYDROXY-
UPDT:8309 CAS: 3253-62-1 MW: 552.73 MOLFM: C29-H44-O10
SYN: CONVALLATOXOL * CONVALLOTOXOL * CONVALOTOXOL * COVALLATOXOL * MANNOPYRANOSIDE STROPHANTHIDOL 3 6-DEOXY-, alpha-L- * PERCONVAL
TOXICITY DATA AND REFERENCES:
ivn-cat LD50:87 ug/kg JPETAB 111,365,54
* ivn-rat LD50:56 mg/kg AIPTAK 155,165,65
* ipr-mus LD50:30 mg/kg AIPTAK 155,165,65
* ipr-cat LD50:130 ug/kg AIPTAK 155,165,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,189,63

FH4901000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((6 DEOXY-3-O-METHYL-D-GALACTOPYRANOSYL)OXY)-14,16- DIHYDROXY-
UPDT:8306 CAS: 595-21-1 MW: 550.76 MOLFM: C30-H46-O9
SYN: GITOXIGENIN 3-O-MONODIGITALOSIDE * STROSPESID (German) * STROSPESIDE
TOXICITY DATA AND REFERENCES:
3A11F12G30 orl-mus LD50:41200 ug/kg AIPTAK 153,436,65
3A11F12G30 scu-mus LD50:39540 ug/kg AIPTAK 143,436,65
ivn-cat LD50:410 ug/kg 85ELDJ -,194,63
3A11F12G30 ivn-gpg LDLo:1990 ug/kg AIPTAK 153,436,65

FH4915000 CARD-20(22)-ENOLIDE, 3-((6-DEOXY-3-O-METHYL-alpha-L-GLUCOPYRANOSYL)OXY)-14-HYDROXY-19-OXO-, (3-beta,5-beta)-
UPDT:8412 CAS: 1182-87-7 MW: 548.74 MOLFM: C30-H44-O9
SYN: CANNOGENIN alpha-L-THEVETOSIDE * 3-((6-DEOXY-3-O-METH-/L-alpha-L-GLUCOPYRANOSYL)OXY)-14-HYDROXY-19-OXO-CARD-20(22)-ENOLIDE * ENCORDIN * PERUVOSID * PERUVOSIDE
TOXICITY DATA AND REFERENCES:
2F14K13 orl-hmn TDLo:24 ug/kg IJEBA6 5,31,67
2G08K13 orl-hmn TDLo:39 ug/kg/3D IJMRAQ 59,271,71
2K13H02 ivn-hmn TDLo:4285 ng/kg IJMRAQ 59,271,71
3G04G10K13 ivn-cat LD50:145 ug/kg AIPTAK 126,412,60
3G04G10K13 ivn-gpg LDLo:710 ug/kg AIPTAK 126,412,60
3G04G10K13 ivn-pgn LDLo:263 mg/kg AIPTAK 126,412,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FH4919000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((6-DEOXY-alpha-L-TALOPYRANOSYL)OXY)-1-beta,5,11-alpha, 14,19-PENTAHYDROXY-
UPDT:8408 CAS: 6251-64-5 MW: 584.73 MOLFM: C29-H44-O12
SYN: ACOLONGIFLOROSIDE K * ACOLONGIFLUOROSIDE K * SARMENTOLOSID (German)
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:111 ug/kg AIPTAK 140,8,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,188,63

FH4919300 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-ETHYLNONYLIDENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
UPDT:8408 CAS: 40279-49-0 MW: 687.02 MOLFM: C40-H62-O9
SYN: AETHYLOCTYLKETONHELVETICOSID (German) * FG 209
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:1672 ug/kg ARZNAD 22,1854,72

FH4919500 CARD-20(22)-ENOLIDE, 3-((O-2,6-DIDEOXY-3,4-DI-O-FORMYL-beta-D-ribo-HEXOPYRANOSYL-(1-4)-O-2, 6-DIDEOXY-3-O-FORMYL-beta-D-ribo-HEXOPYRANOSYL-(1-4)-2,6-DIDEOXY-3-O-FORMYL-beta-D-ribo-HEXOPYRANOSYL)OXY)-16-(FORMYLOXY)-14-HYDROXY-, (3-beta,5-beta,16-beta)-
UPDT:8306 CAS: 10178-39-3 MW: 921.10 MOLFM: C46-H66-O19
SYN: AC 2770 * FORMILOXIN * FORMILOXINE * GITOFORMATE * PENTAFORMYLGITOXIN
TOXICITY DATA AND REFERENCES:
3A11F12G30 orl-mus LD50:2390 ug/kg AIPTAK 153,436,65
3A11F12G30 scu-mus LD50:2270 ug/kg AIPTAK 153,436,65
3A11F12G30 orl-gpg LDLo:1835 ug/kg AIPTAK 153,436,65
3A11F12G30 ivn-gpg LDLo:734 ug/kg AIPTAK 153,436,65

FH4919700 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-4-O-beta-D-GLUCOPYRANOSYL-beta-D-RIBO- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-
UPDT:8403 CAS: 20728-06-7 MW: 684.91 MOLFM: C35-H56-O13
SYN: GLUCOPERIPLOCYMARIN * PERIPLOCIN * PERIPLOCOSIDE
TOXICITY DATA AND REFERENCES:
ivn-cat LD50:150 ug/kg 85ELDJ -,193,63

FH4919750 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-4-O-beta-D-GLUCOPYRANOSYL-3-O-METHYL-beta- D-RIBO-HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
UPDT:8408 CAS: 560-53-2 MW: 710.90 MOLFM: C36-H54-O14
SYN: beta-k-STROPHANTHIN * STROPHANTHIN K
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:50 mg/kg 27ZWAY E,1,78,-

FH4919800 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-D-ribo-HEXOPYRANOSYL)OXY)-5,14-DIHYDRO-19- OXO-
UPDT:8408 MW: 518.71 MOLFM: C29-H42-O8
SYN: STROPHANTHIDIN DIGITOXOSIDE
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:99 ug/kg AIPTAK 140,8,62

FH4919850 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-D-ribo-HEXOPYRANOSYL)OXY)-5,14,19- TRIHYDROXY-
UPDT:8408 MW: 536.73 MOLFM: C29-H44-O9
SYN: STROPHANTHIDOL DIGITOXIDE
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:106 ug/kg AIPTAK 140,8,62

FH4919900 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3-O-METHYL-ARABINO-L-HEXOPYRANOSYL)OXY)- 11-alpha,14-DIHYDROXY-19-OXO-
UPDT:8408 CAS: 507-87-9 MW: 548.74 MOLFM: C30-H44-O9
SYN: SINOSID (German) * SINOSIDE
TOXICITY DATA AND REFERENCES:
ivn-cat LD50:120 ug/kg 85ELDJ -,194,63

FH4919950 5-alpha-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3-O-METHYLARABINO-HEXOPYRANOSYL)OXY)-12, 14-DIHYDROXY-11-OXO-
UPDT:8408 CAS: 11076-25-8 MW: 548.74 MOLFM: C30-H44-O9
SYN: psi-CAUDOSIDE
TOXICITY DATA AND REFERENCES:
ivn-cat LD50:140 ug/kg 85ELDJ -,189,63

FH4920100 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(2-METHYLCYCLOHEXYLIDENE)-beta-D- ribo-HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
UPDT:8408 CAS: 40279-44-5 MW: 628.88 MOLFM: C36-H52-O9
SYN: FG 203 * 2-METHYLCYCLOHEXANONHELVETICOSID (German)
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:761 ug/kg ARZNAD 22,1854,72

FH4920150 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(3-METHYLCYCLOHEXYLIDENE)-beta-D- ribo-HEXAPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
UPDT:8408 CAS: 40279-45-6 MW: 628.88 MOLFM: C36-H52-O9
SYN: FG 413 * 3-METHYLCYCLOHEXANONHELVETICOSID (German)
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:1314 ug/kg ARZNAD 22,1854,72

FH4920250 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(4-METHYLCYCLOHEXYLIDENE)-beta-D- ribo-D-HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
UPDT:8408 CAS: 40279-46-7 MW: 628.88 MOLFM: C36-H52-O9
SYN: FG 202 * 4-METHYLCYCLOHEXANONHELVETICOSID (German)
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:1182 ug/kg ARZNAD 22,1854,72

FH4920350 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-METHYLETHYLIDENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14,19-TRIHYDROXY-
UPDT:8408 CAS: 20045-26-5 MW: 576.80 MOLFM: C32-H48-O9
SYN: ACETONHELVETICOSOL (German) * DIMETHYLKETONHELVETICOSID (German) * FG 79
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:275 ug/kg ARZNAD 22,1854,72

FH4920400 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-METHYL-4-HEXENYLIDENE)-beta-D- ribo-HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
UPDT:8408 CAS: 40279-51-4 MW: 628.88 MOLFM: C36-H52-O9
SYN: FG 798 * 6-METHYLHEPTEN-5-ON-2 HELVETICOSID (German)
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:888 ug/kg ARZNAD 22,1854,72

BEST COPY AVAILABLE

FH4920605 CARD-20(22)-ENOLIDE, 3-((O-2,6-DIDEOXY-4-O-METHYL-beta-D-ribo-HEXOPYRANOSYL-(1-4)-O-2,6- DIDEOXY-beta-D-ribo-HEXOPYRANOSYL-(1-4)-2,6-DIDEOXY-beta-D-ribo-HEXOPYRANOSYL)OXY)- 12,14-DIHYDROXY-, (3-beta,5-beta,12-beta)-
UPDT.8406 CAS: 30685-43-9 MW: 795.08 MOLFM: C42-H66-O14
SYN: BETAMETHYL DIGOXIN * DIGOXIN, 4'-O-METHYL- * LANITOP * MEDIGOXIN * METHYLDIGOXIN * beta-METHYLDIGOXIN * 4'-METHYLDIGOXIN * 4'-beta-METHYLDIGOXIN * 4'-O-METHYLDIGOXIN * METILL-*OXIN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:17 mg/kg NIIRDN 6,828,82
* scu-rat LD50:7150 ug/kg NIIRDN 6,828,82
* ivn-rat LD50:6600 ug/kg NIIRDN 6,828,82
* orl-mus LD50:11100 ug/kg NIIRDN 6,828,82
* scu-mus LD50:9390 ug/kg NIIRDN 6,828,82
* ivn-mus LD50:5780 ug/kg NIIRDN 6,828,82
* orl-gpg LD50:2100 ug/kg OYYAA2 7,373,73
* ipr-gpg LD50:800 ug/kg OYYAA2 7,373,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FH4920611 CARD-20(22)-ENOLIDE, 3-((2,6-DIDEOXY-3-O-METHYL-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-11,14- DIHYDROXY-, (3-beta,5-beta,11-alpha)-
UPDT.8408 CAS: 76704-78-4 MW: 524.76 MOLFM: C30-H46-O8
SYN: DIVOSTROSIN
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:143 ug/kg AIPTAK 140,8,62

FH4920618 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3-O-METHYL-beta-D-ribo-HEXOPYRANOSYL)OXY)- 5,14-DIHYDROXY-19-OXO-
UPDT.8409 MW: 548.74 MOLFM: C30-H44-O9
SYN: STROFANTIDINA CIMAROSIDE (Italian)
TOXICITY DATA AND REFERENCES:
* par-cat LD50:110 ug/kg BCFAAI 98,297,59

FH4920620 CARD-20(22)-ENOLIDE, 3-((2,6-DIDEOXY-3-O-METHYL-alpha-L-arabino-HEXOPYRANOSYL)OXY)-14- HYDROXY-, (3-beta,5-beta)-
UPDT.8406 CAS: 31087-87-3 MW: 518.76 MOLFM: C36-H46-O7
SYN: BEAUMONTOSIDE
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:173 ug/kg JMCMAR 13,1029,70

FH4935000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-PHENYLBUTYLIDENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-9-OXO-
UPDT.8408 CAS: 35919-82-5 MW: 664.91 MOLFM: C39-H52-O9
SYN: BUTYROPHENONHELVETICOSID (German) * FG 274
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:1758 ug/kg ARZNAD 22,1854,72

FH4940000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(PHENYLMETHYLENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
UPDT.8408 CAS: 28719-23-5 MW: 622.82 MOLFM: C36-H46-O9
SYN: BENZALDEHYDHELVETICOSID (German) * FG 200
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:1036 ug/kg ARZNAD 22,1854,72

FH4945000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-PHENYLMETHYL)PROPYLIDENE)-beta-D- ribo-HEXOPYRANOSYL)-5,14-DIHYDROXY-19-OXO-
UPDT.8408 CAS: 33811-18-8 MW: 664.91 MOLFM: C39-H52-O9
SYN: AETHYLBENZYLKETONHELVETICOSID (German) * FG 272
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:1189 ug/kg ARZNAD 22,1854,72

CARD-20(22)-ENOLIDE, 3,14-DIHYDROXY-, (3-beta,5-beta)- see: FH4975000

FH4975000 5-beta-CARD-20(22)-ENOLIDE, 3-beta,14-DIHYDROXY-
UPDT.8408 CAS: 143-62-4 MW: 374.57 MOLFM: C23-H34-O4
SYN: CARD-20(22)-ENOLIDE, 3,14-DIHYDROXY-, (3-beta,5-beta)- * CERBERIGENIN * DIGITOXIGENIN * DIGITOXIGENINE * 3-beta,14-DIHYDROXY-5-beta-CARD-20(22)-ENOLIDE * ECHUJETIN * EVONOGENIN * THEVETIGENIN * delta-sup(20,22)-3,14,21-TRIHYDROXYNORCHOLENIC ACID LACTONE
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:1600 ug/kg ARZNAD 11,848,61
3A11F12G30 orl-mus LD50:26170 ug/kg AIPTAK 153,436,65
3A11F12G30 scu-mus LD50:11820 ug/kg AIPTAK 153,436,65
ivn-cat LDLo:500 mg/kg AEPPAE 237,222,39
3A11F12G30 ivn-gpg LDLo:1419 ug/kg AIPTAK 153,436,65
* par-pgn LDLo:600 ug/kg CPBTAL 8,18,60
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,190,63, CHIMAD 5,93,51

FH4975050 5-beta-CARD-20(22)-ENOLIDE, 3-beta,14-DIHYDROXY-, 3-(ACETAMIDOACETATE) (ester)
UPDT.8307 MW: 445.61 MOLFM: C25-H35-N-O6
SYN: DIGITOXIGENIN 3-beta-N-ACETYLGLYCYL ESTER * 3-beta,14-DIHYDROXY-5-beta-CARD-20(22)-ENOLIDE 3-ESTER with N-ACETYLGLYCINE
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:77 ug/kg FRPSAX 36,971,81

FH4975800 5-beta-CARD-20(22)-ENOLIDE, 3-beta,14-DIHYDROXY-, 3-FORMATE
UPDT.8306 MW: 402.58 MOLFM: C24-H34-O5
SYN: 3-beta,14-DIHYDROXY-5-beta-CARD-20(22)-ENOLIDE 3-FORMATE * 3-FORMYL DIGITOXIGENIN
TOXICITY DATA AND REFERENCES:
3A11F12G30 orl-mus LD50:33630 ug/kg AIPTAK 153,436,65
3A11F12G30 scu-mus LD50:16600 ug/kg AIPTAK 153,436,65
3A11F12G30 ivn-gpg LDLo:7711 ug/kg AIPTAK 153,436,65

FH4977000 5-beta-CARD-20(22)-ENOLIDE, 5,14-DIHYDROXY-3-beta-((beta-D-GLUCOPYRANOSYL)OXY)-19-OXO, 2',3',4',6'-TETRAACETATE
UPDT.8406 MW: 734.67 MOLFM: C37-H50-O15
SYN: STROFANTIDINA beta-GLUCOSIDE TETRACETATO (Italian)
TOXICITY DATA AND REFERENCES:
* par-cat LD50:1166 ug/kg BCFAAI 98,297,59

FH4978000 CARD-20(22)-ENOLIDE, 2,3-((6,10-DIHYDROXY-9-METHYL-8-OXA-1-THIA-4-AZASPIRO(4.5)DEC-3-EN-6, 7-DIYL)BIS(OXY))-14-HYDROXY-, (2-alpha(7S,9R),3-beta,5-alpha)-
UPDT.8303 CAS: 66419-07-1 MW: 589.81 MOLFM: C31-H43-N-O8-S
SYN: LABRIFORMIN
TOXICITY DATA AND REFERENCES:
3F07F12F19 ipr-mus LD50:9200 mg/kg 41CIAR -,273,78

FH5030000 5-beta-CARD-20(22)-ENOLIDE, 5,14-DIHYDROXY-3-beta-((D-XYLOPYRANOSYL)OXY)-19-OXO-
UPDT.8406 MW: 536.68 MOLFM: C28-H40-O10
SYN: 5,14-DIHYDROXY-3-beta-((D-XYLOPYRANOSYL)OXY)-19-OXO-5-beta-CARD-20(22)-ENOLIDE * STROPHANTHIDIN D-XYLOSE
TOXICITY DATA AND REFERENCES:
ivn-cat LD50:110 ug/kg 85ELDJ -,194,63

FH5040000 5-beta-CARD-20(22)-ENOLIDE, 5,14-DIHYDROXY-3-beta-((beta-D-XYLOPYRANOSYL)OXY)-19-OXO-, 2',3',4'-TRIACETATE
UPDT.8406 MW: 662.80 MOLFM: C34-H46-O13
SYN: STROFANTIDINA beta-XILOSIDE TRIACETATO (Italian)
TOXICITY DATA AND REFERENCES:
* par-cat LD50:592 ug/kg BCFAAI 98,297,59

CARD-20(22)-ENOLIDE, 16-(FORMYLOXY)-3,14-DIHYDROXY-, (3-beta,5-beta,16-beta)- (9CI) see: FH5423000

FH5081000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-(beta-GALACTOPYRANOSYLOXY)-5,14-DIHYDROXY-19-OXO-, 2',3',4',6'-TETRAACETATE
UPDT.8406 MW: 706.81 MOLFM: C35-H46-O15
SYN: STROFANTIDINA beta-GALATTOSIDE TETRACETATO (Italian)
TOXICITY DATA AND REFERENCES:
* par-cat LD50:1692 ug/kg BCFAAI 98,297,59

FH5083000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((O-beta-GLUCOPYRANOSYL-(1-4)-O-2,6-DIDEOXY-beta-D- RIBO-HEXOPYRANOSYL-(1-4)-O-2,6-DIDEOXY-beta-D-RIBO-HEXOPYRANOSYL-(1-4)-2,6-DIDEOXY-beta-D- RIBO-HEXOPYRANOSYL)OXY)-14,16-beta-DIHYDROXY-
UPDT.8406 CAS: 19855-39-1 MW: 943.21 MOLFM: C47-H74-O19
SYN: DEACETYLLANATOSIDE B * DESACETYLLANATOSIDE B * GLUCOGITOXIN * LANATOSIDE B, DEACETYL- (8CI) * PURPUREA B * PURPUREA GLYCOSIDE B
TOXICITY DATA AND REFERENCES:
ivn-cat LD50:370 ug/kg 85ELDJ -,193,63
* orl-frg LD50:8600 ug/kg JJPAAZ 9,91,60
* scu-frg LD50:940 ug/kg JJPAAZ 9,91,60

FH5085000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((O-beta-D-GLUCOPYRANOSYL-(1-4)-O-2,6-DIDEOXY-beta-D- RIBO-HEXOPYRANOSYL-(1-4)-O-2,6-DIDEOXY-beta-D-HEXOPYRANOSYL-(1-4)-2,6-DIDEOXY-beta-D-RIBO- HEXOPYRANOSYL)OXY)-14-HYDROXY-
UPDT.8406 CAS: 19855-40-4 MW: 927.21 MOLFM: C47-H74-O18
SYN: DEACETYLLANATOSIDE A * DESACETYLDIGILANIDE A * GLUCODIGITOXIN * LANATOSIDE A, DEACETYL- (8CI) * PURPUREA GLYCOSIDE A
TOXICITY DATA AND REFERENCES:
ivn-cat LD50:330 ug/kg 85ELDJ -,193,63

FH5088000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((O-beta-D-GLUCOPYRANOSYL-(1-6)-O-beta-D-GLUCOPYRANOSYL- (1-2)-6-DEOXY-3-O-METHYL-alpha-L-GLUCOPYRANOSYL)OXY)-14-HYDROXY-
UPDT.8408 CAS: 11005-70-2 MW: 859.08 MOLFM: C42-H66-O18
SYN: CERBEROSIDE * CERBEROSIDE * THEVETIN B
TOXICITY DATA AND REFERENCES:
ivn-cat LD50:810 ug/kg 85ELDJ -,189,63
* ivn-gpg LDLo:3539 ug/kg AEPPAE 252,314,66

FH5090000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((O-beta-D-GLUCOPYRANOSYL-(1-6)-O-D-GLUCOPYRANOSYL-(1-4)- 6-DEOXY-3-O-METHYL-alpha-L-GLUCOPYRANOSYL)OXY)-14-HYDROXY-19-OXO-
UPDT.8408 CAS: 37933-66-7 MW: 859.08 MOLFM: C42-H66-O18
SYN: THEVETIN A
TOXICITY DATA AND REFERENCES:
ivn cat LD50:85 ug/kg 85ELDJ -,194,63
* ivn-gpg LDLo:13256 ug/kg AEPPAE 252,314,66

CARD-20(22)-ENOLIDE, 1,3,5,11,14,19-HEXAHYDROXY-, (1-beta,3-beta,5-beta,11-alpha)- (9CI) see: FH5100000

FH5100000 5-beta-CARD-20(22)-ENOLIDE, 1-beta,3-beta,11-alpha,14,19-HEXAHYDROXY-
UPDT.8308 CAS: 508-52-1 MW: 418.57 MOLFM: C23-H38-O8
SYN: CARD-20(22)-ENOLIDE, 1,3,5,11,14,19-HEXAHYDROXY-, (1-beta,3-beta,5-beta,11-alpha)- (9CI) * 1-beta,3-beta,11-alpha,14,19-HEXAHYDROXY-5-beta-CARD-20(22)-ENOLIDE * OUABAGENIN * OUABAIN GENIN * G-STROPHANTHIDIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg CSLNX* NX#03216
* unk-cat LDLo:230 ug/kg AIPTAK 148,471,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, CHIMAD 5,93,51

FH5250000 CARD-20(22)-ENOLIDE, 14-HYDROXY-2,3-((TETRAHYDRO-3,5-DIHYDROXY-6-METHYL-4-OXO-2H-PYRAN-3,2- DIYL)BIS(OXY))-, (2-alpha(2S,6R),3-beta,5-alpha)-
UPDT.8303 CAS: 66419-08-7 MW: 532.69 MOLFM: C29-H40-O9
SYN: LABRIFORMIDIN
TOXICITY DATA AND REFERENCES:
3F07F12F19 ipr-mus LD50:3100 ug/kg 41CIAR -,273,78

FH5280000 CARD-20(22)-ENOLIDE, 14-HYDROXY-2,3-((TETRAHYDRO-3,4,5-TRIHYDROXY-6-METHYL-2H-PYRAN-3,2- DIYL)BIS(OXY))-, (2-alpha(2S,6R),3-beta,5-alpha)-
UPDT.8303 CAS: 66419-09-8 MW: 534.71 MOLFM: C29-H42-O9
SYN: ERIOCARPIN
TOXICITY DATA AND REFERENCES:
3F07F12F19 ipr-mus LD50:6500 ug/kg 41CIAR -,273,78

FH5310000 5-beta-CARD-20(22)-ENOLIDE-3-(4'''-O-METHYLTRIDIGITOXOSIDE), 3-beta,12-beta,14-beta- TRIHYDROXY-, ACETONE (2:1)
UPDT.8403 MW: 824.12 MOLFM: C42-H66-O14 . 2C3-H6-O
SYN: BETAMETHYL DIGOXIN * DIGOXIN, beta-METHYL- * DIGOXIN, 4'-O-METHYL- (8CI) * LANIRAPID * LANITOP * MEDIGOXIN * METHYLDIGOXIN * beta-METHYLDIGOXIN * 4'-beta-METHYLDIGOXIN * 4'''-O-METHYLDIGOXIN * METILDIGOXIN * 3beta,12beta,14beta-TRIHYDROXY-5-beta-CARD-20(22)ENOLIDE-3-(4'-O-METHYL TRIDIGITOXOSIDE)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8300 ug/kg MEIEDD 10,460,83
* ipr-rat LD50:6200 ug/kg MEIEDD 10,460,83
scu-rat LD50:7150 ug/kg TOIZAG 23,198,76
ivn-rat LD50:6600 ug/kg TOIZAG 23,198,76
* orl-mus LD50:7800 ug/kg MEIEDD 10,460,83
* ipr-mus LD50:6800 ug/kg MEIEDD 10,460,83
scu-mus LD50:9390 ug/kg TOIZAG 23,198,76
ivn-mus LD50:5780 ug/kg TOIZAG 23,198,76
ivn-cat LDLo:190 ug/kg ARZNAD 28,495,78
ivn-gpg LDLo:653 ug/kg ARZNAD 28,495,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FH5314000 CARD-20(22)-ENOLIDE, 1,3,5,14,19-PENTAHYDROXY-, HYDRATE
UPDT.8401 MW: 438.57 MOLFM: C23-H32-O7 . H2-O
SYN: 1,3,5,14,19-PENTAHYDROXYCARD-20(22)-ENOLIDE HYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FH5335000 5-beta-CARD-20(22)-ENOLIDE, 1-beta,3-beta,14-TRIHYDROXY-
UPDT.8406 CAS: 639-15-6 MW: 390.57 MOLFM: C23-H34-O5
SYN: ACOVENOSIGENIN * ACOVENOSIGENIN A * 1-beta-HYDROXYDIGITOXIGENIN
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:698 ug/kg AIPTAK 140,8,62

CARD-20(22)-ENOLIDE, 3,12,14-TRIHYDROXY-, (3-beta,5-beta,12-beta)- (9CI) see: FH5390000

FH5390000 5-beta-CARD-20(22)-ENOLIDE, 3-beta,12-beta,14-TRIHYDROXY-
UPDT.8306 CAS: 1672-46-4 MW: 390.57 MOLFM: C23-H34-O5

BEST COPY AVAILABLE

SYN: CARD-20(22)-ENOLIDE, 3,12,14-TRIHYDROXY-, (3-beta,5-beta,12-beta)- (9CI) * DIGOXIGENIN * DIGOXIGENINE * LANADIGENIN * delta-sup(20,22)-3-beta,12-beta,14,21-TETRAHYDROXYNORCHOLENIC ACID LACTONE * 3-beta,12-beta,14-TRIHYDROXY-CARD-20(22)-ENOLIDE

TOXICITY DATA AND REFERENCES:
3A11F12G30 ivn-gpg LDLo:3545 ug/kg AIPTAK 153,436,65
* par-pgn LDLo:1620 ug/kg CPBTAL 8,18,60

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BSELDJ -,190,83

CARD-20(22)-ENOLIDE, 3,5,14-TRIHYDROXY-19-OXO-, (3-beta,5-beta)- (9CI) see: FH5425000

FH5420000 5-beta-CARD-20(22)-ENOLIDE, 3-beta,12-beta 14-TRIHYDROXY-, 3,12-DIFORMATE
UPDT:8306 MW: 445.59 MOLFM: C25-H36-O7
SYN: 3,12-FORMYL-DIGOXIGENIN * 3-beta,12-beta,14-TRIHYDROXY-5-beta-CARD-20(22)-ENOLIDE 3,12-DIFORMATE

TOXICITY DATA AND REFERENCES:
3A11F12G30 orl-mus LD50:336B0 ug/kg AIPTAK 153,436,65
3A11F12G30 scu-mus LD50:19420 ug/kg AIPTAK 153,436,65
3A11F12G30 ivn-gpg LDLo:4750 ug/kg AIPTAK 153,436,65

FH5421000 5-beta-CARD-20(22)-ENOLIDE, 3-beta,14,16-beta-TRIHYDROXY-, 3,16-DIFORMATE
UPDT:8306 MW: 445.59 MOLFM: C25-H36-O7
SYN: 3-FORMYL GITALOXIGENIN * 3,16-FORMYL-GITOXIGENIN * 3-beta,14,16-beta-TRIHYDROXY-5-beta-CARD-20(22)-ENOLIDE 3,16-DIFORMATE

TOXICITY DATA AND REFERENCES:
3A11F12G30 scu-mus LD50:32090 ug/kg AIPTAK 153,436,65
3A11F12G30 ivn-gpg LDLo:1115 ug/kg AIPTAK 153,436,65

FH5423000 5-beta-CARD-20(22)-ENOLIDE, 3-beta,14,16-beta-TRIHYDROXY-, 16-FORMATE
UPDT:8306 CAS: 516-21-0 MW: 418.58 MOLFM: C24-H34-O6
SYN: CARD-20(22)-ENOLIDE, 16-(FORMYLOXY)-3,14-DIHYDROXY-, (3-beta,5-beta,16-beta)- (9CI) * 16-FORMYL GITOXIGENIN * GITALOXIGENIN * 3-beta,14,16-beta-TRIHYDROXY-5-beta-CARD-20(22)-ENOLIDE 16-FORMATE

TOXICITY DATA AND REFERENCES:
3A11F12G30 ivn-gpg LDLo:296 ug/kg AIPTAK 153,436,65

FH5425000 5-beta-CARD-20(22)-ENOLIDE, 3-beta,5,14-TRIHYDROXY-19-OXO-
UPDT:8406 CAS: 66-28-4 MW: 404.55 MOLFM: C23-H32-O6
SYN: ANTIBIOTIC K5-69 * APOCYNAMARIN * CARD-20(22)-ENOLIDE, 3,5,14-TRIHYDROXY-19-OXO-, (3-beta,5-beta)- (9CI) * CONVALLATOXIGENIN * CORCHORGENIN * CORCHORIN * CORCHOSIDE A AGLYCON * CORCHSULARIN * CYANOTOXIN * CYMARIGENIN * CYNOTOXIN * ERYSIMUPICRONE * ERYSIMUPIKRON * 5-beta-HYDROXY-19-OXODIGITOXIGENIN * NSC-86078 * STROPHANTHIDIN * k-STROPHANTHIDIN * K-STROPHANTHIDIN * STROPHANTHIDINE * k-STROPHANTHIDINE * STROPHANTHIDIN K * 3,5,14-TRIHYDROXY-19-OXOCARD-20(22)-ENOLIDE * 3-beta,5,14-TRIHYDROXY-19-OXO-5-beta-CARD-20(22)-ENOLIDE * K5-69

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:330 ug/kg B5GDA2 8(2),224,82
ivn-cat LD50:224 ug/kg JPETAB 103,420,51
* unk-cat LDLo:260 ug/kg AIPTAK 148,471,64
ivn-rbt LDLo:110 ug/kg AEPPAE 185,329,37
1U08 ivn-gpg LDLo:6465 ug/kg BRCAB7 76,62,81

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHIMAD 5,93,51

FH5430000 5-beta-CARD-20(22)ENOLIDE, 3-beta,5,14-TRIHYDROXY-19-OXO-, 3-(BROMOACETATE)
UPDT:8403 CAS: 4956-18-7 MW: 525.49 MOLFM: C25-H33-Br-O7
SYN: CARD-20(22)ENOLIDE 3-((BROMOACETYL)OXY)-5,14-DIHYDROXY-19-OXO-, (3-beta,5-beta)- * STROPHANTHIDIN BROMOACETATE * STROPHANTHIDIN 3-BROMOACETATE

TOXICITY DATA AND REFERENCES:
1U08 ivn-gpg LDLo:8812 ug/kg BRCAB7 76,62,81

CARDIAGEN see: QS4375000
CARDIAMID see: QS4375000
CARDIAMINA see: QS4375000
CARDIAMINE see: QS4375000
CARDIAZOL see: XF8225000
CARDIAZOLE see: XF8225000
CARDIDIGIN see: IH2275000
CARDIEM see: DL0310000 1,5-BENZOTHIAZEPIN-4(5H)-ONE, 2,3-DIHYDRO-3-(ACETYLOXY)-5-(2-(DIMETHYLAMINO)ETHYL)-2-(4-METHOXYPHENYL)-, MONOHYDROCHLORIDE, cis-(+)-
CARDIFORTAN see: XF8225000
CARDIGIN see: IH2275000
CARDILATE see: UB6660000
CARDIMON see: QS4375000
CARDINOPHILLIN see: FI2700000
CARDINOPHYLLIN see: FI2700000
CARDIOFILINA see: XH5600000
CARDIOGRAFIN see: LZ4315000
CARDIO-KHELLIN see: LV1050000
CARDIOL see: XF8225000
CARDIOMIN see: XM5600000
CARDIOMONE see: AU7480500
CARDION see: UK6650000
CARDIOQUIN see: LW5950000
CARDIORYTHMINE see: AX8050000
CARDIOSERPIN see: ZG0350000
CARDIOTONICUM see: XF8225000
CARDIOTRAST see: UR8750000
CARDIOVITE see: UK6650000
CARDITIN see: SH6480000
CARDITINO see: ZG0350000
CARDITOXIN see: IH2275000
CARDIVIX see: OB1835000
beta-CARDONE see: PB0826000
CARDOPHYLIN see: XH5600000
CARDOPHYLLIN see: XH5600000
CARDOSAL see: XF8225000
CARDOSAN see: XF8225000
CARDOVERINA see: NW8575000
CARDOXIN see: KK7450000
CARENA see: XH5600000
delta(sup 3)-CARENE see: FH8400000

FH8400000 3-CARENE
UPDT:8307 CAS: 13466-78-9 MW: 136.26 MOLFM: C10-H16
SYN: BICYCLO(4.1.0)HEPT-3-ENE, 3,7,7-TRIMETHYL- (9CI) * delta(sup 3)-CARENE * 5,3-CARENE * ISODIPRENE * 3-NORCARENE, 3,7,7-TRIMETHYL- * 3,7,7-TRIMETHYLBICYCLO(4.1.0)-3-HEPTENE * 4,7,7-TRIMETHYL-3-NORCARENE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 11,1053,73

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4800 mg/kg FCTXAV 11,1053,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FH8400100 CAREX JAPONICA Thunb., extract
DEF: Indian plant belonging to the family CYPERACEAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

FH8400400 CAREYA ARBOREA Roxb., extract excluding roots
DEF: Indian plant belonging to the family LECYTHIDACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: KUMBHI EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

FH8400500 CAREYA HERBACEA Roxb., extract
DEF: Indian plant belonging to the family LECYTHIDACEAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

CARFECILLIN SODIUM see: ON9110000
CARFENE see: TE1925000
CARFENTAMIL see: TM6406000
CARFENTANILA (Spanish) see: TM6406000
CARFENTANYL see: TM6406000
CARFIMAT see: DO5950000
CARFIMATE see: DO5950000

FH8409000 CARICA PAPAYA Linn., unripe fruit pulp extract
UPDT:8405
SYN: PAPAYA, unripe fruit pulp extract

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:700 mg/kg (1-7D preg) IJMRAQ 59,302,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARICIDE see: TL1225000
CARIDOROL see: UB7525000
CARINA see: KV0350000
CARINA 5 70-71 see: KV0350000
CARINEX GP see: WL6475000
CARINEX HR see: WL6475000
CARINEX HRM see: WL6475000
CARINEX SB 59 see: WL6475000
CARINEX SB 61 see: WL6475000
CARINEX SL 273 see: WL6475000
CARINEX TGX/MF see: WL6475000
CARMINOMYCIN-11-METHYL ETHER see: NZ7205500
CARIOMIN see: XH5600000
CARISOL see: FB3325000
CARISOMA see: FB3325000
CARISOPRODATE see: FB3325000
CARISOPRODATUM see: FB3325000
CARISOPRODOL see: FB3325000
CARISOPRODOL and PHENYLBUTAZONE (2:1) see: UQ8276000

FH8760000 CARISSA INERMIS Vahl., extract excluding roots
DEF: Indian plant belonging to the family APOCYNACEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: KARANJA EXTRACT

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:375 mg/kg IJEBA6 11,43,73

FH8760100 CARISSA SPINARUM Linn., extract excluding roots
DEF: Indian plant belonging to the family APOCYNACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: JANGLIKARONDA EXTRACT

TOXICITY DATA AND REFERENCES:
3H30J30M10 ipr-mus LD50:400 mg/kg IJEBA6 12,512,74

CARITROL see: TL1225000
CARLONA 900 see: TQ3325000
CARLONA 58-030 see: TQ3325000
CARLONA 18020 FA see: TQ3325000
CARLONA K 571 see: UD1842000
CARLONA KM 61 see: UD1842000
CARLONA P see: UD1842000
CARLONA PM 61 NATUREL see: UD1842000
CARLONA PPLZ 074 see: UD1842000
CARLONA PXB see: TQ3325000
CARLSOMA see: FB3325000
CARLSOPROL see: FB3325000
CARLYTENE see: FI1600000
CARMAZINE see: ZB3200000
CARMAZON see: UK6650000
CARMETHOSE see: FJ5950000
CARMINAPH see: QL4900000
CARMIN BLUE VS see: BP6830000
CARMINE BLUE (BIOLOGICAL STAIN) see: DU3000000
CARMINE BLUE VF see: BP6830000
CARMINOMICIN I see: QI9293250 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-7,8,9,10-TETRAHYDRO-1,6,8,11-TETRAHYDROXY-, (8S-cis)-
CARMINOMYCIN see: NZ7200000
CARMINOMYCIN, N-ACETYL- see: QI9291500
CARMINOMYCIN, N-L-ALANYL- see: QI9293170
CARMINOMYCIN I see: QI9293250 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-7,8,9,10-TETRAHYDRO-1,6,8,11-TETRAHYDROXY-, (8S-cis)-
CARMINOMYCIN, N-L-LEUCYL- see: QI9293050
CARMINOMYCIN, N-D-PHENYLALANYL- see: QI9293140
CARMOFUR see: UV7714800
CARMOISINE see: QK1925000
CARMOISINE ALUMINUM LAKE see: QK1925000
CARMOISINE BA see: QK1925000
CARMOISINE BA-CF see: QK1925000
CARMOISINE BSS see: QK1925000
CARMOISINE FU see: QK1925000
CARMOISINE GRN see: QK1925000
CARMOISINE LAS see: QK1925000
CARMOISINE S see: QK1925000
CARMOISINE SUPRA see: QK1925000
CARMOISINE W see: QK1925000
CARMOISINE WS see: QK1925000
CARMUSTIN see: YS2625000
CARMUSTINE see: YS2625000
CARNACID-CUR see: LZ1225000
CARNATION RED TONER B see: QJ1897000
CARNELIO HELIO RED see: QK4247000
CARNELIO YELLOW GX see: AK4580000
CARNELIO RED 2G see: QI3854000
CARNELIO RED R see: QL4x6000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CARNIDAZOLE see: FD3912000
CAROB BEAN GUM see: OJ8690000
CAROB FLOUR see: OJ8690000
CAPOFAM see: OB1835000
CAROID see: RU4950000
CAROXAZONE see: DM3300000
CARPENE see: MF1750000
CARPIPRAMINE DIHYDROCHLORIDE MONOHYDRATE see: DW1015100
CARPIDOR see: XU4550000

FI0440000 CARPINUS VIMINEA Wall. ex Lindl., extract excluding roots
DEF:Indian plant belonging to the family BETULACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: CARPI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

CARPOLENE see: AT4680000
CARPOLIN see: FC5950000
CARPROFEN see: FE3180000
CARQUEJOL see: OS9750000

FI0700000 CARRAGEEN
UPDT:8402 CAS: 9000-07-1
SYN: 3,6-ANHYDRO-D-GALACTAN * AUBYGEL GS * AUBYGUM DM * BURTONITE V-40-E * CARASTAY * CARASTAY C * CARRAGEENAN * CARRAGEENAN GUM * CARRAGEENIN * CARRAGHEANIN * CARRAGHEEN * CARRAGHENAN * CHONDRUS * CHONDRUS EXTRACT * COLLOID 775 * COREINE * EUCHEUMA SPINOSUM GUM * FLANOGEN ELA * GALOZONE * GELCARIN * GELCARIN HMR * GELOZONE * GENU * GENUGEL * GENUGEL CJ * GENUGON RLV * GENUVISCO J * GUM CARRAGEENAN * GUM CHON 2 * GUM CHOND * GUM CHROND * IRISH GUM * IRISH MOSS EXTRACT * IRISH MOSS GELOSE * KILLEEN 1 * LYGOMME CDS * PEARLPUSS * PELUGEL * PELLUGEL JD * PENCOGEL * PIG-WRACK * SATIAGEL GS350 * SATIAGUM 3 * SATIAGUM STANDARD * SEAKEM CARRAGEENIN * SEAKEM 3 & LCM * SEASPEN PI * SEATREM * SEIF ROCK MOSS * VISCARIN * VISCARIN 402 & TP 4
TUMORIGENIC DATA AND REFERENCES:
2V03K61 orl-rat TDLo:2100 gm/kg/40W-C CNREA8 38,4427,78
2V02V10 scu-rat TDLo:525 mg/kg/21W-I 38YAH -,83,62
2V03R60 par-rat TDLo:430 mg/kg BJCAAI 15,607,61
TOXICITY DATA AND REFERENCES:
ivn-rbt LDLo:25 mg/kg NATUAS 202,401,64
ivn-gpg LDLo:20 mg/kg NATUAS 202,401,64
REVIEW AND REFERENCES:
+ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 10,181,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARRAGEENAN see: FI0700000

FI0705000 CARRAGEENAN, CALCIUM(II) SALT
UPDT:8306 CAS: 9049-65-2
SYN: ALGIN GUM * CALCIUM CARAGEENIN * CALCIUM CARRAGEENAN * CALCIUM CARRAGHEENATE * CARRAGEEN, CALCIUM SALT * VISCARIN 402
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-rat TDLo:13 gm/kg (14D pre-21D post) TXAPA9 50,267,79
1T81 orl-rat TDLo:105 gm/kg (MGN) FCTXAV 15,533,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5400 mg/kg FDRUI* 124,-,76
orl-mus LD50:8710 mg/kg FAONAU 53A,398,74
orl-rbt LD50:2280 mg/kg FAONAU 53A,393,74
orl-ham LD50:6180 mg/kg FAONAU 53A,398,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FI0706000 CARRAGEENAN, DEGRADED
DEF:CARRAGEENAN derived from Eucheuma spinosum, degraded by acid hydrolysis; average molecularweight 20,000-40,000 (CALEDQ 4,171,78)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V01K61 orl-rat TDLo:360 gm/kg/9W-C CALEDQ 14,267,81
3V01K61P62 orl-rat TD :1700 gm/kg/52W-C CALEDQ 4,171,78
2V01K61 orl-rat TD :6834 gm/kg/73W-C PPTCBY 9,127,79
2V02K61 orl-rat TD :3116 gm/kg/77W-C PPTCBY 9,127,79
2V01K61 orl-rat TD :4860 gm/kg/64W-C PPTCBY 9,127,79
2V03K61 orl-rat TD :2250 gm/kg/64W-C PPTCBY 9,127,79
3V01K61P62 orl-rat TD :1500 gm/kg/43W-C CALEDQ 4,171,78
2V01K61 orl-rat TD :1080 gm/kg/26W-C CALEDQ 14,267,81
2V01K61 orl-rat TD :1620 gm/kg/39W-C CALEDQ 14,267,81
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 31,79,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CARRAGEENAN GUM see: FI0700000

FI0709000 CARRAGEENAN, POTASSIUM SALT
UPDT:8309 CAS: 64366-24-1
SYN: POTASSIUM CARRAGEENAN
MUTATION DATA AND REFERENCES:
dns-mus-ath 25 uL/plate MILEDM 6,145,77
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:40 mg/kg BJEPAS 57,455,76

CARRAGEEN, CALCIUM SALT see: FI0705000
CARRAGEENIN see: FI0700000
CARRAGHEANIN see: FI0700000
CARRAGHEEN see: FI0700000
CARRAGHEENAN see: FI0700000
CARREL DAKIN SOLUTION see: NH3486300
CARRIOMYCIN see: CB9376436
CARROT, seed extract see: MB7715000 DAUCUS CAROTA Linn., seed extract

FI0790000 CARROT SEED OIL
UPDT:8310 CAS: 8015-88-1
SYN: DAUCUS OIL * OIL, CARROT
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,705,76
skn-gpg 100% MLD FCTXAV 14,705,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CARRSERP see: ZG0350000
CARRTIME see: SI1400000
CARSALAM see: DM3110000
CARSODAL see: FB3325000
CARSODOL see: FB3325000
CARSONAM see: BU2614000
CARSONOL SES-S see: WB7350000
CARSONOL SLES see: WB7350000
CARSONOL SLES-2 see: WB7350000
CARSONOL SLS see: WT1050000
CARSONOL SLS PASTE B see: WT1050000
CARSONOL SLS SPECIAL see: WT1050000
CARSONON N-9 see: MD0905000
CARSONON PEG-4000 see: TQ4050000
CARSOQUAT SDQ-25 see: BQ7000000
CARSOQUAT SDQ-85 see: BQ7000000
CARSORON see: DI3500000
CARSTAB DLTDP see: UF8000000
CARTAGYL see: UE9480000
CARTAP see: FD1225000
CARTAP HYDROCHLORIDE see: FD1225000
CARTEOL® HYDROCHLORIDE see: VC8282000

FI1110000 CARTHAMUS OXYCANTHA Bieb., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

CARTOSE see: LZ6600000
CARTWHEELS see: SI1750000

CARUBICIN see: QI9293250 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)- 7,8,9,10-TETRAHYDRO-1,6,8,11-TETRAHYDROXY-, (8S-cis)-

FI1200000 CARUM STRICTOCARPUM Clarke, extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

FI1225000 CARVACROL
UPDT:8405 CAS: 499-75-2 MW: 150.24 MOLFM: C10-H14-O
SYN: ANTIOXINE * o-CRESOL, 5-ISOPROPYL- * p-CYMENE, 2-HYDROXY- * 2-p-CYMENOL * 2-HYDROXY-p-CYMENE * ISOPROPYL-o-CRESOL * ISOTHYMOL * 2-METHYL-5-ISOPROPYLPHENOL * 2-METHYL-5-(1-METHYLETHYL)PHENOL * PHENOL, 5-ISOPROPYL-2-METHYL- * PHENOL, 2-METHYL-5-(1-METHYLETHYL)- (9CI) * o-THYMOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTXAV 17,743,79
TOXICITY DATA AND REFERENCES:
2F07F12 orl-rat LD50:810 mg/kg FCTXAV 2,327,64
orl-cat LDLo:100 mg/kg HBTXAC 5,46,59
* orl-rbt LDLo:100 mg/kg AEPPAE 161,196,31
skn-rbt LDLo:2700 mg/kg JAPMA8 38,366,49
scu-rbt LDLo:1000 mg/kg HBTXAC 5,46,59
scu-frg LDLo:75 mg/kg HBTXAC 5,46,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FI1400000 CARVACROL, 5-CHLORO-
UPDT:8405 CAS: 5665-94-1 MW: 184.68 MOLFM: C10-H13-Cl-O
SYN: CARVASEPT * CHLORCARVACROL * MCT * MONOCHLOROISOTHYMOL * PHENOL, 4-CHLORO-2-METHYL-5-(1-METHYLETHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:250 mg/kg CBCCT* 5,338,53
* scu-mus LDLo:1500 mg/kg AEPPAE 161,196,31
* orl-cat LDLo:1000 mg/kg AEPPAE 161,196,31
* orl-rbt LDLo:750 mg/kg AEPPAE 161,196,31
* scu-frg LDLo:400 mg/kg AEPPAE 161,196,31

FI1582000 CARVACROL, 5-(2-(N,N-DIMETHYLAMINO)ETHOXY)-, ACETATE (ester), CITRATE
UPDT:8306 CAS: 26162-66-3 MW: 421.56 MOLFM: C16-H25-N-O3 C6-H8-O7
SYN: CITRATE de ACETOXY THYMOXY ETHYL DIMETHYLAMINE (French) * 5-(2-(N,N-DIMETHYLAMINO)ETHOXY)CARVACROL ACETATE CITRATE * MORISYLYTE CITRATE
TOXICITY DATA AND REFERENCES:
3F18F24J22 orl-rat LD50:950 mg/kg THERAP 26,775,71
3F18F24J22 scu-rat LD50:220 mg/kg THERAP 26,775,71
3F18F24J22 orl-mus LD50:550 mg/kg THERAP 26,775,71
3F18F24J22 scu-mus LD50:225 mg/kg THERAP 26,775,71

FI1600000 CARVACROL, 5-(2-(N,N-DIMETHYLAMINO)ETHOXY)-, ACETATE, HYDROCHLORIDE
UPDT:8411 CAS: 964-52-3 MW: 315.88 MOLFM: C16-H25-N-O3 Cl-H
SYN: (2-(4-ACETOXY-2-ISOPROPYL-5-METHYLPHENOXY)ETHYL)DIMETHYLAMINE HYDROCHLORIDE * CARLYTENE * CHLORHYDRATE de ACETOXY THYMOXY ETHYL DIMETHYLAMINE (French) * 5-(2-(N,N-DIMETHYLAMINO)ETHOXY)CARVACROL ACETATE HYDROCHLORIDE * M-101 * MORISYLYTE HYDROCHLORIDE * OPILON HYDROCHLORIDE * THYMOXAMINE HYDROCHLORIDE * WV-365
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:2040 mg/kg (17-22D preg.-28D post) YACHD5 10,629,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:740 mg/kg THERAP 26,775,71
3F18F24J22 scu-rat LD50:190 mg/kg THERAP 26,775,71
orl-mus LD50:255 mg/kg JPPMAB 32,209,80
scu-mus LD50:160 mg/kg ARZNAD 17,305,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CARVACRON see: DK8925000
N-(CARVACRYLMETHYL)-2-(DIETHYLAMINO)ACETAMIDE HYDROCHLORIDE HYDRATE see: AB5050000
N-(CARVACRYLMETHYL)-2-(DIETHYLAMINO)-N-ETHYLACETAMIDE HYDROCHLORIDE see: AB5010000
N-(CARVACRYLMETHYL)-2-(DIETHYLAMINO)-N-METHYLACETAMIDE HYDROCHLORIDE see: AB5060000
2-(CARVACRYLOXY)-2-METHYL-PROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: UE8540000
CARVASEPT see: FI1400000
l-CARVEOL see: OS8400000

FI1851000 CARVIA CALLOSA (Wall.) Bremek., extract excluding roots
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
3F07M10U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

CARVIL see: FB5425000
CARVOL see: OS8575000
dl-trans-6,8-CARVOMENTHENEDIOL see: FI2000000

FI2000000 6,8-CARVOMENTHENEDIOL, dl-(Z)-
UPDT:8403 CAS: 32226-54-3 MW: 170.28 MOLFM: C10-H18-O2
SYN: dl-trans-2,8-CARVOMENTHENEDIOL * 3-CYCLOHEXENE-1-METHANOL, 5-HYDROXY-alpha-alpha-4-TRIMETHYL-, trans-(+-)- (9CI) * dl-trans-5-HYDROXY-alpha-alpha-4-TRIMETHYL-3-CYCLOHEXENE-1-METHANOL * dl-trans-p-MENTH-6-ENE-2,8-DIOL * SOBREPIN * dl-trans-SOBREROL * trans-SOBREROL dl- * dl-SOBREROLO (Italian)
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:580 mg/kg MEIEDD 10,1228,83
* ivn-mus LD50:580 mg/kg MEIEDD 10,1228,83

4-CARVOMENTHENOL see: OT0175110
3-CARVOMENTHENONE see: OT0257000
CARVONE see: OS8575000
CARVONE, (+-)- see: OS8670000
(-)-CARVONE see: OS8650000

BEST COPY AVAILABLE

(+)-CARVONE see: OS8670000
D(+)-CARVONE see: OS8670000
d-CARVONE see: OS8670000
L(-)-CARVONE see: OS8650000
l-CARVONE see: OS8650000
(R)-CARVONE see: OS8650000
(S)-(+)-CARVONE see: OS8670000
(S)-CARVONE see: OS8670000
l-CARVYL ACETATE see: OS8500000
l-CARVYL PROPIONATE see: OS8525000
CARYLDERM see: FC5950000
CARYNE see: FD7700000
CARYOLYSIN see: IA1750000
CARYOLYSINE see: IA2100000
CARYOPHYLLENE see: DT8400000
beta-CARYOPHYLLENE see: DT8400000
CARYOPHYLLIC ACID see: SJ4375000
CARZENID see: DH6820000
CARZENIDE see: DH6820000

FI2700000 CARZINOPHILIN
UPDT:8405 CAS: 1403-28-7
SYN: CARDINOPHILLIN * CARDINOPHYLLIN

MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate — ANYAA9 76,475,58

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ipr-rat TDLo:500 iu/kg (1D male) — HIKYAJ 12,1339,66
3T26T34T53 scu-rat TDLo:50 ug/kg (6-10D preg) — OSDIAF 14,107,65

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:3 mg/kg — 85GDA2 6,300,81
* ivn-mus LD50:500 ug/kg — 85GDA2 6,300,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FI2800000 CARZINOPHILIN A
UPDT:8403 CAS: 1403-29-8 MW: 1017.13 MOLFM: C50-H58-N5-O18

MUTATION DATA AND REFERENCES:
mmo-esc 500 ug/disc — APMBAY 6,23,58

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:15 ug/kg — 85ERAY 2,1356,78
* unk-mus LD50:150 ug/kg — 85FZAT -,199,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 5,447,65

CARZOL see: FC2800000
CARZOL see: LQ4375000
CARZOL SP see: FC2800000
CARZONAL see: YR0450000
CAS see: WJ5018000
CASALIS GREEN see: GB6475000
CASANTIN see: SO4200000
CASANTIN see: SO4375000
CASARON see: DI3500000
CASATE see: LY3860000
CASATE SODIUM see: LY3860000
CASCAMITE see: YU1610000
CASCO 5H see: YU1610000
CASCO PR 335 see: YU1610000
CASCO RESIN see: YU1610000
CASCOREZ see: AK0920000
CASCO UL 30 see: YU1610000
CASCO WS 114-79 see: YU1610000
CASCO WS 138-43 see: YU1610000
CASCO WS 138-44 see: YU1610000

FI3519000 CASEARIA TOMENTOSA, Roxb., extract excluding roots
DEF:Indian plant belonging to the family FLACOURTIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: KHOKARAY EXTRACT

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:375 mg/kg — IJEBA6 7,250,69

FI3519400 CASEICIDIN
UPDT:8308 CAS: 51142-27-9
SYN: CASEIDIN

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg — 85GDA2 9,194,82

CASEIDIN see: FI3519400
CASEIN-SODIUM see: FI3540000

FI3540000 CASEIN, SODIUM COMPLEX
UPDT:8401 CAS: 9005-46-3
SYN: CASEIN-SODIUM * CASEIN, SODIUM COMPLEXES * NUTROSE * SODIUM CASEINATE

TUMORIGENIC DATA AND REFERENCES:
3V03K60P62 scu-mus TDLo:45 gm/kg/15D-I — JNCIAM 57,1367,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CASEINS, SODIUM COMPLEXES see: FI3540000
CASHMILON, combustion products see: AT6975000
CASIFLUX VP 413-004 see: ZC9750000
CASING HEAD GASOLINE (DOT) see: LX3300000
CASORON see: DI3500000
CASORON 133 see: DI3500000
CASPAN see: OW1225000
CASSAINE HYDROCHLORIDE see: TP8640000
CASSAPPRET SR see: TR2725000
CASSAVA see: FI4007000

FI4007000 CASSAVA, MANIHOT UTILISSIMA
DEF:Cassava tubers form the staple diet for many people in Nigeria and other tropical countries(BNEOBV 36,233,79)
UPDT:8406
SYN: CASSAVA * CASSAVA MEAL * CASSAVA POWDER * GARI * MANIHOT UTILISSIMA * MILLED CASSAVA POWDER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:650 gm/kg (14D pre/1-22D preg) — BNEOBV 36,233,79
1T29 orl-rat TDLo:1300 gm/kg (14D pre/1-22D preg) — BNEOBV 36,233,79
3T25T34T46 orl-rat TDLo:375 gm/kg (1-15D preg) — TJADAB 24,289,81
2T34T46 orl-ham TDLo:1536 gm/kg (1-16D preg) — TOXID9 4,87,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CASSAVA MEAL see: FI4007000
CASSAVA POWDER see: FI4007000
CASSELLA 532 see: TH8849900
CASSELLA 4489 see: AG9500000
CASSEL BROWN see: OP0915000
CASSEL GREEN see: OP0900000

FI4019000 CASSIA ABSUS Linn., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg — IJEBA6 18,594,80

FI4020000 CASSIA ALATA Linn., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
2M10Y55 ipr-mus LD50:1 gm/kg — IJEBA6 15,208,77

CASSIA ALDEHYDE see: GD6475000

FI4030000 CASSIA AURICULATA Linn., root extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 6,232,68)
UPDT:8302
SYN: AVARAM ROOT EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg — IJEBA6 6,232,68

FI4035000 CASSIA LAVIGATA Willd., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8302

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:40 mg/kg — IJEBA6 12,512,74

FI4050000 CASSIA OIL
UPDT:8310 CAS: 8007-80-5
SYN: ARTIFICIAL CINNAMON OIL * CINNAMON BARK OIL * CINNAMON OIL * KASSIA OEL (German) * OIL of CASSIA * OIL OF CHINESE CINNAMON * OIL OF CINNAMON * OIL OF CINNAMON, CEYLON * OILS, CINNAMON

IRRITATION DATA AND REFERENCES:
skn-hmn 100% — FCTXAV 13,109,75
skn-mus 100% MLD — FCTXAV 13,109,75
skn-rbt 500 mg/24H SEV — FCTXAV 13,109,75

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2800 mg/kg — FCTXAV 13,109,75
3H02J15J26 ipr-mus LD50:500 mg/kg — PHMCAA 3,62,61
* skn-rbt LD50:320 mg/kg — FCTXAV 13,109,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FI4060000 CASSIA PUMILA Lamk., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
3F07M10U26 ipr-mus LD50:750 mg/kg — IJEBA6 18,594,80

FI4072000 CASSIA SURATTENSIS Burm. f. var. SUFFRUTICOSA Chatt., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:62500 ug/kg — IJEBA6 15,208,77

FI4075000 CASSIA TORA Linn., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 7,250,69)
UPDT:8302
SYN: CHAKUNDA SEED EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg — IJEBA6 7,250,69

FI4076200 CASSILYSIDINE
DEF:Isolated from CASSIA EXCELSA (85GDA2 8(2),383,82)
UPDT:8308

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:150 mg/kg — 85GDA2 8(2),383,82

FI4076300 CASSILYSINE
DEF:Isolated from CASSIA EXCELSA (85GDA2 8(1),227,82)
UPDT:8308

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:300 mg/kg — 85GDA2 8(1),227,82

CASSURIT LR see: NJ0607000

FI4079000 CASTANEA SATIVA Mill., stem bark extract
DEF:Indian plant belonging to the family FAGACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: SWEET CHESTNUT STEM BARK EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg — IJEBA6 6,232,68

CASTANEA SATIVA MILL TANNIN see: FM3015000

FI4085000 CASTANOPSIS INDICA A. DC., stem bark extract
DEF:Indian plant belonging to the family FAGACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: DAINE KATUS STEM BARK EXTRACT

TOXICITY DATA AND REFERENCES:
3H30U26V30 ipr-mus LD50:188 mg/kg — IJEBA6 12,512,74

FI4090000 CASTANOPSIS TRIBULOIDES A. DC., extract excluding roots
DEF:Indian plant belonging to the family FAGACEAE (IJEBA6 11,43,73)
UPDT:8202
SYN: MUSHRE KATUS EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg — IJEBA6 11,43,73

FI4095000 CASTOR BEAN
UPDT:8312
SYN: CASTOR BEANS (DOT) * CASTOR FLAKE (DOT) * CASTOR MEAL (DOT) * CASTOR POMACE (DOT) * UN 2969 (DOT)

TOXICITY DATA AND REFERENCES:
orl-chd LDLo:500 ug/kg — 34ZIAG -,158,69

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-C; LABEL:NONE — CFRGBR 49,172.101.82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CASTOR BEANS (DOT) see: FI4095000
CASTOR FLAKE (DOT) see: FI4095000
CASTOR MEAL (DOT) see: FI4095000

FI4100000 CASTOR OIL
UPDT:8412 CAS: 8001-79-4
SYN: AROMATIC CASTOR OIL * CASTOR OIL AROMATIC * COSMETOL * CRYSTAL O * GOLD BOND * NCI-C55163 * NEOLOID * OIL of PALMA CHRISTI * PHORBYOL * RICINUS OIL * RICIRUS OIL * TANGANTANGAN OIL

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg — AJOPAA 29,1363,46

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

CASTOR OIL AROMATIC see: FI4100000
CASTOR POMACE (DOT) see: FI4095000

BEST COPY AVAILABLE

CASTRIX see: UV8050000
CASTRON see: MV7350000
CAT see: XY5250000
CAT see: NZ8173500
CAT (herbicide) see: XY5250000
CATALIN CAO-3 see: GO7875000
CATALIN SODIUM see: UV1151200
CATALOID see: VV7310000
CATAMIN AB see: BO3150000
CATAMINE AB see: BO3150000
CATANERIN see: CB7920400
CATANIL see: YS6650000
CATAPAL S see: BD1200000
CATAPAL SB ALUMINA see: BD1200000
CATAPRES see: NJ2490000
CATAPRESAN see: NJ2490000
CATAPYRIN see: YQ8665000
CATATOXIC STEROID NO. 1 see: TU4650000
CATAVIN C see: CI7650000
CAT DIPOTASSIUM SALT see: NZ8173500
CATECHIN see: DJ3450000
CATECHIN see: UX1050000
(+)-CATECHIN see: DJ3450000
d-CATECHIN see: DJ3450000
D-(+)-CATECHIN see: DJ3450000
CATECHIN (FLAVAN) see: DJ3450000
CATECHIN HYDRATE see: LK6920000
CATECHINIC ACID see: DJ3450000
CATECHOL see: DJ3450000
CATECHOL see: UX1050000
(+)-CATECHOL see: DJ3450000
D-CATECHOL see: DJ3450000
CATECHOL DIETHYL ETHER see: CZ5580000
CATECHOL (FLAVAN) see: DJ3450000
CATECHUIC ACID see: DJ3450000
CATENULIN see: WK2315000 STREPTAMINE, O-2,6-DIAMINO-2,6-DIDEOXY-beta-L-IDOPYRANOSYL-(1-3)-Obeta-D-RIBOFURANOSYL- (1-5)-O-(2-AMINO-2-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-4)-2-DEOXY-
CATERGEN see: DJ3450000
CATEUDYL see: VA3850000

FI5560000 CATHEPSIN D
UPDT.8308 CAS: 9025-26-7
SYN: CATHEPSIN E * E.C. 3.4.23.5 * E.C. 3.4.4.23
MUTATION DATA AND REFERENCES:
dns-rat:ivr 100 ul CNREA8 37,354,77
CATHEPSIN E see: FI5560000
CATHOCIN see: CU9080000
CATHOMYCIN see: CU9080000
CATHOMYCIN SODIUM see: RD5425000
CATHOMYCIN SODIUM LYOVAC see: RD5425000
CATILAN see: AB6825000

FI5983000 CATIONOMYCIN
UPDT.8306 MW: 851.15 MOLFM: C45-H70-O15
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg JANTAJ 35,82-155,82
* ivn-mus LD50:3000 mg/kg JANTAJ 35,82-155,82
CATIONUL FENOTIAZINIC see: WR8330000
CATNIP OIL see: RJ3690300
CATOLIN 14 see: PA3500000
CATOVITAN see: UY2450000
CATRAL see: MV7350000
CATRAN see: MV7350000
CATROL see: MV7350000
CATRON see: MV7350000
CATRON HYDROCHLORIDE see: MV7400000
CATRONIACID see: MV7400000
CATRONIAZIDE see: MV7350000
C. ATROX VENOM see: YX4310000

FI6260000 CAUCOLIS LATIFOLIA Linn., extract
DEF: Indian plant belonging to the family UMBELLIFERAE (IJEBA6 16,228,78)
UPDT.8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

FI6829000 CAULOPHYLLUM THALICTROIDES, glycoside extract
DEF: Crystalline glycoside isolated from CAULOPHYLLUM THALICTROIDES (BLUE COHOSH)(JAPMA8 43,16,54)
UPDT.8405
IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm/1M JAPMA8 43,16,54
TOXICITY DATA AND REFERENCES:
3F12F17F19 ivn-rat LD50:20300 ug/kg JAPMA8 43,16,54
3F12F17F19 ivn-mus LD50:11800 ug/kg JAPMA8 43,16,54
CAUSOIN see: MU1050000
CAUSTIC BARLEY see: YX5950000
CAUSTIC POTASH see: TT2100000
CAUSTIC POTASH, dry, solid, flake, bead, or granular (DOT) see: TT2100000
CAUSTIC POTASH, liquid or solution (DOT) see: TT2100000
CAUSTIC SODA see: WB4900000
CAUSTIC SODA, BEAD (DOT) see: WB4900000
CAUSTIC SODA, liquid (DOT) see: WB4900000
CAUSTIC SODA, solution (DOT) see: WB4900000
CAUSTIC SODA, DRY (DOT) see: WB4900000
CAUSTIC SODA, FLAKE (DOT) see: WB4900000
CAUSTIC SODA, GRANULAR (DOT) see: WB4900000
CAUSTIC SODA, SOLID (DOT) see: WB4900000
CAVALITE BRILLIANT BLUE R see: CB1050000
CAV-ECOL see: RJ3725000
CAVINTON see: JW4792000
CAVI-TROL see: WB0350000
CAVODIL see: MV7350000
CAVONYL see: CQ2975000
CAVUMBREN see: LZ4297000

FI7480000 CAYRATIA CARNOSA (Wall.) Gagnep., extract excluding roots
UPDT.8305
SYN: CHOTO-GOALE EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:250 mg/kg IJEBA6 9,91,71
CAYTINE see: UL1225000
CAYTINE HYDROCHLORIDE see: UL1225000
4-CB see: DV8650000
CB-154 see: KE1595000
CB-154 see: KE8250000
CB 304 see: XY8577000
CB-337 see: MA3753000
CB 804 see: UE8860000
804 CB see: UE8850000
CB 1331 see: AF5456000
CB 1332 see: MW5095000
CB 1348 see: ES7525000
CB 1356 see: YV6191300
1497CB see: UC1934050
CB 1506 see: KK1960000
1522 CB see: OB2275000
1613-CB see: EL7900000
1678 CB see: UC1935000
CB 2040 see: TY5400000
C.B. 2041 see: EK1750000
CB2058 see: IO0700000
CB 2511 see: OP2975000
CB 2562 see: XO8500000
CB 3007 see: AY3360000
CB 3025 see: AY3675000
3025 C.B. see: AY3675000
CB-3026 see: AY3370000
3026 C.B. see: AY3370000
CB-3307 see: AY3600000
CB 3702 see: MA1247500
4261 CB see: DF0525000
CB 4261 see: DF0525000
4306 CB see: DE8750000
4361 CB see: DF0525000
CB-4564 see: RP5950000
CB-4835 see: YQ8925000
C 78198 see: VO8640000
CB 8000 see: CZ9200000
CB 8019 see: FB3325000
8022 C.B. see: RC8961200
8065 C.B. see: AB6680000
8075 C.B. see: RN6800700
8080 C. B. see: RC8963000
8089 C.B. see: DE1900000
8089 CB see: DE1925000
8102 CB see: XH4900000
C 34647Ba see: MW5084200
C-39089-Ba see: UA5277000
C 49249Ba see: RC8945400
CBBP see: TA2975000
CBD see: VH1600000
CBD 90 see: XZ1925000
CBDZ see: DD6538000
CBN see: FD7700000
CBN see: HP8575000
CB 4306 see: DE8750000
CBPC see: ON9105000
CBS-634 see: QT1850000
N-CBZ-GABA see: ES8137200
(CBZ)GLY see: MB9129000
C 31C see: BD0940000
CC 914 see: AI6500000
CC 11511 see: MA4725000
'C' CARRIE see: YM2800000
CCC see: BP5250000
CCC see: GS6000000
CCC PLANT GROWTH REGULANT see: BP5250000
C. CERASTES VENOM see: YX4290000
CCH see: GA4400000
CCH see: NH3485000
CCHO see: RN7175000
C.C.I. see: GA4400000
CCK 179 see: KE8800000
CCN52 see: GZ1250000
C.C. No. 914 see: AI6500000
C.C. NO. 1037 see: DH3400000
CCNU see: YS4900000
CCS see: DB5250000
CCS 203 see: EO1400000
CCS 301 see: EO1750000
CCUCOL see: UO8925000
CD see: UV8140000
CD 2 see: DE9275000
C 4D see: BD0940000
CD 68 see: PB9800000
CD 419 see: UD1842000
CD-3400 see: ZG0900000
CDA see: BQ5425000
CDA 101 see: GL5325000
CDA 102 see: GL5325000
CDA 110 see: GL5325000
CDA 122 see: GL5325000
CDAA see: AB5250000
CDAAT see: AB5250000
3',4'-Cl2-DAB see: BX3150000
CDB 63 see: XZ1900000
CDBM see: PA6360000
CDC see: FZ1980000
CDCA see: FZ1980000
CDDP see: TP2450000
CDEC see: EZ5075000
2-CDF see: NI2931000
CDM see: LQ4375000
CDNA see: BX2975000
CDNB see: CZ0525000
CDO see: DE9275000
CDP see: DE9275000
CDP see: HA3917000
CDP-CHOLIN (German) see: GA4027000
CDP-CHOLINE see: GA4027000
CDP-COLINA (Spanish) see: GA4027000
67/20CDRI see: GA8730000

BEST COPY AVAILABLE

CDRI 70-529 see: NM2257100 INDOLIZINE, 1,3-BIS[(4-PHENYL-1-PIPERAZINYL)METHYL]-2-PHENYL-
CDRI 71-150 see: NM2256700 INDOLIZINE, 1,3-BIS[(4-(4-FLUOROPHENYL)-1-PIPERAZINYL)METHYL]-2-PHENYL-
CDRI 71-151 see: NM2256000 INDOLIZINE, 1,3-BIS[(4-(2-CHLOROPHENYL)-1-PIPERAZINYL)METHYL]-2-PHENYL-
CDRI 71-152 see: NM2256300 INDOLIZINE, 1,3-BIS[(4-(3-CHLOROPHENYL)-1-PIPERAZINYL)METHYL]-2-PHENYL-
CDRI 71-153 see: TN7861000 4-PIPERIDINOL, 1,1'-[(2-PHENYL-1,3-INDOLIZINEDIYL)BIS(METHYLENE)]BIS(4-PHENYL-
CDRI 71-154 see: NM2292000 INDOLIZINE, 1-METHYL-2-PHENYL-3-[(4-PHENYL-1-PIPERAZINYL)METHYL]
CDRI 71-184 see: KM5782660 ETHANONE, 1,1'-[(2-PHENYL-1,3-INDOLIZINEDIYL)BIS(METHYLENE(4-PHENYL-1,4-PIPERIDINEDIYL))] BIS-
CDRI 71-186 see: NM2256900 INDOLIZINE, 1,3-BIS[(4-PHENYL-1-PIPERAZINYL)METHYL]-7-METHYL-2-PHENYL-
CDRI 71-214 see: NM2293000 INDOLIZINE, 3-METHYL-2-PHENYL-1-[(4-PHENYL-1-PIPERAZINYL)METHYL]
CDRI 71-215 see: NM2256500 INDOLIZINE, 1,3-BIS[(4-(4-CHLOROPHENYL)-1-PIPERAZINYL)METHYL]-2-PHENYL-
6-CDS see: LZ5851000
6'-CDS see: LZ5779800
CDS-216 see: WR7900700
CDT see: GU2308000
CDT see: GU2310000
CDT see: XY5250000
C.D. TERRIFICUS VENOM see: YX4320000
CE see: BY6300000
CE-58 see: CB9395503
C13E6 see: YD5225000
C14E7 see: XB9357500
264CE see: CU8800000
746 CE see: UC2014000 1-PROPANONE, 3-(4-(2-ETHOXY-2-PHENYLETHYL)-1-PIPERAZINYL)-2-METHYL-1-PHENYL-, DIHYDROCHLORIDE
CE 3598 see: AG6542000 ACETIC ACID, (2,3-DICHLORO-4-(2-FUROYL)PHENOXY)-
CE 3624 see: AG9300000 ACETIC ACID, (2,3-DICHLORO-4-(2-THIENYLCARBONYL)PHENOXY)-
CE 3649 see: AG6642000 ACETIC ACID, (2,3-DICHLORO-4-(5-METHYL-2-THENOYL)PHENOXY)-
C-14919 E-2 see: OL9056000
CEBESINE see: DG1502900
CEBICURE see: CI7650000
CEBID see: CI7650000
CEBION see: CI7650000
CEBIONE see: CI7650000
CEBITATE see: CI7671000
CEBRUM see: DE9450000
CECA see: AB5100000
CECALGINE TBV see: AZ5820000
CECARBON see: FF5250100
CE CE CE see: BP5250000
CECENU see: YS4900000
CECIL see: YM2800000
CECOLENE see: KX4550000
CECON see: CI7650000

FJ1490000 CECROPIA PELTATA L., leaf and stem extract
DEF Jamaican plant belonging to the family MORACEAE (JPPMAB 14,556,62)
UPDT.8405
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:4 gm/kg JPPMAB 14,556,62

CEDAD see: DD2800000

FJ1520000 CEDAR LEAF OIL
UPDT.8305 CAS: 8007-20-3
SYN: OIL OF ARBOR VITAE * OIL OF CEDAR LEAF * OIL OF THUJA * OIL OF WHITE CEDAR * OILS, CEDAR LEAF * OIL THUJA * THUJA OIL * WHITE CEDAR OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,843,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:830 mg/kg FCTXAV 12,843,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CEDAR WOOD OIL see: FJ1520050

FJ1520050 CEDARWOOD OIL (VIRGINIA)
UPDT.8305 CAS: 8000-27-9
SYN: CEDAR WOOD OIL * CEDRUS ATLANTICA OIL * OIL CEDAR * OIL OF CEDAR WOOD * OILS, CEDARWOOD * RED CEDARWOOD OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,845,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FJ1535000 CEDARWOOD OIL ATLAS
UPDT.8305 CAS: 8023-85-6
SYN: CEDARWOOD OIL MOROCCAN * CEDRUS ATLANTICA OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,709,76

CEDARWOOD OIL MOROCCAN see: FJ1535000
CEDILANID see: OE2100000
CEDIN see: NS1750000
CEDRAMBER see: PB7728000

FJ1670000 CEDRANE, 8,9-EPOXIDE
DEF Produced from epoxidation of CEDRENE, followed by distillation (FCTXAV 18,649,80)
UPDT.8305
SYN: ANDRANE * CEDR-8-ENE EPOXIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 18,663,80

FJ1680000 8-beta-H-CEDRAN-8-OL, ACETATE
UPDT.8305 CAS: 77-54-3 MW: 264.45 MOLFM: C17-H28-O2
SYN: ACETIC ACID, CEDROL ESTER * CEDRANYL ACETATE * CEDRYL ACETATE * 1H-3a,7-METHANOAZULEN-6-OL, OCTAHYDRO-3,6,8,8-TETRAMETHYL-, ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,847,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CEDRANYL ACETATE see: FJ1680000

FJ1691000 CEDRELA ODORATA L., leaf and stem extract
DEF Jamaican plant belonging to the family MELIACEAE (JPPMAB 14,556,62)
UPDT.8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:4 gm/kg JPPMAB 14,556,62

FJ1691500 CEDRELA SERRATTA Royle, bark extract
DEF Indian plant belonging to the family MELIACEAE (IJEBA6 16,228,78)
UPDT.8411
TOXICITY DATA AND REFERENCES:
1P02 ipr-rat LD50:75 mg/kg IJEBA6 16,228,78

CEDR-8-ENE see: PB7725000
alpha-CEDRENE see: PB7725000
CEDR-8-ENE EPOXIDE see: FJ1670000
CEDROL FORMATE see: OS9500000
CEDROL METHYL ETHER see: PB7728000
CEDRO OIL see: OG8300000
CEDRUS ATLANTICA OIL see: FJ1520050
CEDRUS ATLANTICA OIL see: FJ1535000

FJ1712000 CEDRUS DEODARA (Roxb.) Loud., stem extract
DEF Indian plant belonging to the family PINACEAE (IJEBA6 6,232,68)
UPDT.8302
SYN: DEODAR STEM EXTRACT
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:500 mg/kg IJEBA6 6,232,68

CEDRYL ACETATE see: FJ1680000
CEDRYL FORMATE see: OS9500000
CEE see: TU5786000
CEE DEE see: BQ7875000
CEENU see: YS4900000
CEEPRYN see: UU5075000
CEEPRYN see: UU4845000
CEEPRYN see: UU4900000
CEEPRYN CHLORIDE see: UU4900000
CEFACETRILE SODIUM see: XI0370000
CEFACIDAL see: XI0390000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL-1,3,4-THIADIAZOL-2-YL) THIO)METHYL)-8-OXO-7-(((1H-TETRAZOL-1-YL)ACETYL)AMINO)-, (6R-trans)-, SODIUM SALT
CEFADOL see: TM4970500
CEFADROXIL see: XI0337000
CEFADYL see: XI0382000
CEFA-ISKIA see: XI0350000
CEFALEXIN see: XI0350000
CEFALOGLYCIN see: XI0345000
CEFALOJECT see: XI0382000
CEFALORIDIN see: UU3675000
CEFALORIDINE see: UU3675000
CEFALOTHINE SODIUM see: XI0383000
CEFALOTHIN SODIUM see: XI0383000
CEFALOTIN see: XI0388000
CEFALOTINA SODICA (Spanish) see: XI0383000
CEFALOTO see: XI0350000
CEFAMEDIN see: XI0390000
CEFAMEZIN see: XI0390000
CEFAPIRIN SODIUM see: XI0382000
CEFAPRIN SODIUM see: XI0382000
CEFATIN see: RG1925000
CEFATOXIME SODIUM see: XI0250000
CEFATREXYL see: XI0382000
CEFATRIZINE see: XI0340000
CEFAZEDONE SODIUM SALT see: XI0384000
CEFAZIL see: XI0390000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL1,3,4-THIADIAZOL-2-YL) THIO)METHYL)-8-OXO-7-(((1H-TETRAZOL-1-YL)ACETYL)AMINO)-, (6R-trans)-,SODIUM SALT
CEFAZINA see: XI0390000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL-1,3,4-THIADIAZOL-2-YL) THIO)METHYL)-8-OXO-7-(((1H-TETRAZOL-1-YL)ACETYL)AMINO)-, (6R-trans)-, SODIUM SALT
CEFAZOLIIN see: XI0390000
CEFAZOLIN SODIUM see: XI0390000
CEFAZOLIN SODIUM SALT see: XI0390000
CEFEDRIN see: UG2950000
CEFLORIN see: UU3675000
CEFMENOXIME HEMIHYDROCHLORIDE see: XI0367700
CEFMETAZOLE see: XI0372000
CEFMETAZOLE SODIUM see: XI0372200
CEFOTAN see: XI0330600
CEFOTAXIME SODIUM see: XI0250000
CEFOTETAN see: XI0330800
CEFOTETAN DISODIUM SALT see: XI0330600
CEFOXITIN SODIUM SALT see: XI0330500
CEFOXOTIN SODIUM see: XI0330500
CEFRACYCLINE SUSPENSION see: QI8750000
CEFRACYCLINE TABLETS see: QI9100000
CEFRADINE see: XI0336000
CEFROXADIN see: XI0335000
CEFROXADINE see: XI0335000
CEFTEZOLE SODIUM see: XI0400000
CEFTIZOXIME SODIUM see: XI0368000
CEFTIZOXIM-NATRIUM (German) see: XI0368000
CEFUROXIM see: XI0329000
CEFUROXIME see: XI0329000
CEGIOLAN see: CI7650000
CEGLION see: CI7650000
CEGLUTION see: OJ5800000

FJ1962000 CEIBA PENTANDRA Linn. Gaertn., extract excluding roots
DEF Indian plant belonging to the family BOMBACACEAE (IJEBA6 12,512,74)
UPDT.8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:187 mg/kg IJEBA6 12,512,74

CEKIURON see: YS8925000
CEKUBARYL see: FC5950000
CEKUDIFOL see: DC8400000
CEKUFON see: TA0700000
CEKUGIB see: LY8990000
CEKUMETA see: KF9900000
CEKUMETHION see: TG0175000
CEKUQUAT see: DW2275000
CEKUSAN see: TC0350000
CEKUSAN see: XY5250000
CEKUSIL see: QV6475000
CEKUSIL UNIVERSAL A see: QV6300000
CEKUSIL UNIVERSAL C see: QW0875000
CEKUTHOATE see: TE1750000
CEKUTROTHION see: TG0350000
CEKUZINA-S see: XY5250000
CEKUZINA-T see: XY5600000
CELA A-36 see: TA2100000
CELACOL M see: FJ5959000

BEST COPY AVAILABLE

CELACOL M20 see: FJ5959000
CELACOL M450 see: FJ5959000
CELACOL MM see: FJ5959000
CELACOL MM 10P see: FJ5959000
CELACOL M 20P see: FJ5959000
CELACTAL see: XJ0776350
CELA K-37 see: TB0185000
CELA K-41 see: TB0200000
CELA K-43 see: TB1070000
CELAMERCK S-2957 see: TF1590000
CELANAR see: TR2725000
CELANEX see: GV4900000
CELANOL DOS 75 see: WN0525000
CELANTHRENE PURE BLUE BRS see: CB0540000
CELA S 1942 see: TE7175000
CELA S-2225 see: TE7000000
CELA S-2957 see: TF1590000
CELASKON see: CI7650000
CELASTROL-METHYLETHER see: RC4905000

FJ2389000 CELASTRUS PANICULATUS Willd., extract excluding roots
DEF: Indian plant belonging to the family CELASTRACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: MALKANGNI EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

CELATHION see: TF1590000
CELATOX see: AF9557000
CELDION see: XJ7010500
CELESTAN-DEPOT see: TU3686000
CELESTICETIN see: RH6125000
CELESTODERM see: TU3835000
CELESTONE see: TU4000000
CELESTONE CHRONODOSE see: TU3686000
CELESTONE SOLOSPAN see: TU3686000
CELESTONE SOLUSPAN see: TU3686000
CELEX see: QW0970000
CELGARD 2500 see: UD1842000
CELGARD 3501 see: UD1842000
CELGARD KKX 2 see: UD1842000
CELGARD 2400W see: UD1842000
CELICOMYCIN-SULFATE see: ZA3960000
CELIN see: CI7650000
CELINHOL -A see: RG1925000
CELIOMYCIN see: ZA3900000
CELIPROLOL HYDROCHLORID (German) see: YR6560000
CELIPROLOL HYDROCHLORIDE see: YR6560000
CELITE see: VV7330000
CELITE see: VV7309000
CELLAPRET see: FJ5959000
CELLATIVE see: AG0440000 ACETIC ACID, (p-CHLOROPHENOXY)-, 2-DIMETHYLAMINOETHYL ESTER,HYDROCHLORIDE
CELLIDRIN see: UR0785000
CELLITAZOL B see: DD0875000
CELLITAZOL BN see: DD0875000
CELLITAZOL R see: BY8225000
CELLITON BLUE BB-CF see: CB0540000
CELLITON BLUE EXTRA see: CB0540000
CELLITON BLUE G see: CB0540000
CELLITON BLUE GA-CF see: CB0540000
CELLITON BRILLIANT YELLOW 8G see: CX5083000
CELLITON DISCHARGE YELLOW GL see: AC3662000
CELLITON FAST YELLOW G see: AC3662000
CELLITON FAST YELLOW GA see: AC3662000
CELLITON FAST YELLOW GA-CF see: AC3662000
CELLITON ORANGE R see: CB5740000
CELLITON YELLOW G see: AC3662000
CELLOFAS see: FJ5950000
CELLOFAS B see: FJ5950000
CELLOFAS B5 see: FJ5950000
CELLOFAS B6 see: FJ5950000
CELLOFAS B50 see: FJ5950000
CELLOFAS C see: FJ5950000
CELLOFOR (Czech) see: XY2625000
CELLOGEL C see: FJ5950000
CELLOGEN 3H see: FJ5950000
CELLOGEN PR see: FJ5950000
CELLOGEN WS-C see: FJ5950000
CELLOGRAN see: FJ5959000
CELLOIDIN see: QW0970000
CELLON see: KI8575000

FJ4100000 CELLOPHANE
UPDT:8408 CAS: 9005-81-6 MOLFM: (C6-H10-O5)n
SYN: VISKING CELLOPHANE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:18 mg/kg CNREA8 15,333,55
2V03V10 imp-mus TDLo:720 mg/kg CNREA8 15,333,55
2V03V10 imp-rat TD :4200 mg/kg PSEBAA 67,33,48

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JOCMA7 15(10),808,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CELLOSOLVE see: ID5950000
CELLOSOLVE see: KK8050000
CELLOSOLVE ACETATE see: KK8225000
CELLOSOLVE ACETATE (DOT) see: KK8225000
CELLOSOLVE ACRYLATE see: AS9800000
CELLOSOLVE, 2,4-DICHLOROPHENYL- see: KK4375000
CELLOSOLVE (DOT) see: KK8050000
CELLOSOLVE SOLVENT see: KK8050000

FJ5075200 CELLOSTATIN
DEF: An antibiotic produced by S. CELLOSTATICUS (B5FZAT -,203,67)
UPDT:8309

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:15 mg/kg B5FZAT -,203,67

CELLOTHYL see: FJ5959000
CELLPRO see: FJ5950000
CELLUFIX FF 100 see: FJ5950000
CELLUFLEX see: KK2450000
CELLUFLEX 179C see: TD0175000
CELLUFLEX DOP see: TI1925000
CELLUFLEX DPB see: TI0875000
CELLUFLEX TPP see: TC8400000
CELLUGEL see: FJ5950000
CELLULASE LIGNIN see: OI6000000

FJ5691300 CELLULOID
UPDT:8312 CAS: 8050-88-2
SYN: CELLULOIS, in blocks, rods, rolls, sheets, tubes (DOT) * CELLULOIS, scrap (DOT) * UN 2000 (DOT) * UN 2002 (DOT)

STANDARDS & REGULATIONS:
★ **DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID** CFRGBR 49,172.102,83
★ **DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE** CFRGBR 49,172.102,83

CELLULOIS, in blocks, rods, rolls, sheets, tubes (DOT) see: FJ5691300
CELLULOIS, scrap (DOT) see: FJ5691300

FJ5775000 CELLULOSE, CARBOXYMETHYL ETHER, AMMONIUM SALT
UPDT:8401 CAS: 9086-60-6
SYN: AMMONIUM CARBOXYMETHYL CELLULOSE * CARBOXYMETHYL CELLULOSE AMMONIUM SALT * CARBOXYMETHYLCELLULOSE NORDIC

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:6600 mg/kg/73W-I RCBIAS 20,701,61

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FJ5950000 CELLULOSE, CARBOXYMETHYL ETHER, SODIUM SALT
UPDT:8406 CAS: 9004-32-4
SYN: AC-DI-SOL NF * AKU-W 515 * AQUAPLAST * B 10 * BLANOSE B5 190 * BLANOSE BWM * B 10 (POLYSACCHARIDE) * CARBOSE 1M * CARBOXYMETHYL CELLULOSE * CARBOXYMETHYLCELLULOSE SODIUM * CARBOXYMETHYLCELLULOSE SODIUM SALT * CARMETHOSE * CELLOFAS * CELLOFAS B * CELLOFAS B5 * CELLOFAS B6 * CELLOFAS B50 * CELLOFAS C * CELLOGEL C * CELLOGEN 3H * CELLOGEN PR * CELLOGEN WS-C * CELLPRO * CELLUFIX FF 100 * CELLUGEL * CELLULOSE GLYCOLIC ACID, SODIUM SALT * CELLULOSE SODIUM GLYCOLATE * CMC * CMC 2 * CMC 41A * CM-CELLULOSE Na SALT * CM-CELLULOSE SODIUM SALT * CMC 7H * CMC 4H1 * CMC 7H3SF * CMC 7L1 * CMC 7M * CMC 4M6 * CMC 7MT * CMC 3MST * CMC SODIUM SALT * COLLOWEL * COPAGEL PB 25 * COURLOSE A 590 * COURLOSE A 610 * COURLOSE A 650 * COURLOSE F 4 * COURLOSE F 8 * COURLOSE F 20 * COURLOSE F 370 * COURLOSE F 1000G * DAICEL 1150 * DAICEL 1180 * EDIFAS B * ETHOCEL * ETHOXOSE * FINE GUM HES * GLYCOCEL TA * 7H3SF * KMT$_5$ 212 * KMT$_5$ 300 * KMT$_5$ 500 * KMT$_5$ 600 * LOVOSA * LOVOSA 20alk * LOVOSA TN * LUCEL * LUCEL (POLYSACCHARIDE) * MAJOL PLR * MODOCOLL 1200 * MeCM-CELLULOSE SALT * NYMCEL S * NYMCEL SLC-T * NYMCEL ZSB 10 * NYMCEL ZSB 16 * POLYFIBRON 120 * SANLOSE SN 20A * SARCELL TEL * S. 75M * SODIUM CARBOXMETHYLCELLULOSE * SODIUM CARBOXYL METHYL CELLULOSE * SODIUM CARBOXYMETHYL CELLULOSE * SODIUM CELLULOSE GLYCOLATE * SODIUM CMC * SODIUM CM-CELLULOSE * SODIUM GLYCOLATE CELLULOSE * SODIUM SALT of CARBOXYMETHYLCELLULOSE * TYLOSE 666 * TYLOSE C 30 * TYLOSE C 300 * TYLOSE C 600 * TYLOSE CB 200 * TYLOSE CBR 400 * TYLOSE CBS 30 * TYLOSE CBS 70 * TYLOSE C 1000P * TYLOSE CR 50 * TYLOSE DKL * UNISOL RH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-rat TDLo:140 mg/kg (14D male) OYYAA2 14,623,77

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:1900 mg/kg/19W-I 13BYAH -,83,62
2V02V10 scu-rat TD :8600 mg/kg/19W-I 13BYAH -,83,62
2V02V10 scu-rat TD :33 gm/kg/22W-I PAACA3 18,225,77

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:27000 mg/kg FOREAE 13,29,48
* orl-gpg LD50:16000 mg/kg FOREAE 13,29,48

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CELLULOSE GLYCOLIC ACID, SODIUM SALT see: FJ5950000
CELLULOSE METHYL see: FJ5959000
CELLULOSE METHYLATE see: FJ5959000

FJ5959000 CELLULOSE, METHYL ETHER (1/2%)
UPDT:8411 CAS: 9004-67-5
SYN: ADULSIN * BAGOLAX * BUFAPTO METHALOSE * BULKALOID * CELACOL M * CELACOL M20 * CELACOL M450 * CELACOL MM * CELACOL MM 10P * CELACOL M 20P * CELLAPRET * CELLOGRAN * CELLOTHYL * CELLULOSE METHYL * CELLULOSE METHYLATE * CELLUMETH * CETHYLOSE * CETHYTIN * CULMINAL K 42 * EDISOL M * HYDROLOSE * MAPOLOSE M25 * MAPOLOSE 60SH50 * MCO 8000 * MC 4000 cP * MC 20000S * MELLOSE * METHOCEL 10 * METHOCEL 15 * METHOCEL 181 * METHOCEL 400 * METHOCEL 4000 * METHOCEL A * METHOCEL CHG * METHOCEL 400CPS * METHOCEL 4000CPS * METHOCEL MC * METHOCEL MC 25 * METHOCEL MC4000 * METHOCEL MC 8000 * METHOCEL SM 100 * METHULOSE * METHYLCELLULOSE * METHYLCELLULOSE (1 2%) * METHYL CELLULOSE-A * METHYL CELLULOSE ETHER * METOLOSE MC 8000 * METOLOSE 60SH * METOLOSE 60SH400 * METOLOSE SM 15 * METOLOSE SM 100 * METOLOSE SM 4000 * MMT$_5$-BTR * MT$_5$ * NAPOLONE * NICEL * RHOMELLOSE * SYNCELOSE * TYLOSE 444 * TYLOSE A4S * TYLOSE M5 * TYLOSE MH * TYLOSE MH20 * TYLOSE MH50 * TYLOSE MH300 * TYLOSE MH1000 * TYLOSE MH2000 * TYLOSE MH4000 * TYLOSE MH300P * TYLOSE SAP * TYLOSE SL * TYLOSE SL 100 * TYLOSE SL 400 * TYLOSE SL 600 * TYLOSE TWA * USP METHYLCELLULOSE * VISCOL * VISCONTRAN L52 * VISCOSOL * WALSRODER MC 20000S

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:275 gm/kg NTIS** AD628-313
* ivn-mus LDLo:1 gm/kg JAPMA8 45,685,56

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CELLULOSE NITRATE see: QW0970000
CELLULOSE, NITRATE (9CI) see: QW0970000
CELLULOSE SODIUM GLYCOLATE see: FJ5950000
CELLULOSE TETRANITRATE see: QW0970000
CELLUMETH see: FJ5959000
CELLUPHOS 4 see: TC7700000
CELLU-QUIN see: VC5250000
CELMER see: OV6475000
CELMER see: OW0875000
CELMIDE see: KH9275000
CELMIDOL see: TM4970500
CELMONE see: QJ0875000
CELOCURIN see: GA5250000
CELOCURINE see: GA5250000
CELON A see: AH4025000
CELON ATN see: AH4025000
CELON E see: AH5075000
CELON H see: AH5075000
CELON IS see: AH5075000
CELONTIN see: WN2625000
CELOSEN AZ see: LQ1040000

FJ7370000 CELOSIA ARGENTEA Linn., extract
DEF: Indian plant belonging to the family AMARANTHACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: SAFAIDMURGHA EXTRACT

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:100 mg/kg IJEBA6 7,250,69

CELOSPOR see: XI0370000
CELPHIDE see: BD1400000
CELPHINE see: BD1400000
CELPHOS see: SY7525000

BEST COPY AVAILABLE

CELPHOS see: BD1400000
CELPHOS (Indian) see: BD1400000

FJ7530000 CELSIA COROMANDELIANA Vahl, extract
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: GADARTAMBAKU EXTRACT
TOXICITY DATA AND REFERENCES:
2U26V30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

CELTHION see: WM8400000

FJ7540000 CELTIS CINNAMOMEA Lindl., extract excluding roots
DEF:Indian plant belonging to the family ULMACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: TELAKARAND EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 11,43,73

CELUTATF YELLOW GH see: AC3662000
CEMAGYL see: CI7650000
CEMEDINE 196 see: AK0920000
CEMENT, adhesive (DOT) see: FJ8010000

FJ8010000 CEMENT (liquid)
UPDT:8312
SYN: CEMENT, adhesive (DOT) * NA 1133 (DOT) * UN 1133 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

FJ8020000 CEMENT (pyroxylin)
UPDT:8312
SYN: CEMENT, PYROXYLIN (DOT) * NA 1133 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

FJ8030000 CEMENT (roofing liquid)
UPDT:8312
SYN: CEMENT, ROOFING, LIQUID (DOT) * NA 1133 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

FJ8040000 CEMENT (rubber)
UPDT:8312
SYN: CEMENT, RUBBER (DOT) * NA 1133 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

CEMENT BLACK see: OP0350000
CEMENT, PYROXYLIN (DOT) see: FJ8020000
CEMENT, ROOFING, LIQUID (DOT) see: FJ8030000
CEMENT, RUBBER (DOT) see: FJ8040000
CEMIDON see: NS1750000
CE-MI-LIN see: CI7650000
CEMULSOL 1050 see: MD0880000
CEMULSOL A see: MD0880000
CEMULSOL C 105 see: MD0880000
CEMULSOL D-B see: MD0880000
CENALENE-M see: XF8225000
CENAZOL see: XF8225000
CENETONE see: CI7650000
CENOLATE see: CI7650000
CENOLATE see: CI7671000
CENOL GARDEN DUST see: DJ2800000
CENOMYCIN see: XI0330500
CENSTIM see: HO1575000
CENSTIN see: HO1575000

FJ8420000 CENTAUREA PHYLLOCEPHALA Beiss., extract
UPDT:8409
TOXICITY DATA AND REFERENCES:
1F07 scu-mus LD50:1510 mg/kg JOETD7 9,299,83

CENTBUCRIDINE HYDROCHLORIDE see: AR9534020
CENTCHROMAN see: UY1329280
CENTCHROMAN HYDROCHLORIDE see: GA8730000
CENTEDEIN see: TM3675000
CENTEDRIN see: TM3850000
CENTELASE see: YU9625000
CENTIMIDE see: BQ7875000

FJ8900000 CENTIPEDA MINIMA (L.) A. Br. & Aschers., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 7,250,69)
UPDT:8408
SYN: CENTIPEDA ORBICULARIS Lour. extract * NAK-CHIKANI extract * NAKHCHIKNI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

FJ8910000 CENTIPEDA MINIMA Linn. A. Br. et Aschers, leaf extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

CENTIPEDA ORBICULARIS Lour., extract see: FJ8900000 CENTIPEDA MINIMA (L.) A. Br. &Aschers., extract

CENTRALGIN see: NS5950000
CENTRALGOL see: CP8575000
CENTRALGYL see: CP8575000
CENTRALINE BLUE 3B see: QJ6475000
CENTRAMIN see: RQ2975000
CENTRAMINA see: SI1750000

FJ9030000 CENTRATHERUM ANTHELMINTICUM, (Willd.) Kuntze, seed extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 7,250,69)
UPDT:8302
SYN: SOMRAJ SEED EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 7,250,69

CENTRAZOLE see: XF8225000
CENTREDIN see: TM3675000
CENTRINE see: YV4400000
CENTROFENOXINA see: AG0430000
CENTROPAZINE see: UC2984000
CENTROPHENOXIN see: AG0430000
CENTROPHENOXINE see: AG0430000
CENTROPHENOXINE see: AG0440000
CENTROPHENOXINE HYDROCHLORIDE see: AG0440000
CENTROTON see: YV9100000
CENTRUROIDES LIMPIDUS TECOMANUS VENOM see: YX4183550
CENTRUROIDES SANTA MARIA VENOM see: YX4183560
CENTRUROIDES SCULPTURATUS VENOM see: YX4183570
CENTRUROIDES SUFFUSUS SUFFUSUS VENOM see: YX4183580
CENTURINA see: XH8450000
CENTURY 1240 see: WI2800000
CENTURY CD FATTY ACID see: RG2275000
CENTYL see: DK8225000
CENWAX ME see: WI4200000
CEOSUNIN see: EV5700000
CEP see: SZ7100000
2-CEPA see: SZ7100000
CEPACILINA see: XH9425000
CEPACILLINA see: XH9425000
CEPACOL see: UU5075000
CEPACOL CHLORIDE see: UU4900000
CEPALORIDIN see: UU3675000
CEPALORIN see: UU3675000
CEPH 87/4 see: UU3675000
CEPHA see: SZ7100000
CEPHACETRILE SODIUM see: XI0370000
CEPHAELINE METHYL ETHER see: DK1750000
CEPHALEXIN see: XI0350000
CEPHALOGLYCIN see: XI0345000
CEPHALOGLYCINE see: XI0345000
D-CEPHALOGLYCINE see: XI0345000
CEPHALON see: YS9100000
CEPHALORIDIN see: UU3675000
CEPHALORIDINE see: UU3675000
CEPHALOTHIN see: XI0388000
CEPHALOTHIN SODIUM see: XI0383000
CEPHALOTHIN SODIUM see: XI0382000
CEPHALOTIN see: XI0388000
CEPHA 10LS see: SZ7100000
CEPHAOGLYCIN ACID see: XI0345000
CEPHAPIRIN SODIUM see: XI0382000
CEPHATREXIL see: XI0382000
CEPHATREXYL see: XI0382000
CEPHATRIAZINE see: XI0340000
CEPHEDRINE see: UG2950000
CEPHRADIN see: XI0336000
CEPHRADINE see: XI0336000
CEPHUROXIME see: XI0329000
CEPHROL see: RH3400000
CEPORAN see: UU3675000
CEPOREX see: XI0350000
CEPOREXIN see: XI0350000
CEPOREXINE see: XI0350000
CEPORIN see: UU3675000
CEPORINE see: UU3675000
CEPOVENIN see: XI0383000
CEPRIM see: UU4900000
CEQUARTYL see: BO3150000
CEQUARTYL see: BO3325000
CER see: UU3675000
CERAMIC FIBRE see: BD1450000
CERAPHYL 368 see: RT4740000
CERARUBBER EXTRACT (Indian) see: OP1941000
CERASINE YELLOW GG see: BX7350000
CERASIN RED see: QK4250000
CERASINRO1 see: QK4250000
CERASTES CERASTES VENOM see: YX4290000
CERASYNT see: WI4025000
CERASYNT 1000-D see: RG1925000
CERASYNT PA see: WI4550000
CERASYNT PN see: WI4550000
CERASYNT SD see: RG1925000
CERASYNT S see: RG1925000
CERASYNT SE see: RG1925000
CERASYNT SPECIAL see: WI4025000
CERASYNT WM see: RG1925000
CERAZOL (suspension) see: WP2360000
CERBERIGENIN see: FH4975000
CERBEROSIDE see: FH5088000
CERBROSIDE see: FH5088000
CERCINE see: DF1575000
CERCOBIN see: BA3650000
CERCOBIN M see: BA3675000
CERCOBIN METHYL see: BA3675000
CEREB see: GA4027000
CEREBON see: AG0430000
CEREBRO-NICIN see: XF8225000
CERECHLOR 54 see: RV0450000
CERECLOP see: RV0450000
CERECLOR 30 see: RV0450000
CERECLOR 42 see: RV0450000
CERECLOR 48 see: RV0450000
CERECLOR 52 see: RV0450000
CERECLOR 54 see: RV0450000
CERECLOR 70 see: RV0450000
CERECLOR 51L see: RV0450000
CERECLOR 63L see: RV0450000
CERECLOR 65L see: RV0450000
CERECLOR 70L see: RV0450000
CERECLOR S 42 see: RV0450000
CERECLOR S52 see: RV0450000
CERECLOR S70 see: RV0450000
CERECLOR SOLV see: RV0450000
CEREDON see: DH6125000
CEREGULART see: DF1575000
CERELINE see: DH6125000
CERELOSE see: LZ6600000
CERENOX see: DH6125000
CEREON see: CI7650000
CEREPAP see: AY5600000
CEREPAX see: DF1225000
CERESAN see: OV9800000
CERESAN see: OV6475000
CERESAN LIQUID0 see: OX0700000
CERESAN M see: OW3850000
CERESAN M-DB see: OW3850000

BEST COPY AVAILABLE

CERESAN M-2X see: OW3850000
CERESAN UNIVERSAL see: OV6475000
CERESAN UNIVERSAL-FEUCHTBEIZE see: OX0700000
CERESAN-UNIVERSAL NASSBEIZE see: OW0875000
CERESAN UNIVERSAL NAZBEIZE see: OW0875000
CERES ORANGE R see: QL4900000
CERES ORANGES RR see: QL5850000
CERESPAN see: NW8575000
CERES RED 7B see: QM2850000
CERES RED RB see: QL5775000
CERES YELLOW GGN see: CX9871000
CERES YELLOW R see: BY8225000
CEREWET see: OX0700000
CERGONA see: CI7650000

FK4566000 CERIOPS ROXBURGHIANA Arn., extract excluding roots
DEF:Indian plant belonging to the family RHIZOPHORACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
3H30M10Y55 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

FK4567000 CERIOPS TAGAL (Perr.) C.B. Robins, stem bark extract
DEF:Indian plant belonging to the family RHIZOPHORACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: GARAN STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
1N22 ipr-mus LD50:375 mg/kg IJEBA6 9,91,71

CERISE B see: CX9855000
CERISE TONER X1127 see: BP3675000
CERISOL SCARLET G see: QL5850000
CERISOL YELLOW AB see: QM4725000
CERISOL YELLOW TB see: QM5400000

FK4850000 CERIUM
UPDT:8401 CAS: 7440-45-1 MW: 140.12 MOLFM: Ce
SYN: CERIUM, CRUDE, powder (DOT) * CERIUM, CRUDE, slabs or ingots (DOT) * UN 1333 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102.83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FK5075000 CERIUM CHLORIDE
UPDT:8408 CAS: 7790-86-5 MW: 246.47 MOLFM: Ce-Cl3
SYN: CERIUM(III) CHLORIDE * CERIUM TRICHLORIDE * CEROUS CHLORIDE
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2111 mg/kg	EQSSDX 1,1,75
	scu-rat LDLo:4000 mg/kg	AEXPBL 100,230,23
1L01	ivn-rat LD50:5096 ug/kg	APYPAY 32,205,81
	orl-mus LD50:5277 mg/kg	EQSSDX 1,1,75
	ipr-mus LD50:98 mg/kg	COREAF 256,1043,63
	scu-mus LDLo:4000 mg/kg	AEPPAE 188,465,38
	ivn-dog LDLo:60 mg/kg	HBAMAK 4,1289,35
	ivn-rbt LD50:35 mg/kg	COREAF 256,1043,63
2F07F15	ipr-gpg LD50:56 mg/kg	AMIHAB 15,9,57
	scu-gpg LDLo:2 gm/kg	AEXPBL 72,228,13
	scu-frg LDLo:300 mg/kg	AEXPBL 100,230,23

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 54,663,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CERIUM(III) CHLORIDE see: FK5075000

FK5100000 CERIUM CHLORIDE, HEPTAHYDRATE
UPDT:8411 MW: 372.61 MOLFM: Ce-Cl3-7H2-O
TOXICITY DATA AND REFERENCES:
2F12K12 orl-mus LD50:1959 mg/kg SHGKA3 80,1303,80

FK5425000 CERIUM CITRATE
UPDT:8408 CAS: 512-24-3 MW: 332.26 MOLFM: C6-H8-O7-Ce
SYN: CERIUM(III) CITRATE * CEROUS CITRATE * 1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, CERIUM(3+) SALT (1:1) (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T81T85 scu-mus TDLo:190 mg/kg (12D preg) JTEHD6 10,449,82
TOXICITY DATA AND REFERENCES:
3F07J17L01 ipr-mus LD50:149 mg/kg AEHLAU 5,437,62
3F07J17L01 ipr-gpg LD50:83 mg/kg AEHLAU 5,437,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CERIUM(III) CITRATE see: FK5425000
CERIUM, CRUDE, powder (DOT) see: FK4850000
CERIUM, CRUDE, slabs or ingots (DOT) see: FK4850000

FK6125000 CERIUM FLUORIDE
UPDT:8108 CAS: 7758-88-5 MW: 197.12 MOLFM: Ce-F3
SYN: CERIUM FLUORURE (French) * CERIUM TRIFLUORIDE * CEROUS FLUORIDE
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CERIUM FLUORURE (French) see: FK6125000
CERIUM TRICHLORIDE see: FK5075000
CERIUM TRICHLORIDE complex with TRISODIUM CITRATE (1:3) see: GE8310000
CERIUM TRIFLUORIDE see: FK6125000
CERM-1766 see: QE5270000 MORPHOLINE, 4-ISOPROPYL-2-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-, HYDROCHLORIDE
CERM-1766 see: QE6150000
CERM 1978 see: UY1162000 1-PYRROLIDINEETHANAMINE, beta-((2-METHYLPROPOXY)METHYL)-N-PHENYL-N(PHENYLMETHYL)-, MONOHYDROCHLORIDE, MONOHYDRATE
3024 CERM see: TL9310000

FK6750400 CEROPEGIA MACRANTHA Wight, extract excluding roots
DEF:Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: MAN-LATA EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:147 mg/kg IJEBA6 12,512,74

FK6750700 CEROPTERIS CALOMELANOS Underw., extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

CEROTINE PONCEAU 3B see: QL5775000
CEROTINORANGE G see: QL4900000
CEROTINSCHARLACH G see: QL5850000
CEROTINSCHARLACH R see: QK4250000
CEROUS CHLORIDE see: FK5075000
CEROUS CITRATE see: FK5425000
CEROUS FLUORIDE see: FK6125000
CEROXONE see: UU2592000
CERTICOL AMARANTH S see: QJ6550000
CERTICOL BLACK PNW see: QJ5950000
CERTICOL BROWN N EXTRA see: QK1575000
CERTICOL BROWN RS see: QK1575000
CERTICOL CARMOISINE S see: QK1925000
CERTICOL ORANGE GS see: QJ6500000
CERTICOL PONCEAU MXS see: QJ6825000
CERTICOL PONCEAU 4RS see: QJ6530000
CERTICOL PONCEAU SXS see: QK2705000
CERTICOL SUNSET YELLOW CFS see: QK2450000
CERTICOL TARTRAZOL YELLOW S see: UQ6400000
CERTIMAL see: SJ5075000
CERTIQUAL ALIZARINE see: CB6580000
CERTIQUAL EOSINE see: LM5850000
CERTIQUAL FLUORESCEINE see: LM5425000
CERTIQUAL OIL RED see: QK4250000
CERTIQUAL ORANGE I see: DB7085000
CERTIQUAL ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
CERTIQUAL RHODAMINE see: BP3675000
CERTOL see: DI4025000
CERTOLAKE SUNSET YELLOW see: QK2450000
CERTOX see: WI2275000
CERTROL see: DI4025000
CERUBIDIN see: HB7875000
CERUBIDINE see: HB7878000
CERULEN see: EV5700000
CERULENIN see: JR1670000
CERULETIDE DIETHYLAMINE see: EV5700000
CERULIGNOL see: SL8050000
CERUSSETE see: OF9275000
CERUTIL see: AG0440000
CERVICARCIN see: CB8935000
CERVICUNDIN see: RC8963000
CERVILAXIN see: VG0720000
CERVOLIDE see: JG7521400
CERVOXAN see: KK6300000
CES see: WT2975000
CES see: GL1224000
CESCORBAT see: CI7650000

FK9225000 CESIUM
UPDT:8404 CAS: 7440-46-2 MW: 132.91 MOLFM: Cs
SYN: CESIUM-133 * CESIUM, powdered (DOT) * CESIUM METAL (DOT) * UN 1383 (DOT) * UN 1407 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID, LABEL:SPONTANEOUSLY COMBUSTIBLE (powdered) CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CESIUM, powdered (DOT) see: FK9225000
CESIUM-133 see: FK9225000

FK9650000 CESIUM FLUORIDE
UPDT:8108 CAS: 13400-13-0 MW: 151.91 MOLFM: Cs-F
SYN: CESIUM MONOFLUORIDE * DICESIUM DIFLUORIDE * TRICESIUM TRIFLUORIDE
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CESIUM HYDRATE see: FK9800000

FK9800000 CESIUM HYDROXIDE
UPDT:8312 CAS: 21351-79-1 MW: 149.92 MOLFM: Cs-H-O
SYN: CESIUM HYDRATE * CESIUM HYDROXIDE DIMER * CESIUM HYDROXIDE, solid (DOT) * CESIUM HYDROXIDE, solution (DOT) * UN 2681 (DOT) * UN 2682 (DOT)
IRRITATION DATA AND REFERENCES:

	skn-rbt 5 mg/24H MLD	TXAPA9 32,239,75
	eye-rbt 5 mg/5M rns SEV	TXAPA9 32,239,75

TOXICITY DATA AND REFERENCES:

3F07F23J30	orl-rat LD50:570 mg/kg	GTPZAB 21(1),29,77
*	ipr-rat LD50:100 mg/kg	AIHOAX 1,637,50
	orl-mus LD50:800 mg/kg	20PKA3 -,-,67

REVIEW AND REFERENCES:
★ TLV-TWA 2 mg/m3 DTLVS* 4,77,80
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CESIUM HYDROXIDE, solid (DOT) see: FK9800000
CESIUM HYDROXIDE, solution (DOT) see: FK9800000
CESIUM HYDROXIDE DIMER see: FK9800000
CESIUM METAL (DOT) see: FK9225000
CESIUM MONOFLUORIDE see: FK9650000
CESIUM NITRATE see: FL0700000
CESIUM NITRATE (DOT) see: FL0700000

FL0700000 CESIUM(I) NITRATE (1:1)
UPDT:8403 CAS: 7789-18-6 MW: 194.92 MOLFM: N-O3-Cs
SYN: CESIUM NITRATE * CESIUM NITRATE (DOT) * NITRIC ACID, CESIUM SALT * UN 1451 (DOT)
MUTATION DATA AND REFERENCES:
mrc-bcs 5 mol/L MUREAV 77,109,80
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1200 mg/kg AIHOAX 1,637,50
STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CESOL see: UQ4150000

FL1030000 CESTRUM DIURNUM Linn., extract excluding roots
DEF:Indian plant belonging to the family SOLANACEAE (IJEBA6 7,250,69)
UPDT:8302

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:400 mg/kg IJEBA6 7,250,69

FL1040000 CESTRUM NOCTURNUM Linn., extract excluding roots
DEF:Indian plant belonging to the family SOLANACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFEPENCES:
2H30M10 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

CET see: XY5250000
CET see: XI0388000
CETAB see: BQ7875000
CETACORT see: GM8925000
CETADIOL see: BV8090000
CETADOL see: AE4200000
CETAFFINE see: MM0225000
CETAIN see: DG2275000
CETAL see: MM0225000
CETALDEHYDE METHYLFORMYLHYDRAZONE see: LQ8500000
CETALOL CA see: MM0225000
CETAMID see: CI7650000
CETAMIUM see: UU4900000
CETANE see: CI7650000
CETANE-CAPS TD see: CI7650000
CETAROL see: BQ7875000
CETAVLON see: BQ7875000
CETEMICAN see: CI7650000
CETHYLOSE see: FJ5959000
CETHYTIN see: FJ5959000
CETIL LIGHT ORANGE GG see: QJ6500000
CETIL LIGHT RED 0G see: QJ6030000
CETRIMIDE see: BQ7875000
CETRIMIDE BP see: BQ7875000
CETRIMONIUM BROMIDE see: BQ7875000
CENTROFENOXIN see: AG0440000
CETYL ALCOHOL see: MM0225000
CETYLAMIN (German) see: ML9100000
CETYLAMINE see: ML9100000
CETYLAMINE see: BQ7875000
CETYLAMINE-HF see: MM1120200
CETYLAMINE HYDROFLUORIDE see: MM1120200
CETYLAMINHYDROFLUORID (German) see: MM1120200
CETYLCIDE see: BQ5425000
CETYLDIMETHYLETHYLAMMONIUM BROMIDE see: BQ5425000
CETYLETHYLDIMETHYLAMMONIUM BROMIDE see: BQ5425000
CETYLIC ACID see: RT4550000
CETYLIC ALCOHOL see: MM0225000
CETYLOL see: MM0225000
CETYLPYRIDINIUM see: UU4845000
CETYLPYRIDINIUM CHLORIDE see: UU4900000
N-CETYLPYRIDINIUM CHLORIDE see: UU4900000
1-CETYLPYRIDINIUM CHLORIDE see: UU4900000
CETYLPYRIDINIUM CHLORIDE MONOHYDRATE see: UU5075000
CETYL SODIUM SULFATE see: MM0225700
CETYL SULFATE SODIUM SALT see: MM0225700
CETYLTRIMETHYLAMMONIUM BROMIDE see: BQ7875000
N-CETYLTRIMETHYLAMMONIUM BROMIDE see: BQ7875000
CETYLUREUM see: YU0875000
CEVADENE see: FL5600000
CEVADIC ACID see: GQ5430000
CEVADILLA see: YX5950000
CEVADIN see: FL5600000
CEVADINE see: FL5600000
CEVADINE see: YX5950000
CEVALIN see: CI7650000
CEVANE-3,4,7,14,15,16,20-HEPTOL, 4,9-EPOXY-, (3-beta,4-alpha,7-alpha,5-alpha,16-beta)- see: FL4725000
CEVANE-3,4,12,14,16,17,20-HEPTOL, 4,9-EPOXY-, (3-alpha,4-alpha,16-beta)- (9CI) see: FL4550000

FL4550000 CEVANE-3-alpha,4-beta,12,14,16-beta,17,20-HEPTOL, 4,9-EPOXY-
UPDT:8306 CAS: 124-98-1 MW: 509.71 MOLFM: C27-H43-N-O8
SYN: CEVANE-3,4,12,14,16,17,20-HEPTOL, 4,9-EPOXY-, (3-alpha,4-alpha,16-beta)- (9CI) * CEVIN * CEVINE * SABADININE

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:67 mg/kg JPETAB 82,167,44
ivn-mus LD50:87 mg/kg JPETAB 82,167,44

FL4725000 CEVANE-3-beta,4-beta,7-alpha,14,15-alpha,16-beta,20-HEPTOL, 4,9-EPOXY-
UPDT:8306 CAS: 508-65-6 MW: 509.71 MOLFM: C27-H43-N-O8
SYN: CEVANE-3,4,7,14,15,16,20-HEPTOL, 4,9-EPOXY-, (3-beta,4-alpha,7-alpha,5-alpha,16-beta)- * GERMINE * GERMINE

TOXICITY DATA AND REFERENCES:
scu-rat LDLo:2000 mg/kg AEPPAE 189,397,38
ivn-mus LD50:139 mg/kg JPETAB 82,167,44
scu-frg LDLo:250 mg/kg AEPPAE 189,397,38

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LYPHAD 26(1),5,75

CEVANE-3-beta,4-alpha,12,14,16-beta,17,20-HEPTOL, 4,9-EPOXY-3-(3,4-DIMETHOXYBENZOATE) see: YX5600000

FL4925000 CEVANE-3-alpha,4-beta,12,14,16-beta,17,20-HEPTOL, 4,9-EPOXY-, HYDRATE (2:7)
UPDT:8405 MW: 572.69 MOLFM: C27-H43-N-O8 . 7 /2H2-O
SYN: CEVINE HEMIHEPTAHYDRATE * 4,9-EPOXYCEVANE-3-alpha,4-beta,12,14,16-beta,17,20-HEPTOL HEMIHEPTAHYDRATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:87 mg/kg MEIEDD 10,282,83

FL5600000 CEVANE-3-beta,4-beta,12,14,16-beta,17,20-HEPTOL, 4,9-EPOXY-, 3-((z)-2-METHYLCROTONATE), (Z)-
UPDT:8403 CAS: 62-59-9 MW: 591.82 MOLFM: C32-H49-N-O9
SYN: CEVADENE * CEVADIN * CEVADINE * (Z)-4-alpha,9-EPOXYCEVANE-3-beta,4,12,14,16-beta,17,20-HEPTOL 3-(2-METHYL-2-BUTENOATE) * VERATRINE * VERATRINE (CRYSTALLIZED)

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:3500 ug/kg PSEBAA 76,847,51
ivn-mus LD50:1 mg/kg PHREA7 26,383,46
* scu-rbt LDLo:500 ug/kg CRTXB2 5(3),189,77
scu-gpg LDLo:1 mg/kg PHREA7 26,383,46

FL5700000 CEVANE-3-beta,4-beta,6-alpha,7-alpha,14,15-alpha,16-beta,20-OCTOL, 4,9-EPOXY-
UPDT:8306 CAS: 76-45-9 MW: 525.71 MOLFM: C27-H43-N-O9
SYN: PROTERVERINE * PROTOVERINE

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:194 mg/kg JPETAB 82,167,44

FL5750000 CEVANE-3-beta,4-beta,6-alpha,7-alpha,14,15-alpha-16-beta,20-OCTOL, 4,9-EPOXY-, 6,7-DIACETATE 3-(three-(+)-2,3-DIHYDROXY-2-METHYLBUTYRATE) 15-((-)-2-METHYLBUTYRATE)
UPDT:8311 CAS: 124-97-0 MW: 650.05 MOLFM: C41-H63-N-O5
SYN: NEOPROTOVERATRIN * NEOPROTOVERATRINE * PROTOVERATRINE B * VERATRIN * VERATRINE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:65 ug/kg APFRAD 14,783,56
* scu-rbt LD50:170 ug/kg APFRAD 14,783,56

FL5750100 CEVANE-3-beta,4-beta,6-alpha,7-alpha,14,15-alpha-16-beta,20-OCTOL, 4,9-EPOXY-, 6,7-DIACETATE 3-((+)-2-HYDROXY-2-METHYLBUTYRATE) 15-((-)-2-METHYLBUTYRATE)
UPDT:8401 CAS: 143-57-7 MW: 794.05 MOLFM: C41-H63-N-O14
SYN: PROTALBA * PROTOVERATRIN * PROTOVERATRINE * PROTOVERATRINE A * PUROVERINE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5 mg/kg AEPPAE 189,397,38
scu-rat LD50:600 ug/kg AEPPAE 189,397,38
ipr-mus LD50:370 ug/kg PSEBAA 76,847,51
scu-mus LDLo:5 ug/kg AEXPBL 29,440,1892
* ivn-mus LD50:45 ug/kg APFRAD 14,783,56
scu-dog LDLo:500 ug/kg AEXPBL 29,440,1892
scu-cat LDLo:500 ug/kg AEXPBL 29,440,1892
* scu-rbt LD50:250 ug/kg APFRAD 14,783,56
ivn-rbt LDLo:50 ug/kg AEXPBL 29,440,1892
scu-frg LD50:4500 ug/kg AEPPAE 189,397,38

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LYPHAD 26(1),5,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CEVANOL see: DD2800000
CEVATINE see: CI7650000
CEVEX see: CI7650000
CEVIAN 380 see: AK0920000
CEVIAN A 678 see: AK0920000
CEVIAN ML see: AT6978000
CEVIAN N see: AT6978000
CEVIAN NF see: AT6978000
CEVIAN V see: AT6970000
CEVIAN V 120 see: AT6970000
CEVIAN V 200 see: AT6970000
CEVIAN V 610 see: AT6970000
CEVIMIN see: CI7650000
CEVIN see: FL4550000
CEVINE see: FL4550000
CEVINE HEMIHEPTAHYDRATE see: FL4925000
CE-VI-SOL see: CI7650000
CEVITAL see: CI7650000
CEVITAMIC ACID see: CI7650000
CEVITAMIN see: CI7650000
CEVITAN see: CI7650000
CEVITEX see: CI7650000
CEWIN see: CI7650000
CEX see: XI0350000
CEXTROMALTOSE see: OO5250000
CEYLON see: AW7950000
CEYLON CINNAMON see: FL6340000

FL6340000 CEYLON CINNAMON OIL
DEF:Crude form of spice from the bark of CINNAMOMUM ZEYLANICUM of the family LAURACEAE(FCTOD7 20,527,82)
UPDT:8305
SYN: CEYLON CINNAMON * CEYLON-ZIMT OEL (German)

MUTATION DATA AND REFERENCES:
dnr-bcs 50 mg/disc FCTOD7 20,527,82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4160 mg/kg PHARAT 14,435,59

CEYLON ISINGLASS see: AW7950000
CEYLON-ZIMT OEL (German) see: FL6340000
CEZ SODIUM see: XI0390000
CF see: WB2650000
CF 8 see: FF5250100
C 31F see: BD0940000
C-31-F see: BD0940000
CF 125 see: LL6070000
CFC see: DO5950000
CF 8 (CARBON) see: FF5250100
CF 1472 PHOSPHATE see: XF0400000
C.F.S. see: XG6800000
CFV see: TB8750000
CG see: SY5600000
CG1 see: NJ2441000
CG 117 see: AY6910000
CG 201 see: TN5950070
CG 315 see: GV8925000
CG 601 see: TI5609700
CG 603 see: TI5609710
CG-1283 see: PC8225000
CG 3033 see: DE4610000
CGA 10832 see: XU5785000
CGA-12223 see: TE7750000
CGA 15324 see: TE6975000
CGA-18731 see: YT0170000
CGA-18762 see: UG1480000
CGA-24705 see: AN3430000
CGA 26351 see: TB8750000
CGA 38140 see: AY6320000
CGA-41065 see: DA4391600
CGA-43089 see: CY1697000
CGA 48988 see: AY6910000
CGA-64250 see: XZ4620000
CGD 92710F see: XZ4620000
C 9333 GO see: NX9106000
CGP 2175 see: UB7875400
CGP 4540 see: NX9106000
CGP 9000 see: XI0335000
CGP 10944 see: TU5010120
CGP 10945 see: TU5010110
CGP 7760B see: SL5090000
CGT see: XY7355000
CH see: VT3500000
CH-4 see: FL7002000

BEST COPY AVAILABLE

CH-6 see: FL7003000
CH-8 see: FL7030000
CH 800 see: XJ1890000
CH 3565 see: KO1100000
CH 13-437 see: UF6125000
CHA see: GX0700000

FL6698000 CHACKRANINE
UPDT:8308 MW: 353.45 MOLFM: C21-H23-N-O4

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg 85GDA2 8(1),228,82
* ivn-mus LD50:2200 ug/kg 85GDA2 8(1),228,82

CHACSIN see: RR1536000

FL6715000 CHAEROPHYLLUM VILLOSUM Wall., extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:350 mg/kg IJEBA6 16,228,78

FL6716000 CHAEROPHYLLUM VILLOSUM Wall., root extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

CHAGULPUTPUTI EXTRACT (Indian) see: LE5935800
CHAKULIA EXTRACT (Indian) see: YR5775570
CHAKUNDA SEED EXTRACT (Indian) see: FI4073000
CHALCEDONY see: VV7330000

FL7001000 CHALCONE, 4-CHLORO-4'-(2-(DIETHYLAMINO)ETHOXY)-alpha-PHENYL-
UPDT:8403 CAS: 15272-68-1 MW: 434.01 MOLFM: C27-H28-Cl-N-O2
SYN: ACRYLOPHENONE, 3-(p-CHLOROPHENYL)-4'-(2-(DIETHYLAMINO)ETHOXY)-2-PHENYL- * 4-CHLORO-4'-(2-(DIETHYLAMINO)ETHOXY)-alpha-PHENYLCHALCONE * 3-p-CHLOROPHENYL-4'-beta-DIETHYLAMINOETHOXY-2-PHENYLACRYLOPHENONE * 3-(p-CHLOROPHENYL)-4'-(2-(DIETHYLAMINO)ETHOXY)-2-PHENYLACRYLOPHENONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:10 mg/kg (1-5D preg) IJEBA6 5,169,67
1T24 unk-rat TDLo:10 mg/kg (1-5D preg) IJPAAO 31,49,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7002000 CHALCONE, 2'-CHLORO-4,4'-DIFLUORO-
UPDT:8403 MW: 278.69 MOLFM: C15-H9-Cl-F2-O
SYN: CH-4 * 2'-CHLORO-4,4'-DIFLUOROCHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-mus TDLo:40 mg/kg (1D pre) JRPFA4 38,243,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7002500 CHALCONE, 5'-CHLORO-3,4-DIMETHOXY-2'-(2-MORPHOLINOETHOXY)-, HYDROCHLORIDE
UPDT:8412 CAS: 28328-69-0 MW: 468.41 MOLFM: C23-H26-Cl-N-O5 . Cl-H

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2500 mg/kg CHTPBA 5,431,70
* ivn-mus LD50:140 mg/kg CHTPBA 5,431,70

FL7003000 CHALCONE, 2'-CHLORO-4'-FLUORO-3,4-METHYLENEDIOXY-
UPDT:8403 MW: 304.71 MOLFM: C16-H10-Cl-F-O3
SYN: 2'-CHLORO-4'-FLUORO-3,4-METHYLENEDIOXYCHALCONE * CH-6 * 2'-CHLORO-3,4-METHYLENEDIOXY-4'-FLUOROCHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 unk-mus TDLo:100 mg/kg (5D male) JRPFA4 38,243,74
1T13 unk-mus TDLo:4 mg/kg (1D pre) JRPFA4 38,243,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7003500 CHALCONE, 5'-CHLORO-2-METHOXY-2'-(2-MORPHOLINOETHOXY)-, SULFATE (1:1)
UPDT:8411 CAS: 28512-87-0 MW: 500.00 MOLFM: C22-H24-Cl-N-O4 . H2-O4-S

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2500 mg/kg CHTPBA 5,431,70
* ivn-mus LD50:50 mg/kg CHTPBA 5,431,70

FL7004000 CHALCONE, 2-CHLORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8403 CAS: 24845-21-4 MW: 431.99 MOLFM: C27-H26-Cl-N-O2
SYN: ACRYLOPHENONE, 3-(o-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- * 2-CHLORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 unk-rat TDLo:25 mg/kg (1-5D preg) IJPAAO 31,49,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7005000 CHALCONE, 3'-CHLORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8403 CAS: 24845-22-5 MW: 431.99 MOLFM: C27-H26-Cl-N-O2
SYN: ACRYLOPHENONE, 3'-CHLORO-2,3-DIPHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- * 3'-CHLORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 unk-rat TDLo:25 mg/kg (1-5D preg) IJPAAO 31,49,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7006000 CHALCONE, 4-CHLORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8403 CAS: 15272-64-7 MW: 431.99 MOLFM: C27-H26-Cl-N-O2
SYN: ACRYLOPHENONE, 3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- * 3-p-CHLOROPHENYL-2-PHENYL-4'-beta-PYRROLIDINOETHOXYACRYLOPHENONE * 3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)ACRYLOPHENONE * 4-CHLORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE * 2-PHENYL-3-(4-CHLOROPHENYL)-4'-(beta-PYRROLIDINOETHOXY)ACRYLOPHENONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:2500 ug/kg (1-5D preg) IJEBA6 5,169,67
1T24 unk-rat TDLo:5 mg/kg (1-5D preg) IJPAAO 31,49,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7007000 CHALCONE, 4-CHLORO-alpha-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-
UPDT:8403 CAS: 17599-75-6 MW: 431.99 MOLFM: C27-H26-Cl-N-O2
SYN: ACRYLOPHENONE, 3-(p-CHLOROPHENYL)-2-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)- * 3-p-CHLOROPHENYL-2-p-(beta-PYRROLIDINOETHOXY)PHENYLACRYLOPHENONE * 3-(p-CHLOROPHENYL)-2-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)ACRYLOPHENONE * 4-CHLORO-alpha-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)CHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:50 mg/kg (1-5D preg) IJEBA6 5,169,67
1T24 unk-rat TDLo:50 mg/kg (1-5D preg) IJPAAO 31,49,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7008000 CHALCONE, 3,4-DICHLORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8403 CAS: 15272-67-0 MW: 466.43 MOLFM: C27-H25-Cl2-N-O2
SYN: ACRYLOPHENONE, 3-(3,4-DICHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- * 3-(3,4-DICHLOROPHENYL)-2-PHENYL-4'-beta-PYRROLIDINOETHOXYACRYLOPHENONE * 3-(3,4-DICHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)ACRYLOPHENONE * 3,4-DICHLORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:10 mg/kg (1-5D preg) IJEBA6 5,169,67
1T24 unk-rat TDLo:10 mg/kg (1-5D preg) IJPAAO 31,49,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7025000 CHALCONE, 3,4-DIMETHOXY-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8403 CAS: 15272-66-9 MW: 457.61 MOLFM: C29-H31-N-O4
SYN: ACRYLOPHENONE, 3,4-DIMETHOXY-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- * 3,4-DIMETHOXY-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 unk-rat TDLo:10 mg/kg (1-5D preg) IJPAAO 31,49,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7026000 CHALCONE, 2-(2-DIMETHYLAMINOETHOXY)-, CITRATE
UPDT:8406 MW: 487.55 MOLFM: C19-H21-N-O2 . C6-H8-O7
SYN: 2-(2-DIMETHYLAMINOETHOXY)CHALCONE CITRATE

TOXICITY DATA AND REFERENCES:
3F11F12F19 orl-mus LD50:603 mg/kg JAPMA8 47,640,58
3F11F12F19 ipr-mus LD50:158 mg/kg JAPMA8 47,640,58
3F11F12F19 ivn-mus LD50:40800 ug/kg JAPMA8 47,640,58
3F11F12F19 ivn-dog LDLo:41 mg/kg JAPMA8 47,640,78

FL7030000 CHALCONE, 4'-FLUORO-2'-HYDROXY-3,4-METHYLENEDIOXY-
UPDT:8403 MW: 286.27 MOLFM: C16-H11-F-O4
SYN: CH-8 * 4'-FLUORO-2'-HYDROXY-3,4-METHYLENEDIOXYCHALCONE * 2'-HYDROXY-3,4-METHYLENEDIOXY-4'-FLUOROCHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-mus TDLo:40 mg/kg (1D pre) JRPFA4 38,243,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7035000 CHALCONE, 3-(p-FLUOROPHENYL)-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8403 CAS: 24845-27-0 MW: 415.54 MOLFM: C27-H26-F-N-O2
SYN: 3-(p-FLUOROPHENYL)-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 unk-rat TDLo:10 mg/kg (1-5D preg) IJPAAO 31,49,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7040000 CHALCONE, 2-FLUORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8407 CAS: 24845-25-8 MW: 415.54 MOLFM: C27-H26-F-N-O2
SYN: 2-FLUORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 unk-rat TDLo:50 mg/kg (1-5D preg) IJPAAO 31,49,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7060000 CHALCONE, 3-METHOXY-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8403 CAS: 15288-31-0 MW: 427.58 MOLFM: C28-H29-N-O3
SYN: ACRYLOPHENONE, 3-(m-METHOXYPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- * 3-m-METHOXYPHENYL-2-PHENYL-4'-beta-PYRROLIDINOETHOXYACRYLOPHENONE * 3-(m-METHOXYPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)ACRYLOPHENONE * 3-METHOXY-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:50 mg/kg (1-5D preg) IJEBA6 5,169,67
1T24 unk-rat TDLo:25 mg/kg (1-5D preg) IJPAAO 31,49,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHALCONE, beta-METHYL- see: AN0350000

FL7075000 CHALCONE, 3,4-(METHYLENEDIOXY)-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT:8403 CAS: 15272-65-8 MW: 441.56 MOLFM: C28-H27-N-O4
SYN: ACRYLOPHENONE, 3-(3,4-(METHYLENEDIOXY)PHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)- * 3-(5-BENZODIOXOLYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)ACRYLOPHENONE * 3-(3,4-METHYLENEDIOXYPHENYL)-2-PHENYL-4'-beta-PYRROLIDINOETHOXYACRYLOPHENONE * 3-(3,4-METHYLENEDIOXYPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)ACRYLOPHENONE * 3,4-(METHYLENEDIOXY)-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:2500 ug/kg (1-5D preg) IJEBA6 5,169,67
1T24 unk-rat TDLo:10 mg/kg (1-5D preg) IJPAAO 31,49,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FL7080000 CHALCONE, 2',4,4'-TRIHYDROXY-
UPDT:8303 CAS: 961-29-5 MW: 256.27 MOLFM: C15-H12-O4
SYN: ISOLIQUIRITIGENIN * 2-PROPEN-1-ONE, 1-(2,4-DIHYDROXYPHENYL)-3-(4-HYDROXYPHENYL)-, (E)- * 2',4,4'-TRIHYDROXYCHALCONE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate ENMUDM 3,401,81

FL7085000 CHALCONE, 2',3,4'-TRIHYDROXY-4,6'-DIMETHOXY-, 4'-(6-O-(6-DEOXY-alpha-L-MANNOPYRANOSYL)- beta-D-GLUCOPYRANOSIDE)
UPDT:8406 CAS: 24292-52-2 MW: 624.65 MOLFM: C29-H36-O15
SYN: HESPERIDIN METHYLCHALCONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T16 orl-mus TDLo:3 gm/kg (10D male/10D pre) SCIEAS 118,657,53

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(D-CHA(sup 6))-LHRH see: OK6452000
CHALK see: EV9580000
CHALOTHANE see: KH6550000
CHALOXYD MEKP-HA 1 see: EL9470000
CHALOXYD MEKP-LA 1 see: EL9470000
CHALTA LEAF EXTRACT (Indian) see: IN5440000
(D-CHA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6452000
CHAMAZULEN see: CO4780000
CHAMAZULENE see: CO4780000
CHAMBA EXTRACT (Indian) see: NY6475500
CHAMELEON MINERAL see: SD6475000
CHAMOMILE see: LK9276000
CHAMOMILE-GERMAN OIL see: FL7180000
CHAMOMILE OIL see: FL7180000

FL7180000 CHAMOMILE OIL (German)
UPDT:8305 CAS: 8002-66-2
SYN: CAMOMILE OIL GERMAN * CHAMOMILE GERMAN OIL * CHAMOMILE OIL * GERMAN CHAMOMILE OIL * HUNGARIAN CHAMOMILE OIL * OILS, CHAMOMILE,GERMAN

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,851,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FL7181000 CHAMOMILE OIL (Roman)
DEF:By the steam distillation of the dried flowers of ANTHEMIS NOBILIS L. (FCTXAV 12,807,74)
UPDT:8305

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,853,74

CHAMPA EXTRACT (Indian) see: TQ0420000
CHANA SEED EXTRACT (Indian) see: GC9152000
CHANDIA EXTRACT (Indian) see: OL9012000
CHANDNI LEAF EXTRACT (Indian) see: KF1242000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT SUPPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

CHANGALA see: GN1775000
CHANGROLIN see: SJ7810000
CHANNEL BLACK see: FF5800000
CHANNING'S SOLUTION see: OU9670000
CHARAS see: EX6300000
CHARCOAL see: FL7242500

FL7242500 CHARCOAL (activated)
UPDT:8312 CAS: 64365-11-3
SYN: CARBORAFFIN * CARBORAFINE * CHARCOAL, ACTIVATED * CHARCOAL, ACTIVATED (DOT) * KARBORAFIN * NUCHAR 722 * NUCHAR C 190N * UN 1362 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID — CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE — CFRGBR 49,172.102,83

FL7243500 CHARCOAL (briquettes)
UPDT:8308 CAS: 16291-96-6
SYN: CHARCOAL * CHARCOAL BRIQUETTES (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FL7244000 CHARCOAL (shell)
UPDT:8308
SYN: CHARCOAL, SHELL (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID — CFRGBR 49,172.101,82

FL7247000 CHARCOAL (wet)
UPDT:8308
SYN: CHARCOAL, WET (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

FL7248000 CHARCOAL (wood, ground, crushed, granulated or pulverized)
UPDT:8308
SYN: CHARCOAL, WOOD, GROUND, CRUSHED, GRANULATED, or PULVERIZED (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID — CFRGBR 49,172.101,82

CHARCOAL, ACTIVATED see: FL7242500
CHARCOAL, ACTIVATED (DOT) see: FL7242500
CHARCOAL BRIQUETTES (DOT) see: FL7243500

FL7286000 CHARCOAL SCREENINGS, MADE FROM 'PINON' WOOD (DOT)
UPDT:8308
STANDARDS & REGULATIONS: HAZARD
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID — CFRGBR 49,172.101,82

FL7286500 CHARCOAL SCREENINGS, WET (DOT)
UPDT:8308
STANDARDS & REGULATIONS: HAZARD
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

CHARCOAL, SHELL (DOT) see: FL7244000
CHARCOAL, WET (DOT) see: FL7247000
CHARCOAL, WOOD, GROUND, CRUSHED, GRANULATED, or PULVERIZED (DOT) see: FL7248000

FL7288000 CHARCOAL WOOD SCREENINGS, OTHER THAN 'PINON' WOOD SCREENINGS (DOT)
UPDT:8308
STANDARDS & REGULATIONS: HAZARD
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID — CFRGBR 49,172.101,82

CHARGER E see: MD0907600

FL7350000 CHARTREUSIN
UPDT:8403 CAS: 6377-18-0 MW: 640.64 MOLFM: C32-H32-O14
SYN: ANTIBIOTIC X-465A * LAMBDAMYCIN * NSC 5139 * U-7257
MUTATION DATA AND REFERENCES:
mmo-sat 200 ug/plate — ABCHA6 44,919,80
pic-esc 150 ng/plate — CNREA8 43,2819,83
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:300 mg/kg — CNCRA6 30,9,63
* scu-mus LD50:500 mg/kg — 85GDA2 6,335,81

FL7525000 CHARTREUSIN, SODIUM SALT
UPDT:8403 CAS: 1393-72-2 MW: 384.34 MOLFM: C18-H17-O8 .Na
SYN: ANTIBIOTIC X465A SODIUM SALT * X465A SODIUM SALT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg — 85ERAY 1,768,78
ivn-mus LD50:250 mg/kg — JACSAT 75,4011,53

CHA-SULFATE see: GX1800000
CHATRIWAL, extract (Indian) see: LE5939000 EUPHORBIA HELIOSCOPIA Linn., extract excludingroots
CHAVICOL METHYL ETHER see: BZ8225000
1,3-CHBP see: TX4113000
CHE 1843 see: KU8085000
CHE 8728 see: TA1900000
CHEELOX see: AH4025000
CHEE-O-GEN see: RC8925000
CHEE-O-GENF see: RC8925000
CHEELOX BF see: AH5075000
CHEELOX BF-12 see: AH5075000
CHEELOX BF-13 see: AH5075000
CHEELOX BF-78 see: AH5075000
CHEELOX BF ACID see: AH4025000
CHEELOX BR-33 see: AH5075000
CHEELOX NTA-14, -Na3 see: MB8400000

FL8300000 CHEILANTHES FARINOSA Kaulf., extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 11,43,73)
UPDT:8411
SYN: SILVERFERN EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg — IJEBA6 16,228,78
1U26 ipr-mus LD50:750 mg/kg — IJEBA6 11,43,73

CHEIROLIN see: NX8960000
CHEIROLINE see: NX8960000
CHEL 300 see: AJ0175000
CHEL 330 see: MB8205000
CHEL 330 see: MB8222500
CHEL 330 ACID see: MB8205000
CHELADRATE see: AH4375000
CHELAFRIN see: DO2625000
CHELAPLEX III see: AH4375000
CHELATON III see: AH4375000
CHEL DM ACID see: MB9185000
CHELEN see: KM7525000
CHELLIN see: LV1050000
CHELLINA (Italian) see: LV1050000
CHELON 100 see: AH5075000
CHEMAGRO 1,776 see: TG5425000
CHEMAGRO 2353 see: VN8400000
CHEMAGRO 4537 see: JO1620000
CHEMAGRO 4638 see: TF0470000
CHEMAGRO 4642 see: TF0475000
CHEMAGRO 4649 see: JO1970000
CHEMAGRO 4672 see: TF6250000
CHEMAGRO 4675 see: TG0425000
CHEMAGRO 4765 see: WS2285000
CHEMAGRO 5451 see: TA4250000
CHEMAGRO 9010 see: FC3150000
CHEMAGRO 25141 see: TF3850000
CHEMAGRO 37289 see: TB0700000
CHEMAGRO B-1776 see: TG5425000
CHEMAGRO B-1776 see: TG5600000
CHEMAGRO B-1843 see: KU8085000
CHEMAGRO B-9002 see: QK5775000
CHEMAGRO D-113 see: KV9490000
CHEMAGRO R-5461 see: TA4250000
CHEMAGRO R-5639 see: TA5700000
CHEMAID see: CM7700000
CHEMANOX 11 see: GO7875000
CHEMANOX 21 see: PA3500000
CHEMATHION see: WM8400000
CHEMAX NP SERIES see: MD0900000
CHEM BAM see: FA6825000
CHEMBUTAZONE see: UQ8225000
CHEMCARB see: FF9320000
CHEMCOCCIDE see: ME8650000
CHEMCOLOX 200 see: AH5075000
CHEMCOLOX 340 see: AH4025000
CHEMCOR see: TQ3325000
CHEMEEN T SERIES see: WW3150000
CHEMESTER 300-OC see: MD0880000
CHEMETRON FIRE SHIELD see: CC5650000
CHEM FISH see: DJ2800000
CHEMFORM see: WK4375000
CHEMFORM see: KJ3675000
CHEMFORM see: UR5950000
CHEMFORM see: XS3675000
CHEM-FROST see: FO0555000 CHLORIC ACID, SODIUM SALT, mixed with BORIC ACID SODIUM SALT
CHEM-HOE see: FD9100000
CHEMIAZID see: NS1750000
CHEMICAL 109 see: YT9275000
CHEMICAL MACE see: AM6300000
CHEMICETIN see: AB6825000
CHEMICETINA see: AB6825000
CHEMI-CHARL see: OY3675000
CHEMIDON see: NS1750000
CHEMIFLUOR see: WB0350000
CHEMIGUM see: AT6970000
CHEMIOCHIN see: AR7875000
CHEMIOFURAN see: MU2800000
CHEMITRIM see: UVd240000
CHEMLON see: TQ9800000
CHEM-MITE see: DJ2800000
CHEM NEB see: OP0700000
CHEMOCCIDE see: ME8650000
CHEMOCHIN see: VB2360000
CHEMOCIN see: GL7020000
CHEMOFURAN see: LT7700000
CHEMOSEPT see: WP2360000
CHEMOTHERAPY CENTER No. 606 see: CG9200000
CHEMOTHERAPY CENTER NO. 914 see: AI6500000
CHEMOTHERAPY CENTER NO. 1037 see: DH3400000
CHEMOUAG see: WO9100000
CHEMOX GENERAL see: SJ9800000
CHEMOX PE see: SL2800000
CHEMOX P.E. see: SJ9800000
CHEMPAR see: GL7020000
CHEM PELS C see: CG3675000
CHEM-PHENE see: XW5250000
CHEMPLEX 3006 see: TQ3325000
CHEMRAT see: NK6300000
CHEM RICE see: UE4900000
CHEMSECT DNOC see: GO9625000
CHEM-SEN 56 see: CG3675000

FM2995300 CHEMSHEAR
DEF:Contains DIMETHYLDODECYLAMINE CAPRYLATE (FMCHA2 -,C49,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5 gm/kg — FMCHA2 -,C49,83
* skn-rbt LD50:5 gm/kg — FMCHA2 -,C49,83

CHEM-TOL see: SM6300000
CHEMYSONE see: GM8960000
CHEM ZINEB see: ZH3325000
CHENDAL see: FZ1980000
CHENDOL see: FZ1980000
CHENIC ACID see: FZ1980000
CHENODEOXYCHOLIC ACID see: FZ1980000
CHENODESOXYCHOLIC ACID see: FZ1980000
CHENODESOXYCHOLSAEURE (German) see: FZ1980000
CHENODIOL see: FZ1980000
CHENOPODIUM ambrosioides see: VN3020000

FM2996600 CHENOPODIUM BLITUM Hook. f., extract
DEF:Indian plant belonging to the family CHENOPODIACEAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
2F02P02 ipr-rat LD50:1 gm/kg — IJEBA6 16,228,78

FM2996700 CHENOPODIUM BOTRYS Linn., extract
DEF:Indian plant belonging to the family CHENOPODIACEAE (IJEBA6 16,228,78)
UPDT:8411

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
1M10 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

FM2997000 CHENOPODIUM OIL
UPDT:8305 CAS: 8006-99-3
SYN: OIL OF AMERICAN WORMSEED * OIL OF CHENOPODIUM
IRRITATION DATA AND REFERENCES:
skn-mus 100% FCTXAV 14,713,76
skn-rbt 500 mg/24H MLD FCTXAV 14,713,76
skn-pig 100% FCTXAV 14,713,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:255 mg/kg FCTXAV 14,713,76
* skn-rbt LD50:415 mg/kg FCTXAV 14,713,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FM3005000 CHERRY BARK OAK
DEF: TANNIN containing fraction of bark used (JNCIAM 57,207,76)
UPDT:8401
SYN: QUERCUS FALCATA PAGODAEFFOLIA * TANNIN from CHERRY BARK OAK
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:720 mg/kg/45W-I JNCIAM 57,207,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHERTS see: VV7330000
CHESHUNT COMPOUND see: GL6910000

FM3015000 CHESTNUT TANNIN
UPDT:8401
SYN: CASTANEA SATIVA MILL TANNIN * TANNIN from CHESTNUT
TUMORIGENIC DATA AND REFERENCES:
2V03L60 scu-mus TDLo:750 mg/kg/12W-I BJCAAI 14,147,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

17-CHETOVIS see: BV8396000
CHEVRON 9006 see: TB4970000
CHEVRON 20615 see: AE1300200
CHEVRON ACETONE see: AL3150000
CHEVRON ORTHO 9006 see: TB4970000
CHEVRON RE5305 see: FB5250000
CHEVRON RE 5353 see: FC3500000
CHEVRON RE 5655 see: FB5075000
CHEVRON RE 12,420 see: TB4760000
CHEXMATE see: CH7525000
CHF 1 see: CV2302500
CHI 2 see: VA2380000
CHICAGO BLUE 6B see: QJ6430000
CHICAGO SKY BLUE 6B see: QJ6430000
CHICK ANTIDERMATITIS FACTOR see: RU4729000
CHICLIDA see: TL1970000
CHIKNAKAREN EXTRACT (Indian) see: OL8810000
CHIKUSETSUSAPONIN 4 see: FM3374500
CHIKUSETSUSAPONIN 5 see: FM3375000

FM3374000 CHIKUSETSUSAPONIN III
UPDT:8402 CAS: 29845-71-4 MW: 917.27 MOLFM: C47-H80-O17
TOXICITY DATA AND REFERENCES:
3F07F17J25 ipr-mus LD50:186 mg/kg CPBTAL 25,1017,77
3F07F17J25 ivn-mus LD50:163 mg/kg CPBTAL 25,1017,77

FM3374500 CHIKUSETSUSAPONIN IV
UPDT:8402 CAS: 7518-22-1 MW: 927.21 MOLFM: C47-H74-O18
SYN: ARALOSIDE (BCI) * CHIKUSETSUSAPONIN 4 * OLEANOSIDE E
TOXICITY DATA AND REFERENCES:
3F07F17J25 ipr-mus LD50:548 mg/kg CPBTAL 25,1017,77
3F07F17J25 ivn-mus LD50:343 mg/kg CPBTAL 25,1017,77

FM3375000 CHIKUSETSUSAPONIN V
UPDT:8402 CAS: 34367-04-9 MW: 957.24 MOLFM: C48-H76-O19
SYN: CHIKUSETSUSAPONIN 5 * GINSENOSIDE Ro
TOXICITY DATA AND REFERENCES:
3F07F17J25 ipr-mus LD50:548 mg/kg CPBTAL 25,1017,77
3F07F17J25 ivn-mus LD50:343 mg/kg CPBTAL 25,1017,77

CHILBIL STEM BARK EXTRACT (Indian) see: MS8414000
CHILE SALTPETER see: WC5600000
CHIL STEM EXTRACT (Indian) see: TK5482000
CHIMAR EXRACT (Indian) see: EX8725000
CHIMIPAL AE 3 see: MD0875000
CHINACRIN see: AR7875000
CHINACRIN HYDROCHLORIDE see: AR7875000
CHINALDINE see: UZ9625000
CHINALPHOS see: TF6125000
CHINESE ISINGLASS see: AW7950000
CHINESE RED see: OF9800000
CHINESE SEASONING see: MA1575000
CHINESE WHITE see: ZH4810000
CHINGAMIN see: VB2360000
CHINGAMIN see: VB2450000
CHINGAMIN PHOSPHATE see: VB2450000
CHINIDIN (German) see: VA4725000
CHININ (German) see: VA6020000
CHINIOFON see: VC2800000
CHINOCIDE see: VA9680000
CHINOFER see: NI2200000
CHINOFORM see: VC5075000
CHINOIN see: QN2885000
CHINOIN 103 see: EL1510000
CHINOLEINE see: VA9275000
CHINOLIN (Czech) see: VA9275000
CHINOLINE see: VA9275000
CHINOLINE YELLOW D SOL. IN SPIRITS see: GE5925000
CHINOLINE YELLOW ZSS see: GE5925500
CHINOMETHIONAT see: FG1400000
CHINOMETHIONATE see: FG1400000
CHINON (Dutch, German) see: DK2625000
CHINONE see: DK2625000
CHINONOXIME-BENZOYLHYDRAZONE see: DH6125000
CHINORTA see: TC2275000
CHINOSOL see: VC8260000
CHINOTHIONAT see: FG2700000
CHINOTILIN see: VC3656000
CHINOXALIN-2,3-DIYL-TRITHIOCARBONAT (German) see: FG2700000
CHINOXIDIN see: VD1650000
CHINOXONE see: GD3900000
CHIP see: TP2230500
CHIP see: TP2494300
CHIP-CAL see: CG0830000
CHIP-CAL GRANULAR see: CG0830000
CHIPCO 26019 see: NI8870000
CHIPCO BUCTRIL see: DI3150000
CHIPCO CRAB-KLEEN see: DI3150000
CHIPCO CRAB KLEEN see: PA2275000
CHIPCO SPOT KLEEN see: BA3640000
CHIPCO THIRAM 75 see: JO1400000
CHIPCOTE see: OW2000000
CHIPCOTE 75 see: OW2000000
CHIPCO TURF HERBICIDE 'D' see: AG6825000
CHIPCO TURF HERBICIDE MCPP see: UE9750000
CHIPMAN 3,142 see: DC0175000
CHIPMAN 6199 see: TF1400000
CHIPMAN 6200 see: TF0525000
CHIPMAN 11976 see: TD5175000
CHIPMAN R-6,199 see: TF1400000
CHIPMAN RP 11807 see: TE1840000
CHIPMAN RP-13072 see: TE1500000
CHIPMAN RP-13378 see: TE1420000
CHIPTOX see: AG1575000
CHIRAYAGODA STEM BARK EXTRACT (Indian) see: ZB0925000
CHIRIA KADANA EXTRACT (Indian) see: KD8130000

FM6102600 CHIRIDQUITOXIN
UPDT:8308 CAS: 61132-15-8
TOXICITY DATA AND REFRENCES:
* ipr-mus LD 0:13 ug/kg PWPSA8 19,381,76
2H02J30 ivn-cat LDLo:5 ug/kg PWPSA8 19,381,76

CHIRONEX FLECKERI TOXIN see: XW5853000
CHIRONEX FLECKERI TOXIN see: XW5882000
CHIRONJI EXTRACT (Indian) see: EI1800000
CHIRUKATTALI EXTRACT (Indian) see: BC8058000
CHISSO 507B see: UD1842000
CHISSONOX 201 see: RN7700000
CHISSONOX 206 see: RN8640000
CHISSO POLYPRO 1014 see: UD1842000
CHITA ROOT EXTRACT (Indian) see: TP3920600
CHITOSAMINE see: LZ6664000
CHITRAKA ROOT EXTRACT (Indian) see: TP3920600
CHIXIN see: LT7700000
CHKHZ 18 see: XA5250000
ChKhZ 21 see: LQ1040000
ChKhZ 21R see: LQ1040000
CHLODITAN see: KH7880000
CHLODITHANE see: KH7880000
CHLOFENVINPHOS see: TB8750000
CHLOFLURECOL-METHYL see: LL6070000
CHLOFLURECOL-METHYL ESTER see: LL6070000
CHLOMAPHENE see: YE0800000
CHLOMETHOXYNIL see: KN8300000
CHLOMIN see: AB6825000
CHLOMYCOL see: AB6825000
CHLONIXIN see: QT0960000 NICOTINIC ACID, 2-(3-CHLORO-o-TOLUIDINO)-
CHLOOR (Dutch) see: FO2100000
3-CHLOORANILINEN (Dutch) see: BX0350000
CHLOORBENZEEN (Dutch) see: CZ0175000
CHLOORBENZIDE (Dutch) see: WQ2975000
(4-CHLOOR-BENZYL)-(4-CHLOOR-FENYL)-SULFIDE (Dutch) see: WQ2975000
2-CHLOOR-1,3-BUTADIEEN (Dutch) see: EI9625000
(4-CHLOOR-BUT-2-YN-YL)-N-(3-CHLOOR-FENYL)-CARBAMAAT (Dutch) see: FD7700000
CHLOORDAAN (Dutch) see: PB9800000
O 2-CHLOOR-1-(2,4-DICHLOOR-FENYL)-VINYL-O,O-DIETHYLFOSFAAT (Dutch) see: TB8750000
(2-CHLOOR-3-DIETHYLAMINO-1-METHYL-3-OXO-PROP-1-EN-YL)-DIMETHYL-FOSFAAT (Dutch) see: TC2800000
2-CHLOOR-4-DIMETHYLAMINO-6-METHYL-PYRIMIDINE (Dutch) see: UV8050000
1-CHLOOR-2,4-DINITROBENZEEN (Dutch) see: CZ0525000
1-CHLOOR-2,3-EPOXY-PROPAAN (Dutch) see: TX4900000
CHLOORETHAAN (Dutch) see: KH7525000
2-CHLOORETHANOL (Dutch) see: KK0875000
CHLOORFACINON (Dutch) see: NK5335000
3-(4-(4-CHLOOR-FENOXY)-FENOXY)-FENYL)-1,1-DIMETHYLUREUM (Dutch) see: YS6125000
CHLOORFENSON (Dutch) see: DB5250000
(4-CHLOOR-FEN',1)-BENZEEN-SULFONAAT (Dutch) see: DB5600000
(4-CHLOOR-FENYL)-4-CHLOOR-BENZEEN-SULFONAAT (Dutch) see: DB5250000
3-(4-CHLOOR-FENYL)-1,1-DIMETHYLUREUM (Dutch) see: YS6300000
2(2-(4-CHLOOR-FENYL-2-FENYL)-ACETYL)-INDAAN-1,3-DION (Dutch) see: NK5335000
N-(3-CHLOOR-FENYL)-ISOPROPYL CARBAMAAT (Dutch) see: FD8050000
3-(1-(4-CHLOORFENYL)-3-OXO-BUTYL)-4-HYDROXY-CUMARINE (Dutch) see: GN4830000
CHLOOR-HEXAVIET see: BQ8650000
CHLOOR-METHAAN (Dutch) see: PA6300000
2-(4-CHLOOR-2-METHYL-FENOXY)-PROPIONZUUR (Dutch) see: UE9750000
1-CHLOOR-4-NITROBENZEEN (Dutch) see: CZ1050000
O-(3-CHLOOR-4-NITRO-FENYL)-O,O-DIMETHYL-MONOTHIOFOSFAAT (Dutch) see: TE8050000
O-(4-CHLOOR-3-NITRO-FENYL)-O,O-DIMETHYLMONOTHIOFOSFAAT (Dutch) see: TE7875000
CHLOORPIKRINE (Dutch) see: PB6300000
CHLOORTHION (Dutch) see: TE8050000
CHLOORWATERSTOF (Dutch) see: MW4025000
CHLOPHEDIANOL HYDROCHLORIDE see: DC7600000
CHLOPHEN see: TQ1350000
CHLOPHENADIONE see: NK5250000
CHLOR (German) see: FO2100000
(CHLORACETAMIDO-4' PHENYLTHIO)-4 NITROBENZENE (French) see: AB5820500
CHLORACETIC ACID see: AF8575000
CHLORACETONE (French) see: UC0700000
CHLORACETONITRILE see: AL8225000
CHLORACETYL CHLORIDE see: AO6475000
CHLORACIZIN see: SN7800000
CHLORACIZINE see: SN7800000
CHLORACON see: UE3150000
CHLORACTIL see: SO1750000
CHLORACYZINE see: SN7800000
2-CHLORAETHANOL (German) see: KK0875000
N-(2-CHLORAETHYL)-N'-(2-CHLORAETHYL)-N',O-PROPYLEN-PHOSPHORSAUREESTER-DIAMID (German) see: RP6050000
alpha-CHLOR-6'-AETHYL-n-(2-METHOXY-1-METHYLAETHYL)-ACET-o-TOLUIDIN (German) see: AN3430000
2-CHLOR-6-AETHYLPHENOL (German) see: SK4300000
4-CHLOR-2-AETHYLPHENOL (German) see: SK4310000
4-CHLOR-2-AETHYLPHENYL-AETHYLENGLYKOLAETHER (German) see: KK1577000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

2-CHLORAETHYL-PHOSPHONSAEURE (German) see: SZ7100000
7-CHLOR-2-AETHYL-1,2,3,4-TETRAHYDRO-4-OXO-6-CHINAZOLINSULFONAMID NATRIUMSALZ (German) see: VA1680000
CHLORAK see: TA0700000
CHLORAKON see: UE3150000

FM7870000 CHLORAL
CAS: 75-87-6 MW: 147.38 MOLFM: C2-H-Cl3-O
SYN: ACETALDEHYDE, TRICHLORO- (9CI) * ANHYDROUS CHLORAL * CHLORAL, anhydrous, inhibited (DOT) * CLORALIO (Italian) * GRASER * RCRA WASTE NUMBER U034 * TRICHLOROACETALDEHYDE * 2,2,2-TRICHLOROACETALDEHYDE * TRICHLOROETHANAL * UN 2075 (DOT)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg — BCFAAI 111,293,72

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B, LABEL:POISON — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CHLORAL, anhydrous, inhibited (DOT) see: FM7870000
CHLORALDURAT see: FM8750000

FM8750000 CHLORAL HYDRATE
UPDT:8405 CAS: 302-17-0 MW: 165.40 MOLFM: C2-H-Cl3-O-H2-O
SYN: AQUACHLORAL * B- 3411 * CHLORALDURAT * DORMAL * 1,1-ETHANEDIOL, 2,2,2-TRICHLORO- (9CI) * FELSULES * NS * HYDRAL * HYDRATE DE CHLORAL * KESSODRATE * LORINAL * NOCTEC * NORTEC * NYCOTON * NYCTON * PHALDRONE * RECTULES * SK-CHLORAL HYDRATE * SOMNI SED * SOMNOS * SONTEC * TOSYL * TRAWOTOX * TRICHLORACETALDEHYD-HYDRAT (German) * TRICHLOROACETALDEHYDE HYDRATE * TRICHLOROACETALDEHYDE MONOHYDRATE * 2,2,2-TRICHLORO-1,1-ETHANEDIOL

MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate — ENMUDM 5(Suppl 1),3,83
mma-sat 1 mg/plate — ENMUDM 5(Suppl 1),3,83
mmo-omi 2 mg/plate — CBINAB 30,9,80
cyt-smc 10 mmol/tube — HEREAY 33,457,47
mma-asn 5 mg/plate — CBINAB 30,9,80
oms-nml:oth 100 mmol/L — CHROAU 45,215,74
cyt-nml:oth 100 mmol/L — CHROAU 45,215,74
sce-hmn:lym 54 mg/L — AGTQAH 24,105,91

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:960 mg/kg/1W-I — BJCAAI 9,177,55

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:4 mg/kg — PHBTH* 3,132,67
3F01G04H02 ivn-hmn TDLo:300 mg/kg — BMJOAE 2,994,77
unk-man LDLo:103 mg/kg — 85DCAI 2,73,70
orl-rat LD50:480 mg/kg — TXAPA9 18,185,71
2F07J30 ipr-rat LD50:472 mg/kg — NIIRDN 6,784,82
* par-rat LD50:710 mg/kg — JPETAB 106,444,52
orl-mus LD50:1100 mg/kg — JAPMA8 45,137,56
* ipr-mus LD50:777 mg/kg — AEPPAE 166,437,32
scu-mus LDLo:800 mg/kg — JPETAB 78,340,43
orl-dog LDLo:1000 mg/kg — JPETAB 78,340,43
orl-cat LDLo:400 mg/kg — AEPPAE 132,214,28
orl-rbt LDLo:1200 mg/kg — ZEPTAT 18,61,16
scu-rbt LDLo:1000 mg/kg — JPETAB 63,453,38
ivn-rbt LDLo:400 mg/kg — AEPPAE 132,214,28
rec-rbt LDLo:1000 mg/kg — HBAMAK 4,1289,35
orl-pgn LDLo:300 mg/kg — AIPTAK 8,77,01
orl-frg LDLo:938 mg/kg — AEPPAE 166,437,32
par-mus LDLo:900 mg/kg — HBAMAK 4,1289,35
orl-ctl LDLo:30 mg/kg — HBAMAK 4,1289,35
ivn-ctl LDLo:10 mg/kg — HBAMAK 4,1289,35
rec-ctl LDLo:30 mg/kg — HBAMAK 4,1289,35

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHLORALLYL DIETHYLDITHIOCARBAMATE see: EZ5075000
CHLORALLYLENE see: UC7350000
CHLORALOSANE see: FM9450000

FM9450000 CHLORALOSE, alpha-
UPDT:8401 CAS: 15879-9-3 MW: 309.54 MOLFM: C8-H11-Cl3-O6
SYN: AGC * ALFAMAT * ANHYDRO-GLUCOCHLORAL * APHOSAL * CHLORALOSANE * alpha-CHLORALOSE * CHLORO-A-LOSANE * DULCIDOR * GLUCOCHLORAL * GLUCOCHLOROSE * alpha-D-GLUCOCHLORALOSE * alpha-D-GLUCOFURANOSE, 1,2-O-(2,2,2-TRICHLOROETHYLIDENE)-, (R)- (9CI) * KALMETTUMSOMNIFERUM * MONOTRICHLOR-AETHYLIDEN-alpha-GLUCOSE (German) * MUREX * SOMIO * 1,2-O-(2,2,2-TRICHLOROETHYLIDENE)-alpha-D-GLUCOFURANOSE * (R)-1,2-O-(2,2,2-TRICHLOROETHYLIDENE) alpha-D-GLUCOFURANOSE

TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 scu-mus TDLo:215 mg/kg — NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:400 mg/kg — BSESA3 9,260,76
scu-rat LDLo:200 mg/kg — 27ZIAQ -,70,73
* orl-mus LD50:32 mg/kg — FMCHA2 -,C50,83
1F04 ipr-mus LD50:190 mg/kg — AIPTAK 128,391,60
orl-dog LDLo:600 mg/kg — AIPTAK 3,191,1897
ipr-dog LDLo:400 mg/kg — AIPTAK 3,191,1897
* ivn-dog LDLo:120 mg/kg — BSESA3 9,260,76
orl-cat LDLo:100 mg/kg — AIPTAK 3,191,1897
ipr-cat LDLo:150 mg/kg — AIPTAK 3,191,1897
orl-pgn LD50:178 mg/kg — TXAPA9 21,315,72
orl-dck LD50:42 mg/kg — TXAPA9 21,315,72
* ipr-brd LD50:200 mg/kg — FMCHA2 -,C50,83
orl-bwd LD50:32 mg/kg — TXAPA9 21,315,72
orl-brd LD50:42 mg/kg — TXAPA9 21,315,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
alpha-CHLORALOSE see: FM9450000
CHLORAMBED see: DG1925000
CHLORAMBEN see: DG1925000
CHLORAMBENE see: DG1925000
CHLORAMBUCIL see: ES7525000
CHLORAMEISENSAEURE METHYLESTER (German) see: FG3675000
CHLORAMEX see: AB6825000
CHLORAMIBLAU 3B see: QJ6475000

FN0275000 CHLORAMIDE
UPDT:8412 CAS: 10599-90-3 MW: 51.48 MOLFM: Cl-H2-N
SYN: CHLORAMINE * CHLORAMINE (inorganic compound) * CHLOROAMINE * MONOCHLORAMIDE * MONOCHLORAMINE * MONOCHLOROAMINE * MONOCHLOROAMMONIA

MUTATION DATA AND REFERENCES:
mma-bcs 18 umol/L — SCIEAS 192,1141,76
dnr-bcs 18 umol/L — SCIEAS 192,1141,76

STATUS:
NTP CARCINOGENESIS STUDIES, SELECTED, OCTOBER 1984
NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

CHLORAMIN see: IA2100000
CHLORAMIFENE see: YE0800000
CHLORAMINE see: FN0275000
CHLORAMINE see: IA1750000
CHLORAMINE see: IA2100000
CHLORAMINE (inorganic compound) see: FN0275000
CHLORAMINE BLACK C see: QJ6160000
CHLORAMINE BLACK EC see: QJ6160000
CHLORAMINE BLACK ERT see: QJ6160000
CHLORAMINE BLACK EX see: QJ6160000
CHLORAMINE BLACK EXR see: QJ6160000
CHLORAMINE BLACK XO see: QJ6160000
CHLORAMINE BLUE see: QJ6475000
CHLORAMINE BLUE 2B see: QJ6400000
CHLORAMINE BLUE 3B see: QJ6475000
CHLORAMINE CARBON BLACK S see: QJ6160000
CHLORAMINE CARBON BLACK SJ see: QJ6160000
CHLORAMINE CARBON BLACK SN see: QJ6160000
CHLORAMINE FAST BROWN BRL see: GL7375000
CHLORAMINE FAST BROWN BRLL see: GL7375000
CHLORAMINE FAST CUTCH BROWN PL see: GL7375000
CHLORAMINE RED 3B see: QJ6476000
CHLORAMINE RUBINE see: QK1296000
CHLORAMINE SKY BLUE A see: QJ6420000
CHLORAMINE SKY BLUE FF see: QJ6430000
CHLORAMINE SKY BLUE 4B see: QJ6420000
CHLORAMINE (THE NITROGEN MUSTARD) see: IA1750000
CHLORAMINE T TRIHYDRATE see: XT5617000
CHLORAMINOPHEN see: ES7525000
CHLORAMINOPHENE see: ES7525000
CHLORAMIPHENE see: YE0875000
CHLORAMIPHENE see: YE0800000
CHLORAMIPHENE CITRATE see: YE0875000
CHLORAMP (Russian) see: TJ7525000
CHLORAMPHENICOL see: AB6825000
D-CHLORAMPHENICOL see: AB6825000
D-threo-CHLORAMPHENICOL see: AB6825000
D-(-)-threo-CHLORAMPHENICOL see: AB6825000
L(+)-threo-CHLORAMPHENICOL see: AB8136500
CHLORAMPHENICOL ACID SUCCINATE see: WM9650000
CHLORAMPHENICOL BUTYLSUCCINATE see: WM5562000
CHLORAMPHENICOL sec-BUTYLSUCCINATE see: WM5562500
CHLORAMPHENICOL CYCLOHEXANE SUCCINATE see: WM5785000
CHLORAMPHENICOL DODECYLSUCCINATE see: WM7753000
CHLORAMPHENICOL HEMISUCCINATE see: WM9650000
CHLORAMPHENICOL HYDROGEN SUCCINATE see: WM9650000
CHLORAMPHENICOL 4-METHYL-1-PIPERAZINEPROPIONATE DIHYDROCHLORIDE HYDRATE see: TM2693927
CHLORAMPHENICOL MONOSUCCINATE see: WM9650000
CHLORAMPHENICOL MONOSUCCINATE BUTYL ESTER see: WM5562000
CHLORAMPHENICOL MONOSUCCINATE sec-BUTYL ESTER see: WM5562500
CHLORAMPHENICOL MONOSUCCINATE CYCLOHEXYL ESTER see: WM5785000
CHLORAMPHENICOL MONOSUCCINATE DODECYL ESTER see: WM7753000
CHLORAMPHENICOL MONOSUCCINATE OCTYL ESTER see: WN0502000
CHLORAMPHENICOL MONOSUCCINATE SODIUM SALT see: AB6905000
CHLORAMPHENICOL OCTYLSUCCINATE see: WN0502000
CHLORAMPHENICOL 1-PIPERIDINEACETATE see: TM3546000
CHLORAMPHENICOL SODIUM MONOSUCCINATE see: AB6905000
CHLORAMPHENICOL SODIUM SUCCINATE see: AB6905000
CHLORAMPHENICOL SUCCINATE see: WM9650000
CHLORAMPHENICOL SUCCINATE SODIUM see: AB6905000
CHLORAMPHENICOL-SUKZINAT-NATRIUM (German) see: AB6905000
CHLORAMSAAR see: AB6825000
CHLORANAUTINE see: XH5082000
CHLORANIL see: DK6825000
4-CHLORANILIN (Czech) see: BX0700000
m-CHLORANILINE see: BX0350000
o-CHLORANILINE see: BX0525000
p-CHLORANILINE see: BX0700000
CHLORANOCRYL see: AS4025000

FN2290000 CHLORANTHUS OFFICINALIS Bl., extract
DEF Indian plant belonging to the family CHLORANTHACEAE (UEBAA6 12,512,74)
UPDT:8302

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:140 mg/kg — UEBAA6 12,512,74

CHLORANTINE FAST BLUE BSGL see: QJ6430000
CHLORAQUINE see: VB2360000
CHLORARSENOL see: MJ8900000
CHLORARSOL see: SJ5775000
CHLORASEN see: SJ5775000
CHLORASOL see: AB6825000
CHLORA-TABS see: AB6825000
CHLORATE DE CALCIUM (French) see: FN9800000
CHLORATE OF POTASH see: FO0350000
CHLORATE OF POTASH (DOT) see: FO0350000
CHLORATE OF SODA (DOT) see: FO0525000
CHLORATE DE POTASSIUM (French) see: FO0350000
CHLORATE SALT of MAGNESIUM see: FJ0175000
CHLORATE SALT of SODIUM see: FO0525000
CHLOR-ATHROMBON see: NK5250000
CHLORAX see: FO0525000
CHLORAX see: FO0555000 CHLORIC ACID, SODIUM SALT, mixed with BORIC ACID SODIUM SALT
CHLORAZEPAM see: DE8750000
CHLORAZEPATE DIPOTASSIUM see: DE8750000
CHLORAZICIN see: SN7800000
CHLORAZICINE see: SN7800000
CHLORAZIN see: SO1750000
CHLORAZINE see: XY5075000
CHLORAZOL BLACK E see: QJ6160000
CHLORAZOL BLACK E (BIOLOGICAL STAIN) see: QJ6160000
CHLORAZOL BLACK EA see: QJ6160000
CHLORAZOL BLACK EN see: QJ6160000
CHLORAZOL BLUE B see: QJ6400000
CHLORAZOL BLUE 3B see: QJ6475000
CHLORAZOL BLUE BP see: QJ6400000
CHLORAZOL BURL BLACK E see: QJ6160000

BEST COPY AVAILABLE

CHLORAZOL DARK GREEN PL see: QJ6195050
CHLORAZOL LEATHER BLACK EMP see: QJ6160000
CHLORAZOL PAPER YELLOW R see: GD0197800
CHLORAZOL RUBINE A see: QK1296000
CHLORAZOL SILK BLACK G see: QJ6160000
CHLORAZOL SKY BLUE FF see: QJ6430000
CHLORAZOL SKY BLUE FF see: QJ6440000
CHLORAZOL VIOLET N see: QK1420000
CHLORBENSID (German) see: WQ2975000
CHLORBENSIDE see: WQ2975000
CHLORBENXIDE see: WQ2975000
CHLORBENZENE see: CZ0175000
CHLORBENZIDE see: WQ2975000
CHLORBENZILAT see: DD2275000
CHLORBENZILATE see: DD2275000
CHLORBENZOL see: CZ0175000
CHLORBENZOSAMINE DIHYDROCHLORIDE see: TL2380000
CHLORBENZOXAMINE DIHYDROCHLORIDE see: TL2380000
5-CHLORBENZOXAZOLIN-2-ON see: DM5250000
CHLORBENZOXYETHAMINE DIHYDROCHLORIDE see: TL2380000
N-(p-CHLORBENZOYL)-gamma-(p-ANISIDINO)-BUTTERSAEURE (German) see: ES8352000 BUTYRIC ACID, 4(p-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDO)-
2-o-CHLORBENZOYL-4-CHLOR-N-METHYL-N(sup alpha)-GLYCYLGLYCINANILID-HYDRAT (German) see: AD8227000
N-(p-CHLORBENZOYL)-gamma-(2,4-DIMETHOXYANILINO)-BUTTERSAEURE (German) see: ES8138000BUTYRIC ACID, 4-(p-CHLORO-N-(2,4-DIMETHOXYPHENYL)BENZAMIDO)-
N-(p-CHLORBENZOYL)-gamma-(3,4-DIMETHOXYANILINO)-BUTTERSAEURE (German) see: ES8138200BUTYRIC ACID, 4-(p-CHLORO-N-(3,4-DIMETHOXYPHENYL)BENZAMIDO)-
N-(o-CHLORBENZOYL)-gamma-(2,6-DIMETHYLANILINO)-BUTTERSAEURE (German) see: ES8810000 BUTYRICACID, 4-(o-CHLORO-N-2,6-XYLYLBENZAMIDO)-
N-(p-CHLORBENZOYL)-gamma-(2,6-DIMETHYLANILINO)-BUTTERSAEURE (German) see: ES8812000 BUTYRICACID, 4-(p-CHLORO-N-2,6-XYLYLBENZAMIDO)-
1-(p-CHLORBENZOYL)-5-METHOXY-2-METHYLINDOL-3-ACETOXYESSIGSAEURE (German) see: NL3521400
N-p-CHLORBENZOYL-5-METHOXY-2-METHYLINDOLE-3-ACETIC ACID see: NL3500000
N-(p-CHLORBENZOYL)-gamma-(p-PHENETIDINO)-BUTTERSAEURE (German) see: ES8138400 BUTYRIC ACID,4-(p-CHLORO-N-(p-ETHOXYPHENYL)BENZAMIDO)-
CHLORBENZYLATE see: DD2275000
(4-CHLOR-BENZYL)-(4-CHLOR-PHENYL)-SULFID (German) see: WQ2975000
CHLORBETAMIDE see: AB6551000
CHLORBICYCLENE (French) see: NS5950000
5-(3-CHLOR-4-BROM-PHENYL-THIOCARBAMOYL)-THIOGLYKOLSAEURE (German) see: FD7570000
CHLORBUFAN mixed with CYCEURON see: YS7890000
2-CHLOR-1 3-BUTADIEN (German) see: EI9625000
CHLORBUTANOL see: UC0175000
(4-CHLOR-BUT-2-IN-YL)-N-(3-CHLOR-PHENYL)-CARBAMAT (German) see: FD7700000
CHLORBUTOL see: UC0175000
5-(4-CHLORBUTYL)PICOLINSAEURE (German) see: TJ7542000 PICOLINIC ACID, 5-(4-CHLOROBUTYL)-
CHLORBYCYCLEN see: NS5950000
CHLORCARVACROL see: FI1400000
CHLORCHLOINCHLORIDE see: BP5250000
CHLORCHOLINCHLORID (Czech) see: BP5250000
CHLORCHOLINE CHLORIDE see: BP5250000
CHLORCOSANE see: RV0450000
p-CHLOR-m-CRESOL see: GO7100000
CHLORCYAN see: GT2275000
CHLORCYCLINE see: TL1925000
CHLORCYCLIZINE see: TL1925000
CHLORCYCLIZINE DIHYDROCHLORIDE see: TL2100000
CHLORCYCLIZINE HYDROCHLORIDE see: TL2275000
CHLORCYCLIZINE HYDROCHLORIDE see: TL2200000
CHLORCYCLIZINIUM CHLORIDE see: TL2200000
DL-2-(3-CHLOR-4-CYCLOHEXYL-PHENYL)PROPIONSAEURE (German) see: UE8862000
CHLORDAN see: PB9800000
gamma-CHLORDAN see: PB9805000
trans-CHLORDAN see: PB9805000
gamma-CHLORDAN see: PB9800000
CHLORDANE see: PB9800000
alpha-CHLORDANE see: PB9700000
gamma(trans)-CHLORDANE see: PB9805000
CHLORDANE, LIQUID (DOT) see: PB9800000
CHLORDANTOIN see: MU2400000
CHLORDECONE see: PC8575000
7-CHLOR-6-(4-(DIAETHYLAMINO)-1 METHYLBUTYLAMINO)-CHINOLINDIPHOSPHAT (German) see: WB2430000
(2-CHLOR-3-DIAETHYLAMINO-1-METHYL-3-OXO-PROP-1-EN-YL)-DIMETHYL-PHOSPHAT (German) see: TC2800000
CHLORDIAZACHEL see: DE9450000
CHLORDIAZEPOXIDE see: DE9275000
CHLORDIAZEPOXIDE HYDROCHLORIDE see: DE9450000
CHLORDIAZEPOXIDE MONOHYDROCHLORIDE see: DE9450000
CHLORDIAZEPOXIDE mixed with SODIUM NITRITE (1:1) see: DE9470000
O-2-CHLOR-1-(2,4-DICHLOR-PHENYL)-VINYL-O,O-DIAETHYLPHOSPHAT (German) see: TB8750000
CHLORDIMEFORM see: LQ4375000
CHLORDIMEFORM HYDROCHLORIDE see: LQ4550000
CHLORDIMETHYLETHER (Czech) see: KN6650000
2-CHLOR-11-(2-DIMETHYLAMINOAETHOXY)-DIBENZO(b,f)-THIEPIN (German) see: HQ2541700
7-CHLOR-10-beta-DIMETHYLAMINO-AETHYL-10,11-DIHYDRO-5H-DIBENZO-(b,e)(1,4)-DIAZEPIN (German) see: HP1805000
1-CHLOR-2,4-DINITROBENZENE see: CZ0525000
CHLORE (French) see: FO2100000
CHLOREFENIZON (French) see: DB5250000
CHLORENDIC ACID see: RB9000000
CHLORENDIC IMIDE see: RB8630000
CHLOREPIN see: DE9600000
1-CHLOR-2,3-EPOXY-PROPAN (German) see: TX4900000
CHLORESENE see: GV4900000
CHLORESTROLO see: KV0600000
CHLORETHAMINACIL see: YQ8925000
CHLOR-ETHAMINE see: KV3650000
CHLORETHAMINE see: IA2100000
CHLORETHATE see: FF8925000
CHLORETHAZINE see: IA2100000
CHLORETHENE see: KU9625000
CHLORETHEPHON see: SZ7100000
CHLORETHYL see: KH7525000
CHLORETHYLENE see: KU9625000
2-CHLORETHYL VINYL ETHER see: KN6300000
CHLORETIN see: AE1160000
CHLORETONE see: UC0175000
CHLOREX see: KN0875000
CHLOREXTOL see: TQ1350000
CHLOREZ 700 see: RV0450000
CHLOREZ 700HMP see: RV0450000
CHLORFACINON (German) see: NK5335000
CHLORFENAC see: AJ8750000
CHLORFENAMIDINE see: LQ4375000
CHLORFENETHOL see: DC7875000
CHLORFENIDIM see: YS6300000
p-CHLORFENOL (Czech) see: SR2800000
2-(4'-CHLORFENOXY)ETHANOL (Czech) see: KK2100000
CHLORFENPROP-METHYL see: UE8840000
CHLORFENSON see: DB5250000
CHLORFENSULFID (German) see: IL8842000
CHLORFENSULFIDE see: IL8842000
CHLORFENSULPHIDE see: KJ7780000
CHLORFENVINFOS see: TB8750000
CHLORFENVINPHOS see: TB8750000
1-p-CHLORFENYL-3,3-DIMETHYLTRIAZEN (Czech) see: XY0700000
3-CHLOR-p-FENYLENDIAMIN (Czech) see: SS8925000
p-CHLORFENYLISOKYANAT (Czech) see: NQ8575000
p-CHLORFENYLMONOGLYKOLETHER (Czech) see: KK2100000
CHLORFLURECOL see: LL6070000
CHLORFLURENOL see: LL6070000
CHLORFLURENOL-METHYL ESTER see: LL6070000
CHLORFONIUM see: TA2975000
CHLORFOS see: TA0700000
CHLOR-N-(2-FURYLMETHYL)-5-SULFAMYLANTHRANILSAEURE (German) see: CB2625000
CHLORGUANIDE see: DU1225000
CHLORGUANIDE HYDROCHLORIDE see: DU1750000
CHLORGUANIDE TRIAZINE see: XY7355000
CHLORHEXIDINE see: DU1925000
CHLORHEXIDIN (Czech) see: DU1925000
CHLORHEXIDINE DIACETATE see: DU1930000
CHLORHYDRATE de ACETOXY-THYMOXY-ETHYL-DIMETHYLAMINE (French) see: FI1600000
CHLORHYDRATE d'AMIKHELLINE (French) see: LV1030000
CHLORHYDRATE D'ANILINE (French) see: CY0875000
CHLORHYDRATE de 4-CHLOROORTHOTOLUIDINE (French) see: RU5250000
CHLORHYDRATE de CONESSINE (French) see: GX7621100
CHLORHYDRATE de DIAMINO-3-alpha 17-beta ANDROSTENE-5 (French) see: BV8089710
CHLORHYDRATE de (DIETHOXY-2,3 PHENYL)-1 DIETHOXY-5,6 ISOQUINOLEINE (French) see: NW7524200
CHLORHYDRATE de N-(DIETHOXY-2,5-PHENYL) N-DIETHYLAMINO-2 ETHYL BUTOXY-4 PHENOXYACETAMIDE see: AB4785000
CHLORHYDRATE de DIETHYLAMINOETHYLTHEOPHYLLINE (French) see: XM5095500
CHLORHYDRATE de N,N-DIETHYL beta-CHLORO beta-(CHLORO-4 PHENYL) ETHYLAMINE (French) see: SM2185000
CHLORHYDRATE de (DIMETHOXY-2,3 BENZYL)-1 DIETHOXY-5,6 ISOQUINOLEINE (French) see: NW7524300
CHLORHYDRATE de (DIMETHOXY-2,3 BENZYL)-1 DIHYDRO-3,4 DIETHOXY-5,6 ISOQUINOLEINE (French) see: NW7624500
CHLORHYDRATE de (DIMETHOXY-2,3 BENZYL)-1 DIHYDRO-3,4 DIMETHOXY-5,6 ISOQUINOLEINE (French) see: NW7628100
CHLORHYDRATE de (DIMETHOXY-2,3 BENZYL)-1 DIHYDRO-3,4 DIMETHOXY-6,7 ISOQUINOLEINE (French) see: NW7628200
CHLORHYDRATE de (DIMETHOXY-2,3 BENZYL)-1 DIMETHOXY-5,6 ISOQUINOLEINE (French) see: NW7910000
CHLORHYDRATE de (DIMETHOXY-2,3 BENZYL)-1 DIMETHOXY-6,7 ISOQUINOLEINE (French) see: NW7911000
CHLORHYDRATE de (DIMETHOXY-2,3 PHENYL)-1 DIETHOXY-5,6 ISOQUINOLEINE (French) see: NW7524400
CHLORHYDRATE de (DIMETHOXY-2,3 PHENYL)-1 DIMETHOXY-5,6 ISOQUINOLEINE (French) see: NW7925000
CHLORHYDRATE de (DIMETHOXY-2,3 PHENYL)-1 DIMETHOXY-6,7-ISOQUINOLEINE (French) see: NW7926000
CHLORHYDRATE de DIMETHYLAMINOETHOXY-p-TOLYLPHENYL-METHANE, dextrogyre (French) see: KR6425000
CHLORHYDRATE de DIMETHYLAMINOETHOXY-p-TOLYLPHENYL-METHANE gauche (French) see: KR6420000
CHLORHYDRATE de DIMETHYLAMINOETHOXY-p-TOLYLPHENYL-METHANE, levogyre (French) see: KR6420000
CHLORHYDRATE de DIMETHYLAMINOETHOXY-p-TOLYLPHENYL-METHANE racemique (French) see: KR6430000
CHLORHYDRATE de N-(gamma-DIMETHYLAMINOPROPYL)-BIS(ortho-TOLYL)AMINE (French) see: TX7830000
CHLORHYDRATE de N-(gamma-DIMETHYLAMINOPROPYL)-ortho,meta-DITOLYLAMINE (French) see: TX8031000
CHLORHYDRATE de N-(gamma-DIMETHYLAMINOPROPYL) ortho-NITRALINE (French) see: TX7975000
CHLORHYDRATE de (gamma-DIMETHYLAMINOPROPYL)-1 TETRAHYDRO-2,3,4,5 1H-PYRIDO(3,2-b)AZEPINE see: UU7876100
CHLORHYDRATE de N-(gamma-DIMETHYLAMINOPROPYL) ortho-TOLUIDINE (French) see: TX8030000
CHLORHYDRATE de N,N-DIMETHYL beta-CHLORO beta-(CHLORO-4 PHENYL) ETHYLAMINE (French) see: SM2195000
CHLORHYDRATE de N,N-DIMETHYL beta-CHLORO beta-(METHOXY-4-PHENYL)ETHYLAMINE (French) see: SM1240000
CHLORHYDRATE de N,N-DIMETHYL beta-CHLORO beta-PHENYLETHYLAMINE (French) see: SM1080000
CHLORHYDRATE de (N-ETHYL,N,beta-CHLORETHYL)AMINO-METHYLBENZODIOXANE (French) see: DF3703500
CHLORHYDRATE N ETHYL PIPERIDYL-4 THEOPHYLLINE (French) see: XM5615000
CHLORHYDRATE d'HISTAMINE (French) see: NI3505000
CHLORHYDRATE de METHYLAMINO-3-beta AMINO-17-beta ANDROSTENE (French) see: BV8089790
CHLORHYDRATE de N-METHYL BIS-(beta-CHLOROPHENYLETHYL)AMINE (French) see: SM9665000
CHLORHYDRATE de 1-METHYL 2 p (ISOPROPYLCARBAMOYL)BENZYL-HYDRAZINE (French) see: XS4725000
CHLORHYDRATE de N METHYL PIPERIDYL-4 THEOPHYLLINE (French) see: XM6136000
CHLORHYDRATE de beta-MORPHOLINOPROPIONYLAMINO-1 METHYLE-2 METHOXY-4 ISOPROPYLE-5 BENZENE see: QE9275800
CHLORHYDRATE de MORPHOLYLETHYLTHEOPHYLLINE (French) see: XM6155000
CHLORHYDRATE de N-(1-NAPHTHYLMETHYL)-beta-PHENYLETHYLAMINE (French) see: QJ9705700
CHLORHYDRATE de (NAPHTHYLOXY-1)-4 HYDROXY-3 BUTYRAMIDOXIME (French) see: ES5222000
CHLORHYDRATE de NICOTINE (French) see: QS8575000
CHLORHYDRATE de PAPAVERINE (French) see: NW8375000

BEST COPY AVAILABLE

CHLORHYDRATE de PENICILLATE de BENZHYDRYLAMINE (French) see: XH9802500
CHLORHYDRATE de PENTANICOTINATE de XYLITOL (French) see: ZF0810000
CHLORHYDRATE de PHENETHYL-8-OXA-1-DIAZA-3,8-SPIRO(4,5)DECANONE-2 (French) see: RO0375000
CHLORHYDRATE de PHENYL-1 DIETHOXY-5,6 ISOQUINOLEINE (French) see: NW7524600
CHLORHYDRATE de PHENYL-1 DIMETHOXY-5,6 ISOQUINOLEINE (French) see: NW8400000
CHLORHYDRATE de d-N-(PHENYL-1 PROPYL-2) CHLORO-2 BENZYLAMINE (French) see: SH0683700
CHLORHYDRATE de d-N-(PHENYL-1 PROPYL-2) METHYL-4 BENZYLAMINE (French) see: SI0560000
CHLORHYDRATE de d-N-(PHENYL-1 PROPYL-2) TETRAFURFURYLAMINE (French) see: LV0782000
CHLORHYDRATE de PIPERIDINOMETHYL-2 BENZOYL-7 BENZODIOXANNE-1,4 (French) see: OB6398700
CHLORHYDRATE de PIPERIDINOMETHYLCYCLONEXANE (French) see: TM6607000
CHLORHYDRATE de PIPERIDYLETHYLTHEOPHYLLINE (French) see: XH6487250
CHLORHYDRATE de PIPERIDYL-2' THEOPHYLLINE (French) see: XH6487400
CHLORHYDRATE de N-PIPERONYL beta-PHENETHYLAMINE (French) see: TO2201000
CHLORHYDRATE de PIPERIDYL-3' THEOPHYLLINE (French) see: XH6187600
CHLORHYDRATE de PIPERIDYL-4' THEOPHYLLINE (French) see: XH6487700
CHLORHYDRATE de RAUGALLINE (French) see: AX8100000
CHLORHYDRATE DE TETRACYCLINE (French) see: QI9100000
CHLORHYDRATE de (TRIMETHOXY-2-4-6) PHENYL-(PYRROLIDINE-3) PROPYL/CETONE (French) see: EL9900000
CHLORHYDRIN see: TY4025000
alpha-CHLORHYDRIN see: TY4025000
CHLORHYDROL see: BD0550000
CHLORHYDROL, GRANULAR see: BD0550000
CHLORHYDROL, IMPALPABLE see: BD0550000
5-CHLOR-2-HYDROXY-3-AETHYLBENZYLALKOHOL (German) see: DN9265000
CHLORHYDROXYALUMINUM ALLANTOINATE see: SQ4580000
2-CHLOR-9-HYDROXYFLUOREN-CARBONSAEURE-(9)-ETHYLESTER (German) see: LL6070000
CHLORIAZID see: DK9450000

FN9750000 CHLORIC ACID

UPDT:8312 CAS: 7790-93-4 MW: 84.46 MOLFM: Cl-H-O3
SYN: CHLORIC ACID (DOT) * CHLORIC ACID SOLUTION, containing not more than 10% acid (DOT) * CHLORINE DIOXIDE HYDRATE, FROZEN (DOT) * NA 2626 (DOT) * NA 9191 (DOT) * UN 2626 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD-OXIDIZER; LABEL-OXIDIZER AND POISON — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FN9760000 CHLORIC ACID, AMMONIUM SALT

UPDT:8308 CAS: 10192-29-7 MW: 102.49 MOLFM: Cl-O3-H3-N
SYN: AMMONIUM CHLORATE * AMMONIUM CHLORATE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN — CFRGBR 49,172.101,82

FN9770000 CHLORIC ACID, BARIUM SALT

UPDT:8401 CAS: 13477-00-4 MW: 304.24 MOLFM: Cl2-O6-Ba
SYN: BARIUM CHLORATE * BARIUM CHLORATE (DOT) * UN 1445 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 — DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 0.5 mg(Ba)/m3 (SCP-X) — FEREAC 39,23540,74
★ DOT-HAZARD-OXIDIZER; LABEL-OXIDIZER — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FN9775000 CHLORIC ACID, BARIUM SALT (wet)

UPDT:8308 CAS: 13477-00-4 MW: 304.24 MOLFM: Ba-Cl2-O6
SYN: BARIUM CHLORATE, WET (DOT) * NA 1445 (DOT)

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 0.5 mg(Ba)/m3 (SCP-X) — FEREAC 39,23540,74
★ DOT-HAZARD-OXIDIZER; LABEL-OXIDIZER — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FN9800000 CHLORIC ACID, CALCIUM SALT

UPDT:8403 CAS: 10137-74-3 MW: 206.98 MOLFM: Cl2-O6-Ca
SYN: CALCIUM CHLORATE * CALCIUM CHLORATE (DOT) * CALCIUM CHLORATE, aqueous solution (DOT) * CHLORATE DE CALCIUM (French) * UN 1452 (DOT) * UN 2429 (DOT)

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:4500 mg/kg — JPETAB 35,1,29
ipr-rat LDLo:625 mg/kg — JPETAB 35,1,29
STANDARDS & REGULATIONS:
★ DOT-HAZARD-OXIDIZER; LABEL-OXIDIZER — CFRGBR 49,172.101,82

FN9860000 CHLORIC ACID, COPPER SALT

UPDT:8312 CAS: 26506-47-8 MW: 529.24 MOLFM: H-Cl-O3-xCu
SYN: COPPER CHLORATE * COPPER CHLORATE (DOT) * UN 2721 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO-OXIDIZER; LABEL-OXIDIZER — CFRGBR 49,172.102,83
CHLORIC ACID (DOT) see: FN9750000

FO0175000 CHLORIC ACID, MAGNESIUM SALT

UPDT:8406 CAS: 10326-21-3 MW: 191.21 MOLFM: Cl2-O6-Mg
SYN: CHLORATE SALT of MAGNESIUM * DE-FOL-ATE * E.2 OFF * KRMD 58 * MAGNESIUM CHLORATE * MAGNESIUM CHLORATE (DOT) * MAGNESIUM DICHLORATE * MAGRON * MC DEFOLIANT * ORTHO MC * UN 2723 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1725 orl-rat TDLo:508 mg/kg (1-20D preg) — GISAAA 48(4),68,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6348 mg/kg — GISAAA 48(4),68,83
ipr-rat LDLo:1100 mg/kg — JPETAB 35,1,29
orl-mus LD50:5235 mg/kg — GISAAA 48(4),68,83
orl-rbt LD50:8660 mg/kg — GISAAA 48(4),68,83
STANDARDS & REGULATIONS:
★ DOT-IMO-OXIDIZER; LABEL-OXIDIZER — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FO0200000 CHLORIC ACID, MAGNESIUM SALT, HEXAHYDRATE

UPDT:Cx11 CAS: 7791-18-7 MW: 299.33 MOLFM: Cl2-O6-Mg-6H2-O
SYN: MAGNESIUM CHLORATE HEXAHYDRATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5250 mg/kg — JPETAB 35,1,29
unk-mam LD50:3400 mg/kg — GISAAA 48(7),69,83

FO0350000 CHLORIC ACID, POTASSIUM SALT

UPDT:8403 CAS: 3811-04-9 MW: 122.55 MOLFM: Cl-O3-K
SYN: BERTHOLLET SALT * BERTHOLLET'S SALT * CHLORATE DE POTASSIUM (French) * CHLORATE OF POTASH * CHLORATE OF POTASH (DOT) * FEKABIT * KALIUMCHLORAAT (Dutch) * KALIUMCHLORAT (German) * OXYMURIATE OF POTASH * PEARL ASH * POTASH CHLORATE (DOT) * POTASSIO (CHLORATO DI) (Italian) * POTASSIUM CHLORATE * POTASSIUM (CHLORATE DE) (French) * POTASSIUM CHLORATE (DOT) * POTASSIUM CHLORATE, aqueous solution (DOT) * POTASSIUM OXYMURIATE * POTCRATE * SALT OF TARTER * UN 1485 (DOT) * UN 2427 (DOT)

TOXICITY DATA AND REFERENCES:
unk-hmn LDLo:429 mg/kg — AEXPBL 21,169,1886
orl-rat LD50:1870 mg/kg — AIHAAP 30,470,69
ipr-rat LDLo:500 mg/kg — JPETAB 35,1,29
ipr-gpg LDLo:1800 mg/kg — JPETAB 35,1,29
orl-dog LDLo:1200 mg/kg — HBTXAC 1,242,55
orl-rbt LDLo:2000 mg/kg — AEXPBL 21,169,1886
STANDARDS & REGULATIONS:
★ DOT-HAZARD-OXIDIZER; LABEL-OXIDIZER — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FO0525000 CHLORIC ACID, SODIUM SALT

UPDT:8312 CAS: 7775-09-9 MW: 106.44 MOLFM: Cl-O3-Na
SYN: ASEX * ATLACIDE * ATRATOL * B-HERBATOX * CHLORATE OF SODA (DOT) * CHLORATE SALT of SODIUM * CHLORAX * CHLORSAURE (German) * DE-FOL-ATE * DESOLET * DREXEL DEFOL * DROP LEAF * EVAU-SUPER * FALL * GRAIN SORGHUM HARVEST AID * GRANEX D * HARVEST AID * KLOREX * KUSA-TOHRU * KUSATOL * NATRIUMCHLORAAT (Dutch) * NATRIUMCHLORAT (German) * ORTHO C-1 DEFOLIANT & WEED KILLER * OXYCYL * RASIKAL * SHED-A-LEAF * SHED-A-LEAF L * SODA CHLORATE * SODA CHLORATE (DOT) * SODIO (CLORATO DI) (Italian) * SODIUM CHLORATE * SODIUM (CHLORATE DE) (French) * SODIUM CHLORATE (DOT) * SODIUM CHLORATE, aqueous solution (DOT) * TRAVEX * TUMBLEAF * UN 1495 (DOT) * UN 2428 (DOT) * UNITED CHEMICAL DEFOLIANT NO. 3 * VAL DROP

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — BIOFX* 24-3-71
eye-rbt 10 mg MLD — BIOFX* 21-3-71
MUTATION DATA AND REFERENCES:
mma-sat 40 umol/plate — MUREAV 90,91,81
sln-dmg-orl 250 mmol/L — MUREAV 90,91,81
TOXICITY DATA AND REFERENCES:
3J30P23P24 orl-wmn TDLo:800 mg/kg — 34ZIAG -,539,69
unk-hmn LDLo:214 mg/kg — GUCHAZ 6,461,73
unk-chd LD50:185 mg/kg — GUCHAZ 6,461,73
orl-rat LD50:1200 mg/kg — PHJOAV 185,361,60
ipr-mus LD50:596 mg/kg — COREAF 257,791,63
orl-dog LDLo:700 mg/kg — HBAMAK 4,1289,35
orl-cat LDLo:1350 mg/kg — PCOC** -,1013,66
orl-rbt LDLo:8000 mg/kg — AEXPBL 21,169,1886
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JAVMA4 164(3),277,74
STANDARDS & REGULATIONS:
★ DOT-HAZARD-OXIDIZER; LABEL-OXIDIZER — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FO0555000 CHLORIC ACID, SODIUM SALT, mixed with BORIC ACID SODIUM SALT

UPDT:8408 CAS: 52623-84-4 MW: 172.24 MOLFM: B-Na-O2-Cl-Na-O3
SYN: CHEM-FROST * CHLORAX * LEAF DROP * OXY MBC

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate — MUREAV 51,151,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4330 mg/kg — FMCHA2 -,C216,83
* skn-rbt LD50:20 gm/kg — FMCHA2 -,C161,83
CHLORIC ACID SOLUTION, containing not more than 10% acid (DOT) see: FN9750000
CHLORIC ACID, STRONTIUM SALT see: WK8375000

FO0600000 CHLORIC ACID, THALLIUM(I+) SALT

UPDT:8312 CAS: 13453-20-0 MW: 288.83 MOLFM: H-Cl-O3-Tl
SYN: THALLIUM CHLORATE (DOT) * UN 2573 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO-OXIDIZER; LABEL-OXIDIZER AND POISON — CFRGBR 49,172.102,83

CHLORICOL see: AB6825000
CHLORID AMONNY (Czech) see: BP4550000
CHLORID ANILINU (Czech) see: CY0875000
CHLORID ANTIMONITY (Czech) see: CC4900000
CHLORIDAZON see: UR6125000
CHLORIDAZON-DIALLATE mixt. see: FD3702000
CHLORID n-BUTYLCINICITY (Czech) see: WH6780000
CHLORID CHROMITY HEXAHYDRAT (Czech) see: GB5450000
CHLORID DI-n-BUTYLCINICITY (Czech) see: WH7100000
CHLORIDEAZEPOXIDE HYDROCHLORIDE see: DE9450000
CHLORIDE AZIDE (DOT) see: FO2150000
CHLORIDE DE CHOLINE (French) see: KH2975000
CHLORIDE of DIAMINO-METHYL-PHENYL-DIMETHYL-p-BENZOQUINONE-DIIMINE see: BP6385000
CHLORIDE OF LIME (DOT) see: NH3485000
CHLORIDE OF PHOSPHORUS (DOT) see: TH3675000
CHLORIDE OF SULFUR (DOT) see: WS4300000
CHLORIDE OF SULFUR (DOT) see: WS4500000
CHLORID FENYLRTUTNATY (Czech) see: OW1400000
CHLORIDIAZEPIDE see: DE9275000
CHLORIDIAZEPOXIDE see: DE9275000
CHLORIDIN see: UV8140000
CHLORIDINE see: UV8140000
CHLORID KREMICITY (Czech) see: VW0525000
CHLORIDRATE de gamma-DIMETHYLAMINOPROPYL-1 ANISOYL-2 PYRROLE (French) see: OB2823000
CHLORID RTUTNATY (Czech) see: OV9100000
CHLORID TRIBENZYLCINICITY (Czech) see: WH6800000
CHLORID TRI-n-BUTYLCINICITY (Czech) see: WH6d20000
CHLORIDUM see: KH7525000
CHLORIDYN see: UV8140000
CHLORIERTE BIPHENYLE, CHLORGEHALT 42% (German) see: TQ1356000
CHLORIERTE BIPHENYLE, CHLORGEHALT 54% (German) see: TQ1360000
CHLOR-IFC see: FD8050000
CHLORILEN see: KX4550000
CHLORIMIPRAMINE see: HN9050000
CHLORIMIPRAMINE HYDROCHLORIDE see: HN9055000
CHLORINAT see: FD7700000
CHLORINATED BIPHENYL see: TQ1350000
CHLORINATED CAMPHENE see: XW5250000
CHLORINATED DIPHENYL see: TQ1350000
CHLORINATED DIPHENYLENE see: TQ1350000
CHLORINATED DIPHENYL OXIDE see: KO4200000
CHLORINATED HYDROCHLORIC ETHER see: KI0175000
CHLORINATED LIME see: NH3485000
CHLORINATED LIME (DOT) see: NH3485000
CHLORINATED PARAFFINS see: RV0450000
CHLORINATED POLYETHER POLYURETHAN see: TR8050000
CHLORINATED TRISODIUM PHOSPHATE see: TC9550000
CHLORINDAN see: PB9800000
(5-CHLOR-3-INDOLYL)-(4-PIPERIDYL-METHYL)-KETON HYDROCHLORID (German) see: OB1598500

FO2100000 CHLORINE

UPDT:8408 CAS: 7782-50-5 MW: 70.90 MOLFM: Cl2

BEST COPY AVAILABLE

SYN: BERTHOLITE * CHLOOR (Dutch) * CHLOR (German) * CHLORE (French) * CHLORINE (DOT) * CHLORINE MOL * CLORO (Italian) * MOLECULAR CHLORINE * UN 1017 (DOT)

MUTATION DATA AND REFERENCES:

	cyt-hmn:lym 20 ppm	CBINAB 6,375,73

TOXICITY DATA AND REFERENCES:

3J02J16J06	ihl-hmn LCLo:873 ppm/30M	28ZOAH -,150,37
	ihl-rat LC50:293 ppm/1H	NTIS** PB214-270
	ihl-mus LC50:137 ppm/1H	NTIS** PB214-270
3F18K13J22	ihl-dog LCLo:800 ppm/30M	JPETAB 14,65,19
	ihl-cat LCLo:660 ppm/4H	AHYGAJ 7,233,1887
	ihl-rbt LDLo:660 ppm/4H	AHYGAJ 7,233,1887
	ihl-gpg LCLo:330 ppm/7H	AHYGAJ 7,233,1887
	ihl-mam LCLo:500 ppm/5M	AEPPAE 138,65,28

REVIEW AND REFERENCES:

★ TLV-TWA 1 ppm; STEL 3 ppm — DTLVS* 4,80,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air-Cl 1 ppm (SCP-V) — FEREAC 43,57601,78
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS AND POISON — CFRGBR 49,172.101,82
★ DOT-IMO:POISON A; LABEL:POISON GAS — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHLORINE recm std-air-Cl 0.5 ppm/15M — NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1182-0466;8EHQ-1279-0322;8EHQ-1279-0329; 8EHQ-0578-0146;8EHQ-0678-0183
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FO2150000 CHLORINE AZIDE

UPDT:8308 CAS: 13973-88-1 MW: 77.48 MOLFM: Cl-N3
SYN: CHLORIDE AZIDE (DOT) * NITROGEN CHLORIDE

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

CHLORINE CYANIDE see: GT2275000
CHLORINE DIOXIDE see: FO3000000
CHLORINE DIOXIDE HYDRATE, FROZEN (DOT) see: FN9750000
CHLORINE (DOT) see: FO2100000

FO2800000 CHLORINE FLUORIDE

UPDT:8312 CAS: 7790-91-2 MW: 92.45 MOLFM: Cl-F3
SYN: CHLORINE TRIFLUORIDE * CHLORINE TRIFLUORIDE (DOT) * CHLOROTRIFLUORIDE * TRIFLUORURE DE CHLORE (French) * UN 1749 (DOT)

IRRITATION DATA AND REFERENCES:

	eye-rat 21 ppm/12H-I	AMIHAB 12,515,55
	eye-dog 21 ppm/12H-I	AMIHAB 12,515,55

TOXICITY DATA AND REFERENCES:

	ihl-rat LCLo:400 ppm/30M	TXAPA9 27,527,74
2J16J24	ihl-mus LC50:178 ppm/1H	AMRL** TR-70-77-70
3F18J16J24	ihl-mky LC50:230 ppm/1H	AMRL** TR-70-77-70

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: TXAPA9 27,527,74
★ TLV-CL 100 ppb — DTLVS* 4,81,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air-Cl 0.1 ppm (SCP-Q) — FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER AND POISON — CFRGBR 49,172.101,82
★ DOT-IMO:POISON A; LABEL:OXIDIZER, POISON, CORROSIVE — CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

FO2975000 CHLORINE FLUORIDE (ClF5)

UPDT:8312 CAS: 13637-63-3 MW: 130.45 MOLFM: Cl-F5
SYN: CHLORINE PENTAFLUORIDE * CHLORINE PENTAFLUORIDE (DOT) * UN 2548 (DOT)

TOXICITY DATA AND REFERENCES:

3D17K01D26	ihl-rat LC50:122 ppm/1H	AIHAAP 33,661,72
3D17K01D26	ihl-mus LC50:57 ppm/1H	AIHAAP 33,661,72
3K13J22D26	ihl-dog LC50:122 ppm/1H	AIHAAP 33,661,72
2K13J22	ihl-mky LC50:173 ppm/1H	AIHAAP 33,661,72

REVIEW AND REFERENCES:

★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air-TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ DOT-IMO:POISON A; LABEL:OXIDIZER, POISON, CORROSIVE — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air-TWA 2.5 mg(F)/m3 — NTIS**

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHLORINE FLUORIDE OXIDE see: SD1925000
CHLORINE MOL see: FO2100000
CHLORINE NITRIDE see: QW9740000

FO3000000 CHLORINE OXIDE

UPDT:8411 CAS: 10049-04-4 MW: 67.45 MOLFM: Cl-O2
SYN: ANTHRUM DIOXIDE * CHLORINE DIOXIDE * CHLORINE(IV) OXIDE * CHLORINE PEROXIDE * CHLOROPEROXYL * CHLORYL RADICAL * DIOXIDE 50

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81	orl-mus TDLo:840 mg/kg (1-21D preg/21D post)	EVHPAZ 46,31,82

TOXICITY DATA AND REFERENCES:

	ihl-rat LCLo:500 ppm/15M	TXAPA9 27,527,74
	unk-rat LD50:140 mg/kg	GISAAA 36(11),18,71

REVIEW AND REFERENCES:

★ TLV-TWA 100 ppb; STEL 300 ppb — DTLVS* 4,81,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air-TWA 0.1 ppm (SCP-Q) — FEREAC 39,23540,74
★ DOT-HAZARD:FORBIDDEN, not hydrated — CFRGBR 49,172.101,82
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER, hydrated — CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHLORINE(IV) OXIDE see: FO3000000
CHLORINE OXYFLUORIDE see: SD1925000
CHLORINE PENTAFLUORIDE see: FO2975000
CHLORINE PENTAFLUORIDE (DOT) see: FO2975000
CHLORINE PEROXIDE see: FO3000000
CHLORINE SULFIDE (Cl2S2) see: WS4500000
CHLORINE TRIFLUORIDE see: FO2800000
CHLORINE TRIFLUORIDE (DOT) see: FO2800000
CHLOX-IPC see: FD8050000
CHLORISONDAMINE see: NR3675000
CHLORISONDAMINE CHLORIDE see: NR3675000
CHLORISONDAMINE DIMETHOCHLORIDE see: NR3675000
CHLOR KIL see: PB9800900
CHLORMADINON see: TU3730000
CHLORMADINON ACETATE see: TU3750000
CHLORMADINONE see: TU3730000
CHLORMADINONE ACETATE see: TU3750000
CHLORMADINONE ACETATE mixed with MESTRANOL see: TU3775000
CHLORMADINONE and MESTRANOL see: RC8960050
CHLORMADINONU (Polish) see: TU3750000
CHLORMENE see: US6475000
CHLORMEPHOS see: TD5170000
CHLORMEQUAT see: BP5250000
CHLORMEQUAT CHLORIDE see: BP5250000
CHLORMERODRIN see: OW1050000
CHLORMERODRINE see: OW1050000
CHLORMEROPRIN see: OW1050000
CHLOR-METHAN (German) see: PA6300000
CHLORMETHAZANONE see: XJ1050000
CHLORMETHAZONE see: XJ1050000
CHLORMETHINE see: IA1750000
CHLORMETHINE-N-OXIDE HYDROCHLORIDE see: IA2275000
5-CHLOR-2-METHOXY-3-AETHYLBENZYLALKOHOL (German) see: DN9266000
N'-(3-CHLOR-4-METHOXY-PHENYL)-N,N-DIMETHYLHARNSTOFF (German) see: YS5775000
6-CHLOR-alpha-METHYL-CARBAZOL-2-ESSIGSAEURE (German) see: FE3170000
9H-CARBAZOLE-2-ACETICACID, 6-CHLORO-alpha-METHYL-
6-CHLOR-delta(sup 6)-1,2-alpha-METHYLEN-17-alpha-HYDROXYPROGESTERON (German) see: GZ2228000
6-CHLOR-delta(sup 6)-1,2-alpha-METHYLEN-17-alpha-HYDROXYPROGESTERONACETAT (German) see: GZ2230000
alpha-(CHLORMETHYL)-2-METHYL-5-NITRO-IMIDAZOL-1-AETHANOL (German) see: NI5460000
4-(4-CHLOR-2-METHYLPHENOXY)-BUETTERSAEURE (German) see: ES8575000
4-(4-CHLOR-2-METHYL-PHENOXY)-BUTTERSAEURE (German) see: ES8575000
4-(4-CHLOR-2-METHYL-PHENOXY)-BUTTERSAEURE NATRIUMSALZ (German) see: ES8750000
2-(4-CHLOR-2-METHYL-PHENOXY)-PROPIONSAEURE (German) see: UE9750000
3-CHLOR-2-METHYL-PROP-1-EN (German) see: UC8050000
CHLORMEZANONE see: XJ1050000
CHLORMITE see: DD2450000
CHLORNAFTINA see: QM2450000
CHLORNAPHAZIN see: QM2450000
CHLORNAPHAZINE see: QM2450000
alpha-CHLORNAPHTHALENE see: QJ2100000
CHLORNAPHTHIN see: QM2450000
1-CHLOR-4-NITROBENZOL (German) see: CZ1050000
CHLORNITROFEN see: KO2700000
O-(3-CHLOR-4-NITRO-PHENYL)-O,O-DIMETHYL-MONOTHIOPHOSPHAT (German) see: TE8050000
O-(4-CHLOR-3-NITRO-PHENYL)-O,O-DIMETHYL-MONOTHIOPHOSPHAT (German) see: TE7875000
CHLOROACETALDEHYDE see: AB2450000
2-CHLOROACETALDEHYDE see: AB2450000
CHLOROACETALDEHYDE (DOT) see: AB2450000
CHLOROACETALDEHYDE MONOMER see: AB2450000
CHLOROACETALDEHYDE MONOMER-DIMER HYDRATES see: AB2617000
CHLOROACETALDEHYDE TRIMER see: AB2660000
4'-CHLORO-trans-4-ACETAMIDOSTILBENE see: AE1800000
CHLOROACETANILIDE see: AE1000000
alpha-CHLOROACETANILIDE see: AE1000000
2-CHLOROACETANILIDE see: AE1000000
4-CHLOROACETANILIDE see: AE1001000
4'-CHLOROACETANILIDE see: AE1001000
2-CHLOROACETANISIDIDE see: AE8293000
CHLOROACETIC ACID see: AF8575000
alpha-CHLOROACETIC ACID see: AF8575000
CHLOROACETIC ACID CHLORIDE see: AO6475000
CHLOROACETIC ACID 4-CHLORO-2-ETHYLPHENYL ESTER see: AF8797000
CHLOROACETIC ACID, liquid (DOT) see: AF8575000
CHLOROACETIC ACID, solution (DOT) see: AF8575000
CHLOROACETIC ACID, ETHYL ESTER see: AF9110000
CHLOROACETIC ACID ISOPROPYL ESTER see: AF9300000
CHLOROACETIC ACID SODIUM SALT see: AG1400000
CHLOROACETIC ACID, SOLID (DOT) see: AF8575000
CHLOROACETIC ACID compd with 1-TETRADECANAMINE (1:1) see: AG5830000
CHLOROACETIC CHLORIDE see: AO6475000
CHLOROACETONE see: UC0700000
CHLOROACETONITRILE see: AL8225000
alpha-CHLOROACETONITRILE see: AL8225000
2-CHLOROACETONITRILE see: AL8225000
CHLOROACETONITRILE (DOT) see: AL8225000
alpha-CHLOROACETOPHENONE see: AM6300000
omega-CHLOROACETOPHENONE see: AM6300000
p-CHLOROACETOPHENONE see: KM5600000
1-CHLOROACETOPHENONE see: AM6300000
2-CHLOROACETOPHENONE see: AM6300000
4-CHLOROACETOPHENONE see: KM5600000
CHLOROACETOPHENONE (DOT) see: AM6300000
CHLOROACETOPHENONE, gas, liquid or solid (DOT) see: AM6300000
CHLOROACETOPROPYL ACETATE see: SAB146500
2-PENTANONE, 3-CHLORO-5-HYDROXY-, ACETATE
2-CHLORO-10-(3-(4-(2-ACETOXYETHYL)PIPERAZINYL)PROPYL)PHENOTHIAZINE see: TL7350000
6-CHLORO-17-alpha-ACETOXY-4,6-PREGNADIENE-3,20-DIONE see: TU3750000
3-beta-CHLORO-17-alpha,a-ACETOXY-delta(sup 5)-PREGNENE-20-ONE see: TU5544500
6-alpha-CHLORO-11-ACETOXYPROGESTERONE see: TU5010300
6-CHLORO-delta(sup 6)-17-ACETOXYPROGESTERONE see: TU3750000
6-CHLORO-delta(sup 6)-(17-alpha)ACETOXYPROGESTERONE see: TU3750000
delta(sup 6)-6-CHLORO-17-alpha-ACETOXYPROGESTERONE see: TU3750000
(CHLOROACETOXY)TRIBUTYLSTANNANE see: WM6795000
4'-CHLOROACETYL (ACETANILIDE) see: AE1050000
CHLOROACETYL CHLORIDE see: AO6475000
CHLOROACETYL CHLORIDE (DOT) see: AO6475000
N-CHLOROACETYL-N-(2,6-DIETHYLPHENYL)GLYCINE ETHYL ESTER see: MB9200000
1-CHLOROACETYL-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL see: OB1598000
S-CHLOROACETYL-2-MERCAPTOETHYLAMINE HYDROCHLORIDE see: AG1475000
1-N-(alpha-(CHLOROACETYL)PHENETHYL)-p-TOLUENESULFONAMIDE see: XY5613500
N-(CHLOROACETYL)-3-PHENYL-N-(p-TOLYLSULFONYL)ALANINE see: AY4345000
O-CHLOROACETYLSALICYLIC ACID see: VO2100000
CHLOROACIZIN see: SN7800000
CHLOROACIZINE see: SN7800000
4'-(1-CHLORO-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0512076
4'-(2-CHLORO-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0512080
4'-(3-CHLORO-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0512090
beta-CHLOROACROLEIN see: AS1130000
3-CHLOROACROLEIN see: AS1130000
2-CHLOROACRYLIC ACID ETHYL ESTER see: AS6140000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

cis-beta-CHLOROACRYLIC ACID SODIUM SALT see: AS6475000
3-CHLORO-1-ACRYLONAPHTHONE see: AT5243000
3-CHLORO-1',1'-ACRYLONAPHTHONE see: AT5243000
CHLOROACYZIN see: SN7800000
2-CHLOROADENOSINE see: AU7357550
2-CHLOROADENOSINE 5'-SULFAMATE see: AU7357570
CHLOROAETHAN (German) see: KH7525000
alpha-CHLOROALLYL CHLORIDE see: UC8310000
gamma-CHLOROALLYL CHLORIDE see: UC8310000
2-CHLOROALLYL DIETHYLDITHIOCARBAMATE see: EZ5075000
2-CHLOROALLYL N,N-DIETHYLDITHIOCARBAMATE see: EZ5075000
2-CHLOROALLYLIDENE, 3,3-DIACETATE see: UC8924000
CHLOROALONIL see: NT2600000
CHLOROALOSANE see: FM9450000
CHLOROAMINE see: FN0275000
3-CHLORO-4-AMINOANILINE see: SS8925000
3-CHLORO-4-AMINOANILINE SULFATE see: SS9000000
2-CHLORO-4-AMINOBENZOIC ACID see: DG1575000
2'-CHLORO-4-AMINOBIPHENYL ETHER see: CX9858800
3'-CHLORO-4-AMINOBIPHENYL ETHER see: CX9858900
4'-CHLORO-4-AMINOBIPHENYL ETHER see: BX1770000
3-CHLORO-4-AMINODIPHENYL see: DU9000000
4-CHLORO-4'-AMINODIPHENYL ETHER see: BX1770000
2-CHLORO-3-AMINO-1,4-NAPHTHOQUINONE see: QL7350000
p-CHLORO-o-AMINOPHENOL see: SJ5700000
3-CHLORO-4-AMINOSTILBENE see: WJ3600000
2-CHLORO-4-AMINOTOLUENE see: XU5111000
4-CHLORO-2-AMINOTOLUENE see: XU5075000
5-CHLORO-2-AMINOTOLUENE see: XU5000000
5-CHLORO-2-AMINOTOLUENE HYDROCHLORIDE see: XU5250000
CHLOROAMITRIPTYLINE HYDROCHLORIDE see: HO8925000
CHLOROAMPHENICOL see: AB6825000
2-alpha-CHLORO-5-alpha-ANDROSTANE-3,17-DIONE 3-(O-(p-NITROPHENYL)OXIME) see: BV8044360
m-CHLOROANILINE see: BX0350000
o-CHLOROANILINE see: BX0525000
p-CHLOROANILINE see: BX0700000
2-CHLOROANILINE see: BX0525000
3-CHLOROANILINE see: BX0350000
4-CHLOROANILINE see: BX0700000
m-CHLOROANILINE, liquid (DOT) see: BX0350000
m-CHLOROANILINE, solid (DOT) see: BX0350000
o-CHLOROANILINE, liquid (DOT) see: BX0525000
o-CHLOROANILINE, solid (DOT) see: BX0525000
p-CHLOROANILINE, liquid (DOT) see: BX0700000
p-CHLOROANILINE, solid (DOT) see: BX0700000
(o-CHLOROANILINO)DICHLOROTRIAZINE see: XY7175000
2-(p-CHLOROANILINO)-N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYLACETAMIDE see: AB5079000
3-(p-CHLOROANILINO)-N-(2-(DIMETHYLAMINO)ETHYL)-2-PHENYLACETAMIDE see: AB5079300
2-(m-CHLOROANILINO)-N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYLACETAMIDE MALEATE see: AB5079050
2-(p-CHLOROANILINO)-N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYLACETAMIDE MALEATE see: AB5079060
1-((2-(o-CHLOROANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE see: UA8945000
2-((m-CHLOROANILINO)METHYL)-6,7-DIMETHOXY-1-(3-INDOLYLMETHYL)-1,2,3,4-TETRAHYDROISOQUINOLINE see: NX4919200
1-((p-(2-(CHLORO-o-ANISAMIDO)ETHYL)PHENYL)SULFONYL)-3-CYCLOHEXYL UREA see: YS4725200
p-CHLORO-o-ANISIDINE (DOT) see: BZ6255000
CHLOROARSENOL see: MJ8900000
21-CHLORO-17-AZA-D-HOMOPREGN-4-EN-3,20-DIONE see: CL8020000
N-CHLOROAZIRIDINE see: KX5250000
CHLOROBEN see: CZ4500000
CHLOROBENZAL see: CZ5075000
alpha-CHLOROBENZALDEHYDE see: DM6600000
(o-CHLOROBENZAL)MALONONITRILE see: OO3675000
2-CHLOROBENZALMALONONITRILE see: OO3675000
10-CHLORO-1,2-BENZANTHRACENE see: CW0950000
CHLOROBENZEN (Polish) see: CZ0175000
3-CHLOROBENZENAMINE see: BX0350000
4-CHLOROBENZENAMINE see: BX0700000
CHLOROBENZENE see: CZ0175000
4-CHLOROBENZENEACETIC ACID see: AG0590000
4-CHLORO-1,3-BENZENEDIAMINE see: SS8800000
2-CHLORO-1,4-BENZENEDIAMINE SULFATE see: SS9000000
CHLOROBENZENE (DOT) see: CZ0175000
(CHLORO-4 BENZENE SULFONAMIDO)-2 tert-BUTYL-5 THIADIAZOL-1,3,4 (French) see: DB1295000
4-CHLOROBENZENESULFONATE DE 4-CHLOROPHENYLE (French) see: DB5250000
p-CHLOROBENZENESULFONIC ACID, p-CHLOROPHENYL ESTER see: DB5250000
N-(4-CHLOROBENZENESULFONYL)ERYTHROMYCYLAMINE see: KF4660000
N-(p-CHLOROBENZENESULFONYL)-N'-PROPYLUREA see: YS6650000
1-(p-CHLOROBENZENESULFONYL)-3-PROPYLUREA see: YS6650000
4-CHLOROBENZENETHIOL see: DC1050000
1-(p-CHLOROBENZHYDRYL)-4-(p-t-BUTYLBENZYL)DIETHYLENEDIAMINE DIHYDROCHLORIDE see: TL0280000
1-p-CHLOROBENZHYDRYL-4-p-(t)-BUTYLBENZYLPIPERAZINE DIHYDROCHLORIDE see: TL0280000
1-(p-CHLOROBENZHYDRYL)-4-(2-(2-HYDROXYETHOXY)ETHYL)DIETHYLENEDIAMINE see: KK2275000
1-(p-CHLOROBENZHYDRYL)-4-(2-(2-HYDROXYETHOXY)ETHYL)DIETHYLENEDIAMINE HYDROCHLORIDE see: KK2350000
N-(4-CHLOROBENZHYDRYL)-N'-(HYDROXYETHOXYETHYL)PIPERAZINE see: KK2275000
1-(p-CHLOROBENZHYDRYL)-4-(2-(2-HYDROXYETHOXY)ETHYL)PIPERAZINE see: KK2275000
1-(p-CHLOROBENZHYDRYL)-4-(m-METHYLBENZYL)DIETHYLENEDIAMINE see: TL1970000
1-p-CHLOROBENZHYDRYL-4-m-METHYLBENZYLPIPERAZINE see: TL1970000
1-(4-CHLOROBENZHYDRYL)-4-METHYLPIPERAZINE see: TL1925000
1-(4-CHLOROBENZHYDRYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE see: TL2100000
1-(p-CHLOROBENZHYDRYL)-4-METHYLPIPERAZINE HYDROCHLORIDE see: TL2200000
CHLOROBENZILATE see: DD2275000
2-CHLOROBENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DL9900000
m-CHLOROBENZOIC ACID trans-AZOXYDIMETHYLENE ESTER see: DG4976600
2-CHLOROBENZOIC ACID 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER conjugate monoacid see: DG4976800 BENZOIC ACID, 2-CHLORO-, 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER, conjugatemonoacide
p-CHLOROBENZOIC ACID IMIDAZOL-4-YLMETHYL ESTER HYDROCHLORIDE see: DG5065000
CHLOROBENZOL (DOT) see: CZ0175000
6-CHLORO-2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE see: DK9450000
N-(6-CHLORO-2-BENZOTHIAZOLYL)-N',N'-DIMETHYL-N-(p-METHOXYBENZYL)ETHYLENEDIAMINE FUMARATE see: KV2894000
m-CHLOROBENZOTRIFLUORIDE see: XS9143000
o-CHLOROBENZOTRIFLUORIDE see: XS9144000
p-CHLOROBENZOTRIFLUORIDE see: XS9145000
2-CHLOROBENZOTRIFLUORIDE see: XS9144000
3-CHLOROBENZOTRIFLUORIDE see: XS9143000
m-CHLOROBENZOTRIFLUORIDE (DOT) see: XS9143000
o-CHLOROBENZOTRIFLUORIDE (DOT) see: XS9144000
p-CHLOROBENZOTRIFLUORIDE (DOT) see: XS9145000
5-CHLORO-2-BENZOXAZOLAMINE see: DM4550000
5-CHLOROBENZOXAZOLIDONE see: DM5250000
5-CHLORO-2-BENZOXAZOLINONE see: DM5250000
6-CHLORO-2-BENZOXAZOLINONE see: DM5250000
5-CHLOROBENZOXAZOL-2-ONE see: DM5250000
5-CHLORO-3(H)-2-BENZOXAZOLONE see: DM5250000
2-((4-CHLOROBENZOYL)AMINO)-ISOQUINOLINIUM CHLORIDE see: NX5136000
N-(p-CHLOROBENZOYL)-gamma-(p-ANISIDINO)BUTYRIC ACID see: ES8352000 BUTYRIC ACID, 4-(p-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDO)-
3-(p-CHLOROBENZOYL)-6-CHLORO-alpha,2-DIMETHYL-1-INDOLEACETIC ACID see: NL3400000
2-o-CHLOROBENZOYL-4-CHLORO-N-METHYL-N(sup alpha)-GLYCYLGLYCINANILIDE HYDRATE see: AD8227000
N-(p-CHLOROBENZOYL)-N-(3,4-DIMETHOXYPHENYL)NORLEUCINE see: RC6309200 NORLEUCINE, N-(p-CHLOROBENZOYL)-N-(3,4-DIMETHOXYPHENYL)
5-(4-CHLOROBENZOYL)-1,4-DIMETHYL-1H-PYRROLE-2-ACETIC ACID SODIUM SALT DIHYDRATE see: UX9277000
m-CHLOROBENZOYL HYDROPEROXIDE see: SD9470000
1-(4-CHLOROBENZOYL)-N-HYDROXY-5-METHOXY-2-METHYL-1H-INDOLE-3-ACETAMIDE see: NL3668500
1-(p-CHLOROBENZOYL)-5-METHOXY-2-METHYLINDOLE-3-ACETIC ACID see: NL3500000
1-(4-CHLOROBENZOYL)-5-METHOXY-2-METHYL-1H-INDOLE-3-ACETIC ACID CARBOXYMETHYL ESTER see: NL3521400
1-(p-CHLOROBENZOYL)-5-METHOXY-2-METHYLINDOLE-3-ACETOHYDROXAMIC ACID see: NL3668500
(1-p-CHLOROBENZOYL-5-METHOXY-2-METHYLINDOL-3-YL)ACETIC ACID see: NL3500000
1-(p-CHLOROBENZOYL)-5-METHOXY-2-METHYL-3-INDOLYLACETOHYDROXAMIC ACID see: NL3668500
((1-(4-CHLOROBENZOYL)-5-METHOXY-2-METHYLINDOL-3-YL)ACETOXY)ACETIC ACID see: NL3521400
4-((4-CHLOROBENZOYL)(4-METHOXYPHENYL)AMINO)BUTANOIC ACID see: ES8352000 BUTYRIC ACID, 4-(p-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDO)-
1-(p-CHLOROBENZOYL)-2-METHYL-5-METHOXYINDOLE-3-ACETIC ACID see: NL3500000
1-(p-CHLOROBENZOYL)-2-METHYL-5-METHOXY-3-INDOLE-ACETIC ACID see: NL3500000
alpha-(1-(p-CHLOROBENZOYL)-2-METHYL-5-METHOXY-3-INDOLYL)ACETIC ACID see: NL3500000
2-(p-CHLOROBENZOYL)-1-(2-MORPHOLINOETHYL)PYRROLE MONOHYDROCHLORIDE see: OB1635000
p-CHLOROBENZOYL PEROXIDE see: SD7875000
p-CHLOROBENZOYL PEROXIDE (DOT) see: SD7875000
p-CHLOROBENZOYL PEROXIDE, not more than 52% as a paste (DOT) see: SD7877000
p-CHLOROBENZOYL PEROXIDE, not more than 52% in solution (DOT) see: SD7877000
p-CHLOROBENZOYL PEROXIDE, not more than 75% with water (DOT) see: SD7875000
2-(4-(4-CHLOROBENZOYL)PHENOXY)-2-METHYLPROPANOIC ACID see: UA2453000
1-(4-CHLOROBENZOYL)-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE see: NL6019400
1-(4-CHLOROBENZOYL)-2-PHENYL-3-(1H-TETRAZOL-5-YLTHIO)-1H-INDOLE see: NL6019410
N-(p-CHLOROBENZOYL)-N-2,6-XYLYL-beta-ALANINE see: AY4346000 beta-ALANINE, N-(p-CHLOROBENZOYL)-N-2,6-XYLYL-
N-(p-CHLOROBENZOYL)-N-(2,6-XYLYL)NORLEUCINE see: RC6309300 NORLEUCINE, N-(p-CHLOROBENZOYL)-N-(2,6-XYLYL)-
CHLOROBENZYLATE see: DD2275000
1-(o-CHLOROBENZYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1177000
1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(DECYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4702000
1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(ETHOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4703000
1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(HEPTYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4704000
1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(HEXYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4705000
1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(METHOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4706000
1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(NONYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4708000
1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(OCTYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4710000
1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(PENTOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4712000
1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(PROPOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4714000
p-CHLOROBENZYL CHLORIDE (DOT) see: XT0720000
3-(p-CHLOROBENZYL)-1-(m-CHLOROPHENYL)-3-METHYLTRIAZENE see: XX9640000
p-CHLOROBENZYL p-CHLOROPHENYL SULFIDE see: WQ2975000
p-CHLOROBENZYL p-CHLOROPHENYL SULPHIDE see: WQ2975000
4-CHLOROBENZYL 4-CHLOROPHENYL SULPHIDE see: WQ2975000
2-p-CHLOROBENZYLCYCLOHEXANONE see: GW1234000
1-(o-CHLOROBENZYL)-alpha-((DI-sec-BUTYLAMINO)METHYL)PYRROLE-2-METHANOL see: UX9635500
alpha-(p-CHLOROBENZYL)-4-DIETHYLAMINOETHOXY-4'-METHYLBENZHYDROL see: KK2400000
N-(o-CHLOROBENZYL)-2-(DIETHYLAMINO)-2-PHENYLACETAMIDE HYDROCHLORIDE see: AB5089200
N-(p-CHLOROBENZYL)-2-(DIETHYLAMINO)-2-PHENYLACETAMIDE HYDROCHLORIDE see: AB5089210
S-(4-CHLOROBENZYL) N,N-DIETHYLTHIOCARBAMATE see: EZ7260000
S-(2-CHLOROBENZYL)-N,N-DIETHYLTHIOLCARBAMATE see: EZ7259400
1-p-CHLOROBENZYL-4-((3,4-DIHYDROXYPHENYL)ACETYL)PIPERAZINE DIHYDROCHLORIDE see: TL1505000
2-(p-CHLOROBENZYL)-6,7-DIMETHOXY-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE see: NX4919420
4-((p-CHLOROBENZYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)QUINAZOLINE see: VA1362000
2-(p-CHLOROBENZYL)-3-DIMETHYLAMINOMETHYL-2-BUTANOL HYDROCHLORIDE see: DA0500000
N-(p-CHLOROBENZYL)-N',N'-DIMETHYL-N-(6-METHOXY-2-BENZOTHIAZOLYL)ETHYLENEDIAMINE FUMARATE see: KV2901000
(+)-N-(o-CHLOROBENZYL)-N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH0683000
(+)-N-(p-CHLOROBENZYL)-N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH0683300
N-(2-((p-CHLOROBENZYL)DITHIO)ETHYL)DECYLAMINE HYDROCHLORIDE see: HE5078500
N-3'-CHLOROBENZYL-N'-ETHYLUREA see: YS4726500
1-(p-CHLOROBENZYL)-5-FLUORO-URACIL see: YQ9411500
p-CHLOROBENZYL-3-HYDROXYCROTONATE DIMETHYL PHOSPHATE see: GQ4375000
2-((p-CHLOROBENZYLIDENE)AMINO)-4-(p-CHLOROPHENYL)THIAZOLE-5-ACETIC ACID METHYL ESTER see: XJ1798000
o-CHLOROBENZYLIDENE MALONITRILE see: OO3675000
2-CHLOROBENZYLIDENE MALONONITRILE see: OO3675000
N(sup 2)-(CHLOROBENZYLIDENE)-6-NITRO-N(sup 1)-PHENYL-o-PHENYLENEDIAMINE see: SS8943000
1-p-CHLOROBENZYL-1H-INDAZOLE-3-CARBOXYLIC ACID see: NK7885000
1-(4-CHLOROBENZYL)-1H-INDAZOLE-3-CARBOXYLIC ACID see: NK7885000
o-CHLOROBENZYLMALONONITRILE see: OO3666000
3-(p-CHLOROBENZYL)-6-METHOXY-2-METHYL-1-INDOLEACETIC ACID see: NL3490000
(-)-N-(o-CHLOROBENZYL)-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH0683700
(-)-N-(p-CHLOROBENZYL)-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH0684000
N-p-CHLOROBENZYL-alpha-METHYL-beta-PHENYLPHENETHYLAMINE HYDROCHLORIDE see: SH0684500

BEST COPY AVAILABLE

p-(3-(p-CHLOROBENZYL)-3-METHYL-1-TRIAZENO)BENZOIC ACID see: DG4977000
p-(3-(p-CHLOROBENZYL)-3-METHYL-1-TRIAZENO)BENZONITRILE see: DI2980000
o-CHLOROBENZYLOMALONYLONITRYL (Polish) see: OO3660000
1-(p-CHLOROBENZYLOXYCARBONYL)-1-PROPEN-2-YL-DIMETHYLPHOSPHATE see: GQ4375000
1-(1-(2-((3-CHLOROBENZYL)OXY)PHENYL)VINYL)-1H-IMIDAZOLE HYDROCHLORIDE see: NI4376800
N-(p-CHLOROBENZYL)-alpha-PHENYL-1-PIPERIDINEACETAMIDE HYDROCHLORIDE see: TM3505110
N-((4-(p-CHLOROBENZYL)-1-PIPERAZINYL)METHYL)PHTHALIMIDE see: TI4265000
N-((4-(p-CHLOROBENZYL)-1-PIPERAZINYL)METHYL)SUCCINIMIDE see: WN2420000
2-((1-(p-CHLOROBENZYL)-4-PIPERIDYL)AMINO)PYRIMIDINE see: UV7895000
1-(p-CHLOROBENZYL)-2-(1-PYRROLIDINYLMETHYL)BENZIMIDAZOLE HYDROCHLORIDE see: DD6730000
1-(alpha-(N-o-CHLOROBENZYL)PYRRYL)-2-DI-sec-BUTYLAMINOETHANOL see: UX9635500
3-(p-CHLOROBENZYL)QUINOLIZIDINE TARTRATE see: VC8424000
5-(o-CHLOROBENZYL)-4,5,6,7-TETRAHYDROTHIENO(3,2-c)PYRIDINE HYDROCHLORIDE see: XJ9089100
7-CHLOROBICYCLO(3.2.0)HEPTA-2,6-DIEN-6-YL DIMETHYL PHOSPHATE see: TB8545000
CHLOROBIPHENYL see: DV2063000
CHLORO BIPHENYL see: TQ1350000
CHLORO 1,1-BIPHENYL see: TQ1350000
2-CHLORO-1,1'-BIPHENYL see: DV2065000
3-CHLOROBIPHENYLAMINE see: DU9000000
CHLOROBIS(CHLOROMETHYL)ARSINE see: CG9275000
6-CHLORO-delta(sup 1,6)-BIS-DEHYDRO-17-alpha-ACETOXYPROGESTERONE see: TU4521000
2-CHLORO-4,6-BIS(DIETHYLAMINO)-s-TRIAZINE see: XY5075000
1-CHLORO, 3,5-BISETHYLAMINO-2,4,6-TRIAZINE see: XY5250000
2-CHLORO-4,6-BIS(ETHYLAMINO)-s-TRIAZINE see: XY5250000
2-CHLORO-4,6-BIS(ETHYLAMINO)-1,3,5-TRIAZINE see: XY5250000
4-CHLORO-2,6-BIS-ETHYLENEIMINO-5-PHENYLPYRIMIDINE see: UV7071000
4-CHLORO-2,6-BIS-ETHYLENEIMINOPYRIMIDINE see: UV7065000
2-CHLORO-4,6-BIS-ETHYLENEIMINO-1,3,5-TRIAZINE see: XY3322000
2-CHLORO-4,6-BIS(ISOPROPYLAMINO)-s-TRIAZINE see: XY5300000
6-CHLORO-N,N'-BIS(1-METHYLETHYL)-1,3,5-TRIAZINE-2,4-DIAMINE see: XY5300000
CHLOROELE M see: OP0700000
2-CHLOROBMN see: OO3675000
sym-CHLOROBROMOETHANE see: KH6500000
1-CHLORO-2-BROMOETHANE see: KH6500000
CHLOROBROMOMETHANE see: PA5250000
4-CHLORO-7-BROMOMETHYLBENZ(a)ANTHRACENE see: CW0400000
omega-CHLOROBROMOPROPANE see: TX4113000
1-CHLORO-3-BROMOPROPANE (DOT) see: TX4113000
trans-CHLORO(2-(3-BROMOPROPIONAMIDO)CYCLOHEXYL)MERCURY see: OV9400000
CHLOROBUTADIENE see: EI9625000
1-CHLOROBUTADIENE see: EI9623000
1-CHLORO-1,3-BUTADIENE see: EI9623000
2-CHLOROBUTA-1,3-DIENE see: EI9625000
2-CHLORO-1,3-BUTADIENE see: EI9625000
2-CHLORO-1,3-BUTADIENE HOMOPOLYMER (9CI) see: EI9660000
CHLOROBUTADIENE POLYMER see: EI9660000
2-CHLORO-1,3-BUTADIENE POLYMER see: EI9660000
1-CHLOROBUTANE see: EJ6300000
2-CHLOROBUTANE see: EJ6475000
1-CHLOROBUTANE (DOT) see: EJ6300000
2-CHLOROBUTANE (DOT) see: EJ6475000
4-CHLORO-1-BUTANE-OL see: EL1325000
3-CHLOROBUTANOIC ACID see: ES8137500
CHLOROBUTANOL see: UC0175000
4-CHLOROBUTANOL see: EL1325000
4-CHLORO-1-BUTANOL see: EL1325000
CHLOROBUTANOL, ANHYDROUS see: UC0175000
1-CHLORO-2-BUTENE see: EM4264000
3-CHLORO-1-BUTENE see: EM4261000
CHLOROBUTIN see: ES7525000
CHLOROBUTINE see: ES7525000
o-CHLORO-alpha-((tert-BUTYLAMINO)METHYL)BENZYLALCOHOL HYDROCHLORIDE see: DN8785000
BENZYLALCOHOL, alpha-(tert-BUTYLAMINO)METHYL-2-CHLORO-, HYDROCHLORIDE
alpha-(4-CHLOROBUTYL)-alpha-(2-(DIMETHYLAMINO)ETHYL)-2-THIOPHENEACETONITRILE HYDROCHLORIDE see: XM7642000
5-(4-CHLOROBUTYL)-4-METHYLTHIAZOLE 1,2-ETHANEDISULFONATE see: XJ3830000
5-CHLORO-3-tert-BUTYL-6-METHYLURACIL see: YQ9360000
O-(4-CHLOROBUTYL) O-(4-NITRO-3-(TRIFLUOROMETHYL)PHENYL)METHYLPHOSPHONOTHIOATE see: TB1077000
5-(3-CHLOROBUTYL)PICOLINIC ACID see: TJ7540000 PICOLINIC ACID, 5-(3-CHLOROBUTYL)-
5-(4-CHLOROBUTYL)PICOLINIC ACID see: TJ7542000 PICOLINIC ACID, 5-(4-CHLOROBUTYL)-
5-(4'-CHLOROBUTYL)PICOLINIC ACID see: TJ7542000 PICOLINIC ACID, 5-(4-CHLOROBUTYL)-
5-(3-CHLOROBUTYL)-2-PYRIDINECARBOXYLIC ACID see: TJ7540000 PICOLINIC ACID, 5-(3-CHLOROBUTYL)-
5-(4-CHLOROBUTYL)-2-PYRIDINECARBOXYLIC ACID see: TJ7542000 PICOLINIC ACID, 5-(4-CHLOROBUTYL)-
CHLORO-2-BUTYNYL m-CHLOROCARBAMATE see: FD7700000
4-CHLORO-2-BUTYNYL-m-CHLOROCARBANILATE see: FD7700000
4-CHLORO-2-BUTYNYL N-(3-CHLOROPHENYL)CARBAMATE see: FD7700000
4-CHLOROBUT-2-YNYL 3-CHLOROPHENYLCARBAMATE see: FD7700000
3-CHLOROBUTYRIC ACID see: ES8137500
beta-CHLOROBUTYRIC ACID see: ES8137500
4-CHLOROBUTYRIC ACID TRIBUTYLSTANNYL ESTER see: WH6797000
CHLOROCAIN see: TK6475000
CHLOROCAINE see: DG2275000
2-CHLOROCAMPHANE see: ED6190000 BORNANE, 2-CHLORO-, endo-
CHLOROCAMPHENE see: KW5250000
CHLOROCAPS see: AB6825000
m-CHLOROCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD7692000
p-CHLOROCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD7693000
m-CHLOROCARBANILIC ACID, 4-CHLORO-2-BUTYNYL ESTER see: FD7700000
m-CHLOROCARBANILIC ACID, ISOPROPYL ESTER see: FD8050000
3-CHLOROCARBANILIC ACID, ISOPROPYL ESTER see: FD8050000
p-CHLOROCARBANILIC ACID 2-(METHYLPHENETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD8520000
p-CHLOROCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE see: FD8523000
m-CHLOROCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE see: FD8522000
CHLOROCARBONATE DE METHYLE (French) see: FG3675000
CHLOROCARBONATE D'ETHYLE (French) see: LQ6125000
CHLOROCARBONIC ACID METHYL ESTER see: FG3675000
3-CHLOROCARPIPRAMINE DIHYDROCHLORIDE see: DW1014000
CHLOROCHIN see: VB2360000
3-CHLOROCHLORDENE see: PC0700000
2-CHLORO-4-(2-CHLOROACETAMIDO)-5-METHOXYPHENYL THIOCYANATE see: XK8600000
THIOCYANIC ACID,2-CHLORO-4-(2-CHLOROACETAMIDO)-5-METHOXYPHENYL ESTER
2-(3-CHLORO-4-(4-CHLOROBENZOYL)PHENYL)-1,2,4-TRIAZINE-3,5(2H,4H)-DIONE see: XY7800000
(3-CHLORO-4-CHLORODIFLUOROMETHYLTHIOPHENYL)-1,1-DIMETHYLUREA see: YS4727000
1-CHLORO-2-(beta-CHLOROETHOXY)ETHANE see: KN0875000
6-CHLORO-9-(3-(2-CHLOROETHYL)MERCAPTOPROPYLAMINO)-2-METHOXYACRIDINE HYDROCHLORIDE see: AR7690000
2-CHLORO-N-(2-CHLOROETHYL)-N-METHYLETHANAMINE HYDROCHLROIDE see: IA2100000
2-CHLORO-N-(2-CHLOROETHYL)-N-METHYLETHANAMINE-N-OXIDE see: IA2200000
2-CHLORO-N-(2-CHLOROETHYL)-N-METHYLETHANAMINE-N-OXIDE HYDROCHLORIDE see: IA2275000
1-CHLORO-2-(beta-CHLOROETHYLTHIO)ETHANE see: WQ0900000
2-CHLORO-1-(4-CHLORO-2-FLUOROPHENYL)ETHENYL DIETHYL PHOSPHATE see: TB8550000
CHLORO(CHLOROMETHOXY)METHANE see: KN1575000
9-CHLORO-10-CHLOROMETHYLANTHRACENE see: CA9575000
1-CHLORO-4-CHLOROMETHYLBENZENE see: XT0720000
cis-2-CHLORO-3-(CHLOROMETHYL)OXIRANE see: TX9683010
trans-2-CHLORO-3-(CHLOROMETHYL)OXIRANE see: TX9683000
5-CHLORO-N-(2-CHLORO-4-NITROPHENYL)-2-HYDROXYBENZAMIDE compd. with 2-AMINOETHANOL (1:1) see: VN8575000
3-CHLORO-4-(3-CHLORO-2-NITROPHENYL)PYRROLE see: UX9450000
5-CHLORO-2'-CHLORO-4'-NITROSALICYLANILIDE see: VN8400000
1-(CHLORO(p-CHLOROPHENYL)ACETYL)-4-METHYLPIPERAZINE HYDROCHLORIDE see: TL1518000
o-CHLORO-N-(p-CHLOROPHENYL)BENZAMIDINE see: CV6132000
7-CHLORO-5-(o-CHLOROPHENYL)-1,3-DIHYDRO-3-HYDROXY-2H-1,4-BENZODIAZEPIN-2-ONE see: DF0350000
7-CHLORO-5-(2-CHLOROPHENYL)-1,3-DIHYDRO-3-HYDROXY-2H-1,4-BENZODIAZEPIN-2-ONE see: DF0350000
7-CHLORO-5-(2-CHLOROPHENYL)-3-HYDROXY-1H-1,4-BENZODIAZEPIN-2(3H)-ONE see: DF0350000
trans-6-CHLORO-4-(m-CHLOROPHENYL)-4-METHYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER see: DF3509010
trans-6-CHLORO-4-(p-CHLOROPHENYL)-4-METHYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER see: DF3509020
2-CHLORO-3-(4-CHLOROPHENYL)-METHYLPROPIONATE see: UE8840000
1-CHLORO-4-(((4-CHLOROPHENYL)METHYL)THIO)BENZENE see: WQ2975000
8-CHLORO-6-(o-CHLOROPHENYL)-1-METHYL-4H-s-TRIAZOLO(4,3-a)(1,4)BENZODIAZEPINE see: KZ5472500
5-CHLORO-3-(5-(p-CHLOROPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)-2-INDOLINONE see: NM2087700
2-CHLORO-3-(4-CHLOROPHENYL)PROPIONIC ACID METHYL ESTER see: UE8840000
8-CHLORO-6-(o-CHLOROPHENYL)-4H-PYRIDO(2,3-f)-s-TRIAZOLO(4,3-a)(1,4)DIAZEPINE see: UV1200300
8-CHLORO-6-(2-CHLOROPHENYL)-4H-PYRIDO(2,3-f)(1,2,4)TRIAZOLO(4,3-a)(1,4)DIAZEPINE see: UV1200300
4-CHLORO-alpha-(4-CHLOROPHENYL)-alpha-(TRICHLOROMETHYL)BENZENEMETHANOL see: DC8400000
CHLOROCHOLINE see: BP5100000
CHLOROCHOLINE CHLORIDE see: BP5250000
CHLOROCID see: AB6825000
CHLOROCIDE see: AB6825000
CHLOROCIDE see: WQ2975000
CHLOROCIDIN C see: AB6825000
CHLOROCIDIN C TETRAN see: AB6825000
alpha-CHLOROCINNAMALDEHYDE see: GD6489990
p-CHLOROCINNAMOYLDIAMINOPIPERAZINE see: GD8550000
CHLOROCOL see: AB6825000
CHLOROCRESOL see: GO7100000
4-CHLORO-m-CRESOL see: GO7100000
4-CHLORO-o-CRESOL see: GO7120000
p-CHLOROCRESOL see: GO7100000
p-CHLORO-m-CRESOL see: GO7100000
6-CHLORO-m-CRESOL see: GO7100000
CHLORO-m-CRESOL (DOT) see: GO7092000
CHLORO-o-CRESOL (DOT) see: GO7093000
CHLORO-p-CRESOL (DOT) see: GO7094000
4-CHLORO-o-CRESOXYACETIC ACID see: AG1575000
CHLOROCTAN SODNY (Czech) see: AG1400000
CHLOROCYAN see: GT2275000
CHLOROCYANIDE see: GT2275000
2-CHLORO-N-(2-CYANOETHYL)ACETAMIDE see: AB5100000
CHLOROCYANOGEN see: GT2275000
2-CHLORO-alpha-CYANO-6-METHYLERGOLINE-8-PROPIONAMIDE see: KE6345050
2-CHLORO-4-(1-CYANO-1-METHYLETHYLAMINO)-6-ETHYLAMINO-1,3,5-TRIAZINE see: UG1490000
endo-3-CHLORO-exo-6-CYANO-2-NORBORNANE O-(METHYLCARBAMOYL)OXIME see: RB7700000
2-exo-CHLORO-6-endo-CYANO-2-NORBORNANONE-O-(METHYLCARBAMOYL)OXIME see: RB7700000
3-CHLORO-6-CYANO-2-NORBORNANONE-O-(METHYLCARBAMOYL)OXIME see: RB7700000
3-CHLORO-6-CYANONORBORNANONE-2 OXIME O,N-METHYLCARBAMATE see: RB7700000
O-(3-CHLORO-4-CYANOPHENYL) O-ETHYL METHYLPHOSPHONOTHIOATE see: TB1105000
N-(4-CHLORO-3-CYANOPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS4728000
CHLOROCYCLINE see: TL1925000
CHLOROCYCLIZINE see: TL1925000
CHLOROCYCLIZINE HYDROCHLORIDE see: TL2275000
alpha-CHLOROCYCLOHEXANONE see: GW1225000
2-CHLOROCYCLOHEXANONE see: GW1225000
1-CHLOROCYCLOHEXENE OXIDE see: RN7756000
7-CHLORO-5-(CYCLOHEXEN-1-YL)-1,3-DIHYDRO-1-METHYL-2H-1,4-BENZODIAZEPIN-2-ONE see: DF0525000
7-CHLORO-5-(1-CYCLOHEXENYL)-1-METHYL-2-OXO-2,3-DIHYDRO-1H-(1,4)-BENZO(f)DIAZEPINE see: DF0525000
5-CHLORO-N-(2-(4-((((CYCLOHEXYLAMINO)CARBONYL)AMINO)SULFONYL)PHENYL)ETHYL)-2-METHOXYBENZAMIDE see: YS4725200
3-(3-CHLORO-4-CYCLOHEXYLBENZOYL)PROPIONIC ACID see: UE8850000
3-(3-CHLORO-4-CYCLOHEXYLBENZOYL)PROPIONIC ACID CALCIUM SALT see: UE8860000
6-CHLORO-5-CYCLOHEXYL-2,3-DIHYDRO-1H-INDENE-1-CARBOXYLIC ACID see: NK4503000 1-INDANCARBOXYLIC ACID, 6-CHLORO-5-CYCLOHEXYL-
(±)-6-CHLORO-5-CYCLOHEXYLINDAN-1-CARBOXYLIC ACID see: NK4505000
(±)-6-CHLORO-5-CYCLOHEXYLINDAN-1-CARBOXYLIC ACID see: NK4510000
(±)-6-CHLORO-5-CYCLOHEXYL-1-INDANCARBOXYLIC ACID see: NK4510000
(1S)-(±)-6-CHLORO-5-CYCLOHEXYLINDAN-1-CARBOXYLIC ACID see: NK4505000
6-CHLORO-5-CYCLOHEXYL-1-INDANCARBOXYLIC ACID see: NK4503000
6-CHLORO-5-CYCLOHEXYL-1-INDANCARBOXYLIC ACID see: NK4510000
3-CHLORO-4-CYCLOHEXYL-alpha-OXOBENZENEBUTANOIC ACID see: UE8850000
3-CHLORO-4-CYCLOHEXYL-alpha-OXOBENZENEBUTANOIC ACID CALCIUM SALT see: UE8860000
1 (3-CHLORO-4-CYCLOHEXYLPHENYL)CYCLOPENTANECARBOXYLIC ACID see: GY2626000
1-(3-CHLORO-4-CYCLOHEXYLPHENYL)CYCLOPROPANE-1-CARBOXYLIC ACID see: GZ1227000
4-(3-CHLORO-4-CYCLOHEXYLPHENYL)-4-OXO-BUTYRIC ACID see: UE8850000
DL-2-(3-CHLORO-4-CYCLOHEXYLPHENYL)PROPIONIC ACID see: UE8862000
2-CHLORO-4-CYCLOPROPYLAMINO-6-ISOPROPYLAMINO-s-TRIAZINE see: XY5380000
2-CHLORO-4-CYCLOPROPYLAMINO-6-ISOPROPYLAMINO-1,3,5-TRIAZINE see: XY5380000
2-((4-CHLORO-6-(CYCLOPROPYLAMINO)-1,3,5-TRIAZIN-2-YL)AMINO)-2-METHYLPROPANENITRILE see: UG1480000

BEST COPY AVAILABLE

2-(4-CHLORO-6-(CYCLOPROPYLAMINO)-s-TRIAZIN-2-YL)AMINO-2-METHYLPROPIONITRILE see: UG1480000
7-CHLORO-1-CYCLOPROPYLMETHYL-1,3-DIHYDRO-5-(2-FLUOROPHENYL)-2H-1,4-BENZODIAZEPIN-2-ONE see: DF0650000
7-CHLORO-1-(CYCLOPROPYLMETHYL)-1,3-DIHYDRO-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE see: DF2368000
7-CHLORO-1-CYCLOPROPYLMETHYL-5-PHENYL-1H-1,4-BENZODIAZEPIN-2(3H)-ONE see: DF2368000
CHLORODANE see: PB9800000
m-CHLORO-DCBA see: DP1578000
o-CHLORO-DCBA see: DP1578200
p-CHLORO-DCBA see: DP1578400
6-CHLORO-delta(sup 6)-DEHYDRO-17-ACETOXYPROGESTERONE see: TU3750000
6-CHLORO-6-DEHYDRO-17-alpha-ACETOXYPROGESTERONE see: TU3750000
6-alpha-CHLORO-delta(sup 1)-DEHYDRO-17-alpha-ACETOXYPROGESTERONE see: TU3751000
6-CHLORO-6-DEHYDRO-17-alpha-ACETOXYPROGESTERONE mixed with MESTRENOL see: TU3775000
6-CHLORO-6-DEHYDRO-17-alpha-ETHYLPROGESTERONE see: TU3724000
6-CHLORO-6-DEHYDRO-17-alpha-HYDROXYPROGESTERONE ACETATE see: TU3750000
17-CHLORO-10-DEMETHOXY-10-METHYLTHIOCOLCHICINE see: AB4839000 ACETAMIDE, 2-CHLORO-N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-10-(METHYLTHIO)-9-OXOBENZO(a)HEPTALEN-7-YL)-, (S)-
7-CHLORO-6-DEMETHYLTETRACYCLINE see: QI7650000
7-CHLORO-6-DEMETHYLTETRACYCLINE HYDROCHLORIDE see: QI7700000
CHLORODEN see: CZ4500000
6-CHLORO-6-DEOXY-beta-D-FRUCTOFURANOSYL-6-CHLORO-6-DEOXY-alpha-D-GLUCOPYRANOSIDE see: LZ5779900
6-CHLORO-6-DEOXY-beta-D-FRUCTOFURANOSYL-alpha-D-GLUCOPYRANOSIDE see: LZ5779800
CHLORODEOXYGLYCEROL see: TY4025000
7(S)-CHLORO-7-DEOXYLINCOMYCIN 2-PHOSPHATE see: GF2625000
6-CHLORO-6-DEOXYSUCROSE see: LZ5851000
6'-CHLORO-6'-DEOXYSUCROSE see: LZ5779800
CHLORODIABINA see: YS6650000
alpha-CHLORO-N,N-DIALLYLACETAMIDE see: AB5250000
2-CHLORO-N,N-DIALLYLACETAMIDE see: AB5250000
1-CHLORO-2,4-DIAMINOBENZENE see: SS8800000
4-CHLORO-1,2-DIAMINOBENZENE see: SS8850000
CHLORODIAZEPOXIDE see: DE9275000
5-CHLORO-5H-DIBENZARSENOLE see: HN6200000
1-CHLORODIBENZODICXIN see: HP3095300
1-CHLORODIBENZO-p-DIOXIN see: HP3095300
2-CHLORODIBENZO-para-DIOXIN see: HP3095500
2-((8-CHLORODIBENZO(b,f)THIEPIN-10-YL)OXY)-N,N-DIMETHYLETHANAMINE see: HQ2541700
CHLORODIBROMOMETHANE see: PA6360000
2-CHLORO-1-(2,5-DIBROMOPHENYL)ETHENYL DIMETHYL PHOSPHATE see: TB8570000
O-(2-CHLORO-1-(2,4-DIBROMOPHENYL)ETHENYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE7400000
1-CHLORO-2,3-DIBROMOPROPANE see: TX8750000
3-CHLORO-1,2-DIBROMOPROPANE see: TX8750000
CHLORODIBROMOTRIFLUOROETHANE see: KH7600000
m-CHLORO-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1578000
o-CHLORO-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1578200
p-CHLORO-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1578400
1-CHLORO-2,2-DICHLOROETHYLENE see: KX4550000
6-CHLORO-3-(DICHLOROMETHYL)-3,4-DIHYDRO-2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE see: DK8925000
6-CHLORO-3-(DICHLOROMETHYL)3,4-DIHYDRO-7-SULFAMYL 1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE see: DK8925000
O'-(2-CHLORO-1-(2,4-DICHLOROPHENYL)ETHENYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TE7500000
O-(2-CHLORO-1-(2,4-DICHLOROPHENYL)ETHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TE7600000
2-CHLORO-1-(2,4-DICHLOROPHENYL)ETHENYL DIMETHYL PHOSPHATE see: TB8805000
5-CHLORO-N-(2,5-DICHLOROPHENYL)-2-HYDROXY-(1,1'-BIPHENYL)-3-CARBOXAMIDE see: DV1778000
5-CHLORO-N-(3,4-DICHLOROPHENYL)-2-HYDROXY-(1,1'-BIPHENYL)-3-CARBOXAMIDE see: DV1780000
2-CHLORO-1-(2,4-DICHLOROPHENYL)VINYL DIETHYL PHOSPHATE see: TB8750000
beta-2-CHLORO-1-(2',4'-DICHLOROPHENYL) VINYL DIETHYLPHOSPHATE see: TB8750000
O-(2-CHLORO-1-(2,5-DICHLOROPHENYL)VINYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TE7525000
2-CHLORO-10-(N,N-DIETHYL-beta-ALANYL)PHENOTHIAZINE see: SN7800000
CHLORODIETHYLALUMINUM see: BD0558000
4-CHLORO-4'-(2-(DIETHYLAMINO)ETHOXY)-alpha-PHENYLCHALCONE see: FL7001000
2-CHLORO-1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-1,2-DIPHENYLETHYLENE see: YE0875000
7-CHLORO-4-((2-(DIETHYLAMINO)ETHYL)AMINO)-6-NITROQUINOLINE DIPHOSPHATE see: VB2356500
2-CHLORO-4-(DIETHYLAMINO)-6-(ETHYLAMINO)-s-TRIAZINE see: XY5425000
7-CHLORO-1-(2-(DIETHYLAMINO)ETHYL)-5-(2-FLUOROPHENYL)-1H-1,4-BENZODIAZEPIN-2(3H)-ONE see: DF2368050
5-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-2-METHOXY-BENZENESULFONAMIDE MONOMETHANESULFONATE see: DB1540400
4-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-2-(2-PROPENYLOXY)BENZAMIDE see: CU8800000
p-CHLORO-alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL p-AMINOBENZOATE (ester) see: DN9258000
6-CHLORO-9-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-2-METHOXYACRIDINE see: AR7700000
2-CHLORO-5-(omega-DIETHYLAMINO-alpha-METHYLBUTYLAMINO)-7-METHOXYACRIDINE DIHYDROCHLORIDE see: AR7875000
3-CHLORO-9-(4'-DIETHYLAMINO-1'-METHYLBUTYLAMINO)-7-METHOXYACRIDINE DIHYDROCHLORIDE see: AR7875000
6-CHLORO-9-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-2-METHOXYACRIDINE DIHYDROCHLORIDE see: AR7875000
6-CHLORO-9-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-2-METHOXYACRIDINE DIHYDROCHLORIDE 2H2-O see: AR7876000
8-CHLORO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-6-NITROQUINOLINE see: VB2610000
7-CHLORO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-6-NITROQUINOLINE DIPHOSPHATE see: VB2615000
7-CHLORO-4-(4-DIETHYLAMINO-1-METHYLBUTYLAMINO)QUINOLINE see: VB2360000
7-CHLORO-4-((4'-DIETHYLAMINO-1-METHYLBUTYL)AMINO)QUINOLINE DIPHOSPHATE see: VB2450000
4'-CHLORO-8-((DIETHYLAMINO)METHYL)-7-METHOXY-3-METHYLFLAVONE see: LK8257000
6'-CHLORO-2-(DIETHYLAMINO)-o-PROPIONOTOLUIDIDE HYDROCHLORIDE see: UG5672000
7-CHLORO-4-((3-(DIETHYLAMINO)PROPYL)AMINO)-6-NITROQUINOLINE DIPHOSPHATE see: VB2640000
5-CHLORO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-BENZENESULFONAMIDE see: DB1542000
5-CHLORO-N-(3-(DIETHYLAMINO)PROPYL)-2-METHOXY-4-NITRO-BENZENESULFONAMIDE HYDROCHLORIDE see: DB1542100
6'-CHLORO-5-(DIETHYLAMINO)-o-VALEROTOLUIDIDE HYDROCHLORIDE see: YV9101500
CHLORODIETHYLARSINE see: CG9700000
2-CHLORO-2',6'-DIETHYL-N-(BUTOXYMETHYL)ACETANILIDE see: AE1200000
2-CHLORO-2-DIETHYLCARBAMOYL-1-METHYLVINYL DIMETHYLPHOSPHATE see: TC2800000
1-CHLORO-DIETHYLCARBAMOYL-1-PROPEN-2-YL DIMETHYL PHOSPHATE see: TC2800000
2-CHLORO-2',6'-DIETHYL-N-(METHOXYMETHYL)ACETANILIDE see: AE1225000
4-CHLORO-2,6-DIETHYLPHENOL see: SK3900000
2-CHLORO-N-(2,6-DIETHYL)PHENYL-N-METHOXYMETHYLACETAMIDE see: AE1225000
4-CHLORO-alpha,alpha-DIETHYLPYRAZOLE-3-METHANOL see: UQ7158000
CHLORODIFLUOROBROMOMETHANE (DOT) see: PA5270000
2'-CHLORO-4,4'-DIFLUOROCHALCONE see: FL7002000
1-CHLORO-1,1-DIFLUOROETHANE see: KH7650000
CHLOROJIFLJOROETHANE (DOT) see: KH7650000
1-CHLORO-1,1-DIFLUOROETHANE (DOT) see: KH7650000
CHLORODIFLUOROETHANES (DOT) see: KH7630000
CHLORODIFLUOROMETHANE see: PA6390000
CHLORODIFLUOROMETHANE (DOT) see: PA6390000
2-CHLORO-1-(DIFLUOROMETHOXY)-1,1,2-TRIFLUOROETHANE see: KN6800000
CHLORODIFLUOROMONOBROMOMETHANE see: PA5270000
10-CHLORO-5,10-DIHYDROARSACRIDINE see: SG0680000
6-CHLORO-3,4-DIHYDRO-2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE see: DK9100000
4-(3-(6-CHLORO-3,4-DIHYDRO-2H-1,4-BENZOTHIAZIN-4-YL)PROPYL)-1-PIPERAZINEETHANOL MALEATE see: TL7020000
1-(8-CHLORO-10,11-DIHYDRODIBENZO(b,f)THIEPIN-10-YL)-4-METHYLPIPERAZINE see: TL1570000
(15-alpha,20R)-20-CHLORO-15,20-DIHYDRO-12,15-DIHYDROXYSENECIONAN-11,16-DIONE see: VT5704000
(15-alpha,20R)-20-CHLORO-15,20-DIHYDRO-12,15-DIHYDROXYSENECIONAN-11,16-DIONE HYDROCHLORIDE see: VT5704100
2-CHLORO-9,10-DIHYDRO-N,N-DIMETHYL-9-ACRIDINEPROPANAMINE see: AR6972000
7-CHLORO-2,3-DIHYDRO-1-(2-DIMETHYLAMINO)ETHYL)-2-(2-PYRIDYL)-4(1H)-QUINAZOLINONE HCl see: VA3117300
4-CHLORO-2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL METHYLCARBAMATE see: FB5700000
7-CHLORO-1,3-DIHYDRO-3-(N,N-DIMETHYLCARBAMOYL)-1-METHYL-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE see: EZ9033500
5-(2-CHLORO-1-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)ETHYL)O,O-DIETHYL PHOSPHORODITHIOATE see: TD5165000
N-(3-CHLORO-1,4-DIHYDRO-1,4-DIOXO-2-NAPHTHYL)ACETAMIDE see: AB7444800
7-CHLORO-1,3-DIHYDRO-3-HEMISUCCINYLOXY-2H-1,4-BENZODIAZEPIN-2-ONE see: WM9645000
(R)N-((5-CHLORO-3,4-DIHYDRO-8-HYDROXY-3-METHYL-1-OXO-1H-2-BENZOPYRAN-7-YL)PHENYLALANINE see: AY4375000
7-CHLORO-1,3-DIHYDRO-3-HYDROXY-1-METHYL-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE see: DF1225000
7-CHLORO-1,3-DIHYDRO-3-HYDROXY-1-METHYL-5-PHENYL-1,4-BENZODIAZEPIN-2-ONE DIMETHYLCARBAMATE see: EZ9033500
7-CHLORO-1,3-DIHYDRO-3-HYDROXY-5-PHENYL-2H-1,4-BENZODIAZEPINE-2-ONE see: DF1400000
7-CHLORO-2,3-DIHYDRO-1-METHYL-5-PHENYL-1H-1,4-BENZODIAZEPINE see: DE9070000
7-CHLORO-1,3-DIHYDRO-1-METHYL-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE see: DF1575000
10-CHLORO-5,10-DIHYDROPHENARSAZINE see: SG0680000
7-CHLORO-1,3-DIHYDRO-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE see: DF1750000
7-CHLORO-1,3-DIHYDRO-5-PHENYL-1-(2-PROPYNYL)-2H-1,4-BENZODIAZEPIN-2-ONE see: DF2375000
6-CHLORO-3,4-DIHYDRO-7-SULFAMOYL-2H-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE see: DK9100000
5-CHLORO-2,4-DIHYDROXYBENZOIC ACID see: VH3708400
16-CHLORO-11,17-DIHYDROXYPREGN-4-ENE-3,20-DIONE 11-ACETATE see: TU5010180
1-CHLORO-2,3-DIHYDROXYPROPANE see: TY4025000
3-CHLORO-1,2-DIHYDROXYPROPANE see: TY4025000
4'-CHLORO-5,5-DIHODOSALICYLANILIDE ACETATE see: VN7885000
CHLORODIISOBUTYLALUMINUM see: BD0560000
(S)-(-)-2-((3-CHLORO-2,6-DIMETHOXYBENZAMIDO)METHYL)-1-ETHYLPYRROLIDINE HYDROCHLORIDE see: CV2448700
N-(5-CHLORO-2,4-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS4740200
2-CHLORO-12,13-DIMETHOXY-6-PHENYL-7,9,10,14-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPINE see: NW6659000
3-CHLORO-12,13-DIMETHOXY-6-(p-TOLYL)-7,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPINE see: NW6659500
(S)-(-)-3-CHLORO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE see: CV2448700
3-CHLORO-1-(6,7-DIMETHOXY-1-ISOQUINOLINYL)-1-(3,4-DIMETHOXYPHENYL)-2-PROPANONE see: UC0728000
21-CHLORO-3,17-DIMETHOXY-19-NOR-17-alpha-PREGN-1,3,5(10)-TRIEN-20-YNE see: RC8924800
o-CHLORO-N-(2,5-DIMETHOXYPHENYL)BENZAMIDINE see: CV6134200
4-(p-CHLORO-N-(2,4-DIMETHOXYPHENYL)BENZAMIDO)BUTYRIC ACID see: ES8138000 BUTYRIC ACID, 4-(pCHLORO-N-(2,4-DIMETHOXYPHENYL)BENZAMIDO)-
4-(p-CHLORO-N-(3,4-DIMETHOXYPHENYL)BENZAMIDO)BUTYRIC ACID see: ES8138200 BUTYRIC ACID, 4-(pCHLORO-N-(3,4-DIMETHOXYPHENYL)BENZAMIDO)-
3-CHLORO-12,13-DIMETHOXY-5,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE see: NW6678000
p-CHLORODIMETHYLAMINOAZOBENZENE see: BX5060000
2'-CHLORO-4-DIMETHYLAMINOAZOBENZENE see: BX5050000
3'-CHLORO-4-DIMETHYLAMINOAZOBENZENE see: BX5040000
4'-CHLORO-4-DIMETHYLAMINOAZOBENZENE see: BX5060000
2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHOXY)BENZYL)PYRIDINE BIMALEATE see: US6350000
2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHOXY)BENZYL)PYRIDINE MALEATE see: US6350000
2-CHLORO-11-(2-(DIMETHYLAMINO)ETHOXY)DIBENZO(b,f)THIEPIN see: HQ2541700
2-CHLORO-11-(2-DIMETHYLAMINOETHOXY)-DIBENZO(b,f)THIEPINE see: HQ2541700
4-(2-(m-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)ANILINO)ETHYL)PYRIDINE see: US6360000
4-(2-(p-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)ANILINO)ETHYL)PYRIDINE DIPICRATE see: US6365000
2-CHLORO-alpha-(2-(DIMETHYLAMINO)-ETHYL)BENZHYDROL HYDROCHLORIDE see: DC7600000
p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL ALCOHOL CARBAMATE (ester) see: DN9259000
2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE see: US6379500
dl-2-(p-CHLORO-alpha-2-(DIMETHYLAMINO)ETHYLBENZYL)PYRIDINE BIMALEATE see: US6475000
(-)-2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE see: US6502000
(+)-2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE see: US6504000
(+)-2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE see: US6503000
2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE (1:1) see: VB2450000
3-CHLORO-9-(2-DIMETHYLAMINOETHYL)CARBAZOLE OXALATE see: FE5995000
10-CHLORO-5-(2-DIMETHYLAMINOETHYL)-6H-INDOLO(2,3-c)QUINOLIN-6(5H)-ONE HYDROCHLORIDE see: NM3470000
5-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)-2-METHOXY-BENZENESULFOHAMIDE HYDROCHLORIDE see: DB1548000
2-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE see: HN8590000
7-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE see: HN8590100
8-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE see: HN8590200
7-CHLORO-3-(2-METHYLAMINO)-1-ETHYL-2,4(1H,3H)-QUINAZOLINEDIONE see: VA1396000
4-CHLORO-alpha-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-alpha-METHYLBENZENEETHANOL HYDROCHLORIDE see: DA0500000
p-CHLORO-alpha-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-alpha-METHYL-PHENETHYL ALCOHOL see: SG7885000
p-CHLORO-alpha-(2-DIMETHYLAMINO-1-METHYLETHYL)-alpha-METHYLPHENETHYL ALCOHOL HYDROCHLORIDE see: DA0500000

*TOXICITY DATA HAVE NOT BEEN EVALUATED

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

4'-CHLORO-8-((DIMETHYLAMINO)METHYL)-7-METHOXY-3-METHYLFLAVONE see: LK8257500
2-CHLORO-4-DIMETHYLAMINO-6-METHYL-PYRIMIDINE see: UV8050000
7-CHLORO-3-(DIMETHYLAMINO)-1-METHYL-2,4(1H,3H)QUINAZOLINEDIONE see: VA1397000
7-CHLORO-2-(DIMETHYLAMINO)-5-PHENYL-3H-1,4-BENZODIAZEPIN-3-OL see: DE9735000
7-CHLORO-3-(DIMETHYLAMINO)-5-PHENYL-1,3-DIHYDRO-2H-1,4-BENZODIAZEPIN-2-ONE see: DF2368520
2-CHLORO-9-(3-(DIMETHYLAMINO)PROPYL)ACRIDAN PHOSPHATE see: AR6972100
(alpha-2-CHLORO-9-omega-DIMETHYLAMINO-PROPYLAMINE)THIOXANTHENE see: XO1050000
4-(2-(m-CHLORO-N-(3-(DIMETHYLAMINO)PROPYL)ANILINO)ETHYL)PYRIDINE DIPICRATE see: US6504500
p-CHLORO-N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)BENZAMIDE HYDROCHLORIDE see: CV2448800
3-CHLORO-5-(3-(DIMETHYLAMINO)PROPYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE see: HN9050000
3-CHLORO-5-(3-(DIMETHYLAMINO)PROPYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE MONOHYDROCHLORIDE see: HN9055000
2-CHLORO-9-(omega-DI-METHYLAMINOPROPYLIDENE)THIOXANTHENE see: XO1050000
2-CHLORO-9-(3-(DIMETHYLAMINO)PROPYLIDENE)-THIOXANTHENE see: XO1050000
trans-2-CHLORO-9-(3-(DIMETHYLAMINO)PROPYLIDENE)THIOXANTHENE, HYDROCHLORIDE see: XO0605000
1-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-7-NITRO-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE see: UR6076300
CHLORO-3 (DIMETHYLAMINO-3 PROPYL)-10 PHENOTHIAZINE (French) see: SN8925000
2-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE see: SN8925000
8-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-3H-PHENOTHIAZINE-2,3(10H)-DIONE see: SO9350000
2-CHLORO-10-(3-DIMETHYLAMINOPROPYL)PHENOTHIAZINE MONOHYDROCHLORIDE see: SO1750000
2-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE-5-OXIDE see: SO2275000
6-CHLORO-3-(DIMETHYLAMINO)-2,4(1H,3H)QUINAZOLINEDIONE see: VA1395000
7-CHLORO-3-(DIMETHYLAMINO)-2,4-(1H,3H)-QUINAZOLINEDIONE see: VA1395300
3'-CHLORO-N,N-DIMETHYLAMINOSTIBEN (German) see: WJ3750000
4'-CHLORO-N,N-DIMETHYLAMINOSTIBEN (German) see: WJ3800000
2'-CHLORO-4-DIMETHYLAMINOSTILBENE see: WJ3675000
3'-CHLORO-4-DIMETHYLAMINOSTILBENE see: WJ3750000
4'-CHLORO-4-DIMETHYLAMINOSTILBENE see: WJ3800000
9-CHLORO-8,12-DIMETHYLBENZ(a)ACRIDINE see: CU3375000
2-CHLORO-1,10-DIMETHYL-5,6-BENZACRIDINE (French) see: CU3375000
2-CHLORO-1,10-DIMETHYL-7,8-BENZACRIDINE (French) see: CU3425000
10-CHLORO-6,9-DIMETHYL-5,10-DIHYDRO 3,4-BENZOPHENARSAZINE see: DI9900000
2-CHLORO-3-(1,1-DIMETHYLETHOXY)-1-PROPENYL DIMETHYL PHOSPHATE see: TB8470000
2-CHLORO-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE see: KQ9020000
5-CHLORO-3-(1,1-DIMETHYLETHYL)-6-METHYL-2,4(1H,3H)-PYRIMIDINEDIONE see: YQ9360000
p-CHLORO-beta,beta-DIMETHYL-HYDROCINNAMIC ACID see: MW5110000
p-CHLORO-N,N-DIMETHYL-beta-METHOXYPHENETHYLAMINE see: SH1235000
beta-CHLORO-N,N-DIMETHYL-p-METHOXYPHENETHYLAMINE, HYDROCHLORIDE see: SH1240000
2-CHLORO-2',6'-DIMETHYL-N-(2-OXOTETRAHYDRO-3-FURYL)ACETANILIDE see: AE1300200
p-CHLORO-alpha,alpha-DIMETHYLPHENETHYLAMINE see: SH1050000
p-CHLORO-N,alpha-DIMETHYLPHENETHYLAMINE see: SH0875000
beta-CHLORO-N,N-DIMETHYLPHENETHYLAMINE HYDROCHOLORIDE see: SH1080000
DL-beta-CHLORO-N,alpha-DIMETHYL-PHENETHYLAMINE HYDROCHLORIDE see: SH1079000
o-CHLORO-alpha,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH1150000
p-CHLORO-alpha,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH1225000
4-CHLORO-alpha,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH1225000
2-CHLORO-4,5-DIMETHYLPHENYL ACETYLMETHYLCARBAMATE see: EY8320000
cis-6-CHLORO-2,4-DIMETHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID see: DF3509110
trans-6-CHLORO-2,4-DIMETHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID see: DF3509100
2-CHLORO-4,5-DIMETHYLPHENYL METHYLCARBAMATE see: FB6825000
2-CHLORO-N-(2,6-DIMETHYLPHENYL)-N-(1H-PYRAZOL-1-YLMETHYL)-ACETAMIDE see: AB5442000
2-CHLORO-N-(2,6-DIMETHYLPHENYL)-N-(TETRAHYDRO-2-OXO-3-FURANYL)ACETAMIDE see: AE1300200
CHLORODIMETHYLPHOSPHINE SULFIDE see: SZ5991500
2-CHLORO-5-(3,5-DIMETHYLPIPERIDINOSULPHONYL)BENZOIC ACID see: DG4996300
2-CHLORO-4-(1,1-DIMETHYLPROPYL)PHENYL METHYL METHYLPHOSPHORAMIDATE see: TB3900000
2-CHLORO-4-(2,5-DIMETHYL-1 PYRROLYL)-4'-METHYLBENZOPHENONE see: DJ0384000
3'-CHLORO-N,N-DIMETHYL-4-STILBENAMINE see: WJ3750000
4'-CHLORO-N,N-DIMETHYL-4-STILBENAMINE see: WJ3800000
2-CHLORO-N,N-DIMETHYLTHIOXANTHENE-delta(sup 9),gamma-PROPYLAMINE see: XO1050000
6-CHLORO-2,4-DINITROANILINE HYDFOCHLORIDE see: BX1227500
CHLORODINITROBENZENE see: CZ0490000
1-CHLORO-2,4-DINITROBENZENE see: CZ0525000
4-CHLORO-1,3-DINITROBENZENE see: CZ0525000
6-CHLORO-1,3-DINITROBENZENE see: CZ0525000
CHLORODINITROBENZENE (DOT) see: CZ0490000
1-CHLORO-2,4-DINITROBENZOL (German) see: CZ0525000
1-CHLORO-2,4-DINITRONAPHTHALENE see: QJ2450000
1-CHLORO-1,2-DINITRO-1,2,2-TRIFLUOROETHANE see: KH7700000
2-CHLORO-N-(2,6-DINITRO-4-(TRIFLUOROMETHYL)PHENYL)-N-ETHYL-6-FLUOROBENZENEMETHANAMINE see: DA4391600
P-CHLORO-2,4-DIOXA-5-METHYL-P-THIONO-3-PHOSPHABICYCLO(4.4.0)DECANE see: SY6475000
6-CHLORO-1,3-DIOXO-5-ISOINDOLINESULFONAMIDE see: NR3539000
CHLORODIPHENYL see: DV2063000
CHLORODIPHENYL (21% Cl) see: TQ1352000
CHLORODIPHENYL (32% Cl) see: TQ1354000
CHLORODIPHENYL (41% Cl) see: TQ1351000
CHLORODIPHENYL (42% Cl) see: TQ1356000
CHLORODIPHENYL (48% Cl) see: TQ1358000
CHLORODIPHENYL (54% Cl) see: TQ1360000
CHLORODIPHENYL (60% Cl) see: TQ1362000
CHLORODIPHENYL (62% Cl) see: TQ1364000
CHLORODIPHENYL (68% Cl) see: TQ1366000
o-CHLORODIPHENYL see: DV2065000
2-CHLORODIPHENYL see: DV2065000
CHLORODIPHENYLACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: AF9000000
alpha-CHLORODIPHENYL ACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: AF9000000
CHLORODIPHENYLARSINE see: CG9900000
6-CHLORO-4,4-DIPHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID see: DF3509200
6-CHLORO-4,4-DIPHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER see: DF3509300
1-(o-CHLORO-alpha,alpha-DIPHENYLBENZYL)IMIDAZOLE see: NI4377000
(2-CHLORO-3,3-DIPHENYLBUTYRYL)UREA see: YS4740270
1-(2-CHLORO-3,3-DIPHENYLBUTYRYL)UREA see: YS4740270
cis-2-(4-(2-CHLORO-1,2-DIPHENYLETHENYL)PHENOXY)-N,N-DIETHYLETHANAMINE see: YE0820000
trans-2-(4-(2-CHLORO-1,2-DIPHENYLETHENYL)PHENOXY)-N,N-DIETHYLETHANAMINE see: YE0810000
2-(4-(2-CHLORO-1,2-DIPHENYLETHENYL)PHENOXY)-N,N-DIETHYLETHANAMINE see: YE0F00000
2-CHLORO-1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-1-PROPANONE see: UC0729270
3-CHLORO-1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-1-PROPANONE see: UC0729300
1-(p-CHLORODIPHENYLMETHYL)-4-(2-(2-HYDROXYETHOXY)ETHYL)PIPERAZINE see: KK2275000
N-(4'-CHLORODIPHENYLMETHYL-1,2,3,4-TETRAHYDROISOQUINOLINE see: NX4993000
4-CHLORODIPHENYL SULFONE see: WR5775000
4-CHLORODIPHENYL SULPHONE see: WR5775000
cis-2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)TRIETHYLAMINE see: YE0820000
trans-2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)TRIETHYLAMINE see: YE0810000
2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)TRIETHYLAMINE CITRATE see: YE0875000
2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)TRIETHYLAMINE CITRATE (1:1) see: YE0875000
2-CHLORO-N,N-DI-2-PROPENYLACETAMIDE see: AB5250000
m-CHLORODITHIOCARBANILIC ACID BENZYL ESTER see: FD7735000
p-CHLORODITHIOCARBANILIC ACID BENZYL ESTER see: FD7740000
m-CHLORODITHIOCARBANILIC ACID ETHYL ESTER see: FD7745000
o-CHLORODITHIOCARBANILIC ACID ETHYL ESTER see: FD7750000
p-CHLORODITHIOCARBANILIC ACID ETHYL ESTER see: FD7755000
m-CHLORODITHIOCARBANILIC ACID GLYCOLATE see: FD7760000
p-CHLORODITHIOCARBANILIC ACID GLYCOLATE see: FD7765000
m-CHLORODITHIOCARBANILIC ACID METHYL ESTER see: FD7770000
o-CHLORODITHIOCARBANILIC ACID METHYL ESTER see: FD7775000
p-CHLORODITHIOCARBANILIC ACID METHYL ESTER see: FD7780000
3-CHLORODITHIOCARBANILIC ACID TRIMETHYLSILYL ESTER see: FD7785000
CHLORODWUFENOL (Polish) see: DV2063000
cis-1-CHLORO-1,2-EPOXYPROPANE see: TX4850010
trans-1-CHLORO-1,2-EPOXYPROPANE see: TX4850000
1-CHLORO-2,3-EPOXYPROPANE see: TX4900000
3-CHLORO-1,2-EPOXYPROPANE see: TX4900000
16-alpha-CHLOROESTRA-1,3,5(10)-TRIEN-17-ONE see: KG7747000
CHLOROETENE see: KJ2975000
2-CHLORO-1-ETHANAL see: AB2450000
CHLOROETHANE see: KH7525000
2-CHLOROETHANEPHOSPHONIC ACID see: SZ7100000
CHLOROETHANOIC ACID see: AF8575000
delta-CHLOROETHANOL see: KK0875000
2-CHLOROETHANOL see: KK0875000
2-CHLOROETHANOL PHOSPHATE see: KK2450000
2-CHLOROETHANOL PHOSPHITE (3:1) see: KK2810000
CHLOROETHENE see: KU9625000
CHLOROETHENE see: KJ2975000
CHLOROETHENE HOMOPOLYMER (9Cl) see: KV0350000
CHLOROETHENE NU see: KJ2975000
1,1',1''-(1-CHLORO-1-ETHENYL-2-YLIDENE)-TRIS(4-METHOXYBENZENE) see: KV0600000
17-alpha-CHLOROETHINYL-17-beta-HYDROXYESTRA-4,9-DIEN-3-ONE see: RC8900000
2-(2-CHLOROETHOXY)ETHANOL see: KK1350000
(2-CHLOROETHOXY)ETHENE see: KN6300000
2-CHLORO-3-ETHOXY-1,4-NAPHTHOQUINONE see: QL7472700
2-CHLORO-1-(3-ETHOXY-4-NITROPHENOXY)-4-TRIFLUOROMETHYLBENZENE see: KN6900000
4-(p-CHLORO-N-(p-ETHOXYPHENYL)BENZAMIDO)BUTYRIC ACID see: ES8138400 BUTYRIC ACID, 4-(p-CHLORO-N-(p-ETHOXYPHENYL)BENZAMIDO)-
CHLOROETHYL ACRYLATE see: AS6300000
beta-CHLOROETHYL ACRYLATE see: AS6300000
2-CHLOROETHYL ACRYLATE see: AS6300000
beta-CHLOROETHYL ALCOHOL see: KK0875000
2-CHLOROETHYL ALCOHOL see: KK0875000
1-(2-CHLOROETHYL)AMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE see: YS4740400
2-CHLORO-4-ETHYLAMINEISOPROPYLAMINE-s-TRIAZINE see: XY5600000
9-(2-((2-CHLOROETHYL)AMINO)ETHYLAMINO)-6-CHLORO-2-METHOXYACRIDINE, DIHYDROCHLORIDE see: AR8050000
N-(((2-CHLOROETHYL)AMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YS4740400
1-CHLORO-3-ETHYLAMINO-5-ISOPROPYLAMINO-s-TRIAZINE see: XY5600000
1-CHLORO-3-ETHYLAMINO-5-ISOPROPYLAMINO-2,4,6-TRIAZINE see: XY5600900
2-CHLORO-4-ETHYLAMINO-6-ISOPROPYLAMINO-s-TRIAZINE see: XY5600000
2-CHLORO-4-ETHYLAMINO-6-ISOPROPYLAMINO-1,3,5-TRIAZINE see: XY5600000
N-(2-CHLOROETHYL)AMINOMETHYL-4-ETHOXYNITROBENZENE see: DP2700000 BENZYLAMINE, N-(2-CHLOROETHYL)-2-ETHOXY-5-NITRO-
N-(2-CHLOROETHYL)AMINOMETHYL-4-HYDROXYNITROBENZENE see: SK4340000 PHENOL, 2-(((2-CHLOROETHYL)AMINO)METHYL)-4-NITRO-
N-(2-CHLOROETHYL)AMINOMETHYL-4-METHOXYNITROBENZENE see: DP2950000 BENZYLAMINE, N-(2-CHLOROETHYL)-2-METHOXY-5-NITRO-
2-(((2-CHLOROETHYL)AMINO)METHYL)-4-NITROPHENOL see: SK4340000 PHENOL, 2-(((2-CHLOROETHYL)AMINO)METHYL)-4-NITRO-
2-CHLORO-3-(ETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIMETHYL PHOSPHATE see: TC2850000
6-CHLORO-2-ETHYLAMINO-4-METHYL-4-PHENYL-4H-3,1-BENZOXAZINE see: DM3028000
7-((3-((2-CHLOROETHYL)AMINO)PROPYL)AMINO)BENZO(b)(1,10)PHENANTHROLINE DIHYDROCHLORIDE see: TX7006000
10-((2-CHLOROETHYLAMINO)PROPYLAMINO)-2-METHOXY-7-CHLOROBENZO(b)-(1,5)-NAPHTHYRIDINE see: TX7037000
2-CHLOROETHYL p-AMINOSALICYLATE see: VO1475000
2-(4-CHLORO-6-ETHYLAMINO-s-TRIAZINE-2-YLAMINO)-2-METHYL-PROPIONITRILE see: UG1490000
2-(4-CHLORO-6-ETHYLAMINO-1,3,5-TRIAZINE-2-YLAMINO)-2-METHYLPROPIONITRILE see: UG1490000
2-((4-CHLORO-6-(ETHYLAMINO)-s-TRIAZIN-2-YL)AMINO)-2-METHYLPROPIONITRILE see: UG1490000
CHLOROETHYLAMINOURACIL see: YQ9000000
6'-CHLORO-2-(ETHYLAMINO)-o-VALEROTOLUIDIDE HYDROCHLORIDE see: YV9102500
beta-CHLOROETHYL-beta'-(p-t-BUTYLPHENOXY)-alpha'-METHYLETHYL SULFITE see: WT2975000
beta-CHLOROETHYL-beta-(p-t-BUTYLPHENOXY)-alpha-METHYLETHYL SULPHITE see: WT2975000
L-(1-((2-CHLOROETHYL)CARBAMOYL)BUTYL)CARBAMIC ACID BENZYL ESTER see: EZ1440000
L-N-(1-((2-CHLOROETHYLCARBAMOYL)BUTYL)-1-(METHYLNITROSOCARBAMOYL)-2-PYRROLIDINECARBOXAMIDE see: UY0298550
6-CHLORO-9-(3-(ETHYL-2-CHLOROETHYL)AMINOPROPYLAMINO)-2-METHOXYACRIDINE DIHYDROCHLORIDE see: AR7680000
3-(2-CHLOROETHYL)-2-((2-CHLOROETHYL)AMINO)TETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE see: RP6050000
((CHLORO-2-ETHYL)-1-CYCLOHEXYL-3-NITROSOUREA see: YS4900000
N-(2-CHLOROETHYL)-N'-CYCLOHEXYL-N-NITROSOUREA see: YS4900000
1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROSOUREA see: YS4900000
1-(2-CHLOROETHYL)-3-CYCLOHEXYL-3-NITROSOUREA see: YS4903000
(CHLORO-2 ETHYL)-1 CYCLOHEXYL-3 NITROSO-3 UREE (French) see: YS4903000
1-(2-CHLOROETHYL)-3-CYCLOPENTYL-1-NITROSOUREA see: YS4904000
N-(2-CHLOROETHYL)DIBENZYLAMINE HYDROCHLORIDE see: HQ6825000
beta-CHLOROETHYLDICHLOROARSINE see: CH0350000
(2-CHLOROETHYL)DIETHYLAMINE see: YE0700000
N-(2-CHLOROETHYL)DIETHYLAMINE see: YE0700000
beta-CHLOROETHYLDIETHYLAMINE HYDROCHLORIDE see: YE1050000
(2-CHLOROETHYL)DIETHYLAMINE HYDROCHLORIDE see: YE1050000
N-(2-CHLOROETHYL)-3-(DIETHYLMETHYLSILYL)-N-METHYL-PROPYLAMINE HYDROCHLORIDE see: UI0260000
(2-CHLOROETHYL)(3-(DIETHYLMETHYLSILYL)-N-METHYL-PROPYLAMINE HYDROCHLORIDE see: UI0260000
(2-CHLOROETHYL)(3-(DIETHYLMETHYLSILYL)PROPYL)DIMETHYLAMMONIUM IODIDE see: BP4991000
2-(beta-CHLOROETHYL)-2,3-DIHYDRO-4-OXO-6-AMINO-1,3-BENZOXAZINE see: DM3678700
2-(beta-CHLOROETHYL)-2,3-DIHYDRO-4-OXO-6-AMINO-1,3-BENZOXAZINE HYDROCHLORIDE see: DM3678900
3-(2-CHLOROETHYL)-3,4-DIHYDRO-4-OXOIMIDAZO(5,1-d)-1,2,3,5-TETRAZINE-8-CARBOXAMIDE see: NJ5927000

BEST COPY AVAILABLE

1-(2-CHLOROETHYL)-3-(2,5-DIMETHOXYPHENYL)UREA see: YS4906700
1-(2-CHLOROETHYL)-3-(2,6-DIMETHOXYPHENYL)UREA see: YS4906800
3-(2-CHLOROETHYL)-1-(2,5-DIMETHOXYPHENYL)UREA see: YS4906700
N-(2-CHLOROETHYL)-N'-(5-(DIMETHYLAMINO)-2,2-BIS(4-FLUOROPHENYL)PENTYL)-N-NITROSOUREA see: YS4907000
N-(2-CHLOROETHYL)-N'-(5-(DIMETHYLAMINO)-2,2-DIPHENYLPENTYL)-N-NITROSOUREA see: YS4907100
N-(2-CHLOROETHYL)-N'-(5-(DIMETHYLAMINO)-4-METHYL-2,2-DIPHENYLPENTYL)-N-NITROSOUREA see: YS4907300
(2-CHLOROETHYL)DIMETHYL(TRIETHYLSILYLMETHYL)AMMONIUM IODIDE see: BP4992800
(2-CHLOROETHYL)DIMETHYL(3-(TRIETHYLSILYL)PROPYL)AMMONIUM IODIDE see: BP4992850
N-beta-CHLOROETHYL-2,4-DINITROANILINE see: BX1260000
N-(2-CHLOROETHYL)-2,4-DINITROANILINE see: BX1260000
N-(2-CHLOROETHYL)-2,6-DINITRO-N-PROPYL-4-(TRIFLUOROMETHYL)ANILINE see: XU5160000
N-(2-CHLOROETHYL)-2,6-DINITRO-N-PROPYL-4-(TRIFLUOROMETHYL)BENZENAMIDE see: XU5160000
1-(2-CHLOROETHYL)-3-(2,6-DIOXO-3-PIPERIDYL)-1-NITROSOUREA see: YS4915000
CHLOROETHYLENE see: KU9625000
CHLOROETHYLENE-1,1-DICHLOROETHYLENE POLYMER see: KV9750000
4-CHLORO-6-ETHYLENEIMINO-2-PHENYLPYRIMIDINE see: UV8100000
CHLOROETHYLENE OXIDE see: KH7705000
CHLOROETHYLENE POLYMER see: KV0350000
CHLOROETHYLENEVINYL ACETATE POLYMER see: AK0950000
CHLOROETHYL ETHER see: KN0875000
1-(2-CHLOROETHYL)-4-(5(and 8)-ETHOXY-1,4-BENZODIOXAN-2-YLMETHYL)-PIPERAZINE DIHYDROCHLORIDE see: TM0809500
N-(2-CHLOROETHYL)-2-ETHOXY-5-NITROBENZYLAMINE see: DP2700000 BENZYLAMINE, N-(2-CHLOROETHYL)2-ETHOXY-5-NITRO-
2-((2-CHLOROETHYL)ETHYLAMINO)ETHANOL see: KK1370000
beta-(N-(2-CHLOROETHYL)-N-ETHYLAMINO)-2-ISOPROPYL-5-METHYLPHENETOLE HYDROCHLORIDE see: SI7716500
9-((2-CHLOROETHYL)ETHYLAMINOMETHYL)ANTHRACENE HYDROCHLORIDE see: CB0703000
2-(N-(2-CHLOROETHYL)-N-ETHYLAMINOMETHYL)-1,4-BENZODIOXAN HYDROCHLORIDE see: DF3703500
9-((3-((2-CHLOROETHYL)ETHYLAMINO)PROPYL)AMINO)ACRIDINE DIHYDROCHLORIDE see: TX6880000
7-((3-((2-CHLOROETHYL)ETHYLAMINO)PROPYL)AMINO)BENZO(b)(1,10)PHENANTHROLINE DIHYDROCHLORIDE see: TX7008000
N-(2-CHLOROETHYL)-N-ETHYLANILINE see: BX1300000
N-(2-CHLOROETHYL)-N-ETHYL-9-ANTHRACENEMETHYLAMINE HYDROCHLORIDE see: CB0703000
N-(2-CHLOROETHYL)-N ETHYL-1,4-BENZODIOXAN-2-METHYLAMINE HYDROCHLORIDE see: DF3703500
N-(2-CHLOROETHYL)-N-ETHYL-9-FLUORENAMINE HYDROCHLORIDE see: LL5160000
N-(2-CHLOROETHYL)-N-ETHYLFLUOREN-9-AMINE HYDROCHLORIDE see: LL5160000
1-(2-CHLOROETHYL)-3-(beta-D-GLUCOPYRANOSYL)-1-NITROSOUREA see: YS4981000
1-(2-CHLOROETHYL)-3-(D-GLUCOPYRANOS-2-YL)-1-NITROSOUREA see: LZ5758000
N-(2'-CHLOROETHYL)HELIOTRIDANE CHLORIDE see: UY8419400 1H-PYRROLIZINIUM, HEXAHYDRO-4-(2-CHLOROETHYL)-1-METHYL-, CHLORIDE, (1S-(1-alpha,7a-beta))-
1-(m-CHLORO-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)PYRIDINIUM BROMIDE see: UU3863000
5-CHLORO-3-ETHYL-2-HYDROXYBENZALDEHYDE OXIME see: CU5186500
5-CHLORO-3-ETHYL-2-HYDROXYBENZENEMETHANOL see: DN9265000
5-CHLORO-3-ETHYL-2-HYDROXYBENZOIC ACID see: DG4999500
5-CHLORO-3-ETHYL-2-HYDROXYBENZYL ALCOHOL see: DN9265000
N-(2-CHLOROETHYL)-N'-(trans-4-HYDROXYCYCLOHEXYL)-N-NITROSOUREA see: YS4983500
1-(2-CHLOROETHYL)-3-(trans-4-HYDROXYCYCLOHEXYL)-1-NITROSOUREA see: YS4983500
1-(2-CHLOROETHYL)-3-(2-HYDROXYETHYL)-1-NITROSOUREA see: YS4986000
2-CHLOROETHYL 2-HYDROXYETHYL SULFIDE see: KK1750000
alpha-CHLOROETHYLIDENE FLUORIDE see: KH7650000
CHLOROETHYLMERCURY see: OV9800000
beta-CHLOROETHYL METHACRYLATE see: OZ3855000 METHACRYLIC ACID, 2-CHLOROETHYL ESTER
2-CHLOROETHYL METHACRYLATE see: OZ3855000 METHACRYLIC ACID, 2-CHLOROETHYL ESTER
CHLOROETHYL METHACRYLATE see: OZ3855000 METHACRYLIC ACID, 2-CHLOROETHYL ESTER
beta-CHLOROETHYLMETHANESULFONATE see: KK1960000
2-CHLOROETHYL METHANESULFONATE see: KK1960000
CHLOROETHYL METHANESULPHONATE see: KK1960000
5-CHLORO-3-ETHYL-2-METHOXYBENZENEMETHANOL see: DN9266000
5-CHLORO-3-ETHYL-2-METHOXYBENZYL ALCOHOL see: DN9266000
2-CHLORO-6'-ETHYL-N-(2-METHOXY-1-METHYLETHYL)ACET-o-TOLUIDIDE see: AN3430000
N-(2-CHLOROETHYL)-2-METHOXY-5-NITROBENZYLAMINE see: DP2950000 BENZYLAMINE, N-(2-CHLOROETHYL)-2-METHOXY-5-NITRO-
N-CHLOROETHYL-N-METHYL-AMINOAZOBENZENE see: BX1393000
2-((2-CHLOROETHYL)METHYLAMINO)ETHANOL see: KK1400000
2-((2-CHLOROETHYL)METHYLAMINO)ETHANOL ACETATE see: KK1575000
2-(N-(2-CHLOROETHYL)-N-METHYL-2-AMINOETHYL)-1,4-BENZODIOXAN HYDROCHLORIDE see: DF3519000
CHLOROETHYLMETHYLAMINOMETHYL-ARCTIGENIN see: LU3483000
3-(5-(((2-CHLOROETHYL)METHYLAMINO)METHYL)VANILLYL)DIHYDRO-4-VERATRYL-2(3H)-FURANONE HCl see: LU3483000
N-(2-CHLOROETHYL)-N-METHYL-p-ARSANILIC ACID see: CF9493000
N-(2-CHLOROETHYL)-N-METHYL-1,4-BENZODIOXAN-2-ETHYLAMINE HYDROCHLORIDE see: DF3519000
2-CHLOROETHYL 1-METHYL-2-(p-t-BUTYLPHENOXY)ETHYL SULPHATE see: WT2975000
N-(2-CHLOROETHYL)-N'-(trans-4-METHYLCYCLOHEXYL)-N-NITROSOUREA see: YS5000000
1-(2-CHLOROETHYL)-3-(trans-4-METHYL-CYCLOHEXYL)-1-NITROSOUREA see: YS5000000
1-(2-CHLOROETHYL)-3-(4-METHYL-CYCLOHEXYL)-1-NITROSOUREA see: YS5000000
N-(2'-CHLOROETHYL)-1-METHYLHEPYRROLIZIDINE CHLORIDE see: UY8419500 1H-PYRROLIZINIUM,HEXAHYDRO-4-(2-CHLOROETHYL)-1-METHYLENE-, CHLORIDE
6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)-1,3,5-TRIAZINE-2,4-DIAMINE see: XY5600000
alpha-CHLORO-2'-ETHYL-6'-METHYL-N-(1-METHYL-2-METHOXYETHYL)-ACETANILIDE see: AN3430000
N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)BENZENEMETHANAMINE see: DP3500000
N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)BENZENEMETHANAMINE HYDROCHLORIDE see: DP3750000
N-(2-CHLOROETHYL)-N-(1 METHYL-2-PHENOXYETHYL)BENZYLAMINE see: DP3500000
N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)BENZYLAMINE, HYDROCHLORIDE see: DP3750000
N-(2-CHLOROETHYL)-N-METHYL-4-(PHENYLAZO)ANILINE see: BX1393000
2-CHLORO-N-(2-ETHYL-6-METHYLPHENYL)-N-(2-METHOXY-1-METHYLETHYL)ACETAMIDE see: AN3430000
trans-1-(2-CHLOROETHYL)-1-(2-METHYL-1,1,3,3-TETRAOXO-m-DITHIAN-5-YL)-3-NITROSOUREA see: YS5014000
5-(2-CHLOROETHYL)-4-METHYLTHIAZOLE ETHANEDISULFONATE see: XJ3860000
N-(2-CHLOROETHYL)-N-METHYL-3-(TRIETHYLSILYL)PROPYLAMINE HYDROCHLORIDE see: UI0450000
3'-CHLORO-alpha-ETHYL-4-MORPHOLINEACETANILIDE see: QD6495150
1-(2-CHLOROETHYL)-3-MORPHOLINO-1-NITROSOUREA see: YS5014450
N-(beta-CHLOROETHYL)-N-NITROSOACETAMIDE see: AB5600000
N-(2-CHLOROETHYL)-N-NITROSOACETAMIDE see: AB5600000
2-((((2-CHLOROETHYL)NITROSOAMINO)CARBONYL)AMINO)-2-DEOXY-D-GLUCOSE see: LZ5758000
N-(N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-L-ALANYL)-L-LEUCINE METHYL ESTER see: OH2940000
L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)ASPARTIC ACID DIMETHYL ESTER see: CI9190000
L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)GLUTAMIC ACID DIMETHYL ESTER see: MA0957000
L-N-((?-CHLOROETHYL)NITROSOCARBAMOYL)LEUCINE METHYL ESTER see: OH2945000
L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)METHIONINE METHYL ESTER see: PD0590000
L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)SERINE METHYL ESTER see: VT9606000
L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)SERINE METHYL ESTER ACETATE (ester) see: VT9607000
L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)SERINE METHYL ESTER CHLOROACETATE (ester) see: VT9608000
L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)SERINE METHYL ESTER p-NITROBENZOATE (ester) see: VT9609500
L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)VALINE METHYL ESTER see: YV9396000
N-(CHLORO-2 ETHYL)N-NITROSOCARBAMOYL L-PROLYL L-LEUCINAMIDE (French) see: UY7352650
N-(CHLORO-2 ETHYL) N-NITROSOCARBAMOYL L-PROLYL L-LEUCINE CHLORO-2 ETHYLAMIDE (French) see: UY0298500
N-(CHLORO-2 ETHYL) N-NITROSOCARBAMOYL L-PROLYL L-LEUCYL GLYCINAMIDE (French) see: UY0298100
N-(CHLORO-2 ETHYL) N-NITROSOCARBAMOYL L-PROLYL L-LEUCYL GLYCINE CHLORO-2 ETHYLAMIDE (French) see: UY0298700
1-(2-CHLOROETHYL)-1-NITROSO-3-(METHYLENECARBOXAMIDO)UREA see: AF9172000
1-(2-CHLOROETHYL)-1-NITROSO-3-RIBOPYRANOSYLUREA 2',3',4'-TRIACETATE see: YS5079500
N-(2-CHLOROETHYL)-N-NITROSOUREA see: YS5015000
1 (2-CHLOROETHYL)-1-NITROSOUREA see: YS5015000
2-(3-(2-CHLOROETHYL)-3-NITROSOUREIDO)-2-DEOXY-D-GLUCOSOPYRANOSE see: LZ5758000
2-(3-(2-CHLOROETHYL)-3-NITROSOUREIDO)-D-GLUCO-PYRANOSE see: LZ5758000
N-(beta-CHLOROETHYL)-N-NITROSOURETHAN see: EZ2100000
2-CHLOROETHYL-N-NITROSOURETHANE see: EZ2100000
CHLOROETHYLOWY ALKOHOL (Polish) see: KK0875000
1-CHLORO-3-ETHYL-1-PENTEN-4-YN-3-OL see: SB4725000
CHLOROETHYLPHENAMIDE see: UE3150000
2-CHLORO-6-ETHYLPHENOL see: SK4300000
4-CHLORO-2-ETHYLPHENOL see: SK4310000
4-CHLORO-2-ETHYLPHENOL ACETATE see: SK4330000
2-(4-CHLORO-2-ETHYLPHENOXY)ETHANOL see: KK1577000
2-(2-CHLORO-4-ETHYLPHENOXY)-5-METHYL-BENZENEACETIC ACID see: CY1576250
5-CHLORO-1-ETHYL-3-PHENYL-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE see: NJ5830910
2-CHLOROETHYLPHOSPHONIC ACID see: SZ7100000
(2-CHLOROETHYL)PHOSPHONIC ACID DIETHYL ESTER see: SZ7110000 PHOSPHONIC ACID, (2-CHLOROETHYL)-, DIETHYL ESTER
(2-CHLOROETHYL)PHOSPHONIC ACID MONOETHYL ESTER see: SZ7115000 PHOSPHONIC ACID, (2-CHLOROETHYL)-, MONOETHYL ESTER
4-(2-CHLOROETHYL)-1-PIPERAZINECARBOXYLIC ACID ETHYL ESTER HYDROCHLORIDE see: TL1352000 1-PIPERAZINECARBOXYLIC ACID, 4-(?-CHLOROETHYL)-, ETHYL ESTER, MONOHYDROCHLORIDE
6-CHLORO-17-ETHYLPREGNA-4,6-DIENE-3,20-DIONE see: TU3724000
7-(3-(2-CHLOROETHYL-n-PROPYLAMINO)PROPYLAMINO)BENZO(b)(1,10)-PHENATHROLINE HYDROCHLORIDE see: DI9870000
4-CHLORO-2-ETHYL-6-PROPYLPHENOL see: SK4350000
(CHLORO-2-ETHYL)-1-(RIBOFURANOSYLISOPROPYLIDENE-2'-3'-PARANITROBENZOATE-5')-3-NITROSOUREA see: YS5079000
(CHLORO-2-ETHYL)-1-(RIBOPYRANOSYLTRIACETATE-2',3',4')-3-NITROSOUREA see: YS5079500
2-CHLOROETHYL SULPHITE of 1-(p-t-BUTYLPHENOXY)-2-PROPANOL see: WT2975000
7-CHLORO-2-ETHYL-1,2,3,4-TETRAHYDRO-4-OXO-QUINAZOLINESULFONAMIDE SODIUM see: VA1680000
2-(2-CHLOROETHYLTHIO)ACETIC ACID METHYL ESTER see: AF9192500
2-((2-CHLOROETHYL)THIO)ETHANOL see: KK1750000
5-(3-(2-CHLOROETHYL)TRIAZEN-1-YL)IMIDAZOLE-4-CARBOXAMIDE see: NI3934500 IMIDAZOLE-4-CARBOXAMIDE, 5-(3-(2-CHLOROETHYL)-1 TRIAZENYL)-
N-(2-CHLOROETHYL)-alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-N-PROPYL-p-TOLUIDINE see: XU5160000
(2-CHLOROETHYL)TRIMETHYLAMMONIUM see: BP5100000
(2-CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE see: BP5250000
2-CHLOROETHYL VINYL ETHER see: KN6300000
17-alpha-CHLOROETHYNYL-17-beta-HYDROXY-19-NOR-4,9-ANDROSTADIEN-3-ONE see: RC8900000
17-alpha-CHLOROETHYNYL-19-NOR-4,9-ANDROSTADIEN-17-beta-OL-3-ONE see: RC8900000
17-alpha-CHLOROETHYNYL-3,17-beta-DIMETHOXY-OESTRA-1,3,5(10)-TRIENE see: RC8924800
CHLOROETHYNYL NORGESTREL mixed with MESTRANOL (20:1) see: JF7980000
4-CHLORO-alpha-ETHYNYL-alpha-PHENYLBENZENEMETHANOL CARBAMATE see: EZ3400000
6-alpha-CHLORO-17-alpha-ETHYNYLTESTOSTERONE see: TU5570180
2-(4-CHLOROFENIL)-1,3-INDANDIONE (Italian) see: NK5250000
CHLOROFENIZON see: DB5250000
3-(4-(4-CHLORO-FENOSSIL)-1,1-DIMETIL-UREA (Italian) see: YS6125000
CHLOROFENSONE see: DB5250000
CHLOROFENVINPHOS see: TB8750000
p-CHLOROFENYLESTER KYSELINY BENZENSULFONOVE (Czech) see: DB5600000
N-2-(7-CHLORO)FLUORENYLACETAMIDE see: AB5700000
N-(7-CHLORO-2-FLUORENYL)ACETAMIDE see: AB5703000
2-CHLORO-N-(9-FLUORENYL)DIETHYLAMINE HYDROCHLORIDE see: LL5160000
5'-CHLORO-2-FLUORO-2',4'-DIMETHOXYACETANILIDE see: AE1255000 ACETANILIDE, 5'-CHLORO-2',4'-DIMETHOXY-2-FLUORO-
1-CHLOROFLUOROETHANE see: KH7784000 ETHANE, 1-CHLORO-1-FLUORO-
4'-CHLORO-2-FLUORO-N-(2-HYDROXYETHYL)ACETANILIDE see: AE1420000 ACETANILIDE, 4'-CHLORO-2-FLUORO-N-(2-HYDROXYETHYL)-
21-CHLORO-9-FLUORO-17-HYDROXY-16-beta-METHYLPREGNA-1,4-DIENE-3,11,20-TRIONE BUTYRATE see: TU4154083
CHLOROFLUOROMETHANE see: PA6408000
2'-CHLORO-4'-FLUORO-3,4-METHYLENEDIOXYCHALCONE see: FL7003000
2-CHLORO-1-FLUORO-4-NITROBENZENE see: CZ0720000
3-CHLORO-4-FLUORONITROBENZENE see: CZ0720000
o-CHLORO-N-(m-FLUOROPHENYL)BENZAMIDINE see: CV6134400
7-CHLORO-5-(2-FLUOROPHENYL)-1-METHYL-1H-1,4-BENZODIAZEPIN-2(3H)-ONE see: DF2370305
8-CHLORO-6-(2-FLUOROPHENYL)-1-METHYL-4H-IMIDAZO(1,5-a)(1,4)BENZODIAZEPINE MALEATE see: NI2922200
6-(3-(2-CHLORO-6-FLUOROPHENYL)-5-METHYL-4-ISOXAZOLECARBOXAMIDO)PENICILLANIC ACID SODIUM SALT see: XH8670000
3-(2-CHLORO-6-FLUOROPHENYL)-5-METHYL-4-ISOXAZOLYLPENICILLIN SODIUM MONOHYDRATE see: XH8670000
3-CHLORO-2-FLUORO-1-PROPENE see: UC7700000
CHLOROFURENOL-METHYL ESTER see: LL6070000

FS9100000 CHLOROFORM

UPDT:8412 CAS: 67-66-3 MW: 119.37 MOLFM: C H Cl3

SYN: CHLOROFORM (DOT) * CHLOROFORME (French) * CLOROFORMIO (Italian) * FORMYL TRICHLORIDE * METHANE TRICHLORIDE * METHANE, TRICHLORO- * METHENYL TRICHLORIDE * METHYL TRICHLORIDE * NCI-C02686 * R 20 * R 20 (REFRIGERANT) * RCRA WASTE NUMBER U044 * TCM * TRICHLOORMETHAAN (Dutch) * TRICHLORMETHAN (Czech) * TRICHLOROFORM * TRICHLOROMETHANE * TRICLOROMETANO (Italian) * UN 1888 (DOT)

IRRITATION DATA AND REFERENCES.

skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

eye-rbt 148 mg AIHAAP 37,697.76

MUTATION DATA AND REFERENCES:
mmo-sat 20 ug/plate PMRSDJ 1,280,81
mmo-sat 20 ug/plate PMRSDJ 1,280,81
dnr-esc 500 mg/L PMRSDJ 1,195,81
dnr-smc 100 mg/L PMRSDJ 1,502,81
cyt-smc 5 mmol/tube HEREAY 33,457,47
mma-ssp 5 mg/L PMRSDJ 1,424,81
oms-grh-ihl 362 mg/L MUREAV 113,467,83
sce-hma-lym 10 mmol/L ENVRAL 32,72,83
dnd-rat-orl 1 umol/kg CBINAB 33,301,81
sce-mus-ihl 300 ppm/6H IGAYAY 122,978,82
sce-mus-orl 200 mg/kg/4D-I ENVRAL 32,72,83
spm-mus-ihl 400 ppm/4H/5D-I ANESAV 54,53,81
otr-ham-kdy 4430 mg/L PMRSDJ 1,626,81
oms-ham-fbr 1 ppb ANESAV 43,21,75
dnd-mam-lym 1 mmol/L TOLED5 11,243,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 orl-rat TDLo:1260 mg/kg (6-15D preg) TXAPA9 29,348,74
3T291T34T46 ihl-rat TCLo:30 ppm/7H (6-15D preg) TXAPA9 28,442,74
2T50T55 ihl-rat TCLo:100 ppm/7H (6-15D preg) TXAPA9 28,442,74
2T22T25 ihl-rat TCLo:300 ppm/7H (6-15D preg) TXAPA9 28,442,74
2T34T35 ihl-rat TCLo:20100 ug/m3/1H (7-14D preg) NTIS** PB277-077
2T81T83 orl-mus TDLo:2177 mg/kg (3W male/3W pre-7D post) NETOD7 1,199,79
1T87 orl-mus TDLo:2115 mg/kg (3W male/3W pre-5D post) EVHPAZ 46,127,82
3T22T25T34 ihl-mus TCLo:100 ppm/7H (1-7D preg) TXAPA9 50,515,79
1T43 ihl-mus TCLo:100 ppm/7H (8-15D preg) TXAPA9 50,515,79
2T34T46 orl-rbt TDLo:260 mg/kg (6-18D preg) TXAPA9 29,348,74

TUMORIGENIC DATA AND REFERENCES:
3V02M61N62 orl-rat TDLo:70 gm/kg/78W-I NCITR* NCI-CG-TR-0,76
2V01L60 orl-mus TDLo:127 gm/kg/92W-I NCITR* NCI-CG-TR-0,76
3V02M61N62 orl-rat TD:98 gm/kg/78W-I NCITR* NCI-CG-TR-0,76
2V02L60 orl-mus TD:18 gm/kg/17W-I JNCIAM 5,251,45
3V01L60M61 orl-rat TD:7020 mg/kg/78W-I EVHPAZ 31,171,79

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:140 mg/kg 32ZWAA 8,275,74
3F14K13K30 ihl-hmn TCLo:1000 mg/m3/1Y IRGGAJ 24,127,67
1F08 ihl-hmn TCLo:5000 mg/m3/7M AHBAAM 116,131,36
unk-man LDLo:546 mg/kg 85DCAI 2,73,70
3F15P30U01 orl-rat LD50:908 mg/kg JPFCD2 17,205,82
* ihl-rat LCLo:8000 ppm/4H AIHAAP 23,95,62
* orl-mus LD50:36 mg/kg ARTODN (Suppl 2),371,79
ihl-mus LC50:28 gm/m3 PCOC** -,230,66
* ipr-mus LD50:1 gm/kg TXAPA9 45,861,78
scu-mus LD50:704 mg/kg JPETAB 123,224,58
orl-dog LDLo:1000 mg/kg QJPPAL 7,205,34
ihl-dog LC50:100 gm/m3 PCOC** -,230,66
ipr-dog LD50:1000 mg/kg TXAPA9 10,119,67
ivn-dog LDLo:75 mg/kg QJPPAL 7,205,34
ihl-cat LCLo:35000 mg/m3/4H AHBAAM 116,131,36
orl-rbt LDLo:500 mg/kg AEXPBL 97,86,23
ihl-rbt LC50:59 gm/m3 PCOC** -,230,66
scu-rbt LDLo:3000 mg/kg QJPPAL 7,205,34
* orl-gpg LD50:820 mg/kg GISAAA 48(13),10,83
ihl-gpg LCLo:20000 ppm/2H FLCRAP 1,197,67
ihl-frg LCLo:6000 mg/m3 AEXPBL 97,86,23
ihl-mam LCLo:25000 ppm/5M AEPPAE 138,65,28

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARZNAD 24(2),173,74; AJMEAZ 38,409,65; FNSCA6 2,67,73; DCTODJ 1(3),259,78; BNYMAM 54,413,76; CTOXAO 13,231,78

★ CARCINOGENIC REVIEW:ANIMAL:POSITIVE IARC** 20,401,79
★ CARCINOGENIC REVIEW:HUMAN:SUSPECTED IARC** 20,401,79
★ CARCINOGENIC REVIEW:ANIMAL:SUSPECTED IARC** 1,61,72
★ TLV-TWA 10 ppm DTLVS* 4,90,80
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,90,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 50 ppm (SCP-J) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172,101,82
★ DOT-IMO-POISON B; LABEL:POISON CFRGBR 49,172,102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHLOROFORM recm std-air:CL 2 ppm/60M NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO WASTE ANESTHETIC GASES AND VAPORS recm std-air:CL 2 ppm/1H NTIS**

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT(NCITR* NCI-CG-TR-1976)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS. 1982
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed. see: METHOD 1003
★ NIOSH CURRENT INTELLIGENCE BULLETIN 9, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JAN'ARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0979-0310,8EHQ-0180-0324
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHLOROFORM (DOT) see: FS9100000
CHLOROFORMATES (DOT) see: LQ3650000
CHLOROFORME (French) see: FS9100000
CHLOROFORMIATE DE METHYLE (French) see: FG3675000
CHLOROFORMIC ACID BENZYL ESTER see: LQ3860000
CHLOROFORMIC ACID BUTYL ESTER see: LQ5890000
CHLOROFORMIC ACID DIMETHYLAMIDE see: FD4200000
CHLOROFORMIC ACID ETHYL ESTER see: LQ6125000
CHLOROFORMIC ACID ISOPROPYL ESTER see: LQ6475000
CHLOROFORMIC ACID METHYL ESTER see: FG3675000
CHLOROFORMIC ACID PHENYL ESTER see: FG3850000
CHLOROFORMIC DIGITALIN see: IH6125000
CHLOROFORM, METHYL- see: KJ2975000
CHLOROFORM, NITRO- see: PB6300000
CHLOROFORMYL CHLORIDE see: SY5600000
7-CHLORO-2-FORMYLCINCHONINIC ACID AMIDINOHYDRAZONE see: GD3861000
7-CHLORO-2-FORMYLCINCHONINIC ACID 2-(2-HYDROXYETHYL)HYDRAZONE HYDROGENSULFATE (ester) see: GD3861500
7-CHLORO-2-FORMYLCINCHONINIC ACID 2-METHYLHYDRAZONE see: GD3862000
7-CHLORO-2-FORMYLCINCHONINIC ACID (5-NITRO-2-FUROYL)HYDRAZONE see: GD3862500
7-CHLORO-2-FORMYLCINCHONINIC ACID OXIME see: GD3862700
7-CHLORO-2-FORMYLCINCHONINIC ACID 3-THIOSEMICARBAZIDE see: GD3862800
3-CHLORO-4'-FORMYL 1,1'-(OXYDIMETHYLENE)DIPYRICINIUM DICHLORIDE OXIME see: UU3865500
CHLOROFOS see: TA0700000
CHLOROFTALM see: TA0700000
4-CHLORO-N-FURFURYL-5-SULFAMOYLANTHRANILIC ACID see: CB2625000
4-CHLORO-N-(2-FURYLMETHYL)-5-SULFAMOYLANTHRANILIC ACID see: CB2625000
CHLOROGENIC ACID see: GU8480000
CHLOROGUANIDE see: DU1225000
CHLOROGUANIDE HYDROCHLORIDE see: DU1750000
CHLOROGUANIDINE HYDROCHLORIDE see: DU1750000
6-CHLOROGUANINE see: UO7502000 PURINE, 2-AMINO-6-CHLORO-
(Z,Z)-3-CHLORO-2,4-HEXADIENEDIOIC ACID see: MM2245000
2-CHLORO-10-(3-(HEXAHYDROPYRROLO(1,2-a)PYRAZIN-2(1H)-YL) PROPIONYL)PHENOTHIAZINE 2HCL see: SN7700000
CHLOROHEXYL-m-CRESOL see: GO7143750
4-CHLORO-2-HEXYLPHENOL see: SK4375000
CHLOROHYDRIC ACID see: MW4025000
alpha-CHLOROHYDRIN see: TY4025000
dl-alpha-CHLOROHYDRIN see: TY4202000
epi-CHLOROHYDRIN see: TX4900000
CHLOROHYDROL see: BD0550000
5-CHLORO-4-(HYDROXYAMINO)QUINOLINE 1-OXIDE see: VB2975000
6-CHLORO-4-(HYDROXYAMINO)QUINOLINE 1-OXIDE see: VB3150000
7-CHLORO-4-(HYDROXYAMINO)QUINOLINE 1-OXIDE see: VB3325000
2-alpha-CHLORO-17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME see: BV8047730
2-alpha-CHLORO-17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME ACETATE see: BV8047600
2-(p-CHLORO-alpha-HYDROXYBENZYL)CYCLOHEXANONE + e: GW1260000
5-CHLORO-2-HYDROXYDIPHENYLMETHANE see: GO7175000
10-beta-CHLORO-17-beta-HYDROXY-delta(sup 1,4)-ESTRADIENE-3-ONE see: KG2920000
10-beta-CHLORO-17-beta-HYDROXYESTRA-1,4-DIEN-3-ONE see: KG2920000
5-CHLORO-3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)CARBONYLMETHYL-2-BENZOTHIAZOLINONE see: TL7050000
2-CHLORO-10-3-(1-(2-HYDROXYETHYL)-4-PIPERAZINYL)PROPYL PHENOTHIAZINE see: TL7175000
1-CHLORO-3-(2-HYDROXYETHYL)-2-PROPANOL see: UA9050000
5-CHLORO-8-HYDROXY-7-IODOQUINOLINE see: VC5075000
2-CHLORO-9-HYDROXY-9-METHYLCARBOXYLATEFLUORENE see: LL6070000
3-CHLORO-7-HYDROXY-4-METHYLCOUMARIN BIS(2-CHLOROETHYL)PHOSPHATE see: GN5250000
3-CHLORO-7-HYDROXY-4-METHYL-COUMARIN O,O-DIETHYL PHOSPHOROTHIOATE see: GN6300000
3-CHLORO-7-HYDROXY-4-METHYL-COUMARIN O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE see: GN6300000
6-CHLORO-17-HYDROXY-1-alpha,2-alpha-METHYLENEPREGNA-4,6-DIENE-3,20-DIONE ACETATE see: GZ2230000
6-CHLORO-17-HYDROXY-16-METHYLENEPREGNA-4,6-DIENE-3,20-DIONE ACETATE see: TU3801000
(-)-N-((5-CHLORO-8-HYDROXY-3-METHYL-1-OXO-7-ISOCHROMANYL)CARBONYL)-3-PHENYLALANINE see: AY4375000
N-((3R)-5-CHLORO-8-HYDROXY-3-METHYL-1-OXO-7-ISOCHROMANYL)CARBONYL)-3-PHENYL-L-ALANINE see: AY4375000
6-CHLORO-17-alpha-HYDROXY-16-alpha-METHYLPREGNA-4,6-DIENE-3,20-DIONE see: TU3780000
5-CHLORO-2-((2-HYDROXY-1-NAPHTHALENYL)AZO)-4-METHYLBENZENESULFONIC ACID, BARIUM SALT (2:1) see: DB5500000
5-CHLORO-2-((2-HYDROXY-1-NAPHTHALENYL)AZO)-4-METHYLBENZENESULPHONIC ACID, BARIUM SALT see: DB5500000
5-CHLORO-2-((2-HYDROXY-1-NAPHTHYL)AZO)-p-TOLUENESULFONIC ACID, BARIUM SALT see: DB5500000
3-CHLORO-5-HYDROXY-2-PENTANONE ACETATE see: SA8146500 2-PENTANONE, 3-CHLORO-5-HYDROXY-, ACETATE
4-CHLORO-3-(3-HYDROXY-3-PENTYL)PYRAZOLE see: UQ7158000
7-CHLORO-3-HYDROXY-5-PHENYL-1,3-DIHYDRO-2H-1,4-BENZODIAZEPIN-2-ONE see: DF1400000
4-((3-CHLORO-4-HYDROXYPHENYL)IMINO)-2,6-DICHLORO-2,5-CYCLOHEXADIEN-1-ONE SODIUM SALT see: GU5433500
CHLORO(o-HYDROXYPHENYL)MERCURY see: OW0350000
(4-CHLORO-3-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) see: BP5275000
6-CHLORO-17-HYDROXYPREGNA-4,6-DIENE-3,20-DIONE see: TU3730000
6-CHLORO-17-alpha-HYDROXYPREGNA-4,6-DIENE-3,20-DIONE ACETATE see: TU3750000
6-alpha-CHLORO-17-alpha-HYDROXYPREGNA-1,4-DIENE-3,20-DIONE ACETATE (ester) see: TU3751000
6-CHLORO-17-alpha-HYDROXYPREGNA-1,4,6-TRIENE-3,20-DIONE ACETATE (ester) see: TU4521000
12-alpha-CHLORO-11-alpha-HYDROXYPREGN-4-ENE-3,20-DIONE see: TU5010260
9-alpha-CHLORO-11-beta-HYDROXYPREGN-4-ENE-3,20-DIONE see: TU5010250
3-beta-CHLORO-17-alpha-HYDROXYPREGN-5-EN-20-ONE ACETATE (ester) see: TU5544500
6-alpha-CHLORO-11-HYDROXYPREGN-4-ENE-3,20-DIONE ACETATE see: TU5010300
6-alpha-CHLORO-17-beta-HYDROXY-17-alpha-PREGN-4-EN-20-YN-3-ONE see: TU5570180
6-CHLORO-17-alpha-HYDROXY-delta(sup 6)-PROGESTERONE ACETATE see: TU3750000
5-(3-CHLORO-2-HYDROXYPROPOXY)-1-PENTANOL see: SA5900000
1-(3-CHLORO-2-HYDROXYPROPYL)-2-METHYL-5-NITROIMIDAZOLE see: NI5460000
2-CHLORO-9-(3-(4-(3-HYDROXYPROPYL)PIPERAZINYL)PROPYL)THIOXANTHENE DIHYDROCHLORIDE see: TM2665000
2-CHLORO-10-(3-(1-(3-HYDROXYPROPYL)-4-PIPERAZINYL)PROPYL)THIAXANTHENE DIHYDROCHLORIDE see: TM2665000
2-CHLORO-HYDROXYTOLUENE see: GO7100000
6-CHLORO-3-HYDROXYTOLUENE see: GO7100000
CHLORO-IFK see: FD8050000
3-CHLOROIMIPRAMINE see: HN9050000
3-CHLOROIMIPRAMINE HYDROCHLORIDE see: HN9050500
CHLOROIMIPRAMINE MONOHYDROCHLORIDE see: HN9050500
CHLOROIN see: VB2450000
(3-CHLORO-p-(2H-INDAZOL-2-YL)PHENYL)ACETIC ACID see: AF9260000
2-(3-CHLORO-p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID see: UE8940000
2-(p-(6-CHLORO-2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID see: UE8930000
5-CHLORO-1H-INDOL-3-YL 4-PIPERIDINYLMETHYL KETONE HYDROCHLORIDE see: OB1598500
5-CHLORO-7-IODO-8-HYDROXYQUINOLINE see: VC5075000
CHLORIODOQUINE see: VC5075000
5-CHLORO-7-IODO-8-QUINOLINOL see: VC5075000
CHLORO-IPC see: FD8050000
2-CHLOROISOBUTANE see: TX5040000
alpha-CHLOROISOBUTYLENE see: UC8045000
gamma-CHLOROISOBUTYLENE see: UC8050000
(3-CHLORO-4-ISOBUTYLPHENYL)ACETIC ACID see: AF9273000
1-(3-CHLORO-4-ISOBUTYLPHENYL)CYCLOPROPANECARBOXYLIC ACID see: GZ1227600
2-(3-CHLORO-4-ISOBUTYLPHENYL)PROPIONIC ACID see: UE8945000
1-CHLORO-3-ISOPROPOXY-2-PROPANOL see: UA9101000
alpha,o-CHLORO-N-ISOPROPYLACETANILIDE see: AE1575000
2-CHLORO-N-ISOPROPYLACETANILIDE see: AE1575000
o-CHLORO-alpha-((ISOPROPYLAMINO)METHYL)BENZYL ALCOHOL HYDROCHLORIDE HYDRATE see: DN9500000
beta-CHLORO-N-ISOPROPYL-2-NAPHTHALENEETHYLAMINE HYDROCHLORIDE see: QJ7000000
2-CHLORO-N-ISOPROPYL-N-PHENYLACETAMIDE see: AE1575000
5-CHLORO-1-ISOPROPYL-3-PHENYL-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE see: NJ5830920

BEST COPY AVAILABLE

CHLOROMADINONE ACETATE see: TU3750000
6-CHLOROMELATONIN see: AB5750000
5-(6-CHLORO-3-(MERCAPTOMETHYL)-2-BENZOXAZOLINONE) O,O-DIETHYL PHOSPHORODITHIOATE see: TD5175000
(CHLOROMERCURI)BENZENE see: OW1400000
p-CHLORO-MERCURIC BENZOIC ACID see: OV8050000
3-CHLOROMERCURI-4-METHOXY-8-METHYL-1,6,8-TRIAZABICYCLO(4.3.0)NONANE-7,9-DIONE see: UR5885000
1-(3-(CHLOROMERCURI)-2-METHOXYPROPYL)UREA see: OW1050000
o-CHLOROMERCURIPHENOL see: OW0350000
p-CHLOROMERCURIPHENOL see: OW0525000
CHLOROMERIDIN see: OW1050000
CHLOROMERODRIN see: OW1050000
CHLOROMETHANE see: PA6300000
CHLOROMETHANE SULFONATE d'ETHYLE (French) see: KK1960000
CHLOROMETHAPYRILENE see: US7350000
2-CHLORO-2'-METHOXYACETANILIDE see: AE8293000
2-((3-((6-CHLORO-2-METHOXY-9-ACRIDINYL)AMINO)PROPYL)ETHYLAMINO)ETHANOL DIHYDROCHLORIDE see: KK1960510
1-((6-CHLORO-2-METHOXY-9-ACRIDYL)-AMINO)-3-(DIETHYLAMINO)-2-PROPANOL DIHYDROCHLORIDE see: UA9120000
N-(4-(2-(5-CHLORO-2-METHOXYBENZAMIDO)ETHYL)PHENYLSULFONYL)-N'-CYCLOHEXYLUREA see: YS4725200
1-((5-CHLORO-2-METHOXYBENZYL)METHYLAMINO)-3-(2-DIETHYLAMINO)ETHYL)-3-PHENYL-2-INDOLINONE see: NM2088700
1-((1-(5-CHLORO-2-METHOXYBENZYL)-4-PIPERIDYL)AMINO)PYRIMIDINE see: UV8112800
CHLOROMETHOXYETHANE see: KN6430000
CHLORO(2-METHOXYETHYL)MERCURY see: OW0875000
N-(2-(6-CHLORO-5-METHOXY-1H-INDOL-3-YL)ETHYL)ACETAMIDE see: AB5750000
N-(2-(6-CHLORO-5-METHOXY-3-INDOLYL)-1-METHYLETHYL)ACETAMIDE see: AB5760000
N-(2-(6-CHLORO-5-METHOXY-3-INDOLYL)ETHYL)BUTYRAMIDE see: ES4306100
N-(2-(6-CHLORO-5-METHOXY-3-INDOLYL)ETHYL)PROPIONAMIDE see: UE3240000
2-CHLORO-3-METHOXY-1,4-NAPHTHOQUINONE see: QL7478000
3-CHLORO-7-METHOXY-9-(1-METHYL-4-DIETHYLAMINOBUTYLAMINO)ACRIDINE see: AR7700000
3-CHLORO-7-METHOXY-9-(1-METHYL-4-DIETHYLAMINOBUTYLAMINO)ACRIDINE DIHYDROCHLORIDE see: AR7875000
6-CHLORO-5-METHOXY-alpha-METHYLMELATONIN see: AB5760000
4'-CHLORO-7-METHOXY-3-METHYL-8-(PIPERIDINOMETHYL)FLAVONE see: LK8258500
4'-CHLORO-7-METHOXY-3-METHYL-8-(1-PYRROLIDINYLMETHYL)FLAVONE see: LK8258700
2-CHLORO-N-((4-METHOXY-6-METHYL-1,3,5-TRIAZIN-2-YL)AMINOCARBONYL)-BENZENESULFONAMIDE see: YS6640000
5-CHLORO-2-METHOXY-4-NITRO-N-(2-(1-PIPERIDINYL)ETHYL)-BENZENESULFONAMIDE HYDROCHLORIDE see: DB1556600
2-((5-CHLORO-2-METHOXYPHENYL)AZO)-1H-IMIDAZOLE see: NI4396300
o-CHLORO-N-(o-METHOXYPHENYL)BENZAMIDINE see: CV6136000
o-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDINE see: CV6136100
4-(p-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDO)BUTYRIC ACID see: ES8352000 BUTYRIC ACID, 4-(p-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDO)-
1-(5-CHLORO-2-METHOXYPHENYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1192000
1-(3-CHLORO-4-(p-METHOXYPHENYL)-2-BUTENYL)PIPERIDINE HYDROCHLORIDE see: TM6483000
N-(3-CHLORO-4-METHOXYPHENYL)-N',N'-DIMETHYLUREA see: YS5775000
4-(2-((5-CHLORO-2-METHOXYPHENYL)SULFONYL)ETHYL)MORPHOLINE HYDROCHLORIDE see: QE0371000
1-(2-((5-CHLORO-2-METHOXYPHENYL)SULFONYL)ETHYL)PIPEPIDINE see: TM6483400
1-(3-((5-CHLORO-2-METHOXYPHENYL)SULFONYL)PROPYL)PIPERIDINE METHANESULFONATE see: TM6483600
1-(3-((5-CHLORO-2-METHOXYPHENYL)SULFONYL)PROPYL)PYRRCLIDINE HYDROCHLORIDE see: UY0703800
5-CHLORO-6-(((((METHYLAMINO)CARBONYL)OXY)IMINO)BICYCLO(2.2.1)HEPTANE-2-CARBONITRILE see: RB7700000
7-CHLORO-10-(2-(METHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE FUMARATE see: HN8630000
8-CHLORO-10-(2-(METHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE FUMARATE see: HN8630100
7-CHLORO-2-METHYLAMINO-5-PHENYL-3H-1,4-BENZODIAZEPINE 4-OXIDE see: DE9275000
7-CHLORO-2-METHYLAMINO-5-PHENYL-3H-1,4-BENZODIAZEPINE, 4-OXIDE, HYDROCHLORIDE see: DE9450000
7-CHLORO-2-METHYLAMINO-5-PHENYL-3H-1,4-BENZODIAZEPIN-4-OXIDE see: DE9275000
p-CHLORO-N-METHYLAMPHETAMINE see: SH0875000
d-1-para-CHLORO-METHYLAMPHETAMINE (French) see: SH0875000
3-CHLORO-4-METHYLANILINE see: XU5111000
3-CHLORO-6-METHYLANILINE see: XU5075000
4-CHLORO-2-METHYLANILINE see: XU5000000
4-CHLORO-6-METHYLANILINE see: XU5000000
5-CHLORO-2-METHYLANILINE see: XU5075000
4-CHLORO-2-METHYLANILINE HYDROCHLORIDE see: XU5250000
4-CHLORO-6-METHYLANILINE HYDROCHLORIDE see: XU5250000
4-(p-CHLORO-N-METHYLBENZAMIDO)PHENYL)BUTYRIC ACID see: ES8357000
5-CHLORO-10-METHYL-1,2-BENZANTHRACENE see: CW0970000
7-CHLOROMETHYLBENZ(a)ANTHRACENE see: CW0960000
7-CHLORO-10-METHYL-1,2-BENZANTHRACENE see: CW0980000
8-CHLORO-7-METHYLBENZ(a)ANTHRACENE see: CW0970000
10-CHLORO-7-METHYLBENZ(a)ANTHRACENE see: CW0980000
4-CHLORO-2-METHYLBENZENAMINE HYDROCHLORIDE see: XU5250000
CHLOROMETHYLBENZENE see: XS8925000
2-CHLORO-1-METHYLBENZENE see: XS9000000
4-CHLORO-1-METHYLBENZENE see: XS9010000
4-CHLORO-2-METHYLBENZENEAMINE see: XU5000000
7-CHLORO-1-METHYL-5-3H-1,4-BENZODIAZEPIN-2(1H)-ONE see: DF1575000
6-CHLOROMETHYLBENZO(a)PYRENE see: DJ4920000
7-CHLORO-3-METHYL-2H-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE see: DK8185000
4-CHLOROMETHYLBIPHENYL see: DV2087000
dl-6-CHLORO-alpha-METHYLCARBAZOLE-2-ACETIC ACID see: FE3180000
6-CHLORO-alpha-METHYL-9H-CARBAZOLE-2-ACETIC ACID see: FE3170000 9H-CARBAZOLE-2-ACETIC ACID,6-CHLORO-alpha-METHYL-
6-CHLORO-alpha-METHYLCARBAZOLE-2-ACETIC ACID see: FE3170000 9H-CARBAZOLE-2-ACETIC ACID, 6-CHLORO-alpha, METHYL-
10-CHLOROMETHYL-9-CHLOROANTHRACENE see: CA9575000
CHLORGMETHYL CHLOROARSINE see: CG9275000
CHLOROMETHYL CHLOROFORMATE see: LQ5970000
CHLOROMETHYLCHLOROFORMATE (DOT) see: LQ5970000
2-(CHLOROMETHYL)-2-((p-CHLOROPHENOXY)METHYL)-1,3-PROPANEDIOL see: TY4225000
3-CHLORO-4-METHYL-7-COUMARINYL DIETHYL PHOSPHATE see: GN5950000
O-3-CHLORO-4-METHYL-7-COUMARINYL O,O-DIETHYL PHOSPHOROTHIOATE see: GN6300000
3-CHLORO-4-METHYL-7-COUMARINYL DIETHYL PHOSPHOROTHIOATE see: GN6300000
CHLOROMETHYL CYANIDE see: AL8225000
6-CHLORO-16-alpha-METHYL-delta(sup 6)-DEHYDRO-17-alpha-ACETOXYPROGESTERONE see: TU3780000
CHLORO-8 METHYL-5 5H-DIBENZ(b,f)AZEPINE 10-ETHANAMINE (French) see: HN7600000
2-(CHLOROMETHYL)-2-((2,4-DICHLOROPHENOXY)METHYL)-1,3-PROPANEDIOL see: TY4225200
S-(CHLOROMETHYL) O,O-DIETHYLPHOSPHORODITHIOATE see: TD5170000
S-CHLOROMETHYL-O,O-DIETHYLPHOSPHOROTHIOLOTHIONATE see: TD5170000
7-CHLORO-2-METHYL-3,3a-DIHYDRO-2H,9H-ISOXAZOLO(3,2-b)(1,3)BENZOXAZIN-9-ONE see: NY3200000
3-CHLORO-4-METHYL-2,6-DIHYDROXYBENZOIC ACID see: VH3708450
3'-CHLORO-4'-METHYL-4-DIMETHYLAMINOAZOBENZENE see: BX1925000
1-CHLORO-2-METHYL-3-DIMETHYLAMINOPROPANE see: UI0670200
2-CHLORO-4-METHYL-6-DIMETHYLAMINOPYRIMIDINE see: UV8050000
6-CHLORO-1,2-alpha-METHYLENE-6-DEHYDRO-17-alpha-HYDROXYPROGESTERONE ACETATE see: GZ2230000
2'-CHLORO-3,4-METHYLENEDIOXY-4'-FLUOROCHALCONE see: FL7003000
6-CHLORO-delta(sup 6)-1,2-alpha-METHYLENE-17-alpha-HYDROXYPROGESTERONE ACETATE see: GZ2230000
6-CHLORO-1,2-alpha-METHYLENE-17-alpha-HYDROXY-delta(sup 6)-PROGESTERONE ACETATE see: GZ2230000
CHLOROMETHYL ETHER see: KN1575000
2-CHLORO-1-METHYL-10-ETHYL-7,8-BENZACRIDINE (French) see: CU3475000
(CHLOROMETHYL)ETHYLENE OXIDE see: TX4900000
(2-CHLORO-1-METHYLETHYL) ETHER see: KN1750000
CHLOROMETHYL ETHYL ETHER see: KN6430000
CHLOROMETHYL ETHYL ETHER (DOT) see: KN6430000
O-(5-CHLORO-1-(METHYLETHYL)-1H-1,2,4-TRIAZOL-3-YL) O,O-DIETHYL PHOSPHOROTHIOATE see: TE7750000
3-CHLORO-4-METHYL-7-HYDROXYCOUMARIN DIETHYL THIOPHOSPHORIC ACID ESTER see: GN6300000
4-CHLORO-N-(2-METHYL-1-INDOLINYL)-3-SULFAMOYLBENZAMIDE see: CV2449850
3-beta-CHLORO-16-beta-METHYL-delta(sup 5)-(17-alpha)-ISOPREGNENE-20-ONE see: TU5545500
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE see: NX8156850
CHLOROMETHYLMERCURY see: OW1225000
2-CHLORO-1-METHYL-3-(METHYLAMINO)-3-OXO-1-PROPENYL DIMETHYL PHOSPHATE see: TC2870000
10-CHLOROMETHYL-9-METHYLANTHRACENE see: CA9630000
7-CHLOROMETHYL-12-METHYLBENZ(a)ANTHRACENE see: CW1000000
N-(2'-CHLOROMETHYL)-1-METHYLENEPYRROLIZIDINE CHLORIDE see: UY8419600 1H-PYRROLIZINIUM,HEXAHYDRO-4-(CHLOROMETHYL)-1-METHYLENE-, CHLORIDE
CHLOROMETHYL METHYL ETHER see: KN6650000
alpha-(CHLOROMETHYL)-2-METHYL-5-NITRO-1H-IMIDAZOLE-1-ETHANOL (9CI) see: NI5460000
5-(CHLOROMETHYL)-4-METHYLTHIAZOLE 1,2-ETHANEDISULFONATE see: XJ3880000
2-(2-CHLOROMETHYL)-2-METHYL-1,2-OXAZETIDINIUM PICRATE see: RP6175000
4-(CHLOROMETHYL)-2-METHYL-2-PENTYL-1,3-DIOXOLANE see: JM6960000
7-CHLORO-10-METHYL-1-(4-METHYL-1-PIPERAZINYL)-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE see: UR6076800
3'-CHLORO-2'-(N-METHYL-N-((MORPHOLINOCARBONYL)METHYL)AMINOMETHYL)BENZANILIDE HYDROCHLORIDE see: DM0450000
7-CHLORO-1-METHYL-3-(4-METHYL-1-PIPERAZINYL)-2,4(1H,3H)-QUINAZOLINEDIONE see: VA1398000
4-CHLORO-N-METHYL-3-(METHYLSULFAMOYL)BENZAMIDE see: CV2450000
1-CHLOROMETHYL-4-METHYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE see: YJ9270295
3'-CHLORO-alpha-(METHYL((MORPHOLINOCARBONYL)METHYL)AMINO)-o-BENZOTOLUIDIDE HYDROCHLORIDE see: DM0450000
3'-CHLORO-beta-(N-METHYL-N-((MORPHOLINOCARBONYL)METHYL)AMINOMETHYL)BENZANILIDE HYDROCHLORIDE see: DM0450000
2-(CHLOROMETHYL)-2-((2-NAPHTHYLOXY)METHYL)-1,3-PROPANEDIOL see: TY4225600
CHLOROMETHYL-2 beta-NAPHTHYLOXYMETHYL-2 PROPANEDIOL-1,3 (French) see: TY4225600
5-CHLORO-3-METHYL-2-NITROBENZOFURAN see: DF6525000
p-CHLORO-N-METHYL-N-NITROSOBENZYLAMINE see: DP4031400
2-CHLORO-N-METHYL-N-NITROSOETHYLAMINE see: KR1970000
6-CHLORO-1-(5-METHYL-1,2,4-OXADIAZOL-3-YL)-3-METHYL-2-BENZIMIDAZOLINONE see: DE1810000
CHLOROMETHYLOXIRANE see: TX4900000
cis-2-CHLORO-3-METHYLOXIRANE see: TX4850010
trans-2-CHLORO-3-METHYLOXIRANE see: TX4850000
2-(CHLOROMETHYL)OXIRANE see: TX4900000
7-CHLORO-1-METHYL-2-OXO-5-PHENYL-3H-1,4-BENZODIAZEPINE see: DF1575000
CHLOROMETHYL-2 PARACHLOROPHENOXYMETHYL-2 PROPANEDIOL-1,3 (French) see: TY4225000
N-(p-CHLORO-alpha-METHYLPHENETHYL)FURFURYLAMINE HYDROCHLORIDE see: LU9720000
N-(p-CHLORO-alpha-METHYLPHENETHYL)-N-METHYLFURFURYLAMINE CYCLOHEXANESULFAMATE see: LU9740000
4-CHLORO-2-METHYLPHENOL see: GO7120000
4-CHLORO-3-METHYLPHENOL see: GO7100000
(4-CHLORO-2-METHYLPHENOXY)ACETIC ACID see: AG1575000
4-CHLORO-2-METHYLPHENOXYACETIC ACID SODIUM SALT see: AG2625000
gamma-(4-CHLORO-2-METHYLPHENOXY)BUTYRIC ACID see: ES8575000
4-(4-CHLORO-2-METHYLPHENOXY)BUTYRIC ACID see: ES8575000
CHLOROMETHYLPHENOXYBUTYRIC ACID SODIUM SALT see: ES8750000
4-(4-CHLORO-2-METHYLPHENOXY)BUTYRIC ACID SODIUM SALT see: ES8750000
1-(2-CHLORO-5-METHYLPHENOXY)-3-(2-(DIPHENYLMETHOXY)ETHYL)-2-PROPYLAMINE HEMIFUMARATE see: UI0515007
2-(4-CHLORO-2-METHYLPHENOXY)PROPANOIC ACID see: UE9750000
(±)-alpha-(4-CHLORO-2-METHYLPHENOXY) PROPIONIC ACID see: UE9750000
2-(4-CHLORO-2-METHYLPHENOXY)PROPIONIC ACID see: UE9750000
4-CHLORO-2-METHYLPHENOXY-alpha-PROPIONIC ACID see: UE9750000
N-(3-CHLORO-2-METHYLPHENYL)ANTHRANILIC ACID see: CB2687500
7-CHLORO-1-METHYL-5-PHENYL-1H-1,5-BENZODIAZEPINE-2,4(3H,5H)-DIONE see: DE9600000
7-CHLORO-1-METHYL-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE see: DF1575000
7-CHLORO-1-METHYL-5-PHENYL-3H-1,4-BENZODIAZEPIN-2(1H)-ONE see: DF1575000
cis-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID see: DF3509420
cis- and trans-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID see: DF3509389
trans-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID see: DF3509390
trans-d-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID see: DF3509410
trans-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID ETHYL ESTER see: DF3509500
cis-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER see: DF3509610
trans-7-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER see: DF3509600
trans-l-6-CHLORO-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID see: DF3509400
(CHLORO-6 METHYL-4 PHENYL-4 (4H) BENZODIOXINE-(1,3)) CARBOXYLATE-2 de METHYLE cis (French) see: DF3509610
2-((p-CHLORO-alpha-METHYL-alpha-PHENYLBENZYL)OXY)-N,N-DIMETHYLAMINE HYDROCHLORIDE see: KR2975000
(±)-2-(2-((p-CHLORO-alpha-METHYL-alpha-PHENYLBENZYL)OXY)ETHYL)-1-METHYL PYRROLIDINE FUMARATE see: UY0704600
7-CHLORO-1-METHYL-5-PHENYL-1,3-DIHYDRO-2H-1,4-BENZODIAZEPIN-2-ONE see: DF1575000
N-(2-CHLORO-6-METHYLPHENYL)-N'-((DIMETHYLAMINO)IMINOMETHYL)-UREA HYDROCHLORIDE see: YS5960000
N'-(4-CHLORO-2-METHYLPHENYL)-N,N-DIMETHYLMETHANIMIDAMIDE see: LQ4375000

BEST COPY AVAILABLE

N-(2-CHLORO-6-METHYLPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-UREA HYDROCHLORIDE see: YS5964000
5-(4-CHLORO-3-METHYLPHENYL) O-ETHYL ETHYLPHOSPHONODITHIOATE see: TA5650000
5-CHLORO-1-METHYL-3-PHENYL-1H-IMIDAZO(4,5-b)PYRIDINE-2(3H)-THIONE see: NJ5820000
5-CHLORO-3-METHYL-1-PHENYL-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE see: NJ5830940
5-CHLORO-1-METHYL-3-PHENYL-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE see: NJ5830930
N-(2-CHLORO-6-METHYLPHENYL)-N'-((IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS5970000
N-(2-CHLORO-6-METHYLPHENYL)-N'-(IMINO(PROPYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS5975000
3-CHLORO-4-METHYLPHENYL ISOCYANATE (DOT) see: NQ8585000
CHLOROMETHYL PHENYL KETONE see: AM6300000
N-(3-CHLORO-4-METHYLPHENYL)-2-METHYLPENTANAMIDE see: YV9103000
S-(4-CHLORO-3-METHYLPHENYL) O-METHYL PHOSPHONODITHIOATE see: TA5670000
5-CHLORO-1-METHYL-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-2-INDOLINONE see: NM2089100
3-(4-CHLORO-2-METHYLPHENYL)-5-PHENYL-s-TRIAZOLE see: XZ4506000
8-CHLORO-11-(4-METHYL-1-PIPERAZINYL)-5H-DIBENZO(b,e)(1,4)DIAZEPINE see: HP1750000
2-CHLORO-11-(4-METHYL-1-PIPERAZINYL)-DIBENZO(b,f)(1,4)OXAZEPINE see: HQ4025000
2-CHLORO-11-(4-METHYL-1-PIPERAZINYL)-DIBENZO(b,f)(1,4)OXOAZEPINE see: HQ4025000
3-CHLORO-1-(4-METHYL-1-PIPERAZINYL)-5-NITROISOQUINOLINE see: NW7183000
CHLORO-3 (N-METHYLPIPERAZINYL-3 PROPYL)-10 PHENOTHIAZINE (French) see: SO2700000
2-CHLORO-10-(3-(1-METHYL-4-PIPERAZINYL)-PROPYL)-PHENOTHIAZINE see: SO2700000
2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZINE see: SO2700000
3-CHLORO-10-(3-(1-METHYL-4-PIPERAZINYL)PROPYL)PHENOTHIAZINE see: SO2700000
2-CHLORO-10-(3-(1-METHYL-4-PIPERAZINYL)PROPYL)PHENOTHIAZINE, DIMALEATE see: SO3150000
2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZINE DIMALEATE see: SO3150000
2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZINE, MALEATE (1:2) see: SO3150000
7-CHLORO-3-(4-METHYL-1-PIPERAZINYL)-2,4(1H,3H)-QUINAZOLINEDIONE see: VA1399000
3-beta-CHLORO-16-alpha-METHYL-delta(sup 5)-PREGNENE-20-ONE see: TU5545000
3-beta-CHLORO-16-alpha-METHYLPREGN-5-EN-20-ONE see: TU5545000
3-beta-CHLORO-16-beta-METHYL-17-alpha-PREGN-5-EN-20-ONE see: TU5545500
2-CHLORO-2-METHYLPROPANE see: TX5040000
1-CHLORO-2-METHYLPROPENE see: UC8045000
1-CHLORO-2-METHYL-1-PROPENE see: UC8045000
3-CHLORO-2-METHYLPROPENE see: UC8050000
3-CHLORO-2-METHYL-1-PROPENE see: UC8050000
2-CHLORO-5-(1-METHYLPROPYL)PHENYL METHYLCARBAMATE see: FB5075000
2-CHLORO-N-(1-METHYL-2 PROPYNYL)ACETANILIDE see: AE1140000
5-CHLORO-1-METHYL-3-(2-PYRAZINYL)-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE see: NJ5830950
4-CHLORO-3-METHYLPYRAZOLE see: UQ6456000
2-(CHLOROMETHYL) PYRIDINE, HYDROCHLORIDE see: US6825000
3-(CHLOROMETHYL) PYRIDINE, HYDROCHLORIDE see: US7000000
4-CHLORO-8-METHYL-10H-PYRIDO(3',2-b)PYRIMIDO(4,2-e)(1,4)THIAZIN-2-AMINE see: UV1173050
5-CHLORO-1-METHYL-3-(2-PYRIDYL)-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE see: NJ5830960
6-CHLORO-4'-(4-METHYL-2-PYRIMIDINYLSULFAMOYL)-4-OXO-4H-1-BENZOPYRAN-2-CARBOXANILIDE see: DJ2260550
7-(CHLOROMETHYL)-1H-PYRROLIZIN-1-beta-OL see: UY8427300
2-CHLORO-4'-METHYL-4-(1-PYRROLYL)BENZOPHENONE see: DJ0420000
1-(6-CHLORO-4-METHYL-2-QUINAZOLINYL)-3-ETHYLGUANIDINE HYDROCHLORIDE HYDRATE see: ME9390000
1-(2-((8-CHLORO-2-METHYL-4-QUINOLINYL)OXY)ETHYL)-1-METHYLPIPERIDINIUM IODIDE see: TN4721900PIPERIDINIUM, 1-(2-((8-CHLORO-2-METHYL-4-QUINOLINYL)OXY)ETHYL)-1-METHYL-, IODIDE
CHLOROMETHYLSILANE see: VV2150000
1-(CHLOROMETHYL)SILATRANE see: YJ9030500
2-CHLORO-4-(METHYLSULFONYL)ANILINE see: BX1399000
2-(CHLOROMETHYL) 2-(((5,6,7,8-TETRAHYDRO-2-NAPHTHYL)OXY)METHYL)-1,3-PROPANEDIOL see: TY4225800
trans-6-CHLORO-4-METHYL-4-(2-THIENYL)-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER see: DF3509700
O-(3-CHLORO-4-(METHYLTHIO)PHENYL O,O-DIMETHYL PHOSPHOROTHIOATE see: TE7800000
2-(CHLOROMETHYL)-2-((m-TOLYLOXY)METHYL)-1,3-PROPANEDIOL see: TY4226000
2-(CHLOROMETHYL)-2-((o-TOLYLOXY)METHYL)-1,3-PROPANEDIOL see: TY4226010
2-(CHLOROMETHYL)-2-((p-TOLYLOXY)METHYL)-1,3-PROPANEDIOL see: TY4226020
(CHLOROMETHYL)TRICHLOROSILANE see: VV2200000 SILANE, CHLOROMETHYLTRICHLORO-
2-CHLORO-N-METHYL-N-(TRIETHYLSILYLMETHYL)ETHYLAMINE HYDROCHLORIDE see: KR3020000
1-(CHLOROMETHYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE see: YJ9030500
3-CHLORO-4-METHYLUMBELLIFERONE BIS(2-CHLOROETHYL)PHOSPHATE see: GN5250000
3-CHLORO-4-METHYLUMBELLIFERONE O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE see: GN6300000
3'-CHLORO-2-METHYL-p VALEROTOLUIDIDE see: YV9103000
11-CHLORO-2-((MORPHOLINOMETHYL)-3a,12b-DIHYDRODIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE see: HQ4235000
2-CHLORO-10-(3-MORPHOLINOPROPYL)PHENOTHIAZINE HYDROCHLORIDE see: SO3400000
3-CHLORO-cis-MUCONIC ACID see: MM2245000
CHLOROMYCETIN see: AB6825000
CHLOROMYCETIN SUCCINATE see: WM9650G00
CHLORONAFTINA see: QM2450000
alpha-CHLORONAPHTHALENE see: QJ2100000
beta-CHLORONAPHTHALENE see: QJ2275000
1-CHLORONAPHTHALENE see: QJ2100000
2-CHLORONAPHTHALENE see: QJ2275000
N-((2-CHLORO-1-NAPHTHALENYL)METHYLENE)-2,6-DIMETHYL-3-PYRIDINAMINE see: UR8120000
N-((2-CHLORO-1-NAPHTHALENYL)METHYLENE)-2-METHOXYBENZENAMINE see: CX9858595
N-((2-CHLORO-1-NAPHTHALENYL)METHYLENE)-2-METHYLBENZENAMINE see: CX9858597
N-(2-CHLORO-1-NAPHTHYLIDENE)-3-AMINO-2,6-LUTIDENE see: UR8120000
N-(2-CHLORO-1-NAPHTHYLIDENE)-O-ANISIDINE see: CX9858595
N-(2-CHLORO-1-NAPHTHYLIDENE)-O-TOLUIDINE see: CX9858597
CHLORONAPHTHINE see: QM2450000
o-CHLORO-N-1-NAPHTHYLBENZAMIDINE see: CV6136300
o-CHLORO-N-2-NAPHTHYLBENZAMIDINE see: CV6136400
CHLORONASE see: YS6650000
CHLORONEB see: CZ4750000
CHLORONEBE (French) see: CZ4750000
CHLORONITRIN see: AB6825000
o-CHLORO-p-NITROANILINE see: BX1400000
p-CHLORO-o-NITROANILINE see: BX1575000
2-CHLORO-4-NITROANILINE see: BX1400000
4-CHLORO-2-NITROANILINE see: BX1575000
4-CHLORO-3-NITROANILINE see: BX1750000
CHLORONITROANILINES (DOT) see: BX1399700
CHLORONITROBENZENE see: CZ0855000
m-CHLORONITROBENZENE see: CZ0940000
CHLORO-m-NITROBENZENE see: CZ0940000
CHLORO-o-NITROBENZENE see: CZ0875000
o-CHLORONITROBENZENE see: CZ0875000
p-CHLORONITROBENZENE see: CZ1050000
1-CHLORO-2-NITROBENZENE see: CZ0875000
1-CHLORO-3-NITROBENZENE see: CZ0940000
1-CHLORO-4-NITROBENZENE see: CZ1050000
2-CHLORO-1-NITROBENZENE see: CZ0875000
4-CHLORO-1-NITROBENZENE see: CZ1050000
4-CHLORONITROBENZENE see: CZ1050000
2-CHLORONITROBENZENE see: CZ0875000
2-CHLORO-4-NITROBENZENEAZO-2'-AMINO-4'-METHOXY-5'-METHYLBENZENE see: BZ6900000
1-CHLORO-2-NITROBENZENE mixed with NORHARMAN see: CZ1225550
5-CHLORO-2-NITROBENZIMIDAZOLE see: DD6850000
4-CHLORO-7-NITROBENZO-2-OXA-1,3-DIAZOLE see: DF8002400
2'-CHLORO-4-NITROBIPHENYL ETHER see: CZ1225200
3'-CHLORO-4-NITROBIPHENYL ETHER see: KN6741000
4'-CHLORO-4-NITROBIPHENYL ETHER see: KN6743000
2'-CHLORO-4-NITROBIPHENYL ETHER see: KN6742000
2-CHLORO-2-NITROBUTANE see: EJ6650000
3-CHLORO-4-(2'-NITRO-3'-CHLOROPHENYL)PYRROLE see: UX9450000
1-CHLORO-1-NITROETHANE see: KH7875000
2-CHLORO-4-(5-NITRO-2-FURYL)THIAZOLE see: XJ3930000
5-CHLORO-2-NITRONAPHTHO(1,2-b)FURAN see: QL0824000
4-CHLORO-1-NITRO-2-(2-NITROVINYL)BENZENE see: CZ1224500
2-CHLORO-4-NITROPHENOL see: SK5075000
6-CHLORO-2-((p-NITROPHENOXY)METHYL)-1-((2-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE see: DD6870000
6-CHLORO-2-((p-NITROPHENOXY)METHYL)-1-((4-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE see: DD6875000
6-CHLORO-2-((p-NITROPHENOXY)METHYL)-1-((2-THIAZOLYLAMINO)METHYL)BENZIMIDAZOLE see: DD6880000
2-CHLORO-4-NITROPHENYLAMIDE-6-CHLOROSALICYLIC ACID see: VN8400000
1-((2-CHLORO-4-NITROPHENYL)AZO)-2-NAPHTHOL see: QL3436000
N-(2-CHLORO-4-NITROPHENYL)-5-CHLOROSALICYLAMIDE see: VN8400000
O-(2-CHLORO-4-NITROPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TE7875000
O-(3-CHLORO-4-NITROPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TE8050000
O-(2-CHLORO-4-NITROPHENYL) O-ISOPROPYL ETHYLPHOSPHONOTHIOATE see: TB0273060
O-(2-CHLORO-4-NITROPHENYL) O-METHYL ETHYLPHOSPHONOTHIOATE see: TB0275000
(2-CHLORO-4-NITROPHENYL)PHOSPHONIC ACID see: SZ7135000
2-CHLORO-N-(4-((4-NITROPHENYL)THIO)PHENYL)ACETAMIDE see: AB5820500
CHLORONITROPROPANE see: TX5075000
1-CHLORO-1-NITROPROPANE see: TX5075000
2-CHLORO-2-NITROPROPANE see: TX5425000
3-CHLORO-4-NITROQUINOLINE 1-OXIDE see: VB3350000
1-((1-(p-CHLOROPHENYL)IMIDAZOL-2-YLTHIO)ACETYL)-3-ETHYLUREA see: YS6415000
1-((1-(p-CHLOROPHENYL)IMIDAZOL-2-YLTHIO)ACETYL)-3-METHYLUREA see: YS6416000
5-CHLORO-4-NITROQUINOLINE 1-OXIDE see: VB3500000
6-CHLORO-4-NITROQUINOLINE 1-OXIDE see: VB3675000
7-CHLORO-4-NITROQUINOLINE 1-OXIDE see: VB3850000
3'-CHLORO-4-NITROSOBIPHENYL ETHER see: CZ1225300
4'-CHLORO-4-NITROSOBIPHENYL ETHER see: CZ1225400
1-CHLORO-2-(4-NITROSOPHENOXY)BENZENE see: CZ1225200
1-CHLORO-3-(4-NITROSOPHENOXY)BENZENE see: CZ1225300
1-CHLORO-4-(4-NITROSOPHENOXY)BENZENE see: CZ1225400
3-CHLORONITROSOPIPERIDINE see: TM6484450
3-CHLORO-1-NITROSOPIPERIDINE see: TM6484450
4-CHLORONITROSOPIPERIDINE see: TM6484500
alpha-CHLORO-p-NITROSTYRENE see: WL4200000
alpha-CHLORO-p-NITROTOLUENE see: XS9093000
4-CHLORO-o-NITROTOLUENE see: XS9132000
4-CHLORO-3-NITRO-alpha,alpha,alpha-TRIFLUOROTOLUENE see: XS9140000
9-CHLORONONANOIC ACID see: RA6700000
1-CHLORO-7-OXABICYCLO(4.1.0)HEPTANE see: RN7756000
5-CHLORO-4-(2-OXAZOLIDINYLIDENEAMINO)-2,1,3-BENZOTHIADIAZOLE see: DL0090000
CHLOROOXIRANE see: KH7705000
5-CHLORO-1-(1-(3-(2-OXO-1-BENZIMIDAZOLINYL)PROPYL)-4-PIPERIDYL)-2-BENZIMIDAZOLINONE see: DE2275900
p-(6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-CARBOXAMIDO)BENZOIC ACID see: DG5550000
6-(6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-CARBOXAMIDO)HEXANOIC ACID see: MO7187060
6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-CARBOXYLIC ACID see: DJ2260650
N-((6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-YL)CARBONYL)GLYCINE see: MB9264400
4-CHLORO-2-OXOBENZOTHIAZOL-3-YLACETIC ACID see: AF9700000
(4-CHLORO-2-OXOBENZOTHIAZOL-3-YL)ACETIC ACID SODIUM SALT see: AF9704000
4-((5-CHLORO-2-OXO-3(2H)-BENZOTHIAZOLYL)ACETYL)-1-PIPERAZINEETHANOL see: TL7050000
3-(6-CHLORO-2-OXOBENZOXAZOLIN-3-YL)METHYL O,O-DIETHYL PHOSPHOROTHIOLOTHIONATE see: TD5175000
5-((6-CHLORO-2-OXO-3(2H)-BENZOXAZOLYL)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TD5175000
9-CHLORO-8-OXONONANOIC ACID see: RA6800000
exo-5-CHLORO-6-OXO-endo-2-NORBORNANECARBONITRILE O-(METHYLCARBAMOYL)OXIME see: RB7700000
2-(7-CHLORO-2-OXO-5-PHENYL-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-3-YL)HYDRAZIDE of ACETIC ACID see: AF9720000
2-(7-CHLORO-2-OXO-5-PHENYL-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-3-YL)HYDRAZIDE of BENZOIC ACID see: DG5602000
6-CHLORO-4-OXO-4'-(2-PYRIDYLSULFAMOYL)-4H-1-BENZOPYRAN-2-CARBOXANILIDE see: DJ2260600
9-CHLORO-5-OXO-7-(1H-TETRAZOL-5-YL)-5H-1-BENZOPYRANO(2,3-b)PYRIDINE SODIUM SALT PENTAHYDRATE see: DJ3175000
CHLOROPARACIDE see: WQ2975000
CHLORO-PDMT see: XY0700000
CHLOROPELARGONIC ACID see: RA6700000 NONANOIC ACID, 9-CHLORO-
CHLOROPENTAFLUOROETHANE see: KH7877500
CHLOROPENTAFLUOROETHANE (DOT) see: KH7877500
3-CHLOROPENTAFLUOROPROPENE see: UC8060000 PROPENE, 3-CHLOROPENTAFLUORO-
CHLOROPENTAHYDROXYDIALUMINUM see: BD0550000
1-CHLOROPENTANE see: RZ9865000
1-CHLORO-3-(PENTYLOXY)-2-PROPANOL see: UA9101000
1-CHLORO-3-(PENTYLOXY)-2-PROPANOL see: UA9170000
5-(5-CHLOROPENTYL)-2-PYRIDINECARBOXYLIC ACID see: TJ7550200 PICOLINIC ACID, 5-(5-CHLOROPENTYL)-

FV2326400 CHLOROPEPTIDE

DEF Chlorine-containing cyclic pentapeptide from metabolites of PENICILLIUM ISLANDICUM Sopp (JTSCDR 2,349,77)
UPDT 8401

TOXICITY DATA AND REFERENCES

3H30J30U26	orl-rat	LD50:5 mg/kg	JTSCDR 2,349,77
3H30J30U26	scu-rat	LD50:400 ug/kg	JTSCDR 2,349,77
3H30J30U26	orl-mus	LD50:7 mg/kg	JTSCDR 2,349,77
3H30J30U26	ipr-mus	LD50:450 ug/kg	JTSCDR 2,349,77
3H30J30U26	scu-mus	LD50:500 ug/kg	JTSCDR 2,349,77
3H30J30U26	ivn-mus	LD50:400 ug/kg	JTSCDR 2,349,77
3H30J30U26	scu-gpg	LD50:500 mg/kg	JTSCDR 2,349,77

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FV2328000 CHLORO-PEPTIDE
DEF isolated from PENICILLIUM ISLANDICUM (NIPDAD (35),1,78)
UPDT 8305

TOXICITY DATA AND REFERENCES:
P ivn-mus LD50:300 ug/kg NIPDAD (35),1,78

m-CHLOROPERBENZOIC ACID see: SD9470000
3-CHLOROPERBENZOIC ACID see: SD9470000
m-CHLOROPEROXYBENZOIC ACID see: SD9470000
3-CHLOROPEROXYBENZOIC ACID see: SD9470000
m-CHLOROPEROXYBENZOIC ACID, maximum concentration 86% (DOT) see: SD9480000
3-CHLOROPEROXYBENZOIC ACID, maximum concentration 86% (DOT) see: SD9480000
CHLOROPEROXYL see: FO3000000
CHLOROPHACINONE see: NK5335000
CHLOROPHEN see: SM6300000
CHLOROPHENAMIDIN see: LQ4375000
CHLOROPHENAMIDINE see: LQ4375000
CHLOROPHENAMIDINE HYDROCHLORIDE see: LQ4550000
9-CHLOROPHENANTHRENE see: SF7325050
10-CHLOROPHENANTHRENE see: SF7325050
CHLOROPHENE see: GO7175000
4-CHLOROPHENE-1,3-DIAMINE see: SS8800000
4-CHLOROPHENIRAMINE see: US6379500
m-CHLOROPHENOL see: SK2450000
o-CHLOROPHENOL see: SK2625000
p-CHLOROPHENOL see: SK2800000
2-CHLOROPHENOL see: SK2625000
3-CHLOROPHENOL see: SK2450000
4-CHLOROPHENOL see: SK2800000
m-CHLOROPHENOL, liquid (DOT) see: SK2450000
o-CHLOROPHENOL, liquid (DOT) see: SK2625000
p-CHLOROPHENOL, liquid (DOT) see: SK2800000
m-CHLOROPHENOL, solid (DOT) see: SK2450000
o-CHLOROPHENOL, solid (DOT) see: SK2625000
p-CHLOROPHENOL, solid (DOT) see: SK2800000
CHLOROPHENOTHAN see: KJ3325000
CHLOROPHENOTHANE see: KJ3325000
(3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYLOCTYLAMMONIUM CHLORIDE see: BP5405000
(3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYLPHENACYLAMMONIUM BROMIDE see: BP5405100
(3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYL(9-PHENANTHRYLMETHYL)AMMONIUM BROMIDE see: BP5405200
4-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-1-PIPERAZINEETHANOL see: TL7175000
4-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-1-PIPERAZINEETHANOL ACETATE see: TL7300000
4-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-1-PIPERAZINEETHANOL DIHYDROCHLORIDE see: TL7525000
8-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-1-THIA-4,8-DIAZASPIRO(4.5)DECAN-3-ONE HYDROCHLORIDE see: XI2277500
(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)TRIMETHYLAMMONIUM IODIDE see: BP5405300
CHLOROPHENOTOXUM see: KJ3325000
p-CHLOROPHENOXYACETIC ACID see: AG0175000
(4-CHLOROPHENOXY)ACETIC ACID see: AG0175000
p-CHLOROPHENOXYACETIC ACID beta-DIMETHYLAMINOETHYL ESTER see: AG0430000
p-CHLOROPHENOXYACETIC ACID 2-ISOPROPYLHYDRAZIDE see: AG0525000
4-CHLOROPHENOXYACETIC ACID SODIUM SALT see: AG0580000
2-((p-CHLOROPHENOXY)ACETYL)-1-(2-(DIMETHYLAMINO)ETHYL)PYRROLE MONOHYDROCHLORIDE see: OB1614000
1-(p-CHLOROPHENOXYACETYL)-2-ISOPROPYL HYDRAZINE see: AG0525000
p-(m-CHLOROPHENOXY)ANILINE see: CX9858900
p-(o-CHLOROPHENOXY)ANILINE see: CX9858800
p-(p-CHLOROPHENOXY)ANILINE see: BX1770000
4-(4-CHLOROPHENOXY)ANILINE see: BX1770000
4-(4-CHLOROPHENOXY)BENZENAMINE see: BX1770000
2-(4-CHLOROPHENOXY)-1-tert-BUTYL-2-(1H-1,2,4-TRIAZOLE-1-YL)ETHANOL see: KK2200000
CHLORO-4 PHENOXYISOBUTYRATE D'HYDROXY-4 N-DIMETHYLBUTYRAMIDE (French) see: UE9452000
3-p-CHLOROPHENOXY-1-N-(3,4-DIMETHOXYPHENYL)PIPERAZINOPROPANOL-2 see: TL7720000 1-PIPERAZINEETHANOL, alpha-(p-CHLOROPHENOXYMETHYL)-4-(3,4-DIMETHOXYPHENYL)-
beta-(4-CHLOROPHENOXY)-alpha-(1,1-DIMETHYLETHYL)-1H-1,2,4-TRIAZOLE-1-ETHANOL see: KK2200000
N-(2-(p-CHLOROPHENOXY)-1,2-DIMETHYLPROPYL)ACETAMIDE see: AB5824220
N-(2-(p-CHLOROPHENOXY)-1,2-DIMETHYLPROPYL)NICOTINAMIDE see: QS4247000
1-(2-(p-CHLOROPHENOXY)-1,2-DIMETHYLPROPYL)UREA see: YS6110000
1-(4-CHLOROPHENOXY)-3,3-DIMETHYL-1-(1H-1,2,4-TRIAZOL-1-YL)-2-BUTANONE see: EL7100000
1-(4-CHLOROPHENOXY)-3,3-DIMETHYL-1-(1,2,4-TRIAZOL-1-YL)-BUTAN-2-ONE see: EL7100000
3-(p-CHLOROPHENOXY)-5,6-DIPHENYL-as-TRIAZINE see: XY5775500
2-(p-CHLOROPHENOXY)ETHANOL see: KK2100000
2-(4-CHLOROPHENOXY)ETHANOL see: KK2100000
1-(o-CHLOROPHENOXY)-3-(ETHYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE see: UA9180000 2-PROPANOL, 1-(o-CHLOROPHENOXY)-3-(ETHYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
5-(2-(2-CHLOROPHENOXY)ETHYL)-1H-TETRAZOLE see: XF7470500
5-(2-(4-CHLOROPHENOXY)ETHYL)-1H-TETRAZOLE see: XF7470600
3-(p-CHLOROPHENOXY)-2-HYDROXYPROPYL CARBAMATE see: EZ2975000
alpha-p-CHLOROPHENOXYISOBUTYRYL ETHYL ESTER see: UE9480000
N-2(p-CHLOROPHENOXY)ISOBUTYRYL-N'-MORPHOLINOMETHYLUREA see: TX1410000
1-(o-CHLOROPHENOXY)-3-(ISOPROPYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE see: UA9310000 2-PROPANOL, 1-(o-CHLOROPHENOXY)-3-(ISOPROPYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
3-(p-CHLOROPHENOXY)-3-METHYL-2-BUTYLAMINE HYDROCHLORIDE see: EO4077000
alpha-(p-CHLOROPHENOXYMETHYL)-4-(3,4-DIMETHOXYPHENYL)-1-PIPERAZINEETHANOL see: TL7720000
2-((p-CHLOROPHENOXY)METHYL)-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL see: TY4398510
5-((p-CHLOROPHENOXY)METHYL)-5-METHYL-2,4-DITHIOHYDANTOIN see: MU0535500
p-CHLOROPHENOXYMETHYL-5 METHYL-5 DITHIO-2,4 HYDAMTOINE (French) see: MU0535500
5-((p-CHLOROPHENOXY)METHYL)-5-METHYLHYDANTOIN see: MU0535000
p-CHLOROPHENOXYMETHYL-5 METHYL-4 HYDANTOINE (French) see: MU0535000
2-((o-CHLOROPHENOXY)METHYL)-2-METHYL-1,3-PROPANEDIOL see: TY4399010
2-((p-CHLOROPHENOXY)METHYL)-2-METHYL-1,3-PROPANEDIOL see: TY4399020
5-((p-CHLOROPHENOXY)METHYL)-5-METHYL-2-THIOHYDANTOIN see: MU0536000
p-CHLOROPHENOXYMETHYL-5 METHYL-5 THIO-2 HYDANTOINE (French) see: MU0536000
1-(o-CHLOROPHENOXY)-3-(METHYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE see: UA9311000 2-PROPANOL, 1-(o-CHLOROPHENOXY)-3-(METHYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
2-((o-CHLOROPHENOXY)METHYL)-1-MORPHOLINOMETHYLBENZIMIDAZOLE see: DD6940000
3-((p-CHLOROPHENOXY)METHYL)-3-OXETANEMETHANOL CARBAMATE see: RQ6880000
2-((4-CHLOROPHENOXY)METHYL)OXIRANE see: TX5600000
trans-6-(p-CHLOROPHENOXY)-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER see: DF3509900
5-((p-CHLOROPHENOXY)METHYL)-5-PHENYLHYDANTOIN see: MU0536500
p-CHLOROPHENOXYMETHYL-5 PHENYL-5 HYDANTOINE (French) see: MU0536500
2-(4-CHLOROPHENOXY)-2-METHYLPROPANOIC ACID ETHYL ESTER see: UE9480000
2-(4-CHLOROPHENOXY-2-METHYL)PROPIONIC ACID see: UE9750000
2-(p-CHLOROPHENOXY)-2-METHYLPROPIONIC ACID ETHYL ESTER see: UE9480000
2-(p-CHLOROPHENOXY)-2-METHYLPROPIONIC ACID (6-(HYDROXYMETHYL)-2-PYRIDINYL)METHYL ESTER HCl see: UE9503000
2-(4-CHLOROPHENOXY)-2-METHYLPROPIONIC ACID 4-HYDROXY-3-SULFOPHENYL ESTER CALCIUM SALT (2:1) see: UE9504000
N-2(p-CHLOROPHENOXY)-2-METHYLPROPIONYL-N'-MORPHOLINOMETHYLUREA see: TX1410000
N-(2-(p-CHLOROPHENOXY)-2-METHYLPROPYL)ACETAMIDE see: AB5827000
2-(p-CHLOROPHENOXY)-2-METHYL-1-PROPYLAMINE HYDROCHLORIDE see: UI0545000
N-(2-(p-CHLOROPHENOXY)-2-METHYLPROPYL)NICOTINAMIDE see: QS4248000
1-(2-(p-CHLOROPHENOXY)-2-METHYLPROPYL)UREA see: YS6120000
2-((o-CHLOROPHENOXY)METHYL)-1-((4-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE see: DD6955000
2-((o-CHLOROPHENOXY)METHYL)-1-((2-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE see: DD6950000
6-CHLORO-2-PHENOXYMETHYL-1-((4-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE see: DD6956000
2-((o-CHLOROPHENOXY)METHYL)-1-((2-THIAZOLYLAMINO)METHYL)BENZIMIDAZOLE see: DD6960000
6-CHLORO-2-PHENOXYMETHYL-1-((2-THIAZOLYLAMINO)METHYL)BENZIMIDAZOLE see: DD6962000
2-((o-CHLOROPHENOXY)METHYL)-3-(2-THIAZOLYL)-4(3H)-QUINAZOLINONE see: VA2960000
1-(p-CHLOROPHENOXY)-3-((2-MORPHOLINOETHYL)PROPYLAMINO)-2-PROPANOL DIHYDROCHLORIDE see: UA9312000 2-PROPANOL, 1-(p-CHLOROPHENOXY)-3-((2-MORPHOLINOETHYL)PROPYLAMINO)-, DIHYDROCHLORIDE
2-(4-(4'-CHLOROPHENOXY)-PHENOXY)ISOBUTYLPROPIONATE see: UE9520000
N'-4-(4-CHLOROPHENOXY)PHENYL-N,N-DIMETHYLUREA see: YS6125000
3-(p-(p-CHLOROPHENOXY)PHENYL)-1,1-DIMETHYLUREA see: YS6125000
1-(4-(4-CHLORO-PHENOXY)PHENYL)-3,3-D'METHYLUREE (French) see: YS6125000
1-(o-CHLOROPHENOXY)-3-((2-PIPERIDINOETHYL)PROPYLAMINO)-2-PROPANOL DIHYDROCHLORIDE see: UA9353000 2-PROPANOL, 1-(o-CHLOROPHENOXY)-3-((2-PIPERIDINOETHYL)PROPYLAMINO)-, DIHYDROCHLORIDE
3-(p-CHLOROPHENOXY)-1,2-PROPANEDIOL-1-CARBAMATE see: EZ2975000
3-(4-CHLOROPHENOXY)-1,2-PROPANEDIOL-1-CARBAMATE see: EZ2975000
1-CHLORO-3-PHENOXY-2-PROPYL BUTYLCARBAMATE see: EY9830000
p-CHLOROPHENOXYSILATRANE see: YJ9005000
16-(3-CHLOROPHENOXY)-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDRO-PGF2-alpha see: MI5240000
16-(4-CHLOROPHENOXY)-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDRO-PGF2-alpha METHYL ESTER see: MI5244000
16-(3-CHLOROPHENOXY)-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDRO-PGF2-alpha METHYL ESTER see: MI5242000
16-(3-CHLOROPHENOXY)-17,18,19,20-TETRANOR-3,4-cis-DIDEHYDRO-PGF2-beta METHYL ESTER see: MI5248000
16-(3-CHLOROPHENOXY)-17,18,19,20-TETRANOR-3,4-trans-DIDEHYDRO-PGF2-alpha METHYL ESTER see: MI5247000
16-(3-CHLOROPHENOXY)-17,18,19,20-TETRANOR-3,4-trans cis-DIDEHYDRO-PGF2-alpha METHYL ESTER see: MI5246000
16-(4-CHLOROPHENOXY)-17,18,19,20-TETRANOR-3,4-trans,cis-DIDEHYDRO-PGF2-alpha METHYL ESTER see: MI5249000
16-(3-CHLOROPHENOXY)-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDROPROSTAGLANDIN F2-alpha see: MI5240000
1-(p-CHLOROPHENOXY)-7,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE see: YJ9005000
CHLOROPHENTERMINE see: SM1050000
CHLOROPHENTERMINE HYDROCHLORIDE see: SM1225000
N-(4-CHLOROPHENYL)ACETAMIDE see: AE1001000
4-(N-(m-CHLOROPHENYL)ACETAMIDO)BUTYRIC ACID see: ES8395000 BUTYRIC ACID, 4-(N-(m-CHLOROPHENYL)ACETAMIDO)-
(p-CHLOROPHENYL)ACETIC ACID see: AG0590000
2-(p-CHLOROPHENYL)ACETIC ACID see: AG0590000
(4-CHLOROPHENYL)ACETIC ACID see: AG0590000
3-(alpha-p-CHLOROPHENYL-beta-ACETYLETHYL)-4-HYDROXYCOUMARIN see: GN4830000
7-CHLORO-5-PHENYL-3-ACETYLHYDRAZINO-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-2-ONE see: AF9720000
2-(alpha-p-CHLOROPHENYLACETYL)INDANE-1,3-DIONE see: NK5335000
p-CHLOROPHENYLALANINE see: AY4390000
p-CHLORO-DL-PHENYLALANINE see: AY4390000
3-(p-CHLOROPHENYL)ALANINE see: AY4390000
4-CHLOROPHENYLALANINE see: AY4390000
DL-p-CHLOROPHENYLALANINE HYDROCHLORIDE see: AY4400000
DL-3-(p-CHLOROPHENYL)ALANINE HYDROCHLORIDE see: AY4400000
DL-p-CHLOROPHENYLALANINE METHYL ESTER HYDROCHLORIDE see: AY4452100
DL-3-(p-CHLOROPHENYL)ALANINE METHYL ESTER HYDROCHLORIDE see: AY4452100
p-CHLOROPHENYLAMIDE of 3-METHYL-5-BENZOYLAMINOISOTHIAZOLE-4-CARBOXYLIC ACID see: NX8155820
N-((p-CHLOROPHENYL)AMIDINO)-4-METHYL 1-PIPERIDINECARBOXAMIDINE MONOHYDROCHLORIDE see: TM6114000
N-((p-CHLOROPHENYL)AMIDINO)-1-PIPERIDINECARBOXAMIDINE HYDROCHLORIDE see: TM6115000
m-CHLOROPHENYLAMINE see: BX0350000
3-CHLOROPHENYLAMINE see: BX0350000
4-CHLOROPHENYLAMINE see: BX0700000
N-(((4-CHLOROPHENYL)AMINO)CARBONYL)-2,6-DIFLUOROBENZAMIDE see: YS6200000
2-CHLORO-3-(PHENYLAMINO)-1,4-NAPHTHOQUINONE see: QL7351000
N-(3-CHLOROPHENYL)-1-AZIRIDINECARBOXAMIDE see: CM6750000
O-(p-(p-CHLOROPHENYLAZO)PHENYL)O,O-DIMETHYL PHOSPHOROTHIOATE see: TE8100000
O-4-(4-CHLOROPHENYLAZOPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TE8100000
4-(4-CHLOROPHENYLAZOPHENYL) DIMETHYL PHOSPHOROTHIONATE see: TE8100000
o-CHLORO-N-PHENYLBENZAMIDINE see: CV6136800
alpha-CHLORO-alpha-PHENYLBENZENEACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: AF9000000
p-CHLOROPHENYL BENZENESULFONATE see: DB5600000
4-CHLOROPHENYL BENZENESULFONATE see: DB5600000
p-CHLOROPHENYL BENZENESULPHONATE see: DB5600000
4-CHLOROPHENYL BENZENESULPHONATE see: DB5600000
1-(alpha-(2-CHLOROPHENYL)BENZHYDRYL)IMIDAZOLE see: NI4377000
o-(4-(m-CHLOROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL see: SK5820100
o-(4-(p-CHLOROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL see: SK5a20300
o-(4-(o-CHLOROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL see: SK5820200
alpha-(p-CHLOROPHENYL)-2-BENZOFURANMETHANOL HEMISULFATE see: DF0844910
2-(p-CHLOROPHENYL)BENZOXAZOLE see: DM4812500
7-CHLORO-5-PHENYL-3-BENZOYLHYDRAZINO-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-2-ONE see: DG5602000
4-(m-CHLORO-alpha-PHENYLBENZYL)-1,1-DIETHYLPIPERAZINIUM IODIDE see: TM3085000
4-(o-CHLORO-alpha-PHENYLBENZYL)-1,1-DIETHYLPIPERAZINIUM IODIDE see: TM3085200
4-(o-CHLORO-alpha-PHENYLBENZYL)-1,1-DIMETHYLPIPERAZINIUM IODIDE see: TM3085400
4-(p-CHLORO-alpha-PHENYLBENZYL)-1,1-DIMETHYLPIPERAZINIUM IODIDE see: TM3085600
4-(o-CHLORO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM CHLORIDE see: TM3085800
4-(o-CHLORO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3086200
4-(m-CHLORO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3086000

BEST COPY AVAILABLE

4-(p-CHLORO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3086400
1-(p-CHLORO-alpha-PHENYLBENZYL)-4-(2-((2-HYDROXYETHOXY)ET4YL)PIPERAZINE see: KK2275000
4-(p-CHLORO-alpha-PHENYLBENZYL)-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE see: TM3086800
4-(o-CHLORO-alpha-PHENYLBENZYL)-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE see: TM3086600
1-(p-CHLORO-alpha-PHENYLBENZYL)-4-(m-METHYLBENZYL)PIPERAZINE see: TL1970000
1-(p-CHLORO-alpha-PHENYLBENZYL)-4-(m-METHYLBENZYL)PIPERAZINE HYDROCHLORIDE see: TL2050000
1-(p-CHLORO-alpha-PHENYLBENZYL)-4-METHYLPIPERAZINE see: TL1925000
1-(m-CHLORO-alpha-PHENYLBENZYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE see: TL2065000
1-(o-CHLORO-alpha-PHENYLBENZYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE see: TL2070000
1-(p-CHLORO-alpha-PHENYLBENZYL)-4-METHYL-PIPERAZINE DIHYDROCHLORIDE see: TL2100000
1-(p-CHLORO-alpha-PHENYLBENZYL)-4-METHYLPIPERAZINE HYDROCHLORIDE see: TL2275000
2-(alpha-(p-CHLOROPHENYL)BENZYLOXY)-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE see: KR3155000
2-(2-(4-(p-CHLORO-alpha-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY)ETHANOL see: KK2275000
2-(2-(4-(p-CHLORO-alpha-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY)ETHANOL DIHYDROCHLORIDE see: KK2280000
2-(2-(2-(4-(p-CHLORO-alpha-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY)ETHOXY)ETHANOL DIMALEATE see: KK2300000
N-(o-CHLOROPHENYL)BIGUANIDE HYDROCHLORIDE see: DU1780100
N-(p-CHLOROPHENYL) BIGUANIDE HYDROCHLORIDE see: DU1780200
1-(p-CHLOROPHENYL)BIGUANIDE HYDROCHLORIDE see: DU1780200
1-(o-CHLOROPHENYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1780100
1-(3-CHLORO-4-PHENYL-2-BUTENYL)-1-(CARBOXYMETHYL)PIPERIDINIUM CHLORIDE DECYL ESTER see: TN4721990
1-(4-(o-CHLOROPHENYL)-2-BUTENYL)-1-(3-METHYL-4-PHENYL-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4722000
1-(4-(o-CHLOROPHENYL)-2-BUTENYL)-1-(OCTYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4718000
1-(3-CHLORO-4-PHENYL-2-BUTENYL)-1-(4-PHENYL-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4723000
1-(3-CHLORO-4-PHENYL-2-BUTENYL)PIPERIDINE HYDROCHLORIDE see: TM6492000
1-(4-(o-CHLOROPHENYL)-2-BUTENYL)PIPERIDINE HYDROCHLORIDE see: TM6492500
1-(o-CHLOROPHENYL)-2-tert-BUTYLAMINO ETHANOL HYDROCHLORIDE see: DN8785000
2-(p-CHLOROPHENYL)BUTYRIC ACID see: ES8390000
N-(3-CHLORO PHENYL) CARBAMATE DE 4-CHLORO 2-BUTYNYLE (French) see: FD7700000
N-(3-CHLORO PHENYL) CARBAMATE D'ISOPROPYLE (French) see: FD8050000
(3-CHLOROPHENYL)CARBAMIC ACID 4-CHLORO-2-BUTYNYL ESTER see: FD7700000
N-(3-CHLOROPHENYL)CARBAMIC ACID, ISOPROPYL ESTER see: FD8050000
(3-CHLOROPHENYL)CARBAMIC ACID, 1-METHYLETHYL ESTER see: FD8050000
3-CHLOROPHENYL-N-CARBAMO-LAZIRIDINE see: CM6750000
(4-(m-CHLOROPHENYLCARBAMOYLOXY)-2-BUTYNYL)TRIMETHYLAMMONIUM CHLORIDE see: BN0318000
1-((p-CHLOROPHENYL)CARBAMOYL)-4-PHENYL-ISONIPECOTIC ACID ETHYL ESTER see: NS5275000
p-CHLOROPHENYL CHLORIDE see: CZ4550000
p-CHLOROPHENYL p-CHLOROBENZENESULFONATE see: DB5250000
4-CHLOROPHENYL 4-CHLOROBENZENESULFONATE see: DB5250000
p-CHLOROPHENYL p-CHLOROBENZENESULPHONATE see: DB5250000
4-CHLOROPHENYL 4-CHLOROBENZENESULPHONATE see: DB5250000
4-CHLOROPHENYL 4'-CHLOROBENZYL SULFIDE see: WQ2975000
2-(o-CHLOROPHENYL)-2-(p-CHLOROPHENYL)-1,1-DICHLOROETHANE see: KH7880000
alpha-(2-CHLOROPHENYL)-alpha-(4-CHLOROPHENYL)-5-PYRIMIDINEMETHANOL see: UV9279400
(2-CHLOROPHENYL)-alpha-(4-CHLOROPHENYL)-5-PYRIMIDINEMETHANOL see: UV9279400
p-CHLOROPHENYL N-(4'-CHLOROPHENYL)THIOCARBAMATE see: FD8587000 CARBANILIC ACID, p-CHLOROTHIO-, O-(p-CHLOROPHENYL) ESTER
4-CHLORO-alpha-PHENYL-o-CRESOL see: GO7175000
alpha-(p-CHLOROPHENYL)CYCLOHEXANEMETHANOL see: GV5120000
erythro-(±)-3-(p-CHLOROPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER see: MU4427500
threo-(±)-3-(p-CHLOROPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER see: MU4428000
erythro-(-)-3-(p-CHLOROPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER see: MU4427000
threo-(+)-3-(p-CHLOROPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER see: MU4428500
1-(p-CHLOROPHENYL)-4,6-DIAMINO-2,2-DIMETHYL-1,2-DIHYDRO-s-TRIAZINE see: XY7355000
5-(4'-CHLOROPHENYL)-2,4-DIAMINO-6-ETHYLPYRIMIDINE see: UV8140000
2-(p-CHLOROPHENYL)-3-(2-DIJUTYLAMINOETHYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6242000
(o-CHLOROPHENYL)(3-(2,4-DICHLOROPHENOXY)-2-HYDROXYPROPYL)HYDROXYARSINE OXIDE see: CH7242000
N-(m-CHLOROPHENYL)DIETHANOLAMINE see: KK2420000
N-(3-CHLOROPHENYL)DIETHANOLAMINE see: KK2420000
3-p-CHLOROPHENYL-4'-beta-DIETHYLAMINOETHOXY-2-PHENYLACRYLOPHENONE see: FL7001000
3-(p-CHLOROPHENYL)-4'-(2-(DIETHYLAMINO)ETHOXY)-2-PHENYLACRYLOPHENONE see: FL7001000
2-(p-CHLOROPHENYL)-1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-1-(p-TOLYL)ETHANOL see: KK2400000
2-p-CHLOROPHENYL-1-(p-(2-DIETHYLAMINOETHOXY)PHENYL)-1-p-TOLYLETHANOL see: KK2400000
1-(p-CHLOROPHENYL)-5-(2-(DIETHYLAMINO)ETHYL)-2-THIOBARBITURIC ACID see: CQ2440100BARBITURIC ACID, 1-(p-CHLOROPHENYL)-5-(2-(DIETHYLAMINO)ETHYL)-2-THIO-
1-(p-CHLOROPHENYL)-5-(DIETHYLAMINO)-2-THIOBARBITURIC ACID HEMIHYDRATE see: CQ2440200BARBITURIC ACID, 1-(p-CHLOROPHENYL)-5-(DIETHYLAMINO)-2-THIO-, HEMIHYDRATE
p-CHLOROPHENYL DIETHYL PHOSPHATE see: TB8813000
1-(4-CHLOROPHENYL)-3-(2,6-DIFLUOROBENZOYL)UREA see: YS6200000
1-p-CHLOROPHENYL-1,2-DIHYDRO-2,2-DIMETHYL-4,6-DIAMINO s-TRIAZINE see: XY7355000
5-(o-CHLOROPHENYL)-1,3-DIHYDRO-7-NITRO-2H-1,4-BENZODIAZEPIN-2-ONE see: DF2100000
2-(p-CHLOROPHENYL)-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE see: XZ5478460
4-(2-CHLOROPHENYL)-1,6-DIHYDRO-1,3,9-TRIMETHYLIMIDAZO(1,2-a)PYRAZOLO(4,3-f)(1,4)DIAZEPINE see: NJ5099200 IMIDAZO(1,2-a)PYRAZOLO(4,3-f)(1,4)DIAZEPINE, 1,6-DIHYDRO-4-(o-CHLOROPHENYL)-1,3,9-TRIMETHYL-
3-(p-CHLOROPHENYL)-5,7-DIHYDROXY-4-OXO-4H-1-BENZOPYRAN-2-(CARBOXYLIC ACID ETHYL ESTER see: DJ2270000
2-(m-CHLOROPHENYL)-N-(2-(DIMETHYLAMINO)ETHYL)-2-PHENYLACETAMIDE see: AB5835700
1-(p-CHLOROPHENYL)-5-(2-(DIMETHYLAMINO)ETHYL)-2-THIOBARBITURIC ACID see: CQ2440300BARBITURIC ACID, 1-(p-CHLOROPHENYL)-5-(2-(DIMETHYLAMINO)ETHYL)-2-THIO-
1-(p-CHLOROPHENYL)-5-(DIMETHYLAMINO)-2-THIOBARBITURIC ACID HYDRATE see: CQ2440400BARBITURIC ACID, 1-(p-CHLOROPHENYL)-5-(DIMETHYLAMINO)-2-THIO-, HYDRATE
1-(4-CHLOROPHENYL)-2,3-DIMETHYL-4-DIMETHYLAMINO-2-BUTANOL see: SC7885000
1-p-CHLOROPHENYL-2,3-DIMETHYL-4-DIMETHYLAMINO-2-BUTANOL HYDROCHLORIDE see: DA0500000
2-(p-CHLOROPHENYL)-2,4-DIMETHYL-1,3-DIOXOLANE see: JH7020090
beta-(p-CHLOROPHENYL)-alpha,alpha-DIMETHYLETHYLAMINE see: SM1050000
S-(4-CHLOROPHENYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TD5180000
N-(p-CHLOROPHENYL)-N',N'-DIMETHYL-N-o-TOLYL-1,3-PROPANEDIAMINE MONOHYDROCHLORIDE see: TX7099000
1-(p-CHLOROPHENYL)-3,3-DIMETHYL-TRIAZENE see: XY0700000
1-(4-CHLOROPHENYL)-3,3-DIMETHYLTRIAZENE see: XY0700000
N-(p-CHLOROPHENYL)-N',N'-DIMETHYLUREA see: YS6300000
N'-(4-CHLOROPHENYL)-N,N-DIMETHYLUREA see: YS6300000
1-(p-CHLOROPHENYL)-3,3-DIMETHYLUREA see: YS6300000
3-(p-CHLOROPHENYL)-1,1-DIMETHYLUREA see: YS6300000
3-(4-CHLOROPHENYL)-1,1-DIMETHYLUREA see: YS6300000
3-(p-CHLOROPHENYL)-1,1-DIMETHYLUREA, TRICHLOROACETATE see: AJ8050000
1-(4-CHLORO PHENYL)-3,3-DIMETHYLUREE (French) see: YS6300000
4-(p-CHLOROPHENYL)-2-(1,3-DIOXO-2-ISOINDOLYL)THIAZOLE-5-ACETIC ACID METHYL ESTER see: XJ1850000
1-((2-CHLOROPHENYL)DIPHENYLMETHYL)-1H-IMIDAZOLE (9CI) see: NI4377000
2-(p-CHLOROPHENYL)-2,5-DIPHENYL-1-THIA-3-AZA-2-SILACYCLOPENTANE see: XI0530000
2-(p-CHLOROPHENYL)-2,5-DIPHENYL-1,3,2-THIAZAGERMOLIDINE see: XJ0401000
o-((p-CHLOROPHENYL)DITHIO)BENZOIC ACID see: DG5620600
2-((o-CHLOROPHENYL)DITHIO)ETHYLAMINE HYDROCHLORIDE see: KR3160000
o-CHLORO-p-PHENYLENEDIAMINE see: SS8925000 p-PHENYLENEDIAMINE, 2-CHLORO-
2-CHLORO-p-PHENYLENEDIAMINE see: SS8925000 p-PHENYLENEDIAMINE, 2-CHLORO-
p-CHLORO-o-PHENYLENEDIAMINE see: SS8850000
4-CHLORO-m-PHENYLENEDIAMINE see: SS8800000
4-CHLORO-o-PHENYLENEDIAMINE see: SS8850000
4-CHLORO-1,3-PHENYLENEDIAMINE see: SS8800000
4-CHLORO-1,2-PHENYLENEDIAMINE see: SS8850000
4-CHLOROPHENYLENE-1,3-DIAMINE see: SS8800000
2-CHLORO-p-PHENYLENEDIAMINE SULFATE see: SS9000000
2-CHLORO-1-PHENYLETHANONE see: AM6300000
5-(m-CHLOROPHENYL)-3-ETHOXY-as-TRIAZINE see: XY5775600
5-(o-CHLOROPHENYL)-7-ETHYL-1,3 DIHYDRO-1-METHYL-2H-THIENO(2,3-e)-1,4-DIAZEPIN-2-ONE see: XJ9040000
S-(p-CHLOROPHENYL) O-ETHYL ETHANEPHOSPHONODITHIOATE see: TA5425000
S-(4-CHLOROPHENYL) O-ETHYL ETHYLPHOSPHONODITHIOATE see: TA5425000
O-(4-CHLOROPHENYL) O-ETHYL ETHYLPHOSPHONOTHIOATE see: TB0280000
10-(((1-(4-CHLOROPHENYL)ETHYLIDENE)HYDRAZINO)ACETYL)-10H-PHENOTHIAZINE see: SO3450000
5-(2-CHLOROPHENYL)-7-ETHYL-1-METHYL-1,3-DIHYDRO-2H-THIENO(2,3-e)(1,4)DIAZEPIN-2-ONE see: XJ9040000
6-(o-CHLOROPHENYL)-8-ETHYL-1-METHYL-4H-s-TRIAZOLO(3,4-c)THIENO(2,3-e)(1,4)-DIAZEPINE see: XZ6158300
5-(4-CHLOROPHENYL)-6-ETHYL-2,4-PYRIMIDINEDIAMINE see: UV8140000
5-(2'-CHLOROPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8520700
5-(o-CHLOROPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8520700
beta-(4-CHLOROPHENYL)GABA see: MW5084200
CHLOROPHENYL GLYCIDYL ETHER see: TX5600000
p-CHLOROPHENYL GLYCIDYL ETHER see: TX5600000
4-CHLOROPHENYL GLYCIDYL ETHER see: TX5600000
1-(3-CHLOROPHENYL)-4-GUANYLPIPERAZINE HEMISULFATE see: TL1287000
1-(4-CHLOROPHENYL)-4-GUANYLPIPERAZINE HEMISULFATE see: TL1287200
2-(2-(2-CHLOROPHENYL)HYDRAZINO)-4,5-DIHYDRO-1H-IMIDAZOLE HYDROCHLORIDE see: NI9451670
4-(2-CHLOROPHENYLHYDRAZONE)-3-METHYL-5-ISOXAZOLONE see: NY2800000
4-(2-CHLOROPHENYLHYDRAZONO)-3-METHYL-5(4H)-ISOXAZOLONE see: NY2800000
4-(p-CHLOROPHENYL)-2-((o-HYDROXYBENZYLIDENE)AMINO)THIAZOLE-5-ACETIC ACID METHYL ESTER see: XJ1876000
4-(p-CHLOROPHENYL)-2-((p-HYDROXYBENZYLIDENE)AMINO)THIAZOLE-5-ACETIC ACID METHYL ESTER see: XJ1877000
4-(p-CHLOROPHENYL)-4-HYDROXY-N,N-DIMETHYL-alpha,alpha-DIPHENYL-1-PIPERIDINE BUTYRAMIDE HCl see: TM4960000
5-(4-CHLOROPHENYL)-beta-HYDROXY-2-FURANPROPANOIC ACID see: LU5700000
5-(p-CHLOROPHENYL)-beta-HYDROXY-2-FURANPROPIONIC ACID see: LU5700000
(m-CHLOROPHENYL)HYDROXY(beta-HYDROXYPHENETHYL)ARSINE OXIDE see: CH7244000
(p-CHLOROPHENYL)HYDROXYMETHYLARSINE OXIDE see: CH7245000
erythro-3-(p-CHLOROPHENYL)-4'-HYDROXY-4-METHYL-2-PHENYLVALEROPHENONE see: YV8926000
3-(m-CHLOROPHENYL)-1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)UREA see: YS6411000
3-(p-CHLOROPHENYL)-1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)UREA see: YS6412000
erythro-3-(p-CHLOROPHENYL)-2-(p-HYDROXYPHENYL)VALEROPHENONE see: YV8926100
erythro-3-(p-CHLOROPHENYL)-4'-HYDROXY-2-PHENYLVALEROPHENONE see: YV8926200
4-(4-(4-CHLOROPHENYL)-4-HYDROXY-1-PIPERIDINYL)-1-(4-FLUOROPHENYL)-1-BUTANONE see: EU1575000
4-(4-(p-CHLOROPHENYL)-4-HYDROXY-1-PIPERIDYL)-N,N-DIMETHYL-2,2-DIPHENYLBUTYRAMIDE HCl see: TM4960000
2-(m-CHLOROPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3013000
2-(p-CHLOROPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3014000
2-(4-CHLOROPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3014000
alpha-(p-CHLOROPHENYL)-alpha-2-IMIDAZOLIN-2-YL-2-PYRIDINEMETHANOL MALEATE see: UT4755400
5-CHLORO-3-PHENYL-1H-IMIDAZO(4,5-b)PYRIDINE-2(3H)-THIONE see: NJ5825000
5-CHLORO-3-PHENYL-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE see: NJ5830970
N-(4-CHLOROPHENYL)-IMIDOCARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE see: DU1780200
N-(2-CHLOROPHENYL)-IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE see: DU1780100
2-(p-CHLOROPHENYL)INDAN-1,3-DIONE see: NK5250000
2-(p-CHLOROPHENYL)-1,3-INDANEDIONE see: NK5250000
2-(4-CHLOROPHENYL)-1H-INDENE-1,3(2H)-DIONE see: NK5250000
N'-(4-CHLOROPHENYL)-N-ISOBUTINYL-N-METHYLUREA see: YS6475000
p-CHLOROPHENYL ISOCYANATE see: NQ8575000
N-(p-CHLOROPHENYL)ISONICOTINAMIDINE see: NS0980000
5-(m-CHLOROPHENYL)-3-ISOPROPOXY-as-TRIAZINE see: XY5778500
1-(p-CHLOROPHENYL)-5-ISOPROPYLBIGUANIDE see: DU1225000
1-(p-CHLOROPHENYL)-5-ISOPROPYLBIGUANIDE HYDROCHLORIDE see: DU1750000
N-3-CHLOROPHENYLISOPROPYLCARBAMATE see: FD8050000
N-4-CHLOROPHENYL-N(sup 5)-ISOPROPYLDIGUANIDE HYDROCHLORIDE see: DU1750000
N-(p-CHLOROPHENYL)MALEIMIDE see: ON5075000
CHLOROPHENYLMERCURY see: OW1400000
CHLOROPHENYLMETHANE see: XS8925000
1-(2-((4-CHLOROPHENYL)METHOXY)-2-(2,4-DICHLOROPHENYL)ETHYL)-1H-IMIDAZOLE NITRATE see: NI4450000
N-(p-CHLOROPHENYL)-2-METHOXY-6-METHYLNICOTINAMIDINE see: QS4650000
N-(4-CHLOROPHENYL)-N'-METHOXY-N-METHYLUREA see: YS6425000
3-(4-CHLOROPHENYL)-1-METHOXY-1-METHYLUREA see: YS64250C0
5-(m-CHLOROPHENYL)-3-METHOXY-as-TRIAZINE see: XY5778600
5-(p-CHLOROPHENYL)-3-METHOXY-as-TRIAZINE see: XY5778800
2-(o-CHLOROPHENYL)-2-(METHYLAMINO)-CYCLOHEXANONE see: GW1300000
2-(o-CHLOROPHENYL)-2-(METHYLAMINO)CYCLOHEXANONE HYDROCHLORIDE see: GW1400000
1-(p-CHLOROPHENYL)-2-METHYL-2-AMINOPROPANE HYDROCHLORIDE see: SH1225000
(4-CHLOROPHENYL)METHYLARSINIC ACID see: CH7245000
2-(4-CHLOROPHENYL)-alpha-METHYL-5-BENZOXAZOLEACETIC ACID see: DM4447000
2-(alpha-(p-CHLOROPHENYL)-alpha-METHYLBENZYLOXY)-N,N-DIMETHYLETHYLAMINE see: KR2975000
2-p-CHLOROPHENYL-3-METHYL-2,3-BUTANEDIOL see: EK1050000

BEST COPY AVAILABLE

2-(4-CHLOROPHENYL)-3-METHYL-2,3-BUTANEDIOL see: EK1050000
4-(p-CHLOROPHENYL)-3-METHYL-3-BUTENOIC ACID see: EM9110600
2-(p-CHLOROPHENYL)-3-METHYLBUTYRIC ACID see: ES8450000
o-CHLOROPHENYL METHYLCARBAMATE see: FB6350000
2-CHLOROPHENYL-N-METHYLCARBAMATE see: FB6350000
S-((4-CHLOROPHENYL)METHYL)DIETHYLCARBAMOTHIOATE see: EZ7260000
(2-CHLOROPHENYL)METHYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE see: GQ4350000
2-(p-CHLOROPHENYL)-2-METHYL-1,3-DIOXOLANE-4-METHANOL CARBAMATE see: JH9420000
N-(5-((2-CHLOROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see: US4588000
N-(5-((4-CHLOROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see: US4588500
1-((4-CHLOROPHENYL)METHYL)-1H-INDOLE-3-CARBOXYLIC ACID see: NK7685000
2-(4-CHLOROPHENYL)-3-METHYL-4-METATHIAZANONE-1,1-DIOXIDE see: XJ1050000
5-CHLORO-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-2-INDOLINONE see: NM2089200
N'-(4-CHLOROPHENYL)-N-METHYL-N-(1-METHYL-2-PROPYNYL)-UREA see: YS6475000
3-(p-CHLOROPHENYL)-1-METHYL-1-(1-METHYL-2-PROPYNYL)UREA see: YS6475000
2-CHLOROPHENYL METHYLNITROSOCARBAMATE see: FC6130000
1-(p-CHLOROPHENYL)-3-METHYL-3-NITROSOUREA see: YS6480000
3-(p-CHLOROPHENYL)-1-METHYL-1-NITROSOUREA see: YS6480000
2-(p-CHLOROPHENYL)-2-METHYL-1,3-OXATHIOLANE-5-METHANOL CARBAMATE see: RP5460000
2-(p-CHLOROPHENYL)-4-METHYL-2,4-PENTANEDIOL see: SA0525000
2-(p-CHLOROPHENYL)-4-METHYLPENTANE-2,4-DIOL see: SA0525000
2-(p-CHLORPHENYL)-3-METHYL-1,3-PERHYDROTHIAZIN-4-ON-1,1-DIOXIDE see: XJ1050000
erythro-3-(p-CHLOROPHENYL)-4-METHYL-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)VALEROPHENONE see: YV8926300
2-(p-CHLOROPHENYL)-N-(3-METHYL-2-PYRIDYL)SUCCINIMIDE see: WN2470000
1-(p-CHLOROPHENYL)-2-METHYLPIPERAZINE see: TL3000500
3-CHLORO-N-(PHENYLMETHYL)PROPANAMIDE see: UE3150000
DL-3-(p-CHLOROPHENYL)-N-((2-METHYLPROPOXY)CARBONYL)ALANINE SODIUM SALT see: AY4455000
2-(p-CHLOROPHENYL)-2-METHYL-1-THIA-3-AZA-2-SILACYCLOPENTANE see: XI0540000
2-(p-CHLOROPHENYL)-2-METHYL-1,3,2-THIAZAGERMOLIDINE see: XJ0402000
2-(p-CHLOROPHENYL)-4-METHYL-5-THIAZOLEACETIC ACID see: XJ1888000
5-(m-CHLOROPHENYL)-3-((METHYLTHIO)-as-TRIAZINE see: XY5785000
5-(p-CHLOROPHENYL)-3-((METHYLTHIO)-as-TRIAZINE see: XY5786000
5-(o-CHLOROPHENYL)-7-NITRO-1H-1,4-BENZODIAZEPIN-2(3H)-ONE see: DF2100000
p-CHLOROPHENYL N-(p-NITROPHENYL)THIOCARBAMATE see: FD9770800 CARBANILIC ACID, p-NITROTHIO-,O-(p-CHLOROPHENYL) ESTER
N-(4-CHLOROPHENYL)-2-NITRO-4-(TRIFLUOROMETHYL)BENZENEAMINE see: XU5500000
alpha-(p-CHLOROPHENYL)OCTAHYDRO-1-AZOCINEPROPANOL HYDROCHLORIDE see: CN5085000
3-(5-(p-CHLOROPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)-1,5-DIMETHYL-2-INDOLINONE see: NM2089400
3-(5-(o-CHLOROPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)-INDOLIN-2-ONE see: NM2089300
3-(5-(p-CHLOROPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)-1-METHYL-2-INDOLINONE see: NM2089600
6-(m-CHLOROPHENYL)OXAZOLO(3,2-a)-sym-TRIAZINE-5,7-DIONE see: RQ5838000
(m-CHLOROPHENYL)OXIRANE see: CZ0526000
3-(1-(4-CHLOROPHENYL)-3-OXO-BUTYL)-4-HYDROXY-COUMARINE (French) see: GN4830000
5-(m-CHLOROPHENYL)-3-PHENOXY-as-TRIAZINE see: XY5787000
2-((4-CHLOROPHENYL)PHENYLACETYL)-1H-INDENE-1,3(2H)-DIONE see: NK5335000 1,3-INDANDIONE, 2-((p-CHLOROPHENYL)PHENYLACETYL)-
DL-3-(p-CHLOROPHENYL)-N-(PHENYLACETYL)ALANINE SODIUM SALT see: AY4460000
2-((p-CHLOROPHENYL)PHENYLACETYL)-1,3-INDANDIONE see: NK5335000
2(2-(4-CHLOROPHENYL)-2-PHENYLACETYL)INDAN-1,3-DIONE see: NK5335000
2-(o-CHLOROPHENYL)-3-PHENYLBICARBAMIMIDE see: DT4193200
1-o-CHLOROPHENYL-1-PHENYL-3-DIMETHYLAMINO-1-PROPANOL HYDROCHLORIDE see: DC7600000
(1-(p-CHLOROPHENYL)-1-PHENYL)ETHYL (beta-DIMETHYLAMINOETHYL) ETHER HYDROCHLORIDE see: KR2975000
DL-3-(p-CHLOROPHENYL)-N-((PHENYLMETHOXY)CARBONYL)ALANINE SODIUM SALT see: AY4463000
(m-CHLOROPHENYL)PHENYLPHOSPHINIC ACID see: SZ4577000
1-((m-CHLOROPHENYL)PHENYLPHOSPHINYL)-2,2,2-TRICHLOROETHANOL see: KK2425000
alpha-(p-CHLOROPHENYL)-alpha-PHENYL-2-PIPERIDINEMETHANOL HYDROCHLORIDE see: TN0418500
1-(4-CHLOROPHENYL)-1-PHENYL-2-PROPYNYL CARBAMATE see: EZ3400000
alpha-(p-CHLOROPHENYL)-alpha-PHENYL-4-PYRIDINEMETHANOL see: UT4757000
3-p-CHLOROPHENYL-2-PHENYL-4'-beta-PYRROLIDINOETHOXYACRYLOPHENONE see: FL7006000
3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)ACRYLOPHENONE see: FL7006000
erythro-3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)BUTYROPHENONE see: EU1600000
threo-3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)BUTYROPHENONE see: EU1650000
4-CHLORO-alpha-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)CHALCONE see: FL7007000
2-CHLORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE see: FL7004000
3'-CHLORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE see: FL7005000
4-CHLORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE see: FL7006000
3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)PROPIOPHENONE see: UG9367000
erythro-3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)VALEROPHENONE see: YV8926400
p-CHLOROPHENYL PHENYL SULPHONE see: WR5775000
3-(p-CHLOROPHENYL)-4-PHENYLSYDNONE see: WU7675600
4-(p-CHLOROPHENYL)-2-PHENYL-5-THIAZOLEACETIC ACID see: XJ1890000
4-(p-CHLOROPHENYL)-2-PHENYLTHIAZOLE-5-ACETIC ACID see: XJ1890000
(m-CHLOROPHENYL)PHOSPHONIC ACID see: SZ7175000
(o-CHLOROPHENYL)PHOSPHONIC ACID see: SZ7175100
(p-CHLOROPHENYL)PHOSPHONIC ACID see: SZ7350000
2-CHLOROPHENYLPHOSPHONIC ACID see: SZ7175100
4-(3-CHLOROPHENYL)-1-PIPERAZINECARBOXAMIDINE HEMISULFATE see: TL1287000
4-(4-CHLOROPHENYL)-1-PIPERAZINECARBOXAMIDINE HEMISULFATE see: TL1287200
2-CHLORO-11-(1-PIPERAZINYL)DIBENZ(b,f)(1,4)OXAZEPINE see: HQ4025500
2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL 4-PYRIDINEACRYLATE see: UR9275200
2-(3-(4-(m-CHLOROPHENYL)-1-PIPERAZINYL)PROPYL)-s-TRIAZOLE-(4,3-a)-PIRIDIN-3(2H)-ONE HCl see: YM1431000
2-(3-(4-(3-CHLOROPHENYL)-1-PIPERAZINYL)PROPYL)-1,2,4-TRIZOLO(4,3-a)PYRIDIN-3(2H)-ONE HCl see: YM1431000
7-(2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL)THEOPHYLLINE see: XH5093090
N-(m-CHLOROPHENYL)-N-PROPIONYLNORLEUCINE see: RC6309400 NORLEUCINE, N-(m-CHLOROPHENYL)-N-PROPIONYL-
S-(4-CHLOROPHENYL) O-PROPYL (CHLOROMETHYL)PHOSPHONODITHIOATE see: TA4200000
1-p-CHLOROPHENYL-3-(PROPYLSULFONYL)UREA see: YS6650000
CHLOROPHENYLPYRIDAMINE see: US6379500
1-p-CHLOROPHENYL-1-(2-PYRIDYL)-3-DIMETHYLAMINOPROPANE MALEATE see: US6475000
alpha-(p-CHLOROPHENYL)-1-PYRROLIDINEETHANOL p-CHLOROBENZOATE (ester) HYDROCHLORIDE see: UY1213000
3-p-CHLOROPHENYL-2-p-(beta-PYRROLIDINOETHOXY)PHENYLACRYLOPHENONE see: FL7007000
3-(p-CHLOROPHENYL)-2-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)ACRYLOPHENONE see: FL7007000
erythro-3-(p-CHLOROPHENYL)-2-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)VALEROPHENONE see: YV8926500
2-(p-(beta-CHLORO-alpha-PHENYLSTYRYL)PHENOXY)-TRIETHYLAMINE see: YE0800000
(9S)-9-(((4-CHLOROPHENYL)SULFONYL)AMINO)-9-DEOXO-ERYTHROMYCIN see: KF4660000
1-CHLORO-4-(PHENYLSULFONYL)BENZENE see: WR5775000
2-(4-((p-CHLOROPHENYL)SULFONYL)-3,5-DIMETHYLPHENYL)-as-TRIAZINE-3,5(2H,4H)-DIONE see: XY7810000 as-TRIAZINE-3,5(2H,4H)-DIONE, 2-(4-((p-CHLOROPHENYL)SULFONYL)-3,5-DIMETHYLPHENYL)-
1-((o-CHLOROPHENYL)SULFONYL)-3-(4-METHOXY-6-METHYL-s-TRIAZIN-2-YL)UREA see: YS6640000
1-(p-CHLOROPHENYLSULFONYL)-3-PROPYLUREA see: YS6650000
1-(p-CHLOROPHENYL)-1,2,2,2-TETRACHLOROETHANE see: KH7975000
N-(4-CHLOROPHENYL)-N-((1,1,2,2-TETRACHLORO-2-FLUOROETHYL)THIO)METHANESULFONAMIDE see: PB0470000
2-(p-CHLOROPHENYL)TETRAHYDRO-3-METHYL-4H-1,3-THIAZIN-4-ONE 1,1-DIOXIDE see: XJ1050000
2-(p-(2-(p-CHLOROPHENYL)-1,2,3,4-TETRAHYDRONAPHTHYL)PHENOXY)TRIETHYLAMINE see: YE2400000
cis-2-(p-(2-(p-CHLOROPHENYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)PHENYL)TRIETHYLAMINE see: YE1148600
5-CHLORO-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE see: NL6092000
6-CHLORO-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE see: NL6092010
2-(p-CHLOROPHENYL)-4-THIAZOLE-ACETIC ACID see: XJ1800000
2-(4-CHLOROPHENYL)-4-THIAZOLE-ACETIC ACID see: XJ1800000
2-(p-CHLOROPHENYL)THIAZOL-4-YLACETIC ACID see: XJ1800000
2-(4-CHLOROPHENYL)-THIAZOL-4-YLACETIC ACID see: XJ1800000
1-(p-CHLOROPHENYL)-2-THIOBARBITURIC ACID see: CQ2442000 BARBITURIC ACID, 1-(p-CHLOROPHENYL)-2-THIO-
4-(p-CHLOROPHENYLTHIO-1-BUTANOL see: EL1505000
2-(4-((p-CHLOROPHENYL)THIO)-3,5-DIMETHYLPHENYL)-as-TRIAZINE-3,5(2H,4H)-DIONE see: XY7820000as TRIAZINE-3,5(2H,4H)-DIONE, 2-(4-((p-CHLOROPHENYL)THIO)-3,5-DIMETHYLPHENYL)-
1-((4-CHLOROPHENYL)THIO)ETHENYL DIMETHYL PHOSPHATE see: TB8925000
S-(2-((4-CHLOROPHENYL)THIO)ETHYL O,O-DIMETHYL PHOSPHORODITHIOATE see: TD5200000
1-((o-CHLOROPHENYL)THIO)-3-((ISOBUTYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE see: UA9454000 2-PROPANOL, 1-((o-CHLOROPHENYL)THIO)-3-((ISOBUTYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
1-((p-CHLOROPHENYL)THIO)-3-(ISOPROPYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE see: UA9454200 2-PROPANOL, 1-((p-CHLOROPHENYL)THIO)-3-((ISOPROPYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
S-((p-CHLOROPHENYLTHIO)METHYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TD5250000
S-(4-CHLOROPHENYLTHIOMETHYL)DIETHYL PHOSPHOROTHIOLOTHIONATE see: TD5250000
S-(((p-CHLOROPHENYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TD5425000
S-(((2-CHLOROPHENYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TD5410000
S-(((3-CHLOROPHENYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TD5400000
S-(((4-CHLOROPHENYL)THIO)METHYL) O,O-DIMETHYLPHOSPHORODITHIOATE see: TD5425000
S-(((4-CHLOROPHENYL)THIO)METHYL) O-ETHYL PHOSPHONODITHIOATE see: TA5620000
S-(((4-CHLOROPHENYL)THIO)METHYL) O-METHYL METHYLPHOSPHONODITHIOATE see: TA7480000
2-CHLOROPHENYL THIOUREA see: YS7100000
1-(p-CHLOROPHENYLTHIO)VINYL DIMETHYL PHOSPHATE see: TB8925000
5-(o-CHLOROPHENYL)-3-(o-TOLYL)-s-TRIAZOLE see: XZ4502000
5-(p-CHLOROPHENYL)-3-(o-TOLYL)-s-TRIAZOLE see: XZ4503000
5-(m-CHLOROPHENYL)-3-(o-TOLYL)-s-TRIAZOLE see: XZ4501000
3-CHLORO-5-PHENYL-as-TRIAZINE see: XY5775550
6-(2-CHLOROPHENYL)-2H,4H-(1,2,3)TRIAZOLO(4,5-d)(2)BENZAZEPINE see: XZ5472000
8-CHLORO-6-PHENYL-4H-s-TRIAZOLO(4,3-a)(1,4)BENZODIAZEPINE see: XZ5473500
8-CHLORO-6-PHENYL-4H-(1,2,4)TRIAZOLO-(4,3-a)(1,4)BENZODIAZEPINE see: XZ5473500
2-(p-CHLOROPHENYL)-5H-TRIAZOLO(5,1-a)ISOINDOLE see: XZ5478060
2-(p-CHLOROPHENYL)-s-TRIAZOLO(5,1-a)ISOQUINOLINE see: XZ5478400
4-CHLOROPHENYL 2,4,5-TRICHLOROPHENYLAZOSULFIDE see: IL8842000
4-CHLOROPHENYL-2,4,5-TRICHLOROPHENYL AZOSULFIDE mixed with 1,1-BIS(4-CHLOROPHENYL)ETHANOL see: KJ7780000
p-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL SULFIDE see: WQ3850000
4-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL SULFIDE see: WQ3850000
p-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL SULFONE see: WR5850000
4-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL SULFONE see: WR5850000
p-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL SULPHONE see: WR5850000
CHLOROPHENYLTRICHLOROSILANE (DOT) see: VV2650000
(p-CHLOROPHENYL)TRIFLUOROMETHANE see: XS9145000
trans-6-CHLORO-4-PHENYL-4-VINYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER see: DF3510100
CHLOROPHOS see: TA0700000
CHLOROPHOSE see: TA0700000
4-CHLORO-1(2H)-PHTHALAZINONE DIETHYLHYDRAZONE see: TH9203600
4-CHLORO-3(2H)-PHTHALAZINONE (2-NITROPHENYL)HYDRAZONE see: TH9203700
S-(2-CHLORO-1-PHTHALIMIDOETHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TD5165000
CHLOROPHTHALM see: TA0700000
CHLOR-O-PIC see: PB6300000
6-CHLOROPICOLINIC ACID see: TJ7535000
CHLOROPICRIN see: PB6300000
CHLOROPICRIN (DOT) see: PB6300000
CHLOROPICRIN, absorbed (DOT) see: PB6300000
CHLOROPICRINE (French) see: PB6300000
CHLOROPICRIN, LIQUID (DOT) see: PB6300000
CHLOROPICRIN-METHYL BROMIDE mixt. see: PB6325000
CHLOROPICRIN and METHYL BROMIDE, mixture (DOT) see: PB6325000
CHLOROPICRIN and METHYL CHLORIDE MIXTURE (DOT) see: PB6330000
CHLOROPICRIN MIXTURE see: PB6320000
CHLOROPICRIN AND NONFLAMMABLE, NONLIQUEFIED COMPRESSED GAS MIXTURE (DOT) see: 36340000
N-CHLOROPIPERIDINE see: TM6468100
1-CHLOROPIPERIDINE see: TM6468100
p-(2-CHLORO-4-PIPERIDINO-2-BUTENYL)BENZENESULFONAMIDE HYDROCHLORIDE see: DB1577000
p-(2-CHLORO-4-PIPERIDINO-2-BUTENYL)-N-(2-THIAZOLYL)BENZENESULFONAMIDE HYDROCHLORIDE see: DB1580000
6-CHLOROPIPERONYL CHRYSANTHEMUMATE see: GZ1452000
6-CHLOROPIPERONYL 2,2-DIMETHYL-3-(2-METHYLPROPENYL)CYCLOPROPANECARBOXYLATE see: GZ1452000
6-CHLOROPIPERONYL ESTER of CHRYSANTHEMUMMONOCARBOXYLIC ACID see: GZ1452000
CHLOROPLATINIC ACID see: TP1500000
CHLOROPLATINIC ACID, solid (DOT) see: TP1500000
CHLOROPLATINIC (IV) ACID see: TP1500000
CHLOROPOTASSURIL see: TS8050000
CHLOROPREEN (Dutch) see: EI9625000
6-CHLORO-delta(sup 4,6)-PREGNADIENE-17-alpha-OL-3,20-DIONE 17-ACETATE see: TU3750000
6-CHLORO-PREGNA-4,6-DIEN-17-alpha-OL-3,20-DIONE ACETATE see: TU3750000
9-alpha-CHLOROPREGN-4-ENE-3,11,20-TRIONE see: TU5514500
12-alpha-CHLOROPREGN-4-ENE-3,11,20-TRIONE see: TU5514600
16-alpha-CHLOROPREGN-4-ENE-3,20-DIONE see: TU5010160
3-beta-CHLORO-delta(sup 5)-PREGNENE-20-ONE see: TU5544000
3-beta-CHLOROPREGN-5-EN-20-ONE see: TU5544000
4-CHLOROPREGN-4-ENE-3,20-DIONE see: TU5010150
CHLOROPREN (German, Polish) see: EI9625000
CHLOROPRENE see: EI9625000
beta-CHLOROPRENE see: EI9625000

BEST COPY AVAILABLE

3-CHLOROPRENE see: UC7350000
CHLOROPRENE, inhibited (DOT) see: EI9625000
CHLOROPRENE, uninhibited (DOT) see: EI9625000
CHLOROPRENE POLYMER see: EI9660000
4-CHLOROPROGESTERONE see: TU5010150
CHLOROPROMAZINE see: SN8925000
CHLOROPROMAZINE HYDROCHLORIDE see: SO1750000
CHLOROPROMAZINE MONOHYDROCHLORIDE see: SO1750000
CHLOROPROMURITE see: XX9625000
CHLOROPROPAMIDE see: YS6650000
alpha-CHLOROPROPANAL see: UE0370000
2-CHLOROPROPANAL see: UE0370000
3-CHLOROPROPANAL see: UE0370000
1-CHLOROPROPANE see: TX4400000
2-CHLOROPROPANE see: TX4410000
CHLOROPROPANE DIOL-1,3 see: TY4200000
dl-3-CHLORO-1,2-PROPANEDIOL see: TY4202000
(+-)-3-CHLORO-1,2-PROPANEDIOL see: TY4202000
1-CHLOROPROPANE-2,3-DIOL see: TY4025000
3-CHLOROPROPANE-1,2-DIOL see: TY4025000
3-CHLORO-1,2-PROPANEDIOL see: TY4025000
1-CHLORO-2,3-PROPANEDIOL see: TY4025000
3-CHLORO-1,2-PROPANEDIOL 1-ACETATE see: TY4203000
3-CHLORO-1,2-PROPANEDIOL 1-BENZOATE see: TY4203100
2-CHLOROPROPANE (DOT) see: TX4410000
3-CHLOROPROPANENITRILE see: UG1400000 PROPIONITRILE, 3-CHLORO-
3-CHLOROPROPANOIC ACID see: UE8750000
3-CHLOROPROPANOIC ACID SODIUM SALT see: UE9620000
1-CHLORO-2-PROPANOL see: UA8942000
2-CHLORO-1-PROPANOL see: UA8925000
3-CHLOROPROPANOL see: UA8930000
1-CHLORO-2-PROPANOL mixed with 2-CHLORO-1-PROPANOL (4:1) see: UA8981000
2-CHLORO-1-PROPANOL mixed with 1-CHLORO-2-PROPANOL (1:4) see: UA8981000
3-CHLOROPROPANOL-1 (DOT) see: UA8930000
CHLOROPROPANONE see: UC0700000
1-CHLORO-2-PROPANONE see: UC0700000
3-CHLOROPROPANONITRILE see: UG1400000
7-CHLORO-1-PROPARGYL-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE see: DF2375000
cis-1-CHLOROPROPENE see: UC7182000
1-CHLOROPROPENE see: UC7175000
1-CHLORO-PROPENE see: UC7182000
1-CHLORO PROPENE-2 see: UC7350000
1-CHLORO-1-PROPENE see: UC7175000
1-CHLORO-2-PROPENE see: UC7350000
2-CHLORO-1-PROPENE see: UC7200000
3-CHLOROPROPENE see: UC7350000
3-CHLOROPROPENE-1 see: UC7350000
2-CHLOROPROPENE (DOT) see: UC7200000
cis-1-CHLOROPROPENE OXIDE see: TX4850010
trans-1-CHLOROPROPENE OXIDE see: TX4850000
2-CHLORO-2-PROPENE-1-THIOL DIETHYLDITHIOCARBAMATE see: EZ5075000
cis-3-CHLOROPROPENOIC ACID, SODIUM SALT see: AS6475000
2-CHLORO-2-PROPENYL DIETHYLCARBAMODITHIOATE see: EZ5075000
O-(2-CHLORO-2-PROPENYL) O-(4-NITROPHENYL) METHYLPHOSPHONOTHIOATE see: TB1075000
O-(2-CHLORO-2-PROPENYL) O-(4-NITRO-3-(TRIFLUOROMETHYL)PHENYL)METHYLPHOSPHONOTHIOATE see: TB1076000
3-CHLORO-4-(2-PROPENYLOXY)BENZENEACETIC ACID see: AF2100000
CHLOROPROPHAM see: FD8050000
CHLOROPROPHENPYRIDAMINE see: US6379500
CHLOROPROPHENPYRIDAMINE MALEATE see: US6475000
alpha-CHLOROPROPIONALDEHYDE see: UE0370000
2-CHLOROPROPIONALDEHYDE see: UE0370000
2-CHLOROPROPIONATE SODIUM SALT see: UE9620000
CHLOROPROPIONIC ACID see: UE8550000
alpha-CHLOROPROPIONIC ACID see: UE8575000
beta-CHLOROPROPIONIC ACID see: UE8750000
3-CHLOROPROPIONIC ACID see: UE8750000
CHLOROPROPIONIC ACID (DOT) see: UE8550000
2-CHLOROPROPIONIC ACID ISOPROPYL ESTER see: UE8947000
alpha-CHLOROPROPIONIC ACID SODIUM SALT see: UE9620000
2-CHLOROPROPIONIC ACID SODIUM SALT see: UE9620000
beta-CHLOROPROPIONITRILE see: UG1400000
3-CHLOROPROPIONITRILE see: UG1400000
N-(3-CHLOROPROPIONYL)BENZYLAMINE see: UE3150000
1-(beta-CHLOROPROPIONYL)-3-(4'-BROMOPHENYL)-1,2,3,4-TETRAHYDROQUINAZOLIN-4-ONE see: VA3116900
1-(2-CHLOROPROPIONYL)-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL see: UC0729200
1-(3-CHLOROPROPIONYL)-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL see: UC0729300
2-CHLORO-3-PROPOXY-1,4-NAPHTHOQUINONE see: QL7482000
2-CHLOROPROPYL ALCOHOL see: UA8925000
alpha-CHLOROPROPYLALDEHYDE see: UE0370000
4-CHLORO-4-((PROPYLAMINO)CARBONYL)BENZENESULFONAMIDE see: YS6650000
2-CHLORO-4-(2-PROPYLAMINO)-6-ETHYLAMINO-s-TRIAZINE see: XY5600000
CHLOROPROPYLATE see: DD2450000
3-CHLOROPROPYL BROMIDE see: TX4113000
2-CHLOROPROPYL 1,2-DIBROMO-2,2-DICHLOROETHYL ETHYL PHOSPHATE see: TB8935000
2-CHLOROPROPYL 2,2-DICHLOROETHENYL ETHYL PHOSPHATE see: TB8940C00
2-CHLOROPROPYL-DIMETHYLAMINE HYDROCHLORIDE see: TY1225000
alpha-(3-CHLOROPROPYL)-alpha-(2-(DIPROPYLAMINO)ETHYL)-2-THIOPHENEACETONITRILE see: XM7643000
3-CHLOROPROPYLENE see: UC7350000
3-CHLOROPROPYLENE GLYCOL see: TY4025000
CHLOROPROPYLENE OXIDE see: TX4900000
gamma-CHLOROPROPYLENE OXIDE see: TX4900000
3-CHLORO-1,2-PROPYLENE OXIDE see: TX4900000
5-(3-CHLOROPROPYL)-4-METHYLTHIAZOLE 1,2-ETHANEDISULFONATE see: XJ3952000
CHLOROPROTHIXENE see: XO1050000
CHLOROPTIC see: AB6825000
6-CHLOROPURINE see: UO7520000
CHLOROPYRAMINE and IMIPRAMINE (1:1) see: HO1700000
4-CHLOROPYRAZOLE see: NO6445000
1-CHLOROPYRENE see: UR2450500
3-CHLOROPYRENE see: UR2450500
(3-CHLORO-PYRIDAZINYL-(6)-THIO)-ACETIC ACID DIETHYLAMIDE see: AB5836500
2-((6-CHLORO-3-PYRIDAZINYL)THIO)-N,N-DIETHYLACETAMIDE see: AB5836500
alpha-CHLOROPYRIDINE see: US5950000
m-CHLOROPYRIDINE see: US6125000
o-CHLOROPYRIDINE see: US5950000
2-CHLOROPYRIDINE see: US5950000
3-CHLOROPYRIDINE see: US6125000
2-CHLOROPYRIDINE (DOT) see: US5950000
3-CHLORO-4-(2-PYRIDINYLAMINO)HYDRATROPIC ACID see: MU6616000
6-CHLORO-1-(2-PYRIDYL)-2-BENZIMIDAZOLINONE see: DE1812000
4-(2-((6-CHLORO-2-PYRIDYL)THIO)ETHYL)MORPHOLINE MONOHYDROCHLORIDE see: QE0490000MORPHOLINE, 4-(2-((6-CHLORO-2-PYRIDYL)THIO)ETHYL)-, MONOHYDROCHLORIDE
CHLOROPYRILENE see: US7350000
5-CHLOROPYRIMIDIN-2-ONE see: UW7380500
5-CHLORO-2(1H)-PYRIMIDINONE see: UW7380500
6-CHLORO-1-(2-PYRIMIDINYL)-2-BENZIMIDAZOLINONE see: DE1815000
N'-(5-CHLORO-2-PYRIMIDYL)-METANILAMIDE SILVER SALT see: OY2213000
1-CHLORO-2,5-PYRROLIDINEDIONE see: UY1013500
6'-CHLORO-2-PYRROLIDINYL-o-VALEROTOLUIDIDE HYDROCHLORIDE see: YV9104000
CHLOROQUINA see: VB2360000
CHLOROQUIN DIPHOSPHATE see: VB2450000
CHLOROQUINE see: VB2360000
CHLOROQUINE DIPHOSPHATE see: VB2450000
CHLOROQUINE MUSTARD see: VB0175000
CHLOROQUINE PHOSPHATE see: VB2450000
CHLOROQUINE, PHOSPHATE see: VB2625000
CHLOROQUINIUM see: VB2360000
5-CHLORO-8-QUINOLINOL see: VC4590000
N(sup 4)-(7-CHLORO-4-QUINOLINYL)-N(sup 1),N(sup 1)-DIETHYL-1,4-PENTANEDIAMINE see: VB2360000
2-((7-CHLORO-4-QUINOLYLAMINO)ACETYL)PIPERIDINE see: TM6498620
2-(7-CHLORO-4-QUINOLYLAMINO)-N-sec-BUTYLACETAMIDE MONOHYDROCHLORIDE see: AB5837700
2-(7-CHLORO-4-QUINOLYLAMINO)-N,N-DIETHYLACETAMIDE see: AB5837800
3-(7-CHLORO-4-QUINOLYLAMINO)-N,N-DIMETHYLPROPIONAMIDE see: UE3300000
2-(7-CHLORO-4-QUINOLYLAMINO)-N,N-DIPROPYLACETAMIDE see: AB5837850
2-(7-CHLORO-4-QUINOLYLAMINO)-1-PIPERIDINO-1-BUTANONE MONOHYDROCHLORIDE see: EL7170000
4-((7-CHLORO-4-QUINOLYL)AMINO)-alpha-1-PYRROLIDINYL-o-CRESOL DIHYDROCHLORIDE see: GO7350000
4-CHLORORESORCINOL see: VH0450000
5-CHLORO-beta-RESORCYLIC ACID see: VH3708400
CHLOROS see: NH3486300
5-CHLOROSALICYLIC ACID see: VO2080000
3-CHLORO-4-STILBENAMINE see: WJ3600000
2'-CHLORO-4-STILBENYL-N,N-DIMETHYLAMINE see: WJ3675000
3'-CHLORO-4-STILBENYL-N,N-DIMETHYLAMINE see: WJ3750000
4'-CHLORO-4-STILBENYL-N,N-DIMETHYLAMINE see: WJ3800000
CHLOROSTOP see: KV0350000
CHLOROSTYRENE see: WL4150000
o-CHLOROSTYRENE see: WL4160000
2-CHLOROSTYRENE see: WL4160000
m-CHLOROSTYRENE OXIDE see: CZ0526000
3-CHLOROSTYRENE OXIDE see: CZ0526000
trans-4'-(p-CHLOROSTYRYL)ACETANILIDE see: AE1800000
N-CHLOROSUCCINIMIDE see: UY1013500
CHLOROSULFACIDE see: WQ2975000
6-CHLORO-7-SULFAMOYL-2H-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE see: DK9450000
6-CHLORO-7-SULFAMOYL-3,4-DIHYDRO-2H-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE see: DK9100000
CHLOPOSULFONIC ACID see: FX5730000
CHLOROSULFONIC ACID (DOT) see: FX5730000

FX5725500 CHLOROSULFONIC ACID, mixed with SULFUR TRIOXIDE
UPDT:8308 MW: 164.52 MOLFM: Cl-H-O5 -03-5
SYN: CHLOROSULFONIC ACID SULFUR TRIOXIDE mixture (DOT) * UN 1754 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-CORROSIVE MATERIAL, LABEL-CORROSIVE CFRGBR 49.172.101.82
CHLOROSULFONIC ACID SULFUR TRIOXIDE mixture (DOT) see: FX5725500
CHLOROSULFONIC ANHYDRIDE see: UX8310000
5-(CHLOROSULFONYL)-2,4-DICHLOROBENZOIC ACID see: DG5642700
1-(4-CHLORO-o-SULFO-5-TOLYLAZO)-2-NAPHTHOL, BARIUM SALT see: DB5500000

FX5730000 CHLOROSULFURIC ACID
UPDT:8308 CAS: 7790-94-5 MW: 116.52 MOLFM: Cl-H-O3-S
SYN: CHLOROSULFONIC ACID * CHLOROSULFONIC ACID (DOT) * MONOCHLOROSULFURIC ACID * SULFONIC ACID, MONOCHLORIDE * SULFURIC CHLOROHYDRIN * UN 1754 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-CORROSIVE MATERIAL, LABEL-CORROSIVE CFRGBR 49.172.101.82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
4-CHLORO-5-SULPHAMOYLPHTHALIMIDE see: NR3539000
1-(4-CHLORO-o-SULPHO-5-TOLYLAZO)-2-NAPHTHOL, BARIUM SALT see: DB5500000
CHLOROSULTHIADIL see: DK9100000
CHLOROTESTOSTERONE ACETATE see: BV8380900 ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE
4-CHLOROTESTOSTERONE ACETATE see: BV8380900 ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE
7-CHLOROTETRACYCLINE see: QI7750000
CHLOROTETRACYCLINE HYDROCHLORIDE see: QI7800000
6-CHLORO-N,N,N',N'-TETRAETHYL-1,3,5-TRIAZINE-2,4-DIAMINE see: XY5075000
CHLOROTETRAFLUOROETHANE see: KH8000000
CHLOROTETRAFLUOROETHANE (DOT) see: KH8000000
7-CHLORO-1,2,3,4-TETRAHYDRO-2-METHYL-3-(2-METHYLPHENYL)-4-OXO-6-QUINAZOLINESULFONAMIDE see: VA1700000
7-CHLORO-1,2,3,4-TETRAHYDRO-2-METHYL-4-OXO-3-o-TOLYL-6-QUINAZOLINESULFONAMIDE see: VA1700000
5-(4-CHLOROTETRAHYDRO-3-THIENYL) O,O-DIETHYL PHOSPHOROTHIOATE 1,1-DIOXIDE see: TE8600000
CHLOROTETRAHYDROXY((2-HYDROXY-5-OXO-2-IMIDAZOLIN-4-YL)UREATO)DIALUMINUM see: BD0580000
9-CHLORO 7-(1H-TETRAZOL-5-YL)-5H-1-BENZOPYRANO(2,3-b)PYRIDIN-5-ONE SODIUM PENTAHYDRATE see: DJ3175000
2-CHLORO-5-(1H-TETRAZOL-5-YL)-N(sup 4)-2-THENYLSULFANILAMIDE see: WO8900000
CHLOROTHAL see: WZ1500000
CHLOROTHALIDONE see: DB1556000
CHLOROTHALONIL see: NT2600000
CHLOROTHANE NU see: KJ2975000
CHLOROTHEN see: US7350000
CHLOROTHENE see: KJ2975000
CHLOROTHENE(inhibited) see: KJ2975000
CHLOROTHENE NU see: KJ2975000
CHLOROTHENE VG see: KJ2975000
2-((5-CHLORO-2-THENYL)(2-DIMETHYLAMINOETHYL)AMINO)PYRIDINE see: US7350000
CHLOROTHENYLPYRAMINE see: US7350000
CHLOROTHEOPHYLLINE CHOLINATE see: GA2580000

BEST COPY AVAILABLE

8-CHLOROTHEOPHYLLINE, compd. with 2-(DIPHENYLMETHOXY)-N,N-DIMETHYLETHYLAMINE (1:1) see: RM5062000
CHLOROTHIAMIDE see: CV3850000
CHLOROTHIAZID see: DR9450000
CHLOROTHIAZIDE see: DR9450000
CHLOROTHIOACETIC ACID S-2-AMINOETHYL ESTER HYDROCHLORIDE see: AG1475000
p-CHLOROTHIOBENZENESULFONIC ACID S-(p-CHLOROPHENYL) ESTER see: DP5630000
p-CHLOROTHIOCARBANILIC ACID O-(p-CHLOROPHENYL) ESTER see: FD8587000 CARBANILIC ACID, p-CHLOROTHIO-, O-(p-CHLOROPHENYL) ESTER
CHLOROTHRON see: TF8050000
2,3,4,5-CHLOROTHIOPHENE see: KN0350000
5-CHLORO-2,4-THIOPHENEDISULFONAMIDE see: XM9225000
5-CHLORO-2-THIOPHENESULFONAMIDE see: XM0296000
p-CHLOROTHIOPHENOL see: DC1050000
4-CHLOROTHIOPHENOL see: DC1050000
4-(3-(2-CHLOROTHIOXANTHEN-9-YLIDENE)PROPYL)-1-PIPERAZINEPROPANOL DIHYDROCHLORIDE see: TM2865000
4-CHLORO-o-TOLOXYACETIC ACID see: AG1575000
alpha-CHLOROTOLUENE see: XS8925000
m-CHLOROTOLUENE see: XS8990000
p-CHLOROTOLUENE see: XS9000000
omega-CHLOROTOLUENE see: XS8925000
p-CHLOROTOLUENE see: XS9010000
2-CHLORO-p-TOLUIDINE see: XU5111000
4-CHLORO-o-TOLUIDINE see: XU5000000
4-CHLORO-2-TOLUIDINE see: XU5100000
5-CHLORO-o-TOLUIDINE see: XU5075000
CHLORO-m-TOLUIDINE (DOT) see: XU4650000
CHLORO-o-TOLUIDINE (DOT) see: XU4700000
CHLORO-p-TOLUIDINE (DOT) see: XU5108000
4-CHLORO-o-TOLUIDINE HYDROCHLORIDE see: XU5250000
4-CHLORO-2-TOLUIDINE HYDROCHLORIDE see: XU5250000
4-CHLORO-o-TOLUIDINE HYDROCHLORIDE (DOT) see: XU5250000
1-(5-CHLORO-o-TOLUIDINO)-N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYLACETAMIDE MALEATE see: AB5840500
2-(5-CHLORO-o-TOLUIDINO)-N-(2-(DIMETHYLAMINO)ETHYL)-2-PHENYLACETAMIDE MALEATE see: AB5840600
1-((2-(3-CHLORO-o-TOLUIDINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE see: UA9459000
N-(N-(4-CHLORO-o-TOLYL)AMIDINO)-4-MORPHOLINECARBOXAMIDINE MONOHYDROCHLORIDE see: QD0830000
N-(3-CHLORO-o-TOLYL)-ANTHRANILIC ACID see: CB2687500
p-((3-CHLORO-p-TOLYL)AZO)-N,N-DIMETHYLANILINE see: BX1925000
p-((4-CHLORO-m-TOLYL)AZO)-N,N-DIMETHYLANILINE see: BX2100000
N-(3-CHLORO-p-TOLYL)BENZAMIDINE see: CV6137200
o-CHLORO-N-p-TOLYLBENZAMIDINE see: CV6137300
1-(3-CHLORO-4-(p-TOLYL)-2-BUTENYL)PIPERIDINE HYDROCHLORIDE see: TM6498800
1-(3-CHLORO-4-(p-TOLYL)-2-BUTENYL)-1-(4-(p-TOLYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4724000
1-(4-CHLORO-o-TOLYL)-5,5-DIETHYLBIGUANIDE MONOHYDROCHLORIDE see: DU1783000
N'-(4-CHLORO-o-TOLYL)-N,N-DIMETHYLFORMAMIDINE see: LQ4375000
N'-(4-CHLORO-o-TOLYL)-N,N-DIMETHYLFORMAMIDINE, HYDROCHLORIDE see: LQ4550000
1-(4-CHLORO-o-TOLYL)-5-ETHYLBIGUANIDE MONOHYDROCHLORIDE see: DU1783200
N-(3-CHLORO-p-TOLYL)ISONICOTINAMIDINE see: NC6092000
1-(4-CHLORO-o-TOLYL)-5-ISOPROPYLBIGUANIDE MONOHYDROCHLORIDE see: DU1783400
3-(4-CHLORO-o-TOLYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE see: XZ4504000
3-(5-CHLORO-o-TOLYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE see: XZ4505000
1-(4-CHLORO-o-TOLYL)-5-METHYLBIGUANIDE MONOHYDROCHLORIDE see: DU1783800
N-(3-CHLORO-p-TOLYL)-1-NAPHTHAMIDINE see: QK7127000
1-(4-CHLORO-o-TOLYL)-5-(1-NAPHTHYLMETHYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1784400
N-(3-CHLORO-p-TOLYL)NICOTINAMIDINE see: QS4700000
((4-CHLORO-o-TOLYL)OXY)ACETIC ACID see: AG1575000
((4-CHLORO-o-TOLYL)OXY)ACETIC ACID, alpha-((DIMETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE see: AG1910000
(p-CHLORO-o-TOLYLOXY)ACETIC ACID SODIUM SALT see: AG2625000
(4-CHLORO-o-TOLYLOXY)BUTYRIC ACID see: ES8575000
4-(4-CHLORO-o-TOLYLOXY)BUTYRIC ACID see: ES8575000
(4-CHLORO-o-TOLYLOXY)BUTYRIC ACID SODIUM SALT see: ES8750000
2-(p-CHLORO-o-TOLYLOXY)PROPIONIC ACID see: UE9750000
2-(4-CHLORO-o-TOLYLOXY)PROPIONIC ACID POTASSIUM SALT see: UF0250000
1-(4-CHLORO-o-TOLYL)-5-PHENYLBIGUANIDE MONOHYDROCHLORIDE see: DU1784800
3-(4-CHLORO-o-TOLYL)-5-PHENYL-s-TRIAZOLE see: XZ4506000
3-(5-CHLORO-o-TOLYL)-5-PHENYL-s-TRIAZOLE see: XZ4507000
CHLOROTRIANISENE see: KV0600000
CHLOROTRIANISIN see: KV0600000
CHLOROTRIAZINE see: XZ1400000
2-CHLORO-2',6',5'-TRIBROMOACETANILIDE see: AE1864000 ACETANILIDE, 2-CHLORO-2',4',5'-TRIBROMO-
CHLOROTRIBUTYLSTANNANE see: WH6820000
2-CHLORO-6-(TRICHLOROMETHYL)PYRIDINE see: US7525000
5-CHLORO-1-(2,4,5-TRICHLOROPHENYL)ETHENYL DIETHYL PHOSPHATE see: TB8970000
2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)ETHENYL ETHYL METHYL PHOSPHATE see: TB9105000
(Z)-2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL DIMETHYL PHOSPHATE see: TB9100000
2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL DIMETHYL PHOSPHATE see: TB9050000
PHOSPHORIC ACID 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL DIMETHYL ESTER
2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL PHOSPHORIC ACID DIMETHYL ESTER see: TB9050000PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL DIMETHYL ESTER
2-CHLORO-1,1,3-TRIETHOXY PROPANE see: UE0630000
beta-CHLOROTRIETHYLAMINE see: YE0700030
2-CHLOROTRIETHYLAMINE see: YE0700000
2-CHLOROTRIETHYLAMINEHYDROCHLORIDE see: YE1050000
5-CHLORO-2,4,6-TRIETHYLENEIMINOPYRIMICINE see: UV8138700
CHLOROTRIETHYLSTANNANE see: WH6840C00
CHLOROTRIETHYLTIN see: WH6840000
6-CHLORO-N,N,N'-TRIETHYL-1,3,5-TRIAZINE-2,4-DIAMINE see: XY5425000
CHLOROTRIFLUORIDE see: FQ2850000
CHLOROTRIFLUOROETHANE see: KH6800000
CHLOROTRIFLUOROETHANE (DOT) see: KH8C08000
2-CHLORO-1,1,2-TRIFLUOROETHYL DIFLUOROMETHYL ETHER see: KN6800000
CHLOROTRIFLUOROETHYLENE see: KV0525000
2-CHLORO-1,1,2-TRIFLUOROETHYL METHYL ETHER see: KN6825000
CHLOROTRIFLUOROMETHANE see: PA6410000
CHLOROTRIFLUOROMETHANE (DOT) see: PA6410000
CHLOROTRIFLUOROMETHANE and TRIFLUOROMETHANE AZEOTROPIC MIXTURE (DOT) see: PA6420000
p-CHLOROTRIFLUOROMETHYLBENZENE see: XS9145000
2-CHLORO(TRIFLUOROMETHYL)BENZENE see: XS9146000
N-(2-CHLORO-4-(TRIFLUOROMETHYL)PHENYL)-D-VALINE CYANO(3-PHENOXYPHENYL)METHYL ESTER see: YV9397100
N-(2-CHLORO-5-(TRIFLUOROMETHYL)PHENYL)-2,4-DINITRO-6-(TRIFLUOROMETHYL)BENZENAMINE see: BX1230000
2-CHLORO-1,1,1-TRIFLUOROPROPANE see: TA6200000 PROPANE, 2-CHLORO-1,1,1-TRIFLUORO-
o-CHLORO-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)BENZAMIDINE see: CV6137400
2-CHLORO-alpha,alpha,alpha-TRIFLUORO-p-TOLYL-3-ETHOXY-4-NITROPHENYL ETHER see: KN6900000
CHLORO(TRIISOBUTYL)STANNANE see: WH8840000
CHLOROTRIISOPROPYLSTANNANE see: WH6848000 STANNANE, CHLOROTRIISOPROPYL-
7-CHLORO-4,6,2'-TRIMETHOXY-6'-METHYLGRIS-2'-EN-3,4'-DIONE see: WG9800000
o-CHLORO-N-(3,4,5-TRIMETHOXYPHENYL)BENZAMIDINE see: CV6137500
CHLORO-8 TRIMETHYL-N,N,5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French) see: HN4899000
CHLORO-8-TRIMETHYL-N,N,5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French) see: HN4899200
2-CHLORO-N,N,N-TRIMETHYLETHANAMINIUM CHLORIDE see: BP5250000
3-CHLORO-N,N,2-TRIMETHYL-1-PROPYLAMINE see: UI0670200
2-CHLORO-N,N,6-TRIMETHYL-4-PYRIMIDINAMINE see: UV8050000
CHLOROTRIMETHYLSTANNANE see: WH6850000
CHLOROTRIMETHYLTIN see: WH6850000
CHLOROTRIPHENYLSTANNANE see: WH6860000
CHLOROTRIPHENYLTIN see: WH6860000
CHLOROTRIPROPYLSTANNANE see: WH6870000
5-CHLORO-2,4,6-TRIS(1-AZIRIDINYL)PYRIMIDINE see: UV8138700
CHLOROTRISIN see: KV0600000
CHLOROTRIS(p-METHOXYPHENYL)ETHYLENE see: KV0600U00
(CHLOROTRITYL)IMIDAZOLE see: NI4377000
1-(p-CHLOROTRITYL)IMIDAZOLE see: NI4377000
CHLORO(TRIVINYL)STANNANE see: WH6870500

FY1678500 CHLOROUS ACID, SILVER(1+) SALT
UPDT 8308 CAS: 7783-91-7 MW: 176.33 MOLFM: Ag Cl H O2
SYN: SILVER CHLORITE, dry (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN CFRGBR 49,172.101,82
CHLORO-25 VETAG see: AB6825000
CHLOROVINYLARSINE DICHLORIDE see: CH2975000
beta-CHLOROVINYLARSONIC ACID see: YZ1225000
beta-CHLOROVINYLDICHLOROARSINE see: CH2975000
(E)-5-(2-CHLOROVINYL)-2'-DEOXYURIDINE see: YU7495000
2-CHLOROVINYLDICHLOROARSINE see: CH2975000
beta-CHLOROVINYL ETHYL ETHYNYL CARBINOL see: SB4725000
3-(beta-CHLOROVINYL)-1-PENTYN-3-OL see: SB4725000
CHLOROWAX see: RV0450000

FY2280000 CHLOROWAX 40
UPDT 8412 CAS: 51990-12-6
SYN: NCI-C53543

STATUS:
NTP CARCINOGENESIS STUDIES, TEST COMPLETED, OCTOBER 1984
CHLOROWAX 50 see: RV0450000
CHLOROWAX 70 see: RV0450000
CHLOROWAX 500C see: RV0450000
CHLOROWAX S 70 see: RV0450000
CHLOROWAX 70S see: RV0450000
CHLOROWOOD (Polish) see: WC9025000
CHLOROX see: NH3486300
CHLOROXAZONE see: DM5250000
CHLOROXIFENIDIM see: YS6125000
CHLOROXONE see: AG6825000
CHLOROXURON see: YS6125000
CHLOROXYLAM see: FB6825000
6-CHLORO-3,4-XYLENYL N-METHYLCARBAMATE see: FB6825000
(4-CHLORO-6-(2,3-XYLIDINO)-2-PYRIMIDINYLTHIO)ACETIC ACID see: AG2915000
2-((4-CHLORO-6-(2,3-XYLIDINO)-2-PYRIMIDINYL)THIO)-N-(2-HYDROXYETHYL)ACETAMIDE see: AB5860000
α-(α-CHLORO-N-2,6-XYLYLBENZAMIDO)BUTYRIC ACID see: ES8810000 BUTYRIC ACID, 4-(α-CHLORO-N-2,6-XYLYLBENZAMIDO)-
4-(p-CHLORO-N-2,6-XYLYLBENZAMIDO)BUTYRIC ACID see: ES8812000 BUTYRIC ACID, 4-(p-CHLORO-N-2,6-XYLYLBENZAMIDO)-
1-(3-CHLORO-4-(2,4-XYLYL)-2-BUTENYL)-1-(DECYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE see: TN4719000
6-CHLORO-3,4-XYLYL N-METHYLCARBAMATE see: FB6825000
CHLOROXYPHOS see: TA0700000
CHLOROXYQUINOLINE see: VC4390000
CHLOROZIRCONYL see: ZH7700000
CHLOROZOTOCIN see: LZ5758000
CHLORPARACIDE see: WQ2975000
CHLORPARAMINE TRANILINE RED see: QL3436000
CHLORPERALGONIC see: RA6700000
CHLORPERAZINE see: SO2700000
CHLORPHACINON (Italian) see: NK5335000
CHLORPHADIANONE HYDROCHLORIDE see: DC7600000
CHLORPHENAMIDINE see: LQ4375000
CHLORPHENAMINE see: US6379500
CHLORPHENESIN CARBAMATE see: KZ2975000
CHLORPHENIRAMINE see: US6379500
CHLORPHENIRAMINE MALEATE see: US6475000
(+)-CHLORPHENIRAMINE MALEATE see: US6504000
d-CHLORPHENIRAMINE MALEATE see: US6504000
d-CHLORPHENYRAMINE MALEATE see: US6503000
l-CHLORPHENIRAMINE MALEATE see: US6502000
S-(+)-CHLORPHENIRAMINE MALEATE see: US6504000
o-CHLORPHENOL (German) see: SK2625000
CHLORPHENZIAMINE HYDROCHLORIDE see: KR2975000
3-(4-(4-CHLOR-PHENOXY)-PHENYL)-1,1-DIMETHYLHARNSTOFF (German) see: YS6125000
CHLORPHENPROP-METHYL see: UK8640000
CHLORPHENTERAMINE see: SH1050000
CHLORPHENTERAMINE see: SH1050000
CHLORPHENTERAMINE HYDROCHLORIDE see: SH1225000
CHLORPHENVINFOS see: TA6750000
CHLORPHENVINPHOS see: TA6750000
6-(p-CHLORPHENYL)-8-AETHYL-1-METHYL-4H-s-TRIAZOLO(3,4-c)THIENO(2,3-e)(1,4)DIAZEPIN (German) see: KZ6158300
(4-CHLOR-PHENYL)-BENZOLSULFONAT (German) see: DB5600000
(4-CHLOR-PHENYL)-4-CHLOR-BENZOL-SULFONATE (German) see: DB5250000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

3-(4-CHLOR-PHENYL)-1,1-DIMETHYL-HARNSTOFF (German) see: YS6300000
1-(p-CHLOR-PHENYL)-3,3-DIMETHYL-TRIAZEN (German) see: XY0700000
gamma-(4-(p-CHLORPHENYL)-4-HYDROXPIPERIDINO)-p-FLUORBUTYROPHENONE see: EU1575000
N-(3-CHLOR-PHENYL)-ISOPROPYL-CARBAMAT (German) see: FD8050000
3-(4-CHLORPHENYL)-1-METHOXY-1-METHYLHARNSTOFF (German) see: YS6425000
N-(4-CHLORPHENYL)-N'-METHYL-N'-ISOBUTINYLHARNSTOFF (German) see: YS6475000
((4-CHLORPHENYL)-1-PHENYL)-ACETYL-1,3-INDANDION (German) see: NK5335000
3-(1-(4-CHLOR-PHENYL)-3-OXO-BUTYL)-4-HYDROXY-CUMARIN (German) see: GN4830000
2(2-(4-CHLOR-PHENYL-2-PHENYL)ACETYL)INDAN-1,3-DION (German) see: NK5335000
N-(p-CHLORPHENYL)-C-(PHENYL)-SYDNON (German) see: WU7675600
4-(p-CHLORPHENYLTHIO)-BUTANOL (German) see: EL1505000
5-(4-CHLOR-PHENYL-THIOCARBAMOYL)-THIOGLYCOLSAEURE (German) see: FD7765000
5-(3-CHLOR-PHENYL-THIOCARBAMOYL)-THIOGLYKOLSAEURE (German) see: FD7760000
CHLORPHONIUM see: TA2975000
CHLORPHTHALIDOLONE see: DB1556000
CHLORPHTHALIDONE see: DB1556000
CHLORTIKRIN (German) see: PB6300000
CHLORPROHEPTADIEN see: HO8925000
CHLORPROHEPTADIENE HYDROCHLORIDE see: HO8925000
CHLORPROMAZIN see: SN8925000
CHLORPROMAZINE see: SN8925000
CHLORPROMAZINE ALLYLAMMONIUM CHLORIDE see: BO3725C00
CHLORPROMAZINE BENZYLAMMONIUM CHLORIDE see: BO6577000
CHLORPROMAZINE CHLORIDE see: SO1750000
CHLORPROMAZINE HYDROCHLORIDE see: SO1750000
CHLORPROMAZINE and LITHIUM CARBONATE (2:9) see: FG0410000
CHLORPROMAZINE and LITHIUM CARBONATE (1:36) see: SO1800000
CHLORPROMAZINE METHIODIDE see: BP5405300
CHLORPROMAZINE MONOHYDROCHLORIDE see: SO1750000
CHLORPROMAZINE OCTYLAMMONIUM CHLORIDE see: BP5405800
CHLORPROMAZINE-5-OXYD see: SO2275000
CHLORPROMAZINE PHENACYLAMMONIUM BROMIDE see: BP5405100
CHLORPROMAZINE 9-PHENANTHRYLMETHYLAMMONIUM BROMIDE see: BP5405200
CHLORPROMAZINE SULFOXIDE see: SO2275000
CHLORPROMAZINIUM CHLORIDE see: SO1750000
CHLORPROPAMID see: YS6650000
CHLORPROPAMIDE see: YS6650000
3-CHLORPROPEN (German) see: UC7350000
CHLORPROPHAM see: FD8050000
CHLORPROPHAME (French) see: FD8050000
CHLORPROPHENPYRIDAMINE see: US6379500
CHLORPROPHENPYRIDAMINE HYDROCHLORIDE see: US6400000
CHLORPROTHIXEN see: XO1050000
CHLORPROTHIXENE see: XO1050000
alpha-CHLORPROTHIXENE see: XO1050000
cis-CHLORPROTHIXENE see: XO1050000
trans-CHLORPROTHIXENE HYDROCHLORIDE see: XO0605000 THIOXANTHENE, 2-CHLORO-9-(3-(DIMETHYLAMINO)PROPYLIDENE-, HYDROCHLORIDE, (E)-
CHLORPROTIXEN see: XO1050000
CHLORPROTIXENE see: XO1050000
CHLORPROTIXINE see: XO1050000
6-CHLORPURINE see: UO7520000
(3-CHLOR-PYRIDAZINYL-(6)-THIO)-ESSIGSAEUREDIAETHYLAMID (German) see: AB5836500
CHLORPYR 'OS see: TF6300000
CHLORPYRIFOS (DOT) see: TF6300000
CHLORPYRIFOS-ETHYL see: TF6300000
CHLORPYRIFOS-METHYL see: TG0700000
CHLOR-PZ see: SN8925000
CHLORQUIN see: VB2360000
CHLORSAURE (German) see: FO0525000
2-(4''-CHLOR-4'-STILBYL)-NAFTOTRIAZOL-6,2',2''-TRISULFONAN SODNY (Czech) see: WJ6600000
CHLORSUCCINYLCHOLIN (German) see: GA2360000
CHLORSULFON see: YS6640000
CHLORSULFONAMIDODIHYDROBENZOTHIADIAZINE DIOXIDE see: DK9100000
CHLORSULPHACIDE see: WQ2975000
CHLORSUPERLUTIN see: TU3801000
CHLORTALIDONE see: DB1556000
CHLORTEN see: KJ2975000
CHLORTETRACYCLINE see: QI7750000
CHLORTETRACYCLINE, 6-DEMETHYL- see: QI7650000
CHLORTETRACYCLINE HYDROCHLORIDE see: QI7800000
CHLORTHAL-DIMETHYL see: WZ1500000
CHLORTHALIDON see: DB1556000
CHLORTHALIDONE see: DB1556000
CHLORTHAL-METHYL see: WZ1500000
CHLORTHALONIL (German) see: NT2600000
CHLORTHAMID see: CV3850000
CHLORTHIAMIDE see: CV3850000
CHLORTHIAZIDE see: DK9450000
1-(3-CHLORO-o-TOLYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1784000
1-(5-CHLORO-o-TOLYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1784100
CHLORTHIEPIN see: RR9275000
CHLORTHIOAMIDE see: CV3850000
p-CHLORTHIOFENOL (Czech) see: DC1050000
CHLORTHION see: TE8050000
CHLORTHION see: TE7875000
CHLORTHION METHYL see: TE8050000
CHLORTHIOPHOS see: TF1590000
CHLORTIAMID see: CV3850000
CHLORTHION (Czech) see: TE8050000
alpha-CHLORTOLUOL (German) see: XS8925000
N'-(4-CHLOR-o-TOLYL)-N,N-DIMETHYLFORMAMIDIN (German) see: LQ4375000
CHLORTOX see: PB9800000
CHLORTRIANISEN see: KV0630000
CHLORTRIFLUORAETHYLEN (German) see: KV0525000
CHLOR-TRIMETON see: US6475000
CHLOR-TRIMETON see: VB2450000
CHLOR-TRIMETON MALEATE see: US6475000
CHLOR-TRIPOLON see: US6475000
CHLORURE ANTIMONIEUX (French) see: CC4900000
CHLORURE ARSENIEUX (French) see: CG1750000
CHLORURE D'ALUMINIUM (French) see: BD0525000
CHLORURE D'ARSENIC (French) see: CG1750000
CHLORURE DE BENZENYLE (French) see: XT9275000
CHLORURE DE BENZYLE (French) see: XS8925000
CHLORURE DE BENZYLIDENE (French) see: CZ5075000
CHLORURE DE BORE (French) see: BD1925000
CHLORURE DE BUTYLE (French) see: EJ6300000
CHLORURE DE CHLORACETYLE (French) see: AO6475000
CHLORURE DE CHROMYLE (French) see: GB5775000
CHLORURE DE CYANOGENE (French) see: GT2275000
CHLORURE DE DICHLORACETYLE (French) see: AO6650000
CHLORURE DE FUMARYLE (French) see: LT2800000
CHLORURE DE LITHIUM (French) see: OJ5V50000
CHLORURE de MAGNESIUM HYDRATE (French) see: OM2975000
CHLORURE DE METHALLYLE (French) see: UC8050000
CHLORURE de N-METHYLCORAMINE (French) see: UU3874650
CHLORURE DE METHYLE (French) see: PA6300000
CHLORURE DE METHYLENE (French) see: PA8050000
CHLORURE D'ETHYLE (French) see: KH7525000
CHLORURE D'ETHYLENE (French) see: KI0525000
CHLORURE D'ETHYLIDENE (French) see: KI0175000
CHLORURE DE VINYLE (French) see: KU9625000
CHLORURE DE VINYLIDENE (French) see: KV9275000
CHLORURE DE ZINC (French) see: ZM1400000
CHLORURE de L'ETHYLAL TRIMETHYLAMMONIUM PROPANEDIOL (French) see: BR7874000
CHLORURE MERCUREUX (French) see: OV8750000
CHLORURE MERCURIQUE (French) see: OV9100000
CHLORURE PERRIQUE (French) see: LJ9100000
CHLORURE de SUCCINILCOLINE (French) see: GA2360000
CHLORURIT see: DK9450000
CHLORVINPHOS see: TC0350000
CHLORWASSERSTOFF (German) see: MW4025000
CHLORXYLAM see: PB8575000
CHLORYL see: KH7525000
CHLORYL ANESTHETIC see: KH7525000
CHLORYLEA see: KX4550000
CHLORYLEN see: KX4550000
CHLORYL RADICAL see: FC3000000
CHLORZIDE see: DK9100J00
CHLORZOXAZONE see: DM5250000
CHLOTHIXEN see: XO1050000
CHLOTRIDE see: DK9450000
CHLOTRIMAZOLE see: NI4377000
CHLROSAL see: DK9450000
CHLZ see: LZ5758000
CHOB-I-GUT see: GN1775000
CHOCOLA A see: VH6750000

FZ1305000 CHOCOLATE BROWN FB
UPDT-8305 CAS: 1223-60-3
SYN: 11660 BROWN * C.I. FOOD BROWN 2

TOXICITY DATA AND REFERENCES:

*	ipr-rat LDLo:250 mg/kg	FCTXAV 5,159,67
*	ipr-mus LD50:210 mg/kg	FCTXAV 5,159,67

CHOCOLATE BROWN HT see: QK1575000
CHOLAIC ACID see: WX0350000
CHOLALIN see: FZ9350000
5-beta-CHOLANIC ACID, 3-alpha-HYDROXY- see: FZ2275000

FZ1980000 5-beta-CHOLAN-24-OIC ACID, 3-alpha,7-alpha-DIHYDROXY-
UPDT-8408 CAS: 474-25-9 MW: 392.66 MOLFM: C24-H40-O4
SYN: ANTHROPODEOXYCHOLIC ACID * ANTHROPODESOXYCHOLIC ACID * ANTHROPODODESOXYCHOLIC ACID * CDC * CDCA * CHENDAL * CHENDOL * CHENIC ACID * CHENODEOXYCHOLIC ACID * CHENODESOXYCHOLSAEURE (German) * CHENODIOL * CHOLAN-24-OIC ACID, 3,7-DIHYDROXY-, (3-alpha,5-beta,7-alpha)-(9CI) * 3-alpha,7-alpha-DIHYDROXY-5-beta-CHOLAN-24-OIC ACID * GALLODESOXYCHOLIC ACID

MUTATION DATA AND REFERENCES:

	sln-smc 100 mg/L	CRNGDP 5,447,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-rat TDLo:1890 mg/kg (30D pre)	OYYAA2 15,961,78
1T35	orl-rat TDLo:100 mg/kg (1D male)	NTIS** PB81-127581
1T02	orl-rat TDLo:1820 mg/kg (91D male)	OYYAA2 15,975,78
1T51	orl-rat TDLo:1785 mg/kg (4-20D preg)	AIPTAK 246,149,80
3T725T586	orl-rat TDLo:550 mg/kg (7-17D preg)	OYYAA2 16,51,78
1T46	orl-rat TDLo:1375 mg/kg (7-17D preg)	OYYAA2 16,51,78
1T81	orl-rat TDLo:3480 mg/kg (15-22D preg/21D post)	NTIS** PB81-127581
1T51	orl-mky TDLo:14820 mg/kg (31W pre/1-24W preg)	ANSUA5 184,490,76
3T551T2T53	orl-mky TDLo:1500 mg/kg (21-45D preg)	LANCAO 2,1021,73
1T86	orl-mky TDLo:1500 mg/kg (21-45D preg)	TXCYAC 2,239,74
3T725T2674G	orl-rbt TDLo:260 mg/kg (6-18D preg)	OYYAA2 16,33,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:4000 mg/kg	IYKEDH 13,1128,82
1K30	ipr-rat LD50:105 mg/kg	OYYAA2 15,915,78
3F07F12F19	ivn-rat LD50:86 mg/kg	OYYAA2 15,915,78
*	orl-mus LD50:3000 mg/kg	IYKEDH 13,1128,82
*	ipr-mus LD50:48500 ug/kg	IYKEDH 13,1128,82
3F07F12F19	ivn-mus LD50:112 mg/kg	OYYAA2 15,915,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ2000000 5-beta-CHOLAN-24-OIC ACID, 3-alpha,7-beta-DIHYDROXY-
UPDT-8407 CAS: 128-13-2 MW: 392.66 MOLFM: C24-H40-O4
SYN: CHOLAN-24-OIC ACID, 3,7-DIHYDROXY-, (3-alpha,5-beta,7-beta)-(9CI) * CHOLIT-URSAN * DELURSAN * DESTOLIT * DEURSIL * 3-alpha,7-beta-DIHYDROXYCHOLANIC ACID * 3,7-DIHYDROXYCHOLAN-24-OIC ACID * 3-alpha,7-beta-DIHYDROXY-5-beta-CHOLANOIC ACID * 3-alpha,7-beta-DIHYDROXY-6-beta-CHOLAN-24-OIC ACID * 3-alpha,7-alpha-DIHYDROXYCHOLANSAEURE (German) * 3-alpha,7-beta-DIOXYCHOLANIC ACID * 17-beta-(1-METHYL-3-CARBOXYPROPYL)ETIOCHOLANE-3-alpha,7-beta-DIOL * UDCA * URSACOL * URSO * URSOCHOL * URSODEOXYCHOL * URSODEOXYCHOLIC ACID * URSODESOXYCHOLIC ACID * URSOFALK * URSOLVAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T26T34	orl-rat TDLo:11900 mg/kg (4-20D preg)	AIPTAK 246,149,80
1T51	orl-rat TDLo:2975 mg/kg (4-20D preg)	AIPTAK 246,149,80
2T71T72	orl-rat TDLo:11 gm/kg (7-17D preg)	OYYAA2 15,931,78
1T46	orl-rat TDLo:22 gm/kg (9W male/2W pre/1-7D preg)	OYYAA2 15,923,78
1T73	orl-rbt TDLo:130 mg/kg (6-18D preg)	OYYAA2 15,1133,78
1T86	orl-rbt TDLo:65 mg/kg (6-18D preg)	OYYAA2 15,1133,78

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:890 mg/kg	NIIRDN 6,95,82
*	ivn-rat LD50:310 mg/kg	NIIRDN 6,95,82
	ipr-mus LD50:100 mg/kg	ARZNAD 20,323,70
*	ivn-mus LD50:240 mg/kg	NIIRDN 6,95,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHOLAN-24-OIC ACID, 3,7-DIHYDROXY-, (3-alpha,5-beta,7-alpha)-(9CI) see: FZ1980000
CHOLAN-24-OIC ACID, 3,7-DIHYDROXY-, (3-alpha,5-beta,7-beta)-(9CI) see: FZ2000000
CHOLAN-24-OIC ACID, 3,12-DIHYDROXY-, (3-alpha,5-beta,12-alpha)-(9CI) see: FZ2100000

FZ2100000 5-beta-CHOLAN-24-OIC ACID, 3-alpha,12-alpha-DIHYDROXY-
UPDT-8408 CAS: 83-44-3 MW: 392.66 MOLFM: C24-H40-O4

BEST COPY AVAILABLE

SYN: CHOLAN-24-OIC ACID, 3,12-DIHYDROXY-, (3-alpha,5-beta,12-alpha)- (9CI) * CHOLEIC ACID * CHOLEREBIC * CHOLIC ACID, DEOXY- * CHOLOREBIC * DEGALOL * DEOXYCHOLATIC ACID * DEOXYCHOLIC ACID * 7-alpha-DEOXYCHOLIC ACID * DESOXYCHOLIC ACID * DESOXYCHOLSAEURE (German) * 3,12-DIHYDROXYCHOLANIC ACID * 3-alpha,12-alpha-DIHYDROXYCHOLANIC ACID * 3-alpha,12-alpha-DIHYDROXY-5-beta-CHOLANOIC ACID * 3-alpha,12-alpha-DIHYDROXYCHOLANSAEURE (German) * DIROXOLAN * 17-beta-(1-METHYL-3-CARBOXYPROPYL)-ETIOCHOLANE-3-alpha,12-alpha-DIOL * PYROCHOL * SEPTOCHOL

MUTATION DATA AND REFERENCES:
- sln-smc 100 mg/L — CRNGDP 5,447,84
- otr-ham:emb 7250 ug/L — TOLED5 9,177,81

TUMORIGENIC DATA AND REFERENCES:
- 2V03R60 skn-mus TDLo:2700 mg/kg/10W-I — BJCAAI 10,363,56
- 2V03V10 scu-mus TDLo:1120 mg/kg/22W-I — NATUAS 145,627,40
- 2V03V10 scu-mus TD :1400 mg/kg/22W-I — PRLBA4 129,439,40

TOXICITY DATA AND REFERENCES:
- ipr-mus LD50:130 mg/kg — ARZNAD 20,323,70
- ivn-rbt LDLo:1000 mg/kg — ZGEMAZ 52,779,26

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ2160000 5-beta-CHOLAN-24-OIC ACID, 3-alpha,12-alpha-DIHYDROXY-, compd. with CHOLANTHRENE, 3-METHYL-
UPDT:8401 MW: 1838.93 MOLFM: C96-H160-O16, C21-H16
SYN: 20-METHYLCHOLANTHRENE-CHOLEIC ACID

MUTATION DATA AND REFERENCES:
- cyt-mus:fbr 1 mg/L — AJCAA7 39,149,40

TUMORIGENIC DATA AND REFERENCES:
- 3V03J60V10 scu-mus TDLo:600 mg/kg — JNCIAM 2,99,41

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ2220000 5-beta-CHOLAN-24-OIC ACID, 3-alpha-12-alpha-DIHYDROXY-, compound with DIBENZ(a,h)ANTHRACENE
UPDT:8401 MW: 1848.92 MOLFM: C96-H160-O16, C22-H14
SYN: 1,2,5,6-DIBENZANTHRACENE-CHOLEIC ACID

TUMORIGENIC DATA AND REFERENCES:
- 3V03J60V10 scu-mus TDLo:800 mg/kg/9W-I — JNCIAM 2,99,41

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHOLAN-24-OIC ACID, 3,12-DIHYDROXY-, MONOSODIUM SALT, (3-alpha,5-beta,12-alpha)- (9CI) see: FZ2250000

FZ2235000 CHOLAN-24-OIC ACID, 3,7-DIHYDROXY-12-OXO-, SODIUM SALT
UPDT:8305 MW: 429.61 MOLFM: C24-H38-O5-Na
SYN: DIHYDROXY-3,7 CETO-12 CHOLANATE de Na (French) * 3,7-DIHYDROXY-12-OXO-CHOLAN-24-OIC ACID SODIUM SALT * 215 GN

TOXICITY DATA AND REFERENCES:
- * ivn-mus LD50:1000 mg/kg — AIPTAK 90,18,52

FZ2235010 CHOLAN-24-OIC ACID, 3,12-DIHYDROXY-7-OXO-, SODIUM SALT
UPDT:8305 MW: 429.61 MOLFM: C24-H38-O5-Na
SYN: DIHYDROXY-3,12 CETO-7 CHOLANATE de Na (French) * 3,12-DIHYDROXY-7-OXO-CHOLAN-24-OIC ACID SODIUM SALT * 213 GN

TOXICITY DATA AND REFERENCES:
- * ivn-mus LD50:940 mg/kg — AIPTAK 90,18,52

FZ2235020 CHOLAN-24-OIC ACID, 7,12-DIHYDROXY-3-OXO-, SODIUM SALT
UPDT:8305 MW: 429.61 MOLFM: C24-H38-O5-Na
SYN: DIHYDROXY-7,12 CETO-3 CHOLANATE de Na (French) * 7,12-DIHYDROXY-3-OXO-CHOLAN-24-OIC ACID SODIUM SALT * 224 GN

TOXICITY DATA AND REFERENCES:
- * ivn-mus LD50:680 mg/kg — AIPTAK 90,18,52

FZ2249000 5-beta-CHOLAN-24-OIC ACID, 3-alpha,6-alpha-DIHYDROXY-, SODIUM SALT
UPDT:8405 MW: 414.62 MOLFM: C24-H39-O4-Na
SYN: 3-alpha,6-alpha-DIHYDROXY-5-beta-CHOLAN-24-OIC ACID SODIUM SALT * SALE SODICO del ACIDO YODESOSSICOLICO (Italian)

TOXICITY DATA AND REFERENCES:
- * ivn-mus LDLo:200 mg/kg — FRPSAX 6,346,51

FZ2250000 5-beta-CHOLAN-24-OIC ACID, 3-alpha,12-alpha-DIHYDROXY-, SODIUM SALT
UPDT:8405 CAS: 302-95-4 MW: 414.62 MOLFM: C24-H39-O4-Na
SYN: CHOLAN-24-OIC ACID, 3,12-DIHYDROXY-, MONOSODIUM SALT (3-alpha,5-beta,12-alpha)- (9CI) * DEOXYCHOLATE SODIUM * DEOXYCHOLIC ACID SODIUM SALT * DESOXYCHOLATE SODIUM * DIHYDROXY 3-12 CHOLANATE de Na (French) * 3,12-DIHYDROXY CHOLAN-24-OIC ACID MONOSODIUM SALT (3-alpha,5-beta,12-alpha) (9CI) * 3-alpha,12-alpha-DIHYDROXY-5-beta-CHOLAN-24-OIC ACID SODIUM SALT * NATRIUM-3-alpha,12-alpha-DIHYDROXYCHOLANAT (German) * Na-DESOXYCHOLAT (German) * SODIUM DEOXYCHOLATE * SODIUM DEOXYCHOLIC ACID * SODIUM DESOXYCHOLATE

MUTATION DATA AND REFERENCES:
- mma-esc 5 pph/3H — CSHSAZ 12,256,47
- cyt-asn 640 mg/L — MUREAV 93,101,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
- 1T03 ipr-rat TDLo:1400 mg/kg (28D male) — OYYAA2 3,45,69
- 1T12 ipr-rat TDLo:1400 mg/kg (28D pre) — OYYAA2 3,45,69

TOXICITY DATA AND REFERENCES:
- orl-rat LD50:1370 mg/kg — OYYAA2 3,45,69
- ipr-rat LD50:123 mg/kg — OYYAA2 3,45,69
- scu-rat LD50:2430 mg/kg — OYYAA2 3,45,69
- ivn-rat LD50:150 mg/kg — ARZNAD 20,323,70
- orl-mus LD50:1400 mg/kg — OYYAA2 3,45,69
- ipr-mus LD50:75 mg/kg — OYYAA2 3,45,69
- scu-mus LD50:615 mg/kg — OYYAA2 3,45,69
- * ivn-mus LD50:107 mg/kg — AIPTAK 90,18,52
- ivn-rbt LDLo:7500 ug/kg — ZGEMAZ 52,779,26

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHOLAN-24-OIC ACID, 3,12-DIOXO-, (5-beta)- (9CI) see: FZ2256000

FZ2256000 5-beta-CHOLAN-24-OIC ACID, 3,12-DIOXO-
UPDT:8312 CAS: 2958-05-6 MW: 388.60 MOLFM: C24-H36-O4
SYN: CHOLAN-24-OIC ACID, 3,12-DIOXO-, (5-beta)- (9CI) * DEHYDRODEOXYCHOLIC ACID * 3,12-DIOXO-5-beta-CHOLAN-24-OIC ACID

MUTATION DATA AND REFERENCES:
- mma-sat 250 ug/disc — CRNGDP 4,1179,83

FZ2257000 CHOLAN-24-OIC ACID, 3,7-DIOXO-12-HYDROXY-, SODIUM SALT
UPDT:8305 MW: 427.59 MOLFM: C24-H36-O5-Na
SYN: DICETO-3,7 HYDROXY-12 CHOLANATE de Na (French) * 3,7-DIOXO-12-HYDROXYCHOLAN-24-OIC ACID SODIUM SALT * 217 GN

TOXICITY DATA AND REFERENCES:
- * ivn-mus LD50:1880 mg/kg — AIPTAK 90,18,52

FZ2257010 CHOLAN-24-OIC ACID, 3,12-DIOXO-7-HYDROXY-, SODIUM SALT
UPDT:8305 MW: 427.59 MOLFM: C24-H36-O5-Na
SYN: DICETO-3,12 HYDROXY-7 CHOLANATE de Na (French) * 3,12-DIOXO-7-HYDROXYCHOLAN-24-OIC ACID SODIUM SALT * 226 GN

TOXICITY DATA AND REFERENCES:
- * ivn-mus LD50:1175 mg/kg — AIPTAK 90,18,52

FZ2257020 CHOLAN-24-OIC ACID, 7,12-DIOXO-3-HYDROXY-, SODIUM SALT
UPDT:8305 MW: 427.59 MOLFM: C24-H36-O5-Na
SYN: DICETO-7,12 HYDROXY-3 CHOLANATE de Na (French) * 7,12-DIOXO-3-HYDROXYCHOLAN-24-OIC ACID SODIUM SALT * 215 GN

TOXICITY DATA AND REFERENCES:
- * ivn-mus LD50:1440 mg/kg — AIPTAK 90,18,52

FZ2258000 5-beta-CHOLAN-24-OIC ACID, 3,6-DIOXO-, SODIUM SALT
UPDT:8405 MW: 410.58 MOLFM: C24-H35-O4-Na
SYN: 3,6-DIOXO-5-beta-CHOLAN-24-OIC ACID SODIUM SALT * SALE SODICO del ACIDO DEIDROIODESOSSICOLICO (Italian)

TOXICITY DATA AND REFERENCES:
- * ivn-mus LDLo:200 mg/kg — FRPSAX 6,346,51

CHOLAN-24-OIC ACID, 3-HYDROXY-, (3-alpha,5-beta)- (9CI) see: FZ2275000

FZ2275000 5-beta-CHOLAN-24-OIC ACID, 3-alpha-HYDROXY-
UPDT:8412 CAS: 434-13-9 MW: 376.64 MOLFM: C24-H40-O3
SYN: 5-beta-CHOLANIC ACID, 3-alpha-HYDROXY- * CHOLAN-24-OIC ACID, 3-HYDROXY-, (3-alpha,5-beta)- (9CI) * 3-alpha-HYDROXYCHOLANIC ACID * 3-alpha-HYDROXY-5-beta-CHOLANIC ACID * LITHOCHOLIC ACID * 17-beta-(1-METHYL-3-CARBOXYPROPYL)-ETHIOCHOLAN-3-alpha-OL * NCI-C03861

MUTATION DATA AND REFERENCES:
- sln-smc 100 mg/L — CRNGDP 5,447,84
- otr-rat:emb 8 ug/plate — JJATDK 1,190,81
- dnd-mus:lym 250 umol/L — CNREA8 40,2666,80
- dnd-mus:leu 2500 umol/L — CNREA8 42,2792,82
- otr-has:emb 5 ug/L — TOLED5 9,177,81

TOXICITY DATA AND REFERENCES:
- orl-mus LD50:3900 mg/kg — NCILB* NCI-E-C-72-3252

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-175,79)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CHOLAN-24-OIC ACID, 3-HYDROXY-, MONOSODIUM SALT, (3-alpha,5-beta)- (9CI) see: FZ2280000

FZ2280000 5-beta-CHOLAN-24-OIC ACID, 3-alpha-HYDROXY-, MONOSODIUM SALT
UPDT:8401 CAS: 13284-86-1 MW: 399.83 MOLFM: C24-H40-O3-Na
SYN: CHOLAN-24-OIC ACID, 3-HYDROXY-, MONOSODIUM SALT, (3-alpha,5-beta)- (9CI) * SODIUM LITHOCHOLATE

TUMORIGENIC DATA AND REFERENCES:
- 2V02K61 rec-mus TDLo:115 gm/kg/4BW-I — CNREA8 39,1521,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ2281100 CHOLAN-24-OIC ACID, 3-HYDROXY-12-OXO-, SODIUM SALT
UPDT:8305 MW: 413.61 MOLFM: C24-H38-O4-Na
SYN: 214 GN * HYDROXY-3 CETO-12 CHOLANATE de Na (French) * 3-HYDROXY-12-OXO-CHOLAN-24-OIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
- * ivn-mus LD50:265 mg/kg — AIPTAK 90,18,52

FZ2281200 CHOLAN-24-OIC ACID, 12-HYDROXY-3-OXO-, SODIUM SALT
UPDT:8305 MW: 413.61 MOLFM: C24-H38-O4-Na
SYN: 223 GN * HYDROXY-12 CETO-3 CHOLANATE de Na (French) * 12-HYDROXY-3-OXO-CHOLAN-24-OIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
- * ivn-mus LD50:215 mg/kg — AIPTAK 90,18,52

CHOLAN-24-OIC ACID, 3,7,12-TRIHYDROXY-, (3-alpha,5-beta,7-alpha,12-alpha)- (9CI) see: FZ9350000

CHOLAN-24-OIC ACID, 3,7,12-TRIHYDROXY-, MONOSODIUM SALT, (3-alpha,5-beta,7-alpha,12-alpha)- see: FZ9600000

5-beta-CHOLAN-24-OIC ACID, 3,7,12-TRIOXO-, MONOSODIUM SALT see: FZ2500000

CHOLAN-24-OIC ACID, 3,7,12-TRIOXO-, SODIUM SALT, (5-beta)- see: FZ2500000

FZ2500000 5-beta-CHOLAN-24-OIC ACID, 3,7,12-TRIOXO-, SODIUM SALT
UPDT:8405 CAS: 145-41-5 MW: 425.57 MOLFM: C24-H34-O5-Na
SYN: CHOLAN-24-OIC ACID, 3,7,12-TRIOXO-, SODIUM SALT, (5-beta)- * BILIRON * BILITON * CARACHOL * 5-beta-CHOLAN-24-OIC ACID, 3,7,12-TRIOXO-, MONOSODIUM SALT * DECHOLIN SODIUM * DECHOLIN SODIUM SALT * DEHYDROCHOLATE SODIUM * DEHYDROCHOLIC ACID, SODIUM SALT * DILABIL SODIUM * DYCHOLIUM * NATRIUMDEHYDROCHOLAT (German) * SODIUM DEHYDROCHOLATE * SODIUM 3,7,12-TRIKETOCHOLANATE * SODIUM 3,7,12-TRIOXO-5-beta-CHOLANATE * SODIUM 3,7,12-TRIOXO-5-beta-CHOLAN-24-OATE * SUPRACHOL * TRICETO 3,7-12 CHOLANATE de Na (French)

TOXICITY DATA AND REFERENCES:
- * orl-rat LD50:3755 mg/kg — GWXXBX #2630169
- ipr-rat LD50:1100 mg/kg — CHTPBA 5,188,70
- scu-rat LD50:2300 mg/kg — YOIZA3 25,70,74
- ivn-rat LD50:887 mg/kg — RPOBAR 2,280,70
- orl-mus LD50:2150 mg/kg — YOIZA3 25,70,74
- ipr-mus LD50:1480 mg/kg — RPOBAR 2,280,70
- scu-mus LD50:1350 mg/kg — YOIZA3 25,70,74
- ivn-mus LD50:1100 mg/kg — YOIZA3 25,70,74
- ivn-rbt LDLo:550 mg/kg — ZGEMAZ 52,779,26

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FZ2625000 CHOLANTHRENE
UPDT:8402 CAS: 479-23-2 MW: 254.34 MOLFM: C20-H14
SYN: BENZ(j)ACEANTHRYLENE * BENZ(j)ACEANTHRYLENE, 1,2-DIHYDRO- * 7,8-DIMETHYLENEBENZ(a)ANTHRACENE

MUTATION DATA AND REFERENCES:
- mma-sat 3 ug/plate — MUREAV 119,259,83

TUMORIGENIC DATA AND REFERENCES:
- 3V03R60V10 skn-mus TDLo:170 mg/kg/7W-I — PRLBA4 123,343,37
- 3V01J60V10 scu-mus TDLo:40 mg/kg — CNREA8 1,695,41
- 2V03V10 scu-mus TD :200 mg/kg — CNREA8 1,685,41

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; 85DHAX Pc,4,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ2700000 CHOLANTHRENE, 3-t-BUTYL-
UPDT:8401 CAS: 67195-50-0 MW: 310.46 MOLFM: C24-H22
SYN: t-20-BUTYLCHOLANTHRENE

TUMORIGENIC DATA AND REFERENCES:
- 2V03V10 scu-mus TDLo:600 mg/kg/39W-I — JNCIAM 2,99,41

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ2800000 CHOLANTHRENE, 6,12b-DIHYDRO-
UPDT:8401 MW: 256.36 MOLFM: C20-H16
SYN: meso-DIHYDROCHOLANTHRENE

TUMORIGENIC DATA AND REFERENCES:
- 3V03J60V10 scu-mus TDLo:40 mg/kg — CNREA8 1,695,41
- 2V03J60 scu-mus TD :100 mg/kg — CNREA8 1,685,41

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ2975000 CHOLANTHRENE, 11,12-DIHYDRO-11,12-EPOXY-3-METHYL-
UPDT:8401 CAS: 3416-21-5 MW: 284.37 MOLFM: C21-H16-O
SYN: 11,12-DIHYDRO-11,12-EPOXY-3-METHYLCHOLANTHRENE * 11,12-EPOXY-11,12-DIHYDRO-3-METHYLCHOLANTHRENE * 3-METHYLCHOLANTHRENE 11,12-OXIDE

MUTATION DATA AND REFERENCES:
- sit-dm:g-por 5 mmol/L — CNREA8 33,2354,73

BEST COPY AVAILABLE

sln-dmg par 5 mmol/L — CNREA8 33,2354,73
dnd-hmn:oth 10 umol/L — CNREA8 36,272,76
otr-mus:ath 750 ug/L — PNASA6 68,1098,71

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:40 mg/kg/6W-I — IJCNAW 2,505,67

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ3150000 CHOLANTHRENE, 6,12b-DIHYDRO-3-METHYL-
UPDT:8401 MW: 270.39 MOLFM: C21-H18
SYN: meso-DIHYDRO-3-METHYLCHOLANTHRENE

TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-mus TDLo:40 mg/kg — CNREA8 1,695,41
2V03V10 scu-mus TD :200 mg/kg — CNREA8 1,685,41

TOXICITY DATA AND REFERENCES:
scu-mus TDLo:200 mg/kg — CNREA8 1,695,41

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ3325000 CHOLANTHRENE, 11,12-DIHYDRO-3-METHYL-
UPDT:8401 CAS: 25486-92-4 MW: 270.39 MOLFM: C21-H18
SYN: 11,12-DIHYDRO-3-METHYLCHOLANTHRENE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — MUREAV 51,311,78

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:168 mg/kg/57W-I — JNCIAM 44,641,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ3400000 CHOLANTHRENE, 1,3-DIMETHYL-
UPDT:8405 CAS: 53041-61-2 MW: 282.40 MOLFM: C22-H18
SYN: 1,3-DIMETHYLCHOLANTHRENE * 15,20-DIMETHYLCHOLANTHRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:200 ug/kg — JNCIAM 2,99,41

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ3412000 CHOLANTHRENE, 3,6-DIMETHYL-
UPDT:8309
SYN: 3,6-DIMETHYLCHOLANTHRENE

MUTATION DATA AND REFERENCES:
msc-ham:lng 100 ug/L — PAACA3 24,94,83

FZ3429000 CHOLANTHRENE-2a,3-DIOL, 2a,3-DIHYDRO-3-METHYL-, (Z)-
UPDT:8303 CAS: 68688-84-6
SYN: BENZ(j)ACEANTHRYLENE-2a,3(3H)-DIOL, 1,2-DIHYDRO-3-METHYL-, (Z)- * cis-2-alpha,3-DIHYDRODIHYDROXY-3-METHYLCHOLANTHRENE

MUTATION DATA AND REFERENCES:
mma-sat 20 umol/L — BBRCA9 85,1568,78
otr-mus:fbr 1 mg/L — BBRCA9 85,1568,78
msc-ham:lng 1 mg/L — BBRCA9 85,1568,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

FZ3430000 CHOLANTHRENE-7,8-DIOL, 7,8-DIHYDRO-3-METHYL-, (E)-
UPDT:8307 MW: 302.39 MOLFM: C21-H18-O2
SYN: trans-7,8-DIHYDRO-7,8-DIHYDROXY-3-METHYLCHOLANTHRENE * trans-3-METHYL-7,8-DIHYDROCHOLANTHRENE-7,8-DIOL

MUTATION DATA AND REFERENCES:
mma-sat 10 umol/L — BBRCA9 85,1568,78
otr-mus:fbr 250 ug/L — BBRCA9 85,1568,78
sce-ham:ovr 500 ug/L — CALEDQ 7,45,79
msc-ham:lng 500 ug/L — BBRCA9 85,1568,78

FZ3470000 CHOLANTHRENE-11,12-DIOL, 11,12-DIHYDRO-3-METHYL-, (E)-
UPDT:8401 CAS: 3343-12-2 MW: 302.39 MOLFM: C21-H18-O2
SYN: trans-11,12-DIHYDRO-11,12-DIHYDROXY-3-METHYLCHOLANTHRENE * 11,12-DIHYDRO-3-METHYLCHOLANTHRENE-11,12-DIOL (E) * 11,12-DIHYDROXY-11,12-DIHYDRO-3-METHYLCHOLANTHRENE (E) * trans-3-METHYL-11,12-DIHYDROCHOLANTHRENE-11,12-DIOL * MC 11,12-DIHYDRODIOL (E) * 3-METHYLCHOLANTHRENE 11,12-DIHYDRODIOL (E)

MUTATION DATA AND REFERENCES:
mma-sat 20 umol/L — BBRCA9 85,1568,78
sce-ham:ovr 1 mg/L — CALEDQ 7,45,79
msc-ham:lng 1 mg/L — BBRCA9 85,1568,78

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:121 ug/kg — CNREA8 39,3549,79

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ3495000 CHOLANTHRENE-4,5-DIOL, 4,5-DIHYDRO-3-METHYL-, (E)-
UPDT:8303 CAS: 68688-85-7 MW: 302.39 MOLFM: C21-H18-O2
SYN: trans-4,5-DIHYDRO-4,5-DIHYDROXY-3-METHYLCHOLANTHRENE * trans-3-METHYL-4,5-DIHYDROCHOLANTHRENE-4,5-DIOL

MUTATION DATA AND REFERENCES:
mma-sat 10 umol/L — BBRCA9 85,1568,78
msc-ham:lng 1 mg/L — BBRCA9 85,1568,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

FZ3500000 1,2-CHOLANTHRENEDIOL, cis-3-METHYL-
UPDT:8401 CAS: 3342-99-2 MW: 300.37 MOLFM: C21-H16-O2
SYN: cis-1,2-DIHYDROXY-3-METHYLCHOLANTHRENE * cis-3-METHYLCHOLANTHRENE-1,2-DIOL

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:120 mg/kg/6W-I — IJCNAW 2,505,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ3614950 CHOLANTHRENE, 2-FLUORO-3-METHYL-
UPDT:8401 CAS: 73771-72-9 MW: 286.36 MOLFM: C21-H15-F
SYN: 2-FLUORO-3-METHYLCHOLANTHRENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:50 mg/kg — NATUAS 273,566,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ3615000 CHOLANTHRENE, 6-FLUORO-3-METHYL-
UPDT:8401 CAS: 73771-73-0 MW: 286.36 MOLFM: C21-H15-F
SYN: 6-FLUORO-3-METHYLCHOLANTHRENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:50 mg/kg — NATUAS 273,566,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ3615050 CHOLANTHRENE, 9-FLUORO-3-METHYL-
UPDT:8401 CAS: 73771-74-1 MW: 286.36 MOLFM: C21-H15-F
SYN: 9-FLUORO-3-METHYLCHOLANTHRENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:50 mg/kg — NATUAS 273,566,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ3620000 CHOLANTHRENE, 6,7,8,9,10,12b-HEXAHYDRO-3-METHYL-
UPDT:8401 CAS: 35281-27-7 MW: 274.40 MOLFM: C21-H22
SYN: 6,7,8,9,10,12b-HEXAHYDRO-3-METHYLCHOLANTHRENE * 1,2,6,7,8,9,10,12b-OCTAHYDRO-3-METHYLBENZ(j)ACEANTHRYLENE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — MUREAV 51,311,78

TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:140 mg/kg/50W-I — ZRRDBW 77,226,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ3624000 CHOLANTHRENE, 1-HYDROXY-3-METHYL-, ACETATE, meso-
UPDT:8309
SYN: meso-1-HYDROXY-3-METHYLCHOLANTHRENE ACETATE

MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate — PAACA3 24,93,83

FZ3630000 CHOLANTHRENE, 3-ISOPROPYL-
UPDT:8401 CAS: 63041-70-3 MW: 296.43 MOLFM: C23-H20
SYN: 20-ISOPROPYLCHOLANTHRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:80 mg/kg — JNCIAM 2,99,41

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ3675000 CHOLANTHRENE, 3-METHYL-
UPDT:8412 CAS: 56-49-5 MW: 268.37 MOLFM: C21-H16
SYN: BENZ(j)ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL- * MC * 3-MC * 20-MC * MCA * 3-MCA * METHYLCHOLANTHRENE * 3-METHYLCHOLANTHRENE * 20-METHYLCHOLANTHRENE * RCRA WASTE NUMBER U157

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate — ENMUDM 5(Suppl 1),3,83
mma-sat 10 ug/plate — PNASA6 72,5135,75
dns-sat 1 ug — ECEBDI 50,271,82
mma-esc 2040 mg/L/2H — GENTAE 39,141,56
dnr-esc 100 ug/plate — MUREAV 74,107,80
mrc-esc 4 ug/well — MUREAV 46,53,77
pic-esc 8 ug/plate — CSHCAL 4,1451,77
mma-ami 200 ug/L — MUREAV 74,113,80
mma-ami 20 ug/L — MUREAV 74,113,80
sln-dmg-par 10 mmol/L — EJGCA9 4,400,75
mma-nsc 250 ppm — ANYAA9 71,1072,58
dnd-sal-tes 5 ug/1H-C — BIJOAK 110,159,68
cyt-afs-oth 1 mg/L/48H — ENMUDM 4,181,82
otr-hmn:l,y 500 ug/L/2W — GANNA2 74,615,83
dns-hmn:fbr 1 mg/L — CNREA8 38,2091,78
dns-hmn:hla 100 nmol/L — CNREA8 38,2621,78
sce-hmn:fbr 1 mmol/L — MUREAV 112,47,83
msc-hmn:oth 100 nmol/L — CRNGDP 1,765,80
otr-rat-orl 200 mg/kg — CNREA8 40,1157,80
otr-rat-emb 1 ug/L — JTEHD6 4,79,78
dnd-rat-ipr 20 mg/kg — CNREA8 36,4647,76
dnd-rat-lvr 5 mmol/L — JNCIAM 52,785,74
dnd-rat-orl 100 nmol/kg — CBINAB 33,301,81
dns-rat-lvr 100 nmol/L — CBINAB 25,303,79
ems-rat-oth 4 mg/L — CNREA8 29,318,69
pic-rat-emb 100 ug/L — CSHCAL 4,1521,77
cyt-rat-ivn 50 mg/kg — GANNA2 64,637,73
cyt-rat-orl 720 mg/kg — BLOOAW 23,564,64
sce-rat-itr 400 ug/kg — NTIS** AD-A132-942
sce-rat-ast 1 mmol/L — MUREAV 122,47,83
sce-rat-oth 1 mmol/L — MUREAV 112,47,83
sce-rat-lvr 1 umol/L — MUREAV 111,419,83
sce-rat-lng 1 mg/L — NTIS** AD-A132-942
msc-rat-emb 1 ug/L — JTEHD6 4,79,78
mnt-mus-ipr 60 mg/kg — MUREAV 43,255,77
mma-mus-lym 5 mg/L — ENMUDM 4,109,82
otr-mus:oth 1 mg/L — IJCNAW 4,166,69
otr-mus:fbr 500 ug/L — AETODY 1,133,80
otr-mus:emb 3700 nmol/L — ENMUDM 6,81,84
otr-mus:lym 50 ug/L — MUREAV 88,317,81
dnd-mus:lvr 6 umol/L — JJINDB 62,947,79
dnd-mus:emb 440 nmol/L — IJCNAW 4,813,69
dnd-mus-ipr 500 mg/kg — CBINAB 23,345,78
dnd-mus-unk 1 umol/L — FEBLAL 82,278,77
dnd-mus-ivn 1200 nmol/kg — CNREA8 39,2600,79
dnd-mus-skn 192 umol/kg — CRNGDP 5,231,84
dni-mus-ipr 20 gm/kg — ARGEAR 51,605,81
dni-mus-ipr 100 mg/kg — MUREAV 46,305,77
cyt-mus-scu 20 mg/kg — IJCAAR 14,18,77
cyt-mus-skn 2500 ppm — NULSAE 7,71,64
cyt-mus-orl 50 mg/kg — JJINDB 71,133,83
sce-mus-lng 25 mg/kg — PSEBAA 158,269,78
msc-mus-emb 5 mg/L — ENMUDM 4,332,82
msc-mus-lym 500 ug/L — MUREAV 125,291,84
spm-mus-ipr 50 mg/kg/5D — PNASA6 72,4625,75
mnt-ham-ipr 60 mg/kg — MUREAV 43,255,77
mma-ham-lng 81600 nmol/L — MUREAV 46,27,77
otr-ham-ipr 1 gm/kg — ARPAAQ 95,380,73
otr-ham-emb 500 ug/L — CALEDQ 3,45,77
otr-ham-fbr 5 mg/L/3D — JNCIAM 59,155,77
otr-ham-kdy 80 ug/L — BJCAAI 37,873,78
otr-ham-par 1 mg/L — PNASA6 56,672,66
dnd-ham-lng 100 umol/L/2H — BBRCA9 72,737,76
dnd-ham-fbr 240 ug/L — BIJOAK 135,375,73
dns-ham-emb 10 mg/L/18H — CBINAB 13,105,76
cyt-ham-emb 10 mg/L — CNREA8 31,1118,71
cyt-ham-lng 300 ug/L — PNASA6 56,672,66
sce-ham-ipr 25 mg/kg — PSEBAA 158,269,78
sce-ham-lng 10 ug/L — PAACA3 21,118,80
sce-ham-ovr 10 umol/L — MUREAV 118,103,83
sce-ham-fbr 1 mmol/L — MUREAV 122,47,83
msc-ham-lng 250 ug/L — MUREAV 136,65,84
msc-ham-fbr 1 mg/L — DTESD7 8,121,80
msc-ham-ovr 750 ug/L — ENMUDM 6,290,84
otr-gpg-oth 20 ug/L — CNREA8 35,1035,75
dnd-man-lym 30 umol/L — CBINAB 47,87,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 ipr-rat TDLo:64 mg/kg (9-21D preg) — BCPCA6 26,567,77
1T39 ipr-rat TDLo:50 mg/kg (19-20D preg) — TXAPA9 73,457,84
1T75 orl-mus TDLo:63 mg/kg (15-17D preg) — TXAPA9 72,417,84
1T81 orl-mus TDLo:189 mg/kg (15-17D preg) — TXAPA9 72,417,84
1T35 ipr-mus TDLo:60 mg/kg (1D preg) — JNCIAM 8,79,47
2T25T46 ipr-mus TDLo:70 mg/kg (7D preg) — TJADAB 16,147,77
1T22 ipr-mus TDLo:80 mg/kg (1D preg) — BJEPA3 39,133,58

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

1T11 ipr-mus TDLo:25 mg/kg (1D pre) NTIS** CONF-771017
1T83 ipr-mus TDLo:10 mg/kg (18D preg) TXCYAC 24,251,83
1T22 scu-mus TDLo:20 mg/kg (1D preg) BJEPAS 39,133,58
TUMORIGENIC DATA AND REFERENCES:
3V01165P62 orl-rat TDLo:600 mg/kg (60D pre) CNREAB 12,296,52
3V01165R60 orl-rat TDLo:600 mg/kg (MGN) CNREAB 12,296,52
2V03R60 orl-rat TDLo:200 mg/kg JNCIAM 48,185,72
3V03R60V10 skn-rat TDLo:70 mg/kg/25W-I PRLBA4 123,343,37
2V02V10 scu-rat TDLo:18 mg/kg PSEBAA 129,509,68
2V03J60 ivn-rat TDLo:5 mg/kg AIHAAP 38,336,69
3V03A60V10 ice-rat TDLo:22 mg/kg CNREAB 29,1927,69
3V03K60V10 par-rat TDLo:6 mg/kg JNCIAM 12,1019,52
2V02J60 itr-rat TDLo:40 mg/kg JNCIAM 49,541,72
2V03J60 imp-rat TDLo:250 ug/kg AIHAAP 30,236,69
3V01T65J60 orl-mus TDLo:21 mg/kg (15-17D preg) TXAPA9 72,427,84
2V01P62 orl-mus TDLo:336 mg/kg JNCIAM 47,645,71
2V01T65 skn-mus TDLo:120 mg/kg (MGN) BEXBAN 75,677,71
2V01R60 skn-mus TDLo:76800 ug/kg (MGN) BEXBAN 71,677,71
3V02R60V10 skn-mus TDLo:43 mg/kg/18W-I CNREA8 33,832,73
3V02T65J60 ipr-mus TDLo:150 mg/kg (17D preg) RCOCB8 30,431,80
2V02J60 ipr-mus TDLo:10 mg/kg ARTOEH (Suppl 4),74,80
3V01J60V10 scu-mus TDLo:40 mg/kg CNREA8 1,695,41
2V01J60 ivn-mus TDLo:4 mg/kg AJCAA7 35,538,39
2V03V10 ims-mus TDLo:2400 ug/kg CNREA8 42,3486,82
3V03J60V10 ipl-mus TDLo:120 mg/kg BAFEAG 27,706,38
3V01J60P62 itr-mus TDLo:4 mg/kg AJCAA7 35,538,39
2V01M60 imp-mus TDLo:80 mg/kg BJCAAI 17,127,63
3V01T64T69 icv-mus TDLo:46 mg/kg AMPLAO 60,451,55
3V03T61V10 itt-mus TDLo:40 mg/kg BAFEAG 27,706,38
3V03J60M61 irn-mus TDLo:32 mg/kg CNREA8 22,1177,62
3V03U30V10 par-dog TDLo:1235 mg/kg/52W-I JJIND8 65,921,80
2V03L60 imp-dog TDLo:20 mg/kg CANCAR 14,1127,61
3V03L60J51 imp-cat TDLo:25 mg/kg CANCAR 8,689,55
2V03J60 ipl-rbt TDLo:100 mg/kg/9W-I GANNA2 59,497,68
2V03J60 itr-rbt TDLo:800 mg/kg/12W-I CNREA8 32,1209,72
2V03L60 ipr-gpg TDLo:8 mg/kg BJCAAI 27,445,73
3V01J60V10 scu-gpg TDLo:20 mg/kg/15D-I CNREA8 22,1155,62
3V03J60V10 ivn-gpg TDLo:20 mg/kg JNCIAM 13,705,52
3V01N60R60 orl-ham TDLo:1632 mg/kg/17W-I PEXTAR 24,408,79
2V03R60 skn-ham TDLo:7700 mg/kg/40W-I CNREA8 20,100,60
2V03V10 scu-ham TDLo:4000 ug/kg CNREA8 32,360,72
3V03L60L15 imp-ham TDLo:48 mg/kg CNREA8 19,93,59
2V02V10 ipr-ckn TDLo:36 mg/kg/6W-I GROWAM 27,199,63
2V02V10 ims-ckn TDLo:50 mg/kg/2W-I BJCAAI 41,130,80
2V01J60 itr-dck TDLo:27 mg/kg CNREA8 21,571,61
3V02P61V10 imp-mus TD :2800 ug/kg AJPAA4 16,287,40
2V02V10 scu-mus TD :312 ug/kg JNCIAM 3,503,43
2V02J60 ipr-mus TD :20 mg/kg TXAPA9 72,313,84
2V01V10 scu-mus TD :80 mg/kg IJCNAW 27,501,81
3V02J60V10 scu-mus TD :400 ug/kg JJIND8 62,353,79
2V03R60 skn-mus TD :180 mg/kg 15W-I JJIND8 71,1053,83
2V02J60 orl-mus TD :20 mg/kg TXAPA9 72,313,84
2V03V10 ims-mus TD :20 mg/kg CNREA8 43,4315,83
2V02R60 orl-rat TD :1680 mg/kg/28W-I 138YAH -,305,62
2V02V10 scu-mus TD :120 mg/kg/6W-I IJCNAW 2,505,67
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:100 mg/kg TXAPA9 23,288,72
irn-frg LDLo:11 mg/kg CNREA8 24,1969,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75; AEHLAU 23,6,71; TXAPA9 41,157,77; MUREAV 39,257,77; PEXTAR 5,157,64; CNREA8 17,432,57; BLTSBY 24,129,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ3850000 CHOLANTHRENE, 4-METHYL-
UPDT:8401 CAS: 17012-89-4 MW: 268.37 MOLFM: C21-H16
SYN: BENZ(j)ACEANTHRYLENE, 1,2-DIHYDRO-4-METHYL- (9CI) * 22-METHYLCHOLANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V01J60V10 scu-mus TDLo:40 mg/kg CNREA8 1,695,41
2V01V10 scu-mus TD :80 mg/kg CNREA8 1,685,41
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ4025000 CHOLANTHRENE, 5-METHYL-
UPDT:8401 CAS: 63041-78-1 MW: 268.37 MOLFM: C21-H16
SYN: 5-METHYLCHOLANTHRENE
MUTATION DATA AND REFERENCES:
dnd-mus-oth 400 nmol/kg CNREA8 42,1239,82
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-mus TDLo:40 mg/kg CNREA8 1,695,41
2V03V10 scu-mus TD :80 mg/kg CNREA8 1,685,41
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ4037000 CHOLANTHRENE, 3-METHYL-, EPOXIDE
UPDT:8401 CAS: 12758-74-6 MW: 282.35 MOLFM: C21-H14-O
SYN: BENZ(j)ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-, MONOEPOXIDE (9CI) * MCA EPOXIDE * 3-METHYLCHOLANTHRENE EPOXIDE
MUTATION DATA AND REFERENCES:
otr-ham-emb 3500 ug/L CNREA8 32,1391,72

FZ4040000 CHOLANTHRENE, 3-METHYL-11,12-EPOXY-
UPDT:8401 CAS: 67195-51-1 MW: 282.35 MOLFM: C21-H14-O
SYN: 11,12-EPOXY-3-METHYLCHOLANTHRENE * MCA 11,12 EPOXIDE * MCA 11,12 OXIDE * 3-METHYLCHOLANTHRENE-11,12-EPOXIDE
MUTATION DATA AND REFERENCES:
pic-ami 23400 nmol/L NNBYA7 234,186,71
otr-mus-fbr 750 ug/L CNREA8 32,716,72
msc-ham-lng 5 mmol/L PNASA6 68,3195,71
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:226 ug/kg JNCIAM 58,1051,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ4050000 CHOLANTHRENE, 3-METHYL-, compd. with 1,3,5-TRINITROBENZENE (1:1)
UPDT:8401 CAS: 63040-09-5
SYN: 20-METHYLCHOLANTHRENE TRINITROBENZENE
TUMORIGENIC DATA AND REFERENCES:
1V02 scu-mus TDLo:60 mg/kg XPHPAW 149,319,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ4065000 CHOLANTHRENE-1,9,10-TRIOL, 9,10-DIHYDRO-3-METHYL-, (E)-
UPDT:8401 MW: 318.39 MOLFM: C21-H18-O3
SYN: 9,10-DIHYDRO-3-METHYLCHOLANTHRENE-1,9,10-TRIOL * 1-HYDROXY-MC 9,10-DIHYDRODIOL (E) * 1-HYDROXY-3-METHYLCHOLANTHRENE 9,10-DIHYDRODIOL (E)
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:127 ug/kg CNREA8 39,3549,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ4100000 1-CHOLANTHRENOL, 3-METHYL-
UPDT:8401 CAS: 3342-98-1 MW: 284.37 MOLFM: C21-H16-O
SYN: 1-HYDROXY-3-METHYLCHOLANTHRENE * 15-HYDROXY-20-METHYLCHOLANTHRENE * 3-METHYLCHOLANTHREN-1-OL
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate CNREA8 38,3398,78
TUMORIGENIC DATA AND REFERENCES:
3V01R60T63 skn-mus TDLo:91 mg/kg/20W-I CBINA8 22,69,78
2V02V10 scu-mus TDLo:120 mg/kg/6W-I IJCNAW 2,505,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ4200000 CHOLANTHREN-2-OL, 3-METHYL-
UPDT:8401 CAS: 3308-64-3 MW: 284.37 MOLFM: C21-H16-O
SYN: 2-HYDROXY-3-METHYLCHOLANTHRENE * 3-METHYLCHOLANTHREN-2-OL
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate CNREA8 38,3398,78
mma-ham-lng 15 nmol/plate CNREA8 38,3398,78
TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 skn-mus TDLo:91 mg/kg/20W-I CBINA8 22,69,78
2V02V10 scu-mus TDLo:120 mg/kg/6W-I IJCNAW 2,505,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ4375000 CHOLANTHREN-1-ONE, 3-METHYL-
UPDT:8401 CAS: 3343-07-5 MW: 282.35 MOLFM: C21-H14-O
SYN: 15-KETO-20-METHYLCHOLANTHRENE * 3-METHYLCHOLANTHREN-1-ONE * 20-METHYLCHOLANTHREN-15-ONE
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate CNREA8 38,3398,78
mma-ham-lng 15 nmol/plate CNREA8 38,3398,78
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:340 mg/kg/42W-I PRLBA4 129,439,40
2V02V10 scu-mus TDLo:120 mg/kg/6W-I IJCNAW 2,505,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ4550000 2-CHOLANTHRENONE, 3-METHYL-
UPDT:8401 CAS: 3343-08-6 MW: 282.35 MOLFM: C21-H14-O
SYN: 3-METHYLCHOLANTHRENE-2-ONE * 3-METHYLCHOLANTHREN-2-ONE
MUTATION DATA AND REFERENCES:
mma-sat 20 nmol/plate CNREA8 38,3398,78
mma-ham-lng 15 nmol/plate CNREA8 38,3398,78
TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 skn-mus TDLo:90 mg/kg/20W-I CBINA8 22,69,78
2V02V10 scu-mus TDLo:120 mg/kg/6W-I IJCNAW 2,505,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHOLEBRINE see: UE6050000
CHOLEBRINE METHYLGLUCAMINE SALT see: UE6100000
CHOLECALCIFEROL see: VS2900000
CHOLECALCIFEROL, D3 see: VS2900000

FZ4645000 CHOLECALCIFEROL, 1α,25-DIHYDROXY-
UPDT:8411 CAS: 32222-06-3 MW: 416.71 MOLFM: C27-H44-O3
SYN: CALCITRIOL * 1α,25-DIHYDROXYCHOLECALCIFEROL * 1-alpha,25-DIHYDROXYCHOLECALCIFEROL * 1,25-DIHYDROXYCHOLECALCIFEROL * DIHYDROXYVITAMIN D3 * 1-alpha,25-DIHYDROXYVITAMIN D3 * Ro 215535 * ROCALTROL * (5Z,7E)-9,10-SECOCHESTA-5,7,10(19)-TRIENE-1-alpha,3-beta,25-TRIOL * 9,10-SECOCHOLESTA-5,7,10(19)-TRIENE-1,3,25-TRIOL, (1-alpha,3-beta,5Z,7E)- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:55 ug/kg (7-17D preg) YACHDS 11,4221,83
3T34T46T48 scu-rat TDLo:15 ug/kg (16-21D preg) ACATA5 111,343,81
1T81 scu-rat TDLo:15 ug/kg (16-21D preg) ACATA5 111,343,81
1T46 par-rat TDLo:15 ug/kg (16-21D preg) ANREAK 199,116A,81
2T25T75 orl-rbt TDLo:3600 ng/kg (7-18D preg) TXAPA9 45,242,75
1T75 ipl-rbt TDLo:3600 ng/kg (7-18D preg) TXAPA9 45,42,78
1T46 orl-rbt TDLo:104 ng/kg (6-18D preg) YACHDS 11,4239,83
1T25 orl-rbt TDLo:520 ng/kg (6-18D preg) YACHDS 11,4239,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ4650000 CHOLECALCIFEROL, alpha-HYDROXY-
UPDT:8406 CAS: 57651-82-8 MW: 400.71 MOLFM: C27-H44-O2
SYN: ALFACALCIDOL * 1-alpha-DIHYDROXYVITAMIN D3 * alpha-HCC * HYDROXYCHOLECALCIFEROL * 1-HYDROXYCHOLECALCIFEROL * 1-alpha-HYDROXYCHOLECALCIFEROL * 1-alpha-HYDROXYVITAMIN D3 * 1-alpha-OH-CC * 1-alpha-OH-D(sub 3) * 1-alpha-OH VITAMIN D3 * 9,10-SECOCHOLESTA-5,7,10(19)-TRIENE-1-alpha,3-beta-DIOL * VITAMIN D(sub 3)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:18700 ng/kg (26W male) IYKEDH 8,589,77
1T12 orl-rat TDLo:91 ug/kg (26W pre) IYKEDH 8,589,77
1T02 orl-rat TDLo:4300 ng/kg (45D male) OYYAA2 15,653,78
2T25T26 orl-rbt TDLo:1040 ug/kg (6-18D preg) IYKEDH 8,615,77
1T46 orl-rbt TDLo:260 ug/kg (6-18D preg) IYKEDH 8,615,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:340 ug/kg TXAPA9 36,323,76
* scu-rat LD50:40 ug/kg IYKEDH 12,668,81
* ivn-rat LD50:101 ug/kg IYKEDH 12,668,81
orl-mus LD50:440 ug/kg TXAPA9 36,323,76
* scu-mus LD50:58 ug/kg IYKEDH 12,668,81
ivn-mus LD50:56 ug/kg TXAPA9 36,323,76
3D17F19UG1 orl-dog LD50:500 ug/kg IYKEDH 9,103,78
3D17F19U01 ivn-dog LD50:200 ug/kg IYKEDH 9,103,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHOLEDYL see: GA7420000
CHOLEGYL see: GA7420000
CHOLEIC ACID see: FZ2100000

FZ5075000 5-beta-CHOL-8(14)-EN-24-OIC ACID, 3-alpha,12-alpha-DIHYDROXY-
UPDT:8401 CAS: 641-81-6 MW: 390.62 MOLFM: C24-H38-O4
SYN: APOCHOLIC ACID * CHOL-8(14)-EN-24-OIC ACID, 3,12-DIHYDROXY-, (3-alpha,5-beta,12-alpha)- (9CI) * 3-alpha,12-alpha-DIHYDROXY-5-beta-CHOL-8(14)-EN-24-OIC ACID
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:200 mg/kg/13W-I NATUAS 190,1007,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHOL-8(14)-EN-24-OIC ACID, 3,12-DIHYDROXY-, (3-alpha,5-beta,12-alpha)- (9CI) see: FZ5075000

BEST COPY AVAILABLE

CHOLEPULVIS see: SM8400000
CHOLERA ENDOTOXIN see: JZ2750000
CHOLERA ENTERO-EXOTOXIN see: KA7330000
CHOLERA ENTEROTOXIN see: KA7330000
CHOLERA EXOTOXIN see: LF3100000
CHOLERAGEN see: KA7330000
CHOLEREBIC see: FZ2100000

FZ5650000 CHOLESTA-5,7-DIEN-3-beta-OL
UPDT:8401 CAS: 434-16-2 MW: 384.71 MOLFM: C27-H44-O
SYN: CHOLESTA-5,7-DIEN-3-OL (3-beta)- (9CI) * 5,7-CHOLESTADIEN-3-beta-OL * delta(sup 7)-CHOLESTEROL * delta(sup 5,7)-CHOLESTEROL * CHOLESTEROL, 7-DEHYDRO- * DEHYDROCHOLESTERIN (German) * 7-DEHYDROCHOLESTERIN * DEHYDROCHOLESTEROL * 7-DEHYDROCHOLESTEROL * 7,8 DIDEHYDROCHOLESTEROL * PROVITAMIN D(sub 3)
TUMORIGENIC DATA AND REFERENCES:
3V03L60V10 scu-mus TDLo:800 mg/kg/4W-I NATWAY 60,525,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHOLESTA-5,7-DIEN-3-OL, (3-beta)- (9CI) see: FZ5650000
5,7-CHOLESTADIEN-3-beta-OL see: FZ5650000

FZ5680000 CHOLESTA-5,7-DIEN-3-OL, ACETATE, (3-beta)
UPDT:8401 CAS: 1059-86-5 MW: 426.75 MOLFM: C29-H46-O2
SYN: CHOLESTA-5,7-DIEN-3-beta-OL ACETATE (8CI) * 7-DEHYDROCHOLESTEROL ACETATE * 7-DEHYDROCHOLESTERYL ACETATE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:200 mg/kg/90D-I NATUAS 209,1026,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHOLESTA-5,7-DIEN-3-beta-OL, ACETATE (8CI) see: FZ5680000
3-beta-CHOLESTANOL see: FZ6350000

FZ6350000 5-beta-CHOLESTAN-3-beta-OL
UPDT:8401 CAS: 360-68-9 MW: 388.75 MOLFM: C27-H48-O
SYN: CHOLESTAN-3-OL (3-beta,5-beta)- (9CI) * 3-beta-CHOLESTANOL * COPROSTANOL * COPROSTAN-3-beta-OL * COPROSTEROL * DIHYDROCHOLESTEROL * 3-beta-HYDROXYCHOLESTANE * KOPROSTERIN (German) * STERCORIN * ZYMOSTANOL
TUMORIGENIC DATA AND REFERENCES:
3V02L60V10 scu-mus TDLo:800 mg/kg/4W-I NATVAY 60,525,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHOLESTAN-3-OL (3-beta,5-beta)- (9CI) see: FZ6350000

FZ6360000 5-alpha-CHOLESTAN-3-beta-OL, 5,6-alpha-EPOXY-
UPDT:8401 CAS: 1250-95-9 MW: 402.73 MOLFM: C27-H46-O2
SYN: CHOLESTAN-3-OL, 5,6-EPOXY-, (3-beta,5-alpha,6-alpha)- * CHOLESTEROL alpha-EPOXIDE * CHOLESTEROL 5-alpha,6-alpha-EPOXIDE * CHOLESTEROL OXIDE * CHOLESTEROL alpha-OXIDE * 5-alpha,6-alpha-EPOXYCHOLESTANOL * EPOXYCHOLESTEROL
MUTATION DATA AND REFERENCES:
dns-hmn:fbr 10 mg/L/4H AJEBAK 56,287,78
cyt-hmn:fbr 500 ug/L/4H AJEBAK 56,287,78
otr-ham:emb 625 ug/L CALEDQ 6,143,79
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-mus TDLo:600 mg/kg/72W-I JNCIAM 19,977,57
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHOLESTAN-3-OL, 5,6-EPOXY-, (3-beta,5-alpha,6-alpha)- see: FZ6360000
CHOLEST-5-EN-3-OL (3-beta)- (9CI) see: FZ8400000
CHOLEST-7-EN-3-OL, (3-beta,5-alpha)- (9CI) see: FZ7000000
CHOLEST-5-EN-3-beta-OL see: FZ8400000
5-CHOLESTEN-3-beta-OL see: FZ8400000
delta(sup 5)-CHOLESTEN-3-beta-OL see: FZ8400000
delta(sup 7)-CHOLESTENOL see: FZ7000000

FZ7000000 5-alpha-CHOLEST-7-EN-3-beta-OL
UPDT:8401 CAS: 80-99-9 MW: 386.73 MOLFM: C27-H46-O
SYN: CHOLEST-7-EN-3-OL (3-beta,5-alpha)- (9CI) * delta(sup 7)-CHOLESTENOL * 7-CHOLESTEN-3-beta-OL * CHOLESTERIN (German) * LATHOSTEROL
TUMORIGENIC DATA AND REFERENCES:
3V03L60P60 scu-mus TDLo:800 mg/kg/4W-I NATWAY 60,525,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
5,6-CHOLESTEN-3-OL see: FZ8400000
5,6-CHOLESTEN-3-beta-OL see: FZ8400000
7-CHOLESTEN-3-beta-OL see: FZ7000000
CHOLEST-5-EN-3-OL, (3-beta)-, 4-(BIS(2-CHLOROETHYL)AMINO)BENZENEACETATE see: AF5457000
5-CHOLESTEN-3-beta-OL 3-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETATE see: AF5457000

FZ7400000 CHOLEST-5-EN-3-beta-OL, 24-beta-ETHYL-, SULFATE SALT (1:1)
UPDT:8302 MW: 511.86 MOLFM: C29-H50-O-H-O4-S
SYN: 24-beta-ETHYLCHOLEST-5-EN-3-beta-OL SULFATE * beta-SITOSTERYL SULFATE * beta-SITOSTERYL SULPHATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ivg-rbt TDLo:333 ug/kg (1D pre) JRPFA4 66,109,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ7525000 CHOLEST-6-EN-3-beta-OL-5-alpha-HYDROPEROXIDE
UPDT:8401 CAS: 3328-25-4 MW: 418.73 MOLFM: C27-H46-O3
SYN: delta(sup 6)-CHOLESTEN-3-beta-OL-5-alpha-HYDROPEROXIDE * delta(sup 6)-CHOLESTEN-3-beta-OL-5-alpha-HYDROPEROXYD (German) * CHOLESTEROL-5-HYDROPEROXIDE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ipr-mus TDLo:200 mg/kg STRAAA 124,626,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
delta(sup 6)-CHOLESTEN-3-beta-OL-5-alpha-HYDROPEROXIDE see: FZ7525000
delta(sup 6)-CHOLESTEN-3-beta-OL-5-alpha-HYDROPEROXYD (German) see: FZ7525000
CHOLESTENONE see: FZ7875000

FZ7875000 CHOLEST-5-EN-3-ONE
UPDT:8401 CAS: 601-54-7 MW: 384.71 MOLFM: C27-H44-O
SYN: CHOLESTENONE * delta(sup 5)-CHOLESTENONE * 5-CHOLESTEN-3-ONE * CHOLESTERONE
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-mus TDLo:760 mg/kg/16W CNREAB 6,403,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
delta(sup 5)-CHOLESTENONE see: FZ7875000
5-CHOLESTEN-3-ONE see: FZ7875000
CHOLEST-7-EN-6-ONE, 2,3,14,20,22,25-HEXAHYDROXY-, (2-beta,3-beta,5-beta,22R)- (9CI) see: FZ8060000

FZ8060000 5-beta-CHOLEST-7-EN-6-ONE, 2-beta,3-beta,14,20,22,25-HEXAHYDROXY-, (22R)-
UPDT:8305 CAS: 5289-74-7 MW: 480.71 MOLFM: C27-H44-O7
SYN: CHOLEST-7-EN-6-ONE, 2,3,14,20,22,25-HEXAHYDROXY-, (2-beta,3-beta,5-beta,22R)- (9CI) * COMMISTERONE * CRUSTECDYSON * CRUSTECDYSONE * beta-ECDYSONE * ECDYSTERON * ECDYSTERONE * beta-ECDYSTERONE * 2-beta,3-beta,14,20,22,25-HEXAHYDROXY-5-beta-CHOLET-7-EN-6-ONE * 20-HYDROXYECDYSONE * ISOINOKOSTERONE * POLYPODINE A * THE-7 * VITICOSTERONE
MUTATION DATA AND REFERENCES:
cyt-dmg-par 300 umol/L NNBYA7 230,222,71
cyt-stw-par 100 umol/L ENZYAS 41,183,71
cyt-oin:oth 10400 nmol/L CNJGA8 24,27,82
dnd-mus:lvr 100 nmol/L ENZYAS 41,183,71
dnd-mam:lvr 1 mmol/L ENZYAS 41,183,71
dnd-mam:lym 100 nmol/L ENZYAS 41,183,71

FZ8100000 CHOLEST-4-EN-3-ONE, 6-beta-HYDROPEROXY-
UPDT:8401 CAS: 2207-76-5 MW: 416.71 MOLFM: C27-H44-O3
SYN: 6-HYDROPEROXY-4-CHOLESTEN-3-ONE * 6-beta-HYDROPEROXYCHOLEST-4-EN-3-ONE * 6-beta-HYDROPEROXY-delta(sup 4)-CHOLESTEN-3-ONE
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-mus TDLo:600 mg/kg/72W-I JNCIAM 19,977,57
2V03V10 scu-mus TD :600 mg/kg/W-I JCSOA9 77,3928,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FZ8150000 CHOLEST-4-EN-3-ONE, 6-HYDROXY-
UPDT:8401 MW: 400.71 MOLFM: C27-H44-O2
SYN: 6-HYDROXYCHOLEST-4-EN-3-ONE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:600 mg/kg/72W-I JNCIAM 19,977,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHOLEST-5-EN-7-ONE, 3-beta-HYDROXY- (8CI) see: FZ8708000
CHOLEST-5-EN-7-ONE, 3-HYDROXY-, (3-beta)- (9CI) see: FZ8708000
CHOLESTERIN see: FZ8400000
CHOLESTERIN (German) see: FZ7000000
CHOLESTERINE see: FZ8400000

FZ8400000 CHOLESTEROL
UPDT:8412 CAS: 57-88-5 MW: 386.73 MOLFM: C27-H46-O
SYN: CHOLEST-5-EN-3-OL (3-beta)- (9CI) * CHOLEST-5-EN-3-beta-OL * delta(sup 5)-CHOLESTEN-3-beta-OL * 5-CHOLESTEN-3-beta-OL * 5,6-CHOLESTEN-3-beta-OL * CHOLESTERIN * CHOLESTERINE * CHOLESTEROL BASE H * CHOLESTRIN * CHOLESTROL * (-)-CHOLESTEROL * CHOLESTERYL ALCOHOL * CORDULAN * DUSOLINE * DUSORAN * DYTHOL * HYDROCERIN * 3-beta-HYDROXYCHOLEST-5-ENE * KATHRO * LANOL * NIMCO CHOLESTEROL BASE H * NIMCO CHOLESTEROL BASE No. 712 * PROVITAMIN D * SUPER HARTOLAN * TEGOLAN
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate FCTOD7 20,35,82
dnd-mus:oth 1 umol/L CJBIAE 62,94,84
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T43 scu-rat TDLo:175 mg/kg (8-14D preg) AOBIAR 12,1221,67
2T25T26 scu-rat TDLo:1900 mg/kg (1-19D preg) JDREAF 51,1421,72
2T31T71 orl-rbt TDLo:6 gm/kg (1-31D preg) JONUAI 102,1681,72
TUMORIGENIC DATA AND REFERENCES:
2V03V10 ipr-rat TDLo:800 mg/kg/4W-I EMSUAB 3,95,45
2V01V10 scu-mus TDLo:15 gm/kg/47W-I NATUAS 160,270,47
3V03M60V10 imp-mus TDLo:800 mg/kg SCIEAS 167,996,70
2V03P62 scu-mus TD :600 mg/kg/72W-I JNCIAM 19,977,57
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADVPA3 4,263,66; ADCSAJ 13,271,70
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 10,99,76
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 31,95,83
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 31,95,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
(-)-CHOLESTEROL see: FZ8400000
delta(sup 7)-CHOLESTEROL see: FZ5650000
delta(sup 5,7)-CHOLESTEROL see: FZ5650000
CHOLESTEROL BASE H see: FZ8400000
CHOLESTEROL, (p-(BIS(2-CHLOROETHYL)AMINO)PHENYL) ACETATE see: AF5457000
CHOLESTEROL, 7-DEHYDRO- see: FZ5650000
CHOLESTEROL-alpha-EPOXIDE see: FZ6360000
CHOLESTEROL 5-alpha,6-alpha-EPOXIDE see: FZ6360000
CHOLESTEROL-5-HYDROPEROXIDE see: FZ7525000

FZ8575000 CHOLESTEROL ISOHEPTYLATE
UPDT:8401 CAS: 63019-46-5 MW: 498.92 MOLFM: C34-H58-O2
SYN: CHOLESTEROL, 5-METHYL-1-HEXANOATE
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-mus TDLo:600 mg/kg/72W-I JNCIAM 19,977,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHOLESTEROL, 5-METHYL-1-HEXANOATE see: FZ8575000
CHOLESTEROL mixed with OROTIC ACID mixed with CHOLIC ACID (2:2:1) see: RM3201200
CHOLESTEROL OXIDE see: FZ6360000
CHOLESTEROL alpha-OXIDE see: FZ6360000

FZ8708000 CHOLESTEROL, 7-OXO-
UPDT:8401 CAS: 566-28-9 MW: 400.71 MOLFM: C27-H44-O2
SYN: CHOLEST-5-EN-7-ONE, 3-HYDROXY-, (3-beta)- (9CI) * CHOLEST-5-EN-7-ONE, 3-beta-HYDROXY- (8CI) * 7-KETOCHOLESTEROL * 7-OXOCHOLESTEROL * SC 4722
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:600 mg/kg/72W-I JNCIAM 19,977,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHOLESTERONE see: FZ7875000
CHOLESTERYL ALCOHOL see: FZ8400000
CHOLESTERYL p-BIS(2-CHLOROETHYL)AMINO PHENYLACETATE see: AF5457000
CHOLESTRIN see: FZ8400000
CHOLESTROL see: FZ8400000

FZ9310000 CHOLESTYRAMINE
UPDT:8411 CAS: 11041-12-6
SYN: CHOLESTYRAMINE CHLORIDE * CHOLESTYRAMINE RESIN * COLESTYRAMIN * CUEMID * QUANTALAN * QUESTRAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T73T86 orl-rat TDLo:6 gm/kg (17-22D preg) KSRNAM 16,2078,82
1T29 orl-rat TDLo:11 gm/kg (7-17D preg) KSRNAM 16,2050,82
1T46 orl-rat TDLo:5500 mg/kg (7-17D preg) KSRNAM 16,2050,82
1T34 orl-rat TDLo:42 gm/kg (9W male/2W pre/1-7D preg) KSRNAM 16,2040,82
2T24T46 orl-rbt TDLo:13 gm/kg (6-18D preg) KSRNAM 16,2070,82
TUMORIGENIC DATA AND REFERENCES:
2V01K61 orl-man TDLo:112 gm/kg/W-C NEJMAG 301,1007,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHOLESTYRAMINE CHLORIDE see: FZ9310000
CHOLESTYRAMINE RESIN see: FZ9310000
CHOLEXAMIN see: QT2065000
CHOLEXAMINE see: QT2065000

FZ9350000 CHOLIC ACID
UPDT:8408 CAS: 81-25-4 MW: 408.64 MOLFM: C24-H40-O5

BEST COPY AVAILABLE

SYN: CHOLALIN * CHOLAN-24-OIC ACID, 3,7,12-TRIHYDROXY-, (3-alpha,5-beta,7-alpha,12-alpha)- (9CI) * CHOLSAEURE (German) * COLALIN * 3-alpha,7-alpha,12-alpha-TRIHYDROXY-5-beta-CHOLAN-24-OIC ACID * 3,7,12-TRIHYDROXY-CHOLAN-24-OIC ACID (3-alpha,5-beta,7-alpha,12-alpha * 3-alpha,7-alpha,12-alpha-TRIHYDROXYCHOLANSAEURE (German)

MUTATION DATA AND REFERENCES:
sln-smc 400 mg/L — CRNGDP 5,447,84

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:330 mg/kg — ARZNAD 20,323,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FZ9370000 CHOLIC ACID, ALUMINUM SALT
UPDT:8405 MW: 434.61 MOLFM: C24-H39-O5 Al
SYN: ALUMINUM CHOLATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4000 mg/kg — JAPMA8 35,213,46

CHOLIC ACID mixed with CHOLESTEROL mixed with OROTIC ACID (1:2:2) see: RM3201200
CHOLIC ACID, DEOXY- see: FZ2100000
CHOLIC ACID, MONOSODIUM SALT see: FZ9600000

FZ9600000 CHOLIC ACID, SODIUM SALT
UPDT:8305 CAS: 361-09-1 MW: 430.62 MOLFM: C24-H39-O5 Na
SYN: CHOLAN-24-OIC ACID, 3,7,12-TRIHYDROXY-, MONOSODIUM SALT, (3-alpha,5-beta,7-alpha,12-alpha)- * CHOLIC ACID, MONOSODIUM SALT * DS-Na * SODIUM CHOLATE * SODIUM CHOLIC ACID * TRIHYDROXY 3-7-12 CHOLANATE de Na (French)

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:200 mg/kg — AIPTAK 90,18,52
ivn-rbt LDLo:25 mg/kg — ZGEMAZ 52,779,26

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CHOLIFLAVIN see: AR9660000
CHOLIMIL see: UE6050000
CHOLIMIL METHYLGLUCAMINE SALT see: UE6100000

FZ9625000 CHOLINE
UPDT:8405 CAS: 62-49-7 MW: 104.20 MOLFM: C5-H14-N-O
SYN: BILINEURINE * CHOLINE ION * ETHANAMINIUM, 2-HYDROXY-N,N,N-TRIMETHYL- (9CI) * (2-HYDROXYETHYL)TRIMETHYLAMMONIUM

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:400 mg/kg — TXAPA9 12,486,68
* orl-rat LD50:6640 mg/kg — TXAPA9 12,486,68
scu-cat LDLo:150 mg/kg — HBAMAK 4,1289,35
scu-rbt LDLo:800 mg/kg — CRSBAW 83,481,20
ivn-rbt LDLo:70 mg/kg — CRSBAW 83,481,20
rec-rbt LDLo:460 mg/kg — CRSBAW 83,481,20
scu-frg LDLo:1500 mg/kg — HBAMAK 4,1289,35

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CHOLINE ACETATE see: FZ9700000

FZ9700000 CHOLINE ACETATE (ESTER)
UPDT:8302 CAS: 51-84-3 MW: 146.24 MOLFM: C7-H16-N-O2
SYN: ACECOLINE * ACETYLCHOLINE * ACETYL CHOLINE ION * ACH * ARTEROCOLINE * CHOLINE ACETATE * CHOLINE, ACETYL- * ETHANAMINIUM, 2-(ACETYLOXY)-N,N,N-TRIMETHYL- (9CI) * OVISOT

TOXICITY DATA AND REFERENCES:
scu-rat LD50:250 mg/kg — 27ZIAQ -,29,73
ivn-rat LD50:22 mg/kg — JPETAB 58,337,36
orl-mus LD50:3000 mg/kg — JPETAB 58,337,36
* ipr-mus LD50:170 mg/kg — AIPTAK 192,88,71
scu-mus LD50:170 mg/kg — JPETAB 58,337,36
ivn-mus LD50:11 mg/kg — ATXKA8 29,39,72
ivn-rbt LD50:300 ug/kg — 27ZIAQ -,39,73

FZ9800000 CHOLINE ACETATE (ESTER), CHLORIDE
UPDT:8408 CAS: 60-31-1 MW: 181.69 MOLFM: C7-H16-N-O2 Cl
SYN: ACECHOLIN * ACECOLINE * 2-ACETOXYETHYLTRIMETHYLAMMONIUM CHLORIDE * ACETYLCHOLINE CHLORIDE * O-ACETYLCHOLINE CHLORIDE * ACETYLCHOLINE HYDROCHLORIDE * ACETYLCHOLINIUM CHLORIDE * 2-(ACETYLOXY)-N,N,N-TRIMETHYLETHANAMINIUM CHLORIDE * ACH CHLORIDE * ARTEROCOLINE * CHOLINE, CHLORIDE ACETATE * ETHANAMINIUM, 2-(ACETYLOXY)-N,N,N-TRIMETHYL-, CHLORIDE * (2-HYDROXYETHYL)TRIMETHYLAMMONIUM CHLORIDE ACETATE * MIOCHOL * OVISOT * TL 1505

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2500 mg/kg — JPETAB 58,337,36
scu-rat LD50:250 mg/kg — JPETAB 58,337,36
ivn-rat LD50:22 mg/kg — JPETAB 58,337,36
orl-mus LD50:3000 mg/kg — JPETAB 58,337,36
ipr-mus LD50:162 mg/kg — ATXKA8 29,39,72
scu-mus LD50:170 mg/kg — JPETAB 58,337,36
1J30 ivn-mus LD50:17 mg/kg — AIPTAK 176,443,68
par-frg LDLo:200 mg/kg — AEPPAE 166,437,32

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CHOLINE, ACETYL- see: FZ9700000
CHOLINE, ACETYL-beta-METHYL- see: BR5200000

FZ9875000 CHOLINE, BROMIDE, CARBAMATE
UPDT:8306 CAS: 28099-10-7 MW: 227.14 MOLFM: C6-H15-N2-O2 Br
SYN: CARBAMOYLCHOLINE BROMIDE * CARBAMOYLCHOLINE-BROMURE (French)

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:380 ug/kg — COREAF 251,3119,60

FZ9878000 CHOLINE, BROMIDE, ESTER with 3-MESITYL-4-ISOXAZOLECARBOXYLIC ACID
UPDT:8405 MW: 397.26 MOLFM: C18-H25-N2-O3 Br
SYN: 4-ISOXAZOLECARBOXYLIC ACID, 3-MESITYL-, ESTER with CHOLINE BROMIDE * 2-(3-(2,4,6-TRIMETHYLPHENYL)ISOXAZOL-4-YLCARBONYLOXY)-N,N,N-TRIMETHYLETHANAMINIUM BROMIDE

TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:35 mg/kg — FRPSAX 38,817,83

FZ9890000 CHOLINE, BROMIDE, ISOPROPYL p-NITROPHENYL PHOSPHATE
UPDT:8402 CAS: 3275-51-2 MW: 427.28 MOLFM: C14-H24-N2-O6-P Br
SYN: BROMURE de (p-NITROPHENYLISOPROPYL PHOSPHORYLCHOLINE (French) * ETHANAMINIUM, N,N,N-TRIMETHYL-2-(((1-METHYLETHOXY)(4-NITROPHENOXY)PHOSPHINYL)OXY)-, BROMIDE * 8203 HC * HC 8203

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:225 ug/kg — APFRAD 25,679,67

CHOLINE BROMOTHEOPHYLLINATE see: FZ9910000

FZ9910000 CHOLINE, compd. with 8-BROMOTHEOPHYLLINE (1:1)
UPDT:8405 MW: 362.29 MOLFM: C5-H14-N-O C7-H7-Br-N4-O2
SYN: BROMOTHEOPHYLLINE CHOLINATE * CHOLINE BROMOTHEOPHYLLINATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:850 mg/kg — JAPMA8 43,619,54

CHOLINE CARBAMATE CHLORIDE see: GA0875000
CHOLINE CHLORHYDRATE see: KH2975000
CHOLINE CHLORIDE see: KH2975000
CHOLINE, CHLORIDE ACETATE see: FZ9800000

GA0800000 CHOLINE, CHLORIDE, p-AMINOBENZOATE
UPDT:8303 MW: 258.78 MOLFM: C12-H19-N2-O2 Cl
SYN: p-AMINOBENZOYLCHOLINE CHLORIDE * BENZOIC ACID, p-AMINO ester with CHOLINE CHLORIDE

TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:1811 ug/kg — AIPTAK 176,443,68

GA0875000 CHOLINE, CHLORIDE, CARBAMATE
UPDT:8408 CAS: 51-83-2 MW: 182.68 MOLFM: C6-H15-N2-O2 Cl
SYN: 2-((AMINOCARBONYL)OXY)-N,N,N-TRIMETHYLETHANAMINIUM CHLORIDE * CARBACHOL * CARBACHOL CHLORIDE * CARBACHOLIN * CARBACHOLINE * CARBACHOLINE CHLORIDE * CARBACOLINA * CARBAMIC ACID, ESTER with CHOLINE CHLORIDE * CARBAMINOCHOLINE CHLORIDE * CARBAMINOYLCHOLINE CHLORIDE * CARBAMIOTIN * CARBAMOYLCHOLINE CHLORIDE * gamma-CARBAMOYL CHOLINE CHLORIDE * CARBAMOYLCHOLINE HYDROCHLORIDE * CARBAMYLCHOLINE CHLORIDE * CARBOCHOL * CARBOCHOLIN * CARBOCHOLINE * CARBYL * CARCHOLIN * CHOLINE CARBAMATE CHLORIDE * CHOLINE, CHLORIDE CARBAMATE(ESTER) * CHOLINE CHLORIDE, CARBAMOYL- * CHOLINE CHLORINE CARBAMATE * COLETYL * DORYL * DORYL (PHARMACEUTICAL) * ETHANAMINIUM, 2-(AMINOCARBONYL)OXY-N,N,N-TRIMETHYL-CHLORIDE * (2-HYDROXYETHYL)TRIMETHYL AMMONIUM CHLORIDE CARBAMATE * ISOPTO CARBACHOL * JESTRYL * LENTIN * LENTINE (French) * MIOSTAT * MISTURA C * MORYL * P.V. CARBACHOL * TL 457 * VASOPERIF

TOXICITY DATA AND REFERENCES:
3D17H05R20 ims-hmn TDLo:6 ug/kg — LGMDAU 36,-,33
orl-rat LD50:40 mg/kg — JPETAB 58,337,36
3A11E08F13 ipr-rat LD50:2 mg/kg — AIPTAK 149,560,64
scu-rat LD50:4 mg/kg — JPETAB 58,337,36
ivn-rat LD50:100 ug/kg — JPETAB 58,337,36
* orl-mus LD50:15 mg/kg — NIIRDN 6,182,82
ipr-mus LD50:370 ug/kg — ATXKA8 29,39,72
scu-mus LD50:3 mg/kg — JPETAB 58,337,36
ivn-mus LD50:300 ug/kg — JPETAB 58,337,36
orl-dog LDLo:3 mg/kg — AEPPAE 164,346,32
scu-dog LDLo:100 ug/kg — AEPPAE 164,346,32
scu-gpg LDLo:75 ug/kg — AEPPAE 164,346,32
ivn-gpg LDLo:45 ug/kg — AIPTAK 106,245,56
unk-frg LDLo:5 mg/kg — AEPPAE 164,346,32

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHOLINE, CHLORIDE CARBAMATE(ESTER) see: GA0875000
CHOLINE CHLORIDE, CARBAMOYL- see: GA0875000

GA1960000 CHOLINE, CHLORIDE, HEXAMETHYLENEDICARBAMATE (2:1)
UPDT:8306 MW: 447.52 MOLFM: C18-H40-N4-O4 2Cl
SYN: CARBOLONIUM DICHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:115 ug/kg — AIPTAK 98,161,54

GA2150000 CHOLINE, CHLORIDE, NICOTINATE
UPDT:8407 MW: 244.75 MOLFM: C11-H17-N2-O2 Cl
SYN: NICOTINIC ACID, ESTER with CHOLINE CHLORIDE * PYRIDINE-3-CARBOXYLIC ACID ESTER with CHOLINE CHLORIDE

TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:58 mg/kg — AIPTAK 176,443,68

GA2155000 CHOLINE, CHLORIDE, p-NITROBENZOATE
UPDT:8303 MW: 288.76 MOLFM: C12-H17-N2-O4 Cl
SYN: ETHANAMINIUM, N,N,N-TRIMETHYL-2-(((4-NITROBENZOYL)OXY)-, CHLORIDE (9CI) * p-NITROBENZOYLCHOLINE CHLORIDE

TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:90 mg/kg — AIPTAK 176,443,68

GA2360000 CHOLINE, CHLORIDE, SUCCINATE (2:1)
UPDT:8403 CAS: 71-27-2 MW: 361.36 MOLFM: C14-H30-N2-O4 2Cl
SYN: ANECTINE * ANECTINE CHLORIDE * BIS(2-DIMETHYLAMINOETHYL)SUCCINATE BIS(METHOCHLORIDE * BIS(SUCCINYLDICHLOROCHOLINE) * CHLORSUCCINYLCHOLIN (German) * CHLORURE de SUCCINILCOLINE (French) * CHOLINE SUCCINATE DICHLORIDE * CHOLINE, SUCCINYL-, DICHLORIDE * CLORURO di SUCCINILCOLINA (Italian) * DIACETYLCHOLINE CHLORIDE * DIACETYLCHOLINE DICHLORIDE * 2-DIMETHYLAMINOETHYL SUCCINATE DIMETHOCHLORIDE * DITILIN * DITILINE * ETHANAMINIUM, 2,2'-((1,4-DIOXO-1,4-BUTANEDIYL)BIS(OXY))BIS(N,N,N-TRIMETHYL-, DICHLORIDE * (2-HYDROXYETHYL)TRIMETHYLAMMONIUM CHLORIDE SUCCINATE * LISTENON * LYSTENON * LYSTHENON * LYSTHENONE * MIDARINE * MYOPLEGINE * PANTOLAX * QUELICIN * QUELICIN CHLORIDE * SCH CHLORIDE * SCOLINE * SCOLINE CHLORIDE * SKOLIN * SUCCICURAN * SUCCINIC ACID, BIS(beta-DIMETHYLAMINOETHYL) ESTER DIHYDROCHLORIDE * SUCCINIC ACID, BIS(beta-DIMETHYLAMINOETHYL)ESTER DIMETHOCHLORIDE * SUCCINIC ACID, DIESTER with CHOLINE CHLORIDE * SUCCINOYLCHOLINE CHLORIDE * SUCCINYL-ASTA * SUCCINYL BISCHOLINE CHLORIDE * SUCCINYLBISCHOLINE DICHLORIDE * SUCCINYLCHOLINE CHLORIDE * SUCCINYLCHOLINE DICHLORIDE * SUCCINYLCHOLINE HYDROCHLORIDE * SUCCINYLDICHOLINE CHLORIDE * SUCCINYLFORTE * SUCOSTRIN * SUCOSTRIN CHLORIDE * SURAMETHINIUM * SUXAMETHONIUM CHLORIDE * SUXAMETHONIUM CHLORIDE * SUXAMETHONIUM DICHLORIDE * SUXCERT * SUXETHONIUM CHLORIDE * SUXINYL * ULTRAPAL CHLORIDE

TOXICITY DATA AND REFERENCES:
2U10G04 ivn-man TDLo:7 mg/kg — AROTAA 96,464,72
* ipr-mus LD50:1250 ug/kg — NIIRDN 6,135,82
* ivn-mus LD50:430 ug/kg — NIIRDN 6,135,82
ivn-rbt LD50:240 ug/kg — IJNEAQ 5,305,66
* ivn-ckn LD50:300 ug/kg — AIPTAK 122,152,59

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHOLINE CHLORINE CARBAMATE see: GA0875000
CHOLINE CHLOROTHEOPHYLLINATE see: GA2580000

GA2580000 CHOLINE, compd. with 8-CHLOROTHEOPHYLLINE (1:1)
UPDT:8405 MW: 319.83 MOLFM: C5-H14-N-O C7-H7-Cl-N4-O2
SYN: CHLOROTHEOPHYLLINE CHOLINATE * CHOLINE CHLOROTHEOPHYLLINATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg — JAPMA8 43,619,54

CHOLINE CYTIDINE DIPHOSPHATE see: GA4027000
CHOLINE 5'-CYTIDINE DIPHOSPHATE see: GA4027000

GA2625000 CHOLINE, DIBUTYL-
UPDT:8405 CAS: 17895-84-0 MW: 188.38 MOLFM: C11-H26-N-O
SYN: 1-BUTANAMINIUM, N-BUTYL-N-(2-HYDROXYETHYL)-N-METHYL- (9CI) * N,N-DIBUTYLMETHYL CHOLINE

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:89 mg/kg — TXAPA9 12,486,68
* orl-rat LD50:7880 mg/kg — TXAPA9 12,486,68

CHOLINE DICHLORIDE see: BP5250000
CHOLINE HYDROCHLORIDE see: KH2975000

GA4026000 CHOLINE, HYDROXIDE, DIHYDROGEN PHOSPHATE, inner salt, 3-ESTER with 1-MONOPALMITIN
UPDT:8305 CAS: 14863-27-5 MW: 495.72 MOLFM: C24-H50-N-O7-P
SYN: alpha-(beta-PALMITOYL)-LYSOLECITHIN * 1-PALMITOYLLYSOLECITHIN * PALMITOYL LYSOPHOSPHATIDYL CHOLINE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:170 mg/kg — AIPTAK 123,472,60

GA4026200 CHOLINE HYDROXIDE, 3-(DODECYLOXY)PROPYL HYDROGEN PHOSPHATE, INNER SALT
UPDT:8312 CAS: 20545-96-4 MW: 409.62 MOLFM: C20-H44-N-O5-P
SYN: rac-1-DODECYL-2-HYDRIDE-DECYL-2-METHOXY-GLYCEROPHOSPHOCHOLINE

MUTATION DATA AND REFERENCES:
dni-rat:oth 20 mg/L — CNREA8 43,541,83

GA4027000 CHOLINE, HYDROXIDE, 5'-ESTER with CYTIDINE 5'-(TRIHYDROGEN PYROPHOSPHATE), inner salt
UPDT:8406 CAS: 987-78-0 MW: 488.38 MOLFM: C14-H26-N4-O11-P2

BEST COPY AVAILABLE

SYN: CDP-CHOLIN (German) * CDP-COLINA (Spanish) * CDP-CHOLINE * CEREB * CHOLINE CYTIDINE DIPHOSPHATE * CHOLINE 5'-CYTIDINE DIPHOSPHATE * CITICHOLINE * CITICOLINE * CITIDOLINE * COLITE * CITIDIN DIFOSFATO de COLINA (Spanish) * CYTIDINDIPHOSPHOCHOLIN (German) * CYTIDINE CHOLINE DIPHOSPHATE * CYTIDINE 5'-(CHOLINE DIPHOSPHATE) * CYTIDINE DIPHOSPHATE CHOLINE * CYTIDINE 5'-DIPHOSPHATE CHOLINE * CYTIDINE DIPHOSPHATE CHOLINE ESTER * CYTIDINE DIPHOSPHATE CHOLIN ESTER * CYTIDINE DIPHOSPHOCHOLINE * CYTIDINE 5'-DIPHOSPHOCHOLINE * CYTIDINE DIPHOSPHORYLCHOLINE * CYTIDOLINE * ENSIGN * NICHOLIN * NICOLIN * NITICOLIN * RECOFNAN * RECOGNAN * SOMAZINA * SUNCHOLIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03 ipr-rat TDLo:7500 mg/kg (30D male) OYYAA2 20,109,80
1T02 ipr-rat TDLo:60 gm/kg (30D male) OYYAA2 20,109,80

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:18 gm/kg NIIRDN 6,322,82
3F12F25J22 ipr-rat LD50:5344 mg/kg OYYAA2 20,109,80
3F12F25J22 scu-rat LD50:8218 mg/kg OYYAA2 20,109,80
3F12F25J22 ivn-rat LD50:2973 mg/kg OYYAA2 20,109,80
* ims-rat LD50:3750 mg/kg NIIRDN 6,322,82
* orl-mus LD50:12500 mg/kg NIIRDN 6,322,82
3F12F25J22 ipr-mus LD50:5393 mg/kg OYYAA2 20,109,80
* scu-mus LD50:5800 mg/kg NIIRDN 6,322,82
* ivn-mus LD50:4150 mg/kg NIIRDN 6,322,82
3F12F25J22 ims-mus LD50:4472 mg/kg OYYAA2 20,109,80
* ivn-rbt LD50:1950 mg/kg NIIRDN 6,322,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GA4028000 CHOLINE HYDROXIDE, 2-(HEXADECYLOXY or (OCTADECYLOXY))-1-METHYLETHYL HYDROGEN PHOSPHATE, INNER SALT

UPDT:8312
SYN: rac-1-HEXADECYL OCTADECYL-lyso-2-GLYCEROPHOSPHOCHOLINE

MUTATION DATA AND REFERENCES:

dns-rat:oth 5 mg/L CNREA8 43,541,83
dni-rat:oth 20 mg/L CNREA8 43,541,83

GA4028500 CHOLINE HYDROXIDE, 2-HYDROXY-3-(OCTADECYLOXY)PROPYL HYDROGEN PHOSPHATE, INNER SALT

UPDT:8312 CAS: 34240-68-1 MW: 509.80 MOLFM: C26-H56-N-O6-P
SYN: rac-1-OCTADECYL-lyso-GLYCEROPHOSPHOCHOLINE

MUTATION DATA AND REFERENCES:

dni-rat:oth 10 mg/L CNREA8 43,541,83

GA4029000 CHOLINE HYDROXIDE, 2-METHOXY-3-(OCTADECYLOXY)PROPYL HYDROGEN PHOSPHATE, INNER SALT

UPDT:8312 MW: 523.83 MOLFM: C27-H58-N-O6-P
SYN: rac-1-OCTADECYL-2-METHOXY-GLYCEROPHOSPHOCHOLINE

MUTATION DATA AND REFERENCES:

dni-rat:oth 10 mg/L CNREA8 43,541,83

GA4035000 CHOLINE HYDROXIDE, 3-(OCTADECYL)PROPYL HYDROGEN PHOSPHATE, INNER SALT

UPDT:8312 MW: 493.80 MOLFM: C26-H56-N-O5-P
SYN: rac-1-OCTADECYL-2-HYDRIDE GLYCEROPHOSPHOCHOLINE

MUTATION DATA AND REFERENCES:

dni-rat:oth 10 mg/L CNREA8 43,541,83

GA4050000 CHOLINE, HYDROXIDE, PHOSPHOROFLUORIDATE

UPDT:8306 MW: 306.37 MOLFM: C10-H29-F-N2-O5-P
SYN: DICHOLINE FLUOROPHOSPHATE * FLUOROPHOSPHATE de DICHOLINE (French) * F.P.D.C

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:15 mg/kg AIPTAK 94,483,53
* scu-gpg LD50:175 mg/kg AIPTAK 94,483,53

GA4210000 CHOLINE, IODIDE, ADIPOLYBIS(METHYLCARBAMATE) (2:1)

UPDT:8308 MW: 686.44 MOLFM: C20-H40-N4-O6 2I
SYN: 644 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:7500 ug/kg AIPTAK 98,161,54

GA4300000 CHOLINE, IODIDE, m-AMINOBENZOATE

UPDT:8303 MW: 350.23 MOLFM: C12-H19-N2-O2 I
SYN: m-AMINOBENZOYLCHOLINE IODIDE * BENZOIC ACID, m-AMINO ester with CHOLINE IODIDE

TOXICITY DATA AND REFERENCES:

1J30 ivn-mus LD50:26 mg/kg AIPTAK 176,443,68

GA4350000 CHOLINE, IODIDE, o-AMINOBENZOATE

UPDT:8303 MW: 350.23 MOLFM: C12-H19-N2-O2 I
SYN: o-AMINOBENZOYLCHOLINE IODIDE * BENZOIC ACID, o-AMINO ester with CHOLINE IODIDE

TOXICITY DATA AND REFERENCES:

1J30 ivn-mus LD50:27 mg/kg AIPTAK 176,443,68

GA4363000 CHOLINE, IODIDE, BENZYLIDENEDICARBAMATE (2:1)

UPDT:8308 MW: 636.37 MOLFM: C19-H34-N4-O4 2I
SYN: 631 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:4 mg/kg AIPTAK 98,161,54

GA4368000 CHOLINE, IODIDE, BICARBAMATE (2:1)

UPDT:8308 MW: 546.24 MOLFM: C12-H28-N4-O4 2I
SYN: 600 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:30 mg/kg AIPTAK 98,161,54

GA4400000 CHOLINE, IODIDE, CARBAMATE

UPDT:8306 MW: 274.13 MOLFM: C6-H15-N2-O2 I
SYN: CARBAMMOILCOLINA (Italian) * CCH * C.C.I.

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:2340 ug/kg FRPSAX 21,51,66
* ivn-mus LD50:30 mg/kg AIPTAK 98,161,54

GA4680000 CHOLINE, IODIDE, DECAMETHYLENEDICARBAMATE (2:1)

UPDT:8306 MW: 686.54 MOLFM: C22-H48-N4-O4 2I
SYN: 610 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:500 ug/kg AIPTAK 98,161,54

GA4730000 CHOLINE, IODIDE, ETHYLENEDICARBAMATE (2:1)

UPDT:8308 MW: 574.30 MOLFM: C14-H32-N4-O4 2I
SYN: 602 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:1e50 ug/kg AIPTAK 98,161,54

GA4735000 CHOLINE, IODIDE, ETHYLIDENEDICARBAMATE (2:1)

UPDT:8308 MW: 574.30 MOLFM: C14-H32-N4-O4 2I
SYN: 621 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:10 mg/kg AIPTAK 98,161,54

GA4760000 CHOLINE, IODIDE, HEPTAMETHYLENEDICARBAMATE (2:1)

UPDT:8308 MW: 644.45 MOLFM: C19-H42-N4-O4 2I
SYN: DI-(IODHYDRATE de CARBAMOYLCHOLINE 1.7 HEPTANE) (French) * 607 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:175 ug/kg AIPTAK 98,16*,54

GA4763000 CHOLINE, IODIDE, HEXAMETHYLENEDICARBAMATE (2:1)

UPDT:8308 CAS: 2001-72-1 MW: 630.42 MOLFM: C18-H40-N4-O4 2I
SYN: CARBOLONIUM DIIODIDE * DI(IODHYDRATE de CARBAMOYLCHOLINE 1.6 HEXANE) (French) * DI-IODURE D'HEXAMETHYLENE BIS-(CARBAMOYLCHOLINE) (French) * 606 HC * LBC 131 * SINREX * SYNREX

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:130 ug/kg AIPTAK 98,161,54

GA4770000 CHOLINE, IODIDE, ISONICOTINATE

UPDT:8307 MW: 338.22 MOLFM: C11-H19-N2-O2 I
SYN: ISONICOTINIC ACID ester with CHOLINE IODIDE * PYRIDINE 4-CARBOXYLIC ACID ESTER with CHOLINE IODIDE

TOXICITY DATA AND REFERENCES:

1J30 ivn-mus LD50:92 mg/kg AIPTAK 176,443,68

GA4790000 CHOLINE, IODIDE, METHYLENEDICARBAMATE (2:1)

UPDT:8308 MW: 560.27 MOLFM: C13-H30-N4-O4 2I
SYN: 601 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:1150 ug/kg AIPTAK 98,161,54

GA4850000 CHOLINE, IODIDE, m-NITROBENZOATE

UPDT:8303 CAS: 21106-20-7 MW: 380.21 MOLFM: C12-H17-N2-O4 I
SYN: ETHANAMINIUM, N,N,N-TRIMETHYL-2-((3-NITROBENZOYL)OXY)-, IODIDE (9CI) * m-NITROBENZOYLCHOLINE IODIDE

TOXICITY DATA AND REFERENCES:

1J30 ivn-mus LD50:102 mg/kg AIPTAK 176,443,68

GA4850010 CHOLINE, IODIDE, o-NITROBENZOATE

UPDT:8303 CAS: 21106-19-4 MW: 380.21 MOLFM: C12-H17-N2-O4 I
SYN: ETHANAMINIUM, N,N,N-TRIMETHYL-2-((2-NITROBENZOYL)OXY)-, IODIDE (9CI) * o-NITROBENZOYLCHOLINE IODIDE

TOXICITY DATA AND REFERENCES:

1J30 ivn-mus LD50:92 mg/kg AIPTAK 176,443,68

GA4860000 CHOLINE, IODIDE, OXALYLBIS(METHYLCARBAMATE) (2:1)

UPDT:8308 MW: 630.32 MOLFM: C16-H32-N4-O6 2I
SYN: 640 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:39 mg/kg AIPTAK 98,161,54

GA4868000 CHOLINE, IODIDE, PENTAMETHYLENEDICARBAMATE (2:1)

UPDT:8308 MW: 616.39 MOLFM: C17-H38-N4-O4 2I
SYN: 605 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:270 ug/kg AIPTAK 98,161,54

GA4870000 CHOLINE, IODIDE, 2-PHENYLBUTYRATE (ester)

UPDT:8303 MW: 377.30 MOLFM: C15-H24-N-O2 I
SYN: IODURE de N-(PHENYL-2-ETHYL-2-ACETYLCHOLINE) (French) * PEAC

TOXICITY DATA AND REFERENCES:

1E06 ivn-rat LD50:9 mg/kg CHTPBA 1(1),46,65

GA4880000 CHOLINE, IODIDE, PHTHALATE (2:1)

UPDT:8305 MW: 592.30 MOLFM: C18-H30-N2-O4 2I
SYN: AMMONIUM, (2-HYDROXYETHYL)TRIMETHYL-, IODIDE, PHTHALATE (2:1) * 330 I.S.

TOXICITY DATA AND REFERENCES:

1F12 ivn-mus LD50:26300 ug/kg AIPTAK 121,395,59

GA4890000 CHOLINE, IODIDE, PICOLINATE

UPDT:8307 MW: 336.20 MOLFM: C11-H17-N2-O2 I
SYN: CHOLINE IODIDE ester with PICOLINIC ACID * PICOLINIC ACID ESTER with CHOLINE IODIDE * PYRIDINE-2-CARBOXYLIC ACID ESTER with CHOLINE IODIDE

TOXICITY DATA AND REFERENCES:

1J30 ivn-mus LD50:109 mg/kg AIPTAK 176,443,68

CHOLINE IODIDE ester with PICOLINIC ACID see: GA4890000

GA5077000 CHOLINE, IODIDE, PROPYLENEDICARBAMATE (2:1)

UPDT:8306 MW: 588.33 MOLFM: C15-H34-N4-O4 2I
SYN: 623 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:7500 ug/kg AIPTAK 98,161,54

GA5120000 CHOLINE, IODIDE, PROPYLIDENEDICARBAMATE (2:1)

UPDT:8306 MW: 588.33 MOLFM: C15-H34-N4-O4 2I
SYN: 622 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:60 mg/kg AIPTAK 98,161,54

GA5200000 CHOLINE, IODIDE, SEBACOYLBIS(METHYLCARBAMATE) (2:1)

UPDT:8306 MW: 742.56 MOLFM: C24-H48-N4-O6 2I
SYN: 648 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:6 mg/kg AIPTAK 98,161,54

GA5250000 CHOLINE, IODIDE, SUCCINATE (2:1)

UPDT:8606 CAS: 541-19-5 MW: 517.92 MOLFM: C14-H30-N2-O4 2I
SYN: ASCURLON * BIS(beta-DIMETHYLAMINOETHYL)SUCCINATE BIS(METHYLIODIDE) * CELOCURIN * CELOCURINE * CHOLINE SUCCINYL-FOR IODIDE * CURACIT * DIACETYLCHOLINE DIIODIDE * DIACETYLCHOLINE IODIDE * DITILIN IODIDE * ETHANAMINIUM, 2,2'-((1,4-DIOXO-1,4-BUTANEDIYL)BIS(OXY))BIS(N,N,N-TRIMETHYL-, DIIODIDE (9CI) * SUCCINIC ACID BIS(beta-DIMETHYLAMINOETHYL) ESTER BISMETHIODIDE * SUCCINIC ACID DIESTER with CHOLINE IODIDE * SUCCINYLCHOLINE DIIODIDE * SUCCINYLCHOLINE IODIDE * SUCCINYLDICHOLINE DIIODIDE * SUCCINYLDICHOLINE IODIDE * O,O'-SUCCINYLDICHOLINE IODIDE * SURAMETHONIUM IODIDE

TOXICITY DATA AND REFERENCES:

ivn-mus LD50:550 ug/kg JPETAB 99,458,50
ivn-rbt LD50:15 mg/kg AIPTAK 88,1,51

GA5255000 CHOLINE, IODIDE, SUCCINYLBIS(METHYLCARBAMATE) (2:1)

UPDT:8306 MW: 658.38 MOLFM: C18-H36-N4-O6 2I
SYN: 642 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:8500 ug/kg AIPTAK 98,161,54

GA5280000 CHOLINE, IODIDE, TETRAMETHYLENEDICARBAMATE (2:1)

UPDT:8306 MW: 602.36 MOLFM: C16-H36-N4-O4 2I
SYN: 604 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:500 ug/kg AIPTAK 98,161,54

GA5283000 CHOLINE, IODIDE, TRIMETHYLENEDICARBAMATE (2:1)

UPDT:8306 MW: 588.33 MOLFM: C15-H34-N4-O4 2I
SYN: 603 HC

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:1200 ug/kg AIPTAK 98,161,54

CHOLINE ION see: FZ9625000

GA5960000 CHOLINE, inner salt, METHYLPHOSPHONOFLUORIDATE

UPDT:8303 MW: 184.20 MOLFM: C6-H16-F-N-O2-P
SYN: METHYL FLUORO-PHOSPHORYLCHOLINE

TOXICITY DATA AND REFERENCES:

2J25F12 ipr-mus LD50:100 ug/kg AIPTAK 115,474,58
2J25F12 ivn-rbt LD50:10 ug/kg AIPTAK 115,474,58

GA5965000 CHOLINE, MONOESTER with POTASSIUM XANTHATE

UPDT:8411 MW: 218.42 MOLFM: C6-H13-N-O-S2-K

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:500 mg/kg AIPTAK 127,128,60

CHOLINE 1,5-NAPHTHALENEDISULFONATE (2:1); DILACTATE, DIACETATE see: KH2570000

GA6475000 CHOLINE, SALICYLATE

UPDT:8403 CAS: 2016-36-6 MW: 241.32 MOLFM: C12-H19-N-O4
SYN: ACTASAL * ARBET * ARTHROPAN * ARTROBIONE * CHOLINE SALICYLATE B * CHOLINE SALICYLATE (SALT) (8CI) * CHOLINE SALICYLIC ACID SALT * ETHANAMINIUM, 2-HYDROXY-N,N,N-TRIMETHYL-, salt with 2-HYDROXYBENZOIC ACID (1:1) (9CI) * (2-HYDROXYETHYL)TRIMETHYLAMMONIUM SALICYLATE * 2-HYDROXY-N,N,N-TRIMETHYLETHANAMINIUM SALT with 2-HYDROXYBENZOIC ACID (1:1) * MUNDISAL * SALICOL * SALICYLIC ACID (ion(1-)), CHOLINE * SALICYLIC ACID CHOLINE SALT * SYRAP

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1530 mg/kg MEIEDD 10,313,83

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

*	orl-mus LD50:2690 mg/kg	NIIRDN 6,291,82
*	ipr-mus LD50:410 mg/kg	NIIRDN 6,291,82
*	scu-mus LD50:1 gm/kg	NIIRDN 6,291,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CHOLINE SALICYLATE B see: GA6475000
CHOLINE, SALICYLATE (SALT) (8CI) see: GA6475000
CHOLINE SALICYLIC ACID SALT see: GA6475000
CHOLINE SUCCINATE DICHLORIDE see: GA2360000
CHOLINE, SUCCINYL-, DICHLORIDE see: GA2360000
CHOLINE, SUCCINYL-FOR IODIDE see: GA5250000
CHOLINE THEOPHYLLINATE see: GA7420000

GA7420000 CHOLINE, compd. with THEOPHYLLINE (1:1)

UPDT:8405 CAS: 4499-40-5 MW: 283.38 MOLFM: C7-H7-N4-O2 . C5-H14-N-O
SYN: CHOLEDYL * CHOLEGYL * CHOLINE THEOPHYLLINATE * CHOLINE THEOPHYLLINE SALT * CHOLINOPHYLLINE * ETHANAMINIUM, 2-HYDROXY-N,N,N-TRIMETHYL-, SALT with 3,7-DIHYDRO-1,3-DIMETHYLPURINE 2,6-DIONE * FILORAL * (2-HYDROXYETHYL)TRIMETHYLAMMONIUM, compound with THEOPHYLLINE * OXTRIMETHYLINE * OXTRIPHYLLINE * SOLIPHYLLINE * TEOFILCOLINA * TEOKOLIN * THEOPHYLLINE CHOLINATE * THEOPHYLLINE SALT of CHOLINE * THEOXYLINE * THIOPHYLLINE CHOLINATE * THIOPHYLLINE, compd with CHOLINE

TOXICITY DATA AND REFERENCES:

2N24M16	orl-inf TDLo:113 mg/kg/31D	ADCHAK 53,757,78
3F11F13K13	orl-wmn TDLo:420 mg/kg	SMJOAV 71,965,78
*	orl-rat LD50:600 mg/kg	NIIRDN 6,278,82
*	ipr-rat LD50:185 mg/kg	NIIRDN 6,278,82
*	ims-rat LD50:240 mg/kg	NIIRDN 6,278,82
	orl-mus LD50:770 mg/kg	CLDND*
	ivn-mus LD50:112 mg/kg	CLDND*
	ims-mus LD50:360 mg/kg	CLDND*
	orl-gpg LD50:210 mg/kg	CLDND*
	ivn-gpg LD50:118 mg/kg	CLDND*
	ims-gpg LD50:185 mg/kg	CLDND*

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHOLINE THEOPHYLLINE SALT see: GA7420000
CHOLINIUM CHLORIDE see: KH2975000
CHOLINOPHYLLINE see: GA7420000
CHOLIT-URSAN see: FZ2000000
CHOLLY see: YM2800000
CHOLOGNOST see: ET6750000
CHOLOGRAFIN SODIUM see: DG0950000
CHOLOGRAF-N-METHYLGLUCAMINE see: LZ4297000
CHOLOREBIC see: FZ2100000
N-CHOLOYLTAURINE see: WX0350000
CHOLSAEURE (German) see: FZ9350000
CHOLUMBRIN see: SMB400000
CHOLYLTAURINE see: WX0350000

GA8410000 CHONDROITIN, HYDROGEN SULFATE, SODIUM SALT

UPDT:8408 CAS: 9082-07-9
SYN: CHONDROITIN POLYSULFATE SODIUM * CHONDRON * SODIUM CHONDROITIN POLYSULFATE * SODIUM CHONDROITIN SULFATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T46T72	orl-mus TDLo:1500 mg/kg (7-12D preg)	OYYAA2 6,589,72
1T76	orl-mus TDLo:6 gm/kg (7-12D preg)	OYYAA2 6,589,72
1T34	orl-mus TDLo:30 gm/kg (7-12D preg)	OYYAA2 6,589,72

TOXICITY DATA AND REFERENCES:

2F12F13	ipr-rat LD50:2900 mg/kg	OYYAA2 6,573,72
2F12F13	scu-rat LD50:3700 mg/kg	OYYAA2 6,573,72
3K06K08M30	ipr-mus LD50:9800 mg/kg	OYYAA2 6,573,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHONDROITIN POLYSULFATE SODIUM see: GA8410000
CHONDRON see: GA8410000
CHONDROSAMINE see: LW5498000
CHONDRUS see: FI0700000
CHONDRUS EXTRACT see: FI0700000

GA8460000 CHONEMORPHA MACROPHYLLA (Roxb.) G. Don, leaf and stem bark extract

DEF:Indian plant belonging to the family APOCYNACEAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:681 mg/kg	IJEBA6 18,594,80

CHORAFURONE see: LV1050000
CHORIGON see: MD6953000
CHORIOGONADOTROPIN see: MD6953000
CHORIOGONIN see: MD6953000
CHORIONIC GONADOTROPHIN see: MD6953000
CHORIONIC GONADOTROPIC HORMONE see: MD6953000
CHORIONIC GONADOTROPIN see: MD6953000
C. HORRIDUS HORRIDUS VENOM see: YX4330000
CHORULON see: MD6953000
CHORYLEN see: KX4550000
CHOT see: RZ2620000
CHOTA-KHUDIPANA EXTRACT (Indian) see: OG8225300
CHOTA-SANAI EXTRACT (Indian) see: GP9031400
CHOTO-GOALE EXTRACT (Indian) see: FI7480000
CHP-PHENOBARBITALAT (German) see: CQ6832000
CHR-2 see: MA5310000

GA8519200 CHR-8

UPDT:8403 CAS: 83712-56-5

MUTATION DATA AND REFERENCES:

	sln-dmg-orl 55 mmol/L/72H-C	NTIS** AD-A114-184

TOXICITY DATA AND REFERENCES:

3D17F07F12	orl-rat LD50:3136 mg/kg	NTIS** AD-A121-891

CHRISTMAS FLOWER see: LE5943000
CHRLICH 594 see: CF8400000
CHROMACID ORANGE 5 see: VO5310000
CHROMALUM HEXAHYDRATE see: GB7250000

GA8730000 CHROMAN, 3,4-trans-2,2-DIMETHYL-3-PHENYL-4-p-(beta-PYRROLIDINOETHOXY)PHENYL-7-METHOXY-, HYDROCHLORIDE

UPDT:8401 CAS: 51023-56-4 MW: 478.12 MOLFM: C30-H35-N-O2 . Cl-H
SYN: 67 20CDRI * CENTCHROMAN HYDROCHLORIDE * 3,4-trans-2,2-DIMETHYL-3-PHENYL-4-p-(beta-PYRROLIDINOETHOXY)PHENYL-7-METHOXYCHROMAN HCl

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	scu-rat TDLo:1 mg/kg (1D pre)	CCPTAY 13,597,76
1T19	scu-rat TDLo:1250 ug/kg (9D preg)	CCPTAY 9,279,74

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:1600 mg/kg	IJEBA6 15,1159,77
	ipr-mus LD50:400 mg/kg	IJEBA6 15,1159,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GA8735000 4-CHROMANOL, 3-AMINO-, (Z)-

UPDT:8310 CAS: 23607-87-3 MW: 165.21 MOLFM: C9-H11-N-O2
SYN: (Z)-3-AMINO-4-CHROMANOL

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:300 mg/kg	EJMCA5 14,329,79

2-CHROMANONE see: MW5775000
CHROMAN, 2-OXO- see: MW5775000
CHROMAR see: NT8050000
CHROMAR see: ZE2625000
CHROMARGYRE see: LM5250000

GA9120000 CHROMATE (Cr2-O7(sup 2-))

UPDT:8408 CAS: 13907-47-6 MW: 216.00 MOLFM: Cr2-O7
SYN: BICHROMATE * DICHROMATE * DICHROMATE (Cr2-O7(sup 2-)) * DICHROMATE ION * DICHROMATE ION (2-) * DICHROMATE ION (Cr2-O7(sup 2-))

MUTATION DATA AND REFERENCES:

	mmo-sat 50 ug/plate	CRNGDP 5,505,84
	mma-sat 50 ug/plate	CRNGDP 5,505,84

CHROMATE DE PLOMB (French) see: GB2975000

GA9160000 CHROMATE(1-), DIAMMINETETRAKIS(ISOTHIOCYANATO)-, AMMONIUM, HYDRATE

UPDT:7901 CAS: 19441-09-9 MW: 354.47 MOLFM: C4-H10-N7-S4 . Cr . H2-O
SYN: AMMONIUM REINECKATE HYDRATE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	CSLNX* NX#01547

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-CL 100 ug(CrO3)/m3 FEREAC 39,23540,74

GA9170000 CHROMATE(1-), HYDROXYOCTAOXODIZINCATEDI-, POTASSIUM

UPDT:8412 CAS: 11103-86-9 MW: 418.85 MOLFM: Cr-H-O9-Zn2 x
SYN: BUTTERCUP YELLOW * CHROMIC ACID, POTASSIUM ZINC SALT (2:2:1) * CITRON YELLOW * POTASSIUM ZINC CHROMATE * POTASSIUM ZINC CHROMATE HYDROXIDE * ZINC CHROME * ZINC YELLOW

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,205,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-CL 100 ug(CrO3)/m3 FEREAC 39,23540,74

STATUS:
NTP CARCINOGENESIS STUDIES, SELECTED, OCTOBER 1984
★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976
REPORTED IN EPA TSCA INVENTORY, 1983

CHROMATE of POTASS see: GB2940000
CHROMATE of SODA see: GB2955000
CHROMATEX ORANGE R see: GL3854000
CHROMATEX RED J see: QK4247000
CHROMAZINE BLUE BLACK B see: QK2195000
CHROME see: GB4200000
CHROME ALUM see: GB6850000
CHROME ALUM see: GB6845000
CHROME ALUM (DODECAHYDRATE) see: GB6850000
CHROME BLUE BLACK BF see: QK2195000
CHROME FAST BLUE 2R see: QK1925000
CHROME FAST CYANIDE G see: QK2195000
CHROME FAST CYANINE GN see: QK2195000
CHROME FAST CYANINE GNN see: QK2195000
CHROME FAST CYANINE GP see: QK2195000
CHROME FAST CYANINE GSS see: QK2195000
CHROME FAST CYANINE BP see: QK2195000
CHROME FAST ORANGE RW see: VO5310000
CHROME FERROALLOY see: LK0750000
CHROME FLUORURE (French) see: GB6125000
CHROME GREEN see: GB6475000
CHROME GREEN see: GB2975000
CHROME GREEN UC61 see: GB2975000
CHROME GREEN UC74 see: GB2975000
CHROME GREEN UC76 see: GB2975000
CHROME LEATHER BLACK E see: QJ6160000
CHROME LEATHER BLACK EC see: QJ6160000
CHROME LEATHER BLACK EM see: QJ6160000
CHROME LEATHER BLACK G see: QJ6160000
CHROME LEATHER BLUE 2B see: QJ6400000
CHROME LEATHER BLUE 3B see: QJ6475000
CHROME LEATHER BRILLIANT BLACK ER see: QJ6160000
CHROME LEATHER BROWN BRLL see: GL7375000
CHROME LEATHER BROWN BRSL see: GL7375000
CHROME LEATHER DARK GREEN N see: QJ6195050
CHROME LEATHER DARK GREEN S see: QJ6195050
CHROME LEATHER FAST YELLOW A see: GD0197800
CHROME LEATHER GREEN B see: QJ6195050
CHROME LEATHER PURE BLUE see: QJ6420000
CHROME LEATHER RED 4B see: QK1765000
CHROME LEATHER SCARLET 3BS see: QJ6476000
CHROME LEATHER SKY BLUE see: QJ6430000
CHROME LEATHER YELLOW A see: GD0197800
CHROME LEATHER YELLOW TG see: GD0197800
CHROME LEMON see: GB2975000
CHROMELIN see: UC1645000
N-(delta(sup 3)-CHROMENE-3-CARBONYL)-4-IMINOPYRIDINE see: DJ2260400
2H-1-BENZOPYRAN-3-CARBOXAMIDE, N-4-PYRIDINYL-delta(sup 3)-CHROMENE-3-CARBOXAMIDE see: DJ2260150
CHROME OCHRE see: GB6475000
CHROME ORANGE see: OF9800000
CHROME ORANGE 54 see: OF9800000
CHROME ORANGE 56 see: OF9800000
CHROME ORANGE 57 see: OF9800000
CHROME ORANGE 58 see: OF9800000
CHROME ORANGE DARK see: OF9800000
CHROME ORANGE EXTRA LIGHT see: OF9800000
CHROME ORANGE G see: OF9800000
CHROME ORANGE MEDIUM see: OF9800000
CHROME ORANGE MR see: VO5310000
CHROME ORANGE N see: VO5310000
CHROME ORANGE NC-22 see: OF9800000
CHROME ORANGE R see: OF9800000
CHROME ORANGE R see: VO5310000
CHROME ORANGE SR see: OF9800000
CHROME ORANGE RF see: OF9800000
CHROME ORANGE RLE see: VO5310000
CHROME ORANGE XL see: OF9800000
CHROME ORE see: GB4000000
CHROME OXIDE see: GB6475000
CHROME OXIDE GREEN see: GB6475000

BEST COPY AVAILABLE

CHROME OXIDE GREEN GN-M see: GB6475000
CHROME OXIDE PIGMENT see: GB6475000
CHROME OXIDE X1134 see: GB6475000
CHROME POTASH ALUM see: GB6845000
CHROME RED see: OF9800000
CHROME (TRIOXYDE DE) (French) see: GB6650000
CHROME VERMILION see: QA4660000
CHROME YELLOW see: GB2975000
CHROME YELLOW G see: GB2975000
CHROME YELLOW 5G see: GB2975000
CHROME YELLOW GF see: GB2975000
CHROME YELLOW LF see: GB2975000
CHROME YELLOW LIGHT 1066 see: GB2975000
CHROME YELLOW LIGHT 1075 see: GB2975000
CHROME YELLOW MEDIUM 1074 see: GB2975000
CHROME YELLOW MEDIUM 1085 see: GB2975000
CHROME YELLOW MEDIUM 1295 see: GB2975000
CHROME YELLOW MEDIUM 1298 see: GB2975000
CHROME YELLOW PRIMROSE 1010 see: GB2975000
CHROME YELLOW PRIMROSE 1015 see: GB2975000
CHROME YELLOW 3RN see: VO5310000
CHROMIA see: GB6475000
CHROMIC ACETATE see: AG2975000
CHROMIC ACETATE (DOT) see: AG2975000
CHROMIC ACETATE (III) see: AG2975000
CHROMIC ACETATE, HYDRATE see: AG3050000
CHROMIC ACETYLACETONATE see: GB7575000

GB2450000 CHROMIC ACID
UPDT:8405 CAS: 7738-94-5 MW: 118.02 MOLFM: Cr-H2-O4
SYN: ACIDE CHROMIQUE (French) * CHROMIC(VI) ACID

MUTATION DATA AND REFERENCES:
mmo-sat 80 ug/plate — MUREAV 54,139,78
dnr-smc 1200 nmol/L — CNJGAB 24,771,82
dnr-ssp 1200 nmol/L — CNJGAB 24,771,82

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 100 ug(CrO3)/m3 (SCP-O) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M — NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7600
REPORTED IN EPA TSCA INVENTORY, 1983

CHROMIC ACID see: GB6650000
CHROMIC(VI) ACID see: GB2450000
CHROMIC (VI) ACID see: GB6650000

GB2650000 CHROMIC ACID (mixture)
UPDT:8308
SYN: CHROMIC ACID MIXTURE, DRY (DOT) * NA 1463 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M — NTIS**

GB2670000 CHROMIC ACID (solution)
UPDT:7901
SYN: CHROMIC ACID SOLUTION (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M — NTIS**

CHROMIC ACID, BARIUM SALT (1:1) see: CQ8760000

GB2685000 CHROMIC ACID, BIS(TRIPHENYLSILYL) ESTER
UPDT:8401 CAS: 1624-02-8 MW: 634.84 MOLFM: C36-H30-Cr-O4-Si2
SYN: BIS(TRIPHENYLSILYL)CHROMATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3360 mg/kg — TXAPA9 28,313,74
* skn-rbt LD50:710 mg/kg — TXAPA9 28,313,74

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GB2750000 CHROMIC ACID, CALCIUM SALT (1:1)
UPDT:8408 CAS: 13765-19-0 MW: 156.08 MOLFM: Cr-O4 Ca
SYN: CALCIUM CHROMATE * CALCIUM CHROMATE (DOT) * CALCIUM CHROMATE (VI) * CALCIUM CHROME YELLOW * CALCIUM CHROMIUM OXIDE (CaCrO4) * CALCIUM MONOCHROMATE * C.I. 77223 * C.I. PIGMENT YELLOW 33 * GELBIN * NA 9096 (DOT) * RCRA WASTE NUMBER U032 * YELLOW ULTRAMARINE

MUTATION DATA AND REFERENCES:
mmo-sat 50 nmol/plate — CRNGDP 2,283,81
mma-sat 10 ug/plate — AEMIDF 33,805,77
mmo-esc 50 nmol/plate — NATUAS 250,493,74
mmo-smc 961 umol/L — MGGEAE 174,39,79
otr-rat:emb 58 ug/L — JJINDB 67,1303,81
otr-mus:fbr 500 ug/L — JJINDB 67,1303,81
dlt-mus-unk 40 mg/kg — MUREAV 97,180,82
otr-ham:emb 6 umol/L — CNREA8 39,193,79
otr-ham:kdy 250 ug/L — DCTODJ 4,185,81
dnd-ham:emb 6 umol/L — CNREA8 39,193,79
dnd-ham:avr 25 umol/L/1H-C — PAACA3 24,74,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 unk-mus TDLo:1400 mg/kg (35W male) — MUREAV 97,180,82

TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:76 mg/kg/19W-I — BJCAAI 23,172,69
3V03J60V10 itr-rat TDLo:40 mg/kg/34W-I — AEHLAU 5,445,62
2V01V10 imp-rat TDLo:125 mg/kg — AIHAAP 20,274,59
2V03J60 imp-rat TD :50 mg/kg — AEHLAU 5,445,62
3V02M61V10 ims-rat TD :216 mg/kg/1Y-I — CNREA8 36,1779,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9 105,71
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 23,205,80
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 23,205,80
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 2,100,73
★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80
★ TLV-CARCINOGEN — DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:OXIDIZER — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM(VI) recm std-air:CL 1 ug(Cr(VI))/m3 — NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT BEHQ-1182-0463
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GB2800000 CHROMIC ACID, CALCIUM SALT (1:1), DIHYDRATE
UPDT:8401 CAS: 8012-75-7 MW: 192.12 MOLFM: Cr-O4 Ca 2H2-O
SYN: CALCIUM CHROMATE (VI) * CALCIUM CHROME YELLOW * C.I. 77223 * C.I. PIGMENT YELLOW 33 * GELBIN YELLOW ULTRAMARINE * PIGMENT YELLOW 33 * STEINBUHL YELLOW

MUTATION DATA AND REFERENCES:
otr-ham:kdy 250 mg/L — CNREA8 35,1058,75

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:400 mg/kg — AMIHAB 21,530,60
2V01V10 imp-mus TDLo:400 mg/kg — AMIHAB 21,530,60

TOXICITY DATA AND REFERENCES:
orl-rat LD50:327 mg/kg — TXAPA9 42,417,77
1V10 imp-rat LDLo:112 mg/kg — AMIHAB 21,530,60

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 2,100,72
★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80
★ TLV-CARCINOGEN — DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM (VI) recm std-air:Cl 1 ug(Cr(VI))/m3 — NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GB2850000 CHROMIC ACID, CHROMIUM (3+) SALT (3:2)
UPDT:8401 CAS: 24613-89-6 MW: 452.00 MOLFM: Cr3-O12 2Cr
SYN: CHROMIC CHROMATE * CHROMIUM CHROMATE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 imp-rat TDLo:112 mg/kg — AIHAAP 20,274,59

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 2,100,73
★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM(VI) recm std-air:CL 1 ug(Cr(VI))/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GB2880000 CHROMIC ACID, DIAMMONIUM SALT
UPDT:8405 CAS: 7788-98-9 MW: 152.10 MOLFM: Cr-H2-O4 2H3-N
SYN: AMMONIUM CHROMATE * AMMONIUM CHROMATE(VI) * AMMONIUM CHROMATE (DOT) * DIAMMONIUM CHROMATE * NA 9086 (DOT) * NEUTRAL AMMONIUM CHROMATE

MUTATION DATA AND REFERENCES:
mmo-sat 50 nmol/plate — CRNGDP 2,283,81

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GB2900000 CHROMIC ACID, DI-t-BUTYL ESTER
UPDT:8201 CAS: 1189-85-1 MW: 230.26 MOLFM: C8-H18-Cr-O4
SYN: t-BUTYL CHROMATE

REVIEW AND REFERENCES:
★ TLV-CL 100 ug (CrO3)/m3 (skin) — DTLVS* 4,56,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/M3 (skin) (SCP-O) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM(VI) recm std-air:CL 1 ug(Cr(VI))/m3 — NTIS**

GB2915000 CHROMIC ACID, DILITHIUM SALT
UPDT:8306 MW: 131.90 MOLFM: Cr-H2-O4 2Li
SYN: CHROMIUM LITHIUM OXIDE * DILITHIUM CHROMATE * LITHIUM CHROMATE (DOT) * NA 9134 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE — CFRGBR 49,172.101,82

GB2940000 CHROMIC ACID, DIPOTASSIUM SALT
UPDT:8405 CAS: 7789-00-6 MW: 194.20 MOLFM: Cr-O4 2K
SYN: BIPOTASSIUM CHROMATE * CHROMATE of POTASS * DIPOTASSIUM CHROMATE * DIPOTASSIUM MONOCHROMATE * NA 9142 (DOT) * NEUTRAL POTASSIUM CHROMATE * POTASSIUM CHROMATE * POTASSIUM CHROMATE (VI) * POTASSIUM CHROMATE (DOT) * TARAPACAITE

MUTATION DATA AND REFERENCES:
mmo-sat 80 ug/plate — MUREAV 54,139,78
mma-sat 10 ug/plate — AEMIDF 33,805,77
mmo-esc 1600 umol/L — MUREAV 58,175,78
pic-esc 16 umol/L — ENMUDM 6,59,84
dnr-bcs 50 mmol/L — MUREAV 31,185,75
mrc-bcs 20 mmol/L — MUREAV 58,175,78
dnr-ssp 60 nmol/L — CNJGAB 24,771,82
dnd-hmn:fbr 50 umol/L/4H — CNREA8 42,145,82
dnd-hmn:lng 25 umol/L — CBINA8 36,345,81
dnd-hmn:oth 25 umol/L — CBINA8 36,345,81
dns-hmn:fbr 100 umol/L — DCTODJ 4,185,81
cyt-hmn:lym 20 umol/L — MUREAV 77,157,80
cyt-hmn:leu 4 umol/L — MUREAV 58,175,78
cyt-hmn:fbr 100 umol/L — CARYAB 32,379,79
sce-hmn:fbr 100 nmol/L — DCTODJ 4,185,81

BEST COPY AVAILABLE

	cyt-rat-orl 365 mg/kg/1Y-I	CYGEDX 10(3),27,76
	cyt-rat-ipr 15 mg/kg	CYGEDX 10(3),27,76
	dnd-mus:leu 25 umol/L	CBINA8 36,345,81
	cyt-mus:mmr 1 umol/L/48H	MUREAV 67,221,79
	msc-mus:lym 1 mg/L	JTEHD6 9,367,82
	otr-ham:emb 10 umol/L	CNREA8 39,193,79
	dnd-ham:emb 10 umol/L	CNREA8 39,193,79
	cyt-ham:ovr 150 ug/L	CARYAB 32,379,79
	sce-ham:ovr 150 ug/L	CARYAB 32,379,79
	sce-ham:fb: 800 ug/L	MUREAV 104,141,82
	sce-ham:lng 26 ug/L	CRNGDP 4,605,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T33	ipr-mus TDLo:30 mg/kg (8-10D preg)	APTOA6 47,66,80
1T29	ipr-mus TDLo:60 mg/kg (8-10D preg)	APTOA6 47,66,80

TUMORIGENIC DATA AND REFERENCES:

3V03P61J61	orl-mus TDLo:1600 mg/kg/62W-C	JONUAI 101,1431,71

TOXICITY DATA AND REFERENCES:

	scu-dog LDLo:19 mg/kg	SMSJAR 26,131,1826
	ivn-dog LDLo:3 mg/kg	EQSSDX 1,1,75
	scu-rbt LDLo:12 mg/kg	EQSSDX 1,1,75
	ims-rbt LD50:11 mg/kg	JPETAB 87,119,46
	scu-gpg LDLo:60 mg/kg	EQSSDX 1,1,75
	ivn-mam LDLo:259 mg/kg	SMSJAR 26,131,1826

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PEXTAR 12,102,69; 85DHAX Cr,22,74

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 2,100,73
★ CARCINOGENIC REVIEW:HUMAN POSITIVE	IARC** 23,205,80
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 23,205,80
★ TLV-TWA 50 ug(Cr)/m3	DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:Cl 100 ug(CrO3)/m3 (SCP-O)	FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE	CFRGBR 49,172 101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;Cl 50 ug/m3/15M	NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHROMIC ACID, DIPOTASSIUM SALT see: HX7680000

GB2955000 CHROMIC ACID, DISODIUM SALT

UPDT:8412 CAS: 7775-11-3 MW: 161.98 MOLFM: Cr-O4 2Na

SYN: CHROMATE of SODA * CHROMIUM DISODIUM OXIDE * CHROMIUM SODIUM OXIDE * DISODIUM CHROMATE * NA 9145 (DOT) * NEUTRAL SODIUM CHROMATE * SODIUM CHROMATE * SODIUM CHROMATE(VI) * SODIUM CHROMATE (DOT)

MUTATION DATA AND REFERENCES:

	dnr-sat 50 mmol/L	TOLED5 7,439,81
	mmo-esc 50 nmol/plate	NATUAS 250,493,74
	dnr-bcs 50 mmol/L	TOLED5 7,439,81
	cyt-ham:ovr 250 ug/L	TXCYAC 17,219,80
	sce-nam:ovr 250 ug/L	TXCYAC 17,219,80
	sce-ham:lng 32 ug/L	CRNGDP 4,605,83
	dnd-ckn:emb 2500 nmol/L	CRNGDP 4,959,83

TOXICITY DATA AND REFERENCES:

2F07F24	ipr-rat LD50:57 mg/kg	AIPTAK 154,243,65
	ipr-mus LD50:32 mg/kg	COREAF 257,791,63
	ivn-dog LDLo:235 mg/kg	EQSSDX 1,1,75
2H02J25	ivn-cat LD50:164 mg/kg	AGSOA6 8,51,67
	ivn-rbt LDLo:32 mg/kg	EQSSDX 1,1,75
	idr-rbt LDLo:250 mg/kg	JAPHAR 11,285,1877
*	skn-gpg LDLo:206 mg/kg	AEHLAU 11,201,65
*	ipr-gpg LDLo:206 mg/kg	AEHLAU 11,201,65
	scu-gpg LDLo:30 mg/kg	EQSSDX 1,1,75
	idr-gpg LDLo:382 mg/kg	JAPHAR 11,285,1877

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 85DHAX Cr,22,74

★ CARCINOGENIC REVIEW:HUMAN POSITIVE	IARC** 23,205,80
★ CARCINOGENIC REVIEW:INDEFINITE	IARC** 2,100,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 23,205,80
★ TLV-TWA 50 ug(Cr)/m3	DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:Cl 100 ug(CrO3)/m3 (SCP-O)	FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE	CFRGBR 49,172 101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M	NTIS**

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0578-0151

CHROMIC ACID, DISODIUM SALT see: HX7700000

GB2957000 CHROMIC ACID, DISODIUM SALT, DECAHYDRATE

UPDT:8307 CAS: 13517-17-4 MW: 342.18 MOLFM: Cr-Na2-O4 10H2-O

SYN: SODIUM CHROMATE DECAHYDRATE

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 85DHAX Cr,22,74

★ TLV-TWA 50 ug(Cr)/m3	DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M	NTIS**

CHROMIC ACID (H2Cr207), DISODIUM SALT, DIHYDRATE (9CI) see: HX7750000

GB2958300 CHROMIC ACID, DISODIUM SALT, TETRAHYDRATE

UPDT:8401 CAS: 10034-82-9 MW: 234.06 MOLFM: Cr-O4 2Na 4H2-O

MUTATION DATA AND REFERENCES:

	otr-ham:emb 100 ug/L	CNREA8 39,1008,79

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

CHROMIC ACID, solution (DOT) see: GB6650000

CHROMIC ACID GREEN see: GB6475000

CHROMIC ACID, LEAD and MOLYBDENUM SALT see: OG1625000

GB2975000 CHROMIC ACID, LEAD(2 +) SALT (1:1)

UPDT:8406 CAS: 7758-97-6 MW: 323.19 MOLFM: Cr-O4 Pb

SYN: CANARY CHROME YELLOW 40 2250 * CHROMATE DE PLOMB (French) * CHROME GREEN * CHROME GREEN UC61 * CHROME GREEN UC74 * CHROME GREEN UC76 * CHROME LEMON * CHROME YELLOW * CHROME YELLOW G * CHROME YELLOW SG * CHROME YELLOW GF * CHROME YELLOW LF * CHROME YELLOW LIGHT 1066 * CHROME YELLOW LIGHT 1075 * CHROME YELLOW MEDIUM 1074 * CHROME YELLOW MEDIUM 1085 * CHROME YELLOW MEDIUM 1295 * CHROME YELLOW MEDIUM 1298 * CHROME YELLOW PRIMROSE 1010 * CHROME YELLOW PRIMROSE 1015 * CHROMIUM YELLOW * C.I. 77600 * C.I. PIGMENT YELLOW 34 * COLOGNE YELLOW * C.P. CHROME YELLOW LIGHT * C.P. CHROME YELLOW MEDIUM * C.P. CHROME YELLOW PRIMOSE * CROCOITE * DAINICHI CHROME YELLOW G * GIALLO CROMO (Italian) * KING'S YELLOW * LEAD CHROMATE * LEAD CHROMATE(VI) * LEIPZIG YELLOW * LEMON YELLOW * PARIS YELLOW * PIGMENT GREEN 15 * PLUMBOUS CHROMATE * PURE LEMON CHROME L3GS

MUTATION DATA AND REFERENCES:

	mmo-sat 400 ug/plate	MUREAV 66,357,79
	mma-sat 400 ug/plate	MUREAV 66,357,79
	mmo-esc 2 umol/L	MRLEDH 91,33,81
	mrc-smc 62500 ug/L	MUREAV 66,357,79
	oms-lmn:oth 500 mg/L	BJCAAI 44,219,81
	cyt-hmn:lym 13 umol/L	MUREAV 77,157,80
	cyt-hmn:oth 500 mg/L	BJCAAI 44,219,81
	sce-hmn:lym 20 umol/L	MUREAV 77,157,80
	otr-ham:emb 40 umol/L	CNREA8 39,193,79
	dnd-ham:emb 40 umol/L	CNREA8 39,193,79
	dni-ham:kdy 150 mg/L	BJCAAI 44,219,81
	oms-ham:kdy 150 mg/L	BJCAAI 44,219,81
	cyt-ham:ovr 5 mg/L	BJCAAI 44,219,81
	sce-ham:ovr 5 mg/L	BJCAAI 44,219,81

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-rat TDLo:135 mg/kg	TUMOAB 57,213,71
3V02M61V10	ims-rat TDLo:324 mg/kg/39W-I	CNREA8 36,1779,76
2V03V10	scu-rat TD :135 mg/kg	PBPHAW 14,47,78

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:12 gm/kg	OYYAA2 2,76,68
*	ipr-gpg LD75:156 mg/kg	85ESA3 9,709,76

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:HUMAN POSITIVE	IARC** 23,205,80
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 23,205,80
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 2,100,73
★ TLV-TWA 50 ug(Cr)/m3	DTLVS* 4,245,80
★ TLV-SUSPECTED CARCINOGEN	DTLVS* 4,245,80
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3	DTLVS* 4,243,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:Cl 100 ug(CrO3)/m3 (SCP-O)	FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3	FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM (VI) recm std-air:Cl 1 ug(Cr(VI))/m3	NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3	NTIS**

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHROMIC ACID LEAD SALT with LEAD MOLYBDATE see: OG1625000

CHROMIC ACID, MERCURY ZINC COMPLEX see: ZH4350000

CHROMIC ACID MIXTURE, DRY (DOT) see: GB2650000

CHROMIC ACID, POTASSIUM ZINC SALT (2:2:1) see: GA9170000

CHROMIC ACID, SOLID see: GB6650000

CHROMIC ACID, SOLID (DOT) see: GB6650000

CHROMIC ACID SOLUTION (DOT) see: GB2670000

GB3240000 CHROMIC ACID, STRONTIUM SALT (1:1)

UPDT:8407 CAS: 7789-06-2 MW: 203.62 MOLFM: Cr-O4 Sr

SYN: C.I. PIGMENT YELLOW 32 * DEEP LEMON YELLOW * NA 9149 (DOT) * STRONTIUM CHROMATE * STRONTIUM CHROMATE (1:1) * STRONTIUM CHROMATE 12170 * STRONTIUM CHROMATE A * STRONTIUM CHROMATE (DOT) * STRONTIUM CHROMATE (VI) * STRONTIUM CHROMATE X-2396 * STRONTIUM YELLOW

TUMORIGENIC DATA AND REFERENCES:

3V03J60V10	itr-rat TDLo:40 mg/kg/34W-I	AEHLAU 5,445,62
2V03V10	imp-rat TDLo:125 mg/kg	AIHAAP 20,274,59

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3118 mg/kg	GISAAA 45(10),76,80
*	itr-rat LD50:16600 ug/kg	GISAAA 45(10),76,80

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 2,100,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 23,205,80
★ CARCINOGENIC REVIEW:HUMAN POSITIVE	IARC** 23,205,80
★ TLV-TWA 50 ug(Cr)/m3	DTLVS* 4,98,80
★ TLV-CARCINOGEN	DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3	FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE	CFRGBR 49,172 101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM (VI) recm std-air:Cl 1 ug(Cr(VI))/m3	NTIS**

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1179-0318

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GB3260000 CHROMIC ACID, ZINC HYDROXIDE HYDRATE (1:2:2:1)

UPDT:8209 CAS: 15930-96-6 MW: 298.78 MOLFM: Cr-O4 H2-O2 Zn2 H2-O

SYN: BUTTERCUP YELLOW * CHROMIC ACID, ZINC SALT (1:2) * CHROMIUM(6 +) ZINC OXIDE HYDRATE (1:2:6:1) * ZINC CHROMATE HYDROXIDE * ZINC CHROMATE (VI) HYDROXIDE * ZINC HYDROXYCHROMATE * ZINC YELLOW

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PEXTAR 12,102,69; 85DHAX Cr,22,74; AMTODM 3,209,77

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 2,100,73
★ CARCINOGENIC REVIEW:HUMAN POSITIVE	IARC** 23,205,80
★ TLV-TWA 50 ug(Cr)/m3	DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM (VI) recm std-air:Cl 1 ug(Cr(VI))/m3	NTIS**

STATUS:

★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976

GB3290000 CHROMIC ACID, ZINC SALT

UPDT:8403 CAS: 13530-65-9 MW: 183.39 MOLFM: Cr-H2-O4 Zn

BEST COPY AVAILABLE

SYN: BASIC ZINC CHROMATE * BASIC ZINC CHROMATE X-2259 * BUTTERCUP YELLOW * CHROMIUM ZINC OXIDE * C.I. 77955 * C.I. PIGMENT YELLOW 36 * CITRON YELLOW * C.P. ZINC YELLOW X-883 * C.P. ZINC YELLOW X-2127 * PRIMROSE YELLOW * PURE ZINC CHROME * PURE ZINC CHROME A * PURE ZINC YELLOW * ZINC CHROMATE * ZINC CHROMATE AM * ZINC CHROMATE C * ZINC CHROMATE O * ZINC CHROMATE T * ZINC CHROMATE(VI) HYDROXIDE * ZINC CHROMATE Z * ZINC CHROME * ZINC CHROME (ANTI-CORROSION) * ZINC CHROME YELLOW * ZINC CHROMIUM OXIDE * ZINC HYDROXYCHROMATE * ZINC TETRAOXYCHROMATE * ZINC TETRAOXYCHROMATE 76A * ZINC TETROXYCHROMATE * ZINC TETROXYCHROMATE 7808 * ZINC TETROXYCHROMATE * ZINC YELLOW * ZINC YELLOW 1 * ZINC YELLOW 1425 * ZINC YELLOW 40-9015 * ZINC YELLOW AZ-16 * ZINC YELLOW AZ-18 * ZINC YELLOW KSH * ZINC YELLOW 386N * ZINC YELLOWS

MUTATION DATA AND REFERENCES:

oms-hmn:oth 500 mg/L		BJCAAI 44,219,81
cyt-hmn:oth 500 mg/L		BJCAAI 44,219,81
otr-ham:emb 10 umol/l		CNREAB 39,193,79
dni-ham:kdy 50 mg/L		BJCAAI 44,219,81
oms-ham:kdy 50 mg/L		BJCAAI 44,219,81
cyt-ham:lng 4 ug/L		MUREAV 67,55,79
cyt-ham:ovr 5 mg/L		BJCAAI 44,219,81
sce-ham:ovr 5 mg/L		BJCAAI 44,219,81

TUMORIGENIC DATA AND REFERENCES:

2V01J61	ihl-man TCLo:5 mg/m3/8H/7Y-I	BJIMAG 32,62,75
2V03V10	scu-rat TDLo:135 mg/kg	PBPHAW 14,47,78

TOXICITY DATA AND REFERENCES:

	ivn-mus LDLo:30 mg/kg	AQMOAC #70-15,1970

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 85DHAX Cr,22,74

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 23,205,80
★ CARCINOGENIC REVIEW:HUMAN POSITIVE — IARC** 23,205,80
★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,445,80
★ TLV-SUSPECTED CARCINOGEN — DTLVS* 4,445,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM(VI) recm std-air:CL 1 ug(Cr(VI))/m3 — NTIS**

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976
REPORTED IN EPA TSCA INVENTORY, 1983
★ FPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CHROMIC ACID, ZINC SALT (1:2) see: GB3260000

GB3295000 CHROMIC ACID, ZINC SALT, BASIC

UPDT:8001 CAS: 50922-29-7 MW: 280.76 MOLFM: Cr O4-Zn. H2-O2-Zn
SYN: BASIC ZINC CHROMATE

MUTATION DATA AND REFERENCES:

	mmo-sat 80 ug/plate	MUREAV 54,139,78

REVIEW AND REFERENCES:

★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM(VI) recm std-air:CL 1 ug(Cr(VI))/m3 — NTIS**

STATUS:

★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976
REPORTED IN EPA TSCA INVENTORY, 1983

GB3300000 CHROMIC ACID, ZINC SALT, compd. with ZINC HYDROXIDE and CHROMIUM OXIDE (9:1)

UPDT:8203 MW: 382.78 MOLFM: Cr-O4 Zn H4-O2 Zn Cr-O3
SYN: ZINC YELLOW

MUTATION DATA AND REFERENCES:

	mma-sat 90 nmol/plate	CRNGDP 2,283,81

REVIEW AND REFERENCES:

★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM(VI) recm std-air:CL 1 ug(Cr(VI))/m3 — NTIS**

STATUS:

★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976
CHROMIC AMMONIUM SULFATE see: BS4515000 AMMONIUM SULFATE, and CHROMIC SULFATE,TETRACOSAHYDRATE
CHROMIC ANHYDRIDE see: GB6650000
CHROMIC ANHYDRIDE (DOT) see: GB6650000
CHROMIC CHLORIDE see: GB5425000
CHROMIC CHLORIDE HEXAHYDRATE see: GB5450000
CHROMIC CHROMATE see: GB2850000
CHROMIC FLUORIDE see: GB6125000
CHROMIC FLUORIDE, solid (DOT) see: GB6125000
CHROMIC FLUORIDE solution (DOT) see: GB6125000
CHROMIC ION see: GB6261000
CHROMIC NITRATE see: GB6280000
CHROMIC NITRATE NONAHYDRATE see: GB6300000
CHROMIC OXIDE see: GB6475000
CHROMIC OXYCHLORIDE see: GB5775000
CHROMIC PHOSPHATE see: GB6840000
CHROMIC POTASSIUM SULFATE see: GB6845000
CHROMIC POTASSIUM SULPHATE see: GB6845000
CHROMIC SULFATE see: GB7200000
CHROMIC SULFATE (DOT) see: GB7200000
CHROMIC SULPHATE see: GB7200000
CHROMIC TRIFLUORIDE see: GB6125000
CHROMIC TRIOXIDE see: GB6650000
CHROMIC TRIOXIDE (DOT) see: GB6650000

GB3860000 CHROMITAN B

UPDT:8408

MUTATION DATA AND REFERENCES:

	mmo-sat 10 mg/plate	BECTA6 32,400,84
	mma-sat 4 mg/plate	MUREAV 113,237,83

CHROMITAN MS see: WS7070000
CHROMITE see: GB4000000

GB4000000 CHROMITE (mineral)

UPDT:8308 CAS: 1308-31-2 MW: 223.85 MOLFM: Cr2-Fe-O4
SYN: CHROME ORE * CHROMITE * CHROMITE ORE * IRON CHROMITE

MUTATION DATA AND REFERENCES:

	mmo-sat 2 mg/plate	CRNGDP 2,283,81
	mma-sat 2 mg/plate	CRNGDP 3,1331,82
	oms-hmn:oth 500 mg/L	BJCAAI 44,219,81
	cyt-hmn:oth 500 mg/L	BJCAAI 44,219,81
	dni-ham:kdy 500 mg/L	BJCAAI 44,219,81
	oms-ham:kdy 500 mg/L	BJCAAI 44,219,81
	cyt-ham:ovr 5 mg/L	BJCAAI 44,219,81
	sce-ham:ovr 10 mg/L	CRNGDP 3,1331,82

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 23,205,80
★ TLV-TWA 50 ug(Cr)/m3 (ore processing) — DTLVS* 4,99,80
★ TLV-TWA 550 ug(Cr)/m3 — DTLVS* 4,98,80
★ TLV-CARCINOGEN (ore processing) — DTLVS* 4,99,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:CL 500 ug(Cr)/m3 — FEREAC 39,23540,74

CHROMITE ORE see: GB4000000
CI-914 see: UR6372000 3(2H)-PYRIDAZINONE, 4,5-DIHYDRO-6-(p-(1-IMIDAZOLYL)PHENYL)-,MONOHYDROCHLORIDE
CI-918 see: NJ5099200 IMIDAZO(1,2-a)PYRAZOLO(4,3-f)(1,4)DIAZEPINE, 1,6-DIHYDRO-4-(o-CHLOROPHENYL)-1,3,9-TRIMETHYL-
CI-923 see: DJ3350000 5H-(1)BENZOPYRAN(3,4-c)PYRIDIN-5-ONE, 1,2,3,4-TETRAHYDRO-3-(2-(ETHYLAMINO)PROPYL)-

GB4200000 CHROMIUM

UPDT:8408 CAS: 7440-47-3 MW: 52.00 MOLFM: Cr
SYN: CHROME

TUMORIGENIC DATA AND REFERENCES:

3V03K60P62	ivn-rat TDLo:2160 ug/kg/6W-I	JNCIAM 16,447,55
3V03P62V10	imp-rat TDLo:1200 ug/kg/6W-I	JNCIAM 16,447,55
2V03Q60	imp-rbt TDLo:75 mg/kg	ZEKBAI 52,425,42

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 85CVA2 5,63,70; KOTTAM 11(11),1300,75; FOREAE 7,313,42; MIBUBI 9(4),321,75; FCTXAV 9,105,71; PEXTAR 12,102,69; 85DHAX Cr,22,74; BNYMAM 54,413,78; NTIS** CONF-691001

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 2,100,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 23,205,80
★ TLV-TWA 500 ug/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 1 mg/m3 (SCP-O) — FEREAC 39,23540,74

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7024, 7300 and 7600
★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHROMIUM (II) see: GB6260000
CHROMIUM (2 +) see: GB6260000
CHROMIUM (III) see: GB6261000
CHROMIUM (3 +) see: GB6261000
CHROMIUM(VI) see: GB6262000
CHROMIUM(6 +) see: GB6262000
CHROMIUM (Cr +6) see: GB6262000
CHROMIUM (Cr(sup 6 +)) see: GB6262000
CHROMIUM ACETATE see: AG2975000
CHROMIUM(II) ACETATE see: AG3000000
CHROMIUM(III) ACETATE see: AG2975000
CHROMIUM(2 +) ACETATE see: AG3000000
CHROMIUM ACETATE HYDRATE see: AG3000000
CHROMIUM ACETYLACETONATE see: GB7575000
CHROMIUM(III) ACETYLACETONATE see: GB7575000
CHROMIUM(3 +) ACETYLACETONATE see: GB7575000
CHROMIUM ALLOY, BASE, Cr,C,Fe,N,Si (FERROCHROMIUM) see: LK0750000
CHROMIUM ALLOY, Cr,C,Fe,N,Si (9CI) see: LK0750000

GB4600000 CHROMIUM ALLUMEN

UPDT:8401

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-rat TDLo:135 mg/kg	ANYAA9 271,431,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GB4610000 CHROMIUM(III) ALUM

DEF:Main chromium component is CHROMIUM SULFATE (BJCAAI 44,219,81)
UPDT:8308

MUTATION DATA AND REFERENCES:

	cyt-hmn:oth 500 mg/L	BJCAAI 44,219,81
	oms-hmn:oth 500 mg/L	BJCAAI 44,219,81
	dni-ham:kdy 500 mg/L	BJCAAI 44,219,81
	oms-ham:kdy 500 mg/L	BJCAAI 44,219,81
	cyt-ham:ovr 25 mg/L	BJCAAI 44,219,81

CHROMIUM, BIS(BENZENE)- (8CI) see: GB5850000
CHROMIUM, BIS(eta(sup 6)-BENZENE)- (9CI) see: GB5850000
CHROMIUM(1 +), BIS(BENZENE)-, IODIDE (8CI) see: GB5900000
CHROMIUM(1 +), BIS(eta(sup 6)-BENZENE)-, IODIDE (9CI) see: GB5900000
CHROMIUM, BIS(BENZENE)IODO- see: GB5900000
CHROMIUM, BIS(CUMENE)- (8CI) see: GB5800000
CHROMIUM, BIS((1,2,3,4,5,6-eta)-(1-METHYLETHYL)BENZENE)- (9CI) see: GB5800000

GB5075000 CHROMIUM CARBONYL

UPDT:8401 CAS: 13007-92-6 MW: 220.06 MOLFM: C6-Cr-O6
SYN: CHROMIUM CARBONYL (OC-6-11) (9CI) * CHROMIUM HEXACARBONYL * HEXACARBONYL CHROMIUM

TUMORIGENIC DATA AND REFERENCES:

3V03J60V10	imp-rat TDLo:75 mg/kg	CNREAB 37,1476,77

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:30 mg/kg	AQMOAC #70-15,1970

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 85DHAX Cr,22,74

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 23,205,80
★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM(VI) recm std-air:CL 1 ug(Cr(VI))/m3 — NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHROMIUM CARBONYL (OC-6-11) (9CI) see: GB5075000
CHROMIUM CHLORIDE see: GB5250000
CHROMIUM CHLORIDE see: GB5425000
CHROMIUM(II) CHLORIDE see: GB5250000

GB5250000 CHROMIUM(II) CHLORIDE (1:2)

UPDT:8308 CAS: 10049-05-5 MW: 122.90 MOLFM: Cl2-Cr
SYN: CHROMIUM CHLORIDE * CHROMIUM DICHLORIDE * CHROMIUM(II) CHLORIDE * CHROMOUS CHLORIDE * CHROMOUS CHLORIDE (DOT) * NA 9102 (DOT)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1870 mg/kg	AIHAAP 30,470,69

REVIEW AND REFERENCES:

★ TLV-TWA 500 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:CL 500 ug(Cr)/m3 — FEREAC 39,23540,74

BEST COPY AVAILABLE

★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GB5425000 CHROMIUM(III) CHLORIDE (1:3)
UPDT:8408 CAS: 10025-73-7 MW: 158.35 MOLFM: Cl3-Cr
SYN: CHROMIC CHLORIDE * CHROMIUM CHLORIDE * CHROMIUM CHLORIDE, ANHYDROUS * CHROMIUM TRICHLORIDE * C.I. 77295 * PURATRONIC CHROMIUM CHLORIDE * TRICHLOROCHROMIUM

MUTATION DATA AND REFERENCES:
dnd-esc 5 mmol/L CNREA8 40,2455,80
dnd-esc 500 umol/L ENMUDM 6,59,84
dns-hmn:fbr 100 umol/L DCTODJ 4,185,81
oms-hmn:oth 500 mg/L BJCAAI 44,219,81
cyt-hmn:fbr 100 umol/L CARYAB 32,379,79
cyt-hmn:oth 500 mg/L BJCAAI 44,219,81
dnd-ham:lng 10 umol/L MUREAV 117,279,83
dnd-ham:kdy 500 mg/L CBINA8 37,309,81
oms-ham:kdy 500 mg/L CBINA8 37,309,81
cyt-ham:ovr 50 ug/L CARYAB 32,379,79
sce-ham:fbr 1 mg/L MUREAV 104,141,82
sce-ham:lng 39 mg/L CRNGDP 4,605,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 itt-rat TDLo:12668 ug/kg (1D male) JRPFA4 7,21,64
2T41T47 ipr-mus TDLo:44600 ug/kg (8D preg) JTSCDR 1,1,76
1T34 ipr-mus TDLo:30 mg/kg (8D preg) JTSCDR 1,1,76
1T25 ipr-mus TDLo:59500 ug/kg (9D preg) JTSCDR 1,1,76
1T31 ipr-mus TDLo:59500 ug/kg (8D preg) JTSCDR 1,1,76
1T34 scu-mus TDLo:450 mg/kg (1-17D preg) TJADAB 12,198,75
2T01T02 scu-mus TDLo:12668 ug/kg (30D male) JRPFA4 7,21,64

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1870 mg/kg AIHAAP 30,470,69
* ihl-mus LC50:31500 ug/m3/2H 85GMAT -,39,82
ipr-mus LD50:140 mg/kg COREAF 256,1040,63
ivn-mus LDLo:400 mg/kg AQMOAC #70-15,1970
* ims-mus LD50:40 mg/kg 85GMAT -,39,82
ivn-rbt LDLo:288 mg/kg EQSSDX 1,1,75
* skn-gpg LDLo:202 mg/kg AEHLAU 11,201,65
* ipr-gpg LDLo:200 mg/kg AEHLAU 11,201,65

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cr,22,74
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 500 ug(Cr)/m3 FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHROMIUM CHLORIDE, ANHYDROUS see: GB5425000
CHROMIUM CHLORIDE, HEXAHYDRATE (8CI,9CI) see: GB5450000

GB5450000 CHROMIUM(III) CHLORIDE, HEXAHYDRATE (1:3:6)
UPDT:8406 CAS: 10060-12-5 MW: 356.41 MOLFM: Cl3-Cr 6H-O2
SYN: CHLORID CHROMITY HEXAHYDRAT (Czech) * CHROMIC CHLORIDE HEXAHYDRATE * CHROMIUM CHLORIDE, HEXAHYDRATE (8CI,9CI) * CHROMIUM SESQUICHLORIDE * CHROMIUM TRICHLORIDE HEXAHYDRATE * HEXAAQUACHROMIUM CHLORIDE * HEXAAQUACHROMIUM (III) CHLORIDE

MUTATION DATA AND REFERENCES:
cyt-hmn:leu 400 mg/L SAIGBL 18,136,76
sce-ham:fbr 32 mg/L MUREAV 104,141,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T33T41 ipr-mus TDLo:134 mg/kg (8D preg) TXCYAC 26,257,83

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1790 mg/kg MarJV# 29MAR77
ipr-mus LD50:520 mg/kg AEPPAE 244,17,62
* ivn-mus LDLo:1602 mg/kg AIPTAK 62,330,39
* ivn-rbt LDLo:576 mg/kg AIPTAK 62,330,39
* ivn-frg LDLo:374 mg/ AIPTAK 62,330,39

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cr,22,74
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 FEREAC 39,23540,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GB5475000 CHROMIUM CHLORIDE, HEXAUREA
UPDT:8109 CAS: 14023-01-9 MW: 518.77 MOLFM: Cl3-Cr 6C-H4-N2-O
SYN: CHROMIUM(3 +), HEXAKIS(UREA-O)-, TRICHLORIDE, (OC-6-11)- (9CI) * CHROMIUM(3 +), HEXAKIS(UREA)-, TRICHLORIDE (8CI) * CHROMIUM(III) HEXA-UREA CHLORIDE * HEXAUREA CHROMIC CHLORIDE

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:180 mg/kg EQSSDX 1,1,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cr,22,74
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 FEREAC 39,23540,74
CHROMIUM CHLORIDE OXIDE see: GB5775000
CHROMIUM CHROMATE see: GB2850000
CHROMIUM-COBALT ALLOY see: GF9180000
CHROMIUM-COBALT-MOLYBDENUM ALLOY see: ZA7072000
CHROMIUM DIACETATE see: AG3000000
CHROMIUM DICHLORIDE see: GB5250000
CHROMIUM DICHLORIDE DIOXIDE see: GB5775000

GB5775000 CHROMIUM, DICHLORODIOXO-
UPDT:8308 CAS: 14977-61-8 MW: 154.90 MOLFM: Cl2-Cr-O2
SYN: CHLORURE DE CHROMYLE (French) * CHROMIC OXYCHLORIDE * CHROMIUM CHLORIDE OXIDE * CHROMIUM DICHLORIDE DIOXIDE * CHROMIUM DIOXIDE DICHLORIDE * CHROMIUM (VI) DIOXYCHLORIDE * CHROMIUM OXYCHLORIDE * CHROMIUM OXYCHLORIDE (DOT) * CHROMOXYCHLORID (German) * CHROMYLCHLORID (German) * CHROMYL CHLORIDE * CHROMYL CHLORIDE (DOT) * CHROOMOXYCHLORIDE (Dutch) * CROMILE CLORURO DI (Italian) * CROMO OSSICLORURO DI (Italian) * DICHLORODIOXOCHROMIUM * DIOXODICHLOROCHROMIUM * OXYCHLORURE CHROMIQUE (French) * UN 1758 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate CRNGDP 1,583,80
mma-sat 100 ug/plate CRNGDP 1,583,80

REVIEW AND REFERENCES:
★ TLV-TWA 25 ppb DTLVS* 4,100,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM (VI) recm std-air:Cl 1 ug(Cr(VI))/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GB5800000 CHROMIUM, DICUMENYL-
UPDT:8109 CAS: 12001-89-7 MW: 292.42 MOLFM: C18-H24-Cr
SYN: BIS(CUMENE)CHROMIUM * BIS(p-CUMENE)CHROMIUM * BIS(ISOPROPYLBENZENE)CHROMIUM * CHROMIUM, BIS(CUMENE)- (8CI) * CHROMIUM, BIS((1,2,3,4,5,6-eta)-(1-METHYLETHYL)BENZENE)- (9CI) * DICUMENE CHROMIUM

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MOD UCDS** 4/21/67
eye-rbt 15 mg MOD UCDS** 4/21/67

TOXICITY DATA AND REFERENCES:
orl-rat LD50:810 mg/kg AIHAAP 30,470,69
* ivn-mus LD50:2200 ug/kg CSLNX* NX#06778
skn-rbt LD50:22 mg/kg UCDS** 4/21/67

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Cr)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM(VI) recm std-air:CL 1 ug(Cr(VI))/m3 NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHROMIUM DIOXIDE DICHLORIDE see: GB5775000
CHROMIUM (VI) DIOXYCHLORIDE see: GB5775000

GB5850000 CHROMIUM(II), DIPHENYL-
UPDT:8109 CAS: 1271-54-1 MW: 208.24 MOLFM: C12-H12-Cr
SYN: BIS-BENZENE CHROMIUM * CHROMIUM, BIS(BENZENE)- (8CI) * CHROMIUM, BIS(eta(sup 6)-BENZENE)- (9CI) * DIBENZENECHROMIUM * DIPHENYLCHROMIUM

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:17800 ug/kg CSLNX* NX#02380

REVIEW AND REFERENCES:
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 FEREAC 39,23540,74

GB5900000 CHROMIUM (III), DIPHENYL-, IODIDE
UPDT:8109 CAS: 12089-29-1 MW: 235.14 MOLFM: C12-H12-Cr-I
SYN: BIS(BENZENE)CHROMIUM IODIDE * BIS(BENZENE)CHROMIUM(1 +) IODIDE * CHROMIUM(1 +), BIS(BENZENE)-, IODIDE (8CI) * CHROMIUM(1 +), BIS(eta(sup 6)-BENZENE)-, IODIDE (9CI) * CHROMIUM, BIS(BENZENE)IODO- * DIBENZENECHROMIUM IODIDE * DIPHENYLCHROMIUM (III) IODIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#02011

REVIEW AND REFERENCES:
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 FEREAC 39,23540,74
CHROMIUM DISODIUM OXIDE see: GB2955000
CHROMIUM EDTA COMPLEX see: AH4150000

GB6125000 CHROMIUM(III) FLUORIDE
UPDT:8308 CAS: 7788-97-8 MW: 109.00 MOLFM: Cr-F3
SYN: CHROME FLUORURE (French) * CHROMIC FLUORIDE * CHROMIC FLUORIDE, solid (DOT) * CHROMIC FLUORIDE, solution (DOT) * CHROMIC TRIFLUORIDE * CHROMIUM TRIFLUORIDE * UN 1756 (DOT) * UN 1757 (DOT)

TOXICITY DATA AND REFERENCES:
scu-frg LDLo:420 mg/kg CRSBAW 124,133,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solid CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CHROMIUM HEXACARBONYL see: GB5075000
CHROMIUM(3 +), HEXAKIS(UREA)-, TRICHLORIDE (8CI) see: GB5475000
CHROMIUM(3 +), HEXAKIS(UREA-O)-, TRICHLORIDE, (OC-6-11)- (9CI) see: GB5475000
CHROMIUM(III) HEXA-UREA CHLORIDE see: GB5475000
CHROMIUM HEXAVALENT ION see: GB6262000
CHROMIUM HYDROXIDE SULFATE see: QO6800000

GB6260000 CHROMIUM, ION (Cr 2 +)
UPDT:8201 CAS: 22541-79-2 MW: 52.00 MOLFM: Cr
SYN: CHROMIUM (2 +) * CHROMIUM (II) * CHROMIUM (2 +) ION * CHROMOUS ION

MUTATION DATA AND REFERENCES:
dnd-esc 5 umol/L MUREAV 89,95,81
dnd-mus:ast 5 umol/L MUREAV 89,95,81

REVIEW AND REFERENCES:
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80

GB6261000 CHROMIUM, ION (Cr 3 +)
UPDT:8201 CAS: 16065-83-1 MW: 52.00 MOLFM: Cr
SYN: CHROMIC ION * CHROMIUM (3 +) * CHROMIUM (III) * CHROMIUM (III) ION * CHROMIUM ION (3 +)

MUTATION DATA AND REFERENCES:
dnd-esc 5 umol/L MUREAV 89,95,81
dnd-mus:ast 5 umol/L MUREAV 89,95,81

REVIEW AND REFERENCES:
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80

GB6262000 CHROMIUM, ION (Cr 6 +)
UPDT:8404 CAS: 18540-29-9 MW: 52.00 MOLFM: Cr
SYN: CHROMIUM(6 +) * CHROMIUM (Cr + 6) * CHROMIUM (Cr(sup 6 +)) * CHROMIUM HEXAVALENT ION * CHROMIUM(6 +) ION * CHROMIUM, ION (Cr(sup 6 +)) (8CI,9CI) * CHROMIUM(VI) * NCI-C04273

MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate NATWAY 65,207,78
mma-sat 100 nmol/plate NATWAY 65,207,78
dnd-esc 5 umol/L MUREAV 89,95,81
dnd-hmn:hla 5 umol/L MUREAV 89,95,81
dnd-hmn:leu 50 umol/L CBINA8 46,189,83
dnd-mam:lym 1500 umol/L CBINA8 46,265,83

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,98,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM(VI) recm std-air:CL 1 ug(Cr(VI))/m3 NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7600
CHROMIUM, ION (Cr(sup 6 +)) (8CI,9CI) see: GB6262000

BEST COPY AVAILABLE

CHROMIUM (2 +) ION see: GB6260000
CHROMIUM (III) ION see: GB6261000
CHROMIUM ION (3 +) see: GB6261000
CHROMIUM(6 +) ION see: GB6262000
CHROMIUM LEAD OXIDE see: OF9800000
CHROMIUM LITHIUM OXIDE see: GB2915000
CHROMIUM NITRATE see: GB6280000

GB6280000 CHROMIUM(III) NITRATE
UPDT:8312 CAS: 13548-38-4 MW: 238.03 MOLFM: Cr-N3-O9
SYN: CHROMIC NITRATE * CHROMIUM NITRATE * CHROMIUM (3 +) NITRATE * CHROMIUM TRINITRATE * NITRIC ACID, CHROMIUM (3 +) SALT * UN 2720 (DOT)

MUTATION DATA AND REFERENCES:

mmo-sat 13937 ug/plate	CRNGDP 3,1331,82
mrc-bcs 160 mmol/L	MUREAV 58,175,78
cyt-ham:ovr 50 mg/L	CRNGDP 3,1331,82
sce-ham:ovr 50 mg/L	CRNGDP 3,1331,82

REVIEW AND REFERENCES:

★ TLV-TWA 500 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 — FEREAC 39,23540,74
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CHROMIUM (3 +) NITRATE see: GB6280000
CHROMIUM NITRATE NONAHYDRATE see: GB6300000

GB6300000 CHROMIUM(III) NITRATE, NONAHYDRATE (1:3:9)
UPDT:8307 CAS: 7789-02-8 MW: 400.21 MOLFM: N3-O9-Cr-9H2-O
SYN: CHROMIC NITRATE NONAHYDRATE * CHROMIUM NITRATE NONAHYDRATE * CHROMIUM TRINITRATE NONAHYDRATE * NITRIC ACID, CHROMIUM(3 +) SALT, NONAHYDRATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:3250 mg/kg	AIHAAP 30,470,69

REVIEW AND REFERENCES:

★ TLV-TWA 500 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 — FEREAC 39,23540,74

CHROMIUM ORANGE see: OF9800000
CHROMIUM ORTHOPHOSPHATE see: GB6840000
CHROMIUM OXIDE see: GB6475000
CHROMIUM OXIDE see: GB6650000
CHROMIUM III OXIDE see: GB6475000
CHROMIUM(3 +) OXIDE see: GB6475000

GB6475000 CHROMIUM(III) OXIDE (2:3)
UPDT:8408 CAS: 1308-38-9 MW: 152.00 MOLFM: Cr2-O3
SYN: ANADOMIS GREEN * ANADONIS GREEN * ANHYDRIDE CHROMIQUE (French) * CASALIS GREEN * CHROME GREEN * CHROME OCHRE * CHROME OXIDE * CHROME OXIDE GREEN * CHROME OXIDE GREEN GN-M * CHROME OXIDE PIGMENT * CHROME OXIDE X1134 * CHROMIA * CHROMIC ACID GREEN * CHROMIC OXIDE * CHROMIUM III OXIDE * CHROMIUM OXIDE * CHROMIUM(3 +) OXIDE * CHROMIUM OXIDE GREEN * CHROMIUM OXIDE PIGMENT * CHROMIUM OXIDE X1134 * CHROMIUM SESQUIOXIDE * CHROMIUM(3 +) TRIOXIDE * C.I. 77288 * C.I. No.77278 * C.I. PIGMENT GREEN 17 * DICHROMIUM TRIOXIDE * 11661 GREEN * GREEN CHROME OXIDE * GREEN CHROMIC OXIDE * GREEN CHROMIUM OXIDE * GREEN CINNABAR * GREEN OXIDE of CHROMIUM * GREEN OXIDE of CHROMIUM OC-31 * GREEN ROUGE * GUIGNET'S GREEN * LEAF GREEN * LEVANOX GREEN GA * LEVANOX GREEN GA (HYDRATED CHROMIC OXIDE) * OIL GREEN * OXIDE of CHROMIUM * PURE CHROMIUM OXIDE GREEN 59 * ULTRAMARINE GREEN

MUTATION DATA AND REFERENCES:

mmo-sat 10 ug/plate	DCTODJ 4,185,81
mrc-bcs 10 nmol/L	MUREAV 77,109,80
sce-ham:lng 34 mg/L	CRNGDP 4,605,83

TUMORIGENIC DATA AND REFERENCES:

3V03J60M61	ipr-rat TDLo:90 mg/kg	VOONAW 13(11),57,67
3V03J60V10	ipl-rat TDLo:45 mg/kg	VOONAW 13(11),57,67
3V03J60V10	itr-rat TDLo:90 mg/kg	VOONAW 13(11),57,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71; 85DHAX Cr,22,74
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 23,205,80
★ TLV-TWA 500 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 — FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHROMIUM (VI) OXIDE see: GB6650000

GB6650000 CHROMIUM(VI) OXIDE (1:3)
UPDT:8408 CAS: 1333-82-0 MW: 100.00 MOLFM: Cr-O3
SYN: ANHYDRIDE CHROMIQUE (French) * ANIDRIDE CROMICA (Italian) * CHROME (TRIOXYDE DE) (French) * CHROMIC ACID * CHROMIC ACID, SOLID * CHROMIC ACID, SOLID (DOT) * CHROMIC ACID, solution (DOT) * CHROMIC ANHYDRIDE * CHROMIC ANHYDRIDE (DOT) * CHROMIC TRIOXIDE * CHROMIC TRIOXIDE (DOT) * CHROMIC (VI) ACID * CHROMIUM OXIDE * CHROMIUM TRIOXIDE * CHROMIUM(6 +) TRIOXIDE * CHROMIUM TRIOXIDE, anhydrous (DOT) * CHROMIUM (VI) OXIDE * CHROMSAEUREANHYDRID (German) * CHROMTRIOXID (German) * CHROOMTRIOXYDE (Dutch) * CHROOMZUURANHYDRIDE (Dutch) * CROMO(TRIOSSIDO DI) (Italian) * MONOCHROMIUM OXIDE * MONOCHROMIUM TRIOXIDE * NA 1463 (DOT) * PURATRONIC CHROMIUM TRIOXIDE * UN 1463 (DOT) * UN 1755 (DOT)

MUTATION DATA AND REFERENCES:

mmo-sat 1 mmol/L	TOLEDS 8,195,81
mma-sat 10 ug/plate	AEMIDF 33,805,77
dnr-sat 50 mmol/L	TOLEDS 7,439 11
dnd-esc 5 mmol/L	CNREA8 40,2455,80
dnr-bcs 50 mmol/L	TOLEDS 7,439,81
mrc-bcs 16 mmol/L	MUREAV 58,175,78
cyt-hmn:leu 2 mg/L	SAIGBL 18,136,76
cyt-mus:mmr 1 umol/L/48H	MUREAV 67,221,79
cyt-ham:emb 3500 ug/L/24H	MUREAV 46,87,77
cyt-ham:ovr 250 ug/L	TXCYAC 17,219,80
sce-ham:ovr 250 ug/L	TXCYAC 17,219,80
sce-ham:fbr 320 ug/L	MUREAV 104,141,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T55T43T41	ivn-ham TDLo:5 mg/kg (8D preg)	ENVRAL 16,101,78
3T25T34T46	ivn-ham TDLo:7500 ug/kg (8D preg)	ENVRAL 16,101,78
2T25T55	ivn-ham TDLo:7500 ug/kg (8D preg)	TJADAB 9,A17,74
1T45	ivn-ham TDLo:8 mg/kg (8D preg)	ANREAK 199,89A,81

TUMORIGENIC DATA AND REFERENCES:

3V01D09J60	ihl-hmn TCLo:110 ug/m3/3Y-C	AGGHAR 13,528,55
2V01V10	imp-rat TDLo:125 mg/kg	AIHAAP 20,274,59

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:29 mg/kg	CRNGDP 4,1535,83
	scu-dog LDLo:330 mg/kg	27ZWAY 3,3,1521,-

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cr,22,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 23,205,80
★ CARCINOGENIC REVIEW:INDEFINITE — IARC** 2,100,73
★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80
★ TLV-CARCINOGEN — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 (SCP-O) — FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER, solid — CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M — NTIS**

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0578-0151
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHROMIUM OXIDE GREEN see: GB6475000
CHROMIUM OXIDE, NICKEL OXIDE and IRON OXIDE FUME see: NO7450000
CHROMIUM OXIDE PIGMENT see: GB6475000
CHROMIUM OXIDE X1134 see: GB6475000
CHROMIUM OXYCHLORIDE see: GB5775000
CHROMIUM OXYCHLORIDE (DOT) see: GB5775000

GB6840000 CHROMIUM PHOSPHATE
UPDT:8307 CAS: 7789-04-0 MW: 150.00 MOLFM: Cr-H3-O4-P
SYN: ARNAUDON'S GREEN * ARNAUDON'S GREEN (HEMIHEPTAHYDRATE) * CHROMIC PHOSPHATE * CHROMIUM ORTHOPHOSPHATE * PHOSPHORIC ACID CHROMIUM (III) SALT * PHOSPHORIC ACID, CHROMIUM(3 +) SALT (1:1) * PLESSY'S GREEN (HEMIHEPTAHYDRATE)

REVIEW AND REFERENCES:

★ TLV-TWA 500 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 — FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CHROMIUM POTASSIUM SULFATE see: GB6845000

GB6845000 CHROMIUM POTASSIUM SULFATE (1:1:2)
UPDT:8307 CAS: 10141-00-1 MW: 287.26 MOLFM: Cr-2H2-O4-S-K
SYN: 0% BASICITY CHROME ALUM * CHROME ALUM * CHROME POTASH ALUM * CHROMIC POTASSIUM SULFATE * CHROMIC POTASSIUM SULPHATE * CHROMIUM POTASSIUM SULFATE * CHROMIUM POTASSIUM SULPHATE * CRYSTAL CHROME ALUM * POTASSIUM CHROMIC SULFATE * POTASSIUM CHROMIC SULPHATE * POTASSIUM CHROMIUM ALUM * POTASSIUM DISULPHATOCHROMATE (III) * SULFURIC ACID, CHROMIUM(3 +) POTASSIUM SALT (2:1:1)

MUTATION DATA AND REFERENCES:

cyt-ham:ovr 1 mg/L	CRNGDP 3,1331,82
sce-ham:ovr 1 mg/L	CRNGDP 3,1331,82

REVIEW AND REFERENCES:

★ TLV-TWA 500 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 — FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

GB6850000 CHROMIUM(III) POTASSIUM SULFATE (1:1:2), DODECAHYDRATE
UPDT:8401 CAS: 7788-99-0 MW: 499.41 MOLFM: Cr-K-O8-S2-12H2-O
SYN: CHROME ALUM * CHROME ALUM (DODECAHYDRATE) * POTASSIUM CHROMIUM ALUM * SULFURIC ACID, CHROMIUM(3 +)POTASSIUM SALT(2:1:1), DODECAHYDRATE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:135 mg/kg	PBPHAW 14,47,78

TOXICITY DATA AND REFERENCES:

ivn-rat LD50:112 mg/kg	EQSSDX 1,1,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cr,22,74
★ TLV-TWA 500 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 — FEREAC 39,23540,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHROMIUM POTASSIUM SULPHATE see: GB6845000
CHROMIUM SESQUICHLORIDE see: GB5450000
CHROMIUM SESQUIOXIDE see: GB6475000
CHROMIUM SODIUM OXIDE see: GB2955000
CHROMIUM SODIUM OXIDE see: HX7700000
CHROMIUM SULFATE see: WS6985000
CHROMIUM SULFATE see: QO6800000
CHROMIUM SULFATE (2:3) see: GB7200000
CHROMIUM III SULFATE see: GB7200000

GB7200000 CHROMIUM (III) SULFATE (2:3)
UPDT:8308 CAS: 10101-53-8 MW: 392.18 MOLFM: O12-S3-2Cr
SYN: CHROMIC SULFATE * CHROMIC SULFATE (DOT) * CHROMIC SULPHATE * CHROMIUM III SULFATE * CHROMIUM SULFATE (2:3) * CHROMIUM SULPHATE * CHROMIUM SULPHATE (2:3) * C.I. 77305 * DICHROMIUM SULFATE * DICHROMIUM SULPHATE * DICHROMIUM TRISULFATE * DICHROMIUM TRISULPHATE * NA 9100 (DOT) * SULFURIC ACID, CHROMIUM(3 +) SALT (3:2)

MUTATION DATA AND REFERENCES:

oms-hmn:oth 500 mg/L	BJCAAI 44,219,81
cyt-hmn:oth 500 mg/L	BJCAAI 44,219,81
dni-ham:kdy 500 mg/L	BJCAAI 44,219,81
oms-ham:kdy 500 mg/L	BJCAAI 44,219,81
cyt-ham:ovr 25 mg/L	BJCAAI 44,219,81

TOXICITY DATA AND REFERENCES:

ivn-mus LDLo:85 mg/kg	AQMOAC #70-15,1970
ivn-rbt LDLo:215 mg/kg	EQSSDX 1,1,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cr,22,74
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 23,205,80
★ TLV-TWA 500 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
CHROMIUM SULFATE, BASIC see: QO6800000

GB7250000 CHROMIUM(III) SULFATE, HEXAHYDRATE (2:3:6)
UPDT:7901 CAS: 15005-90-0 MW: 500.30 MOLFM: Cr2-O12-S3-6H2-O
SYN: CHROMALUM, HEXAHYDRATE

TOXICITY DATA AND REFERENCES:

1F12	ivn-rat LDLo:144 mg/kg	AJPHAP 209,489,65

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cr,22,74
★ TLV-TWA 500 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 — FEREAC 39,23540,74

BEST COPY AVAILABLE

CHROMIUM(III), SULFATE (2:3), HYDRATE see: WS7070000
CHROMIUM SULFATE HYDRATE (2:3:18) see: WS7072000
CHROMIUM SULFATE, PENTADECAHYDRATE see: WS7080000
CHROMIUM SULPHATE see: GB7200090
CHROMIUM SULPHATE see: QO6800000
CHROMIUM SULPHATE (2:3) see: GB7200000
CHROMIUM TRIACETATE see: AG2975000
CHROMIUM TRIACETYLACETONATE see: GB7575000
CHROMIUM TRICHLORIDE see: GB5425000
CHROMIUM TRICHLORIDE HEXAHYDRATE see: GB5450000
CHROMIUM TRIFLUORIDE see: GB6125000
CHROMIUM TRINITRATE see: GB6280000
CHROMIUM TRINITRATE NONAHYDRATE see: GB6300000
CHROMIUM TRIOXIDE see: GB6650000
CHROMIUM(3+) TRIOXIDE see: GB6475000
CHROMIUM(6+) TRIOXIDE see: GB6650000
CHROMIUM TRIOXIDE, anhydrous (DOT) see: GB6650000
CHROMIUM TRIS(ACETYLACETONATE) see: GB7575000
CHROMIUM TRIS(BENZOYLACETONATE) see: GB7580000
CHROMIUM TRIS(2,4-PENTANEDIONATE) see: GB7575000
CHROMIUM, TRIS(2,4-PENTANEDIONATO)- (8CI) see: GB7575000
CHROMIUM, TRIS(2,4-PENTANEDIONATO-O,O')-, (OC-6-11)- (9CI) see: GB7575000

GB7575000 CHROMIUM(3+), TRIS(2,4-PENTANEDIONATO)-
UPDT:8307 CAS: 21679-31-2 MW: 349.36 MOLFM: C15-H21-Cr-O6
SYN: CHROMIC ACETYLACETONATE * CHROMIUM ACETYLACETONATE * CHROMIUM(3+) ACETYLACETONATE * CHROMIUM(III) ACETYLACETONATE * CHROMIUM TRIACETYLACETONATE * CHROMIUM TRIS(ACETYLACETONATE) * CHROMIUM TRIS(2,4-PENTANEDIONATE) * CHROMIUM TRIS(2,4-PENTANEDIONATO)- (8CI) * CHROMIUM, TRIS(2,4-PENTANEDIONATO-O,O')-, (OC-6-11)- (9CI) * TRIS(ACETYLACETONATO)CHROMIUM * TRIS(ACETYLACETONATO)CHROMIUM(III) * TRIS(2,4-PENTANEDIONATO)CHROMIUM

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3360 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:6350 mg/kg TXAPA9 28,313,74
REVIEW AND REFERENCES:
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 1 mg(Cr)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CHROMIUM, TRIS(1-PHENYL-1,3-BUTANEDIONATO)- (8CI) see: GB7580000
CHROMIUM, TRIS(1-PHENYL-1,3-BUTANEDIONATO-O,O')- (9CI) see: GB7580000

GB7580000 CHROMIUM(3+), TRIS(1-PHENYL-1,3-BUTANEDIONATO)-
UPDT:8109 CAS: 15632-36-3 MW: 535.57 MOLFM: C30-H27-Cr-O6
SYN: CHROMIUM TRIS(BENZOYLACETONATE) * CHROMIUM, TRIS(1-PHENYL-1,3-BUTANEDIONATO)- (8CI) * CHROMIUM, TRIS(1-PHENYL-1,3-BUTANEDIONATO-O,O')- (9CI) * TRIS(BENZOYLACETONATO)CHROMIUM * TRIS(1-PHENYL-1,3-BUTANEDIONO)CHROMIUM (III)

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#01651
REVIEW AND REFERENCES:
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 1 mg(Cr)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CHROMIUM YELLOW see: GB2975000
CHROMIUM ZINC OXIDE see: GB3290000

GB7595000 CHROMIUM ZINC OXIDE
UPDT:8307 CAS: 12018-19-8 MW: 233.37 MOLFM: Cr2-O4-Zn
SYN: ZINC CHROMATE * ZINC CHROMITE * ZINC CHROMIUM OXIDE
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,445,80
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,445,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-Cl 100 ug(CrO3)/m3 FEREAC 39,23540,74
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976
REPORTED IN EPA TSCA INVENTORY, 1983

CHROMIUM(6+) ZINC OXIDE HYDRATE (1:2:6:1) see: GB3260000
CHROMOCARD BLUE BLACK B see: QR2195000
CHROMOCOR see: DJ3100630
CHROMOFLAVINE see: AR9625000
CHROMOFLAVINE see: AR9660000
574-CHROMOGEN see: VM6830000
CHROMOL ORANGE R EXTRA see: VO5310000
CHROMOMYCIN see: RK4385000

GB7870000 CHROMOMYCIN A
UPDT:8308 CAS: 12709-53-8
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 mg/kg NIPDAD (35),1,78
CHROMOMYCIN A(sub 3) see: GB7875000

GB7875000 CHROMOMYCIN A3
UPDT:8405 CAS: 7059-24-7 MW: 1182.2-P MOLFM: C57-H82-O26
SYN: ABUKAMYCIN B * ANTIBIOTIC S 599 * CHROMOMYCIN A(sub 3) * NSC 38514 * TOYOMYCIN
MUTATION DATA AND REFERENCES:
dnd-esc 2 umol/L MUREAV 89,95,81
dni-omi 100 ug/L NNBYA7 232,142,71
cyt-mml-ath 50 umol/L CHDDAT 278,295,74
cyt-mml-ath 50 umol/L CHDDAT 278,295,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ipr-rat TDLo:250 ug/kg (1D male) HIKYAJ 12,1339,66
3726134142 scu-rat TDLo:125 ug/kg (6-10D preg) OSDIAF 14,107,65
1T02 scu-mus TDLo:500 ug/kg (1D male) JJPAAZ 10,64,60
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:250 ug/kg 8SERAY 2,1401,78
* ipr-mus LD50:2120 ug/kg 8SERAY 2,1401,78
* scu-mus LD50:2800 ug/kg NIIRDN 6,245,82
ivn-mus LD50:1850 ug/kg AVPCAQ 12,1,75
* ipr-dog LDLo:250 ug/kg 8SERAY 2,1401,78
ivn-dog LDLo:200 ug/kg TXAPA9 27,259,74
ivn-mky LDLo:330 ug/kg TXAPA9 27,259,74
* ipr-cat LDLo:250 ug/kg 8SERAY 2,1401,78
* ipr-rbt LDLo:250 ug/kg 8SERAY 2,1401,78
* ipr-mam LDLo:250 ug/kg 8SERAY 2,1401,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ABVPAF 5,447,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHROMOMYCIN SODIUM see: RK4385300
CHROMONAR HYDROCHLORIDE see: AG9500000

GB7895300 CHROMONE, 6-BENZYL-2-(DIETHYLAMINO)-
UPDT:8303 MW: 307.42 MOLFM: C20-H21-N-O2
SYN: 6-BENZYL-2-(DIETILAMMINO)CROMONE (Italian) * 6-BENZYL-2-(DIETHYLAMINO)-4H-1-BENZOPYRAN-4-ONE * 6-BENZYL-2-(DIETHYLAMINO)CHROMONE
TOXICITY DATA AND REFERENCES:
2A11F07 orl-mus LD50:400 mg/kg FRPSAX 37,582,82

GB7895310 CHROMONE, 8-BENZYL-2-(DIETHYLAMINO)-
UPDT:8310 MW: 307.42 MOLFM: C20-H21-N-O2
SYN: 8-BENZYL-2-(DIETILAMMINO)CROMONE (Italian) * 8-BENZYL-2-(DIETHYLAMINO)-4H-1-BENZOPYRAN-4-ONE * 8-BENZYL-2-(DIETHYLAMINO)CHROMONE
TOXICITY DATA AND REFERENCES:
2A11F07 orl-mus LD50:600 mg/kg FRPSAX 37,582,82

GB7895400 CHROMONE, 8-BENZYL-2-(DIMETHYLAMINO)
UPDT:8303 MW: 279.36 MOLFM: C18-H17-N-O2
SYN: 8-BENZYL-2-(DIMETILAMMINO)CROMONE (Italian) * 8-BENZYL-2-(DIMETHYLAMINO)-4H-1-BENZOPYRAN-4-ONE * 8-BENZYL-2-(DIMETHYLAMINO)CHROMONE
TOXICITY DATA AND REFERENCES:
2A11F07 orl-mus LD50:600 mg/kg FRPSAX 37,582,82

GB7937000 CHROMONE, 2-(DIETHYLAMINO)-6-PHENYL-
UPDT:8303 MW: 293.39 MOLFM: C19-H19-N-O2
SYN: 2-(DIETHYLAMINO)-6-PHENYL-4H-1-BENZOPYRAN-4-ONE * 2-(DIETHYLAMINO)-6-PHENYLCHROMONE * 2-(DIETILAMMINO)-6-FENILCROMONE (Italian)
TOXICITY DATA AND REFERENCES:
2A11F07 orl-mus LD50:600 mg/kg FRPSAX 37,582,82

GB7937010 CHROMONE, 2-(DIETHYLAMINO)-8-PHENYL-
UPDT:8303 MW: 293.39 MOLFM: C19-H19-N-O2
SYN: 2-(DIETHYLAMINO)-8-PHENYL-4H-1-BENZOPYRAN-4-ONE * 2-(DIETHYLAMINO)-8-PHENYLCHROMONE * 2-(DIETILAMMINO)-8-FENILCROMONE (Italian)
TOXICITY DATA AND REFERENCES:
2A11F07 orl-mus LD50:300 mg/kg FRPSAX 37,582,82

GB7945000 CHROMONE, 2,3-DIETHYL-8-(DIMETHYLAMINO)METHYL-7-HYDROXY-, HYDROCHLORIDE
UPDT:8405 CAS: 67195-63-5 MW: 311.84 MOLFM: C16-H21-N-O3-Cl-H
SYN: 2,3-DIETHYL-8-(DIMETHYLAMINO)METHYL-7-HYDROXYCHROMONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:22700 ug/kg JMPCAS 3,471,61

GB7994500 CHROMONE, 2-(DIMETHYLAMINO)-6-PHENYL-
UPDT:8303 MW: 265.33 MOLFM: C17-H15-N-O2
SYN: 2-(DIMETHYLAMINO)-6-PHENYL-4H-1-BENZOPYRAN-4-ONE * 2-(DIMETHYLAMINO)-6-PHENYLCHROMONE * 2-(DIMETILAMMINO)-6-FENILCROMONE (Italian)
TOXICITY DATA AND REFERENCES:
2A11F07 orl-mus LD50:600 mg/kg FRPSAX 37,582,82

GB7994510 CHROMONE, 2-(DIMETHYLAMINO)-8-PHENYL-
UPDT:8303 MW: 265.33 MOLFM: C17-H15-N-O2
SYN: 2-(DIMETHYLAMINO)-8-PHENYL-4H-1-BENZOPYRAN-4-ONE * 2-(DIMETHYLAMINO)-8-PHENYLCHROMONE * 2-(DIMETILAMMINO)-8-FENILCROMONE (Italian)
TOXICITY DATA AND REFERENCES:
2A11F07 orl-mus LD50:200 mg/kg FRPSAX 37,582,82

GB8146000 CHROMONE, 6-ETHYL-7-HYDROXY-3-(2-METHYLTHIAZOL-4-YL)-, ACETATE (ester)
UPDT:8306 MW: 329.39 MOLFM: C17-H15-N-O4-S
SYN: 6-ETHYL-7-HYDROXY-3-(2-METHYLTHIAZOL-4-YL)CHROMONE ACETATE (ester) * 3-(2-METHYL-4-THIAZOLYL)-6-ETHYL-7-ACETOXYCHROMANONE
TOXICITY DATA AND REFERENCES:
1Y37 ipr-mus LD50:3000 mg/kg PCJOAU 15,780,81

GB8170500 CHROMONE, 6-ETHYL-7-METHOXY-3-(2-METHYL-4-THIAZOLYL)-
UPDT:8308 CAS: 74527-41-6 MW: 301.38 MOLFM: C16-H15-N-O3-S
SYN: 4H-1-BENZOPYRAN-4-ONE, 6-ETHYL-7-METHOXY-3-(2-METHYL-4-THIAZOLYL)- * 6-ETHYL-7-METHOXY-3-(2-METHYL-4-THIAZOLYL)-4H-1-BENZOPYRAN-4-ONE * 6-ETHYL-7-METHOXY-3-(2-METHYL-4-THIAZOLYL)CHROMONE * 3-(2-METHYL-4-THIAZOLYL)-6-ETHYL-7-METHOXYCHROMANONE
TOXICITY DATA AND REFERENCES:
1Y37 ipr-mus LD50:3000 mg/kg PCJOAU 15,780,81

GB8171000 CHROMONE, 2-(ETHYLMETHYLAMINO)-6-PHENYL-
UPDT:8303 MW: 279.36 MOLFM: C18-H17-N-O2
SYN: 2-(ETHYLMETHYLAMINO)-6-PHENYL-4H-1-BENZOPYRAN-4-ONE * 2-(ETHYLMETHYLAMINO)-6-PHENYLCHROMONE * 2-(ETILMETILAMMINO)-6-FENILCROMONE (Italian)
TOXICITY DATA AND REFERENCES:
2A11F07 orl-mus LD50:600 mg/kg FRPSAX 37,582,82

GB8171010 CHROMONE, 2-(ETHYLMETHYLAMINO)-8-PHENYL-
UPDT:8303 MW: 279.36 MOLFM: C18-H17-N-O2
SYN: 2-(ETHYLMETHYLAMINO)-8-PHENYL-4H-1-BENZOPYRAN-4-ONE * 2-(ETHYLMETHYLAMINO)-8-PHENYLCHROMONE * 2-(ETILMETILAMMINO)-8-FENILCROMONE (Italian)
TOXICITY DATA AND REFERENCES:
2A11F07 orl-mus LD50:150 mg/kg FRPSAX 37,582,82

GB8173700 CHROMONE, 6-HEXYL-7-HYDROXY-3-(2-METHYLTHIAZOL-4-YL)-, ACETATE (ester)
UPDT:8306 MW: 385.51 MOLFM: C21-H23-N-O4-S
SYN: 6-HEXYL-7-HYDROXY-3-(2-METHYLTHIAZOL-4-YL)CHROMONE ACETATE (ester) * 3-(2-METHYL-4-THIAZOLYL)-6-HEXYL-7-ACETOXYCHROMANONE
TOXICITY DATA AND REFERENCES:
1Y37 ipr-mus LD50:3000 mg/kg PCJOAU 15,780,81
CHROMOSMON see: SO5600000
CHROMOSORB see: VV7309000
CHROMOSORB T see: KX4025000
CHROMOSULPHURIC ACID (DOT) see: WS6985000
CHROMOTRICHIA FACTOR see: DG1400000
anti-CHROMOTRICHIA FACTOR see: DG1400000
CHROMOTROPE FB see: QK1925000
CHROMOTROP FB see: QK1925000
CHROMOUS ACETATE see: AG3000000
CHROMOUS ACETATE MONOHYDRATE see: AG3000000
CHROMOUS CHLORIDE see: GB5250000
CHROMOUS CHLORIDE (DOT) see: GB5250000
CHROMOUS ION see: GB6260000
CHROMOXYCHLORID (German) see: GB5775000
CHROMSAEUREANHYDRID (German) see: GB6650000
CHROMTRIOXID (German) see: GB6650000
CHROMYLCHLORID (German) see: GB5775000
CHROMYL CHLORIDE see: GB5775000
CHROMYL CHLORIDE (DOT) see: GB5775000
CHRONAXIL see: UT4757000
CHRONICIN FOAM see: VM9650000
CHRONISULFAT (Germ.) see: WS6985000
CHROOMOXYCHLORIDE (Dutch) see: GB5775000
CHROOMTRIOXYDE (Dutch) see: GB6650000
CHROOMZUURANHYDRIDE (Dutch) see: GB6650000
CHRYSAMMIC ACID see: CB6750000
CHRYSAMMINIC ACID see: CB6750000
CHRYSANTHEMUMDICARBOXYLIC ACID MONOMETHYL ESTER PYRETHROLONE ESTER see: GZ0700000
CHRYSANTHEMUMMONOCARBOXYLIC ACID 6-CHLOROPIPERONYL ESTER see: GZ1452000
CHRYSANTHEMUM CINERARIAEFOLIUM see: UR4200000
CHRYSANTHEMUMIC ACID 6-CHLOROPIPERONYL ESTER see: GZ1452000
(+)-trans CHRYSANTHEMUMIC ACID ESTER of (+)-ALLETHROLONE see: GZ1950000

GB9590000 CHRYSANTHEMUM LEUCANTHEMUM Linn., extract
DEFinition: plant belonging to the family COMPOSITAE (HEBAB 6,232,68)
UPDT:8307

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:200 mg/kg IJEBA6 6,232,68
CHRYSANTHEMUM MONOCARBOXYLIC ACID PYRETHROLONE ESTER see: GZ1725000
CHRYSAORA QUINQUECIRRHA VENOM see: YX4183790
CIDREX see: DK9100000
CHRYSAZIN see: CB6650000

GC0500000 6-CHRYSENAMINE
UPDT:8401 CAS: 2642-98-0 MW: 243.32 MOLFM: C18H13N
SYN: 6-AMC * 6-AMINOCHRYSENE * CHRYSENE-6 * CHRYSONEX
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate PNASA6 72,5135,75
dnd-esc 25 umol/L MUREAV 89,95,81
dnr-bcs 20 uL/disc MUREAV 97,1,82
dns-rat-lvr 500 nmol/L ENMUDM 3,11,81
dnd-mus-ast 25 umol/L MUREAV 89,95,81
otr-ham-kdy 80 ug/L BJCAAI 37,873,78
TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:1100 gm/kg/39W-I FJCAAH 11,327,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC0700000 CHRYSENE
UPDT:8408 CAS: 218-01-9 MW: 228.30 MOLFM: C18H12
SYN: 1,2-BENZOPHENANTHRENE * BENZO(a)PHENANTHRENE * 1,2-BENZPHENANTHRENE * BENZ(a)PHENANTHRENE * 1,2,5,6-DIBENZONAPHTHALENE * RCRA WASTE NUMBER U050
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate PNASA6 72,5135,75
msc-hma-lym 6 umol/L DTESD7 10,277,82
msc-hmn-ath 12 umol/L MUREAV 130,127,84
dnd-mus-skn 192 umol/kg CRNGDP 5,231,84
msc-mus-orl 450 mg/kg MUREAV 48,249,77
otr-ham-kdy 25 ug/L TOLEDS 7,143,80
otr-ham-emb 5 mg/L IJCNAW 19,642,77
dnd-ham-emb 1 mg/L CRNGDP 3,1051,82
scc-ham-ipr 900 mg/kg/24H MUREAV 66,65,79
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:3600 ug/kg CNREA8 38,1831,78
2V03V10 scu-mus TDLo:200 mg/kg CNREA8 15,632,55
2V03R60 skn-mus TD 99 mg/kg/31W-I CNREA8 11,301,51
2V03R60 skn-mus TD 40 mg/kg 3W-I CCSUDL 1,325,76
2V03R60 skn-mus TD 3600 mg/kg 30W-I CANCAR 12,1079,59
2V02R60 skn-mus TD 23 mg/kg CNREA8 40,642,80
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACRSAJ 7,475,63; 85DHAX Pc,4,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,159,73
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 32,247,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHRYSENE-to be controlled as an occupational carcinogen
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHRYSENE, DIHYDRO- (9CI) see: GC0750000

GC0750000 CHRYSENE, 1,2-DIHYDRO-
UPDT:8401 CAS: 61592-31-1 MW: 230.32 MOLFM: C18H14
SYN: CHRYSENE, DIHYDRO- (9CI) * DIHYDROCHRYSENE * 1,2-DIHYDROCHRYSENE
TUMORIGENIC DATA AND REFERENCES:
3V01J60P62 ipr-mus TDLo:59 mg/kg/15D-I CNREA8 39,5063,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC0760000 CHRYSENE, 3,4-DIHYDRO-
UPDT:8401 MW: 230.32 MOLFM: C18H14
SYN: 3,4-DIHYDROCHRYSENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 ipr-mus TDLo:59 mg/kg/15D-I CNREA8 39,5063,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHRYSENE, 1,2-DIHYDRO-1,2-DIHYDROXY-5-METHYL- see: GC1170000
CHRYSENE, 7,8-DIHYDRO-7,8-DIHYDROXY-5-METHYL- see: GC1175000

GC0800000 CHRYSENE, 3,4-DIHYDRO-1,11-DIMETHYL-
UPDT:8401 CAS: 52171-93-4 MW: 258.38 MOLFM: C20H18
SYN: 3,4-DIHYDRO-1,11-DIMETHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:120 mg/kg/50W-I CNREA8 34,1315,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHRYSENE 1,2-DIHYDRODIOL see: GC1150000

GC0875000 CHRYSENE, 1,2-DIMETHYL-
UPDT:8401 CAS: 15914-23-5 MW: 256.36 MOLFM: C20H16
SYN: 1,2-DIMETHYLCHRYSENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:800 mg/kg/33W-I PRLBA4 129,439,40
2V03J60 scu-mus TDLo:3200 mg/kg/48W-I PRLBA4 129,439,40
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:INDEFINITE IARC** 2,48,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC0895000 CHRYSENE, 1,11-DIMETHYL-
UPDT:8401 CAS: 52171-92-3 MW: 256.36 MOLFM: C20H16
SYN: 1,11-DIMETHYLCHRYSENE * 5,7-DIMETHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:120 mg/kg/50W-I CNREA8 34,1315,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC0970000 CHRYSENE, 4,5-DIMETHYL-
UPDT:8401 MW: 256.36 MOLFM: C20H16
SYN: 4,5-DIMETHYLCHRYSENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-mus TDLo:80 mg/kg CNREA8 3,606,43
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1050000 CHRYSENE, 5,6-DIMETHYL-
UPDT:8401 CAS: 3697-27-6 MW: 256.35 MOLFM: C20H16
SYN: 5,6-DIMETHYLCHRYSENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-mus TDLo:80 mg/kg CNREA8 3,606,43
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1080000 CHRYSENE, 5,11-DIMETHYL-
UPDT:8401 CAS: 14207-78-4 MW: 256.36 MOLFM: C20H16
SYN: 5,11-DIMETHYLCHRYSENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:400 ug/kg/20D-I CALEDQ 9,65,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1100000 CHRYSENE, 1,11-DIMETHYL-1,2,3,4-TETRAHYDRO-
UPDT:8401 CAS: 52171-94-5 MW: 260.40 MOLFM: C20H20
SYN: 1,11-DIMETHYL-1,2,3,4-TETRAHYDROCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:120 mg/kg/50W-I CNREA8 34,1315,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1150000 CHRYSENE-1,2-DIOL, 1,2-DIHYDRO-, (E)-(+-)-
UPDT:8401 CAS: 64920-31-6 MW: 262.32 MOLFM: C18H14O2
SYN: CHRYSENE 1,2-DIHYDRODIOL * trans-1,2-DIHYDROCHRYSENE-1,2-DIOL * trans-1,2-DIHYDROXY-1,2-DIHYDROCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 37500 pmol/plate BBRCA9 78,847,77
TUMORIGENIC DATA AND REFERENCES:
3V02J60L60 ipr-mus TDLo:67 mg/kg/15D-I CNREA8 39,5063,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1170000 1,2-CHRYSENEDIOL, 1,2-DIHYDRO-5-METHYL-
UPDT:8401 MW: 276.35 MOLFM: C19H16O2
SYN: CHRYSENE 1,2-DIHYDRO-1,2-DIHYDROXY-5-METHYL- * 1,2-DIHYDRO-1,2-DIHYDROXY-5-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 7200 pmol/plate CNREA8 38,2191,78
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:1200 ug/kg/18D-I CNREA8 40,1396,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1175000 7,8-CHRYSENEDIOL, 7,8-DIHYDRO-5-METHYL-
UPDT:8401 MW: 276.35 MOLFM: C19H16O2
SYN: CHRYSENE 7,8-DIHYDRO-7,8-DIHYDROXY-5-METHYL- * 7,8-DIHYDRO-7,8-DIHYDROXY-5-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 2700 pmol/plate CNREA8 38,2191,78
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:1200 ug/kg/18D-I CNREA8 40,1396,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1180000 CHRYSENEDIOL, 3,4-EPOXY-1,2,3,4-TETRAHYDRO-, (+-)-(E)-
UPDT:8401 MW: 246.32 MOLFM: C18H14O
SYN: trans-1,2-DIHYDROXY-anti-3,4-EPOXY-1,2,3,4-TETRAHYDROCHRYSENE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:20 mg/kg CNREA8 40,1981,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1200000 CHRYSENE-1,2-DIOL, 1,2,3,4-TETRAHYDRO-, (E)-
UPDT:8401 CAS: 73771-79-6 MW: 264.34 MOLFM: C18H16O2
SYN: trans-1,2-DIHYDROXY-1,2,3,4-TETRAHYDROCHRYSENE * trans-1,2,3,4-TETRAHYDROCHRYSENE-1,2-DIOL
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:42 mg/kg CNREA8 38,1831,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1203000 1-beta,2-alpha-CHRYSENEDIOL, 1,2,3,4-TETRAHYDRO-3-alpha,4-alpha-EPOXY-, (+-)-
UPDT:8401 MW: 278.32 MOLFM: C18H14O3
SYN: (+-)-1-beta,2-alpha-DIHYDROXY-3-alpha,4-alpha-EPOXY-1,2,3,4-TETRAHYDROCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate CNREA8 39,4069,79
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 ipr-mus TDLo:72 mg/kg/15D-I CNREA8 39,5063,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1205000 1-beta,2-alpha-CHRYSENEDIOL, 1,2,3,4-TETRAHYDRO-3-beta,4-beta-EPOXY-, (+-)-
UPDT:8401 MW: 278.32 MOLFM: C18H14O3
SYN: (+-)-1-beta,2-alpha-DIHYDROXY-3-beta,4-beta-EPOXY-1,2,3,4-TETRAHYDROCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate CNREA8 39,4069,79
msc-ham-lng 1 nmol/plate CNREA8 39,4069,79
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 ipr-mus TDLo:72 mg/kg/15D-I CNREA8 39,5063,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHRYSENE 5,6-EPOXIDE see: GC1225000

GC1225000 CHRYSENE, 5,6-EPOXY-5,6-DIHYDRO-
UPDT:8401 CAS: 15131-84-7 MW: 244.30 MOLFM: C18H12O
SYN: CHRYSENE 5,6-EPOXIDE * CHRYSENE, K-REGION EPOXIDE * CHRYSENE 5,6-OXIDE * CHRYSENO(5,6-b)OXIRENE, 1a,11c-DIHYDRO- (9CI) * 5,6-EPOXY-5,6-DIHYDROCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate PNASA6 72,5135,75
dnr-esc 100 umol/L ZEKOBW 92,157,78
dns-esc 100 umol/L ZEKOBW 92,157,78
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:400 mg/kg/10W-I IJCNAW 2,500,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1227000 CHRYSENE, 1-FLUORO-4-METHYL-
UPDT:8401 CAS: 61738-05-7 MW: 260.32 MOLFM: C19H13F
SYN: 1-FLUORO-4-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate JMCMAR 21,38,78
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

GC1230000 CHRYSENE, 1-FLUORO-5-METHYL-
UPDT:8401 CAS: 64977-44-2 MW: 260.32 MOLFM: C19H13F
SYN: 1-FLUORO-5-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate JMCMAR 21,38,78

BEST COPY AVAILABLE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1200 ug/kg/20D-I CNREA8 38,1694,78
2V03R60 skn-mus TD :40 mg/kg/I CALEDQ 1,147,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1235000 CHRYSENE, 3-FLUORO-5-METHYL-
UPDT:8401 CAS: 64977-45-3 MW: 260.32 MOLFM: C19-H13-F
SYN: 3-FLUORO-5-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate JMCMAR 21,38,78
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

GC1240000 CHRYSENE, 6-FLUORO-5-METHYL-
UPDT:8401 CAS: 64977-46-4 MW: 260.32 MOLFM: C19-H13-F
SYN: 6-FLUORO-5-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate JMCMAR 21,38,78
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1200 ug/kg/20D-I CNREA8 38,1694,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1250000 CHRYSENE, 7-FLUORO-5-METHYL-
UPDT:8401 CAS: 64977-47-5 MW: 260.32 MOLFM: C19-H13-F
SYN: 7-FLUORO-5-METHYLCHRYSENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:4000 ug/kg/20D-I CNREA8 38,1694,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1260000 CHRYSENE, 9-FLUORO-5-METHYL-
UPDT:8401 CAS: 64977-48-6 MW: 260.32 MOLFM: C19-H13-F
SYN: 9-FLUORO-5-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate JMCMAR 21,38,78
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1200 ug/kg/20D-I CNREA8 38,1694,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1265000 CHRYSENE, 11-FLUORO-5-METHYL-
UPDT:8401 CAS: 64977-49-7 MW: 260.32 MOLFM: C19-H13-F
SYN: 11-FLUORO-5-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate JMCMAR 21,38,78
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1200 ug/kg/20D-I CNREA8 38,1694,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1270000 CHRYSENE, 12-FLUORO-5-METHYL-
UPDT:8401 CAS: 61413-38-5 MW: 260.32 MOLFM: C19-H13-F
SYN: 12-FLUORO-5-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate JMCMAR 21,38,78
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4 mg/kg/I CALEDQ 1,147,76
2V03R60 skn-mus TD :40 mg/kg/3W-I CCSUDL 1,325,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHRYSENE, K-REGION EPOXIDE see: GC1225000

GC1300000 CHRYSENE, 5-METHOXY-
UPDT:8401 CAS: 61413-39-6 MW: 258.33 MOLFM: C19-H14-O
SYN: 5-METHOXYCHRYSENE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:1200 ug/kg/I CALEDQ 1,147,76
2V03R60 skn-mus TD :40 mg/kg/3W-I CCSUDL 1,325,76
2V02R60 skn-mus TD :40 mg/kg/I CALEDQ 1,147,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1320000 CHRYSENE, 1-METHYL-
UPDT:8403 CAS: 3351-28-8 MW: 242.33 MOLFM: C19-H14
SYN: 1-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:40 mg/kg/3W-I CCSUDL 1,325,76
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,379,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1350000 CHRYSENE, 2-METHYL-
UPDT:8403 CAS: 3351-32-4 MW: 242.33 MOLFM: C19-H14
SYN: 2-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:40 mg/kg/3W-I CCSUDL 1,325,76
3V03R60V10 skn-mus TD :480 mg/kg/40W-I JNCIAM 53,1121,74
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 32,379,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1380000 CHRYSENE, 3-METHYL-
UPDT:8403 CAS: 3351-31-3 MW: 242.33 MOLFM: C19-H14
SYN: 3-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:40 mg/kg/3W-I CCSUDL 1,325,76
3V03R60V10 skn-mus TD :180 mg/kg/15W-I JNCIAM 53,1121,74
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 32,379,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1400000 CHRYSENE, 4-METHYL-
UPDT:8403 CAS: 3351-30-2 MW: 242.33 MOLFM: C19-H14
SYN: 4-METHYL CHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:40 mg/kg/3W-I CCSUDL 1,325,76
2V03V10 scu-mus TDLo:80 mg/kg CNREA8 3,606,43
3V03R60V10 skn-mus TD :660 mg/kg/55W-I JNCIAM 53,1121,74
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 32,379,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1575000 CHRYSENE, 5-METHYL-
UPDT:8403 CAS: 3697-24-3 MW: 242.33 MOLFM: C19-H14
SYN: 5-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate JMCMAR 21,38,78
dnd-mus-skn 467 umol/L CRNGDP 4,843,83
TUMORIGENIC DATA AND REFERENCES:
1V01 skn-mus TDLo:40 mg/kg/62W-I CCSUDL 1,147,76
2V01V10 scu-mus TDLo:20 mg/kg/20W-I CCSUDL 1,325,76
2V02R60 skn-mus TD :40 mg/kg/30W-I CCSUDL 1,325,76
3V03J60V10 scu-mus TD :80 mg/kg CNREA8 3,606,43
2V02R60 skn-mus TD :40 mg/kg/30W-I CCSUDL 1,325,76
3V03R60V10 skn-mus TD :132 mg/kg/11W-I JNCIAM 53,1121,74
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 32,379,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GC1750000 CHRYSENE, 6-METHYL-
UPDT:8403 CAS: 1705-85-7 MW: 242.33 MOLFM: C19-H14
SYN: 6-METHYLCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:40 mg/kg/3W-I CCSUDL 1,325,76
2V03V10 imp-mus TDLo:160 mg/kg/40W JNCIAM 2,241,41
3V03R60V10 skn-mus TD :240 mg/kg/20W-I JNCIAM 53,1121,74
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 32,379,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHRYSENE, 4,5-METHYLENE- see: GY0875000

GC1930000 CHRYSENE, 6-NITRO-
UPDT:8310 MW: 273.30 MOLFM: C18-H11-N-O2
SYN: 6-NITROCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 500 ug/plate MUREAV 91,321,81
mma-sat 500 ug/plate MUREAV 91,321,81
otr-ham:emb 3700 nmol/L CRNGDP 4,357,83
CHRYSENE 5,6-OXIDE see: GC1225000

GC1990000 CHRYSENE, 1,2,3,4-TETRAHYDRO-3,4-EPOXY-
UPDT:8401 MW: 246.32 MOLFM: C18-H14-O
SYN: 3,4-EPOXY-1,2,3,4-TETRAHYDROCHRYSENE
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate CNREA8 39,4069,79
msc-ham:lng 1 nmol/plate CNREA8 39,4069,79
TUMORIGENIC DATA AND REFERENCES:
3V02J60L60 ipr-mus TDLo:63 mg/kg/15D-I CNREA8 39,5063,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHRYSENEX see: GC0500000

GC2010000 1(2H)-CHRYSENONE, 3,4-DIHYDRO-
UPDT:8403 CAS: 63642-50-2 MW: 246.32 MOLFM: C18-H14-O
SYN: 3,4-DIHYDRO-1(2H)-CHRYSENONE * 1,2,3,4-TETRAHYDROCHRYSENE-1-ONE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CNREA8 36,4525,76
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

GC2015000 1(2H)-CHRYSENONE, 3,4-DIHYDRO-11-METHYL-
UPDT:8308 MW: 260.35 MOLFM: C19-H16-O
SYN: 11-METHYL-3,4-DIHYDRO-1(2H)-CHRYSENONE
MUTATION DATA AND REFERENCES:
msc-ham:lng 500 ug/L CNREA8 43,984,83

GC2050000 CHRYSEN-1-ONE, 1,2,3,4-TETRAHYDRO-11-METHYL-
UPDT:8401 CAS: 27343-29-9 MW: 260.35 MOLFM: C19-H16-O
SYN: 11-METHYL-1-OXO-1,2,3,4-TETRAHYDROCHRYSENE * 1,2,3,4-TETRAHYDRO-11-METHYLCHRYSEN-1-ONE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CNREA8 36,4525,76
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:62 mg/kg/26W-I CNREA8 33,832,73
2V02R60 skn-mus TD :65 mg/kg/27W-I CNREA8 34,1315,74
3V03R60V10 skn-mus TD :16 mg/kg/4D-C BJCAAI 38,148,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CHRYSENO(5,6-b)OXIRENE, 1a,11c-DIHYDRO- (9CI) see: GC1225000
CHRYSERIOL see: LK9278000
alpha-CHRYSIDINE see: CU2975000
CHRYSODERMOL see: CB1225000
CHRYSOERIOL see: LK9278000
CHRYSOFLUORENE see: DF6382000
CHRYSOIDIN see: ST3380000
CHRYSOIDINE see: ST3380000
CHRYSOIDINE (II) see: ST3380000
CHRYSOIDINE A see: ST3380000
CHRYSOIDINE B see: ST3380000
CHRYSOIDINE C CRYSTALS see: ST3380000
CHRYSOIDINE CRYSTALS see: ST3380000
CHRYSOIDINE G see: ST3380000
CHRYSOIDINE GN see: ST3380000
CHRYSOIDINE GS see: ST3380000
CHRYSOIDINE HR see: ST3380000
CHRYSOIDINE J see: ST3380000
CHRYSOIDINE M see: ST3380000
CHRYSOIDINE ORANGE see: ST3380000
CHRYSOIDINE PRL see: ST3380000
CHRYSOIDINE PRR see: ST3380000

BEST COPY AVAILABLE

CHRYSOIDINE SL see: ST3380000
CHRYSOIDINE SPECIAL (BIOLOGICAL STAIN and INDICATOR) see: ST3380000
CHRYSOIDINE SS see: ST3380000
CHRYSOIDINE Y see: ST3380000
CHRYSOIDINE Y BASE NEW see: ST3380000
CHRYSOIDINE Y CRYSTALS see: ST3380000
CHRYSOIDINE Y EX see: ST3380000
CHRYSOIDINE YGH see: ST3380000
CHRYSOIDINE YL see: ST3380000
CHRYSOIDINE YN see: ST3380000
CHRYSOIDINE Y SPECIAL see: ST3380000
CHRYSOIDIN FB see: ST3380000
CHRYSOIDIN Y see: ST3380000
CHRYSOIDIN YN see: ST3380000
CHRYSOMYKINE see: QI7750000
CHRYSON see: GZ1310000
CHRYSONEX see: GC0500000
CHRYSOTILE see: CI6475000
CHRYSOTILE A see: CI6475000
CHRYSRON see: GZ1310000
CHRYTEMIN see: HO1925000
CHRYZOIDYNA F.B. (Polish) see: ST3380000
CHS see: GX1800000
CHUANGHSINMYCIN see: XN3876900
CHUANGXINMYCIN see: XN3876900
CHUCHE AAM EXTRACT (Indian) see: OP1927700

GC2770000 CHUKRASIA TABULARIS Juss., stem bark extract
DEF:Indian plant belonging to the family MELIACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: MALAIBEMBU STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
3H30J30M10 ipr-mus LD50:250 mg/kg IJEBA6 12,512,74
CHUNKUNDI FRUIT and STEM EXTRACT (Indian) see: ZI0466400
CHUNKUNDI STEM and FRUIT EXTRACT (Indian) see: ZI0466400
CHURKI EXTRACT (Indian) see: XW7770000
CHURPIS EXTRACT (Indian) see: OH4745000
CHWASTOKS see: AG2625000
CHWASTOX see: AG1575000
CHWASTOX see: AG2625000
CHWASTOX 80 see: AG2625000
191C49 HYDROCHLORIDE see: BA6330000
CHYMAR see: GC3050000
CHYMEX see: DG3700000

GC3045600 CHYMOPAPAIN B
DEF:A proteolytic enzyme derived from the latex of the fruit of CARICA PAPAYA (DCTODJ 7,299,84)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1J30 ivn-rat LD50:92 mg/kg DCTODJ 7,299,84
1J30 ivn-mus LD50:82 mg/kg DCTODJ 7,299,84
CHYMOTEST see: GC3050000

GC3050000 CHYMOTRYPSIN
UPDT:8405 CAS: 9004-07-3
SYN: ALPHA CHYMAR * ALPHA-CHYMAR OPHTH * AVAZYME * CHYMAR * CHYMOTEST * alpha-CHYMOTRYPSIN * CHYMOTRYPSIN A * CHYMOTRYPSIN B * E.C. 3.4.4.5 * E.C. 3.4.4.6 * E.C. 3.4.21.1 * ENZEON * QUIMAR * QUIMOTRASE
TOXICITY DATA AND REFERENCES:
1R03 ipr-rat LD50:65100 ug/kg JAPMA8 39,42,50
" scu-rat LD50:250 mg/kg NIIRDN 6,202,82
" ivn-rat LD50:84 mg/kg NIIRDN 6,202,82
" ims-rat LD50:116 mg/kg NIIRDN 6,202,82
" scu-mus LD50:185 mg/kg NIIRDN 6,202,82
" ivn-mus LD50:89 mg/kg NIIRDN 6,202,82
" ims-mus LD50:104 mg/kg NIIRDN 6,202,82
3K30P01R03 ivn-rbt LD50:24000 unit/kg AIPTAK 106,164,56
3D07G30P01 ivn-gpg LDLo:50000 unit/kg AIPTAK 106,164,56
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
alpha-CHYMOTRYPSIN see: GC3050000
CHYMOTRYPSIN A see: GC3050000
CHYMOTRYPSIN B see: GC3050000
CI-2 see: OP1450000
C.I. 23 see: QK4250000
C.I. 27 see: QJ6500000
C.I. 79 see: QJ6825000
C.I. 258 see: QL5775000
CI 366 see: WN2800000
CI-379 see: UY4330000
CI395 see: TN2272600
CI-406 see: BV8060000
CI 440 see: CB4375000
C.I. 456 see: CV2450000
CI-473 see: CB4550000
CI 556 see: AE7175000
CI 581 see: GW1400000
CI-588 see: DW1750000
CI-628 see: UY1348500
C.I. 633 see: VN7885000
C.I. 640 see: UQ6400000
C.I. 671 see: BQ4550000
CI 673 see: AU6210000
CI-673 see: AU6200000
CI-705 see: VA3850000
CI-719 see: YV7120000
C.I. 749 see: BP3675000
C.I. 766 see: LM5425000
CI 775 see: UB2709000
CI-783 see: CB9395540
C.I. 925 see: SG1225000
C.I. 10305 see: TJ7875000
C.I. 10355 see: JJ7800000
C.I. 10385 see: DB5042500
C.I. 11000 see: BY8225000
C.I. 11020 see: BX7350000
C.I. 11021 see: CX9871000
C.I. 11025 see: BX5020000
C.I. 11160 see: XU8800000
C.I. 11270 see: ST3380000
C.I. 11285 see: ST2900000
C.I. 11380 see: QM4725000
C.I. 11390 see: QM5400000
C.I. 11741 see: EJ3645000
C.I. 11800 see: SM8300000
C.I. 11855 see: AC3662000
C.I. 11860 see: RJ7190000
C.I. 12055 see: QL4900000
C.I. 12075 see: QL3854000
C.I. 12085 see: QL3436000
C.I. 12100 see: QL5425000
C.I.12120 see: QK4247000
C.I. 12140 see: QL5830000
C.I. 12156 see: QL3675000
C.I. 12355 see: QJ1897000
C.I. 13020 see: DG8960000
C.I. 13025 see: DB6327000
C.I. 13065 see: DB7329500
C.I. 13390 see: QJ6300000
C.I. 14030 see: VO8310000
C.I. 14600 see: DB7085000
C.I. 14640 see: QK2195000
C.I. 14700 see: QK2705000
C.I. 14720 see: QK1925000
C.I. 15510 see: DB7084000 BENZENESULFONIC ACID, 4-[(2-HYDROXY-1-NAPHTHALENYL)AZO]-, MONOSODIUM SALT
C.I. 15985 see: QK2450000
C.I. 16045 see: QK2705000
C.I. 16150 see: QJ6825000
C.I. 16155 see: QJ8650000
C.I. 16185 see: QJ6550000
C.I. 16230 see: QJ6500000
C.I. 16255 see: QJ6530000
C.I. 18050 see: QJ6030000
C.I. 19140 see: UQ6400000
C.I. 20285 see: QK1575000
C.I. 21090 see: AR4580000
C.I. 22120 see: QK1400000
C.I. 22150 see: QK1296000
C.I. 22570 see: QK1420000
C.I. 22610 see: QJ6400000
C.I. 22910 see: BV3918000
C.I. 23060 see: DD0525000
C.I. 23285 see: QJ6478000
C.I. 23500 see: QK1765000
C.I. 23630 see: QJ6476000
C.I. 23635 see: QJ6475500
C.I. 23850 see: QJ6475000
C.I. 23860 see: QJ6440000
C.I. 24110 see: DD0875000
C.I. 24400 see: QJ6420000
C.I. 24401 see: GS2169000
C.I. 24410 see: QJ6430000
C.I. 26050 see: QM2850000
C.I. 26100 see: QK4250000
C.I. 26105 see: QL5775000
C.I. 28440 see: QJ5950000
C.I. 30145 see: GU3375000
C.I. 30235 see: QJ6160000
C.I. 30280 see: QJ6195050
C.I. 37020 see: SS9175000
C.I. 37025 see: BY8650000
C.I. 37030 see: BY6825000
C.I. 37035 see: BY7000000
C.I. 37040 see: BX1575000
C.I. 37077 see: XU2975000
C.I. 37085 see: XU5250000
C.I. 37105 see: XU8225000
C.I. 37107 see: XU3150000
C.I. 37115 see: BZ6500000
C.I. 37130 see: BZ7175000
C.I. 37200 see: BZ6900000
C.I. 37225 see: DC9625000
C.I. 37230 see: DD1225000
C.I. 37240 see: ST3180000
C.I. 37270 see: QM2100000
C.I. 37275 see: CB5075000
C.I. 37500 see: QL2975000
C.I. 40000 see: GD0197800
C.I. 41000 see: BY3675000
C.I. 42040 see: BP6825000
C.I. 42045 see: BP6830000
C.I. 42053 see: BQ4425000
C.I. 42085 see: BQ4375000
C.I. 42090 see: BQ4550000
C.I. 42095 see: BQ4900000
C.I. 42500 see: CX9850000
C.I. 42510 see: CX9855000
C.I. 42535 see: GC8425000
C.I. 42555 see: BO9000000
C.I. 42640 see: BQ1140000
C.I. 44050 see: QM4500000
C.I. 44090 see: BQ1150000
C.I. 45005 see: BQ1450000
C.I. 45160 see: DH0175000
C.I. 45170 see: BP3675000
C.I. 45380 see: LM5850000
C.I. 45405 see: LM5820000
C.I. 45430 see: LM5950000
C.I. 46000 see: AR9625000
C.I. 46005 see: AR7600000
CI 47000 see: GE5925000
CI-47031 see: NJ6475000
C.I. 50040 see: SG1400000
C.I. 50200 see: SG1630000
C.I. 50240 see: SG1623000
C.I. 50411 see: BP6385000
C.I. 50435 see: BP6385000
C.I. 52005 see: SP5660000
C.I. 52010 see: SO5550000
C.I. 52 015 (Czech) see: SO5600000
C.I. 52040 see: SG1225000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

C.I. 55005 see: DJ2620000
C.I. 56205 see: DE4098000
C.I. 58000 see: CB6580000
C.I. 58900 see: CX5083000
C.I. 59100 see: HO7030000
C.I. 60700 see: CB5740000
C.I. 61200 see: CB1050000
C.I. 64500 see: CB0540000
C.I. 73000 see: DU2988400
C.I. 73015 see: DU3000000
C.I. 75270 see: DJ2620000
C.I. 75450 see: GD2425100
C.I. 75460 see: CB7920600
C.I. 75480 see: QL8200000
C.I. 75490 see: QL8750000
C.I. 75500 see: QJ5775000
C.I. 75610 see: NR2392000
C.I. 75640 see: LK9275200
C.I. 75660 see: LK8749000
C.I. 75670 see: LK8750000
C.I. 75730 see: VM2975000
C.I. 75781 see: DU3000000
C.I. 76000 see: BW6650000
C.I. 76001 see: CY0875000
C.I. 76005 see: AD8225000
C.I. 76010 see: SS7875000
C.I. 76015 see: SS8850000
C.I. 76020 see: ST2975000
C.I. 76025 see: SS7700000
C.I. 76027 see: SS8800000
C.I. 76035 see: XS9625000
C.I. 76042 see: XS9700000
C.I. 76043 see: XT0524000
C.I. 76050 see: BZ8580500
C.I. 76051 see: ST2705000
C.I. 76060 see: SS8050000
C.I. 76061 see: ST0350000
C.I. 76065 see: SS8925000
C.I. 76070 see: ST3000000
C.I. 76075 see: ST0875000
C.I. 76085 see: ST3150000
C.I. 76500 see: UX1050000
C.I. 76505 see: VG9625000
C.I. 76515 see: UX2800000
C.I. 76520 see: SJ4950000
C.I. 76545 see: SJ4900000
C.I. 76555 see: SJ6303000
C.I. 76605 see: QL2800000
C.I. 77000 see: BD0330000
C.I. 77002 see: BD0940000
C.I. 77050 see: CC4025000
C.I. 77052 see: CC5650000
C.I. 77056 see: CC4900000
C.I. 77060 see: CC9450000
C.I. 77061 see: CC6125000
C.I. 77086 see: CG2638000
C.I. 77099 see: CQ8600000
C.I. 77103 see: CQ8760000
C.I. 77120 see: CR0600000
C.I. 77180 see: EU9800000
C.I. 77185 see: EU9810000
C.I. 77199 see: EV3150000
C.I. 77205 see: EV3180000
C.I. 77223 see: GB2800000
C.I. 77223 see: GB2750000
C.I. 77231 see: EW4150000
C.I. 77265 see: FF5250100
C.I. 77266 see: FF5800000
C.I. No.77278 see: GB6475000
C.I. 77288 see: GB6475000
C.I. 77295 see: GB5425000
C.I. 77305 see: GS7200000
C.I. 77320 see: GF8750000
C.I. 77322 see: GG2800000
C.I. 77323 see: GG2900000
C.I. 77400 see: GL5325000
C.I. 77402 see: GL8050000
C.I. 77410 see: GL6475000
C.I. 77601 see: OF9800000
C.I. 77622 see: OG3675000
C.I. 77480 see: MD5070000
C.I. 77491 see: NO7400000
C.I. 77575 see: OF7525000
C.I. 77577 see: OG1750000
C.I. 77578 see: OG5425000
C.I. 77580 see: OG0700000
C.I. 77600 see: GB2975000
C.I. 77605 see: QA4660000
C.I. 77610 see: OG0175000
C.I. 77620 see: OG2880000
C.I. 77630 see: OG4375000
C.I. 77640 see: OG4550000
CI 77718 see: WW2710000
C.I. 77726 see: OP0900000
C.I. 77727 see: OP0915000
C.I. 77728 see: OP0350000
C.I. 77755 see: SD6475000
C.I. 77760 see: OW8750000
C.I. 77764 see: OV8750000
CINDOMET see: NL3523000
C.I. 77775 see: QR5950000
C.I. 77777 see: QR8400000
C.I. 77779 see: QR6200000
C.I. 77795 see: TP2160000
C.I. 77805 see: VS7700000
C.I. 77820 see: VW3500000
C.I. 77864 see: XP8700000
C.I. 77891 see: XR2275000
C.I. 77938 see: YW2450000
C.I. 77940 see: YW1925000
C.I. 77945 see: ZG8600000
C.I. 77947 see: ZH4810000
C.I. 77955 see: GB3290000
C.I. 3/11855 see: AC3662000
C.I. 42535:2 see: GE4518000
C.I. 45380:2 see: LM5800000
C.I. NO. 46005:1 see: AR7600000
C.I. ACID BLUE 1 see: BP6830000
C.I. ACID BLUE 3 see: BP6830000
C.I. ACID BLUE 9 see: BQ4550000
C.I. ACID BLUE 74 see: DU3000000
C.I. ACID BLUE 92 see: QJ6300000
C.I. ACID BLUE 9, DIAMMONIUM SALT see: BQ4553000
C.I. ACID BLUE 9, DISODIUM SALT see: BQ4725000
C.I. ACID BLUE 1, SODIUM SALT see: BP6830000
C.I. ACID BLUE 92, TRISODIUM SALT see: QJ6300000
C.I. ACID GREEN 3 see: BQ4375000
C.I. ACID GREEN 5 see: BQ4900000
C.I. ACID GREEN 5, DISODIUM SALT see: BQ4900000
C.I. ACID GREEN 3, MONOSODIUM SALT see: BQ4375000
C.I. ACID GREEN 5G, MONOSODIUM SALT see: BQ1150000
C.I. ACID GREEN 3, SODIUM SALT see: BQ4375000
C.I. ACID ORANGE 3 see: DB5042500
C.I. ACID ORANGE 10 see: QJ6500000
C.I. ACID ORANGE 20 see: DB7085000
C.I. ACID ORANGE 52 see: DB6327000
C.I. ACID ORANGE 7 see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
C.I. ACID ORANGE 10, DISODIUM SALT see: QJ6500000
C.I. ACID ORANGE 7, MONOSODIUM SALT see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
C.I. ACID ORANGE 20, MONOSODIUM SALT see: DB7085000
C.I. ACID RED 1 see: QJ6030000
C.I. ACID RED 2 see: DG8960000
C.I. ACID RED 18 see: QJ6530000
C.I. ACID RED 26 see: QJ6825000
C.I. ACID RED 27 see: QJ6550000
C.I. ACID RED 51 see: LM5950000
C.I. ACID RED 87 see: LM5850000
C.I. ACID RED 92 see: LM5900000

GC5787480 C.I. ACID RED 97

UPDT.8305
SYN. ACID RED 97

MUTATION DATA AND REFERENCES:
mono-sal 125 ug/plate VHTODE 22,413,80

C.I. ACID RED 98 see: LM5820000
C.I. ACID RED 99 see: QJ6478000
C.I. ACID RED 114 see: QJ6475500
C.I. ACID RED 1, DISODIUM SALT see: QJ6030000
C.I. ACID RED 14, DISODIUM SALT see: QK1925000
C.I. ACID RED 26, DISODIUM SALT see: QJ6825000
C.I. ACID RED 87 see: LM5825000
C.I. ACID RED 99, DISODIUM SALT see: QJ6478000
C.I. ACID RED 114, DISODIUM SALT see: QJ6475500
C.I. ACID RED 18, TRISODIUM SALT see: QJ6530000
C.I. ACID RED 27, TRISODIUM SALT see: QJ6550000
C.I. ACID VIOLET 49 see: BQ1140000
C.I. ACID VIOLET 49 (Sodium Salt) see: BQ1140000
C.I. ACID YELLOW 7 see: DE4098000
C.I. ACID YELLOW 23 see: UQ6400000
C.I. ACID YELLOW 36 see: DB7329500
C.I. ACID YELLOW 42 see: DV3910000
C.I. ACID YELLOW 73 see: LM5425000
C.I. ACID YELLOW 42 DISODIUM SALT see: DV3910000
C.I. ACID YELLOW 36 MONOSODIUM SALT see: DB7329500
C.I. ACID YELLOW 23, TRISODIUM SALT see: UQ6400000
CIAFOS see: TF7600000
CIAMIN see: CI7650000
CIANATIL see: SN6950000
CIANATIL MALEATE see: SN7000000
CIANIDANOL see: DJ3450000
CIANTIL, MALEATE see: SN7000000
CIANURO DI SODIO (Italian) see: VZ7525000
CIANURO DI VINILE (Italian) see: AT5250000
C.I. AZOIC COUPLING COMPONENT 1 see: QL2975000
C.I. AZOIC COUPLING COMPONENT 107 see: XU3150000
C.I. AZOIC DIAZO COMPONENT 6 see: BY6650000
C.I. AZOIC DIAZO COMPONENT 7 see: BY6825000
C.I. AZOIC DIAZO COMPONENT 9 see: BX1575000
C.I. AZOIC DIAZO COMPONENT 11 see: XU5250000
C.I. AZOIC DIAZO COMPONENT 12 see: XU8225000
C.I. AZOIC DIAZO COMPONENT 13 see: BZ7175000
C.I. AZOIC DIAZO COMPONENT 21 see: BZ6900000
C.I. AZOIC DIAZO COMPONENT 22 see: ST3150000
C.I. AZOIC DIAZO COMPONENT 37 see: TX3675000
C.I. AZOIC DIAZO COMPONENT 37 see: BY7000000
C.I. AZOIC DIAZO COMPONENT 48 see: DD0875000
C.I. AZOIC DIAZO COMPONENT 112 see: DC9625000
C.I. AZOIC DIAZO COMPONENT 113 see: DD1225000
C.I. AZOIC DIAZO COMPONENT 114 see: QM1400000
C.I. AZOIC DIAZO COMPONENT 48, FAST BLUE B SALT see: DD0875000
C.I. AZOIC RED 83 see: BZ6720000
C.I. 111608 see: XU8800000
C.I. 410008 see: BY3500000
C.I. 460058 see: AR7600000
CIBA 34 see: KJ4555000
CIBA 570 see: TC2800000
CIBA 709 see: TC3850000
CIBA 1414 see: TC4375000
CIBA 1983 see: YS6125000
CIBA 2059 see: YT1575000
CIBA 2446 see: TE1575000
CIBA-3126 see: YS3325000
CIBA 5968 see: TH8925000
CIBA 5968 see: TH9000000
CIBA 8353 see: FC1925000
CIBA 8514 see: PC8575000
CIBA 8514 see: LQ4375000

BEST COPY AVAILABLE

CIBA 9295 see: BR8050000
CIBA 9491 see: TF0175000
CIBA 11925 see: SF8423000
CIBA 32644 see: NJ1050000
CIBA 12669A see: GH0800000
CIBA 34,647-Ba see: MW5084200
CIBA 39089-Ba see: UA5277000
CIBA 17309 BA see: BV8000000
CIBA 32644-BA see: NJ1050000
CIBA 34276 BA see: KJ4555000
CIBA 36278-BA see: XI0370000
CIBA C-768 see: TC2870000
CIBA C-776 see: TC2850000
CIBA C-2307 see: TC4025000
CIBA C-2428 see: TE1300000
CIBA C 7019 see: XY3280000
CIBA C-7824 see: FC4900000
CIBA-C8514 see: LQ4375000
CIBA C-9491 see: TF0175000
CIBA C-10015 see: FC1030000
CIBACETE DIAZO NAVY BLUE 2B see: DD0875000
CIBACETE YELLOW GBA see: AC3662000
CIBACET SAPPHIRE BLUE G see: CB0540000
CIBACET YELLOW GBA see: AC3662000
CIBACET YELLOW 2GC see: AC3662000
CIBACTHEN see: GM7900000
CIBA-GEIGY C-2307 see: TC4025000
CIBA-GEIGY C-9491 see: TF0175000
CIBA-GEIGY C-10015 see: FC1030000
CIBA-GEIGY GS 13005 see: TE2100000
CIBA-GEIGY GS 19851 see: DD2100000
CIBA 2330-Go see: HQ4029500 DIBENZ(b,f)(1,4)OXAZEPIN-11(10H)-ONE, 10-[3-(DIMETHYLAMINO)PROPYL]-2-NITRO-, MONOHYDROCHLORIDE
CIBA 7333 GO see: NX9106000
CIBA 34276 HYDROCHLORIDE see: KJ4555000
CIBANONE GOLDEN YELLOW see: HO7030000
C.I. BASIC BLUE 9 see: SO5600000
C.I. BASIC BLUE 17 see: SG1225000
C.I. BASIC GREEN 1 see: BP6825000
C.I. BASIC GREEN 1, SULFATE (1:1) see: BP6825000
C.I. BASIC ORANGE 2 see: ST3380000
C.I. BASIC ORANGE 3 see: ST3380000
C.I. BASIC ORANGE 14 see: AR7600000
C.I. BASIC ORANGE 2, MONOHYDROCHLORIDE see: ST3380000
C.I. BASIC RED 1 see: DH0175000
C.I. BASIC RED 2 see: SG1623000
C.I. BASIC RED 5 see: SG1400000
C.I. BASIC RED 1, MONOHYDROCHLORIDE see: DH0175000
C.I. BASIC RED 5, MONOHYDROCHLORIDE see: SG1400000
C.I. BASIC RED 9, MONOHYDROCHLORIDE see: CX9850000

GC8425000 C.I. BASIC VIOLET
UPDT.8306 CAS: 8004-87-3
SYN: BASIC VIOLET X * C.I. 42535 * C.I. BASIC VIOLET 1 * METHYL VIOLET * METHYL VIOLET 2B * METHYL VIOLET BB * METHYL VIOLET FN * METHYL VIOLET N * METHYL-VIOLETT (German) * PARIS VIOLET R * VIOLET POWDER H 7503

MUTATION DATA AND REFERENCES:
mmo-sat 320 ng/plate — MUREAV 89,21,81

TOXICITY DATA AND REFERENCES:
orl-mus LD50:105 mg/kg — ARZNAD 1,5,51
ipr-mus LD50:6 mg/kg — ARZNAD 1,5,51

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0282 0436

C.I. BASIC VIOLET 1 see: GC8425000
C.I. BASIC VIOLET 3 see: BO9000000
C.I. BASIC VIOLET 10 see: BP3675000
C.I. BASIC VIOLET 14 see: CX9855000
C.I. BASIC VIOLET 1, MOLYBDATETUNGSTATEPHOSPHATE (9Cl) see: GE4518000
C.I. BASIC VIOLET 14, FREE BASE see: ZE9705000
C.I. BASIC VIOLET 14, MONOHYDROCHLORIDE (8Cl) see: CX9855000
C.I. BASIC YELLOW 2 see: BY3675000
C.I. BASIC YELLOW 2, FREE BASE see: BY3500000
C.I. BASIC YELLOW 2, MONOHYDROCHLORIDE see: BY3675000
CIBA 13437 SU see: UF6125000
CIBA THIOCRON see: TE1575000
CIBAZOL see: WP2360000
CIC see: UU7785500

GC9152000 CICER ARIETINUM Linn., seed extract
DEF.Indian plant belonging to the family LEGUMINOSAE (IJEBA6 6,232,68)
UPDT.8302
SYN: CHANA SEED EXTRACT

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:700 mg/kg — IJEBA6 6,232,68

CI-628 CITRATE see: UY1348500
CICLIZINA see: TL6475000
CICLOBIOTIC see: QI9276000
CICLOESANO (Italian) see: GU6300000
CICLOESANOLO (Italian) see: GV7875000
CICLOESANONE (Italian) see: GW1050000
6-CICLOESIL-2,4-DINITR-FENOLO (Italian) see: SK6650000
1-CICLOESIL-3-p-TOLILSOLFONILUREA (Italian) see: YS7800000
CICLONIUM IODIDE see: TN4750000
CICLOPIROX ETHANOLAMINE SALT (1:1) see: UU7785500
CICLOPIROXOLAMIN see: UU7785500
CICLOPIROXOLAMINE see: UU7785500
CICLORAL see: YS4200000
CICLOSERINA (Italian) see: NY2975000
CICLOSOM see: TA0700000
CICLOSPASMOL see: OO8200000
CICP see: FD8050000
CICROTOIC ACID see: GU6940000
CIDAL see: VN6475000
CIDALON see: AJ6300000
CIDAMEX see: AC8225000
CIDANCHIN see: VB2360000
CIDANDOPA see: AY5600000
CIDEMUL see: AI7875000
C.I. DEVELOPER 1 see: UA9625000
C.I. DEVELOPER 4 see: VG9625000
C.I. DEVELOPER 5 see: QL2975000
C.I. DEVELOPER 13 see: SS8050000
C.I. DEVELOPER 15 see: ST3150000
C.I. DEVELOPER 17 see: BY7000000
CIDEX see: MA2450000
CIDIAL see: AI7875000
C.I. DIRECT BLACK 38 see: QJ6160000
C.I. DIRECT BLACK 38, DISODIUM SALT see: QJ6160000
C.I. DIRECT BLUE 1 see: QJ6430000
C.I. DIRECT BLUE 6 see: QJ6400000
C.I. DIRECT BLUE 14 see: QJ6475000
C.I. DIRECT BLUE 15 see: QJ6420000
C.I. DIRECT BLUE 53 see: QJ6440000
C.I. DIRECT BLUE 218 see: GS2169000
C.I. DIRECT BLUE 1, TETRASODIUM SALT see: QJ6430000
C.I. DIRECT BLUE 6, TETRASODIUM SALT see: QJ6400000
C.I. DIRECT BLUE 14, TETRASODIUM SALT see: QJ6475000
C.I. DIRECT BLUE 15, TETRASODIUM SALT see: QJ6420000
C.I. DIRECT BLUE 53, TETRASODIUM SALT see: QJ6440000
C.I. DIRECT BROWN see: GL7375000
C.I. DIRECT BROWN 78 see: BQ4550000
C.I. DIRECT BROWN 78, DIAMMONIUM SALT see: BQ4550000
C.I. DIRECT GREEN 1 see: QJ6195050
C.I. DIRECT RED 2 see: QK1765000
C.I. DIRECT RED 17 see: QK1296000
C.I. DIRECT RED 28 see: QK1400000
C.I. DIRECT RED 39 see: QJ6476000
C.I. DIRECT RED 28, DISODIUM SALT see: QK1400000

GD0196700 C.I. DIRECT RED 46, TETRASODIUM SALT
UPDT.8412 CAS: 6548-29-4 MW: 973.70 MOLFM: C32-H22-Cl2-N6-O12-S4 4Na

MUTATION DATA AND REFERENCES:
dns-rat-orl 100 mg/kg — ENMUDM 5,488,83
dns-rat-ivr 500 mg/L — ENMUDM 5,488,83

C.I. DIRECT VIOLET 1 see: QK1420000
C.I. DIRECT VIOLET 1, DISODIUM SALT see: QK1420000

GD0197800 C.I. DIRECT YELLOW 11
UPDT.8412 CAS: 1325-37-7
SYN: ATLANTIC STILBENE YELLOW GA * AZINE FAST YELLOW A * BENCIPAL FAST YELLOW X * BENZANIL YELLOW R * BENZO FAST YELLOW A * CALCOMINE YELLOW 2G * CHLORAZOL PAPER YELLOW R * CHROME LEATHER FAST YELLOW A * CHROME LEATHER YELLOW A * CHROME LEATHER YELLOW TG * C.I. 40000 * C.I. YELLOW II * CRESOTINE YELLOW A * DIAMINE FAST YELLOW * DIAZINE YELLOW R * DIAZOL FAST YELLOW A * DIPHENYL FAST YELLOW FA * DIPHENYL YELLOW G * DIRECT FAST YELLOW A * DIRECT FAST YELLOW AC * DIRECT FAST YELLOW R * DIRECT GOLDEN YELLOW 2G * DIRECT ORANGE G * DIRECT YELLOW A * DIRECT YELLOW F * DIRECT YELLOW G * DIRECT YELLOW II * DIRECT YELLOW K * DIRECT YELLOW MR * DIRECT YELLOW RN * DIRECT YELLOW STILBENE * DIRECT YELLOW T * DIRECT YELLOW TG * ERIE YELLOW F * ERIE YELLOW FP * ERIE YELLOW 2RF * ERIE YELLOW SR * FAST YELLOW A * FAST YELLOW G * FAST YELLOW R * FENAMIN YELLOW TP * FENAMIN YELLOW TR * FIXANOL YELLOW GS * HISPAMIN YELLOW F * IREDALE YELLOW RD * KANSAI DIRECT FAST YELLOW A * MANIL FAST YELLOW AN * NANKAI DIRECT FAST YELLOW A * NAPHTHALENE LEATHER YELLOW GL * NCI-C60888 * NIPPON FAST YELLOW A * PAPER YELLOW R EXTRA * PAPER YELLOW RF * PARAMINE FAST YELLOW R * PARAMINE YELLOW R * PARAMINE YELLOW RG * PEERAMINE STILBENE YELLOW GA * PHENO FAST YELLOW 95 * POLYCOR YELLOW R * STILBENE YELLOW G * STILBENE YELLOW GA-CF * STILBENE YELLOW GCB * STILBENE YELLOW GX * STILBENE YELLOW TK * STILBENE YELLOW TP * SUN YELLOW G * SUN YELLOW 3G * SUN YELLOW R * TETRODIRECT YELLOW A * TRISULFON YELLOW G * TRISULFON YELLOW GF * VONDACEL YELLOW RN * WOGENAL YELLOW GG * YELLOW EMB * YELLOW EMBI * ZOMINE YELLOW R

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

C.I. 45350 DISODIUM SALT see: LM5425000
C.I. DISPERSE BLACK 3 see: BX5020000
C.I. DISPERSE BLACK 6 see: DD0875000
C.I. DISPERSE BLACK 6 DIHYDROCHLORIDE see: DD1050000
C.I. DISPERSE BLUE 1 see: CB0540000
C.I. DISPERSE ORANGE 11 see: CB5740000
C.I. DISPERSE YELLOW 3 see: AC3662000
C.I. DISPERSE YELLOW 13 see: CX5083000
CIDOCETINE see: AB6825000
CIDOXEPIN HYDROCHLORIDE see: HQ4375000
C.I. FOOD BLACK 1, TETRASODIUM SALT see: QJ5950000
C.I. FOOD BLUE 1 see: DU3000000
C.I. FOOD BLUE 2 see: BQ4550000
C.I. FOOD BLUE 2 see: BQ4725000
C.I. FOOD BLUE 3 see: BP6830000
C.I. FOOD BLUE 1, DISODIUM SALT see: DU3000000
C.I. FOOD BROWN 1 see: DB5950000
C.I. FOOD BROWN 2 see: FZ1305000
C.I. FOOD BROWN 3 see: GK1575000
C.I. FOOD BROWN 3, DISODIUM SALT see: QK1575000
C.I. FOOD GREEN 1 see: BQ4375000
C.I. FOOD GREEN 2 see: BQ4900000
C.I. FOOD GREEN 3 see: BQ4425000
C.I. FOOD GREEN 4 see: BQ1150000
C.I. FOOD ORANGE 4 see: QJ6500000
C.I. FOOD RED 1 see: QK2705000
C.I. FOOD RED 3 see: QK1925000
C.I. FOOD RED 5 see: QJ6825000
C.I. FOOD RED 6 see: QJ6650000
C.I. FOOD RED 7 see: QJ6530000
C.I. FOOD RED 9 see: QJ6550000
C.I. FOOD RED 10 see: QJ6030000
C.I. FOOD RED 14 see: LM5950000
C.I. FOOD RED 15 see: BP3675000
C.I. FOOD RED 1, DISODIUM SALT see: QK2705000
C.I. FOOD RED 6, DISODIUM SALT see: QJ6650000
C.I. FOOD VIOLET 2 see: BQ1140000
C.I. FOOD YELLOW 3 see: QK2450000
C.I. FOOD YELLOW 4 see: UQ6400000
C.I. FOOD YELLOW 10 see: QM4725000
C.I. FOOD YELLOW 11 see: QM5400000
C.I. FOOD YELLOW 3, DISODIUM SALT see: QK2450000
CIGARETTE REFINED TAR see: WW8449500
CIGARETTE SMOKE CONDENSATE see: VX6615000
CIGARETTE TAR see: WW8449500
CIGNOLIN see: CB1225000
CIGTHRANOL see: CB1225000
CIH see: NS1245400
CI-IPC see: FD8050000
CILAG 61 see: PC3700000
C.I. 42535 LAKE see: GE4518000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CILEFA BLACK B see: QJ5950000
CILEFA BLUE R see: DU3000000
CILEFA ORANGE S see: QK2450000
CILEFA PINK B see: LM5950000
CILEFA PONCEAU 4R see: QJ6530000
CILEFA RUBINE 2B see: QJ6550000
CILEFA RUBINE R see: QK1925000
CILEFA YELLOW T see: UQ6400000
CILICAINE see: XH9450000
CILIFOR see: UU3675000
CILLA BLUE EXTRA see: CB0540000
CILLA FAST YELLOW G see: AC3662000
CILLA ORANGE R see: CB5740000
CILLENTA see: XH9425000
CILLORAL see: XH9400000
CILLORAL see: XH9700000
CILOPEN see: XH9400000
CIM see: HN9050000
CIMAGEL see: MD0875000
CIMETIDINE see: MF0035500
CIMETIDINE mixed with SODIUM NITRITE (1:1) see: MF0035550
CIMETIDINE mixed with SODIUM NITRITE (4:1) see: MF0035700
CIMEXAN see: WM8400000

GD2290220 CIMICIFUGA FOETIDA Linn., extract excluding roots
DEF Indian plant belonging to the family RANUNCULACEAE (IJEBA6 16,228,78)
UPDT 8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

C.I. MORDANT BLACK 3 see: QK2195000
C.I. MORDANT BLACK 3, MONOSODIUM SALT see: QK2195000
C.I. MORDANT ORANGE 1 see: VO5310000
C.I. MORDANT RED 11 see: CB6580000
C.I. MORDANT VIOLET 39, TRIAMMONIUM SALT (8CI) see: GU4800000
CINAMINE see: ZG0700000
CINANSERIN HYDROCHLORIDE see: GD7478000
CINARCAF see: GD8970000
CINARINE see: GD8970000
CINATABS see: ZG0700000
C.I. NATURAL BLUE 2 see: DU3000000
C.I. NATURAL BROWN 7 see: QJ5775000
C.I. NATURAL BROWN 8 see: OP0915000
C.I. NATURAL ORANGE 6 see: QL8200000
C.I. NATURAL RED 1 see: LK8750000

GD2425100 C.I. NATURAL RED 25
UPDT 8406 CAS: 60687-93-6
SYN: C.I. 75450 * LACCHAIC ACID * LAC DYE
MUTATION DATA AND REFERENCES:
cyt-ham:lng 1200 mg/L GMCRDC 27,95,81

C.I. NATURAL YELLOW 1 see: LK9276000
C.I. NATURAL YELLOW 8 see: LK8749000
C.I. NATURAL YELLOW 10 see: LK8750000
C.I. NATURAL YELLOW 11 see: LK8749000
C.I. NATURAL YELLOW 14 see: CB7920600
C.I. NATURAL YELLOW 16 see: QL8750000
C.I. NATURAL YELLOW 18 see: DR9866500
C.I. NATURAL YELLOW 10 & 13 see: LK8750000
CINCAINE CHLORIDE see: GD3325000
CINCAINE HYDROCHLORIDE see: GD3325000
CINCHOCAINE see: GD3150000
CINCHOCAINE HYDROCHLORIDE see: GD3325000
CINCHOCAINIUM CHLORIDE see: GD3325000
CINCHOL see: WJ2600000

GD2883000 CINCHONA LEDGERIANA Moens., leaf extract
DEF Indian plant belonging to the family RUBIACEAE (IJEBA6 11,43,73)
UPDT 8306
SYN: CINCHONA TREE LEAF EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

CINCHONAN-9-OL, (8-alpha,9R)- (9CI) see: GD2975000
CINCHONAN-9-OL, (9S)- (9CI) see: GD3500000
CINCHONAN-9-OL, 6'-METHOXY-, (8-alpha,9R)- (9CI) see: VA6020000
CINCHONAN-9-OL, 6'-METHOXY-, (9S)- see: VA4725000
CINCHONAN-9-OL, 6'-METHOXY-, DIHYDROCHLORIDE see: VA6478000
CINCHONA TREE LEAF EXTRACT see: GD2883000

GD2975000 CINCHONIDINE
UPDT 8406 CAS: 485-71-2 MW: 294.43 MOLFM: C19-H22-N2-O
SYN: CINCHONAN-9-OL (8-alpha,9R)- (9CI) * (-)-CINCHONIDINE * CINCHOVATINE * alpha-QUINIDINE * 2'-QUINUCLIDINEMETHANOL, alpha-4-QUINOLYL-5-VINYL-
TOXICITY DATA AND REFERENCES:
2F07F23 ipr-rat LD50:206 mg/kg APTOA6 4,265,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
(-)-CINCHONIDINE see: GD2975000

GD3150000 CINCHONINAMIDE, 2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)-
UPDT 8306 CAS: 85-79-0 MW: 343.52 MOLFM: C20-H29-N3-O2
SYN: 2-BUTOXY-N-(beta-DIETHYLAMINOETHYL)CINCHONINAMIDE * 2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)CINCHONINAMIDE * 2-BUTOXYQUINOLINE-4-CARBOXYLIC ACID DIETHYLAMINOETHYLAMIDE * alpha-BUTYLOXYCINCHONINIC ACID DIETHYLETHYLENEDIAMIDE * CINCHOCAINE * DERMACAINE * DIBUCAIN * DIBUCAINE * DIBUCAINE BASE * N-(2-(DIETHYLAMINO)ETHYL)-2-BUTOXYCINCHONINAMIDE * NUPERCAINAL * NUPERCAINE * 4-QUINOLINECARBOXAMIDE, 2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)- (9CI) * SOVCAINE
TOXICITY DATA AND REFERENCES:
orl-chd LDLo:50 mg/kg 34ZIAG -,209,69
ipr-rat LDLo:7 mg/kg TXAPA9 1,156,59
ipr-mus LD50:24500 ug/kg ARZNAD 10,925,60
scu-mus LD50:28500 ug/kg ARZNAD 10,925,60
ivn-mus LDLo:6 mg/kg JAPMA8 39,4,50
scu-rbt LD50:8500 ug/kg PSEBAA 29,368,32
ivn-rbt LD50:2500 ug/kg PSEBAA 29,368,32
scu-gpg LDLo:112 mg/kg PHREA7 12,190,32
unk-frg LDLo:4 mg/kg PHREA7 12,190,32
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 12,190,32
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GD3325000 CINCHONINAMIDE, 2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT 8408 CAS: 61-12-1 MW: 379.98 MOLFM: C20-H29-N3-O2 Cl-H
SYN: BENZOLIN * BENZOLIN HYDROCHLORIDE * BENZOLIN (LOCAL ANESTHETIC) * BUTOXYCINCHONINIC ACID DIETHYLETHYLENEDIAMIDE HYDROCHLORIDE * 2-N-BUTOXY-N-(2-DIETHYLAMINOETHYL)CINCHONINAMIDE HYDROCHLORIDE * 2-BUTOXY-N-(2-DIETHYLAMINOETHYL)CINCHONINAMIDE HYDROCHLORIDE * 2-BUTOXY-N-(2-DIETHYLAMINOETHYL)CINCHONINIC ACID AMIDE HYDROCHLORIDE * CINCAINE CHLORIDE * CINCAINE HYDROCHLORIDE * CINCHOCAINE HYDROCHLORIDE * CINCHOCAINIUM CHLORIDE * DIBUCAIN * DIBUCAINE * DIBUCAINE HYDROCHLORIDE * NUPERCAINE HYDROCHLORIDE * PERCAIN * PERCAINE * PERCAINE HYDROCHLORIDE * 4-QUINOLINECARBOXAMIDE, 2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE * SOVCAIN * SOVCAINE * SOVCAINE HYDROCHLORIDE * SOVKAIN * SOVOCAINE * SOVOCAINE HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 2% SEV ARZNAD 8,181,58
MUTATION DATA AND REFERENCES:
dnd-esc 15 umol/L MUREAV 89,95,81
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:30 mg/kg JPETAB 103,306,51
3F12F13J26 ipr-mus LD50:32 mg/kg AIPTAK 115,483,58
* scu-mus LD50:35 mg/kg OYYAA2 20,693,80
* ivn-mus LD50:5151 mg/kg JAPMA8 44,393,55
ivn-rbt LD50:2 mg/kg JPETAB 103,306,51
isp-rbt LDLo:2 mg/kg JPETAB 57,221,36
par-frg LDLo:55 mg/kg AEPPAE 166,437,32
orl-bwd LD50:42 mg/kg TXAPA9 21,315,72

GD3500000 CINCHONINE
UPDT 8406 CAS: 118-10-5 MW: 294.43 MOLFM: C19-H22-N2-O
SYN: CINCHONAN-9-OL (9S)- (9CI) * d-CINCHONINE * 2'-QUINUCLIDINEMETHANOL, alpha-4-QUINOLYL-5-VINYL- * 2'-QUINUCLIDINEMETHANOL, alpha-(5-VINYL-2-QUINOLYL)-
TOXICITY DATA AND REFERENCES:
3F12F13F17 ipr-rat LD50:152 mg/kg APTOA6 4,265,49
scu-mus LDLo:400 mg/kg AEPPAE 205,129,48
scu-frg LDLo:200 mg/kg AEPPAE 205,129,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
d-CINCHONINE see: GD3500000

GD3861000 CINCHONINIC ACID, 7-CHLORO-2-FORMYL-, AMIDINOHYDRAZONE
UPDT 8303 MW: 279.71 MOLFM: C11-H10-Cl-N5-O2
SYN: 7-CHLORO-2-FORMYLCINCHONINIC ACID AMIDINOHYDRAZONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

GD3861500 CINCHONINIC ACID, 7-CHLORO-2-FORMYL-, 2-(2-HYDROXYETHYL)HYDRAZONE, HYDROGENSULFATE (ester)
UPDT 8303 MW: 338.34 MOLFM: C13-H12-N3-O6-S
SYN: 7-CHLORO-2-FORMYLCINCHONINIC ACID 2-(2-HYDROXYETHYL)HYDRAZONE HYDROGENSULFATE (ester)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

GD3862000 CINCHONINIC ACID, 7-CHLORO-2-FORMYL-, 2-METHYLHYDRAZONE
UPDT 8303 MW: 263.70 MOLFM: C12-H10-Cl-N3-O2
SYN: 7-CHLORO-2-FORMYLCINCHONINIC ACID 2-METHYLHYDRAZONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

GD3862500 CINCHONINIC ACID, 7-CHLORO-2-FORMYL-, (5-NITRO-2-FUROYL)HYDRAZONE
UPDT 8303 MW: 388.74 MOLFM: C16-H9-Cl-N4-O6
SYN: 7-CHLORO-2-FORMYLCINCHONINIC ACID (5-NITRO-2-FUROYL)HYDRAZONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

GD3862700 CINCHONINIC ACID, 7-CHLORO-2-FORMYL-, OXIME
UPDT 8303 MW: 250.65 MOLFM: C11-H7-Cl-N2-O3
SYN: 7-CHLORO-2-FORMYLCINCHONINIC ACID OXIME
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

GD3862800 CINCHONINIC ACID, 7-CHLORO-2-FORMYL-, 3-THIOSEMICARBAZIDE
UPDT 8303 MW: 308.76 MOLFM: C12-H9-Cl-N4-O2-S
SYN: 7-CHLORO-2-FORMYLCINCHONINIC ACID 3-THIOSEMICARBAZIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

GD3865000 CINCHONINIC ACID, 2-FORMYL-, AMIDINOHYDRAZONE
UPDT 8303 MW: 257.28 MOLFM: C12-H11-N5-O2
SYN: 2-FORMYLCINCHONINIC ACID AMIDINOHYDRAZONE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:950 mg/kg RPTOAN 45,56,82

GD3865400 CINCHONINIC ACID, 2-FORMYL-, AMIDINOHYDRAZONE, MONOHYDRATE
UPDT 8305 MW: 275.30 MOLFM: C12-H11-N5-O2 H2-O
SYN: 4-QUINOLINECARBOXAMIDINOLYL-2-ALDEHYDE GUANYLHYDRAZONE MONOHYDRATE * 2-FORMYLCINCHONINIC ACID AMIDINOHYDRAZONE HYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:950 mg/kg PCJOAU 16,106,82

GD3866000 CINCHONINIC ACID, 2-FORMYL-, 2-ETHYLHYDRAZONE
UPDT 8303 MW: 243.29 MOLFM: C13-H13-N3-O2
SYN: 2-FORMYLCINCHONINIC ACID 2-ETHYLHYDRAZONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

GD3867000 CINCHONINIC ACID, 2-FORMYL-, 2-(2-HYDROXYETHYL)HYDRAZONE, HYDROGENSULFATE (ester)
UPDT 8303 MW: 339.35 MOLFM: C13-H13-N3-O6-S
SYN: 2-FORMYLCINCHONINIC ACID 2-(2-HYDROXYETHYL)HYDRAZONE HYDROGENSULFATE (ester)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

GD3867300 CINCHONINIC ACID, 2-FORMYL-, 2-METHYLHYDRAZONE
UPDT 8303 MW: 229.26 MOLFM: C12-H11-N3-O2
SYN: 2-FORMYLCINCHONINIC ACID 2-METHYLHYDRAZONE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

GD3867350 CINCHONINIC ACID, 2-FORMYL-, METHYLHYDRAZONE, MONOHYDRATE
UPDT 8305 MW: 247.28 MOLFM: C12-H11-N3-O2 H2-O
SYN: 2-FORMYLCINCHONINIC ACID METHYLHYDRAZONE HYDRATE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:105 mg/kg PCJOAU 16,106,82

GD3867400 CINCHONINIC ACID, 2-FORMYL-, (5-NITRO-2-FUROYL)HYDRAZONE
UPDT 8303 MW: 354.30 MOLFM: C16-H10-N4-O6
SYN: 2-FORMYLCINCHONINIC ACID (5-NITRO-2-FUROYL)HYDRAZONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

GD3867500 CINCHONINIC ACID, 2-FORMYL-, OXIME
UPDT 8303 MW: 216.21 MOLFM: C11-H8-N2-O3
SYN: 2-FORMYLCINCHONINIC ACID OXIME
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

GD3867600 CINCHONINIC ACID, 2-FORMYL-, OXIME, SODIUM SALT
UPDT 8303 MW: 238.19 MOLFM: C11-H7-N2-O3-Na
SYN: 2-FORMYLCINCHONINIC ACID OXIME SODIUM SALT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

BEST COPY AVAILABLE

GD3867650 CINCHONINIC ACID, 2-FORMYL-, 3-THIOCARBAZONE, MONOHYDRATE
UPDT:8305 MW: 275.30 MOLFM: C12-H11-N5-O2 H2-O
SYN: 2-FORMYLCINCHONINIC ACID 3-THIOCARBAZONE HYDRATE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:500 mg/kg PCJOAU 16,106,82

GD3867700 CINCHONINIC ACID, 2-FORMYL-, 3-THIOCARBOHYDRAZONE
UPDT:8303 MW: 289.34 MOLFM: C12-H11-N5-O2-S
SYN: 2-FORMYLCINCHONINIC ACID 3-THIOCARBOHYDRAZONE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:500 mg/kg RPTOAN 45,56,82

GD3867800 CINCHONINIC ACID, 2-FORMYL-, 3-THIOSEMICARBAZONE
UPDT:8303 MW: 274.32 MOLFM: C12-H10-N4-O2-S
SYN: 2-FORMYLCINCHONINIC ACID 3-THIOSEMICARBAZONE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:3200 mg/kg RPTOAN 45,56,82

GD3867820 CINCHONINIC ACID, 2-FORMYL-, 3-THIOSEMICARBAZONE, MONOHYDRATE
UPDT:8305 MW: 260.28 MOLFM: C12-H10-N4-O2 H2-O
SYN: 4-CARBOXYQUINOLYL-2-ALDEHYDE THIOSEMICARBAZONE MONOHYDRATE * 2-FORMYLCINCHONINIC ACID 3-THIOSEMICARBAZONE HYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3200 mg/kg PCJOAU 16,106,82

GD3867850 CINCHONINIC ACID, 2-FORMYL-, 3-THIOSEMICARBAZONE, SODIUM SALT
UPDT:8303 MW: 296.30 MOLFM: C12-H9-N4-O2-S Na
SYN: 2-FORMYLCINCHONINIC ACID 3-THIOSEMICARBAZONE SODIUM SALT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82

GD3900000 CINCHONINIC ACID, 3-HYDROXY-2-PHENYL-
UPDT:8311 CAS: 485-89-2 MW: 265.26 MOLFM: C16-H11-N-O3
SYN: CHINOXONE * FENIDRONE * HPC * 3-HYDROXYCINCHOPHEN * HYDROXYCINCHOPHENE * 3-HYDROXY-2-PHENYLCINCHONINIC ACID * 3-HYDROXY-2-PHENYL 4-QUINOLINECARBOXYLIC ACID * MAGNOFENYL * MAGNOPHENYL * OXINOFEN * OXYCINCHOPHEN * 4-QUINOLINECARBOXYLIC ACID, 3-HYDROXY-2-PHENYL- (9CI) * REUMARTRIL * SINTOFENE
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:400 mg/kg JHHBAI 86,89,50

GD4250000 CINCHONINIC ACID, 2-((2-THIOUREIDO)AMINO)-
UPDT:8303 MW: 282.31 MOLFM: C11-H10-N4-O2-S
SYN: 2-((2-THIOUREIDO)AMINO)CINCHONINIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg RPTOAN 45,56,82
CINCHOVATINE see: GD2975000

GD5610000 CINCUS ARGYRACANTHUS DC., extract excluding roots
DEF Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

GD5611000 CINCUS ARVENSIS Hoffm., extract excluding roots
DEF Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78
CINEB see: ZH3325000
CINENE see: OS8100000
1,8-CINEOL see: OS9275000
CINEOLE see: OS9275000
1,8-CINEOLE see: OS9275000
CINEPAZIDE MALEATE see: TM2785100
CINERIN I or II see: UR4200000
CINERIN I ALLYL HOMOLOG see: GZ1925000
CINERUBIN B see: QI9277700
CINERUBINE B see: QI9277700
CINGESTOL see: RC8961110
CINMETACIN see: NL3523000
CINMETHACIN see: NL3523000
CINNAMAL see: GD6475000

GD6475000 CINNAMALDEHYDE
UPDT:8412 CAS: 104-55-2 MW: 132.17 MOLFM: C9-H8-O
SYN: ACROLEIN, 3-PHENYL- * BENZYLIDENEACETALDEHYDE * CASSIA ALDEHYDE * CINNAMAL * CINNAMIC ALDEHYDE * CINNAMYL ALDEHYDE * NCI-C56111 * PHENYLACROLEIN * 3-PHENYLACROLEIN * 3-PHENYLPROPENAL * 3-PHENYL-2-PROPENAL * 2-PROPENAL, 3-PHENYL- (9CI) * ZIMTALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-hmn 40 mg/48H SEV FCTXAV 17,253,79
MUTATION DATA AND REFERENCES:
dni-mus:leu 31500 ug/L DCTODJ 6,521,83
oms-mus:leu 31500 ug/L DCTODJ 6,521,83
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:800 mg/kg/8W-I CNREAB 33,3069,73
TOXICITY DATA AND REFERENCES:
2F07K12 orl-rat LD50:2220 mg/kg FCTXAV 2,327,64
* orl-mus LD50:3400 mg/kg VPITAR 33,48,74
* ivn-mus LD50:75 mg/kg CSLNX* NX#07571
par-mus LDLo:200 mg/kg CRCCT* 7,687,55
1F24 orl-gpg LD50:1160 mg/kg FCTXAV 2,327,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DPIRDU 1(5),5,81
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GD6480000 CINNAMALDEHYDE, alpha-BROMO-
UPDT:8311 CAS: 5443-49-2 MW: 211.07 MOLFM: C9-H7-Br-O
SYN: ALPHABROCINE * B 37 * alpha-BROMOCINNAMALDEHYDE * alpha-BROMOCINNAMIC ALDEHYDE * 2-PROPENAL, 2-BROMO-3-PHENYL- (9CI)
MUTATION DATA AND REFERENCES:
mma-sat 5 nmol/plate MUREAV 110,1,83
mma-sat 120 nmol/plate MUREAV 110,1,83

GD6485000 CINNAMALDEHYDE, alpha-BUTYL-
UPDT:8305 CAS: 7492-44-6 MW: 188.29 MOLFM: C13-H16-O
SYN: BUTYL CINAMIC ALDEHYDE * alpha-BUTYLCINNAMALDEHYDE * alpha-BUTYLCINNAMIC ALDEHYDE * alpha-n-BUTYL-beta-PHENYLACROLEIN * HEXANAL, 2-(PHENYLMETHYLENE)- (9CI) * 2-(PHENYLMETHYLENE)HEXANAL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTXAV 18,657,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4400 mg/kg FCTXAV 18,657,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GD6489990 CINNAMALDEHYDE, alpha-CHLORO-
UPDT:8311 CAS: 18365-42-9 MW: 166.61 MOLFM: C9-H7-Cl-O
SYN: alpha-CHLOROCINNAMALDEHYDE * 2-PROPENAL, 2-CHLORO-3-PHENYL- (9CI)
MUTATION DATA AND REFERENCES:
mma-sat 30 nmol/plate MUREAV 110,1,83
mma-sat 360 nmol/plate MUREAV 110,1,83

GD6500000 CINNAMALDEHYDE, DIMETHYL ACETAL
UPDT:8305 MW: 178.25 MOLFM: C11-H14-O2
SYN: CINNAMIC ALDEHYDE DIMETHYL ACETAL * 3-PHENYL-2-PROPENAL DIMETHYL ACETAL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3700 mg/kg FCTXAV 13,747,75

GD6560000 CINNAMALDEHYDE, alpha-HEXYL-
UPDT:8305 CAS: 101-86-0 MW: 216.35 MOLFM: C15-H20-O
SYN: HEXYL CINNAMALDEHYDE * alpha-HEXYLCINNAMALDEHYDE * HEXYL CINNAMIC ALDEHYDE * alpha-HEXYLCINNAMIC ALDEHYDE * alpha-n-HEXYL-beta-PHENYLACROLEIN * OCTANAL, 2-(PHENYLMETHYLENE)-
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,915,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3100 mg/kg FCTXAV 12,915,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GD6590000 CINNAMALDEHYDE, o-METHOXY-
UPDT:8305 CAS: 1504-74-1 MW: 162.20 MOLFM: C10-H10-O2
SYN: o-METHOXY CINNAMALDEHYDE * 2-METHOXYCINNAMALDEHYDE * o-METHOXYCINNAMIC ALDEHYDE * beta-(o-METHOXYPHENYL)ACROLEIN * 2-PROPENAL, 3-(2-METHOXYPHENYL)-
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 13,845,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GD6600000 CINNAMALDEHYDE, alpha-METHYL-
UPDT:8305 CAS: 101-39-3 MW: 146.20 MOLFM: C10-H10-O
SYN: alpha-METHYLCINNAMALDEHYDE * METHYL CINNAMIC ALDEHYDE * alpha-METHYLCINNAMIC ALDEHYDE * alpha-METHYLCINNIMAL * 2-METHYL-3-PHENYL-2-PROPENAL * 2-PROPENAL, 2-METHYL-3-PHENYL- (9CI)
IRRITATION DATA AND REFERENCES:
skn-gpg 5%/2W MLD ADVEA4 58,121,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2050 mg/kg FCTXAV 13,853,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GD6825000 CINNAMALDEHYDE, alpha-PENTYL-
UPDT:8305 CAS: 122-40-7 MW: 202.32 MOLFM: C14-H18-O
SYN: AMYLCINNAMALDEHYDE * alpha-AMYL CINNAMALDEHYDE * AMYL CINNAMIC ALDEHYDE * alpha-AMYL CINNAMIC ALDEHYDE * alpha-AMYL-beta-PHENYLACROLEIN * FLOMINE * HEPTANAL, 2-BENZYLIDENE- * HEPTANAL, 2-(PHENYLMETHYLENE)- * JASMINALDEHYDE * alpha-PENTYLCINNAMALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-gpg 5%/2W MLD ADVEA4 58,121,78
TOXICITY DATA AND REFERENCES:
3D07D35F07 orl-rat LD50:3730 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GD6850000 CINNAMALDEHYDE, 3,4,5-TRIMETHOXY-
UPDT:8401 CAS: 34346-90-2 MW: 222.26 MOLFM: C12-H14-O4
SYN: 2-PROPENAL, 3-(3,4,5-TRIMETHOXYPHENYL)- * TMCA * 3,4,5-TRIMETHOXYCINNAMALDEHYDE
TUMORIGENIC DATA AND REFERENCES:
2V03M61 scu-rat TDLo:100 mg/kg JNCIAM 47,1037,71
3V03D09T61 mul-rat TDLo:250 mg/kg/7D-I BJCAAI 26,504,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GD6990000 CINNAMAMIDE, alpha-BENZAMIDO-N-(2-(DIETHYLAMINO)ETHYL)-2,4-DIMETHOXY-
UPDT:8312 MW: 425.58 MOLFM: C24-H31-N3-O4
SYN: alpha-BENZAMIDO-N-(2-(DIETHYLAMINO)ETHYL)-2,4-DIMETHOXYCINNAMAMIDE
TOXICITY DATA AND REFERENCES:
3A11F07F17 ipr-mus LD50:38 mg/kg JPMSAE 54,1750,65

GD6995000 CINNAMAMIDE, alpha-BENZAMIDO-N-(2-(DIETHYLAMINO)ETHYL)-3-METHOXY-
UPDT:8312 MW: 395.55 MOLFM: C23-H29-N3-O3
SYN: alpha-BENZAMIDO-N-(2-(DIETHYLAMINO)ETHYL)-3-METHOXYCINNAMAMIDE
TOXICITY DATA AND REFERENCES:
3A11F07F17 ipr-mus LD50:78 mg/kg JPMSAE 54,1750,65

GD6995500 CINNAMAMIDE, alpha-BENZAMIDO-N-(2-(DIETHYLAMINO)ETHYL)-4-METHOXY-
UPDT:8312 CAS: 3796-03-0 MW: 395.55 MOLFM: C23-H29-N3-O3
SYN: BENZAMIDE, N-(1-((2-(DIETHYLAMINO)ETHYL)AMINO)CARBONYL)-2-(4-METHOXYPHENYL)ETHENYL)- (9CI) * alpha-BENZAMIDO-N-(2-(DIETHYLAMINO)ETHYL)-4-METHOXYCINNAMAMIDE
TOXICITY DATA AND REFERENCES:
3A11F07F17 ipr-mus LD50:153 mg/kg JPMSAE 54,1750,65

GD7000000 CINNAMAMIDE, alpha-BENZAMIDO-N-(2-(DIETHYLAMINO)ETHYL)-3,4,5-TRIMETHOXY-
UPDT:8401 CAS: 3796-01-8 MW: 455.61 MOLFM: C25-H33-N3-O5
SYN: BENZAMIDE, N-(1-((2-(DIETHYLAMINO)ETHYL)AMINO)CARBONYL)-2-(3,4,5-TRIMETHOXYPHENYL)ETHENYL)- * alpha-BENZAMIDO-N-(2-(DIETHYLAMINO)ETHYL)-3,4,5-TRIMETHOXYCINNAMAMIDE
TOXICITY DATA AND REFERENCES:
3A11F07F17 ipr-mus LD50:150 mg/kg JPMSAE 54,1750,65

GD7217000 CINNAMAMIDE, alpha-(p-CHLOROPHENOXY)-N-(2-(DIMETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8411 CAS: 28833-94-5 MW: 381.33 MOLFM: C19-H21-Cl-N2-O2 Cl-H
TOXICITY DATA AND REFERENCES:
1F13 orl-mus LDLo:800 mg/kg CHTPBA 8,284,73

GD7230550 CINNAMAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-alpha-(3,5-DIMETHOXYBENZAMIDO)-2,4-DIMETHOXY-
UPDT:8312 CAS: 3862-65-6 MW: 485.64 MOLFM: C26-H35-N3-O6
SYN: N-(2-(DIETHYLAMINO)ETHYL)-alpha-(3,5-DIMETHOXYBENZAMIDO)-2,4-DIMETHOXYCINNAMAMIDE
TOXICITY DATA AND REFERENCES:
3A11F07F17 ipr-mus LD50:145 mg/kg JPMSAE 54,1750,65

GD7230700 CINNAMAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-2-METHOXY-alpha-(3,4,5-TRIMETHOXYBENZAMIDO)-
UPDT:8312 MW: 485.64 MOLFM: C26-H35-N3-O6
SYN: N-(2-(DIETHYLAMINO)ETHYL)-2-METHOXY-alpha-(3,4,5-TRIMETHOXYBENZAMIDO)CINNAMAMIDE
TOXICITY DATA AND REFERENCES:
3A11F07F17 ipr-mus LD50:190 mg/kg JPMSAE 54,1750,65

GD7230750 CINNAMAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-3-METHOXY-alpha-(3,4,5-TRIMETHOXYBENZAMIDO)-
UPDT:8312 MW: 485.64 MOLFM: C26-H35-N3-O6
SYN: N-(2-(DIETHYLAMINO)ETHYL)-3-METHOXY-alpha-(3,4,5-TRIMETHOXYBENZAMIDO)CINNAMAMIDE
TOXICITY DATA AND REFERENCES:
3A11F07F17 ipr-mus LD50:93 mg/kg JPMSAE 54,1750,65

GD7230780 CINNAMAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-4-METHOXY-alpha-(3,4,5-TRIMETHOXYBENZAMIDO)-
UPDT:8312 MW: 485.64 MOLFM: C26-H35-N3-O6
SYN: N-(2-(DIETHYLAMINO)ETHYL)-4-METHOXY-alpha-(3,4,5-TRIMETHOXYBENZAMIDO)CINNAMAMIDE
TOXICITY DATA AND REFERENCES:
3A11F07F17 ipr-mus LD50:230 mg/kg JPMSAE 54,1750,65

BEST COPY AVAILABLE

GD7230950 CINNAMAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-alpha-(3,4,5-TRIMETHOXYBENZAMIDO)-3,4,5-TRIMETHOXY-
UPDT:8312 MW: 545.70 MOLFM: C28-H39-N3-O8
SYN: N-(2-(DIETHYLAMINO)ETHYL)-alpha-(3,4,5-TRIMETHOXYBENZAMIDO)-3,4,5-TRIMETHOXYCINNAMAMIDE
TOXICITY DATA AND REFERENCES:
3A11F07F17 ipr-mus LD50:375 mg/kg JPMSAE 54,1750,65

GD7290000 CINNAMAMIDE, N,N,DIMETHYL-3,4-METHYLENEDIOXY-
UPDT:8403 MW: 219.26 MOLFM: C12-H13-N-O3
SYN: 1,3-BENZODIOXOLE-5-ACRYLAMIDE, N,N-DIMETHYL- * N,N-DIMETHYL-3,4-METHYLENEDIOXYCINNAMAMIDE * DIMETILAMIDE dell'ACIDO 3-(3,4-METILENDIOSSIFENIL)PROPENOICO (Italian)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:74 mg/kg FRPSAX 38,811,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GD7292000 CINNAMAMIDE, N,N-DIMETHYL-3,4-METHYLENEDIOXYTHIO-
UPDT:8403 MW: 235.32 MOLFM: C12-H13-N-O2-S
SYN: 1,3-BENZODIOXOLE-5-ACRYLAMIDE, N,N-DIMETHYLTHIO- * N,N-DIMETHYL-3,4-METHYLENEDIOXYTHIOCINNAMAMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:890 mg/kg FRPSAX 38,811,83

GD7356100 CINNAMAMIDE, N,N-DIMETHYL-3,4,5-TRIMETHOXYTHIO-
UPDT:8403 MW: 281.40 MOLFM: C14-H19-N-O3-S
SYN: N,N-DIMETHYL-3,4,5-TRIMETHOXYTHIOCINNAMAMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:56 mg/kg FRPSAX 38,811,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GD7413000 CINNAMAMIDE, N-METHYL-3,4-METHYLENEDIOXYTHIO-
UPDT:8403 MW: 221.29 MOLFM: C11-H11-N-O2-S
SYN: 1,3-BENZODIOXOLE-5-ACRYLAMIDE, N-METHYLTHIO- * N-METHYL-3,4-METHYLENEDIOXYTHIOCINNAMAMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:230 mg/kg FRPSAX 38,811,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GD7468000 CINNAMANILIDE, 4'-BUTOXY-N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-
UPDT:8406 CAS: 20682-48-8 MW: 408.64 MOLFM: C26-H36-N2-O2
SYN: 4'-BUTOXY-N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYLCINNAMANILIDE * SA 167
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:930 mg/kg APFRAD 40,231,82

GD7469000 CINNAMANILIDE, N-(3-(DIETHYLAMINO)PROPYL)-2',6'-DIMETHYL-
UPDT:8406 CAS: 17307-21-0 MW: 364.58 MOLFM: C24-H32-N2-O
SYN: N-(3-(DIETHYLAMINO)PROPYL)-2',6'-DIMETHYLCINNAMANILIDE * SA 130
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:143 mg/kg APFRAD 40,231,82

GD7477000 CINNAMANILIDE, N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-
UPDT:8406 CAS: 18095-74-4 MW: 336.52 MOLFM: C22-H28-N2-O
SYN: N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYLCINNAMANILIDE * SA 67
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:370 mg/kg APFRAD 40,231,82

GD7477500 CINNAMANILIDE, N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-3,4,5-TRIMETHOXY-
UPDT:8406 CAS: 84308-97-4 MW: 400.61 MOLFM: C25-H34-N2-O4
SYN: N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-3,4,5-TRIMETHOXYCINNAMANILIDE * SA 251
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:183 mg/kg APFRAD 40,231,82

GD7478000 CINNAMANILIDE, 2'-((3-(DIMETHYLAMINO)PROPYL)THIO)-, MONOHYDROCHLORIDE
UPDT:8411 CAS: 54-84-2 MW: 376.98 MOLFM: C20-H24-N2-O-S Cl-H
SYN: CINANSERIN HYDROCHLORIDE * 2'-((3-(DIMETHYLAMINO)PROPYL)THIO)CINNAMANILIDE HYDROCHLORIDE * MAPTC * 2-PROPENAMIDE N-(2-((3-(DIMETHYLAMINO)PROPYL)THIO)PHENYL)-3-PHENYL-, MONOHYDROCHLORIDE * SQ 10,643
TOXICITY DATA AND REFERENCES:
2F12F17 orl-rat LD50:1500 mg/kg AIPTAK 152,132,64
2F12F17 orl-mus LD50:480 mg/kg AIPTAK 152,132,64
2F12F17 ivn-mus LD50:35 mg/kg AIPTAK 152,132,64
2F12F17 ivn-dog LDLo:8 mg/kg AIPTAK 152,132,64

CINNAMATE de n-BUTYLE (French) see: GD8425000
CINNAMEIN see: GD8400000
CINNAMENE see: WL3675000
CINNAMENOL see: WL3675000

GD7800000 CINNAMIC ACID
UPDT:8305 CAS: 621-82-9 MW: 148.17 MOLFM: C9-H8-O2
SYN: PHENYLACRYLIC ACID * tert-beta-PHENYLACRYLIC ACID * 3-PHENYLACRYLIC ACID * 3-PHENYLPROPENOIC ACID * 3-PHENYL-2-PROPENOIC ACID * 2-PROPENOIC ACID, 3-PHENYL- * ZIMTSAEURE (German)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,687,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg FCTXAV 16,687,78
* ipr-rat LD50:1600 mg/kg BCFAAI 112,53,73
* orl-mus LD50:5 gm/kg GISAAA 46(1),94,81
* ipr-mus LD50:160 mg/kg FCTXAV 16,687,78
ivn-mus LD50:380 mg/kg ARZNAD 19,617,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GD8050000 CINNAMIC ACID, ALLYL ESTER
UPDT:8305 CAS: 1866-31-5 MW: 188.24 MOLFM: C12-H12-O2
SYN: ALLYL CINNAMATE * ALLYL 3-PHENYLACRYLATE * 2-PROPENOIC ACID, 3-PHENYL-, 2-PROPENYL ESTER (9CI) * PROPENYL CINNAMATE * VINYL CARBINYL CINNAMATE
IRRITATION DATA AND REFERENCES:
skn-hmn 20 mg/48H FCTXAV 15,615,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1520 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GD8070000 CINNAMIC ACID, 3-AMINO-ar,ar-DIIODO-alpha-ETHYL-
UPDT:8405 MW: 443.03 MOLFM: C11-H11-I2-N-O2
SYN: 3-AMINO-ar,ar-DIIODO-alpha-ETHYLCINNAMIC ACID * DIJOD-alpha-AETHYL-m-AMINOZIMTSAEURE (German)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1900 mg/kg PHARAT 16,389,61

GD8225000 CINNAMIC ACID ANHYDRIDE, o-HYDROXY-
UPDT:8305 CAS: 63938-14-7
SYN: MELILOTIC ANHYDRIDE
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:1510 mg/kg FCTXAV 2,327,64

GD8400000 CINNAMIC ACID, BENZYL ESTER
UPDT:8403 CAS: 103-41-3 MW: 238.30 MOLFM: C16-H14-O2
SYN: BENZYL ALCOHOL, CINNAMATE * BENZYL ALCOHOL, CINNAMIC ESTER * BENZYL CINNAMATE * BENZYL gamma-PHENYLACRYLATE * CINNAMEIN * trans-CINNAMIC ACID BENZYL ESTER * 3-PHENYL-2-PROPENOIC ACID PHENYLMETHYL ESTER * 2-PROPENOIC ACID, 3-PHENYL-, PHENYLMETHYL ESTER (9CI)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1017,73
TOXICITY DATA AND REFERENCES:
2F07F24 orl-rat LD50:5530 mg/kg FCTXAV 2,327,64
2F07K05 orl-gpg LD50:3760 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

trans-CINNAMIC ACID BENZYL ESTER see: GD8400000

GD8421500 CINNAMIC ACID, 3-BROMO-6-METHOXY-, (E)-
UPDT:8305 MW: 257.10 MOLFM: C10-H9-Br-O3
SYN: ACIDE BROMO-5-METHOXY-2-CINNAMIQUE (French) * trans-3-BROMO-6-METHOXYCINNAMIC ACID * SUBSTANCE H 47
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:460 mg/kg AIPTAK 119,443,59

GD8425000 CINNAMIC ACID, BUTYL ESTER
UPDT:8311 CAS: 538-65-8 MW: 204.29 MOLFM: C13-H16-O2
SYN: BUTYL CINNAMATE * n-BUTYL CINNAMATE * n-BUTYL PHENYLACRYLATE * CINNAMATE de n-BUTYLE (French) * CINNAMIC ACID n-BUTYL ESTER * ELIMINOXY * 2-PROPENOIC ACID, 3-PHENYL-, BUTYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 18,655,80
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:7 gm/kg APFRAD 14,370,56
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CINNAMIC ACID n-BUTYL ESTER see: GD8425000

GD8430000 CINNAMIC ACID, 3-BUTYRAMIDO-alpha-ETHYL-2,4,6-TRIIODO-, SODIUM SALT
UPDT:8403 CAS: 1923-76-8 MW: 661.00 MOLFM: C15-H15-I3-N-O3-Na
SYN: BILI-ORAL * BUNAIOD * BUNAMIODYL * BUNAMIODYL SODIUM * BUNIODYL * BUTANOIC ACID, 2-((2,4,6-TRIIODO-3-((1-OXOBUTYL)AMINO)PHENYL)METHYLENE)-, MONOSODIUM SALT * 3-BUTYRAMIDO-alpha-ETHYL-2,4,6-TRIIODOCINNAMIC ACID SODIUM SALT * 2-(3-BUTYRAMIDO-2,4,6-TRIIODOPHENYLMETHYLENE)BUTYRIC ACID SODIUM SALT * 3-(3-BUTYRYLAMINO-2,4,6-TRIIODOPHENYL)-2-ETHYLACRYLIC ACID SODIUM SALT * alpha-ETHYL-beta-(2,4,6-TRIIODO-3-BUTYRAMIDOPHENYL)ACRYLIC ACID SODIUM SALT * INTRABILIX * ORABILEX * ORABILIX * ORABLIX * SODIUM 3-BUTYRAMIDO-alpha-ETHYL-2,4,6-TRIIODOCINNAMATE * alpha-(2,4,6-TRIIODO-3-BUTYRYLAMINOBENZYLIDENE)BUTYRIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:2800 mg/kg TXAPA9 14,232,69
1F12 ivn-rat LD50:480 mg/kg TXAPA9 14,232,69
orl-mus LD50:2780 mg/kg JMCMAR 13,997,70
* ivn-mus LD50:570 mg/kg MEIEDD 10,206,83

GD8550000 CINNAMIC ACID, p-CHLORO-, Compd. with 1,4-DIAMINOPIPERAZINE (2:1)
UPDT:8304 CAS: 20150-07-6 MW: 248.68 MOLFM: C9-H7-Cl-O2 1/2C4-H12-N4
SYN: p-CHLOROCINNAMOYLDIAMINOPIPERAZINE * N,N'-DIAMINOPIPERAZINE SALT of p-CHLOROCINNAMIC ACID * PIPERAZINE (p-CHLORCDIAMINO CINNAMOYL)- * 2-PROPENOIC ACID, 3-(4-CHLOROPHENYL)-, compd. with 1,4-PIPERAZINEDIAMINE (2:1) (9CI)
TOXICITY DATA AND REFERENCES:
orl-mus LD50:921 mg/kg PHARAT 23,714,68

GD8553500 CINNAMIC ACID, alpha-(p-CHLOROPHENOXY)-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8411 CAS: 28833-95-6 MW: 382.31 MOLFM: C19-H20-Cl-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
1F18 orl-mus LDLo:1600 mg/kg CHTPBA 8,284,73

GD8553600 CINNAMIC ACID, alpha-(p-CHLOROPHENOXY)-, 2-MORPHOLINOETHYL ESTER, HYDROCHLORIDE
UPDT:8411 CAS: 28833-93-4 MW: 424.35 MOLFM: C21-H22-Cl-N-O4 Cl-H
TOXICITY DATA AND REFERENCES:
1F18 orl-mus LDLo:2 gm/kg CHTPBA 8,284,73

GD8555000 CINNAMIC ACID, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER
UPDT:8312 MW: 370.91 MOLFM: C21-H23-Cl-N2-O2
SYN: 1-PIPERAZINETHANOL, 4-(p-CHLOROPHENYL)-, CINNAMATE (ester)
TOXICITY DATA AND REFERENCES:
3F07F18F29 ipr-mus LD50:2800 mg/kg JPMSAE 55,290,66

GD8562000 CINNAMIC ACID, CINNAMYL ESTER
UPDT:8305 CAS: 122-69-0 MW: 264.34 MOLFM: C18-H16-O2
SYN: CINNAMYL ALCOHOL CINNAMATE * CINNAMYL CINNAMATE * PHENYLALLYL CINNAMATE * 3-PHENYL-2-PROPEN-1-YL CINNAMATE * 2-PROPENOIC ACID, 3-PHENYL-, 3-PHENYL-2-PROPENYL ESTER (9CI) * STYRACIN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg FCTXAV 13,753,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GD8760000 CINNAMIC ACID, alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER
UPDT:8309 MW: 311.46 MOLFM: C20-H25-N-O2
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:400 mg/kg JACSAT 81,203,59

GD8900000 CINNAMIC ACID, 3-(DIETHYLAMINO) PROPYL ESTER
UPDT:8306 CAS: 4361-80-2 MW: 261.40 MOLFM: C16-H23-N-O2
SYN: APOTHESINE
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:20 mg/kg AJPHAP 68,120,24
ipr-mus LDLo:700 mg/kg JLCMAK 11,1082,26
scu-mus LDLo:700 mg/kg JLCMAK 11,1082,26
ivn-cat LDLo:20 mg/kg AJPHAP 68,120,24
* ivn-rbt LDLo:370 mg/kg PHREA7 12,190,32
scu-gpg LDLo:250 mg/kg JLCMAK 11,1082,26

GD8950000 CINNAMIC ACID, 3,4-DIHYDROXY-
UPDT:8406 CAS: 331-39-5 MW: 180.17 MOLFM: C9-H8-O4
SYN: CAFFEIC ACID * 3,4-DIHYDROXYBENZENEACRYLIC ACID * 3,4-DIHYDROXYCINNAMIC ACID * 2-PROPENOIC ACID, 3-(3,4-DIHYDROXYPHENYL)- (9CI)
MUTATION DATA AND REFERENCES:
mrc-smc 300 mg/L MUREAV 135,109,84
cyt-ham:ovr 200 mg/L CALEDQ 14,251,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 ipr-rat TDLo:480 mg/kg (5-12D preg) TXAPA9 36,227,76
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:1500 mg/kg TXAPA9 36,227,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GD8970000 CINNAMIC ACID, 3,4-DIHYDROXY-, 1-CARBOXY-3,5-DIHYDROXY-1,4-CYCLOHEXYLENE ESTER, HYDRATE
UPDT:8303 CAS: 1182-34-9 MW: 534.51 MOLFM: C25-H24-O12 H2-O
SYN: CINARCAF * CINARINE * CYN * CYNARIN * CYNARINE * 1,4-DICAFFEYLQUINIC ACID HYDRATE * 3,4-DIHYDROXYCINNAMIC ACID 1-CARBOXY-3,5-DIHYDROXY-1,4-CYCLOHEXYLENE ESTER HYDRATE * LISTROCOL * PLEMOCOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1900 mg/kg AIPTAK 117,63,58

BEST COPY AVAILABLE

GD9001000 CINNAMIC ACID, 2,4-DIMETHOXY-beta-METHYL-, MAGNESIUM SALT
UPDT:8403 CAS: 26011-83-6 MW: 466.81 MOLFM: C24-H26-O8 Mg
SYN: DIMECROTIC ACID MAGNESIUM SALT * 3-(2,4-DIMETHOXYPHENYL)CROTONIC ACID MAGNESIUM SALT * HEPADIAL
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1000 ug/kg MEIEDD 10,466,83
* ipr-mus LD50:1300 ug/kg MEIEDD 10,466,83

GD9003000 CINNAMIC ACID, alpha-((DIMETHYLAMINO)METHYL)BENZYL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 331.87 MOLFM: C19-H21-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:500 mg/kg JACSAT 81,203,59
CINNAMIC ACID, 1,5-DIMETHYL-1-VINYL-4-HEXENYL ESTER (8CI) see: GD9700000
CINNAMIC ACID, 1,5-DIMETHYL-1-VINYL-4-HEXEN-1-YL ESTER see: GD9700000

GD9030000 CINNAMIC ACID, alpha-ETHYL-3-HYDROXY-2,4,6-TRIIODO-
UPDT:8405 MW: 569.90 MOLFM: C11-H9-I3-O3
SYN: alpha-AETHYL beta-(2,4,6-TRIJOD-3-HYDROXYPHENYL)-ACRYLSAEURE (German) * alpha-ETHYL-3-HYDROXY-2,4,6-TRIIODOCINNAMIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:13 gm/kg PHARAT 16,389,61

GD9084000 CINNAMIC ACID, alpha-(HEXAHYDRO-1H-AZEPIN-1-YLMETHYL)BENZYL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 385.97 MOLFM: C23-H27-N-O2 Cl-H
SYN: 1H-AZEPINEETHANOL, HEXAHYDRO-alpha-PHENYL-, CINNAMATE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

GD9094000 CINNAMIC ACID, p-HYDROXY-
UPDT:8402 CAS: 7400-08-0 MW: 164.17 MOLFM: C9-H8-O3
SYN: p-COUMARIC ACID * 4-COUMARIC ACID * p-CUMARIC ACID * p-HYDROXYCINNAMIC ACID * 4-HYDROXYCINNAMIC ACID * 4'-HYDROXYCINNAMIC ACID * p-HYDROXYPHENYLACRYLIC ACID * beta-(4-HYDROXYPHENYL)ACRYLIC ACID * 3-(4-HYDROXYPHENYL)-2-PROPENOIC ACID * 2-PROPENOIC ACID, 3-(4-HYDROXYPHENYL)- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T02T03F21 orl-rat TDLo:2800 mg/kg (56D male) CCPTAY 23,677,81
1T29 orl-mus TDLo:35 mg/kg (6D preg) IJEBA6 16,1285,78
1T27 orl-mus TDLo:50 mg/kg (6D preg) CCPTAY 20,49,79
1T13 orl-mam TDLo:9600 mg/kg (12D pre) SCIEAS 195,575,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GD9096000 CINNAMIC ACID, o-HYDROXY-, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER
UPDT:8312 MW: 386.91 MOLFM: C21-H23-Cl-N2-O3
SYN: o-HYDROXYCINNAMIC ACID, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:1400 mg/kg JPMSAE 55,290,66
CINNAMIC ACID, o-HYDROXY-, delta-LACTONE see: GN4200000

GD9275000 CINNAMIC ACID, 4-HYDROXY-3-METHOXY-, (E)-
UPDT:8404 CAS: 537-98-4 MW: 194.20 MOLFM: C10-H10-O4
SYN: CINNAMIC ACID, 4-HYDROXY-3-METHOXY-, trans- * FERULIC ACID * FERULIC ACID, trans- * 4-HYDROXY-3-METHOXYCINNAMIC ACID * 3-(4-HYDROXY-3-METHOXYPHENYL)PROPENOIC ACID * 2-PROPENOIC ACID, 3-(4-HYDROXY-3-METHOXYPHENYL)-, (E)- (9CI)
MUTATION DATA AND REFERENCES:
cyt-ham:ovr 25 gm/L CALEDQ 14,251,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-mam TDLo:9600 mg/kg (12D pre) SCIEAS 195,575,77
TOXICITY DATA AND REFERENCES:
par-mus LDLo:1200 mg/kg CBCCT* 7,688,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CINNAMIC ACID, 4-HYDROXY-3-METHOXY-, trans- see: GD9275000

GD9530000 CINNAMIC ACID, 3-HYDROXY-2,4,6-TRIIODO-
UPDT:8405 MW: 541.84 MOLFM: C9-H5-I3-O3
SYN: 3-HYDROXY-2,4,6-TRIIODOCINNAMIC ACID * 2,4,6-TRIJOD-3-HYDROXYZIMTSAEURE (German)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:6 gm/kg PHARAT 16,389,61

GD9550000 CINNAMIC ACID, ISOBUTYL ESTER
UPDT:8305 CAS: 122-67-8 MW: 204.29 MOLFM: C13-H16-O2
SYN: ISOBUTYL CINNAMATE * LABDANOL * 2-PROPENOIC ACID, 3-PHENYL-, 2-METHYLPROPYL ESTER (9CI)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,799,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GD9700000 CINNAMIC ACID, LINALYL ESTER
UPDT:8310 CAS: 78-37-5 MW: 284.43 MOLFM: C19-H24-O2
SYN: CINNAMIC ACID, 1,5-DIMETHYL-1-VINYL-4-HEXENYL ESTER (8CI) * CINNAMIC ACID, 1,5-DIMETHYL-1-VINYL-4-HEXEN-1-YL ESTER * 1,5-DIMETHYL-1-VINYL-4-HEXEN-1-YL CINNAMATE * 4-HEXEN-1-OL, 1,5-DIMETHYL-1-VINYL-, CINNAMATE * LINALYL CINNAMATE * 1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, CINNAMATE * 3-PHENYL-2-PROPENOIC ACID, 1,5-DIMETHYL-1-VINYL-4-HEXEN-1-YL ESTER * 2-PROPENOIC ACID, 3-PHENYL-, 1,5-DIMETHYL-1-VINYL-4-HEXEN-1-YL ESTER * 2-PROPENOIC ACID, 3-PHENYL-, 1-ETHENYL-1,5-DIMETHYL-4-HEXENYL ESTER (9CI)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,463,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9960 mg/kg FCTXAV 14,463,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GD9720000 CINNAMIC ACID, o-METHOXY-, (Z)-
UPDT:8305 CAS: 14737-91-8 MW: 178.20 MOLFM: C10-H10-O3
SYN: ACIDE ortho-METHOXYCINNAMIQUE (French) * cis o-METHOXYCINNAMIC ACID * cis-2-METHOXYCINNAMIC ACID * 2-PROPENOIC ACID, 3-(2-METHOXYPHENYL)-, (Z)- (9CI) * SUBSTANCE H 36
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1750 mg/kg AIPTAK 119,443,59
* ipr-mus LD50:1500 mg/kg AIPTAK 119,443,59
* scu-mus LD50:1100 mg/kg AIPTAK 119,443,59
CINNAMIC ACID, o-METHOXY-alpha-PHENYL- (E)- see: AT2290000

GE0190000 CINNAMIC ACID, METHYL ESTER
UPDT:8305 CAS: 103-26-4 MW: 162.20 MOLFM: C10-H10-O2
SYN: METHYL CINNAMATE * METHYL CINNAMYLATE * METHYL 3-PHENYLPROPENOATE * 2-PROPENOIC ACID 3-PHENYL-, METHYL ESTER (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2610 mg/kg FCTXAV 13,849,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GE0270000 CINNAMIC ACID, alpha-(MORPHOLINOMETHYL)BENZYL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 373.91 MOLFM: C21-H23-N-O3 Cl-H
SYN: MORPHOLINEETHANOL, alpha-PHENYL-, CINNAMATE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

GE0404000 CINNAMIC ACID, o-NITRO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 402.91 MOLFM: C21-H22-N2-O4 Cl-H
SYN: o-NITROCINNAMIC ACID alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER HYDROCHLORIDE * 1-PYRROLIDINEETHANOL, alpha-PHENYL-, o-NITROCINNAMATE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

GE0405000 CINNAMIC ACID, PHENETHYL ESTER
UPDT:8305 CAS: 103-53-7 MW: 252.33 MOLFM: C17-H16-O2
SYN: BENZYLCARBINYL CINNAMATE * PHENETHYL CINNAMATE * beta-PHENETHYL CINNAMATE * PHENYLETHYL CINNAMATE * beta-PHENYLETHYL CINNAMATE * 2-PHENYLETHYL CINNAMATE * 2-PROPENOIC ACID, 3-PHENYL-, 2-PHENYLETHYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,845,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5 gm/kg FCTXAV 16,845,78
* orl-mus LD50:4500 mg/kg FCTXAV 16,845,78
* orl-gpg LD50:4500 mg/kg FCTXAV 16,845,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GE0407000 CINNAMIC ACID, p-PHENYL-, BISMUTH(3+) SALT
UPDT:8303 CAS: 12040-48-1 MW: 878.76 MOLFM: C45-H33-O6 Bi
SYN: BI-FLOGAN * BISMUTH 3-(4-BIPHENYLYL)ACRYLATE * BISMUTH DIPHENYLYLACRYLATE * DIFENILILACRILATO DI BISMUTO (Italian) * M.G. 8001 * SALE DI BISMUTO DELL'ACIDO DIFENILILACRILICO (Italian)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2250 mg/kg BCFAAI 99,801,60

GE0540000 CINNAMIC ACID, beta-(1-PYRROLIDINYL)PHENETHYL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 357.91 MOLFM: C21-H23-N-O2 Cl-H
SYN: 1-PYRROLIDINEETHANOL, beta-PHENYL-, CINNAMATE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59
CINNAMIC ALCOHOL see: GE2200000
CINNAMIC ALDEHYDE see: GD6475000
CINNAMIC ALDEHYDE DIMETHYL ACETAL see: GD6500000
CINNAMIC ALDEHYDE METHYLANTHRANILATE, Schiff's base see: CB2730000
CINNAMIN see: UQ9835000

GE1050000 CINNAMOHYDROXAMIC ACID
UPDT:8307 CAS: 3669-32-7 MW: 163.19 MOLFM: C9-H9-N-O2
SYN: CINNAMOYLHYDROXAMIC ACID * 2-PROPENAMIDE, N-HYDROXY-3-PHENYL- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2140 mg/kg TXAPA9 28,313,74
* orl-mus LD50:1350 mg/kg BJPCAL 26,41,66
* scu-mus LD50:86 mg/kg BJPCAL 26,41,66
CINNAMOL see: WL3675000

GE1420000 CINNAMOMUM INERS Reinw., extract excluding roots
DEF: Indian plant belonging to the family LAURACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: TAMALPATRA EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:200 mg/kg IJEBA6 11,43,73

GE1430000 CINNAMOMUM OBTUSIFOLIUM Nees, extract excluding roots
DEF: Indian plant belonging to the family LAURACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: BANTEJPAT EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73
CINNAMON BARK OIL see: FI4050000
CINNAMONITRILE see: UD1440000
CINNAMON LEAF OIL see: GE1460000

GE1460000 CINNAMON LEAF OIL, CEYLON
UPDT:8305 CAS: 8015-96-1
SYN: CINNAMON LEAF OIL * OILS, CINNAMON LEAF
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2650 mg/kg FCTXAV 13,749,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CINNAMON OIL see: FI4050000
17-beta-CINNAMOYLANDROST-4-EN-3-ONE see: BV8381000
CINNAMOYLHYDROXAMIC ACID see: GE1050000
1-CINNAMOYL-5-METHOXY-2-METHYLINDOLE-3-ACETIC ACID see: NL3523000
1-CINNAMOYL-2-METHYL-5-METHOXY-3-INDOLYLACETIC ACID see: NL3523000
CINNAMYL ACETATE see: GE2275000

GE2200000 CINNAMYL ALCOHOL
UPDT:8402 CAS: 104-54-1 MW: 134.19 MOLFM: C9-H10-O
SYN: CINNAMIC ALCOHOL * gamma-PHENYLALLYL ALCOHOL * 3-PHENYLALLYL ALCOHOL * 3-PHENYL-2-PROPEN-1-OL * 2-PROPEN-1-OL, 3-PHENYL- * STYRONE * STYRYL CARBINOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,855,74
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:1400 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2000 mg/kg FCTXAV 12,855,74
* orl-mus LD50:2675 mg/kg VPITAR 33,48,74
* orl-gpg LD50:2675 mg/kg VPITAR 33,48,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GE2275000 CINNAMYL ALCOHOL, ACETATE
UPDT:8305 CAS: 103-54-8 MW: 176.23 MOLFM: C11-H12-O2
SYN: CINNAMYL ACETATE * gamma-PHENYLALLYL ACETATE * 3-PHENYL-2-PROPEN-1-YL ACETATE * 2-PROPEN-1-OL, 3-PHENYL-, ACETATE (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3300 mg/kg FCTXAV 11,1063,73
* orl-mus LD50:4750 mg/kg VPITAR 33,48,74
ipr-mus LD50:1200 mg/kg PHMCAA 3,62,61
* orl-gpg LD50:4750 mg/kg VPITAR 33,48,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CINNAMYL ALCOHOL, ANTHRANILATE see: CB2725000
CINNAMYL ALCOHOL, BENZOATE see: UD5520000
CINNAMYL ALCOHOL, CINNAMATE see: GD8562000
CINNAMYL ALCOHOL, FORMATE see: UD5530000

GE2340000 CINNAMYL ALCOHOL, alpha-METHYL-
UPDT:8305 CAS: 1504-55-8 MW: 148.22 MOLFM: C10-H12-O
SYN: METHYL CINNAMIC ALCOHOL * alpha-METHYLCINNAMYL ALCOHOL * 3-PHENYL-2-METHYL-PROPEN-2-OL-1 * 2-PROPEN-1-OL, 2-METHYL-3-PHENYL- (8CI,9CI)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 13,851,75
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2400 mg/kg FCTXAV 13,851,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GE2350000 CINNAMYL ALCOHOL, alpha-PENTYL-, ACETATE
UPDT:8305 MW: 246.38 MOLFM: C16-H22-O2

BEST COPY AVAILABLE

SYN: AMYL CINNAMIC ACETATE * alpha-n-AMYL-beta-PHENYLACRYL ACETATE * alpha-PENTYL CINNAMYL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,677,76

GE2360000 CINNAMYL ALCOHOL, PROPIONATE
UPDT:8305 CAS: 103-56-0 MW: 190.26 MOLFM: C12-H14-O2
SYN: CINNAMYL PROPIONATE * 3-PHENYL-2-PROPENYL PROPIONATE * 3-PHENYL-2-PROPEN-1-YL PROPIONATE * 2-PROPEN-1-OL, 3-PHENYL-, PROPANOATE (9CI) * PROPIONIC ACID, CINNAMYL ESTER

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,859,74

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3400 mg/kg FCTXAV 12,859,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CINNAMYL ALDEHYDE see: GD6475000

GE2372000 CINNAMYLAMINE, HYDROCHLORIDE
UPDT:8406 CAS: 4360-51-4 MW: 169.67 MOLFM: C9-H11-N Cl-H
SYN: PHENYLALLYLAMINE HYDROCHLORIDE * gamma-PHENYLALLYLAMINE HYDROCHLORIDE * 2-PROPEN-1-AMINE, 3-PHENYL-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F17J26 ipr-mus LD50:230 mg/kg JPHYA7 98,424,40

GE2373000 CINNAMYLAMINE, alpha-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 183.70 MOLFM: C10-H13-N Cl-H
SYN: alpha-METHYLCINNAMYLAMINE HYDROCHLORIDE * PHENYLBUTENYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F17J26 ipr-mus LD50:130 mg/kg JPHYA7 98,424,40

GE2374000 CINNAMYLAMINE, N-METHYL-N-(beta-METHYLPHENETHYL)-, HYDROCHLORIDE
UPDT:8406 MW: 301.89 MOLFM: C19-H23-N Cl-H
SYN: N-METHYL-N-(beta-METHYLPHENETHYL)CINNAMYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg JAPMA8 39,382,50

CINNAMYL o-AMINOBENZOATE see: CB2725000
CINNAMYL 2-AMINOBENZOATE see: CB2725000
CINNAMYL ANTHRANILATE see: CB2725000
CINNAMYL BENZOATE see: UD5520000
CINNAMYL BUTYRATE see: ES8815000
CINNAMYL CINNAMATE see: GD8562000
(CINNAMYL-1 CYCLOHEXYLE)-N PIPERIDINE (French) see: TM6499700
1-(1-CINNAMYLCYCLOHEXYL)PIPERIDINE see: TM6499700
CINNAMYL FORMATE see: UD5530000
CINNAMYL ISOBUTYRATE see: NQ4558000
CINNAMYL METHANOATE see: UD5530000
CINNAMYL NITRILE see: UD1440000
CINNAMYL PROPIONATE see: GE2360000
CINNARIZIN see: UE9480000
Reaction product of CINNARIZINE and NITRITE (1:10) see: TL3455000
CINNOPROPAZONE see: UQ9835000
CINOBAC see: JI4640000
CINO-BUFAGIN see: EI2955000
CINOBUFOTALIN see: EI2991000
CINOPAL see: DV1761000
CINOPOL see: DV1761000
CINOXACIN see: JI4640000
CIN-QUIN see: VA4725000
CIN-QUIN see: VA5950000
CINX see: JI4640000
CIODRIN see: GQ5075000
CIOVAP see: GQ5075000
C.I. OXIDATION BASE see: XS9625000
C.I. OXIDATION BASE 1 see: BW6650000
C.I. OXIDATION BASE 2 see: ST3150000
C.I. OXIDATION BASE 4 see: XT0524000
C.I. OXIDATION BASE 7 see: SJ4900000
C.I. OXIDATION BASE 10 see: SS8050000
C.I. OXIDATION BASE 12 see: BZ8580500
C.I. OXIDATION BASE 16 see: SS7875000
C.I. OXIDATION BASE 17 see: SJ4950000
C.I. OXIDATION BASE 19 see: AD8225000
C.I. OXIDATION BASE 20 see: XS9625000
C.I. OXIDATION BASE 22 see: ST3000000
C.I. OXIDATION BASE 26 see: UX1050000
C.I. OXIDATION BASE 31 see: VG9625000
C.I. OXIDATION BASE 32 see: UX2800000
C.I. OXIDATION BASE 33 see: QL2800000
C.I. OXIDATION BASE 35 see: XS9625000
C.I. OXIDATION BASE 200 see: XS9625000
C.I. OXIDATION BASE 6A see: SJ5075000
C.I. OXIDATION BASE 10A see: ST0350000
C.I. OXIDATION BASE 12A see: ST2705000
C.I. OXIDATION BASE 13A see: SS9000000

GE4180000 CIPADESSA FRUTICOSA Bl., extract excluding roots
DEF: Indian plant belonging to the family MELIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: NAHALBELI EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 7,250,69

CIPC see: FD8050000
CIPCA see: CI7650000
CIPE see: TQ3325000
C.I. PIGMENT BLACK 7 see: FF5800000
C.I. PIGMENT BLACK 10 see: FF5250100
C.I. PIGMENT BLACK 13 see: GG2800000
C.I. PIGMENT BLACK 14 see: OP0350000
C.I. PIGMENT BLACK 16 see: ZG8600000
C.I. PIGMENT BROWN 8 see: OP0350000
C.I. PIGMENT GREEN 17 see: GB6475000
C.I. PIGMENT GREEN 21 (9CI) see: GL6475000
C.I. PIGMENT METAL 2 see: GL5325000
C.I. PIGMENT METAL 3 see: MD5070000
C.I. PIGMENT METAL 4 see: OF7525000
C.I. PIGMENT METAL 6 see: ZG8600000
C.I. PIGMENT ORANGE 5 see: QL3854000
C.I. PIGMENT ORANGE 20 see: EV3150000
C.I. PIGMENT ORAGNE 21 see: OF9800000
C.I. PIGMENT RED see: DB5500000
C.I. PIGMENT RED see: OF9800000
C.I. PIGMENT RED 3 see: QK4247000
C.I. PIGMENT RED 4 see: QL3436000
C.I. PIGMENT RED 23 see: QJ1897000
C.I. PIGMENT RED 83 see: CB6580000
C.I. PIGMENT RED 101 see: NO7400000
C.I. PIGMENT RED 101 and 102 see: NO7400000
C.I. PIGMENT RED 102 see: NO7400000
C.I. PIGMENT RED 104 see: OG1625000
C.I. PIGMENT RED 104 see: QA4660000
C.I. PIGMENT RED 105 see: OG5425000
C.I. PIGMENT RED 107 see: CC9450000
C.I. PIGMENT RED 53:1 see: DB5500000
C.I. PIGMENT RED 53, BARIUM SALT see: DB5500000

GE4518000 C.I. PIGMENT VIOLET 3
UPDT:8109 CAS: 1325-82-2
SYN: BENZOIC METHYL VIOLET LAKE * BRILLFAST VIOLET * CALCOTONE VIOLET RP * C.I. 42535:2 * C.I. BASIC VIOLET 1, MOLYBDATETUNGSTATEPHOSPHATE (9CI) * C.I. 42535 LAKE * CONC VIOLET R * CONSOL VIOLET * DAINICHI FAST VIOLET M TONER * DAINICHI FAST VIOLET MX * ELJON VIOLET TONER * FANAL VIOLET RA SUPRA * FANAL VIOLET R SUPRA * FANATONE VIOLET * FAST BRONZE VIOLET * FASTEL VIOLET R * FASTEL VIOLET R SUPRA * FAST VIOLET TONER R * FEDERAL FAST VIOLET 7001 * HALOPONT VIOLET NM * HELMERCO VIOLET MR * IRGALITE VIOLET TCR * KROMAL VIOLET R * LAKE BASIC VIOLET * METYML VIOLET * METHYL VIOLET LAKE * METHYL VIOLET PMA LAKE VA-4150 * NCI-C54659 * NO. 34 FORTHBRITE FAST VIOLET * NO. 48 FORTHBRITE FAST VIOLET * NYCO LIQUID VIOLET RF * NYCO SUPER VIOLET 4R * PERMANENT PURPLE * PERMANENT PURPLE TONER * PMA VIOLET 3 * PURPLE LAKE * PYRAMID VIOLET TONER NX * RECOLITE VIOLET RDS * RECOLITE VIOLET RTS * SIEGLE BLUISH VIOLET EXTRACT DH47 * SILOSUPER VIOLET R * SOLAR COATING VIOLET RMN47-3012 * SOLAR VIOLET RCL * SOLAR VIOLET RMN47-3612 * SYTON VIOLET R * TINTOFEN VIOLET R * TINTOFEN VIOLET R SUPRA * TONING BLUE MV * TROPICAL VIOLET TONER * VIOLET LAKE * VIOLET TONER PTMA 55-2925

REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Mo)/m3;STEL 10 mg(Mo)/m3 DTLVS* 4,289,80

STANDARDS & REGULATIONS:
★ OSHA-STANDARD-air;TWA 5 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

C.I. PIGMENT WHITE 3 see: OG4375000
C.I. PIGMENT WHITE 4 see: ZH4B10000
C.I. PIGMENT WHITE 6 see: XR2275000
C.I. PIGMENT WHITE 10 see: CQ8600000
C.I. PIGMENT WHITE 11 see: CC5650000
C.I. PIGMENT WHITE 21 see: CR0600000
C.I. PIGMENT WHITE 25 see: EW4150000
C.I. PIGMENT YELLOW see: CG2638000
C.I. PIGMENT YELLOW 12 see: AK4580000
C.I. PIGMENT YELLOW 31 see: CQ8760000
C.I. PIGMENT YELLOW 32 see: GB3240000
C.I. PIGMENT YELLOW 33 see: GB2750000
C.I. PIGMENT YELLOW 33 see: GB2800000
C.I. PIGMENT YELLOW 35 see: EV3180000
C.I. PIGMENT YELLOW 34 see: GB2975000
C.I. PIGMENT YELLOW 36 see: GB3290000
C.I. PIGMENT YELLOW 37 see: EV3150000
C.I. PIGMENT YELLOW 46 see: OG1750000
C.I. PIGMENT YELLOW 48 see: OG0175000
C.I. PIGMENT YELLOW 74 see: EJ3645000
CIPLAMYCETIN see: AB6825000
CIPOVIOL W 72 see: TR8100000
CIQ see: NM3470000
CIRAM see: ZH0525000
CIRANTIN see: MK6650000
CIRCAIN see: XH5100000
CIRCAIR see: XH5100000
CIRCANOL see: KE8800000
CIRCOSOLV see: KX4550000
C.I. REACTIVE BLUE 19 see: CB1050000
C.I. REACTIVE BLUE 19, DISODIUM SALT see: CB1050000
C.I. REACTIVE YELLOW 14 see: DB7000000

GE5170000 C.I. REACTIVE YELLOW 73
UPDT:8306 CAS: 58128-20-4
SYN: POLACTINE G YELLOW * POLAKTYN YELLOW G * YELLOW POLAKTIN G * ZOLCIENI POLACTYNOWEJ G (Polish)

IRRITATION DATA AND REFERENCES:
eye-rbt 20 mg MLD MEPAAX 30,157,79

TOXICITY DATA AND REFERENCES:
3F17J25K30 orl-rat LD50:8200 mg/kg MEPAAX 30,157,79
3F17J25K30 ipr-rat LD50:1330 mg/kg MEPAAX 30,157,79

CIRENE BRILLIANT BLUE R see: QJ6300000
CIRPON see: TZ0175000
CIRPONYL see: TZ0175000
CIRRAMYCIN A(sub 1), 4'-DEOXY- see: JG6800000
CIRRASOL 185A see: RA6650000
CIRRASOL-OD see: BQ7875000

GE5776000 CIRSIUM ARVENSE (L.) Scop., extract
DEF: Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

CISCLOMIPHENE see: YE0800000
CISMETHRIN see: GZ1430000
CISOBITAN see: GZ4390000
C.I. 45350 SODIUM SALT see: LM5425000
C.I. SOLVENT BLUE 7 see: BY8225000
C.I. SOLVENT BLUE 18 see: CB0540000
C.I. SOLVENT BROWN 1 see: ST2900000
C.I. SOLVENT BROWN PR see: ST2900000
C.I. SOLVENT ORANGE 2 see: QL5425000
C.I. SOLVENT ORANGE 3 see: ST3380000
C.I. SOLVENT ORANGE 7 see: QL5850000
C.I. SOLVENT ORANGE 15 see: AR7600000
C.I. SOLVENT RED 19 see: QM2850000
C.I. SOLVENT RED 23 see: QK4250000
C.I. SOLVENT RED 24 see: QL5775000
C.I. SOLVENT RED 41 see: ZE9705000
C.I. SOLVENT RED 43 see: LM5800000
C.I. SOLVENT RED 80 see: QL3675000
C.I. SOLVENT YELLOW 1 see: BY8225000
C.I. SOLVENT YELLOW 2 see: BX7350000
C.I. SOLVENT YELLOW 3 see: XU8800000
C.I. SOLVENT YELLOW 5 see: QM4725000
C.I. SOLVENT YELLOW 6 see: QM5400000
C.I. SOLVENT YELLOW 7 see: SM8300000
C.I. SOLVENT YELLOW 12 see: RJ7190000
C.I. SOLVENT YELLOW 14 see: QL4900000

BEST COPY AVAILABLE

GE5925000 C.I. SOLVENT YELLOW 33
UPDT:8412 CAS: 8003-22-3
SYN: ARLOSOL YELLOW 5 * CHINOLINE YELLOW D SOL IN SPIRITS * CHINOLINE YELLOW ZSS * CI 47000 * D AND C YELLOW NO. 11 * NITRO FAST YELLOW SL * OIL YELLOW SIS * PETROL YELLOW C * QUINOLINE YELLOW A SPIRIT SOLUBLE * QUINOLINE YELLOW BASE * QUINOLINE YELLOW SPIRIT SOLUBLE * QUINOLINE YELLOW SS * SOLVANT YELLOW 33 * WAXOLINE YELLOW T
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
C.I. SOLVENT YELLOW 34 see: BY3500000
C.I. SOLVENT YELLOW 56 see: CX9871000
C.I. SOLVENT YELLOW 77 see: AC3662000
CISPLATIN see: TP2450000
CISPLATINO (Spanish) see: TP2450000
CISPLATYL see: TP2450000

GE5937000 CISSAMPELOS PAREIRA L., leaf and stem extract
DEF:Jamaican plant belonging to the family MENISPERMACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

GE5937500 CISSUS CARNOSA Roxb., extract excluding roots
DEF:Indian plant belonging to the family VITACEAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

GE5938000 CISSUS DISCOLOR Bl., extract
DEF:Indian plant belonging to the family VITACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:62500 ug/kg IJEBA6 12,512,74

GE5939000 CISSUS QUADRANGULARIS Linn., stem extract
DEF:Indian plant belonging to the family VITACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:681 mg/kg IJEBA6 18,594,80

GE5939500 CISTANCHE TUBULOSA Wight, extract
DEF:Indian plant belonging to the family OROBANCHACEAE (IJEBA6 18,594,80)
UPDT:8411
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rat TDLo:150 mg/kg (12-14D preg) IJEBA6 18,594,80
1T24 orl-ham TDLo:500 mg/kg (1-5D preg) IJEBA6 18,594,80
TOXICITY DATA AND REFERENCES:
2H02V30 ipr-mus LD50:250 mg/kg IJEBA6 18,594,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CISTAPHOS see: TE6483500
CISTEAMINA (Italian) see: KJ0175000
CITARIN see: NJ5950000
CITARIN L see: NJ5960000

GE5963400 CITCOP 4E
UPDT:8310 CAS: 52232-02-7
TOXICITY DATA AND REFERENCES:
* orl-mam LD50:10 gm/kg FMCHA2 -,C57,83

GE5963420 CITCOP 6E
DEF:Copper salts of fatty and rosin acids, 5.75% COPPER as metallic, or 0.48 pounds COPPERper gallon (FMCHA2 -,C57,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-mam LD50:10 gm/kg FMCHA2 -,C57,83
CITEXAL see: VA3850000
CITGRENILE see: RA8565000
CITHROL PO see: MD0880000
CITICHOLINE see: GA4027000
CITICOLINE see: GA4027000
CITIDIN DIFOSFATO de COLINA (Spanish) see: GA4027000
CITIDOLINE see: GA4027000
CITIFLUS see: UE9480000
CITILAT see: US7975000
CITIOLASE see: AC8680000
CITIOLONE see: AC8680000
CITOBARYUM see: CR0600000
CITOCOR see: QS4375000
CITODON see: CQ2625000
CITODORM see: SC4900000
CITOFUR see: YR0450000
CITOL see: SJ5075000
CITOMULGAN M see: RG1925000
CITOPAN see: CQ2625000
CITOSTAL see: GH0845000
CITOX see: KJ3325000
CITRACETAL see: JH7494000

GE6650000 CITRACONIC ACID
UPDT:8403 CAS: 498-23-7 MW: 130.11 MOLFM: C5-H6-O4
SYN: 2-BUTENEDIOIC ACID, 2-METHYL-, (Z)- (9CI) * MALEIC ACID, METHYL- * cis-METHYLBUTENEDIOIC ACID * 2-METHYL-2-BUTENEDIOIC ACID * METHYLMALEIC ACID
TOXICITY DATA AND REFERENCES:
3F07F11K06 orl-rat LD50:1320 mg/kg FCTXAV 2,327,64
3F07J22K30 orl-mus LD50:2260 mg/kg FCTXAV 2,327,64
1K05 orl-gpg LD50:1350 mg/kg FCTXAV 2,327,64
CITRACONIC ACID ANHYDRIDE see: GE6825000

GE6700000 CITRACONIC ACID, DIMETHYL ESTER
UPDT:8305 CAS: 617-54-9 MW: 158.17 MOLFM: C7-H10-O4
SYN: 2-BUTENEDIOIC ACID, 2-METHYL-, DIMETHYL ESTER (Z)- * DIMETHYL CITRACONATE * DIMETHYL METHYL MALEATE * cis-2-METHYL-2-BUTENEDIOIC ACID, DIMETHYL ESTER * METHYLMALEIC ACID, DIMETHYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,749,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GE6825000 CITRACONIC ANHYDRIDE
UPDT:8407 CAS: 616-02-4 MW: 112.09 MOLFM: C5-H4-O3
SYN: CITRACONIC ACID ANHYDRIDE * 2,5-FURANDIONE, 3-METHYL- * MALEIC ANHYDRIDE, METHYL- * METHYLMALEIC ANHYDRIDE * alpha-METHYLMALEIC ANHYDRIDE * 2-METHYLMALEIC ANHYDRIDE * 3-METHYLMALEIC ANHYDRIDE * MONOMETHYLMALEIC ANHYDRIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 26,269,44
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2600 mg/kg JIHTAB 26,269,44
skn-rbt LD50:218 mg/kg SHELL*
* skn-gpg LD50:1247 mg/kg JIHTAB 26,269,44
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CITRA-FORT see: AM4375000
CITRAL see: RG5075000
(E)-CITRAL see: RG5075100
alpha-CITRAL see: RG5075100
trans-CITRAL see: RG5075100
CITRAL alpha see: RG5075100
CITRAL DIMETHYL ACETAL see: RG5330000
CITRAL ETHYLENE GLYCOL ACETAL see: JH7494000
CITRAL METHYLANTHRANILATE, Schiff's base see: CB3030000
CITRAM see: TF0525000
CITRAM see: TF1400000
CITRAMON see: DG0935000
CITRATE de ACETOXY-THYMOXY-ETHYL-DIMETHYLAMINE (French) see: FI1582000
CITRAZON see: DF9700000
CITREOVIRIDIN see: UQ1235000
CITREOVIRIDINE see: UQ1235000

GE7540000 CITRIC ACID, AMMONIUM IRON(3+) SALT
UPDT:8401 CAS: 1185-57-5 MW: 702.37 MOLFM: C6-H8-O7 xFe xH3-N
SYN: AMMONIUM FERRIC CITRATE (DOT) * AMMONIUM IRON(III) CITRATE * FAC * FERRIC AMMONIUM CITRATE * NA 9113 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID, LABEL:NONE CFRGBR 49,172 101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GE7555000 CITRIC ACID, BIS(sec-ALKYLOXYPOLYOXYETHYLENE) ESTER, TRIETHANOLAMINE SALT
UPDT:8308
SYN: PAT * POLYOXYETHYLENE-ALKYL CITRIC DIESTER-TRIETHANOLAMINE * POLYOXYETHYLENE-secondary ALKYL ETHER CITRIC DIESTER TRIETHANOLAMINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:14 gm/kg YAHOA3 23,1,79
* orl-mus LD50:8400 mg/kg YAHOA3 23,1,79
* orl-ckn LD50:7100 mg/kg YAHOA3 23,1,79
CITRIC ACID, COPPER(2+) SALT (8CI) see: GL7056000

GE7573000 CITRIC ACID, DIAMMONIUM SALT
UPDT:8401 CAS: 3012-65-5 MW: 226.22 MOLFM: C6-H8-O7 2H3-N
SYN: AMMONIUM CITRATE DIBASIC (DOT) * AMMONIUM MONOHYDROGEN CITRATE * DIAMMONIUM CITRATE * DIAMMONIUM HYDROGEN CITRATE * DIBASIC AMMONIUM CITRATE * NA 9087 (DOT) * 1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, DIAMMONIUM SALT
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172 101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GE7810000 CITRIC ACID, MONOHYDRATE
UPDT:8412 CAS: 5949-29-1 MW: 210.16 MOLFM: C6-H8-O7 H2-O
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:375 mg/kg NTIS** AD-A121-876
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CITRIC ACID, MONOSODIUM SALT (8CI) see: GE7950000

GE7950000 CITRIC ACID, SODIUM SALT
UPDT:8402 CAS: 18996-35-5 MW: 214.12 MOLFM: C6-H7-O7 Na
SYN: CITRIC ACID, MONOSODIUM SALT (8CI) * CITROFLUYL * MONOSODIUM CITRATE * MONOSODIUM DIHYDROGEN CITRATE * 1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, MONOSODIUM SALT (9CI) * SODIUM CITRATE * SODIUM DIHYDROGEN CITRATE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1348 mg/kg JPETAB 94,65,48
ipr-mus LD50:1635 mg/kg JPETAB 94,65,48
ivn-mus LD50:49 mg/kg JPETAB 94,65,48
ivn-rbt LD50:379 mg/kg JPETAB 94,65,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GE8050000 CITRIC ACID, TRIETHYL ESTER
UPDT:8305 CAS: 77-93-0 MW: 276.32 MOLFM: C12-H20-O7
SYN: CITROFLEX 2 * ETHYL CITRATE * 1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, TRIETHYL ESTER (9CI) * TEC * TRIETHYL CITRATE
TOXICITY DATA AND REFERENCES:
3F12F19J22 orl-rat LD50:7000 mg/kg FCTXAV 17,389,79
3J15J17J22 ihl-rat LC50:1300 ppm/6H FCTXAV 17,389,79
ipr-mus LD50:1750 mg/kg JPMSAE 53,774,64
3F12F19K13 orl-cat LD50:35000 mg/kg FCTXAV 17,389,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GE8310000 CITRIC ACID, TRISODIUM SALT, complex with CERIUM CHLORIDE
UPDT:8402 MW: 1029.80 MOLFM: Ce-Cl3 3C6-H8-O7 9Na
SYN: CERIUM TRICHLORIDE complex with TRISODIUM CITRATE (1:3)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T81T85 scu-mus TDLo:587 ug/kg (12D preg) PUMTAG 10,475,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GE8350000 CITRIC ACID, YTTRIUM SALT (3:1)
UPDT:8204 CAS: 63938-20-5 MW: 221.75 MOLFM: C6-H8-O7 1/3Y
SYN: YTTRIUM CITRATE
TOXICITY DATA AND REFERENCES:
1V08 ipr-mus LD50:79 mg/kg AEHLAU 5,437,62
ipr-gpg LD50:44 mg/kg AEHLAU 5,437,62
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Y)/m3;STEL 3 mg(Y)/m3 DTLVS* 4,443,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Y)/m3 (SCP-X) FEREAC 39,23540,74

GE8360000 CITRIC ACID, ZINC SALT (2:3)
UPDT:8402 CAS: 546-46-3 MW: 290.18 MOLFM: C6-H8-O7 3/2Zn
SYN: 1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, ZINC SALT (2:3) (9CI) * ZINC CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ivg-rbt TDLo:64366 ug/kg (1D pre) CCPTAY 22,659,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CITRIDIC ACID see: U02380000
CITRININ see: DJ2275000
CITROFLEX 2 see: GE8050000
CITROFLUYL see: GE7950000
CITROMYCETIN see: UQ0334000
CITRONELLAL HYDRATE see: RG7850000
CITRONELLAL, HYDROXY- see: RG7850000

GE8750000 CITRONELLA OIL
UPDT:8408 CAS: 8000-29-1
SYN: ESSENTIAL OIL OF CYMBOPOGON NARDUS * OIL OF CITRONELLA * OILS, CITRONELLA * ZITRONELL OEL (German)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 11,1067,73

BEST COPY AVAILABLE

eye-rbt 100 mg AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:

orl-rat LD50:7200 mg/kg PHARAT 14,435,59

3D28F17F25 ipr-rat LD50:713 mg/kg IJEBA6 9,515,71

* skn-rbt LD50:4700 mg/kg FCTXAV 11,1067,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

CITRONELLIC ACID see: RH3230000

CITRONELLOL see: RH3400000

CITRONELLOL, DIHYDRO- see: RH0900000

CITRONELLOL, HYDROXY- see: RG9605000

CITRONELLYL ACETATE see: RH3422500

alpha-CITRONELLYL ACETATE see: RH3425000

CITRONELLYL 2-BUTENOATE see: RH3440000

CITRONELLYL alpha-CROTONATE see: RH3440000

CITRONELLYL ETHYL ETHER see: RH2242000

CITRONELLYL FORMATE see: RH3480000

CITRONELLYL NITRILE see: RH2250000

CITRONELLYL PHENYLACETATE see: AJ2742000

CITRON YELLOW see: GA9170000

CITRON YELLOW see: GB3290000

CITROVIOL see: RC8880000

CITRULLAMON see: MU1050000

CITRULLAMON see: MU1400000

CITRULLIAMON see: MU1050000

L-CITRULLINE and SODIUM NITRITE (2:1) see: RM2981540

GE8814000 CITRUS AURANTIFOLIA (Chr.) Swingle, extract excluding roots

DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 15,208,77)

UPDT:8408

SYN: KAGHAZINIMBU, extract

TOXICITY DATA AND REFERENCES:

1M10 ipr-mus LD50:62500 ug/kg IJEBA6 15,208,77

CITRUS AURANTIUM see: OE5800000

GE8818000 CITRUS MAXIMA (Burm.) Merr., extract excluding roots

DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 12,512,74)

UPDT:8302

SYN: BATABILEBUM EXTRACT

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:147 mg/kg IJEBA6 12,512,74

CITRUS RED 2 see: QL3675000

CITRUS RED NO. 2 see: QL3675000

CITTERAL see: XH8400000

C.I. VAT BLUE 1 see: DU2988400

C.I. VAT YELLOW see: HO7030000

C.I. VAT YELLOW 4 see: HO7030000

CIVET see: GE9050000

GE9050000 CIVET ABSOLUTE

UPDT:8305 CAS: 68916-26-7

SYN: CIVET * OIL OF CIVET

IRRITATION DATA AND REFERENCES:

skn-mus 100% MLD FCTXAV 12,863,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

CIVETONE see: GU2990000

cis-CIVETONE see: GU2990000

C.I. YELLOW II see: GD0197800

CIZARON see: US2800000

CL 337 see: VT9625000

CL 369 see: GW1400000

CL-395 see: TN2272590

CL 473 see: CB4550000

CL-1390 see: AU7350000

CL 10304 see: MO6300000

CL 12009 see: TD9800000

CL 12503 see: TF2275000

CL 12,625 see: TK3325000

CL 12880 see: TE1750000

CL 13494 see: WP0400000

CL 13,900 see: AU7350000

CL-14377 see: MA1225000

CL 16536 see: AU7350000

CL 16,536 see: AU7352000

CL 18133 see: TF5775000

CL-23697 see: TC0820000

CL 24055 see: AE2450000

CL 26691 see: TF7525000

CL 27,319 see: RQ3500000

CL-28865 see: TC3150000

CL 34433 see: TU3930000

CL-34699 see: TU3682500

CL-35217 see: TF7700000

CL-38023 see: TF7650000

CL-38106 see: TF7800000

CL 40881 see: EL3854000

CL-43,064 see: NJ6400000

CL-43,356 see: NJ6450000

CL 47031 see: NJ6475000

CL-47271 see: NJ6470000

CL 47300 see: TG0350000

CL 47370 see: NJ6455000

CL-47460 see: NJ6460000

CL-47,470 see: JP1050000

CL-52069 see: NJ6465000

CL 52107 see: NJ6472000

CL 52160 see: TF6890000

CL 54998 see: GO6833000

CL 59806 see: QI7630000

CL-62362 see: HQ4025000

CL 64475 see: NJ6490000

CL 65336 see: GU8400000

CL 67772 see: HQ4025500

CL-71563 see: HQ4025000

CL 82204 see: DV1761000

CL 88236 see: UA5787000

CL 217300 see: UW7583000

CL 227193 see: XI0180000

CL 232315 see: CB0386900

CL-26095-2 see: TF2050000

CL 67310465 see: NI2931000

CLACO SER CNU see: VT9608000

CLADOSPORIN see: NQ7850000

CLAFEN see: RP5950000

CLAIRFORMIN see: LV2625000

CLAIRSIT see: PB0370000

CLAMOXYL see: XH8300000

CLANDILON see: OO8200000

CLANOBUTIN see: ES8352000 BUTYRIC ACID, 4-(p-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDO)-

CLANOBUTINE see: ES8352000 BUTYRIC ACID, 4-(p-CHLORO-N-(p-METHOXYPHENYL)BENZAMIDO)-

CLAPHENE (French) see: RP5950000

CLARIPEX see: UE9480000

CLARIPEX CPIB see: UE9480000

CLARK I see: CG9900000

CLARO 5591 see: GM5090000

CLAROSAN see: XY4725000

GF1170000 CLARY SAGE OIL

UPDT:8305 CAS: 8016-63-5

SYN: OIL OF MUSCATEL * OILS, CLARY SAGE * SAGE OIL CLARY

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 12,865,74

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:5600 mg/kg FCTXAV 12,865,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

CLAUDELITE see: CG3325000

CLAUDETITE see: CG3325000

GF1220000 CLAUSENA INDICA Oliver, extract excluding roots

DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 12,512,74)

UPDT:8302

SYN: RAN NIMBOO EXTRACT

TOXICITY DATA AND REFERENCES:

1D35 ipr-mus LD50:300 mg/kg IJEBA6 12,512,74

GF1221000 CLAUSENA PENTAPHYLLA (Roxb.) DC., extract excluding roots

DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 15,208,77)

UPDT:8403

SYN: BANNIMBU, extract

TOXICITY DATA AND REFERENCES:

1H30 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

CLAVACIN see: LV2625000

CLAVATIN see: LV2625000

CLAVIFORM see: LV2625000

CLAVIFORMIN see: LV2625000

GF1670500 CLAY (KAOLIN)

UPDT:8403 CAS: 1332-58-7

SYN: ALTOWHITES * BENTONE * CONTINENTAL * DIXIE * EMATHLITE * FITPOL * FITROL DESICCITE 25 * GLOMAX * HYDRITE * KAOLIN * KAOPAOUS * KAOPHILLS-2 * LANGFORD * MCNAMEE * PARCLAY * PEERLESS * SNOW TEX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81 orl-rat TDLo:590 gm/kg (37D pre/1-22D preg) JONUAI 107,2020,77

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CL 912C see: TM7640000

CLEARCIDE see: YS4727000

CLEARJEL see: GM5090000

CLEARJREL see: GM5090000

CLEARTUF see: TR2725000

CLEARY 3336 see: BA3650000

CLEBOPRIDE HYDROGEN MALATE see: CU9390000

CLEBOPRIDE MALATE see: CU9390000

GF1695000 CLEISTANTHUS COLLINUS (Roxb.) Benth. & Hook. f., extract

DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 7,250,69)

UPDT:8302

SYN: POLASI EXTRACT

TOXICITY DATA AND REFERENCES:

1V30 ipr-mus LD50:250 mg/kg IJEBA6 7,250,69

GF1697000 CLEISTANTHUS RIPICOLA J.L., stem bark extract

DEF:African plant belonging to the family EUPHORBIACEAE (TOERD9 1,329,78)

UPDT:8306

TOXICITY DATA AND REFERENCES:

3J16J22K30 ipr-mus LDLo:20 gm/kg TOERD9 1,329,78

CLELAND'S REAGENT see: XO8576500

CLEMANIL see: UY0704600

CLEMASTINE FUMARATE see: UY0704600

CLEMASTINE HYDROGEN FUMARATE see: UY0704600

GF1750000 CLEMATIS BARBELLATE Edgew., extract excluding roots

DEF:Indian plant belonging to the family RANUNCULACEAE (IJEBA6 18,594,80)

UPDT:8411

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

GF1760000 CLEMATIS CONNATA DC., extract excluding roots

DEF:Indian plant belonging to the family RANNUNCULACEAE (IJEBA6 7,250,69)

UPDT:8411

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

* ipr-mus LD50:750 mg/kg IJEBA6 7,250,69

CLEMIZOLE HYDROCHLORIDE see: DD6730000

CLENBUTEROL HYDROCHLORIDE see: DN3180000

CLENIL-A see: TU3805000

CLEOCIN PHOSPHATE see: GF2625000

GF1796000 CLEOME VISCOSA Linn., extract excluding roots

DEF:Indian plant belonging to the family CAPPARIDACEAE (IJEBA6 16,228,78)

UPDT:8411

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

GF1797000 CLEOME VISCOSA L., leaf and stem extract

DEF:Jamaican plant belonging to the family CAPPARDIACEAE (JPPMAB 16,115,64)

UPDT:8405

TOXICITY DATA AND REFERENCES:

1H01 ipr-mus LDLo:40 gm/kg JPPMAB 16,115,64

CLEP see: US8650000

CLERA see: NJ4375000

CLEREGIL see: LZ9800000

CLERIDIUM 150 see: KK7450000

GF1801000 CLERODENDRON HETEROPHYLLUM Ait., extract

UPDT:8308

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1650 mg/kg APFRAD 30,241,72

GF1802000 CLERODENDRUM NUTANS Wall., extract excluding roots

DEF:Indian plant belonging to the family VERBENACEAE (IJEBA6 12,512,74)

UPDT:8302

BEST COPY AVAILABLE

SYN: ASAU EXTRACT
TOXICITY DATA AND REFERENCES:
IM10 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

GF1802500 CLERODENDRUM SERRATUM (Linn.) Moon., extract excluding roots
DEF:Indian plant belonging to the family VERBENACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: GANTU BARANGI, extract
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:62500 ug/kg IJEBA6 15,208,77

GF1802600 CLERODENDRUM SPLENDENS G. Don, extract excluding roots
DEF:Indian plant belonging to the family VERBENACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

CLERTUF see: TR2725000
CLESTOL see: WN0525000
C-LEVEL see: CI7650000
CLF II see: FF9250100
CLHORAMEISENSAEUREAETHYLESTER (German) see: LQ6125000
CLIACIL see: XH9275000
CLIDANAC see: NK4503000
(S)-(+)-CLIDANAC see: NK4505000
CLIFT see: EI3450000
CLIMATERINE see: WJ5600000
CLIMESTRONE see: GL1224000
CLIN see: VO5075000
CLINDAMYCIN PHOSPHATE see: GF2625000

GF2625000 CLINDAMYCIN-2-PHOSPHATE
UPDT:8309 CAS: 24729-96-2 MW: 505.02 MOLFM: C18-H34-Cl-N2-O8-P-S
SYN: 7(S)-CHLORO-7-DEOXYLINCOMYCIN 2-PHOSPHATE * CLEOCIN PHOSPHATE * CLINDAMYCIN PHOSPHATE * SOBELIN * U-28,508
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1832 mg/kg TXAPA9 27,308,74
* ipr-rat LD50:745 mg/kg IYKEDH 14,484,83
* scu-rat LD50:3861 mg/kg IYKEDH 14,484,83
* ivn-rat LD50:321 mg/kg IYKEDH 14,484,83
* orl-mus LD50:2539 mg/kg IYKEDH 14,484,83
* ipr-mus LD50:967 mg/kg IYKEDH 14,484,83
* scu-mus LD50:1036 mg/kg IYKEDH 14,484,83
* ivn-mus LD50:820 mg/kg IYKEDH 14,484,83
* ims-mus LD50:1100 mg/kg IYKEDH 14,484,83

CLINDROL 101CG see: JR1925000
CLINDROL 203CG see: JR1925000
CLINDROL 200CGN see: GG6200000
CLINDROL 202CGN see: GG6200000
CLINDROL 210CGN see: JR1925000
CLINDROL 200L see: JR1925000
CLINDROL LT 15-73-1 see: RF9968000
CLINDROL SDG see: WI4025000
CLINDROL SEG see: WI4100000
CLINDROL SUPERAMIDE 100CG see: GG6200000
CLINDROL SUPERAMIDE 100L see: JR1925000
CLINESTROL see: WJ5775000
CLINOFIBRATE see: ES8900000
CLINOXAN see: DF0525000
CLIOQUINOL see: VC5075000
CLIOXANIDE see: VN7885000
CLIQUINOL see: VC5075000
CLISTANOL see: AM4375000
CLISTIN see: US6350000
CLISTINE MALEATE see: US6350000
CLISTIN MALEATE see: US6350000
CLITIZINA see: NS2000000
CLIXODYNE see: AE4200000
CLM see: GM1650000
CL-MDA see: CY1050000
CLOAZEPAM see: DF2100000
CLOBAZAM see: DE9600000
CLOBENFUROL HEMISUCCINATE see: DF6844910
CLOBENZEPAM HYDROCHLORIDE see: HP2275000
CLOBENZOREX HYDROCHLORIDE see: SH0683700
CLOBERAT see: UE9480000
CLOBETASOL PROPIONATE see: TU3725000
CLOBETASOL 17-PROPIONATE see: TU3725000
CLOBETASONE BUTYRATE see: TU4154083
CLOBETASONE 17-BUTYRATE see: TU4154083
CLOBRAT see: UE9480000
CLOBREN-SF see: UE9480000
CLOBUTINOL see: SG7885000
CLOBUTINOL HYDROCHLORIDE see: DA0500000
CLOCAPRAMINE DIHYDROCHLORIDE see: DW1014000
CLOCARPRAMINE DIHYDROCHLORIDE see: DW1014000
CLOCETE see: AG0440000 ACETIC ACID, (p-CHLOROPHENOXY)-, 2-DIMETHYLAMINOETHYL ESTER,HYDROCHLORIDE
CLODANOLENE SODIUM see: NI9451700
CLODANTOIN see: MU2400000
CLOFAR see: UE9480000
CLOFEDANOL HYDROCHLORIDE see: DC7600000
CLOFENOTANE see: KJ3325000
CLOFENOXIN see: AG0430000
CLOFENVINFOS see: TB8750000
CLOFEXAMIDE, PHENYLBUTAZONE see: AB5822700
CLOFEXAMIDE-PHENYLBUTAZONE MIXT. see: AB5822700
CLOFEZON see: AB5822700
CLOFEZONE see: AB5822700
CLOFIBRAM see: UE9480000
CLOFIBRAT see: UE9480000
CLOFIBRATE see: UE9480000
CLOFIBRATO (Spanish) see: UE9480000
CLOFIBRIDE see: UE9458000
CLOFINIT see: UE9480000
CLOFIPRONT see: UE9480000
CLOFOP-ISOBUTYL see: UE9520000
CLOMACRAN see: AR6972000
CLOMACRAN PHOSPHATE see: AR6972100
CLOMETACILLIN SODIUM see: XH8921000
CLOMETACIN see: NL3490000
CLOMETHACILLIN SODIUM see: XH8921000
CLOMETHOCILLIN SODIUM see: XH8921000
CLOMETOCILLIN SODIUM see: XH8921000
CLOMID see: YE0875000
CLOMIFEN CITRATE see: YE0875000
CLOMIFENE see: YE0800000
cis-CLOMIFENE see: YE0820000
trans-CLOMIFENE see: YE0810000
trans-CLOMIFENE CITRATE see: YE0925000
CLOMIFENO see: YE0875000
CLOMIPHENE see: YE0800000
cis-CLOMIPHENE see: YE0820000
trans-CLOMIPHENE see: YE0810000
CLOMIPHENE A CITRATE see: YE0930000 TRIETHYLAMINE, 2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)-, CITRATE (1:1), (Z)-
CLOMIPHENE B see: YE0800000
CLOMIPHENE CITRATE see: YE0875000
cis-CLOMIPHENE CITRATE see: YE0930000 TRIETHYLAMINE, 2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)-, CITRATE (1:1), (Z)-
trans-CLOMIPHENE CITRATE see: YE0925000
CLOMIPHENE DIHYDROGEN CITRATE see: YE0875000
CLOMIPHENE-R see: YE0875000
CLOMIPHINE see: YE0875000
CLOMIPRAMINE see: HN9050000
CLOMIPRAMINE HYDROCHLORIDE see: HN9055000
CLOMIVID see: YE0875000
CLOMPHID see: YE0875000
CLONAZEPAM see: DF2100000
C-LONG see: CI7650000
CLONIDINE HYDROCHLORIDE see: NJ2490000
CLONITRALID see: VN8400000
CLONITRALID see: VN8575000
CLONIXIC ACID see: QT0960000 NICOTINIC ACID, 2-(3-CHLORO-o-TOLUIDINO)-
CLONIXIN see: QT0960000 NICOTINIC ACID, 2-(3-CHLORO-o-TOLUIDINO)-
CLONIXINE see: QT0960000 NICOTINIC ACID, 2-(3-CHLORO-o-TOLUIDINO)-
CLONT see: NI5600000
CLOPENOXIN see: AG0430000
CLOPEPRAMINE HYDROCHLORIDE see: AM6485000
CLOPERASTINE see: TM6491000
CLOPHEDIANOL HYDROCHLORIDE see: DC7600000
CLOPHEN see: TQ1350000
CLOPHEN A60 see: TQ1362000
CLOPHENOXATE see: AG0430000
CLOPIDOL see: UU7711500
CLOPOXIDE see: DE9275000
CLOPROSTENOL see: MJ9652000
CLOQUINOZINE TARTRATE see: VC8424000
CLORAFIN see: RV0450000
CLORALIO (Italian) see: FM7870000
CLORAMFICIN see: AB6825000
CLORAMICOL see: AB6825000
CLORAMIDINA see: AB6825000
CLORAMIN see: IA1750000
CLORARSEN see: SJ5775000
CLORAZEPATE DIPOTASSIUM see: DE8750000
CLORBETAMIDA see: AB6551000
CLOR CHEM T-590 see: XW5250000
CLORDAN (Italian) see: PB9800000
CLORDIAZEPOSSIDO (Italian) see: DE9275000
CLORDION see: TU3750000
CLOREPIN see: DE9600000
CLORESTROLO see: KV0600000
CLORETAT see: FF8925000
CLORETATE see: FF8925000
CLORETHATE see: FF8925000
CLOREX see: KN0875000
CLORFENIRAMINA (Italian) see: US6379500
3-(4-CLORFENOSSI)-3-METILISOBUTILAMMINA CLORIDRATO (Italian) see: EO4077000
2-(4-CLOROFENOSSI)-2-METILPROPILAMINA CLORIDRATA (Italian) see: UI0545000
CLORHIDRATO de CELIPROLOL (Spanish) see: YR6560000
CLORIDRATO DI 2-BENZIL-4,5-IMIDAZOLINA (Italian) see: NJ1925000
CLORILAX see: XJ1050000
CLORINDIONE see: NK5250000
CLORMETAZANONE see: XJ1050000
CLORMETAZON see: XJ1050000
CLORO (Italian) see: FO2100000
CLOROAMFENICOLO (Italian) see: AB6825000
3-CLOROANILINE (Italian) see: BX0350000
CLOROBEN see: CZ4500000
CLOROBENZENE (Italian) see: CZ0175000
(4-CLORO-BENZIL)-(4-CLORO-FENIL)-SOLFURO (Italian) see: WQ2975000
1-(p-CLOROBENZIL)-2-PIRROLIDIL-METIL-BENZIMIDAZOLO CLORIDRATO (Italian) see: DD6730000
1-p-CLORO-BENZOIL-5-METOXI-2-METILINDOL-3-ACIDO ACETICO (Spanish) see: NL3500000
2-CLORO-1,3-BUTADIENE (Italian) see: EI9625000
3-CLORO-alpha-N-BUTILAMMINOPROPIOANILIDE (Italian) see: UE4730000
(4-CLORO-BUT-2-IN-IL)-N-(3-CLORO-FENIL)-CARBAMMATO (Italian) see: FD7700000
CLOROCHINA see: VB2360000
CLOROCYN see: AB6825000
O-2-CLORO-1-(2,4-DICLORO-FENIL)-VINIL-O,O-DIETILFOSFATO (Italian) see: TB8750000
(2-CLORO-3-DIETILAMINO-1-METIL-3-OXO-PROP-1-EN-IL)-DIMETIL-FOSFATO (Italian) see: TC2800000
CLORODIFENILI, CLORO 42% (Italian) see: TQ1356000
CLORODIFENILI, CLORO 54% (Italian) see: TQ1360000
p-CLORO-alpha-(2-DIMETILAMINO)-1-METILETIL)-alpha-METIL FENETIL ALCOOL (Italian) see: SG7885000
p-CLORO-alpha-(2-DIMETILAMINO)-1-METILETIL)-alpha-METIL FENETIL ALCOOL CLORIDRATO (Italian) see: DA0500000
2-CLORO-4-DIMETILAMINO-6-METIL-PIRIMIDINA (Italian) see: UV8050000
2-CLORO-10 (3-DIMETILAMINOPROPIL)FENOTIAZINA (Italian) see: SN8925000
2-CLORO-4-(2,5-DIMETIL-1-PIRRIL)-4'-METILBENZOFENONE (Italian) see: DJ0384000
1-CLORO-2,4-DINITROBENZENE (Italian) see: CZ0575000
1-CLORO-2,3-EPOSSIPROPANO (Italian) see: TX4900000
CLOROETANO (Italian) see: KH7525000
2-CLOROETANOLO (Italian) see: KK0875000
(CLORO-2-ETIL)-1-CICLOESIL-3-NITROSOUREA (Italian) see: YS4900000
(CLORO-2-ETIL)-1-(RIBOFURANOSILISOPROPILIDENE-2',3'-PARANITROBENZOATO)-3-NITROSOUREA see: YS5079000
(CLORO-2-ETIL)-1-(RIBOPIRANOSILTRIACETATO-2',3',4')-3-NITROSOUREA (Italian) see: YS5079500
CLOROFENE see: GO7175000
(4-CLORO-FENIL)-BENZOL-SOLFONATO (Italian) see: DB5600000
(4-CLORO-FENIL)-4-CLORO-VENZOL-SOLFONATO (Italian) see: DB5250000
3-(4-CLORO-FENIL)-1,1-DIMETIL-UREA (Italian) see: YS6300000

BEST COPY AVAILABLE

2(2-(4-CLORO-FENIL-2FENIL)-ACETIL)INDAN-1,3-DIONE (Italian) see: NK5335000
alpha-(p-CLOROFENIL)-alpha-FENIL-2-PIPERIDILMETANOLO CLORIDRATO (Italian) see: TN0418500
alpha,-(p-CLOROFENIL)-alpha-FENIL-4-PIRIDILMETANOLO (Italian) see: UT4757000
N-(3-CLORO-FENIL)-ISOPROPIL-CARB*MMATO (Italian) see: FD8050000
3-(1-(4-CLORO-FENIL)-3-OXO-BUTIL)-4-IDROSSICUMARINA (Italian) see: GN4830000
alpha-2-(4-CLOROFENOXI)-2-METIL-PROPIONATO de (6-(IDROXIMETIL)-2-PIRIDINIL)-METIL HCl see: UE9503000
CLOROFORMIO (Italian) see: FS9100000
CLOROFOS (Russian) see: TA0700000
CLOROMETANO (Italian) see: PA6300000
7-CLORO-2-METILAMINO-5-FENIL-3H-1,4-BENZODIAZEPINA 4-OSSIDO (Italian) see: DE9275000
7-CLORO-3-METIL-2H-1,2,4-BENZOTIODIAZINA-1,1-DIOSSIDO (Italian) see: DK8185000
3-CLORO-2-METIL-PROP-1-ENE (Italian) see: UC8050000
CLOROMISAN see: AB6825000
1-CLORO-4-NITROBENZENE (Italian) see: CZ1050000
O-(3-CLORO-4-NITRO-FENIL)-O,O-DIMETIL-MONOTIOFOSFATO (Italian) see: TE8050000
O-(4-CLORO-3-NITRO-FENIL)-O,O-DIMETIL-MONOTIOFOSFATO (Italian) see: TE7875000
CLOROPHENE see: GO7175000
CLOROPICRINA (Italian) see: PB6300000
CLOROPIRIL see: US6379500
CLOROPIRIL see: US6475000
2-CLORO-4-(1'-PIRRIL)-4'-METILBENZOFENONE (Italian) see: DJ0420000
CLOROPRENE (Italian) see: EI9625000
CLOROSINTEX see: AB6825000
CLOROTEPINE see: TL1570000
CLOROTETRACICLINA CLORIDRATO (Italian) see: QI7800000
CLOROTRISIN see: KV0600000
CLOROX see: NH3486300
CLORENALINE HYDROCHLORIDE** see: DM9500000
CLORPROMAZINA (Italian) see: SM8925000
CLORPROPAMIDE (Italian) see: YS6650000
CLORTERAMINE HYDROCHLORIDE see: SH1150000
CLORTETRIN see: QI7700000
CLORTRAN see: UC0175000
CLORURO DI ETHENE (Italian) see: KI0525000
CLORURO DI ETILE (Italian) see: KH7525000
CLORURO DI ETILIDENE (Italian) see: KI0175000
CLORURO DI METALLILE (Italian) see: UC8050000
CLORURO DI METILE (Italian) see: PA6360000
CLORURO di SUCCINILCOLINA (Italian) see: GA2360000
CLORURO DI VINILE (Italian) see: KU9625000
CLORURO MERCUROSO (Italian) see: OV8750000
CLOSPIRAZINE HYDROCHLORIDE see: XI2277500
CLOSTRIDIUM OEDEMATIENS TYPE A TOXIN see: XW5816000
CLOTEPIN see: TL1570000
CLOTHEPIN see: TL1570000
CLOTHEPIN see: TL1570000
CLOTIAMINA see: XI7350000
CLOTIAZEPAM see: XJ9040000
CLOTRIDE see: DK9450000
CLOTRIMAZOL see: MI4377000
CLOTRIMAZOLE see: MI4377000
CLOUT see: PA2275000
CLOUT see: GU8390000

GF6885000 CLOVE BUD OIL
DEF: The main constituent is EUGENOL and found in the buds of EUGENIA CARYOPHYLLATA THUNB(FCTXAV 13,661.75)
UPDT:8305

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2650 mg/kg	FCTXAV 13,761.75
*	skn-rbt LD50:5000 mg/kg	FCTXAV 13,761.75

CLOVE LEAF OIL see: GF6890000

GF6890000 CLOVE LEAF OIL MADAGASCAR
UPDT:8305 CAS: 8015-97-2
SYN: CLOVE LEAF OIL * OILS, CLOVE LEAF

IRRITATION DATA AND REFERENCES:

	skn-mus 100%	FCTXAV 16,695.78
	skn-rbt 500 mg/24H SEV	FCTXAV 16,695.78
	skn-pig 100%	FCTXAV 16,695.78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1370 mg/kg	FCTXAV 16,695.78
*	skn-rbt LD50:1200 mg/kg	FCTXAV 16,695.78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GF6910000 CLOVE STEM OIL
UPDT:8305 CAS: 8015-98-3
SYN: OILS, CLOVE STEM

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2020 mg/kg	FCTXAV 13,765.75

CLOXACILLIN SODIUM MONOHYDRATE see: XH8920000
CLOXAPEN see: XH8920000
CLOXAZEPINE see: HQ4025000
CLOXAZOLAM see: RQ5831350
CLOXAZOLAZEPAM see: RQ5831350
CLOXYPEN see: XH8920000
CLOZAPIN see: MP1750000
CLOZAPINE see: MP1750000
CIP see: UO7520000
2-Cl-p-PD see: SS9000000
4-Cl-m-PD see: SS8800000
4-Cl-o-PD see: SS8850000
CIS-PREDIOXIN see: SL0537000
CL 13,850 SODIUM see: AB8050500
CL 5343 SODIUM SALT see: XI4400000
CLYSAR see: UD1642000
CM 1001 see: TQ9800000
CM 1011 see: TQ9800000
CM 1031 see: TQ9800000
CM 1041 see: TQ9800000
CMA see: SM0875000
CMA see: TU3750000
pCMA see: SM0875000
4-CMB see: DV2087000
CMB 50 see: FF5250100
CMB 200 see: FF5250100
CMC see: FJ5950000
CMC 2 see: FJ5950000
CMC 41A see: FJ5950000
CM-CELLULOSE Na SALT see: FJ5950000
CM-CELLULOSE SODIUM SALT see: FJ5950000
CMC 7H see: FJ5950000
CMC 4H1 see: FJ5950000
CMC 7M3SF see: FJ5950000
CMC 7L1 see: FJ5950000
CMC 7M see: FJ5950000
CMC 4M5 see: FJ5950000
CMC 7MT see: FJ5950000
CMC 3MST see: FJ5950000
CMC SODIUM SALT see: FJ5950000
CMDP see: GQ5250000
CME see: EX6300000
C-METON see: US6475000
CMH see: QM2975000
CMME see: KN6650000
CMMP see: YV9103000
CMNU see: YS4570000
CMP see: HA3980000
CMP (nucleoside) see: HA3980000
5'-CMP see: HA3980000
CMPABM see: ET4210000
CMPP see: UE9750000
CM S 2957 see: TF1590000
CMU see: YS6300000
CMW BONE CEMENT see: TR0400000
CMZ SODIUM see: XI0372200
CN see: AM6300000
CN 447 see: WH6733300
CN 3123 see: DA9501600
CN B676 see: ES6825200
CN-15,757 see: VT9625000
CN-27,554 see: CB4375000
CN-35355 see: CB4550000
CN-36337 see: CV2450000
CN 38703 see: VA3850000
CN 59,567 see: VN7885000
CN-20,172-3 see: UY4330000
CN-25,253-2 see: TN2272600
CN-52,372-2 see: GW1400000
CN-55945-27 see: UY1348500
CNA see: BX2975000
CN-B(sub 12) see: GG3750000
CNCC see: YT2150000
CNICIN see: LY4300000
CNICINE see: LY4300000

GF8094500 CNICUS SPICATUS, crude extract
UPDT:8408

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-mus TDLo:20 gm/kg (2D pre/1-3D preg)	MPHEAE 16,414,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GF8095000 CNICUS WALLICHII DC. var. WIGHTII Hook. f., extract excluding roots
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 9,91,71)
UPDT:8302
SYN: KANDLU EXTRACT

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:1000 mg/kg	IJEBA6 9,91,71

CNP see: KO2700000
CNP 1032 see: KO2700000
CNU see: YS5015000
CNU-ETHANOL see: YS4986000
CO 12 see: JR5775000
CO 101 see: TH7127000
CO 102 see: TH7126000
CO 103 see: TH9719000
CO 104 see: TH9730000
CO 105 see: TH7060000
CO 106 see: TI0190000 PHTHALIC ACID, BIS(2-DIETHYLAMINOETHYL) ESTER, HYDROCHLORIDE
CO 107 see: TH9716000
CO 108 see: TH9726000
CO 110 see: TH9738000
CO 111 see: TH9731000
CO 112 see: TI2700000
CO 114 see: TH9735000
CO 115 see: TH9720000
CO 116 see: TH9717000
CO 117 see: TH9715000
CO 118 see: TH9723000
CO 119 see: TH9733000
CO 120 see: TH9718000
CO 121 see: TH9725000
CO 123 see: TH9739000
CO 122 see: TH9736000
CO 124 see: TH9740000
CO 125 see: TH9727000
CO 126 see: TH9712000
CO 127 see: TH9714000
CO 128 see: TH9734000
CO 129 see: TH9722000
CO 898 see: DV8380000
CO-1214 see: JR5775000
CO-1670 see: MM0225000
CO-1695 see: MM0225000
CO-1895 see: RG2010000
CO-1897 see: RG2010000
COAD see: ZH5200000
COAL ASH see: GF8285000

GF8280500 COAL CONVERSION MATERIALS, SRC-II HEAVY DISTILLATE
UPDT:8305
SYN: SRC II HEAVY DISTILLATE

TUMORIGENIC DATA AND REFERENCES:

3V01R60V10	skn-mus TDLo:2870 mg/kg/2Y-I	NTIS** CONF-801143
3V01R60V10	skn-mus TD :285 gm/kg/2Y-I	NTIS** CONF-801143
3V01R60V10	skn-mus TD :28704 mg/kg/2Y-I	NTIS** CONF-801143

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GF8281000 COAL DUST
UPDT:8408
SYN: DUST, COAL

TUMORIGENIC DATA AND REFERENCES:

2V03P62	ihl-rat TCLo:6600 ug/m3/6H/86W-I	AIHAAP 42,382,81

BEST COPY AVAILABLE

3V03N61P62 ihl-rat TC :14900 ug/m3/6M/86W-I AIHAAP 42,382,81
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg/m3 (resp. dust frct. f.t. 5% quartz) DTLVS* 4,101,80
★ TLV-TWA 10 mg/m3/(% res. quartz + 2) (g.t.5% quartz) DTLVS* 4,101,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.4 mg/m3 (resp. fraction less than 5% SiO2) FEREAC 39,23540,74
★ OSHA STANDARD-air-TWA 10 mg/m3/(%SiO2 + 2) (greater than 5% SiO2) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GF8282000 COAL DUST, extract, nitrosated
UPDT:8312
SYN: NITROSATED COAL DUST EXTRACT
MUTATION DATA AND REFERENCES:
sce-hmn:lym 10 gm/L ENMUDM 5,440,83
msc-mus:lym 2 gm/L ENMUDM 5,440,83
sce-ham:ovr 3300 mg/L ENMUDM 5,440,83

COAL FACINGS (DOT) see: GF8300000

GF8285000 COAL FLY ASH
UPDT:8408 CAS: 68131-74-8
SYN: ASHES (residues) * COAL ASH
MUTATION DATA AND REFERENCES:
mmo-sat 1800 ug/plate BECTA6 32,179,84
mma-sat 1800 ug/plate BECTA6 32,179,84
mma-omi 535 mg/L SCIEAS 211,180,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

COAL GAS (DOT) see: MW3860000

GF8300000 COAL, GROUND BITUMINOUS (DOT)
UPDT:8308
SYN: COAL FACINGS (DOT) * COAL-MILLED * COAL SLAG-MILLED * NA 1361 (DOT) * SEA COAL (DOT)
TUMORIGENIC DATA AND REFERENCES:
3V03J12J60 ipl-rat TDLo:100 mg/kg AIHAAP 41,836,80
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg/m3 (dust) DTLVS* 4,101,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COAL LIQUID see: SE7175000
COAL-MILLED see: GF8300000
COAL NAPHTHA see: CY1400000
COAL OIL see: SE7175000
COAL OIL see: OA5500000
COAL OIL (export shipment only) (DOT) see: OA5500000
COAL OIL, HYDROGENATED, FRACTION 1 see: MW9140000
COAL OIL, HYDROGENATED, FRACTION 2 see: MW9150000
COAL OIL, HYDROGENATED, FRACTION 3 see: MW9160000
COAL OIL, HYDROGENATED, FRACTION 4 see: MW9170000
COAL OIL, HYDROGENATED, FRACTION 5 see: MW9180000
COAL OIL, HYDROGENATED, FRACTION 6 see: MW9190000
COAL OIL, HYDROGENATED, FRACTION 7 see: MW9200000
COAL OIL, HYDROGENATED, FRACTION 8 see: MW9210000
COAL OIL, HYDROGENATED, FRACTION 9 see: MW9220000

COAL SLAG-MILLED see: GF8300000

GF8600000 COAL TAR
UPDT:8408 CAS: 8007-45-2
SYN: CRUDE COAL TAR * ESTAR * IMPERVOTAR * LAVATAR * PIKALBOL * TAR * TAR, COAL * TAR, liquid (DOT) * UN 1999 (DOT) * ZETAR
IRRITATION DATA AND REFERENCES:
skn-hmn 15 ug/3D-I MLD 85DKAB -,127,77
skn-rbt 5%/3H MLD SCPHA4 43,11,75
MUTATION DATA AND REFERENCES:
oms-hmn-skn 5000 ppm 26UYAB -,335,71
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-mus TDLo:12 gm/kg/30W-C AJCAA7 26,552,36
3V01R60V10 skn-mus TDLo:64 gm/kg/36W-I AMIHBC 4,299,51
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85CVA2 5,63,70; ZHPMAT 166,113,78; PAASAH 54,171,59
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COAL TAR PRODUCTS recm std-air:TWA 0.1 mg/m3 che fraction NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GF8610000 COAL TAR, AEROSOL
DEF:BENZENE SOLUBLE FRACTION contains approximately 10% polycyclic hydrocarbons (1.4% BaP)(DTLVS* 3,57,71)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V01J60 ihl-mus TCLo:22 gm/m3/55W-I JNCIAM 39,175,67
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug/m3 (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COAL TAR PRODUCTS recm std-air:TWA 0.1 mg/m3 che fraction NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GF8615000 COAL TAR CREOSOTE
UPDT:8406 CAS: 8001-58-9
SYN: AWPA #1 * BRICK OIL * COAL TAR OIL * COAL TAR OIL (DOT) * CREOSOTE * CREOSOTE, COAL TAR (DOT) * CREOSOTE, from COAL TAR * CREOSOTE OIL * CREOSOTE OIL (DOT) * CREOSOTE #1 * CREOSOTUM * CRESYLIC CREOSOTE * DEAD OIL (DOT) * HEAVY OIL * LIQUID PITCH OIL * NA 1136 (DOT) * NA 1137 (DOT) * NA 1993 (DOT) * NAPHTHALENE OIL * RCRA WASTE NUMBER U051 * PRESERV-O-SOTE * TAR OIL * WASH OIL
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate MUREAV 119,21,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:14 gm/kg (91D male) OYYAA2 21,899,81
1T12 orl-rat TDLo:52416 mg/kg (91D pre) OYYAA2 21,899,81
1T02 orl-mus TDLo:131 gm/kg (91D male) OYYAA2 21,899,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:725 mg/kg TXAPA9 6,378,64
3F1:r24J25 orl-mus LD50:433 mg/kg OYYAA2 21,899,81
orl-dog LDLo:600 mg/kg 14CYAT 2,1394,63
orl-cat LDLo:600 mg/kg 14CYAT 2,1394,63
orl-rbt LDLo:600 mg/kg 14CYAT 2,1394,63
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COAL TAR PRODUCTS recm std-air:TWA 0.1 mg/m3 che fraction NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GF8617500 COAL TAR DISTILLATE (DOT)
UPDT:8308 CAS: 65996-92-1
SYN: COAL TAR DISTILLATES * DISTILLATES (COAL TAR) * UN 1136 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

COAL TAR DISTILLATES see: GF8617500

GF8620000 COAL TAR DYE, LIQUID (DOT)
UPDT:8308
SYN: NA 2801 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

GF8630000 COAL TAR LIGHT OIL (DOT)
UPDT:8308 CAS: 65996-91-0
SYN: COAL TAR UPPER DISTILLATE * DISTILLATES (COAL TAR), UPPER * NA 1136 (DOT) * NA 1137 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GF8635000 COAL TAR NAPHTHA (DOT)
UPDT:8404 CAS: 65996-79-4
SYN: NA 2553 (DOT) * SOLVENT NAPHTHA (COAL) * UN 2553 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1550
REPORTED IN EPA TSCA INVENTORY, 1983

COAL TAR OIL see: GF8615000
COAL TAR OIL (DOT) see: GF8615000

GF8655000 COAL-TAR PITCH
UPDT:8405 CAS: 65996-93-2
SYN: PITCH * PITCH, COAL TAR
TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:36 gm/kg/18W-I AJIMD8 2,59,81
3V02R60V10 skn-mus TD :4200 mg/kg/31W-I TXAPA9 18,41,71
3V01J60R60 skn-mus TD :82 gm/kg/52W-I HYSAAV 33(5),180,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JIDHAN 5,462,24; PAASAH 54,171,59
★ TLV-TWA 200 ug/m3 (volatile) DTLVS* 4,102,80
★ TLV-TWA HUMAN CARCINOGEN (volatile) DTLVS* 4,102,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug/m3 (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COAL TAR PRODUCTS recm std-air:TWA 0.1 mg/m3 che fraction NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COAL TAR UPPER DISTILLATE see: GF8630000
COANESIN see: TY8765000
COAPT see: AS7000000
COATHYLENE HA 1671 see: TQ3325000
COATHYLENE PF 0548 see: UD1842000
COBADEX see: GM8925000
COBADOCE FORTE see: GG3750000
COBALIN see: GG3750000

GF8750000 COBALT
UPDT:8404 CAS: 7440-48-4 MW: 58.93 MOLFM: Co
SYN: AQUACAT * C.I. 77320 * COBALT-59 * KOBALT (German, Polish) * NCI-C60311 * SUPER COBALT
TUMORIGENIC DATA AND REFERENCES:
3V02K60V10 ims-rat TDLo:126 mg/kg NATUAS 173,822,54
2V03Q60 imp-rbt TDLo:75 mg/kg ZEKBAI 52,425,42
2V02V10 ims-rat TD :126 mg/kg BJCAAI 10,668,56
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1500 mg/kg 14CYAT 2,1026,63
ipr-rat LDLo:250 mg/kg EQSSDX 1,1,75
ivn-rat LDLo:100 mg/kg EQSSDX 1,1,75
ilt-rat LDLo:25 mg/kg NTIS** AEC-TR-6710
orl-rbt LDLo:20 mg/kg AIPTAK 62,347,39
ivn-rbt LDLo:100 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TRBMAV 33(1),85,75; AEMBAP 40,239,73; ADTEAS 5,51,72; KOTTAM 11(11),1300,75; FOREAE 7,313,42; MIBUBI 9(4),321,75; FCTXAV 9,105,71; 85CVA2 5,63,70; PEXTAR 12,102,69; GSAMAQ 123,109,71; AMTODM 3,209,77
★ TLV-TWA 50 ug/m3; STEL 100 ug/m3 (dust, vapor) DTLVS* 4,103,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7027 and 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COBALT-59 see: GF8750000
COBALT ACETATE see: AG3150000
COBALT ACETATE (Co(OAc)2) see: AG3150000
COBALT(2 +) ACETATE see: AG3150000

BEST COPY AVAILABLE

COBALT(II) ACETATE see: AG3150000
COBALT ACETATE TETRAHYDRATE see: AG3325000
COBALT(II) ACETATE TETRAHYDRATE see: AG3325000

GF9180000 COBALT ALLOY, Co,Cr
UPDT:8411 CAS: 11114-92-4
SYN: CHROMIUM-COBALT ALLOY * COBALT-CHROMIUM ALLOY * DIN 2.4602 * DIN 2.4964 * HASTELLOY C * HAYNES 25 * HAYNES ALLOY NUMBER 25 * HAYNES STELLITE 21 * HEV-4 * HS 21 * HS 25 * Rh15N55M16 * Rh15N55M16V * S 816 * STELLITE 8 * STELLITE 21 * STELLITE 23 * STELLITE 25 * STELLITE 27 * STELLITE 30 * STELLITE 31 * STELLITE 36 * STELLITE 8A * STELLITE C * VITALLIUM * ZIMALLOY
TUMORIGENIC DATA AND REFERENCES:
3V03Q60V10 ims-rat TDLo:140 mg/kg LANCAO 1,564,71
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 23,205,80
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Cr)/m3 FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GF9268000 COBALTATE(2-), BIS(L-ASPARTATO)-
UPDT:8305 MW: 321.13 MOLFM: C8-H10-Co-N2-O8
SYN: BIS(L-ASPARTATO)COBALTATE(2-)
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:120 mg/kg FRMBAZ 29,215,81

GF9270000 COBALTATE(2-), BIS(L-CYSTINATO)-
UPDT:8312 CAS: 81876-66-6 MW: 535.55 MOLFM: C12-H20-Co-N4-O8-S4
SYN: BIS(L-CYSTINATO)COBALTATE(2-)
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:160 mg/kg FRMBAZ 29,215,81

GF9272000 COBALTATE(1-), BIS((7,8,9,10,11-eta)-UNDECAHYDRO-7,8-DICARBAUNDECABORATO(2-))-, POTASSIUM
UPDT:8403 CAS: 51212-80-7 MW: 362.87 MOLFM: C4-H22-B18-Co-K
SYN: POTASSIUM-COBALT-BIS-DICAPBALLID
TOXICITY DATA AND REFERENCES:
2F23J22 ipr-mus LD50:87500 ug/kg MERAA9 26(6),62,81

GF9470000 COBALTATE(3-), HEXACYANO-, TRIPOTASSIUM
UPDT:8311 MW: 332.35 MOLFM: C6-Co-N6-3K
SYN: POTASSIUM COBALTICYANINE * TRIPOTASSIUM HEXACYANOCOBALTATE
TOXICITY DATA AND REFERENCES:
" orl-mus LD50:1529 mg/kg JPMSAE 52,59,63

COBALTATE(3-), HEXAKIS(NITRITO-N)-, TRISODIUM (OC-6-11)- (9CI) see: GF9480000

GF9480000 COBALTATE(3-), HEXANITRO-, TRISODIUM
UPDT:8109 CAS: 13600-98-1 MW: 403.96 MOLFM: Co-N6-O12-3Na
SYN: COBALTATE(3-), HEXAKIS(NITRITO-N)-, TRISODIUM (OC-6-11)- (9CI) * SODIUM COBALTINITRITE * SODIUM HEXANITROCOBALTATE * SODIUM NITROCOBALTATE (III) * TRISODIUM HEXANITRITOCOBALTATE * TRISODIUM HEXANITROCOBALTATE(3-) * TRISODIUM HEXANITROCOBALTATE * TRISODIUM HEXANITROCOBALTATE(3-)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T43 ipr-mus TDLo:50 mg/kg (10D preg) JPMSAE 58,766,69
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GF9520000 COBALTATE (1-), TETRACARBONYL-
UPDT:8407 CAS: 14971-27-8 MW: 170.97 MOLFM: C4-Co-O4
SYN: COBALTATE(1-), TETRACARBONYL-, (T-4)- (8CI,9CI) * COBALT TETRACARBONYL * TETRACARBONYLCOBALTATE(1-) * TETRACARBONYLCOBALTATE ANION * TETRACARBONYLCOBALTATE(1-) ION
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:754 mg/kg GISAAA 38(1),97,73
ipr-mus LD50:378 mg/kg GISAAA 38(1),97,73
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
COBALTATE(1-), TETRACARBONYL-, (T-4)- (8CI,9CI) see: GF9520000
COBALT-BERYLLIUM COPPER see: GL5840000

GF9534500 COBALT, BIS(L-ASPARAGINATO)-, DIHYDRATE
UPDT:8305 MW: 357.23 MOLFM: C8-H14-Co-N4-O6-2H2-O
SYN: BIS(L-ASPARAGINATO)COBALT DIHYDRATE
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:160 mg/kg FRMBAZ 29,215,81

COBALT, BIS(N-9H-FLUOREN-2-YL-N-HYDROXYACETAMIDATO-O,O')- (9CI) see: AK8925000

GF9539000 COBALT, BIS(GLYCINATO)-, TRIHYDRATE
UPDT:8305 CAS: 14281-74-4 MW: 261.13 MOLFM: C4-H8-Co-N2-O4-3H2-O
SYN: BIS(GLYCINATO)COBALT * COBALT GLYCINATE * COBALT, BIS(GLYCINATO-N,O)-, TRIHYDRATE
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:120 mg/kg FRMBAZ 29,215,81

COBALT, BIS(GLYCINATO-N,O)-, TRIHYDRATE see: GF9539000

GF9543200 COBALT, BIS(DL-ISOLEUCINATO)-
UPDT:8305 MW: 319.31 MOLFM: C12-H24-Co-N2-O4
SYN: BIS(DL-ISOLEUCINATO)COBALT
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:160 mg/kg FRMBAZ 29,215,81

GF9545000 COBALT, BIS(L-LEUCINATO)-
UPDT:8305 MW: 319.31 MOLFM: C12-H24-Co-N2-O4
SYN: BIS(L-LEUCINATO)COBALT
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:160 mg/kg FRMBAZ 29,215,81

GF9546000 COBALT, BIS(DL-METHIONINATO)-
UPDT:8305 MW: 355.37 MOLFM: C10-H20-Co-N2-O4-S2
SYN: BIS(DL-METHIONINATO)COBALT
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:160 mg/kg FRMBAZ 29,215,81

GF9547200 COBALT, BIS(L-3-PHENYLALANINATO)-
UPDT:8305 MW: 387.33 MOLFM: C18-H20-Co-N2-O4
SYN: BIS(L-3-PHENYLALANINATO)COBALT
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:160 mg/kg FRMBAZ 29,215,81

GF9549000 COBALT, BIS(L-SERINATO)-, DIHYDRATE
UPDT:8305 CAS: 36431-24-0 MW: 303.17 MOLFM: C6-H12-Co-N2-O6-2H2-O
SYN: BIS(L-SERINATO)COBALT DIHYDRATE * COBALT, BIS(L-SERINATO-N,O(sup 1),O(sup 3))-, DIHYDRATE, L-
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:80 mg/kg FRMBAZ 29,215,81

COBALT, BIS(L-SERINATO-N,O(sup 1),O(sup 3))-, DIHYDRATE, L- see: GF9549000

GF9563000 COBALT, BIS(L-TRYPTOPHANATO)-
UPDT:8305 MW: 463.39 MOLFM: C22-H20-Co-N4-O4
SYN: BIS(L-TRYTOPHANATO)COBALT
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:60 mg/kg FRMBAZ 29,215,81

GF9565600 COBALT, BIS(L-TYROSINATO)-
UPDT:8305 CAS: 32680-74-3 MW: 419.33 MOLFM: C18-H20-Co-N2-O6
SYN: BIS(L-TYROSINATO)COBALT
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:80 mg/kg FRMBAZ 29,215,81

GF9565750 COBALT, BIS(DL-VALINATO)-, TRIHYDRATE
UPDT:8305 CAS: 28000-83-1 MW: 345.31 MOLFM: C10-H20-Co-N2-O4-3H2-O
SYN: BIS(DL-VALINATO)COBALT TRIHYDRATE
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:120 mg/kg FRMBAZ 29,215,81

COBALT BLACK see: GG2800000
COBALT BOROFLUORIDE see: GG0700000
COBALT BORON TETRAFLUORIDE see: GG0700000

GF9595000 COBALT(II) BROMIDE
UPDT:8308 CAS: 7789-43-7 MW: 218.75 MOLFM: Br2-Co
SYN: COBALT DIBROMIDE * COBALTOUS BROMIDE * COBALTOUS BROMIDE (DOT) * NA 9103 (DOT)
TOXICITY DATA AND REFERENCES:
3F07K12U01 orl-rat LD50:406 mg/kg FCTOD7 20,311,82
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GF9600000 COBALT CARBONATE
UPDT:8109 CAS: 7542-09-8 MW: 118.94 MOLFM: C-Co-O3
SYN: CARBONIC ACID, COBALT SALT (8CI,9CI)
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:2002 mg/kg EQSSDX 1,1,75
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

GF9610000 COBALT CARBONATE, COBALT DIHYDROXIDE (2:3)
UPDT:8012 MW: 516.73 MOLFM: C2-Co2-O6-Co3-H6-O6
MUTATION DATA AND REFERENCES:
mrc-hcs 50 mmol/L MUREAV 77,109,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

COBALT CARBONYL see: GG0300000

GF9625000 COBALT CARBONYLS
UPDT:7901
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:1400 mg/m3 14CYAT 2,1108,63
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COBALT CHLORIDE see: GF9800000

GF9800000 COBALT(2+) CHLORIDE
UPDT:8411 CAS: 7646-79-9 MW: 129.83 MOLFM: Cl2-Co
SYN: COBALT CHLORIDE * COBALT(II) CHLORIDE * COBALT DICHLORIDE * COBALT MURIATE * COBALTOUS CHLORIDE * COBALTOUS DICHLORIDE * KOBALT CHLORID (German)
MUTATION DATA AND REFERENCES:
mrc-bcs 50 mmol/L MUREAV 77,109,80
dnd-omi 750 umol/L SCIEAS 198,513,77
mmo-smc 6 mmol/L MGGEAE 174,39,79
mrc-smc 100 umol/L MUREAV 117,149,83
dni-hmn:hla 1 mmol/L MUREAV 92,427,82
dns-ham:emb 200 umol/L MUREAV 131,173,84
msc-ham:lng 200 umol/L MUREAV 68,259,79
dnd-mam:lym 750 umol/L SCIEAS 198,513,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:11 mg/kg (1-22D preg) GISAAA 45(2),6,80
2T25T34 ipr-rat TDLo:30 gm/kg (15-16D preg) TJADAB 29(3),23A,84
1T43 ipr-mus TDLo:25 mg/kg (10D preg) JPMSAE 58,766,69
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:400 mg/kg/19D-I LBANAX 11,43,77
TOXICITY DATA AND REFERENCES:
3F14N05U01 orl-chd TDLo:48 mg/kg JAMAAP 157,117,55
orl-chd LDLo:1500 mg/kg 342IAG -,182,69
orl-rat LD50:80 mg/kg HYSAAV 36,277,71
ivn-rat LD50:20 mg/kg AIPTAK 143,219,63
orl-mus LD50:80 mg/kg HYSAAV 36,277,71
ipr-mus LD50:49 mg/kg AEPPAE 244,17,62
scu-mus LDLo:100 mg/kg 27ZWAY 3,2,1444,-
ivn-dog LDLo:36 mg/kg HBAMAK 4,1289,35
orl-rbt LDLo:1272 mg/kg SMSJAR 26,131,1826
scu-rbt LDLo:200 mg/kg HBAMAK 4,1289,35
orl-gpg LD50:55 mg/kg HYSAAV 36,277,71
" skn-gpg LDLo:165 mg/kg AEHLAU 11,201,65
" ipr-gpg LDLo:165 mg/kg AEHLAU 11,201,65
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COBALT(II) CHLORIDE see: GF9800000
COBALT CHLORIDE, HEXAHYDRATE (8CI,9CI) see: GG0200000
COBALT(II) CHLORIDE HEXAHYDRATE see: GG0200000

BEST COPY AVAILABLE

GG0200000 COBALT(2+) CHLORIDE HEXAHYDRATE
UPDT:8408 CAS: 7791-13-1 MW: 237.95 MOLFM: Cl2-Co-6H2-O
SYN: COBALT CHLORIDE HEXAHYDRATE (8Cl,9Cl) * COBALT(II) CHLORIDE HEXAHYDRATE * COBALT DICHLORIDE HEXAHYDRATE * COBALTOUS CHLORIDE, HEXAHYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ivn-mus TDLo:47590 mg/kg (8D preg) ENVRAI 33,47,84

TOXICITY DATA AND REFERENCES:
3F11K12U01 orl-rat LD50:766 mg/kg FCTOD7 20,311,82
ipr-rat LD50:35 mg/kg JAPYAA 32,315,72
scu-rat LDLo:121 mg/kg EQSSDX 1,1,75
ipr-mus LD50:90 mg/kg AEPPAE 244,17,62
scu-mus LDLo:100 mg/kg EQSSDX 1,1,75
ivn-dog LDLo:30 mg/kg EQSSDX 1,1,75
* scu-rbt LDLo:200 mg/kg MEIEDD 10,346,83
ivn-rbt LDLo:25 mg/kg EQSSDX 1,1,75

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COBALT-CHROMIUM ALLOY see: GF9180000
COBALT-CHROMIUM-MOLYBDENUM ALLOY see: ZA7072000
COBALT DIACETATE see: AG3150000
COBALT DIACETATE TETRAHYDRATE see: AG3325000
COBALT DIBROMIDE see: GF9595000

GG0300000 COBALT, DI-mu-CARBONYLHEXACARBONYLDI-, (Co-Co)
UPDT:8408 CAS: 10210-68-1 MW: 341.94 MOLFM: C8-Co2-O8
SYN: COBALT CARBONYL * COBALT OCTACARBONYL * COBALT TETRACARBONYL * COBALT TETRACARBONYL DIMER * DI-mu-CARBONYLHEXACARBONYLDICOBALT * DICOBALT CARBONYL * DICOBALT OCTACARBONYL * OCTACARBONYLDICOBALT

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:378 mg/kg MEIEDD 10,448,83
* ihl-rat LC16:15200 ug/kg/2H 85GMAT -,49,82
* orl-mus LD50:754 mg/kg MEIEDD 10,448,83
* ihl-mus LC50:27 mg/m3/2H 85GMAT -,49,82

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug/m3 DTLWS* 4,104,81

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COBALT DICHLORIDE see: GF9800000
COBALT DICHLORIDE HEXAHYDRATE see: GG0200000

GG0350000 COBALT, DI-pi-CYCLOPENTADIENYL-
UPDT:8401 CAS: 1277-43-6 MW: 189.13 MOLFM: C10-H10-Co
SYN: BIS(CYCLOPENTADIENYL)COBALT * COBALTOCENE * DICYCLOPENTADIENYLCOBALT

TUMORIGENIC DATA AND REFERENCES:
2V03V10 ims-rat TDLo:200 mg/kg/60W-I NCIUS* PH 43-64-886,SEPT,71

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:55 mg/kg NCIUS* PH 43-64-886,JAN,65
ipr-mus LD50:80 mg/kg NCIUS* PH 43-64-886,JAN,65

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COBALT DIFLUORIDE see: GG0770000
COBALT DIFORMATE see: LQ7450000
COBALT DINITRATE see: GG1109000
COBALT DINITRATE HEXAHYDRATE see: QU7355500
COBALT DIPERCHLORATE HEXAHYDRATE see: GG2975000
COBALT DISULFIDE see: GG3310000

GG0700000 COBALT(II)FLUOBORATE
UPDT:8109 CAS: 26490-63-1 MW: 232.55 MOLFM: B2-Co-F8
SYN: BORATE(1-), TETRAFLUORO-, COBALT(2+) (8Cl,9Cl) * COBALT BOROFLUORIDE * COBALT BORON TETRAFLUORIDE * COBALTOUS TETRAFLUOROBORATE

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg NCNSA6 5,27,53

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
COBALT N-FLUOREN-2-YLACETOHYDROXAMATE see: AK8925000

GG0770000 COBALT(II) FLUORIDE
UPDT:8209 CAS: 10026-17-2 MW: 96.93 MOLFM: Co-F2
SYN: COBALT DIFLUORIDE * COBALTOUS FLUORIDE

TOXICITY DATA AND REFERENCES:
3F07K12U01 orl-rat LD50:150 mg/kg FCTOD7 20,311,82

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COBALT FORMATE see: LQ7450000
COBALT GLYCINATE see: GF9539000

GG0900000 COBALT HYDROCARBONYL
UPDT:8207 CAS: 16842-03-8 MW: 171.98 MOLFM: C4-H-Co-O4
SYN: COBALT TETRACARBONYLHYDRO- (8Cl,9Cl) * HYDRIDOTETRACARBONYLCOBALT * HYDROCOBALT TETRACARBONYL * TETRACARBONYLHYDRIDOCOBALT * TETRACARBONYLHYDROCOBALT

TOXICITY DATA AND REFERENCES:
ihl-rat LC50:165 mg/m3/30M 34ZIAG -,182,69

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug/m3 DTLWS* 4,101,81

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GG0904000 COBALT HYDROXIDE
UPDT:8201 CAS: 1307-86-4 MW: 109.96 MOLFM: Co-H3-O3
SYN: COBALT(III) HYDROXIDE * COBALTIC HYDROXIDE * COBALT TRIHYDROXIDE

MUTATION DATA AND REFERENCES:
mrc-bcs 250 mmol/L MUREAV 77,109,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
COBALT(III) HYDROXIDE see: GG0904000
COBALTIC HYDROXIDE see: GG0904000
COBALTIC OXIDE see: GG2900000
COBALT MOLYBDATE see: QA4730000
COBALT(2+) MOLYBDATE see: QA4730000
COBALT MOLYBDENUM OXIDE see: QA4730000
COBALT MONOOXIDE see: GG2800000
COBALT MONOSULFATE HEPTAHYDRATE see: GG3200000
COBALT MONOSULFIDE see: GG3325000
COBALT MONOXIDE see: GG2800000
COBALT MURIATE see: GF9800000
COBALT NAPHTHENATE see: QK8925000
COBALT NAPHTHENATE, powder (DOT) see: QK8925000
COBALT NITRATE see: GG1109000
COBALT(2+) NITRATE see: GG1109000
COBALT(II) NITRATE see: GG1109000

GG1109000 COBALT(II) NITRATE (1:2)
UPDT:8401 CAS: 10141-05-6 MW: 182.95 MOLFM: N2-O6-Co
SYN: COBALT DINITRATE * COBALT NITRATE * COBALT(2+) NITRATE * COBALT(II) NITRATE * COBALTOUS NITRATE * NITRIC ACID, COBALT(2+) SALT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 ifl-rat TDLo:14636 ug/kg (1D male) JRPFA4 7,21,64
1T02 scu-mus TDLo:14636 ug/kg (30D male) JRPFA4 7,21,64

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rbt TDLo:4530 ug/kg/5D-C COREAF 236,1387,53

TOXICITY DATA AND REFERENCES:
3F07K12U01 orl-rat LD50:434 mg/kg FCTOD7 20,311,82
* orl-rbt LDLo:400 mg/kg BSESA3 9,313,76
ims-pgn LDLo:50 mg/kg HBAMAK 4,1289,35
scu-frg LDLo:150 mg/kg HBAMAK 4,1289,35

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COBALT NITRATE HEXAHYDRATE see: QU7355500
COBALT(II) NITRATE HEXAHYDRATE see: QU7355500
COBALT(2+) NITRATE HEXAHYDRATE see: QU7355500
COBALT NITROPRUSSIDE see: LJ8400000
COBALT NITROSOPENTACYANOFERRATE(3-) see: LJ8400000
COBALTOCENE see: GG0350000
COBALT OCTACARBONYL see: GG0300000
COBALTOUS ACETATE see: AG3150000
COBALTOUS ACETATE TETRAHYDRATE see: AG3325000
COBALTOUS BROMIDE see: GF9595000
COBALTOUS BROMIDE (DOT) see: GF9595000
COBALTOUS CHLORIDE see: GF9800000
COBALTOUS CHLORIDE, HEXAHYDRATE see: GG0200000
COBALTOUS DIACETATE see: AG3150000
COBALTOUS DICHLORIDE see: GF9800000
COBALTOUS FLUORIDE see: GG0770000
COBALTOUS FORMATE see: LQ7450000
COBALTOUS FORMATE (DOT) see: LQ7450000
COBALTOUS MOLYBDATE see: QA4730000
COBALTOUS NITRATE see: GG1109000
COBALTOUS NITRATE HEXAHYDRATE see: QU7355500
COBALTOUS OXIDE see: GG2800000
COBALTOUS PERCHLORATE, HEXAHYDRATE see: GG2975000
COBALTOUS PHOSPHATE see: TB9279000
COBALTOUS PHOSPHATE OCTAHYDRATE see: TB9279500
COBALTOUS SULFAMATE (DOT) see: WO5966570
COBALTOUS SULFATE see: GG3100000
COBALTOUS SULFATE HEPTAHYDRATE see: GG3200000
COBALTOUS SULFIDE see: GG3325000
COBALTOUS TETRAFLUOROBORATE see: GG0700000
COBALT OXIDE see: GG2800000
COBALT OXIDE (8Cl,9Cl) see: GG2900000

GG2800000 COBALT(2+) OXIDE
UPDT:8401 CAS: 1307-96-6 MW: 74.93 MOLFM: Co-O
SYN: C.I. 77322 * C.I. PIGMENT BLACK 13 * COBALT BLACK * COBALT MONOOXIDE * COBALT MONOXIDE * COBALTOUS OXIDE * COBALT OXIDE * COBALT(II) OXIDE * MONOCOBALT OXIDE * ZAFFRE

TUMORIGENIC DATA AND REFERENCES:
2V01A60 ims-rat TDLo:135 mg/kg CNREA8 22,152,62
3V03Q60V10 ims-rat TD :90 mg/kg CNREA8 22,158,62

TOXICITY DATA AND REFERENCES:
3F07K12U01 orl-rat LD50:202 mg/kg FCTOD7 20,311,82
ihl-rat LDLo:50 mg/kg NTIS** AEC-TR-6710
scu-mus LD50:125 mg/kg ZVKOA6 19,186,74

BEST COPY AVAILABLE

ims-mus LDLo:800 mg/kg CNREAB 22,152,62
orl-dog LDLo:89 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COBALT(3+) OXIDE see: GG2900000
COBALT(II) OXIDE see: GG2800000

GG2900000 COBALT(III) OXIDE

UPDT:8109 CAS: 1308-04-9 MW: 165.86 MOLFM: Co2-O3
SYN: C.I. 77323 * COBALTIC OXIDE * COBALT C.XIDE (BCI.9CI) * COBALT(3+) OXIDE * COBALT PEROXIDE * COBALT SESQIOXIDE * COBALT SESQUIOXIDE * COBALT TRIOXIDE * DICOBALT OXIDE * DICOBALT TRIOXIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:703 mg/kg EQSSDX 1,1,75
scu-mus LD50:2064 mg/kg ZVKOA6 19,186,74
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
COBALT PERCHLORATE HEXAHYDRATE see: GG2975000

GG2975000 COBALT(II) PERCHLORATE, HEXAHYDRATE

UPDT:8109 CAS: 13478-33-6 MW: 365.95 MOLFM: Cl2-O8 Co 6H2-O
SYN: COBALT DIPERCHLORATE HEXAHYDRATE * COBALTOUS PERCHLORATE HEXAHYDRATE * COBALT PERCHLORATE HEXAHYDRATE * PERCHLORIC ACID, COBALT(II) SALT, HEXAHYDRATE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:160 mg/kg JAFCAU 14,512,66
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
COBALT PEROXIDE see: GG2900000
COBALT PHOSPHATE see: TB9279000
COBALT(II) PHOSPHATE see: TB9279000
COBALT PHOSPHATE OCTAHYDRATE see: TB9279500
COBALT(II) PHOSPHATE OCTAHYDRATE see: TB9279500

GG2979800 COBALT RESINATE, precipitated

UPDT:8308
SYN: COBALT RESINATE, precipitated (DOT) * UN 1318 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
COBALT RESINATE, precipitated (DOT) see: GG2979800
COBALT SALTS see: AK8925000
COBALT SESQIOXIDE see: GG2900000
COBALT SESQUIOXIDE see: GG2900000
COBALT SULFAMATE see: WO5966570
COBALT SULFATE see: GG3100000
COBALT SULFATE (1:1) see: GG3100000
COBALT (2+) SULFATE see: GG3100000
COBALT(II) SULFATE see: GG3100000

GG3100000 COBALT (II) SULFATE (1:1)

UPDT:8412 CAS: 10124-43-3 MW: 154.99 MOLFM: O4-S Co
SYN: COBALTOUS SULFATE * COBALT SULFATE * COBALT SULFATE (1:1) * COBALT(II) SULFATE * COBALT (2+) SULFATE * COBALT(II) SULPHATE * SULFURIC ACID, COBALT(2+) SALT (1:1)
TOXICITY DATA AND REFERENCES:
3F11K12U01 orl-rat LD50:424 mg/kg FCTOD7 20,311,82
ipr-mus LD50:54 mg/kg COREAF 256,1043,63
ivn-dog LDLo:20 mg/kg HBAMAK 4,1289,35
orl-rbt LDLo:1800 mg/kg HBAMAK 4,1289,35
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GG3200000 COBALT(II) SULFATE (1:1), HEPTAHYDRATE

UPDT:8209 CAS: 10026-24-1 MW: 281.13 MOLFM: Co-O4-S 7H2-O
SYN: COBALT MONOSULFATE HEPTAHYDRATE * COBALTOUS SULFATE HEPTAHYDRATE * COBALT(II) SULPHATE HEPTAHYDRATE * SULFURIC ACID, COBALT(2+) SALT (1:1), HEPTAHYDRATE (BCI.9CI)
TOXICITY DATA AND REFERENCES:
3F11K12U01 orl-rat LD50:768 mg/kg FCTOD7 20,311,82
ivn-dog LDLo:16 mg/kg EQSSDX 1,1,75
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
COBALT SULFIDE see: GG3325000

GG3310000 COBALT SULFIDE

UPDT:8209 CAS: 12013-10-4 MW: 123.05 MOLFM: Co-S2
SYN: COBALT DISULFIDE * COBALT SULFIDE (crystalline)
MUTATION DATA AND REFERENCES:
otr-ham:emb 1 mg/L CRNGDP 3,175,82
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GG3325000 COBALT(2+) SULFIDE

UPDT:8401 CAS: 1317-42-6 MW: 90.99 MOLFM: Co-S
SYN: COBALT MONOSULFIDE * COBALTOUS SULFIDE * COBALT SULFIDE
MUTATION DATA AND REFERENCES:
dnd-ham:ovr 10 mg/L CRNGDP 3,657,82
TUMORIGENIC DATA AND REFERENCES:
3V03Q60V10 ims-rat TDLo:180 mg/kg CNREAB 22,158,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COBALT SULFIDE (crystalline) see: GG3310000
COBALT(II) SULPHATE see: GG3100000
COBALT(II) SULPHATE HEPTAHYDRATE see: GG3200000
COBALT TETRACARBONYL see: GF9520000
COBALT TETRACARBONYL see: GG0300000
COBALT TETRACARBONYL DIMER see: GG0300000
COBALT, TETRACARBONYLHYDRO- (BCI.9CI) see: GG0900000
COBALT TRIHYDROXIDE see: GG0904000

GG3430000 COBALT, (TRINITROAMMINE)

UPDT:8308 MW: 210.97 MOLFM: Co-N4-O6
SYN: TRINITROAMINE COBALT (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
COBALT TRIOXIDE see: GG2900000
COBAMIN see: GG3750000
COBEX see: XS9990000
COBEX (HERBICIDE) see: XS9990000
COBEXO see: XS9990000
COBEX (POLYMER) see: KV0350000
COBH see: DH6125000

GG3750000 COBINAMIDE, CYANIDE PHOSPHATE 3'-ESTER with 5,6-DIMETHYL-1-alpha-D- RIBOFURANOSYLBENZIMIDAZOLE, inner SALT

UPDT:8306 CAS: 68-19-9 MW: 1355.55 MOLFM: C63-H88-Co N14-O14-P
SYN: ANACOBIN * B-12 * BERUBIGEN * BETALIN-12 * BETALIN 12 CRYSTALLINE * BETALINE 12 * BEVATINE-12 * BEVIDOX * B-TWELVE * B-TWELVE ORA * BYLADOCE * CABADON M * CN-B(sub 12) * COBADOCE FORTE * COBALIN * COBAMIN * COBICINE * COTEL * COVIT * CRYSTAMIN * CRYSTWEL * CYANO-B12 * CYANOCOBALAMIN * CYANOCOBALAMINE * CYCOLAMIN * CYKOBEMINET * CYREDIN * CYTACON * CYTAMEN * CYTOBION * DEPINAR * 5,6-DIMETHYLBENZIMIDAZOLYLCOBAMIDE CYANIDE * DIMETHYLBENZIMIDAZOLYLCOBAMIDE * DISTIVIT (B12 PEPTIDE) * DOBETIN * DOCEMINE * DOCIBIN * DOCIGRAM * DODECABEE * DODECAVITE * DODEX * DUCOBEE * DUODECIBIN * EMBIOL * EMOCICLINA * ERITRONE * ERYCYTOL * ERYTHROTIN * EUHAEMON * EXTRINSIC FACTOR * FACTOR II * FACTOR III (VITAMIN) * FRESMIN * HEMO-B-DOZE * HEMOMIN * HEPAGON * HEPAVIS * HEPCOVITE * LACTOBACILLUS LACTIS DORNER FACTOR * LLD FACTOR * MACRABIN * MEGABION * MEGABION * MEGALOVEL * MILBEDOCE * NAGRAVON * NORMOCYTIN * PERNAEMON * PERNAEVIT * PERNIPURON * PLECYAMIN * POYAMIN * REBRAMIN * REDAMINA * REDISOL * RHODACRYST * RUBESOL * RUBRAMIN * RUBRAMIN PC * RUBRIPCA * RUBROCITOL * SYTOBEX * VIBALT * VIBISONE * VIRUBRA * VITAMIN B12 * VITAMIN B12B * VITAMIN B12 COMPLEX * VITAMIN B(sub 12) PREPARATION * VITARUBIN * VITA-RUBRA * VITRAL * VI-TWEL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T81T83 orl-rat TDLo:115 mg/kg (1-22D preg) NATUAS 242,263,73
2T46T53 ims-mus TDLo:168 mg/kg (10D preg) JPMSAE 67,377,78
1T34 ims-mus TDLo:84 mg/kg (11D preg) JPMSAE 67,377,78
TOXICITY DATA AND REFERENCES:
2F12F13 ipr-mus LDLo:1364 ug/kg ARPAAQ 49,278,50
scu-mus LDLo:3 mg/kg ARPAAQ 49,278,50
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COBIONE see: GG3750000
COBOX see: GL7020000
COBOX BLUE see: GL7020000
COBRAGIFT (German) see: YX4180000
COBRATEC #99 see: DM1225000
COCAFURIN see: LT7700000
COCAIN-CHLORHYDRAT (German) see: YM3050000
COCAINE see: YM2800000
(-)-COCAINE see: YM2800000
beta-COCAINE see: YM2800000
l-COCAINE see: YM2800000
COCAINE ALLYL BROMIDE see: YM3357000
COCAINE CHLORIDE see: YM3050000
COCAINE HYDROCHLORIDE see: YM3050000
(-)-COCAINE HYDROCHLORIDE see: YM3050000
l-COCAINE HYDROCHLORIDE see: YM3050000
COCAINE METHIODIDE see: YM3540000
(-)-COCAINE METHIODIDE see: YM3540000
COCAINE MURIATE see: YM3050000
d-COCAINE TARTRATE see: UL4900000

GG4855000 COCA LEAF EXTRACT

UPDT:8311
SYN: ERTHROXYLON COCA EXTRACT
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:3450 mg/kg PBBHAU 17,1087,82
COCARTRIT see: VB2360000
COCCICID see: LW5920000
COCCIDINE A see: XS4200000
COCCIDIOSTAT C see: UU7711500
COCCIDOT see: XS4200000
COCCINE see: QJ6530000

GG4950000 COCCINIA INDICA W. & A., root extract

DEF:Indian plant belonging to the family CUCURBITACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: KUNDROO ROOT EXTRACT
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:750 mg/kg IJEBA6 7,250,69
COCCIN RED see: QJ6530000
COCCOCLASE see: DA9625000
COCCULIN see: TJ9100000
COCCULUS see: TJ9100000

GG5340500 COCCULUS HIRSUTUS (Linn.) Diels, extract excluding roots

DEF:Indian plant belonging to the family MENISPERMACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

GG5341000 COCCULUS LAURIFOLIUS DC., leaf extract

DEF:Indian plant belonging to the family MENISPERMACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: TILPHORA LEAF EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

BEST COPY AVAILABLE

GG5341200 COCCULUS LAURIFOLIUS DC., root extract
DEF:Indian plant belonging to the family MENISPERMACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: TILPHORA ROOT EXTRACT

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:75 mg/kg IJEBA6 7,250,69

GG5343000 COCCULUS PENDULUS (Forsk.) Diels, extract excluding roots
DEF:Indian plant belonging to the family MENISPERMACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: PARWATTI EXTRACT

TOXICITY DATA AND REFERENCES:
3H30J30V30 ipr-mus LD50:400 mg/kg IJEBA6 7,250,69

COCCULUS, SOLID (FISHBERRY) (DOT) see: TJ9100000
COCHENILLE DYE see: GG5350000
COCHINEAL see: GG5350000

GG5350000 COCHINEAL (dye)
UPDT:8405 CAS: 1343-78-8
SYN: COCHENILLE DYE * COCHINEAL

MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate AMONDS 3,253,80
cyt-ham:lng 5100 mg/L GMCRDC 27,95,81

COCHINEAL RED A see: QJ6530000
COCHINEAL RED A SPECIALLY PURE see: QJ6530000
COCHINEAL RED 4R see: QJ6530000
COCOANUT OIL see: GG6040000
COCO-DIAZINE see: WP1925000
COCO DIETHANOLAMIDE see: JR1925000

GG6005000 COCOLODE
DEF:Aqueous extract of the plant without root (JNCIAM 52,445,74)
UPDT:8401
SYN: HELIOTROPIUM ANGIOSPERMUM

TUMORIGENIC DATA AND REFERENCES:
3V02J60V10 scu-rat TDLo:300 gm/kg/60W-I JNCIAM 52,445,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COCONUT ALDEHYDE see: LU3675000
COCONUT BUTTER see: GG6040000
COCONUT DIETHANOLAMIDE see: GG6200000

GG6040000 COCONUT OIL
UPDT:8312 CAS: 8001-31-8
SYN: COCOANUT OIL * COCONUT BUTTER * COCONUT PALM OIL * COPRA * COPRA (DOT) * COPRA OIL * FREE COCONUT OIL * UN 1363 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-C; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GG6200000 COCONUT OIL ACID DIETHANOLAMINE
UPDT:8412 CAS: 68603-42-9
SYN: AMIDES, COCO, N,N-BIS(HYDROXYETHYL) * CLINDROL 200CGN * CLINDROL 202CGN * CLINDROL SUPERAMIDE 100CG * COCONUT DIETHANOLAMIDE * ETHYLAN LD * NCI-C55312 * NINOL 2012E

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

COCONUT OIL AMIDE OF DIETHANOLAMINE see: JR1925000
COCONUT PALM OIL see: GG6040000

GG6517000 COCOS NUCIFERA Linn. (Dab), leaf extract
DEF:Indian plant belonging to the family PALMACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

GG6518000 COCOS NUCIFERA L., leaf and stem extract
DEF:Jamaican plant belonging to the family PALMAE (JPPMAB 14,536,62)
UPDT:8403

TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:4 gm/kg JPPMAB 14,556,62

COCULINE see: QD2170000
CODAL see: AN3430000
CODECHINE see: GV4900000
CODE N 133 see: DI3500000
CODEINE see: QD0893000
CODEINE BROMOMETHYLATE see: QD0189040
CODEINE, DIHYDRO see: QD1680000
CODEINE HYDROBROMIDE see: QD1040000
(-)-CODEINE HYDROBROMIDE see: QD1040000
CODEINE METHYLBROMIDE see: QD0189040
CODEINE, NICOTINATE (ester) see: QD1225000
CODEINE PHOSPHATE see: QD1310000
CODEINE PHOSPHATE 1.5 HYDRATE see: QD1320000
CODEINE, PHOSPHATE, SESQUIHYDRATE see: QD1320000
CODEINE SULFATE see: QD1400000
CODELCORTONE see: TU4152000
CODELSOL see: TU4153300
CODEMPIRAL see: AM4375000
CO-DERGOCRINE MESYLATE see: KE8800000
CODETHYLINE see: QD0850000
CODETHYLINE HYDROCHLORIDE see: QD0874000
CODHYDRINE see: QD1680000

GG8241000 CODIAEUM VARIEGATUM Blume, extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

GG8242000 CODIAEUM VARIEGATUM Muell. var. PICTUM ev. Mr. Peters, leaf extract
UPDT:8408

TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76

CODIAZINE see: WP1925000
CODIBARBITA see: CQ6825000

GG8385000 COD LIVER OIL
UPDT:8403 CAS: 8001-69-2
SYN: COD LIVER OIL DISTILLATE * COD LIVER OIL FERRATED * GADISTOL * GADUOL * MORRHUAE * TUNOL * VIKING

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

COD LIVER OIL DISTILLATE see: GG8385000
COD LIVER OIL FERRATED see: GG8385000
CODYLIN see: QD1575000

GG8400000 COELICOLORIN
UPDT:8309 CAS: 1403-39-0

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg 85GDA2 5,402,81

GG8410000 COELOGYNE OCHRACEA Lindl., extract
DEF:Indian plant belonging to the family ORCHIDACEAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

COENZYME Q(sub 10) see: DK3900000
COERULIGNOL see: SL8050000
CO-ESTRO see: GL1224000

GG8447000 COFFEA ARABICA Linn., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 9,91,71)
UPDT:8302

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

GG8447500 COFFEA BENGALENSIS Roxb., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 9,91,71)
UPDT:8302

TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

COFFEARIN see: YF6825000
COFFEARINE see: YF6825000

GG8449000 COFFEE
UPDT:8402

MUTATION DATA AND REFERENCES:
mma-sat 25 mg/plate FCTXAV 18,605,80
mma-sat 50 mg/plate CDPRD4 3,507,81
mma-esc 12 mg/plate MUREAV 116,179,83
pic-esc 12 mg/plate MUREAV 116,179,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43146 orl-rat TDLo:2811 gm/kg (35D pre/1-22D preg) TXAPA9 44,1,78
1T53 orl-rat TDLo:5622 gm/kg (35D pre/1-22D preg) TXAPA9 44,1,78
1T46 orl-rat TDLo:670 mg/kg (91D pre-21D post) TXAPA9 58,171,81
1T81 orl-rat TDLo:1340 gm/kg (91D pre-21D post) TXAPA9 58,171,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COFFEIN (German) see: EV6475000 CAFFEINE
COFFEINE see: EV6475000
COFORMYCIN see: NI2931500
CO-FRAM see: DA9501600
COGAZOCINE LACTATE see: UA2465200
COGESIC see: UY5640000
COGILOR BLUE 512.12 see: BQ4725000
COGILOR RED 321.10 see: BP3675000
COGILOR VIOLET 411.12 see: BQ1140000
COGOMYCIN see: LT3850000 FUNGICHROMIN, HYDRATE
COHASAL-IN see: AZ5820000
CO-HYDELTRA see: TU4152000
COHYDRIN see: QD1680000
COIR DEEP BLACK C see: QJ6160000
COKE see: YM2800000
COKE (COAL) see: GH0304500

GH0304500 COKE, HOT (DOT)
UPDT:8308 CAS: 65996-77-2
SYN: COKE (COAL)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GH0346000 COKE OVEN EMISSIONS
UPDT:8301

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 150 ug/m3 CFRGBR 29,1910.1029,81
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO C.O.E recm std-air:work practices to minimize exposure NTIS**

COKE POWDER see: FF5250100
COLACE see: WN0525000
COLACID BLUE A see: QJ6300000
COLACID ORANGE see: DB7084000 BENZENESULFONIC ACID, 4-[(2-HYDROXY-1-NAPHTHALENYL)AZO]-,MONOSODIUM SALT
COLACID ORANGE G see: QJ6500000
COLACID PONCEAU 4R see: QJ6530000
COLACID PONCEAU SPECIAL see: QJ6825000
COLALIN see: FZ9350000
COLAMINE see: KJ5775000

GH0380500 COLANIC ACID
UPDT:8308 CAS: 9012-87-7

MUTATION DATA AND REFERENCES:
dnd-esc 20 gm/L PNASA6 78,2043,81
dnd-ckn:leu 1870 ug/L PNASA6 78,2043,81

GH0381000 COLA NITIDA, leaf or stem extract
UPDT:8311

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:31 mg/kg CPBTAL 13,882,65

COLASCOR see: CI7650000
COLASPASE see: CI9000000
COLCEMID see: GH0800000
COLCEMIDE see: GH0800000
COLCHAMIN see: GH0800000
COLCHAMINE see: GH0800000

GH0520000 COLCHICEINE
UPDT:8303 CAS: 477-27-0 MW: 383.45 MOLFM: C21-H23-N-O6
SYN: 7-ACETAMIDO-10-HYDROXY-1,2,3-TRIMETHOXY-6,7-DIHYDROBENZO(a)HEPTALEN-9(5H)-ONE * N-ACETYL TRIMETHYLCOLCHICINIC ACID * BENZO(a)HEPTALEN-9(5H)-ONE, 7-ACETAMIDO-6,7-DIHYDRO-10-HYDROXY-1,2,3-TRIMETHOXY- * BENZO(a)HEPTALEN-10(5H)-ONE, 7-ACETAMIDO-6,7-DIHYDRO-9-HYDROXY-1,2,3-TRIMETHOXY- * O(sup 10)-DEMETHYLCOLCHICINE

MUTATION DATA AND REFERENCES:
oms-mus-ipr 42 mg/kg CANCAR 3,130,50
oms-mus-por 84 mg/kg CANCAR 3,134,50
spm-mus-par 84 mg/kg CANCAR 3,134,50

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:43 ug/kg PCOC** -,250,66
unk-rat LDLo:30 mg/kg CANCAR 3,125,50
ipr-mus LD50:84 mg/kg CANCAR 3,124,50
ivn-mus LD50:1 mg/kg COREAF 241,1889,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COLCHICEINE, N-DEACETYL- (8CI) see: GH0960000

BEST COPY AVAILABLE

COLCHICIDE see: AC8752000
COLCHICIN (German) see: GH0700000
COLCHICINA (Italian) see: GH0700000

GH0700000 COLCHICINE
UPDT:8412 CAS: 64-86-8 MW: 399.48 MOLFM: C22-H25-N-O6
SYN: ACETAMIDE, N-(5,6,7,9-TETRAHYDRO-1,2,3,10-TETRAMETHOXY-9-OXOBENZO(alpha)HEPTALEN-7-YL)- * N-ACETYL TRIMETHYLCOLCHICINIC ACID METHYLETHER * BENZO(a)HEPTALEN-9(5H)-ONE, 7-ACETAMIDO-6,7 DIHYDRO-1,2,3,10-TETRAMETHOXY- * COLCHICIN (German) * COLCHICINA (Italian) * 7-alpha-H-COLCHICINE * COLCHINEOS * COLCHISOL * COLCIN * COLSALOID * CONDYLON * NSC 757

IRRITATION DATA AND REFERENCES:
eye-rbt 1%/3D SEV AJOPAA 31,837,48

MUTATION DATA AND REFERENCES:
mma-esc 10 mg/L/3H CRSUBM 3,69,55
oms-dmg:ath 100 mg/L IJEBA6 22,67,84
sln-dmg-ihl 5 ppm/3D ENMUDM 5,376,83
oms-nml:oth 50 umol/L CNREA8 37,3071,77
oms-nml:oth 50 umol/L CNREA8 37,3071,77
dni-hmn:hla 230 nmol/L BCPCA6 25,1383,76
cyt-hmn:hla 50 nmol/L ECREAL 79,95,73
msc-hmn:fbr 10 ug/L CSHSAZ 29,151,65
mnt-mus-ipr 1250 ug/kg/24H PSDTAP 15,275,74
dni-mus:oth 500 ug/L CNREA8 37,2998,77
oms-mus-ipr 350 ug/kg CANCAR 3,130,50
oms-mus:lym 500 nmol/L CNREA8 42,791,82
oms-mus-par 3500 ug/kg CANCAR 3,134,50
oms-mus:ast 10 umol/L JCROD7 102,57,81
oms-mus/ast 3330 ug/kg JCROD7 102,57,81
cyt-mus:ast 4 umol/L JCROD7 102,57,81
msc-mus:emb 666 ppm JEZOAO 137,349,58
spm-mus-ipr 3 mg/kg/5D PNASA6 72,4425,75
spm-mus-par 3500 ug/kg CANCAR 3,134,50
cyt-ham:fbr 1 mg/L/10M BEXBAN 77,313,74
dni-rbt:kdy 30 nmol/L ECREAL 36,92,64

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ipr-rat TDLo:250 ug/kg (1D male) HIKYAJ 12,1339,66
3T41T81T85 scu-rat TDLo:1200 ug/kg (18-20D preg) DEPBA5 9,119,76
1T33 scu-rat TDLo:1200 ug/kg (18-20D preg) DEPBA5 9,119,76
1T25 scu-rat TDLo:5 mg/kg (8D preg) JOMAAL 36,516,55
1T24 ipr-mus TDLo:2500 ug/kg (1D male) TXAPA9 23,288,72
3T41T42T45 ipr-mus TDLo:500 ug/kg (7D preg) TJADAB 18,31,78
1T53 ipr-mus TDLo:500 ug/kg (7D preg) TJADAB 18,31,78
1T33 ipr-mus TDLo:1 mg/kg (8D preg) TJADAB 18,31,78
2T46T35 ipr-mus TDLo:500 ug/kg (8D preg) TJADAB 18,31,78
3T41T45T46 scu-mus TDLo:2 mg/kg (7-10D preg) PJACAW 42,822,66
3T41T42T43 scu-mus TDLo:1250 ug/kg (9D preg) CAJPBD 7,61,67
2T35T42 scu-mus TDLo:3750 ug/kg (4-6D preg) JFHZAB 16,514,68
1T35 scu-mus TDLo:1 mg/kg (9D preg) CAJPBD 7,61,67
1T01 itt-mus TDLo:320 mg/kg (2D male) JEEMAF 51,73,79
1T02 scu-rbt TDLo:22500 ug/kg (30D male) JPETAB 115,319,55
1T29 ivn-rbt TDLo:4 mg/kg (1D pre) FESTAS 38,238,82
3T41T42T45 ivn-ham TDLo:10 mg/kg (8D preg) PSEBAA 112,775,63
2T35T46 ivn-ham TDLo:10 mg/kg (8D preg) PSEBAA 112,775,63
1T19 ivn-dom TDLo:1 mg/kg (1D pre) JRPFA4 49,115,77

TOXICITY DATA AND REFERENCES:
2M30P01 ivn-wmn LDLo:60 ug/kg/6D NPMADD 9,1587,80
3F07H02K13 par-hmn TDLo:710 ug/kg AIMDAP 137,394,77
ipr-rat LD50:6100 ug/kg TXAPA9 24,37,73
scu-rat LDLo:4 mg/kg AIPTAK 84,257,50
3F07F15K12 ivn-rat LD50:1600 ug/kg TXAPA9 13,50,68
3F11F12F13 ocu-rat LDLo:1 mg/kg AIPTAK 109,386,57
* par-rat LDLo:1000 ug/kg FRPSAX 15,533,60
unk-rat LDLo:1 mg/kg 85DZAJ -,315,68
ipr-mus LD50:2 mg/kg BAFEAG 42,308,55
* scu-mus LD50:1200 ug/kg NIIRDN 6,280,82
* ivn-mus LD 0:1700 ug/kg NIIRDN 6,280,82
1U01 ims-mus LD50:1197 ug/kg JMCMAR 24,257,81
orl-dog LDLo:125 ug/kg 85DZAJ -,315,68
scu-dog LDLo:571 ug/kg HBAMAK 4,1289,35
unk-dog LDLo:5 mg/kg AEXPBL 27,119,1890
orl-cat LDLo:125 ug/kg 85DZAJ -,315,68
scu-cat LDLo:500 ug/kg HBAMAK 4,1289,35
orl-rbt LDLo:50 mg/kg CRSBAW 67,768,1909
scu-rbt LDLo:5 mg/kg CRSBAW 67,768,1909
ivn-rbt LDLo:3 mg/kg CRSBAW 67,768,1909
3L30P27P30 orl-gpg LDLo:12500 ug/kg APAVAY 320,93,51
unk-pgn LDLo:30 mg/kg AEXPBL 27,119,1890
* orl-qal LD50:42 mg/kg JRPFA4 48,371,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: KDYIA5 10,82,76; 32XPAD -,49,75; ARVPAX 5,447,65; CRTXB2 2,159,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

7-alpha-H-COLCHICINE see: GH0700000

GH0708000 COLCHICINE, N-(p-AMINOBENZENESULFONYL)-N-DEACETYL-
UPDT:8305 MW: 512.62 MOLFM: C26-H28-N2-O7-S
SYN: N-(p-AMINOBENZENESULFONYL)-N-DEACETYLCOLCHICINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:114 mg/kg APFRAD 24,419,66

COLCHICINE, N-(alpha-L-ARABINOPYRANOSYL)-N-DEACETYL-10-DEMETHOXY-10-(METHYLTHIO)- see: DF9484000 BENZO(a)HEPTALEN-9(5H)-ONE, 7-(alpha-L-ARABINOSYLAMINO)-6,7-DIHYDRO-1,2,3-TRIMETHOXY-10- (METHYLTHIO)-, (S)-

COLCHICINE, N-BENZOYL-N-DEACETYL- see: GH0790000

COLCHICINE, 10-(BENZYLAMINO)-10-DEMETHOXY- see: AC8755000 ACETAMIDE, N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-9-OXO-10-((PHENYLMETHYL)AMINO)BENZO(a) HEPTALEN-7-YL)-, (S)-

COLCHICINE, 10-(BENZYLTHIO)-10-DEMETHOXY- see: AC8756000 ACETAMIDE, N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-9-OXO-10-((PHENYLMETHYL)THIO)BENZO(a) HEPTALEN-7-YL)-, (S)-

GH0740000 COLCHICINE, 17-CHLORO-
UPDT:8408 CAS: 26279-89-0 MW: 433.92 MOLFM: C22-H24-Cl-N-O6

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:1251 ug/kg JMCMAR 24,636,81

COLCHICINE, 7-DEACETAMIDO-7-(METHYLAMINO)- see: GH0800000

GH0785000 COLCHICINE, N-DEACETYL-
UPDT:8303 CAS: 3476-50-4 MW: 357.44 MOLFM: C20-H23-N-O5
SYN: BENZO(a)HEPTALEN-9(5H)-ONE, 7-AMINO-6,7-DIHYDRO-1,2,3,10-TETRAMETHOXY-, (S)- (9CI) * COLCHINIC ACID TRIMETHYL * DEACETYLCOLCHICINE * N-DEACETYLCOLCHICINE * DESACETYLCOLCHICINE * N-DESACETYLCOLCHICINE * TMCA METHYL ETHER * TRIMETHYLCOLCHICINIC ACID METHYL ETHER * TRIMETHYLCOLCHICINSAEUREMETHYL ESTER (German)

MUTATION DATA AND REFERENCES:
oms-mus-ipr 460 ug/kg CANCAR 3,130,50
oms-mus-par 46 mg/kg CANCAR 3,134,50
spm-mus-par 46 mg/kg CANCAR 3,134,50

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:46 mg/kg MDREP* No.204,49
1U01 ims-mus LD50:49 mg/kg JMCMAR 24,257,81
unk-cat LDLo:5 mg/kg CANCAR 3,124,50

GH0790000 COLCHICINE, N-DEACETYL-N-BENZOYL-
UPDT:8408 CAS: 63989-75-3 MW: 461.55 MOLFM: C27-H27-N-O6
SYN: BENZAMIDE, N-(5,6,7,9-TETRAHYDRO-1,2,3,10-TETRAMETHOXY-9-OXOBENZO(a)HEPTALEN-7-YL)-, (S)- * N-BENZOYL TMCA METHYL ETHER * N-BENZOYL TRIMETHYL COLCHICINIC ACID METHYL ETHER * N-BENZOYLTRIMETHYLCOLCHICINSAEUREMETHYLAETHER * COLCHICINE, N-BENZOYL-N-DEACETYL-

MUTATION DATA AND REFERENCES:
oms-mus-ipr 8 mg/kg CANCAR 3,130,50
oms-mus-par 32 mg/kg CANCAR 3,134,50
spm-mus-par 32 mg/kg CANCAR 3,134,50

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:32 mg/kg MDREP* No.204,49
* ims-mus LD50:27924 mg/kg JMCMAR 26,135,83
scu-cat LDLo:12500 ug/kg AEXPBL 72,228,13

COLCHICINE, N-DEACETYL-10-DEMETHOXY-N-(beta-d-GLUCOPYRANOSYL)-10-(METHYLTHIO)- see: DF9488000 BENZO(a)HEPTALEN-9(5H)-ONE, 7-(beta-D-GLUCOPYRANOSYLAMINO)-6,7-DIHYDRO-1,2,3-TRIMETHOXY-10- (METHYLTHIO)-, (S)-

GH0800000 COLCHICINE, N-DEACETYL-N-METHYL-
UPDT:8412 CAS: 477-30-5 MW: 371.47 MOLFM: C21-H25-N-O5
SYN: BENZO(a)HEPTALEN-9(5H)-ONE, 6,7-DIHYDRO-1,2,3,10-TETRAMETHOXY-7-(METHYLAMINO)-, (S)- * CIBA 12669A * COLCEMID * COLCEMIDE * COLCHAMIN * COLCHAMINE * COLCHICINE, 7-DEACETAMIDO-7-(METHYLAMINO)- * COLCHINE, N-DEACETYL-N-METHYL * COLEMID * DEACETYLMETHYLCOLCHICINE * DEACETYL-N-METHYLCOLCHICINE * N-DEACETYL-N-METHYLCOLCHICINE * DEMECOLCIN * DEMECOLCINE * DESACETYLMETHYLCOLCHICINE * N-DESACETYLMETHYLCOLCHICINE * N-DESACETYL-N-METHYLCOLCHICINE * DESMECOLCHINE * DESMECOLCINE * 6,7-DIHYDRO-1,2,3,10-TETRAMETHOXY-7-(METHYLAMINO)-BENZO(alpha)HEPTALEN-9(5H)-ONE * KOLCHAMIN * KOLKAMIN * METHYLCOLCHICINE * N-METHYLDEMECOLCINE * N-METHYL-N-DESACETYLCOLCHICINE * NSC 3096 * OMAIN * OMAINE * SANTAVY'S SUBSTANCE F * SUBSTANCE F

MUTATION DATA AND REFERENCES:
oms-dmg:oth 100 mg/L IJEBA6 22,67,84
sln-dmg-orl 1 ppm/7D MUREAV 23,179,74
spm-dmg-orl 100 mg/L JULRA7 48,242,74
cyt-hmn:hla 100 nmol/L JJEMAG 40,409,70
cyt-hmn:oth 10 ug/L TSITAQ 12,382,70
mnt-mus-ipr 2500 ug/kg/24H MUREAV 23,239,74
oms-mus:emb 80 ug/L JCLLAX 83,401,74
cyt-mus-ipr 1 mg/kg AJANA2 137,67,73
mnt-ham-ipr 20 mg/kg/24H MUREAV 40,325,76
otr-ham:emb 10 ug/L CRNGDP 5,89,84
cyt-ham:ovr 15 ug/L CYTGAX 8,158,69
cyt-ham:lng 60 ug/L ECREAL 94,299,75
cyt-ham:emb 10 ug/L CRNGDP 5,89,84
cyt-ham:fbr 5 ug/L MUREAV 139,127,84
sln-ham:oth 18 ug/L CGCGBR 12,165,73
sln-ham:fbr 5 ug/L MUREAV 139,127,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T35 scu-rat TDLo:3 mg/kg (7-9D preg) COREAF 247,152,58
3T41T42T45 ipr-mus TDLo:1800 ug/kg (8D preg) AMZOAF 6,551,66
1T25 ipr-mus TDLo:1800 ug/kg (8D preg) AMZOAF 6,551,66
1T35 scu-rbt TDLo:500 ug/kg (12D preg) FESTAS 18,7,67
1T34 unk-rbt TDLo:2500 ug/kg (2-26D preg) CCPTAY 2,85,70

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:1700 ug/kg ARZNAD 20,1467,70
par-rat LD50:1700 ug/kg ERCRBU 52,76,75
1V30 ipr-mus LD50:87 mg/kg JMCMAR 24,636,81
1U01 ims-mus LD50:87 mg/kg JMCMAR 24,257,81

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JAMAAP 172,1765,60

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GH0820000 COLCHICINE, N-DEACETYL-N-(p-NITROBENZOYL)-
UPDT:8408 CAS: 76129-13-0 MW: 506.55 MOLFM: C27-H26-N2-O8
SYN: BENZAMIDE, 4-NITRO-N-(5,6,7,9-TETRAHYDRO-1,2,3,10-TETRAMETHOXY-9-OXOBENZO(a)HEPTALEN-7-YL)- * N-DEACETYL-N-(p-NITROBENZOYL)COLCHICINE

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:19 mg/kg JMCMAR 24,636,81

COLCHICINE, N-DEACETYL-, TARTRATE (BCI) see: GH0845000

GH0845000 COLCHICINE, N-DEACETYL-, d-TARTRATE
UPDT:8303 CAS: 27963-65-1 MW: 507.54 MOLFM: C20-H23-N-O5 C4-H6-O6
SYN: CITOSTAL * COLCHICINE, N-DEACETYL- TARTRATE (BCI) * TMCA * TRIMETHYLCOLCHICINIC ACID METHYL ETHER D-TARTRATE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:63 mg/kg CANCAR 3,124,50

GH0875000 COLCHICINE, N-DEACETYL-10-THIO-
UPDT:8305 CAS: 2731-16-0 MW: 373.50 MOLFM: C20-H23-N-O4-S
SYN: CORPS R. 261 * N-DEACETYLMETHYLTHIOCOLCHICINE * N-DEACETYLTHIOCOLCHICINE * N-DESACETYLTHIOCOLCHICINE * R 261

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ivn-mky TDLo:6 mg/kg (13-14W preg) ACEDAB 166,435,72

TOXICITY DATA AND REFERENCES:
3K12K13P14 ivn-hmn TDLo:71 ug/kg/D BAFEAG 42,308,55
* ipr-rat LD50:175 mg/kg PSEBAA 98,479,58
* ims-rat LD50:37 mg/kg PSEBAA 98,479,58
3F11F12F13 ocu-rat LDLo:2 mg/kg AIPTAK 109,386,57
* par-rat LDLo:2000 ug/kg FRPSAX 15,533,60
orl-mus LD50:50 mg/kg BAFEAG 42,308,55
ipr-mus LD50:210 mg/kg AICCA6 13,431,57
2F11F12 ivn-mus LD50:80 mg/kg AIPTAK 107,150,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COLCHICINE, 10-DEMETHOXY-17-HYDROXY-10-METHYLTHIO- see: AC4020000 ACETAMIDE, 2-HYDROXY-N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-10-(METHYLTHIO)-9-OXOBENZO(a) HEPTALEN-7-YL)-, (S)-

GH0878800 COLCHICINE, 10-DEMETHOXY-10-METHYLTHIO-
UPDT:8408 CAS: 2730-71-4 MW: 415.54 MOLFM: C22-H25-N-O5-S
SYN: COLCHICINE, 10-THIO- * 10-DEMETHOXY-10-METHYLTHIOCOLCHICINE

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:997 ug/kg JMCMAR 24,636,81

COLCHICINE, 10-DEMETHOXY-10-(METHYLTHIO)-17,17,17-TRIFLUORO- see: AD0190000 ACETAMIDE,2,2,2-TRIFLUORO-N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-10-(METHYLTHIO)-9-OXOBENZO (a)HEPTALEN7-YL)-, (S)-

GH0880000 COLCHICINE, O(sup 2)-DEMETHYL-
UPDT:8305 CAS: 7336-36-9 MW: 386.46 MOLFM: C21-H24-N-O6
SYN: O(sup. 2)-DEMETHYLCOLCHICINE * 2-DEMETHYLCOLCHICINE

TOXICITY DATA AND REFERENCES:
3F11F12F13 ocu-rat LDLo:75 ug/kg AIPTAK 109,386,57

BEST COPY AVAILABLE

3F15F18K12 orl-mus LD50:19 mg/kg AIPTAK 94,453,53
3F11F12F13 ipr-mus LD50:16 mg/kg AIPTAK 109,386,57
1U01 ims-mus LD50:16577 ug/kg JMCMAR 24,257,81

COLCHICINE, O(sup 3)-DEMETHYL- see: GH0880500 COLCHICINE, 3-O-DEMETHYL-

GH0880500 COLCHICINE, 3-O-DEMETHYL-
UPDT:8408 CAS: 7336-33-6 MW: 385.45 MOLFM: C21-H23-N-O6
SYN: COLCHICINE, O(sup 3)-DEMETHYL- * 3-O-DEMETHYLCOLCHICINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:570 ug/kg JMCMAR 24,636,81

GH0882000 COLCHICINE, O(sup 2)-DEMETHYL-10-THIO-
UPDT:8305 MW: 401.51 MOLFM: C21-H23-N-O5-S
SYN: 2-DEMETHYLTHIOCOLCHICINE * O(sup 2)-DEMETHYL-10-THIOCOLCHICINE
TOXICITY DATA AND REFERENCES:
3F11F12F13 ocu-rat LDLo:25 ug/kg AIPTAK 109,386,57
3F11F12F13 ipr-mus LD50:30 mg/kg AIPTAK 109,386,57

GH0887000 COLCHICINE, 17-FLUORO-
UPDT:8408 CAS: 26195-68-6 MW: 417.47 MOLFM: C22-H24-F-N-O6
SYN: 17-FLUOROCOLCHICINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:852 ug/kg JMCMAR 24,636,81

COLCHICINE, 10-THIO- see: GH0878800 COLCHICINE, 10-DEMETHOXY-10-METHYLTHIO-

GH0960000 COLCHICINIC ACID, TRIMETHYL-
UPDT:8303 CAS: 3482-37-9 MW: 343.41 MOLFM: C19-H21-N-O5
SYN: BENZO(a)HEPTALEN-9(5H)-ONE, 7-AMINO-6,7-DIHYDRO-10-HYDROXY-1,2,3-TRIMETHOXY-, (S)- (9CI) * COLCHICEINE, N-DEACETYL- (8CI) * DEACETYLCHOLCHICEINE * N-DEACETYLCOLCHICEINE * DESACETYLCHOLCHICEINE * TMCA * TRIMETHYLCOLCHICINIC ACID
MUTATION DATA AND REFERENCES:
oms-mus-par 200 mg/kg CANCAR 3,134,50
spm-mus-par 200 mg/kg CANCAR 3,134,50
TOXICITY DATA AND REFERENCES:
unk-rat LDLo:200 mg/kg CANCAR 3,124,50
ipr-mus LD50:200 mg/kg CANCAR 3,124,50
unk-frg LDLo:20 mg/kg CANCAR 3,124,50

GH0982000 COLCHICOSIDE
UPDT:8305 CAS: 477-29-2 MW: 547.61 MOLFM: C27-H33-N-O11
SYN: 3-DEMETHYLCOLCHICINE GLUCOSIDE
TOXICITY DATA AND REFERENCES:
3F11F12F13 ocu-rat LDLo:75 ug/kg AIPTAK 109,386,57
* par-rat LDLo:75 ug/kg FRPSAX 15,533,60
3F11F12F13 orl-mus LD50:84 mg/kg AIPTAK 94,453,53
3F11F12F13 ipr-mus LD50:280 mg/kg AIPTAK 109,386,57
3F11F12F13 ivn-mus LD50:320 mg/kg AIPTAK 94,453,53

GH0983000 COLCHICOSIDE, 10-THIO-
UPDT:8307 CAS: 602-41-5 MW: 563.67 MOLFM: C27-H33-N-O10-S
SYN: R. 271 * THIOCOLCHICOSIDE * 10-THIOCOLCHICOSIDE
TOXICITY DATA AND REFERENCES:
3F11F12F13 ivn-rat LD50:10 mg/kg AIPTAK 109,386,57
3F11F12F13 ims-rat LD50:27500 ug/kg AIPTAK 109,386,57
3F11F12F13 ocu-rat LDLo:1 ug/kg AIPTAK 109,386,57
* par-rat LDLo:1 ug/kg FRPSAX 15,533,60
* ipr-mus LD50:1 mg/kg FRPSAX 15,533,60

GH0985000 COLCHICUM LUTEUM Baker, corm extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 11,43,73)
UPDT:8307
SYN: HIRANTUTIYA CORM EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:20 mg/kg IJEBA6 11,43,73

COLCHIFOLINE see: AC4010000
COLCHINE, N-DEACETYL-N-METHYL see: GH0800000
COLCHINEOS see: GH0700000
COLCHINIC ACID TRIMETHYL see: GH0785000

GH1000000 COLCHINOL, N-ACETYL-
UPDT:8303 CAS: 3838-26-5 MW: 357.44 MOLFM: C20-H23-N-O5
SYN: ACETAMIDE, N-(3-HYDROXY-9,10,11-TRIMETHOXY-5H-DIBENZO(a,c)CYCLOHEPTEN-5-YL)-, (S)- (9CI) * N-ACETYLCOLCHICINOL * N-ACETYL COLCHINOL * N-AZETYL-COLCHINOL (German)
MUTATION DATA AND REFERENCES:
oms-mus-ipr 28 mg/kg CANCAR 3,130,50
oms-mus-par 56 mg/kg CANCAR 3,134,50
spm-mus-par 56 mg/kg CANCAR 3,134,50
TOXICITY DATA AND REFERENCES:
unk-rat LDLo:200 mg/kg CANCAR 3,124,50
ipr-mus LD50:56 mg/kg CANCAR 3,124,50
unk-cat LDLo:10 mg/kg CANCAR 3,124,50

COLCHISOL see: GH0700000
COLCIN see: GH0700000
COLCOTHAR see: NO7400000
COLDAN see: NJ4375000
COLDRIN see: DC7600000
COLEBENZ see: DG4200000
COLECALCIFEROL see: VS2900000
COLEMID see: GH0800000
COLEP see: TB1680000
COLERIN see: AB5836500
COLESTYRAMIN see: FZ9310000
COLETYL see: GA0875000
COLEUS BARBATUS, root extract see: GH1186200

GH1186000 COLEUS FORSKOHLII Brig., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 9,91,71)
UPDT:8303
SYN: PATHARCHUR EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

GH1186200 COLEUS FORSKOHLII Brig., root extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 12,512,74)
UPDT:8302
SYN: COLEUS BARBATUS, root extract * JAYANA ROOT EXTRACT
TOXICITY DATA AND REFERENCES:
3H02M10U26 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

COL-EVAC see: VZ0950000
COLFARIT see: VO0700000
COLIBIL see: UF8440000
COLIMYCIN see: GH1575000
COLIMYCIN M see: GH1650000
COLIMYCIN METHANESULFONATE see: TR1450000
COLIOPAN see: YM3460000
COLISONE see: TU4154100
COLISTICINA see: GH1575000
COLISTIMETHATE SODIUM see: GH1650000

GH1575000 COLISTIN
UPDT:8402 CAS: 1066-17-7 MW: 968.43 MOLFM: C45-H85-N13-O10
SYN: COLIMYCIN * COLISTICINA * COLY-MYCIN * COLYMYSIN S * POLYMYXIN E * TOTAZINA
TOXICITY DATA AND REFERENCES:
3F05F07F23 ipr-mus LD50:236 mg/kg ANTBAL 5(4),10,60
2C08F07 scu-mus LD50:234 mg/kg ANTBAL 5(4),10,60
* ivn-mus LD50:32 mg/kg 85ERAY 1,735,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MMWOAU 115(39),1661,73; AJMEAZ 38,409,65; CRTXB2 2,159,73
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

COLISTINASE see: CO9550000
COLISTINAT see: GH1650000
COLISTIN METHANESULFONATE see: TR1450000

GH1650000 COLISTINMETHANESULFONIC ACID, TETRASODIUM SALT
UPDT:8407 CAS: 8068-28-8 MW: 1436.73 MOLFM: C49-H93-N13-O22-S4-4Na
SYN: CLM * COLIMYCIN M * COLISTIMETHATE SODIUM * COLISTINAT * COLISTINMETHANSULFONAT (German) * COLISTIN SODIUM METHANESULFONATE * COLISTIN SULFOMETHAT * COLISTIN SULFOMETHATE * COLISTIN SULFOMETHATE SODIUM * COLISTRIMETHATE SODIUM * COLY-MYCIN INJECTABLE * COLYMYCIN M * COLY-MYCIN M PARENTERAL * PENTASODIUM COLISTINMETHANESULFONATE * SODIUM COLISTIMETHATE * SODIUM COLISTINEMETHANESULFONATE * SODIUM COLISTIN METHANESULFONATE * W 1929
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T46T72T76 ivn-rat TDLo:275 mg/kg (7-17D preg) NKRZAZ 29,149,81
1T85 ivn-rat TDLo:138 mg/kg (7-17D preg) NKRZAZ 29,149,81
1T03 par-rat TDLo:300 mg/kg (30D male) OYYAA2 7,915,73
1T13 par-rat TDLo:150 mg/kg (30D pre) OYYAA2 7,915,73
1T13 unk-rat TDLo:5460 mg/kg (26W pre) OYYAA2 7,947,73
2T46T72 ivn-mus TDLo:2500 mg/kg (6-15D preg) NKRZAZ 29,1051,81
2T85T86 ivn-mus TDLo:1250 mg/kg (6-15D preg) NKRZAZ 29,1051,81
TOXICITY DATA AND REFERENCES:
3F12F17M11 ims-chd LDLo:90 mg/kg/18H-I JAMAAP 207,2099,69
2C08J30 orl-rat LD50:5450 mg/kg OYYAA2 7,541,73
2C08J30 ipr-rat LD50:86 mg/kg OYYAA2 7,541,73
2C08J30 scu-rat LD50:87 mg/kg OYYAA2 7,541,73
ims-rat LD50:44 mg/kg TXAPA9 18,185,71
* ipr-mus LD50:126 mg/kg NIIRDN 6,277,82
* scu-mus LD50:139 mg/kg NIIRDN 6,277,82
* ivn-mus LD50:222 mg/kg NIIRDN 6,277,82
* ims-mus LD50:748 mg/kg OYYAA2 21,737,81
* ims-rbt LD50:465 mg/kg OYYAA2 21,737,81
* ims-gpg LD50:444 mg/kg OYYAA2 21,737,81
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 2,159,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COLISTINMETHANSULFONAT (German) see: GH1650000
COLISTIN SODIUM METHANESULFONATE see: GH1650000
COLISTIN SULFOMETHAT see: GH1650000
COLISTIN SULFOMETHATE see: GH1650000
COLISTIN SULFOMETHATE SODIUM see: GH1650000
COLISTRIMETHATE SODIUM see: GH1650000
COLITE see: GA4027000
COLLARGOL see: VW3675000
alpha-COLLATOLIC ACID see: HP3082220
alpha,beta-COLLATOLIC ACID see: HP3082220
COLLATOLIC ACID-A'' see: HP3082220
COLLIDINE, ALDEHYDECOLLIDINE see: TJ6825000
COLLIRON I.V. see: NO7700000
COLLODIAL LEAD PHOSPHATE see: OG3675000
COLLODION see: QW0970000
COLLODION (DOT) see: QW0970000
COLLODION COTTON see: QW0970000
COLLODION WOOL see: QW0970000
COLLOID 775 see: FI0760000
COLLOIDAL ARSENIC see: CG0525000
COLLOIDAL CADMIUM see: EU9800000
COLLOIDAL FERRIC OXIDE see: NO7400000
COLLOIDAL GOLD see: MD5070000
COLLOIDAL LEAD ASPARTATE see: OF8624000
COLLOIDAL LEAD MALATE see: EJ9971000
COLLOIDAL MANGANESE see: OO9275000
COLLOIDAL MERCURY see: OV4550000
COLLOIDAL-S see: WS4250000
COLLOIDAL SELENIUM see: VS7700000
COLLOIDAL SILICA see: VV7310000
COLLOIDAL SILICON DIOXIDE see: VV7310000
COLLOIDAL SULFUR see: WS4250000
COLLOIDOX see: GL7020000
COLLOXIT see: WS4250000
COLLOMIDE see: WO8400000
COLLOWEL see: FJ5950000
COLLOXYLIN see: QW0970000
COLLUNOSOL see: SN1400000
COLLUNOVAR see: WS3680000
COLLUNOVER see: WS3680000

GH2660000 COLOCASIA NYMPHAEIFOLIA Kunth, leaf extract
DEF:Indian plant belonging to the family ARACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

COLOGNE EARTH see: OP0915000
COLOGNE SPIRIT see: KG6300000
COLOGNE SPIRITS (ALCOHOL) (DOT) see: KQ6300000
COLOGNE UMBER see: OP0915000
COLOGNE YELLOW see: GB2975000
COLOMBIAN BLACK TOBACCO CIGARETTE REFINED TAR see: WW8449500
COLONATRAST see: CR0600000
COLONIAL SPIRIT see: PC1400000
COLOR-SET see: UF8225000
COLPOVIS see: KG7395000
COLPOVISTER see: KG8225000
COLPOVISTER see: KG7395000
COLPRO see: TU3832300
COLPRONE see: TU3832300
COLSALOID see: GH0700000
COLSUL see: WS4250000
COLSULANYDE see: WO8400000
COLTIROT see: YP2975000

GJ9880000 COLTSFOOT
DEF:It is herb of the tribe SENECIONE and from family COMPOSITAE (GANNA2 67,125,76)
UPDT:8401
SYN: KAN-TO-KA (Japanese) * TUSSILAGO FARFARA L
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:4800 gm/kg/77W-C GANNA2 67,125,76

BEST COPY AVAILABLE

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PPTCBY 9,79,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COLTS FOOT see: SE5095000
GJ9990000 beta-COLUBRINE
UPDT:8403 CAS: 509-36-4 MW: 364.48 MOLFM: C22-H24-N2-O3
SYN: 2-METHOXY-STRYCHNINE * STRYCHNIDIN-10-ONE, 2-METHOXY- (9CI)
TOXICITY DATA AND REFERENCES:
1F12 scu-mus LD50:8700 ug/kg APSXAS 7,329,70
COLUMBIA BLACK EP see: QJ6160000
COLUMBIA CARBON see: FF5800000
COLUMBIA LCK see: FF5250100
COLUMBIAN SPIRIT see: PC1400000
COLUMBIAN SPIRITS (WOOD ALCOHOL) (DOT) see: PC1400000
COLUMBIUM POTASSIUM FLUORIDE see: TT3850000
COLUTOID see: TU5570250
COLY-MYCIN see: GH1575000
COLY-MYCIN INJECTABLE see: GH1650000
COLYMYCIN M see: GH1650000
COLY-MYCIN M PARENTERAL see: GH1650000
COLYMYSIN S see: GH1575000
COMAC see: GL7600000
COMACID SCARLET 2R see: QJ6825000
COMBANTRIN see: QL2287000
COMBELEN see: UC1934050
COMBETIN see: WL1180000
COMBILEN see: UC1934050
COMBINAL E see: GP8588000
COMBOT see: TA0700000
COMBOT EQUINE see: TA0700000
GK0888000 COMBRETUM DASYSTACHYUM Kurz, extract excluding roots
DEF:Indian plant belonging to the family COMBRETACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: HOLOK-LATA EXTRACT
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:500 mg/kg IJEBA6 12,512,74
GK0888100 COMBRETUM DECANDRUM Roxb., extract
DEF:Indian plant belonging to the family COMBRETACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: PUNKI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69
GK0888150 COMBRETUM NANUM Ham. ex D. Don, extract
DEF:Indian plant belonging to the family COMBRETACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80
GK0888200 COMBRETUM OVALIFOLIUM Roxb., extract excluding roots
DEF:Indian plant belonging to the family COMBRETACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74
GK0888300 COMBRETUM OVALIFOLIUM Roxb. var. COOPERI Haines, extract excluding roots
DEF:Indian plant belonging to the family COMBRETACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:500 mg/kg IJEBA6 11,43,73
COMBUSTION IMPROVER -2 see: OP1450000
COMELIAN see: DI0250000
COMESA see: SC4900000
COMESA see: SC5075000
COMESTROL see: WJ5600000
COMESTROL ESTROBENE see: WJ5600000
COMITAL see: MU1050000
COMITE see: WT2900000
COMITIADONE see: YU0875000
COMITOINA see: MU1050000
COMMANDO see: UE8880000
GK1179500 COMMELINA PALUDOSA Bl. var. MATHEWII (Cl.) Rolla & Kamathy, extract
DEF:Indian plant belonging to the family COMMELINACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:250 mg/kg IJEBA6 11,43,73
GK1179600 COMMELINA UNDULATA R.Br., extract
DEF:Indian plant belonging to the family COMMELINACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2M10V30 ipr-mus LD50:147 mg/kg IJEBA6 12,512,74
GK1189000 COMMIPHORA MUKUL (Hook. ex Stocks) Engl., extract excluding roots
DEF:Indian plant belonging to the family BURSERACEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: GUGUL EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73
COMMISTERONE see: FZ8060000
COMMON DEATH ADDER SNAKE VENOM see: YX3959270
COMMON SALT see: VZ4725000
COMMON SENSE COCKROACH and RAT PREPARATIONS see: TH3500000
COMMOTIONAL see: AM4375000
COMPALOX see: BD1200000
COMPAZINE see: SO2700000
COMPAZINE see: SO3150000
COMPENDIUM see: DE9800000
COMPERLAN LD see: JR1925000
COMPITOX see: JE9750000
COMPLAMEX see: QT1500000
COMPLAMIN see: QT1500000
GK1470000 COMPLANATINE
DEF:An alkaloid derived from LYCOPODIUM COMPLANATUM (JAPMA8 34,197,45)
UPDT:8406
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:14870 ug/kg JAPMA8 34,197,45
COMPLEMIX see: WN0525000
COMPLESSO DIIDROSTREPTOMICINA SOLFATO CALCIO EPTAGLUCONATO (Italian) see: WK4950200
COMPLESSO DIIDROSTREPTOMICINA SOLFATO CALCIO GLUCONATO (Italian) see: WK4950500
COMPLESSO NEOMICINA SOLFATO CALCIO GLUCONATO (Italian) see: QP4380000
COMPLESSO STREPTOMICINA SOLFATO CALCIO EPTAGLUCONATO (Italian) see: WK4967000
COMPLESSO STREPTOMICINA SOLFATO CALCIO GLUCONATO (Italian) see: WK4968000
COMPLESSO VIOMICINA SOLFATO CALCIO GLUCONATO (Italian) see: ZA3980000
COMPLEXON I see: AJ0175000
COMPLEXON II see: AH4025000
COMPLEXON III see: AH4375000
COMPLEXONE see: AH5075000
COMPOCILLIN G see: XH9400000
COMPOCILLIN-VK see: XH9275000
COMPOSE 134 P (French) see: XZ5493000
COMPOUND 22 see: TN7860010
COMPOUND 42 see: GN4550000
COMPOUND 118 see: IO2100000
COMPOUND 269 see: IO1575000
COMPOUND 338 see: DD2275000
COMPOUND 347 see: KN6800000
COMPOUND 497 see: IO1750000
COMPOUND 604 see: QL7525000
COMPOUND-666 see: GV3150000
COMPOUND 711 see: IO1925000
COMPOUND 732 see: YQ9360000
COMPOUND 889 see: TI0350000
COMPOUND 923 see: SK9100000
COMPOUND 1081 see: AC1225000
COMPOUND 1189 see: PC8575000
COMPOUND 2046 see: GQ5250000
COMPOUND 3-120 see: WP2100000
COMPOUND 3422 see: TF4550000
COMPOUND-3916 see: RB8925000
COMPOUND 3956 see: XW5250000
COMPOUND 3961 see: WZ6400000
COMPOUND 4049 see: WM8400000
COMPOUND 4072 see: TB8750000
COMPOUND 47-83 see: TL6475000
COMPOUND 48/80 see: SH8110000
COMPOUND-4992 see: OX0700000
COMPOUND 64-92 see: US1816000 PYRIDINE, 3-AMINO-4-(3,4-DIMETHOXYPHENETHYLAMINO)-
COMPOUND 67/20 see: UY1329280
COMPOUND 69/20 see: DJ2260150
COMPOUND 7215 see: UW7900000
COMPOUND 10854 see: FB7875000
COMPOUND 17309 see: BV8000000
COMPOUND 20025 see: DN9500000
COMPOUND 20-438 see: NK9456600
COMPOUND 20522 see: DO1200000
COMPOUND 22/190 see: TE8050000
COMPOUND 33355 see: RC8960000
COMPOUND 33,828 see: EC1490000
COMPOUND 38,174 see: QJ9100000
COMPOUND 42339 see: UQ0330000
COMPOUND 64716 see: JI4640000
COMPOUND 65/127 see: GY5899700 1H-CYCLOPENTA(b)QUINOLINE, 2,3-DIHYDRO-3-ETHYL-9-MORPHOLINO-, MONOHYDROCHLORIDE
COMPOUND 65/359 see: TL7720000 1-PIPERAZINEETHANOL, alpha-(p-CHLOROPHENOXYMETHYL)-4-(3,4-DIMETHOXYPHENYL)-
COMPOUND 69/224 see: DJ2260400 2H-1-BENZOPYRAN-3-CARBOXAMIDE, N-4-PYRIDINYL-
COMPOUND 73-638 see: SF7946000 PHENANTHRIDINIUM, 3,8-BIS(DIMETHYLAMINO)-5-METHYL-6-PHENYL-,IODIDE
COMPOUND 74-637 see: TK8065000
COMPOUND 78/702 see: MP6975000
COMPOUND 78-788 see: TH9208000 1(2H)-PHTHALAZINONE, 4-(1-METHYL-2-PIPERIDINYL)-,MONOHYDROCHLORIDE
COMPOUND 79891 see: VO8640000
COMPOUND 90459 see: DM4447000
COMPOUND 593A see: TL6375000
COMPOUND B see: GM7650000
COMPOUND B DICAMBA see: DG7525000
COMPOUND C-9491 see: TF0175000
COMPOUND CN see: UH1815000 PROPIOPHENONE, 4'-FLUORO-3-PIPERIDINO-
COMPOUND D-9 see: UI3326000
COMPOUND 53D/K see: DB6145200
COMPOUND E see: GM9020000
COMPOUND E ACETATE see: GM9140000
COMPOUND F see: GM8925000
COMPOUND F-2 see: DM2550000
COMPOUND-1452-F see: OW3850000
COMPOUND F ACETATE see: GM8960000
COMPOUND F (KENDALL) see: GM8925000
COMPOUND G-11 see: SM0700000
COMPOUND 6-12 INSECT REPELLENT see: MO2625000
COMPOUND ITC1 see: NX8155820
COMPOUND M-81 see: TE4375000
COMPOUND 14045 METHIODIDE see: UY4281000
COMPOUND 14045 METHOCHLORIDE see: UY4280000
COMPOUND 14045 METHSULFATE see: UY4281500
COMPOUND NO. 1080 see: AH9100000
COMPOUND 888 see: WT2975000
COMPOUND X-242 see: WR5775000
COMPOUND RA-233 see: KM2675000
COMPOUND S-6,999 see: RB8750000
COMPOUND UC-20047 A see: RB7700000
COMPOUND X 537A see: GP4000000
COMYCETIN see: AB6825000
d-CON see: GN4550000
CO-1214N see: JR5775000
CON A see: GK6890000
GK6890000 CONCANAVALIN A
UPDT:8407 CAS: 11028-71-0
SYN: CON A * CONCANAVALINE A * RICIN-TOXIN CON A
MUTATION DATA AND REFERENCES:
cyt-oin:emb 100 mg/L DKBSAS 223,316,75
cyt-nml:emb 25 mg/L EXPEAM 32,1568,76
cyt-nml:emb 25 mg/L EXPEAM 32,1568,76
dns-mus:oth 1 mg/L JJIND8 65,1321,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 ivt-rat TDLo:1 mg/kg (5D preg) CCPTAY 23,667,81
2T41T42 ivn-mus TDLo:5 mg/kg (7D preg) SEUBO 19,125,79
1T46 ivn-mus TDLo:2500 ug/kg (7D preg) SEUBO 19,125,79
2T33T41 ivn-mus TDLo:5 mg/kg (7D preg) NDKIA2 32,230,81
1T33 ivn-mus TDLo:5 mg/kg (7D preg) TJADAB 24(1),16A,81

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

1T24 unk-mus TDLo:1200 ug/kg (4D preg) CCPTAY 20,129,79

TOXICITY DATA AND REFERENCES:

1V30 ivn-mus LD50:50 mg/kg ARZNAD 30,759,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CONCANAVALINE A see: GK6890000
CONCEMIN see: CI7650000
CONCEP see: CY1697000
CONCHININ see: VA4725000
CONCILIUM see: DE1925000
CONCO AAS-35 see: DB6825000
CONCO AAS-40 see: DB6825000
CONCO AAS-65 see: DB6825000
CONCO AAS-90 see: DB6825000
CONCOGEL 2 CONC. see: WX0500000
CONCO NI-90 see: MD0905000
CONCO NIX-100 see: MD0907700
CONCO SULFATE 219 see: WB7350000
CONCO SULFATE C see: MM0225700
CONCO SULFATE 219 SPECIAL see: WB7350000
CONCO SULFATE WA see: WT1050000
CONCO SULFATE WA-1200 see: WT1050000
CONCO SULFATE WA-1245 see: WT1050000
CONCO SULFATE WAG see: WT1050000
CONCO SULFATE WAN see: WT1050000
CONCO SULFATE WAS see: WT1050000
CONCO SULFATE WE see: WB7350000
CONCO SULFATE WN see: WT1050000
CONCO SXS see: ZE5100000
CONCO XAL see: JR6650000

GK6990500 CONCTASE C
UPDT:8411 CAS: 66231-56-9

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:1050 mg/kg OYYAA2 19,503,80
* scu-rat LD50:2660 mg/kg OYYAA2 19,503,80
* ipr-mus LD50:735 mg/kg OYYAA2 19,503,80
* scu-mus LD50:850 mg/kg OYYAA2 19,503,80

CONC. VIOLET R see: GE4518000
CONDACAPS see: KE1050000
CONDENSATE PL see: JR1925000
CONDITION see: DF1575000
CONDITIONER 1 see: RG4120000
CONDOCAPS see: KE1050000
CONDOL see: KE1050000
CONDUCTEX see: FF5250100

GK7346000 CONDURANGO GLYCOSIDE A(sub 0)
UPDT:8308 MW: 1158.45 MOLFM: C60-H85-O22

TOXICITY DATA AND REFERENCES:

1V30 unk-mus LD50:75 mg/kg CPBTAL 28,1954,80

GK7341000 CONDURANGO GLYCOSIDE C(sub 0)
UPDT:8308 MW: 1160.47 MOLFM: C60-H87-O22

TOXICITY DATA AND REFERENCES:

1V30 unk-mus LD50:375 mg/kg CPBTAL 28,1954,80

CONDYLON see: GH0700000
CONDY'S CRYSTALS see: SD6475000
CONEN see: TD5100000

GK7621100 CON-5-ENINE, 3-beta-(DIMETHYLAMINO)-, HYDROCHLORIDE
UPDT:8311 MW: 393.12 MOLFM: C24-H40-N2 .Cl-H
SYN: CHLORHYDRATE de CONESSINE (French) * CONESSINE HYDROCHLORIDE * 3-beta-(DIMETHYLAMINO)CON-5-ENINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LDLo:126 mg/kg APFRAD 7,549,49
* scu-mus LDLo:150 mg/kg APFRAD 7,549,49
* ivn-gpg LDLo:105 mg/kg APFRAD 7,549,49
* ivn-frg LDLo:100 mg/kg APFRAD 7,549,49

GK7621300 CON-5-ENIN-3-beta-OL, HYDROCHLORIDE
UPDT:8402 CAS: 4438-06-6 MW: 366.04 MOLFM: C22-H35-N-O .Cl-H
SYN: LATIFOLINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3H30J16P01 ipr-rat LD50:125 mg/kg FRBGAT 9,142,68

CONESSINE HYDROCHLORIDE see: GK7621100
CONEST see: GL1224000
CONESTORAL see: KG8775000
CONESTRON see: GL1224000
CONFECTIONER'S SUGAR see: WN6500000
CONFLICTAN see: QE5270000 MORPHOLINE, 4-ISOPROPYL-2-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-,HYDROCHLORIDE
CONFORTID see: NL3500000
CONGOBLAU 3B see: QJ6475000
CONGO BLUE see: QJ6475000
CONGO BLUE 3B see: QJ6475000
CONGOCIDINE DIHYDROCHLORIDE see: DW2975000
CONGO RED see: QK1400000
CONGO RED 4B see: QK1400000
CONGO RED 4BX see: QK1400000
CONGO RED CR see: QK1400000
CONGO RED H see: QK1400000
CONGO RED ICI see: QK1400000
CONGO RED L see: QK1400000
CONGO RED M see: QK1400000
CONGO RED N see: QK1400000
CONGO RED R see: QK1400000
CONGO RED R-138 see: QJ1897000
CONGO RED RS see: QK1400000
CONGO RED W see: QK1400000
CONGO RUBINE see: QK1296000
CONIGON BC see: AH5075000

GL1223600 CONIUM MACULANTUM L., root extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

CONJES see: GL1224000
CONJUGATED EQUINE ESTROGEN see: TU5786000

GL1224000 CONJUGATED ESTROGENIC HORMONES
DEF:Conjugated forms of natural mixed ESTROGENS, principally SODIUM ESTRONE SULFATE and SODIUMEQUILIN SULFATE, or synthetic ESTROGEN PIPERAZINE ESTRONE SULFATE(IARC** 21,147,79)
UPDT:8310
SYN: AMNESTROGEN * CES * CLIMESTRONE * CO-ESTRO * CONEST * CONESTRON * CONJES * CONJUGATED ESTROGENS * CONJUTABS * EQUIGYNE * ESTRATAB * ESTRIFOL * ESTROATE * ESTROCON * ESTROMED * ESTROPAN * EVEX * FEMACOID * FEMEST * FEM H * FEMOGEN * FORMATRIX * GANEAKE * GENISIS * GLYESTRIN * KESTRIN * MENEST * MENOGEN * MENOTAB * MENOTROL * MILPREM * MSMED * NEO-ESTRONE * NOVOCONESTRON * OESTRILIN * OESTRO-FEMINAL * OESTROPAK MORNING * OVEST * PALOPAUSE * PAR ESTRO * PMB * PREMARIN * PRESOMEN * PROMARIT * SK-ESTROGENS * SODESTRIN-H * TAG-39 * THEOGEN * TRANSANNION * TROCOSONE * ZESTE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 unk-wmn TDLo:3 mg/kg (1-5D preg) JAMAAP 244,1336,80
1T22 orl-mky TDLo:4167 ug/kg (1-5D preg) AJOGAH 115,101,73

TUMORIGENIC DATA AND REFERENCES:

3V01H60L60 orl-wmn TDLo:108 mg/kg/4Y-C AIMDAP 137,357,77
2V02L60 orl-wmn TD :27 mg/kg/3Y-C NYSJAM 78,1933,78

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 21,147,79
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 21,147,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CONJUGATED ESTROGENS see: GL1224000
CONJUNCAIN see: DG1502900
CONJUTABS see: GL1224000
CONMEL see: PB1300000
7-CON-O-METHYLNOGAROL see: KD1146400

GL1255000 CONNARUS PENICULATUS Roxb., extract excluding roots
DEF:Indian plant belonging to the family CONNARACEAE (IJEBA6 12,512,74)
UPDT:8305

TOXICITY DATA AND REFERENCES:

2J30M10 ipr-mus LD50:250 mg/kg IJEBA6 12,512,74

GL1257000 CONNARUS WIGHTII Hook. f., extract excluding roots
DEF:Indian plant belonging to the family CONNARACEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: FATFATI EXTRACT

TOXICITY DATA AND REFERENCES:

1H30 ipr-mus LD50:375 mg/kg IJEBA6 11,43,73

GL1258000 CONNECTIVE TISSUE ACTIVATING PEPTIDE
DEF:A major human platelet-derived growth factor (PNASA6 80,765,83)
UPDT:8308
SYN: CTAP III

MUTATION DATA AND REFERENCES:

dns-hmn:oth 25 mg/L PNASA6 80,765,83

CONOCO C-50 see: DB6825000
CONOCO C-60 see: DB6825000
CONOCO SD 40 see: DB6825000
CONOPAL see: BD1200000
CONOTRANE see: OW6300000
CONOVA 30 see: RC8945300
CONOVID see: RC9025000
CONOVID E see: RC9025000
CONQUININE see: VA4725000
CONRAY see: NT1981800
CONRAY 30 see: NT1981800
CONRAY 60 see: NT1981800
CONRAY 80 see: NT1987000
CONRAY 280 see: NT1981800
CONRAY 300 see: NT1987000
CONRAY-400 see: NT1987000
CONRAY MEGLUMIN see: NT1981800
CONRAY MEGLUMINE 282 see: NT1981800
CONSDRIN see: DO7525000
CONSDRIN HYDROCHLORIDE see: DO7525000
CONSOL VIOLET see: GE4518000
CONSTAPHYL see: XH8925000
CONSTIMOL see: RQ2975000
CONSTONATE see: WN0525000
CONT see: NI5600000
CONTAVERM see: SN5075000
CONTEBEN see: AE3850000
CONTERGAN see: TI4375000
CONTIMET 30 see: XR1700000
CONTINAL see: CQ6125000
CONTINENTAL see: GF1670500
CONTIZELL see: KVG350000
CONTOMIN see: SO1750000
CONTOPHERON see: GP8588000
CONTRAC see: GN4934700
CONTRA CREME see: OV6475000
CONTRADOL see: AM4375000
CONTRADOULEUR see: AM4375000
CONTRAFLU see: VO0710000
CONTRALGIN see: DG4725000
CONTRALIN see: JO1225000
CONTRAPAR see: ES2450000
CONTRAPOT see: JO1225000
CONTRATHION see: UU4570000
CONTRHEUMA RETARD see: VO0700000
CONTRISTAMINE, HYDROCHLORIDE see: KR2975000
CONTRIX 28 see: NT1981800
CONTROL see: RQ3500000
CONTROL-OM see: RQ3500000
CONTROVLAR see: RC8990000
CONTUREX see: PB2250000
CONUS STRIATUS VENOM see: YX3980000
CONVALLAOTOXIN see: GL4025000

GL3410000 CONVALLARIA MAJALIS L., unripe fruit extract
UPDT:8408

TOXICITY DATA AND REFERENCES:

* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76

CONVALLATON see: GL4025000
CONVALLATOXIGENIN see: FH5425000

GL4025000 CONVALLATOXIN
UPDT:8408 CAS: 508-75-8 MW: 550.71 MOLFM: C29-H42-O10
SYN: CONVALLAOTOXIN * CONVALLATON * CONVALLATOXOSIDE * CONVALLOTOXIN * CORGLYCON * CORGLYCONE * CORGLYKON * KORGLYKON * MANNOPYRANOSIDE, STROPHANTHIDIN-3 6-DEOXY-, alpha-L- * RHAMNOSIDE, STROPHANTHIDIN-3, alpha-L- * STROPHANTHIDIN, 3-(6-DEOXY-alpha-L-MANNOPYRANOSIDE) * STROPHANTHIDIN alpha-L-RHAMNOSIDE

TOXICITY DATA AND REFERENCES:

ivn-rat LD50:15 mg/kg ARZNAD 11,848,61
* ipr-mus LD50:10 mg/kg AIPTAK 155,165,65
* scu-mus LD50:15 mg/kg FATOAO 44,342,81
* ivn-mus LD50:1 mg/kg CSLNX* NX#00462
ivn-mky LDLo:90 ug/kg ARZNAD 13,412,63

BEST COPY AVAILABLE

* ipr-cat LD50:200 ug/kg AIPTAK 155,165,65
ivn-cat LD50:76 mg/kg ARZNAD 13,220,63
* unk-cat LDLo:50 ug/kg AIPTAK 148,471,64
idu-cat LDLo:1290 ug/kg ARZNAD 20,229,70
ivn-pig LDLo:50 ug/kg ARZNAD 20,229,70
idu-pig LDLo:3170 ug/kg ARZNAD 20,229,70
* ivn-gpg LDLo:198 ug/kg AEPPAE 252,314,66
idu-gpg LDLo:21 mg/kg ARZNAD 20,229,70
ivn-pgn LDLo:248 ug/kg ARZNAD 13,412,63
* ivn-frg LDLo:300 ug/kg MEIEDD 10,357,83

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,189,63

CONVALLATOXOL see: FH4900000
CONVALLATOXOSIDE see: GL4025000
CONVALLOTOXIN see: GL4025000
CONVALLOTOXOL see: FH4900000
CONVALOTOXOL see: FH4900000
CONVENTXA see: RQ2100000
CONVEXINA see: RQ2100000

GL4235000 CONVOLVULUS ARVENSIS Linn., extract
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

CONVUL see: MU1050000
CONVULEX see: YV7876000

GL4270000 CONYZA ..MBIGUA DC., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

GL4280000 CONYZA STRICTA Willd., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 7,250,69)
UPDT:8302

TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

COOLSPAN see: BZ3400000 o-ANISAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-
COOMASSIE BLUE see: QJ6300000
COOMASSIE BLUE MEDICINAL see: QJ6300000
COOMASSIE BLUE RL see: QJ6300000
COOMASSIE RED R see: QJ6478000
COOMASSIE VIOLET see: BQ1140000
COOMASSIE YELLOW R see: DV3910000
COOMASSIE YELLOW RP see: DV3910000
COOPER 40H62 see: TF3750000
CO-OP HEXA see: DA2975000
COP see: MF3600500
COPAGEL PB 25 see: FJ5950000
COPAIBA BALSAM see: CP2350000

GL5000000 COPAIBA OIL
UPDT:8305 CAS: 8013-97-6
SYN: OIL OF COPAIBA * OILS, COPAIBA

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 11,1075,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

COPAIBA OLEORESIN see: CP2350000
COPAL Z see: WL6475000
COPANOIC see: MW5075000
COPAROGIN see: YR0450000
COPELLIDIN see: TN0350000
COPHARCILIN see: XH8350000
COPOLYMER of N-VINYLPYRROLIDONE and 1,1-DI(METHYLAMINOCARBONYLOXYMETHYL) ETHYLENE see: UY5768800
COPOVITHANE see: UY5768800
COPOX see: GL8050000

GL5325000 COPPER
UPDT:8408 CAS: 7440-50-8 MW: 63.54 MOLFM: Cu
SYN: ALLBRI NATURAL COPPER * ANAC 110 * ARWOOD COPPER * BRONZE POWDER * CDA 101 * CDA 102 * CDA 110 * CDA 122 * C.I. 77400 * C.I. PIGMENT METAL 2 * COPPER-AIRBORNE * COPPER BRONZE * COPPER-MILLED * COPPER SLAG-AIRBORNE * COPPER SLAG-MILLED * 1721 GOLD * GOLD BRONZE * KAFAR COPPER * M 1 * M 3 * M 4 * M1 (COPPER) * M2 (COPPER) * M3 (COPPER) * M4 (COPPER) * M3R * M3S * OFHC Cu * RANEY COPPER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T41 orl-rat TDLo:152 mg/kg (22W pre) GISAAA 45(3),8,80
1T46 orl-rat TDLo:1520 ug/kg (22W pre) GISAAA 45(3),8,80
2T24T25 orl-rat TDLo:1210 ug/kg (35W pre) GISAAA 42(8),30,77
2T13T22 iut-rat TDLo:250 ug/kg (1D pre) IJEBA6 19,1124,81

TUMORIGENIC DATA AND REFERENCES:
3V03J12J60 ipl-rat TDLo:100 mg/kg AIHAAP 41,836,80

TOXICITY DATA AND REFERENCES:
1K13 orl-hmn TDLo:120 ug/kg PHRPA6 73,910,58

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TRBMAV 33(1),85,75; QURBAW 7(1),75,74; JAVMA4 164(3),277,74; IJMDAI 10(4),416,74; KOTTAM 11(11),1300,75; FOREAE 7,313,42; MIBUBI 9(4),321,75; PEXTAR 12,102,69; 85DHAX Cu,41,74; AMTODM 3,209,77
★ TLV-TWA 200 ug/m3 (fume) DTLVS* 4,104,80
★ TLV-TWA 1 mg/m3;STEL 2 mg/m3 (dusts and mists) DTLVS* 4,104,80

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7029 and 7300
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT BEHQ-0680-0345
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COPPER-B see: VC5250000
COPPER ACETATE (Cu(C2H3O2)2) see: AG3480000
COPPER(II) ACETATE see: AG3480000
COPPER(2+) ACETATE see: AG3480000
COPPER ACETATE ARSENITE see: GL6475000
COPPER(II) ACETATE MONOHYDRATE see: AG3500000
COPPER(2+) ACETATE, MONOHYDRATE see: AG3500000
COPPER ACETO-ARSENITE see: GL6475000
COPPER ACETOARSENITE, SOLID (DOT) see: GL6475000

GL5792000 COPPER ACETYLIDE
UPDT:8308 CAS: 12540-13-5 MW: 87.56 MOLFM: C2-Cu
SYN: COPPER ACETYLIDE (DOT) * COPPER CARBIDE

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

COPPER ACETYLIDE (DOT) see: GL5792000
COPPER-AIRBORNE see: GL5325000
COPPER-ALKANOLAMINE COMPLEX see: GS4360000

GL5830000 COPPER ALLOY, Cu,Be
UPDT:8209 CAS: 11133-98-5
SYN: BERYLLIUM-COPPER ALLOY

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,143,80
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**

GL5840000 COPPER ALLOY, Cu,Be,Co
UPDT:8209 CAS: 55150-64-6
SYN: BERYLLIUM-COPPER-COBALT ALLOY * COBALT-BERYLLIUM COPPER

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,143,80
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

GL5845000 COPPER AMINE AZIDE
UPDT:8308
SYN: COPPER AMINE AZIDE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

COPPER AMINE AZIDE (DOT) see: GL5845000
COPPER ARSENITE see: CG3385000
COPPER ARSENITE, SOLID (DOT) see: CG3385000
COPPERAS see: NO8510000
COPPERAS see: NO8500000
COPPER ASCORBATE see: CI7665000

GL6475000 COPPER, BIS(ACETATO)HEXAMETAARSENITOTETRA-
UPDT:8309 CAS: 12002-03-8 MW: 1013.78 MOLFM: C4-H6-As6-Cu4-O16
SYN: (ACETATO-O)(TRIMETAARSENITO)DICOPPER * ACETOARSENITE DE CUIVRE (French) * BASLE GREEN * C.I. 77410 * C.I. PIGMENT GREEN 21 (9CI) * COPPER ACETATE ARSENITE * COPPER ACETO-ARSENITE * COPPER ACETOARSENITE, SOLID (DOT) * CUPRIC ACETOARSENITE * EMERALD GREEN * ENT 884 * FRENCH GREEN * GENUINE PARIS GREEN * IMPERIAL GREEN * KING'S GREEN * MEADOW GREEN * MINERAL GREEN * MITIS GREEN * MOSS GREEN * MOUNTAIN GREEN * NEUWIED GREEN * NEW GREEN * ORTHO P-G BAIT * PARIS GREEN * PARIS GREEN, solid (DOT) * PARROT GREEN * PATENT GREEN * POWDER GREEN * SCHWEINFURTERGRUN * SCHWEINFURT GREEN * SCHWEINFURTH GREEN * SOWBUG & CUTWORM BAIT * SOWBUG CUTWORM CONTROL * SWEDISH GREEN * UN 1585 (DOT) * VIENNA GREEN * WUERZBERG GREEN * ZWICKAU GREEN

TOXICITY DATA AND REFERENCES:
orl-rat LD50:22 mg/kg PCOC** -,254,66
unk-mam LD50:18 mg/kg 30ZDA9 -,388,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX As,-,77

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COPPER(2+), BIS(1-BENZYLBIGUANIDE)-, SULFATE see: DU1102000
COPPER(2+), BIS(1-ISOPROPYLBIGUANIDE)-, SULFATE, HYDRATE see: DU1970000
COPPER(2+), BIS-(1-METHYLBIGUANIDE)-, SULFATE, TRIHYDRATE see: DU2040500
COPPER(2+), BIS(1-PHENETHYLBIGUANIDE)-, SULFATE see: DU2125000
COPPER, BIS(8-QUINOLINOLATO-N(sup 1),O(sup 8))- see: VC5250000
COPPER(II)-BLEOMYCIN COMPLEX (1:1) see: EC5991904
COPPER BRONZE see: GL5325000
COPPER CALCIUM EDETATE see: AH4084000
COPPER CARBIDE see: GL5792000
COPPER CARBONATE, BASIC see: GL6910000
COPPER CARBONATE HYDROXIDE see: GL6910000

GL6910000 COPPER(II) CARBONATE HYDROXIDE (2:1:2)
UPDT:8409 CAS: 12069-69-1 MW: 221.11 MOLFM: C-O3 .H2-O2 .2Cu
SYN: BASIC COPPER CARBONATE * BASIC COPPER(II) CARBONATE * BASIC CUPRIC CARBONATE * (CARBONATO)DIHYDROXYDICOPPER * CHESHUNT COMPOUND * COPPER CARBONATE, BASIC * COPPER CARBONATE HYDROXIDE * COPPER, (CARBONATO)DIHYDROXYDI- * COPPER, (CARBONATO(2-))DIHYDROXYDI- (9CI) * CUPRIC CARBONATE * CUPRIC CARBONATE, BASIC * DICOPPER DIHYDROXYCARBONATE * KOP KARB * MALACHITE

TOXICITY DATA AND REFERENCES:
orl-rbt LD50:159 mg/kg GUCHAZ 6,128,73
orl-pgn LDLo:1000 mg/kg AUVJA2 16,147,40
orl-dck LDLo:900 mg/kg AUVJA2 16,147,40
* orl-mam LD50:625 mg/kg FMCHA2 -,C60,83
orl-brd LD50:900 mg/kg PCOC** -,258,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cu,25,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

COPPER, (CARBONATO)DIHYDROXYDI- see: GL6910000
COPPER, (CARBONATO(2-))DIHYDROXYDI- (9CI) see: GL6910000
COPPER CHELATE of N,N-BIS(2-CHLOROETHYL)-N',N'-BIS(CARBOXYMETHYL)ETHYLENEDIAMINE HYDRATE see: GS2168500
COPPER CHELATE of N,N'-BIS(2-CHLOROETHYL)-N,N'-BIS(CARBOXYMETHYL)ETHYLENEDIAMINE HYDRATE see: GS2169050
COPPER CHLORATE see: FN9860000
COPPER CHLORATE (DOT) see: FN9860000
COPPER CHLORIDE (BCI,9CI) see: GL7000000

GL7000000 COPPER(II) CHLORIDE (1:2)
UPDT:8308 CAS: 1344-67-8 MW: 134.44 MOLFM: Cl2-Cu
SYN: COPPER CHLORIDE (BCI,9CI) * COPPER CHLORIDE (DOT) * CUPRIC CHLORIDE * KIRTICOPPER * UN 2802 (DOT)

MUTATION DATA AND REFERENCES:
dnd-omi 2 mmol/L SCIEAS 198,513,77
dnd-mam:lym 2 mmol/L SCIEAS 198,513,77

TOXICITY DATA AND REFERENCES:
orl-rat LD50:140 mg/kg AFDOAQ 15,122,51
orl-mus LD50:190 mg/kg FOREAE 7,313,42
ipr-mus LD50:7400 ug/kg AEPPAE 244,17,62
orl-gpg LD50:31 mg/kg FOREAE 7,313,42
scu-gpg LDLo:100 mg/kg HETXAC 1,76,55

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cu,23,77

BEST COPY AVAILABLE

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-B; LABEL:NONE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COPPER CHLORIDE, BASIC see: GL7020000

GL7020000 COPPER CHLORIDE, mixed with COPPER OXIDE, HYDRATE
UPD: 8411 CAS: 1332-40-7 MW: 427.12 MOLFM: Cl2-Cu4-H6-O6
SYN: AGRIZAN * BASF-GRUNKUPFER * BASIC COPPER CHLORIDE * BLITOX * BLITOX 50 * BLUE COPPER * BLUE COPPER 50 * CHEMOCIN * CHEMPAR * COBOX * COBOX BLUE * COLLOIDOX * COPPER CHLORIDE, BASIC * COPPER CHLORIDE OXIDE * COPPER CHLORIDE OXIDE, HYDRATE (9CI) * COPPER OC FUNGICIDE * COPPER OXYCHLORIDE * COPPERSAN * COPPESAN * COPPESAN BLUE * COPRANTOL * COPREX * COPROSAN BLUE * COP-TOX * COXYSAN * CU-56 * CUPRAL 45 * CUPRAMAR * CUPRAMER * CUPRANTOL * CUPRAVET * CUPRAVIT * CUPRAVIT FORTE * CUPRAVIT GREEN * CUPRICOL * CUPRIC OXIDE CHLORIDE * CUPRITOX * CUPROXYLT * CUPROL * CUPROSANA * CUPROSAN BLUE * CUPROVINOL * CUPROX * CUPROXOL * DEVICOPPER * FALIGRUEN * FYCOL 8 * FYTOLAN * KAURITIL * KILEX * KT 35 * KUPRICOL * KUPRIKOL * MICROCOP * MIEDZIAN * MIEDZIAN 50 * OXICOB * OXIVOR * OXYCLOR * OXYCUR * PARRYCOP * PEPROSAN * RECOP * RHODIACUIVRE * TAMRAGHOL * TRICOP 50 * VIRICUIVRE * VITIGRAN * VITIGRAN BLUE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:700 mg/kg — PHJOAV 185,361,60

COPPER CHLORIDE (DOT) see: GL7000000
COPPER CHLORIDE OXIDE see: GL7020000
COPPER CHLORIDE OXIDE, HYDRATE (9CI) see: GL7020000

GL7055600 COPPER-CHROMIUM-BARIUM CATALYST
UPDT:8411 MW: 496.92 MOLFM: Ba-Cr-O4 Cu-O C4-Cr-O4
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:17500 mg/kg — 85GMAT -,39,82

COPPER CITRATE see: GL7056000

GL7056000 COPPER(I) CITRATE
UPDT:8408 CAS: 866-82-0 MW: 315.18 MOLFM: C6-H4-O7 2Cu
SYN: CITRIC ACID, COPPER(2 +) SALT (8CI) * COPPER CITRATE * CUPRIC CITRATE * CUPROCITROL * 2-HYDROXY-1,2,3-PROPANETRICARBOXYLIC ACID, COPPER SALT (1:2) * 1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, COPPER(2 +) SALT (1:2) (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T47T55 ipr-ham TDLo:2700 ug/kg (8D preg) — TJADAB 21,89,80
2T25T46 ivn-ham TDLo:1800 ug/kg (8D preg) — BIREBV 11,97,74
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1580 mg/kg — MarJV# 29MAR77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COPPER (CUPRIC) DIHYDRAZINIUM SULFATE see: GL7350000

GL7150000 COPPER CYANIDE
UPDT:8406 CAS: 544-92-3 MW: 89.56 MOLFM: C-Cu-N
SYN: COPPER(I) CYANIDE * CUPRICIN * CUPROUS CYANIDE * RCRA WASTE NUMBER P029
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

COPPER(I) CYANIDE see: GL7150000

GL7175000 COPPER(II) CYANIDE
UPDT:8308 CAS: 14763-77-0 MW: 115.58 MOLFM: C2-Cu-N2
SYN: COPPER CYANIDE (DOT) * COPPER CYNANAMIDE * CUPRIC CYANIDE * CUPRIC CYANIDE (DOT) * CYANURE DE CUIVRE (French) * UN 1587 (DOT)
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:50 mg/kg — NCNSA6 5,27,53
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82

COPPER CYANIDE (DOT) see: GL7175000
COPPER CYNANAMIDE see: GL7175000
COPPER DIACETATE see: AG3480000
COPPER(2 +) DIACETATE see: AG3480000
COPPER DIACETATE MONOHYDRATE see: AG3500000

GL7350000 COPPER DIHYDRAZINE SULFATE
UPDT:8309 CAS: 33271-65-7 MW: 289.80 MOLFM: H10-N4-O2-S Cu-O4-S
SYN: COPPER (CUPRIC) DIHYDRAZINIUM SULFATE * MATHIESON 466 * OMAZINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:590 mg/kg — 28ZEAL 4,118,69

COPPER DIHYDROXIDE see: GL7600000

GL7375000 COPPER, (5-((4'-((2,5-DIHYDROXY-4-((2-HYDROXY-5-SULFOPHENYL)AZO)PHENYL)AZO)(1,1'-BIPHENYL)- 4-YL)AZO)-2-HYDROXYBENZOATO(2-))-, DISODIUM SALT
UPDT:8412 CAS: 16071-86-6 MW: 762.15 MOLFM: C31-H20-N6-O9-S Cu 2Na
SYN: AIZEN PRIMULA BROWN BRLH * AIZEN PRIMULA BROWN PLH * AMANIL FAST BROWN BRL * AMANIL SUPRA BROWN LBL * ATLANTIC FAST BROWN BRL * ATLANTIC RESIN FAST BROWN BRL * BELAMINE FAST BROWN BRLL * BENZAMIL SUPRA BROWN BRLL * BENZANIL SUPRA BROWN BRLN * BROWN 4EMBL * CALCODUR BROWN BRL * CHLORAMINE FAST BROWN BRL * CHLORAMINE FAST BROWN BRLL * CHLORAMINE FAST CUTCH BROWN PL * CHROME LEATHER BROWN BRLL * CHROME LEATHER BROWN BRSL * C.I. 30145 * C.I. DIRECT BROWN * CUPROFIX BROWN GL * DERMA FAST BROWN W-GL * DERMAFIX BROWN PL * DIALUMINOUS BROWN BRS * DIAPHTAMINE LIGHT BROWN BRLL * DIAZINE FAST BROWN RSL * DIAZOL LIGHT BROWN BRN * DICOREL BROWN LMR * DIPHENYL FAST BROWN BRL * DIRECT BROWN 95 * DIRECT BROWN BRL * DIRECT FAST BROWN BRL * DIRECT FAST BROWN LMR * DIRECT LIGHT BROWN BRS * DIRECT SUPRA LIGHT BROWN ML * DURAZOL BROWN BR * DUROFAST BROWN BRL * ELIAMINA LIGHT BROWN BRL * ENIANIL LIGHT BROWN BRL * FASTOLITE BROWN BRL * FASTUSOL BROWN LBRSA * FASTUSOL BROWN LBRSN * FENALUZ BROWN BRL * HELION BROWN BRSL * HISPALUZ BROWN BRL * KAYARUS SUPRA BROWN BRS * KCA LIGHT FAST BROWN BR * NCI-C54568 * PARANOL FAST BROWN BRL * PEERAMINE FAST BROWN BRL * PONTAMINE FAST BROWN BRL * PONTAMINE FAST BROWN NP * PYRAZOL FAST BROWN BRL * PYRAZOLINE BROWN BRL * SATURN BROWN LBR * SIRIUS SUPRA BROWN BRL * SIRIUS SUPRA BROWN BRS * SOLANTINE BROWN BRL * SOLAR BROWN PL * SOLEX BROWN B * SOLIUS LIGHT BROWN BRLL * SOLIUS LIGHT BROWN BRS * SUMILIGHT SUPRA BROWN BRS * SUPRAZO BROWN BRL * SUPREXCEL BROWN BRL * TERTRODIRECT FAST BROWN BR * TETRAMINE FAST BROWN BRON EXTRA * TETRAMINE FAST BROWN BRP * TETRAMINE FAST BROWN BRS * TRIANTINE BROWN BRS * TRIANTINE FAST BROWN OG * TRIANTINE FAST BROWN OR * TRIANTINE LIGHT BROWN BRS * TRIANTINE LIGHT BROWN OG
MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate — MUREAV 136,33,84
mma-sat 30 nmol/plate — MUREAV 136,33,84
dns-rat-orl 100 mg/kg — MUREAV 136,147,84
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:2625 mg/kg/5W-C — NCITR* NCI-CG-TR-108,78
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 29,321,82
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED — IARC** 29,321,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-108,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-108,78)
■ NIOSH CURRENT INTELLIGENCE BULLETIN 24, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COPPER DINITRATE see: QU7400000
COPPER DINITRATE TRIHYDRATE see: GL7875000
COPPERFINE-ZINC see: GL8900000

GL7600000 COPPER HYDROXIDE
UPDT:8309 CAS: 20427-59-2 MW: 97.56 MOLFM: H2-O2 Cu
SYN: COMAC * COPPER DIHYDROXIDE * COPPER(II) HYDROXIDE * COPPER(2 +) HYDROXIDE * CUPRAVIT BLAU * CUPRAVIT BLUE * CUPRIC HYDROXIDE * KOCIDE * KOCIDE 101 * KOCIDE 220 * KOCIDE 404 * KOCIDE 5D * KUPRABLAU * PARASOL
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:200 mg/kg — 28ZLAB 2,-69
* unk-rat LD50:1000 mg/kg — FMCHA2 -,C61,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COPPER(II) HYDROXIDE see: GL7600000
COPPER(2 +) HYDROXIDE see: GL7600000
COPPER chelate of N-HYDROXY-2-ACETYLAMINOFLUORENE see: AK9100000
COPPER 8-HYDROXYQUINOLATE see: VC5250000
COPPER HYDROXYQUINOLINATE see: VC5250000
COPPER 8-HYDROXYQUINOLLVATE see: VC5250000
COPPER 8-HYDROXYQUINOLINE see: VC5250000
COPPER METHANE ARSONATE see: PA2700000
COPPER-MILLED see: GL5325000
COPPER MONOSULFATE see: GL8800000
COPPER NAPHTHENATE see: QK9100000

GL7810000 COPPER-NICKEL ORE
UPDT:8411
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:15 gm/kg — 85GMAT -,39,82
* ipr-mus LD50:3846 mg/kg — 85GMAT -,39,82

COPPER (II) NITRATE see: QU7400000
COPPER(2 +) NITRATE see: QU7400000
COPPER NITRATE TRIHYDRATE see: GL7875000
COPPER(II) NITRATE TRIHYDRATE see: GL7875000

GL7875000 COPPER(II) NITRATE, TRIHYDRATE (1:2:3)
UPDT:8403 CAS: 10031-43-3 MW: 241.62 MOLFM: N2-O6 Cu 3H2-O
SYN: COPPER DINITRATE TRIHYDRATE * COPPER NITRATE TRIHYDRATE * COPPER(II) NITRATE TRIHYDRATE * CUPRIC NITRATE TRIHYDRATE * GERHARDITE * NITRIC ACID, COPPER(2 +) SALT, TRIHYDRATE
MUTATION DATA AND REFERENCES:
cyt-rat/ast 600 m ı/kg — GANNA2 54,155,63
TOXICITY DATA AND REFERENCES:
orl-rat LD50:940 mg/kg — AIHAAP 30,470,69

COPPER NORDOX see: GL8050000
COPPER OC FUNGICIDE see: GL7020000
COPPER ORE, ARSENIC CONTG. see: OB9060000
COPPER ORE (KINKASEKI) see: OB9060000
COPPER ORTHOARSENITE see: CG3385000
COPPER OXALATE see: RO2670000
COPPER(II) OXALATE see: RO2670000
COPPER OXIDE (8CI,9CI) see: GL8050000

GL8050000 COPPER(I) OXIDE
UPDT:8309 CAS: 1317-39-1 MW: 143.08 MOLFM: Cu2-O
SYN: BROWN COPPER OXIDE * C.I. 77402 * COPOX * COPPER NORDOX * COPPER OXIDE (8CI,9CI) * COPPER (1 +) OXIDE * COPPER-SANDOZ * COPPER SARDEZ * COPPER SUBOXIDE * CUPPER OXIDE (Russian) * CUPRAMAR * CUPROCIDE * CUPROUS OXIDE * DICOPPER MONOXIDE * FUNGIMAR * KUPRITE * NORDOX * OLEOCUIVRE * OLEO NORDOX * PERECOT * PERENOX * RED COPPER OXIDE * YELLOW CUPROCIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 ihl-rat TCLo:11 ug/m3/24H (14W male) — GISAAA 41(6),8,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:470 mg/kg — AIHAAP 30,470,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cu,56,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COPPER (1 +) OXIDE see: GL8050000
COPPER OXINATE see: VC5250000
COPPER (2 +) OXINATE see: VC5250000
COPPER OXINE see: VC5250000
COPPER OXYCHLORIDE see: GL7020000
COPPER OXYQUINOLATE see: VC5250000
COPPER OXYQUINOLINE see: VC5250000
COPPER(I) POTASSIUM CYANIDE see: GS2168900
COPPER QUINOLATE see: VC5250000
COPPER 8-QUINOLATE see: VC5250000
COPPER 8-QUINOLINOL see: VC5250000
COPPER QUINOLINOLATE see: VC5250000
COPPER 8-QUINOLINOLATE see: VC5250000
COPPER SALT of N,N-BIS(2-CHLOROETHYL)-N',N'-BIS(2-CARBOXYMETHYL)TRIMETHYLENEDIAMINE HCl see: GS2168550
COPPERSAN see: GL7020000
COPPER-SANDOZ see: GL8050000
COPPER SARDEZ see: GL8050000
COPPER SLAG-AIRBORNE see: GL5325000
COPPER SLAG-MILLED see: GL5325000
COPPER SODIUM CYANIDE see: GS2169400
COPPER complex with trans-N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACID see: AL1925000
COPPER SUBOXIDE see: GL8050000
COPPER SULFATE see: GL8900000
COPPER SULFATE see: GL8800000
COPPER SULFATE (1:?) see: GL8800000
COPPER(II) SULFATE see: GL8800000
COPPER(2 +) SULFATE see: GL8800000
COPPER(2 +) SULFATE (1:1) see: GL8800000

GL8800000 COPPER (II) SULFATE (1:1)
UPDT:8411 CAS: 7758-98-7 MW: 159.60 MOLFM: O4-S Cu
SYN: BCS COPPER FUNGICIDE * BLUE COPPER * BLUE STONE * BLUE VITRIOL * COPPER MONOSULFATE * COPPER SULFATE * COPPER SULFATE (1:1) * COPPER(II) SULFATE * COPPER(2 +) SULFATE * COPPER(2 +) SULFATE (1:1) * COPPER SULFATE BASIC * CP BASIC SULFATE * CUPRIC SULFATE * CUPRIC SULFATE ANHYDROUS * CUPRIC SULFATE (DOT) * CUPRIC SULPHATE * GRIFFIN SUPER Cu * INCRACIDE E 51 * KILCOP 53 * KOBASIC * NA 9109 (DOT) * PHYTO-BORDEAUX * ROMAN VITRIOL * SULFATE DE CUIVRE (French) * SULFURIC ACID, COPPER(2 +) SALT (1:1) * TNCS 53 * TRINAGLE
MUTATION DATA AND REFERENCES:
mmo-esc 7500 ppt/3H — AMNTA4 85,119,51
mmo-bcs 400 umol/L — AMAHA5 21,297,74
oms-bcs 400 umol/L — JOBAAY 85,1003,63
sln-dmg-par 1000 ppm — PNASA6 24,546,38
sln-dmg-unk 7100 ppm — BMAOA3 7,635,38
dnd-rat:lvr 1 mmol/L — SinJF# 26OCT82
dni-mus-ipr 20 gm/kg — ARGEAR 51,605,81
otr-ham:emb 80 umol/L — CNREA8 39,193,79

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

dnd-ham:emb 2200 umol/L CNREA8 39,193,79
dns-ham:emb 200 umol/L MUREAV 131,173,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 ipr-rat TDLo:7500 ug/kg (3D preg) BECTA6 25,702,80
1T02 scu-rat TDLo:12768 ug/kg (1D male) JRPFA4 7,21,64
2T01T02 itt-rat TDLo:3192 ug/kg (1D male) JRPFA4 7,21,64
1T02 scu-mus TDLo:12768 ug/kg (30D male) JRPFA4 7,21,64
3T25T41T45 ivn-ham TDLo:2130 ug/kg (8D preg) BIREBV 11,97,74

TUMORIGENIC DATA AND REFERENCES:
2V03N60 par-ckn TDLo:10 mg/kg BEXBAN 9,519,40

TOXICITY DATA AND REFERENCES:
2K13P23 orl-chd TDLo:200 mg/kg AJDCAI 131,149,77
orl-hmn LDLo:50 mg/kg JAMAAP 235,801,76
3K05K12K13 orl-hmn TDLo:11 mg/kg LANCAO 2,700,60
* orl-rat LD50:300 mg/kg 36SBAB 1,507,77
* unk-rat LD50:520 mg/kg GTPZAB 26(6),21,82
ipr-mus LD50:7 mg/kg COREAF 256,1043,63
* scu-mus LDLo:500 ug/kg TJIZAF 48,313,78
ivn-mus LDLo:50 mg/kg HBTXAC 1,76,55
ivn-rbt LDLo:4 mg/kg HBTXAC 1,76,55
ivn-gpg LDLo:2 mg/kg HBTXAC 1,76,55
par-ckn LDLo:10 mg/kg BEXBAN 9,519,40
orl-dck LDLo:600 mg/kg AUVJA2 16,147,40
ivn-frg LDLo:25 mg/kg HBTXAC 1,76,55
* orl-mam LD50:1000 mg/kg FMCHA2 -,C62,83

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADTEAS 5,51,72; AJMEAZ 38,409,65; 85DHAX Cu,23,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COPPER SULFATE BASIC see: GL8800000
COPPER SULFATE mixed with 2-tert-BUTYL-p-QUINONE see: DK3795000
COPPER(2+) SULFATE PENTAHYDRATE see: GL8950000
COPPER(II) SULFATE PENTAHYDRATE see: GL8900000

GL8900000 COPPER (II) SULFATE PENTAHYDRATE (1:1:5)
UPDT:8312 CAS: 7758-99-8 MW: 249.70 MOLFM: O4-S Cu 5H2-O
SYN: BLUE COPPER AS * BLUESTONE * BLUE VITRIOL * COPPERFINE-ZINC * COPPER SULFATE * COPPER(II) SULFATE PENTAHYDRATE * COPPER(2+) SULFATE PENTAHYDRATE * COPPER SULPHATE * CSP * CUPRIC SULFATE PENTAHYDRATE * KUPFERSULFAT (German) * KUPFERSULFAT-PENTAHYDRAT (German) * KUPFERVITRIOL (German) * ROMAN VITRIOL * SALZBURG VITRIOL * SULFURIC ACID, COPPER(2+) SALT, PENTAHYDRATE * SULFURIC ACID COPPER(2+) SALT (1:1), PENTAHYDRATE (8CI,9CI) * TRIANGLE

MUTATION DATA AND REFERENCES:
cyt-rat/ast 300 mg/kg GANNA2 54,155,63

TOXICITY DATA AND REFERENCES:
3L10M30P23 orl-hmn TDLo:272 mg/kg IPRAA8 18,807,65
orl-hmn LDLo:1088 mg/kg IPRAA8 18,807,65
unk-man LDLo:221 mg/kg 85DCAI 2,73,70
orl-rat LD50:300 mg/kg 85ARAE 2,182,77
ipr-mus LD50:33 mg/kg BCPCA6 14,289,65
orl-dog LDLo:60 mg/kg HBAMAK 4,1289,35
scu-gpg LDLo:62 mg/kg BMJOAE 2,217,13
orl-pgn LDLo:1000 mg/kg AUVJA2 16,147,40
orl-dom LDLo:5 mg/kg JCVPAR 82,47,72
* orl-mam LD50:470 mg/kg FMCHA2 -,C62,83
3F07K01K13 ipr-mam LD50:7500 ug/kg JAPTAG 55,337,82
orl-bwd LDLo:300 mg/kg AUVJA2 16,147,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GL8915000 COPPER SULFIDE ORE (DUST)
UPDT:8411

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:3584 mg/kg 85GMAT -,39,82
* ipr-mus LD50:2015 mg/kg 85GMAT -,39,82

COPPER SULPHATE see: GL8900000
COPPER TRICHLOROPHENOLATE see: SN2030000
COPPER 2,4,5-TRICHLOROPHENOLATE see: SN2030000
COPPER TRIETHANOLAMINE see: KL9282000
COPPER TRIETHANOLAMINE complex see: KL9282000
COPPER UVERSOL see: QK9100000
COPPESAN see: GL7020000
COPPESAN BLUE see: GL7020000
COPRA see: GG6040000
COPRA (DOT) see: GG6040000
COPRANTOL see: GL7020000
COPRA OIL see: GG6040000
COPREN see: MC0556000
COPREX see: GL7020000
COPRIN see: AH4084000
COPRININ see: DK6140000
COPROL see: WN0525000
COPROSAN BLUE see: GL7020000
COPROSTANOL see: FZ6350000
COPROSTAN-3-beta-OL see: FZ6350000
COPROSTEROL see: FZ6350000
COPSAMINE see: UT0875000
COPTICIDE see: WO8400000
COP-TOX see: GL7020000
CoQ(sub 10) see: DK3900000
COQUES DU LEVANT (French) see: TJ9100000
CORACON see: QS4375000
CORADON see: UT0875000
CORAETAMIDUM see: QS4375000
CORAETHAMIDE see: QS4375000
CORAETHAMIDUM see: QS4375000
CO-RAL see: GN6300000
CORALEPT see: QS4375000
CORAMINE see: QS4375000
CORANORMAL see: XF8225000
CORANORMOL see: XF8225000
CORASOL see: XF8225000
CORATOL see: UK6650000
CORATOLINE see: XF8225000
CORAVITA see: QS4375000
CORAX see: DE9450000
CO-RAX see: GN4550000
CORAX P see: FF5800000
CORAZOL see: XF8225000
CORAZOLE see: XF8225000
CORAZOLE (ANALEPTIC) see: XF8225000
CORAZONE see: QS4375000
CORBEL see: QE2060000
CORBELLA see: CK2450000
CORBIT see: CB4725000
CORCAT see: TQ7700000
CORCHORGENIN see: FH5425000
CORCHORIN see: FH5425000

GM1950000 CORCHORUS AESTUANS Linn., extract
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: TITAPATTA EXTRACT

TOXICITY DATA AND REFERENCES:
2H30V30 ipr-mus LD50:800 mg/kg IJEBA6 7,250,69

GM1953000 CORCHORUS CAPSULARIS Linn., extract
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 12,512,74)
UPDT:8303
SYN: TITAPAT EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:62 mg/kg IJEBA6 12,512,74

GM1954000 CORCHORUS CAPSULARIS Linn., leaf extract
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

GM1955000 CORCHORUS OLITORIUS L., leaf extract
DEF:Egyptian plant belonging to the family TILIACEAE (ZERNAL 19,28,80)
UPDT:8308

TOXICITY DATA AND REFERENCES:
3H30J26K12 ipr-mus LD50:5821 mg/kg ZERNAL 19,28,80

GM1955010 CORCHORUS OLITORIUS L., root extract
DEF:Egyptian plant belonging to the family TILIACEAE (ZERNAL 19,28,80)
UPDT:8308

TOXICITY DATA AND REFERENCES:
3H30J26K12 ipr-mus LD50:2570 mg/kg ZERNAL 19,28,80

GM1955020 CORCHORUS OLITORIUS L., seed extract
DEF:Egyptian plant belonging to the family TILIACEAE (ZERNAL 19,28,80)
UPDT:8308

TOXICITY DATA AND REFERENCES:
3H30J26K12 ipr-mus LD50:922 mg/kg ZERNAL 19,28,80

GM1955030 CORCHORUS OLITORIUS L., stem extract
DEF:Egyptian plant belonging to the family TILIACEAE (ZERNAL 19,28,80)
UPDT:8308

TOXICITY DATA AND REFERENCES:
3H30J26K12 ipr-mus LD50:2266 mg/kg ZERNAL 19,28,80

CORCHOSIDE A AGLYCON see: FH5425000
CORCHSULARIN see: FH5425000
CORDABROMIN see: XH2387000
CORDALEROMIN see: XH2387000
CORDAN see: DP4790000
CORDANUM see: YS7594200

GM2235000 CORDIA BROWNEI (Friesen) Johnson, leaf and stem extract
DEF:Jamaican plant belonging to the family BORAGINACEAE (JPPMAB 16,115,64)
UPDT:8405

TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:20 gm/kg JPPMAB 16,115,64

GM2236000 CORDIA DICHOTOMA Forst. f., extract excluding roots
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: LASURA, extract

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:25 mg/kg IJEBA6 15,208,77

GM2238000 CORDIA GLOBOSA (L.) H.B.K., leaf and stem extract
DEF:Jamaican plant belonging to the family BORAGINACEAE (JPPMAB 14,556,62)
UPDT:8405

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:4 gm/kg JPPMAB 14,556,62

CORDIAMID see: QS4375000
CORDIAMIN see: QS4375000
CORDIAMINE see: QS4375000

GM2460000 CORDIA MYXA Linn., extract excluding roots
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 12,512,74)
UPDT:8302

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 12,512,74

GM2462000 CORDIA ROTHII Roem. & Schult., extract excluding roots
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: GONDI EXTRACT

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:250 mg/kg IJEBA6 11,43,73

GM2464000 CORDIA VESTITA Hook. f. & Thoms., extract excluding roots
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: BAROLA EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

CORDILOX see: YV8320000
CORDIPIN see: US7975000 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-2,6-DIMETHYL-4-(2-NITROPHENYL)-, DIMETHYL ESTER
CORDITON see: QS4375000
CORDIUM see: UY1162000 1-PYRROLIDINEETHANAMINE, beta-((2-METHYLPROPOXY)METHYL)-N-PHENYL-N-(PHENYLMETHYL)-, MONOHYDROCHLORIDE, MONOHYDRATE
CORDOIN see: UB[illegible]79200
CORDOVAL see: [illegible]12[illegible]000
CORDULAN see: FZ8400000
CORDYCEPIN see: AU7358610
CORDYCEPINE see: AU7358610
9-CORDYCEPOSYLADENINE see: AU7358610
CORDYNIL see: QS4375000
COREDIOL see: QS4375000
COREINE see: FI0700000
CORESPIN see: QS4375000
CORETAL see: UA5270000
CORETAL see: UA5277000
CORETHAMIDE see: QS4375000
CORETONE see: QS4375000
CORFLEX 880 see: TI1300000
CORGLYCON see: GL4025000
CORGLYCONE see: GL4025000
CORGLYKON see: GL4025000

BEST COPY AVAILABLE

CORIAL EM FINISH F see: QW0970000

GM2975000 CORIAMYRTIN
UPDT:8403 CAS: 2571-86-0 MW: 278.33 MOLFM: C15-H18-O5
SYN: CORIAMYRTINE * CORIAMYRTIONE
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:1 mg/kg JPETAB 57,410,36
ivn-rat LDLo:700 ug/kg JPETAB 57,410,36
ipr-mus LD50:3 mg/kg JMCMAR 11,729,68
ivn-mus LDLo:1 mg/kg JPETAB 57,410,36
* unk-mus LD50:1 mg/kg MEIEDD 10,361,83
scu-rbt LDLo:1 mg/kg JPETAB 57,410,36
ivn-rbt LDLo:400 ug/kg JPETAB 57,410,36
scu-frg LDLo:10 mg/kg JPETAB 57,410,36
* unk-frg LD50:5800 ug/kg MEIEDD 10,361,83
CORIAMYRTINE see: GM2975000
CORIAMYRTIONE see: GM2975000

GM3150000 CORIANDER OIL
UPDT:8307 CAS: 8008-52-4
SYN: OIL OF CORIANDER * OILS, CORIANDER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 11,1077,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4130 mg/kg FCTXAV 11,1077,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CORIANTIN see: MD6953000

GM3153000 CORIARIA NEPALENSIS Wall., extract excluding roots
DEF:Indian plant belonging to the family CORIARIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: MACHENA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:175 mg/kg IJEBA6 11,43,73
CORICIDIN see: AM4375000
CORID see: TJ7560000
CORIFORTE see: AM4375000
CORIL see: AJ1460000
CORINE see: YM2800000
CORISAN see: XF8225000
CORISOL see: DO2625000
CORIZIUM see: RQ3675000
CORLAN see: GM9015000
CORLIN see: GM9020000
CORLIN see: AJ1460000
CORLUTIN see: TW0175000
CORLUTINA see: TW0175000
CORLUTIN L.A. see: TU5085000
CORLUVITE see: TW0175000
CORMALONE see: TU4152500
CORMED see: QS4375000
CORMELIAN see: DI0250000
CORMID see: QS4375000
CORMOGRIZIN see: ME3609000
CORMOTYL see: QS4375000
CORNIGERINE see: AC8587000

GM4440000 CORNMINT OIL
DEF:Found in the plant MENTHA ARVENSIS var. PIPERASCENS Holmes, and the main constituent is l-MENTHOL (FCTXAV 13,681,75)
UPDT:8305
SYN: JAPANESE MINT OIL * OIL MENTHA ARVENSIS
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1240 mg/kg FCTXAV 13,771,75
CORNOCENTIN see: KE5075000
CORNOCENTIN see: KE5250000

GM4800000 CORN OIL
UPDT:8408 CAS: 8001-30-7
SYN: MAISE OIL * MAYDOL * MAZOLA OIL
IRRITATION DATA AND REFERENCES:
skn-hmn 300 mg/3D-I MLD 85DKAB -,127,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T48T54 orl-rat TDLo:12500 mg/kg (15-19D preg) TJADAB 27,75A,83
1T54 orl-mus TDLo:30 gm/kg (15-17D preg) TJADAB 29(2),57A,84
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CORNOTONE see: QS4375000
CORNOX CWK see: AF9700000
CORNOX-M see: AG1575000
CORNOX RD see: UF1050000
CORNOX RK see: UF1050000
CORN PRODUCTS see: GM5090000

GM5090000 CORN STARCH
UPDT:8305 CAS: 9005-25-8
SYN: AMAIZO W 13 * AMYLOMAIZE VII * AMYLUM * AQUAPEL (POLYSACCHARIDE) * ARGO BRAND CORN STARCH * ARROWROOT STARCH * CLARO 5591 * CLEARJEL * CLEARJEL * CORN PRODUCTS * CPC 3005 * CPC 6448 * FARINEX 100 * GALACTASOL A * GENVIS * HRW 13 * KEESTAR * MAIZENA * MARANTA * MELOGEL * MELUNA * OK PRE-GEL * PENFORD GUM 380 * REMYLINE Ac * RICE STARCH * SORGHUM GUM * STARAMIC 747 * STARCH * alpha-STARCH * STARCH, CORN * STA-RX 1500 * TAPIOCA STARCH * TAPON * TROGUM * W-GUM * W-13 STABILIZER
IRRITATION DATA AND REFERENCES:
skn-hmn 300 ug/3D-I MLD 85DKAB -,127,77
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:6600 mg/kg PCJOAU 15,139,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CORN SUGAR see: LZ6600000

GM5150000 CORNUS CAPITATA Wall. ex Roxb., leaf extract
DEF:Indian plant belonging to the family CORNACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: THATMAL LEAF EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg IJEBA6 7,250,69

GM5160000 CORNUS MACROPHYLLA Wall., extract excluding roots
DEF:Indian plant belonging to the family CORNACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: HALEO EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 11,43,73
CORODANE see: PB9800000
CORODANE see: PC0350000
CORODIL see: XH2387000
CORODILAN see: UH0350000
CORONA COROZATE see: ZH0525000
CORONAL see: XH5100000
CORONAL-CRINOS see: OB1835000
CORONALETTA see: CG6825000
CORONARIDINE HYDROCHLORIDE see: PC5080000
CORONARIN see: XH5100000
CORONARINE see: KK7450000

GM5400000 CORONENE
UPDT:8403 CAS: 191-07-1 MW: 300.36 MOLFM: C24-H12
SYN: HEXABENZOBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate/48H FCTXAV 17,141,79
dnd-mam:lym 20 mg BIPMAA 4,409,66
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:20 mg/kg/W-I NCIMAV 28,173,68
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,263,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GM5450000 CORONENE, 1-NITRO-
UPDT:8403 CAS: 81316-84-9 MW: 345.36 MOLFM: C24-H11-N-O2
SYN: 1-NITROCORONENE
MUTATION DATA AND REFERENCES:
mma-sat 500 pmol/plate ENMUDM 5,859,83
CORONIN see: LV1050000
COROSAMIN see: AJ1460000
COROSUL D and S see: WS4250000
COROTHION see: TF4550000
COROTONIN see: QS4375000
COROTRAN see: DB5250000
COROVIT see: QS4375000
COROXON see: GN5950000
COROZATE see: ZH0525000
CORPAX see: SH6480000
CORPHYLLIN see: XH5100000
CORPORIN see: TW0175000
CORPS PRALINE see: UQ1050000
CORPS R. 261 see: GM0875000
CORPUS LUTEUM HORMONE see: TW0175000
CORREX see: EY8592000
CORRIGEN see: FH4585000
CORRONAROBETIN see: TI4375000
CORROSIVE MERCURY CHLORIDE see: OV9100000
CORROSIVE SUBLIMATE see: OV9100000
CORRY'S SLUG DEATH see: XF9900000
CORSEDROL see: XF8225000
CORSONE see: TU3980000
CORSTILINE see: GM7900000
CORT A see: GM7820000
CORTACET see: HG0525000
CORTACREAM see: GM8960000
CORTADREN see: GM9020000
CORTADREN see: GM9140000
CORTANCYL see: TU4154100
CORTATE see: HG0525000
CORT-DOME see: GM8925000
CORTEF see: GM8925000
CORTEF ACETATE see: GM8960000
CORTELAN see: GM9140000
CORTELL see: GM8960000
CORTENEMA see: GM8925000
CORTENIL see: HG0525000
CORTESAN see: HG0525000
CORTEXAL see: AB2920000
CORTEX ALDEHYDE see: AB2990000
CORTEXOLAR see: TU3832000
CORTEXONE see: HG0350000
CORTEXONE ACETATE see: HG0525000
COR-THEOPHYLLINE see: XH5100000
CORTHION see: TF4550000
CORTHIONE see: TF4550000
CORTICOSTERON see: GM7650000

GM7650000 CORTICOSTERONE
UPDT:8411 CAS: 50-22-6 MW: 346.51 MOLFM: C21-H30-O4
SYN: COMPOUND B * CORTICOSTERON * 17-DEOXYCORTISOL * 11-beta,21-DIHYDROXYPREGN-3,20-DIONE * 11,12-DIHYDROXYPROGESTERONE * 11-beta,21-DIHYDROXYPROGESTERONE * 11-HYDROXYCORTICOALDOSTERONE * KENDALL'S COMPOUND B * 4-PREGNENE-11 beta,21-DIOL-3,20-DIONE * PREGN-4-ENE-3,20-DIONE, 11,21-DIHYDROXY-, (11-beta)- (9CI) * PREGN-4-ENE-3,20-DIONE, 11-beta,21-DIHYDROXY- * REICHSTEIN'S SUBSTANCE H
MUTATION DATA AND REFERENCES:
dni-ckn:emb 1500 pmol/L NATUAS 257,804,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T49T81 ipr-rat TDLo:14 mg/kg (19-20D preg) BNEOBV 36,1,79
2T34T52 scu-rat TDLo:525 mg/kg (12-18D preg) ACEDAB 173,44,73
1T43 scu-rat TDLo:500 mg/kg (8-17D preg) AGDJAI 18,34,70
2T25T43 scu-mus TDLo:400 mg/kg (11-14D preg) JDREAF 50,609,71
2T25T43 ims-mus TDLo:400 mg/kg (11-14D preg) JDREAF 50,609,71
1T34 ims-ham TDLo:40 mg/kg (11D preg) JEEMAF 36,101,76
1T43 ims-ham TDLo:80 mg/kg (11D preg) JEEMAF 36,101,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CORTICOSTERONE ACETATE see: GM7820000

GM7820000 CORTICOSTERONE, 21-ACETATE
UPDT:8403 CAS: 1173-26-8 MW: 388.55 MOLFM: C23-H32-O5
SYN: CORT A * CORTICOSTERONE ACETATE * 11-beta,21-DIHYDROXYPREGN-4-ENE-3,20-DIONE ACETATE * PREGN-4-ENE-3,20-DIONE, 21-(ACETYLOXY)-11-HYDROXY-, (11-beta)-(9 CI) * PREGN-4-ENE-3,20-DIONE, 11-beta,21-DIHYDROXY-, 21-ACETATE * SKF 5654
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T52 orl-rat TDLo:40 mg/kg (19-22D preg) PSEBAA 140,1360,72
3T12T13T14 ipr-rat TDLo:250 mg/kg (3D pre) JRPFA4 51,309,77
1T02 ipr-rat TDLo:250 mg/kg (1D male) JRPFA4 51,309,77
1T21 ipr-rat TDLo:250 mg/kg (3D pre) JRPFA4 51,309,77
1T52 scu-rat TDLo:60 mg/kg (21-22D preg) PSEBAA 140,1360,72
2T43T31 scu-mus TDLo:400 mg/kg (11-14D preg) TJADAB 6,313,72
1T27 scu-mus TDLo:800 mg/kg (11-14D preg) TJADAB 6,313,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CORTICOSTERONE, DEOXY-, ACETATE see: HG0525000
CORTICOTROPHIN see: GM7900000
CORTICOTROPIN see: GM7900000

BEST COPY AVAILABLE

GM7900000 CORTICOTROPIN
UPDT-8403 CAS: 9002-60-2
SYN: ACETHROPAN * ACORTO * ACTH * ACTHAR * ACORTAN * ACTON * ACTONAB * ADRENAL CORTEX HORMONE * ADRENOCORTICOTROPIC HORMONE * AE-HYNOCORTICOTROPHIN * ADRENOCORTICOTROPIC HORMONE * ADRENOCORTICOTROPIN * ADRENOMONE * ADRENOTROPHIN * ALFATROPIN * CIBACTHEN * CORSTILINE * CORTICOTROPHIN * CORTICOTROPIN * CORTICOTROPIN-LIKE SUBSTANCES * CORTIMYSON * CORTROPHIN * DYNAMONE * EXACTHIN * ISACTID * PITUITARY GLAND ADRENO CORTICO-TROPIC HORMONE * REACTHIN * SOLACTHYL * TUBEX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	ipr-rat TDLo:205 mg/kg (5-7D preg)	ENDOAO 94,1282,69
1T26	ipr-rat TDLo:103 mg/kg (5-7D preg)	ENDOAO 84,1282,69
2T76T85	scu-rat TDLo:8 mg/kg (2-21D preg)	PHBPA4 19,601,77
3T27T34T71	scu-rat TDLo:50 mg/kg (5D pre)	AJPHAP 191,319,57
3T27T34T71	scu-rat TDLo:50 ug/kg (11-15D preg)	AJPHAP 191,319,57
1T103	scu-rat TDLo:319 mg/kg (14D male)	AMEBA7 40,393,62
1T21	unk-rat TDLo:48 mg/kg (4D male)	ANENAG 24(Suppl 3),1,64
3T137T26T34	scu-mus TDLo:182 mg/kg (8D preg)	ENDOAO 107,616,80
1T24	scu-mus TDLo:1459 mg/kg (1-8D preg)	ENDOAO 107,616,80
2T12T13	scu-mus TDLo:90 mg/kg (40D pre)	LIFSAK 22,1381,78
1T43	ims-mus TDLo:1600 mg/kg (13-14D preg)	JCCPAY 43,237,54
1T25	ims-mus TDLo:9 mg/kg (11-14D preg)	JDREAF 50,609,71
1T52	ims-mky TDLo:116 mg/kg (19-23W preg)	ENDOAO 55,125,54
1T48	ims-mky TDLo:260 mg/kg (14-23W preg)	ENDOAO 55,125,54
1T35	par-rbt TDLo:10500 ug/kg (19-26D preg)	JOENAK 14,284,56
1T52	par-rbt TDLo:21 mg/kg (19-26D preg)	JOENAK 14,284,56
1T29	ims-pig TDLo:45600 ug/kg (12D pre)	JRPFA4 64,85,82
2T34T43	par-ham TDLo:180 gm/kg (11D preg)	TXAPA9 42,229,77

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 5,447,65; ADVPA3 4,263,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CORTICOTROPIN-LIKE SUBSTANCES see: GM7900000
CORTIFAN see: GM8925000
CORTIFAR see: HG0525000
CORTIGEN see: HG0525000
CORTILAN-NEU see: PB9800000
CORTINA-J see: HG0525000
CORTINAZINE see: NS1750000
CORTINELLUS SHIITAKE EXTRACT (Japanese) see: NY9262000
CORTIPHYSON see: GM7900000
CORTIPRED see: TU4152500
CORTIRON see: HG0525000
CORTIS see: XE8225000
CORTISAL see: GM9140000
CORTISAL see: GM9120000
CORTISATE see: GM9140000
CORTISATE see: GM9020000

GM8925000 CORTISOL
UPDT-8411 CAS: 50-23-7 MW: 934.97 MOLFM: C21-H30-N4O-O5-S
SYN: AEROSEB-HC * ANTI-INFLAMMATORY HORMONE * BARSEB HC * CETACORT * COBADEX * COMPOUND F * COMPOUND S (KENDALL) * CORT-DOME * CORTEF * CORTENEMA * CORTIFAN * CORTISOL ALCOHOL * CORTISPRAY * CORTONEMA * CORTRIL * DERMACORT * ETCORBIN * FF CORLIN * FECORTELIN * FLOECORT * FLOCORTRIL * FIOCORTRIL * GENACORT * HC * HEB-CORT * HIDRO-COLISONA * HYCORT * HYCORTOL * HYCORTOLE * HYDRO-ADRESON * HYDROCOLISONA * HYDROCORTISONE * 11-beta-HYDROCORTISONE * HYDROCORTISONE FREE ALCOHOL * HYDROCORTISTAB * HYDROCORTISYL * HYDROCORTONE * 17-HYDROXYCORTICOSTERONE * HYDROXYCORTISONE * 11-beta-HYDROXYCORTISONE * HYTONE * HYTONE LOTION * INCORTIN-H * KENDALL'S COMPOUND F * NSC 10483 * OPTEF * OTOSONE-F * PERMICORT * PREGN-4-ENE-3,20-DIONE, 11,17,21-TRIHYDROXY-, (11-beta)- * 4-PREGNENE-11-beta,17-alpha,21-TRIOL-3,20-DIONE * PROCTOCORT * RECTOID * REICHSTEIN'S SUBSTANCE M * SCHEROSON F * TARCORTIN * TEXACORT LOTION 25 * TOPICORT * TRAUMAID * 11-beta,17,21-TRIHYDROXYPREGN-4-ENE-3,20-DIONE * 11-beta,17-alpha,21-TRIHYDROXYPREGN-4-ENE-3,20-DIONE * 11-beta,17-alpha,21-TRIHYDROXY-4-PREGNENE-3,20-DIONE

MUTATION DATA AND REFERENCES:

dns-rat-ipr 20 mg/kg		BEXBAN 94,1511,82
dni-rat-ipr 100 mg/kg		BEXBAN 81,90,76
dni-rat-mmr 1 mg/L		AMBPBZ 85,57,77
cyt-mus-ipr 50 mg/kg		APSCD2 84,185,76
dns-gpg-lng 1 mg/L		PSEBAA 171,109,82
dni-gpg-ipr 50 mg/kg		BEXBAN 78,1417,74
dni-gpg-lng 1 mg/L		PSEBAA 171,109,82
dns-ckn-emb 10 mg/L		ITCSAF 20,172,84
dni-ckn-emb 450 pmol/L		NATUAS 257,804,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-rat TDLo:210 mg/kg (14D pre)	FESTAS 24,284,73
1T83	ipr-rat TDLo:60 mg/kg (14-15D preg)	BBRCA9 75,125,77
1T83	scu-rat TDLo:50 mg/kg (18D preg)	SJDBA9 10,425,79
2T52T81	scu-rat TDLo:330 mg/kg (1-22D preg)	AMEBA7 40,297,62
2T34T43	ims-rat TDLo:500 mg/kg (13D preg)	TCMUD8 3,313,83
1T39	par-rat TDLo:50 mg/kg (16-18D preg)	PEREBL 11,282,77
1T13	par-rat TDLo:35 mg/kg (7D pre)	JEMEAV 102,347,55
1T43	orl-mus TDLo:10 mg/kg (11-14D preg)	TXAPA9 45,344,78
2T25T43	ipr-mus TDLo:400 mg/kg (11-14D preg)	JDREAF 50,609,71
2T25T43	scu-mus TDLo:400 mg/kg (11-14D preg)	JDREAF 50,609,71
1T43	scu-mus TDLo:156 mg/kg (11-14D preg)	TCMUD8 1,15,80
2T25T43	ims-mus TDLo:400 mg/kg (11-14D preg)	JDREAF 50,609,71
2T35T59	ipc-mus TDLo:4 mg/kg (11D preg)	40YJAX -,207,76
2T77T81	scu-rbt TDLo:6 mg/kg (24-26D preg)	PEREBL 12,38,78
1T35	ocu-rbt TDLo:2945 ug/kg (6-18D preg)	TXAPA9 16,773,70
2T42T55	scu-gpg TDLo:12 mg/kg (16-17D preg)	ANREAK 144,155,62
2T34T43	ims-hmn TDLo:150 mg/kg (12D preg)	TJADAB 7,191,73
1T25	ims-ham TDLo:333 mg/kg (10D preg)	JEEMAF 35,213,76

TOXICITY DATA AND REFERENCES:

1Y55	ipr-rat LD50:150 mg/kg	JJPAAZ 21,377,71
	scu-rat LD50:566 mg/kg	TXAPA9 8,250,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLPTAT 5,480,64; ADVPA3 4,263,66

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

delta(sup 1)-CORTISOL see: TU4152000
CORTISOL ACETATE see: GM8960000

GM8960000 CORTISOL, 21-ACETATE
UPDT-8411 CAS: 50-03-3 MW: 404.55 MOLFM: C23-H32-O6
SYN: ABBOCORT * ACETATE 45 * 21-ACETOXY-11-beta,17-alpha-DIHYDROXYPREGN-4-ENE-3,20-DIONE * BAMBICORT * BERLISON F * BIOCORTAR * CHEMYSONE * COMPOUND F ACETATE * CORTACREAM * CORTEF ACETATE * CORTELL * CORTISOL ACETATE * CORTRIL ACETATE * 11-beta,17-alpha-DIHYDROXY-21-ACETOXYPREGESTERONE * HA * HCA * HYCORTOLE ACETATE * HYDEN-2 * 17-alpha-HYDROCORTICOSTERONE 21-ACETATE * HYDROCORTISAT * HYDROCORTISONE ACETATE * HYDROCORTISONE 21-ACETATE * HYDROCORTISTAB * HYDROCORTONE ACETATE * HYDROXY CORTICOSTEPONE ACETATE * 17-HYDROXYCORTICOSTERONE ACETATE * 17-HYDROXYCORTICOSTERONE 21-ACETATE * 17-alpha-HYDROXYCORTICOSTERONE ACETATE * ISOPTO HYDROCORTISONE * MYSONE * PABRACORT * PREGN-4-ENE-3,20-DIONE, 21-(ACETOXY)-11,17-DIHYDROXY-, (11-beta)- * PREGN-4-ENE-3,20-DIONE, 21-(ACETOXY)-11,17-DIHYDROXY-, (11-beta)-, (8CI)

MUTATION DATA AND REFERENCES:

dnd-mus-ipr 60 mg/kg		OTAJAE 51,1,74
oms-mus-ipr 150 mg/kg		BEXBAN 77,437,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T35	orl-rat TDLo:1 gm/kg (6-15D preg)	BCFAAI 119,391,80
2T41T43	orl-rat TDLo:1500 mg/kg (6-15D preg)	BCFAAI 119,391,80
1T24	ipr-rat TDLo:2 mg/kg (2-5D preg)	ENDOAO 81,1091,67
2T25T34	scu-rat TDLo:350 mg/kg (1-7D preg)	ANREAK 129,133,57
1T52	scu-rat TDLo:600 mg/kg (7-14D preg)	ANREAK 129,133,57
1T31	scu-rat TDLo:200 mg/kg (7-14D preg)	ANREAK 129,133,57
3T34T35T43	orl-mus TDLo:125 mg/kg (6-15D preg)	BCFAAI 119,391,80
1T46	scu-mus TDLo:936 ug/kg (7-12D preg)	OYYAA2 8,1035,74
3T43T46T59	scu-mus TDLo:75 mg/kg (10-12D preg)	JEEMAF 20,355,68
1T35	scu-mus TDLo:84 mg/kg (10-12D preg)	JEEMAF 20,355,68
1T42	scu-mus TDLo:50 mg/kg (14D preg)	TJADAB 30(1),11A,84
2T43T72	ims-mus TDLo:1200 mg/kg (10-21D preg)	NATUAS 169,665,52
1T43	ims-mus TDLo:320 mg/kg (11D preg)	TJADAB 4,31,71
1T25	ims-mus TDLo:64 mg/kg (11D preg)	TJADAB 4,31,71
1T43	par-mus TDLo:200 mg/kg (11D preg)	CLPJAX 9,210,72
3T34T41T46	orl-rbt TDLo:13 mg/kg (6-18D preg)	BCFAAI 119,391,80
1T29	ims-pig TDLo:100 mg/kg (12D pre)	JRPFA4 64,85,82

TOXICITY DATA AND REFERENCES:

*	scu-rat LD50:250 mg/kg	ARZNAD 27,2102,77
	ipr-mus LD50:2300 mg/kg	CLDND*
*	scu-mus LDLo:125 mg/kg	ARZNAD 27,2102,77

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLPTAT 5,480,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CORTISOL ALCOHOL see: GM8925000

GM9002000 CORTISOL, 17-BUTYRATE
UPDT-8408 CAS: 13609-67-1 MW: 432.61 MOLFM: C25-H36-O5
SYN: HB(sub 17) * H 17B * HYDROCORTISONE BUTYRATE * HYDROCORTISONE 17-BUTYRATE * HYDROCORTISONE 17-alpha-BUTYRATE * LOCOID * PREGN-4-ENE-3,20-DIONE, 11,21-DIHYDROXY-17-(1-OXOBUTOXY)-, (11-beta)-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81	skn-rat TDLo:16500 ug/kg (7-17D preg)	YACHDS 9,3045,81
1Tu2	skn-rat TDLo:70 gm/kg (35D male)	OYYAA2 20,225,80
1T02	scu-rat TDLo:3 mg/kg (30D male)	OYYAA2 8,991,74
3T25T35T72	scu-rat TDLo:54 mg/kg (9-14D preg)	OYYAA2 8,1035,74
2T34T46	scu-rat TDLo:1100 ug/kg (7-17D preg)	OYYAA2 21,441,81
1T26	scu-rat TDLo:110 mg/kg (7-17D preg)	OYYAA2 21,441,81
2T81T86	scu-rat TDLo:55 mg/kg (7-17D preg)	OYYAA2 20,67,80
1T12	scu-rat TDLo:18200 ug/kg (26W pre)	OYYAA2 8,991,74
1T46	scu-mus TDLo:6 mg/kg (7-12D preg)	OYYAA2 8,1035,74
3T34T43T46	scu-rbt TDLo:3250 ug/kg (6-18D preg)	OYYAA2 20,87,80
1T13	scu-rbt TDLo:3250 ug/kg (6-18D preg)	OYYAA2 20,87,80

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1550 mg/kg	NIIRDN 6,628,82
3D28F17J25	scu-mus LD50:2150 mg/kg	JTSCDR 6,1,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GM9003000 CORTISOL, 17-BUTYRATE, 21-PROPIONATE
UPDT-8405 CAS: 72590-77-3 MW: 488.68 MOLFM: C28-H40-O7
SYN: 17-BUTYRYLOXY-11-beta-HYDROXY-21-PROPIONYLOXY-4-PREGNENE-3,20-DIONE * HBP * HYDROCORTISONE BUTYRATE PROPIONATE * HYDROCORTISONE 17-BUTYRATE 21-PROPIONATE * PREGN-4-ENE-3,20-DIONE, 11-HYDROXY-17-(1-OXOBUTOXY)-21-(1-OXOPROPOXY)-, (11-beta)- * PREGN-4-ENE-3,20-DIONE, 11-beta,17,21-TRIHYDROXY-, 17-BUTYRATE, 21-PROPIONATE

IRRITATION DATA AND REFERENCES:

skn-rbt 1000 ppm MLD		YACHDS 9,3023,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T46T72	skn-rat TDLo:82500 ug/kg (7-17D preg)	YACHDS 9,3045,81
1T81	skn-rat TDLo:82500 ug/kg (7-17D preg)	YACHDS 9,3045,81
2T45T46	scu-rat TDLo:500 mg/kg (11D preg)	YACHDS 9,3083,81
1T34	scu-rat TDLo:5 mg/kg (7D preg)	YACHDS 9,3083,81
1T46	scu-rat TDLo:1100 ug/kg (7-17D preg)	OYYAA2 21,441,81
1T24	scu-rat TDLo:1296 ug/kg (9W male/2W pre-7D preg)	OYYAA2 21,427,81
1T86	scu-rat TDLo:440 ug/kg (7-17D preg)	OYYAA2 21,441,81
3T25T26T35	scu-rbt TDLo:6500 ug/kg (6-18D preg)	OYYAA2 21,483,81
1T81	scu-rbt TDLo:1300 ug/kg (6-18D preg)	OYYAA2 21,483,81
1T46	scu-rbt TDLo:6500 ug/kg (6-18D preg)	OYYAA2 21,483,81

TOXICITY DATA AND REFERENCES:

3D28F17J25	orl-rat LD50:5120 mg/kg	JTSCDR 6,1,81
3D28F17J25	ipr-rat LD50:1420 mg/kg	JTSCDR 6,1,81
3D28F17J25	scu-rat LD50:3260 mg/kg	JTSCDR 6,1,81
3D28F17J25	orl-mus LD50:6720 mg/kg	JTSCDR 6,1,81
3D28F17J25	ipr-mus LD50:1660 mg/kg	JTSCDR 6,1,81
3D28F17J25	scu-mus LD50:1980 mg/kg	JTSCDR 6,1,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CORTISOL HEMISUCCINATE SODIUM SALT see: GM9015000
CORTISOL, 21-(HYDROGEN SUCCINATE), MONOSODIUM SALT (8CI) see: GM9015000
CORTISOL SODIUM HEMISUCCINATE see: GM9013000
CORTISOL SODIUM SUCCINATE see: GM9015000
CORTISOL 21-SODIUM SUCCINATE see: GM9015000

GM9015000 CORTISOL, SUCCINATE, SODIUM SALT
UPDT-8407 CAS: 125-04-2 MW: 502.59 MOLFM: C25-H33-O9-Na
SYN: A-HYDROCORT * BUCCALSONE * CORLAN * CORTISOL HEMISUCCINATE SODIUM SALT * CORTISOL 21-(HYDROGEN SUCCINATE), MONOSODIUM SALT (8CI) * CORTISOL SODIUM HEMISUCCINATE * CORTISOL SODIUM SUCCINATE * CORTISOL 21-SODIUM SUCCINATE * EF-CORTELAN SOLUBLE * EMI-CORLIN * FLEBOCORTID * HYCORACE * HYDROCORTISONE SODIUM SUCCINATE * HYDROCORTISONE 21-SODIUM SUCCINATE * INTRACORT * NORDICORT * ORALSONE * SODIUM HYDROCORTISONE SUCCINATE * SODIUM HYDROCORTISONE 21-SUCCINATE * SOLU-CORTEF * SOLU-GLYC * U 4905

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T43	ocu-mus TDLo:120 mg/kg (10-13D preg)	TJADAB 16,175,77
1T54	scu-rbt TDLo:30 mg/kg (28-30D preg)	KRMJAC 27,51,80
2T34T49	ims-rbt TDLo:30 mg/kg (26-28D preg)	PEDIAU 48,547,71

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1320 mg/kg	NIIRDN 6,625,82
*	ipr-mus LD50:1050 mg/kg	NIIRDN 6,625,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GM9020000 CORTISONE
UPDT-8411 CAS: 53-06-5 MW: 360.49 MOLFM: C21-H28-O5
SYN: ADRENALEX * COMPOUND E * CORLIN * CORTADREN * CORTISAL * CORTISATE * CORTISTAL * CORTI-TE * CORTOGEN * CORTONE * 11-DEHYDRO-17-HYDROXYCORTICOSTERONE * 17alpha,21-DIHYDROXYPREGN-4-ENE-3,11,20-TRIONE * 17alpha,21-DIHYDROXY-4-PREGNENE-3,11,20-TRIONE * 17-HYDROXY-11-DEHYDROCORTICOSTERONE * 17-alpha-HYDROXY-11-DEHYDROCORTICOSTERONE * INCORTIN * KE * KENDALL'S COMPOUND E * PREGN-4-EN-17alpha,21-DIOL-3,11,20-TRIONE * delta(sup 4)-PREGNENE-17alpha,21-DIOL-3,11,20-TRIONE * 4-PREGNENE-17alpha,21-DIOL-3,11,20-TRIONE * PREGN-4-ENE-3,11,20-TRIONE, 17,21-DIHYDROXY- * REICHSTEIN'S SUBSTANCE EA * SCHEROSON * WINTERSTEINER'S COMPOUND E

MUTATION DATA AND REFERENCES:

cyt-slw-par 100 umol/L		ENZYAS 41,183,71

dns-rat-scu 168 mg/kg/3D-C ENDOAO 94,1637,74
dni-rat-scu 168 mg/kg/3D-C ENDOAO 94,1637,74
dnd-mus:lvr 100 umol/L ENZYAS 41,183,71
dnd-mam:lvr 1 mmol/L ENZYAS 41,183,71
dnd-mam:lym 10 umol/L ENZYAS 41,183,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T42T46T47 orl-wmn TDLo:90 mg/kg (90D preg) AJOGAH 65,227,53
1T77 orl-wmn TDLo:160 mg/kg (16W pre/1-39W preg) OBGNAS 1,276,53
1T43 unk-wmn TDLo:476 mg/kg (1-34W preg) LANCAO 2,730,56
1T43 scu-rat TDLo:500 mg/kg (8-17D preg) AGDJAI 18,34,70
1T91 ims-rat TDLo:110 mg/kg (1-22D preg) JCINAO 41,710,62
1T48 ims-rat TDLo:225 mg/kg (13-22D preg) ACENA7 50,104,65
1T52 ims-rat TDLo:110 mg/kg (1-22D preg) ACENA7 53,547,66
3T39T52T83 ims-rat TDLo:82500 ug/kg (11D preg) ACENA7 60,36,69
1T13 par-rat TDLo:35 mg/kg (7D pre) JEMEAV 102,347,55
1T21 unk-rat TDLo:144 mg/kg (9D male) ANENAG 24(Suppl 3),1,63
1T43 orl-mus TDLo:500 mg/kg (6-15D preg) 28QFAD -,85,73
1T43 ipr-mus TDLo:400 mg/kg (11-14D preg) JDREAF 50,609,71
2T25T43 ipr-mus TDLo:200 mg/kg (11D preg) JDREAF 45,1767,66
2T25T43 scu-mus TDLo:400 mg/kg (11-14D preg) JDREAF 50,609,71
2T25T43 ims-mus TDLo:400 mg/kg (11-14D preg) JDREAF 50,609,71
1T43 ims-mus TDLo:100 mg/kg (11-13D preg) ANREAK 142,479,62
3T72T75T81 ims-mus TDLo:300 mg/kg (12D preg) JTEHD6 10,541,82
1T29 unk-mus TDLo:120 mg/kg (1D pre) FESTAS 12,346,61
2T34T35 par-rbt TDLo:32 mg/kg (20-27D preg) JOENAK 14,284,56
1T25 unk-rbt TDLo:450 mg/kg (16-30D preg) AKGIAO 43(12),10,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJOGAH 96,985,66; LANCAO 1,1045,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

delta(sup 1)-CORTISONE see: TU4154100

CORTISONE ACETATE see: GM9140000

GM9140000 CORTISONE 21-ACETATE

UPDT:8411 CAS: 50-04-4 MW: 402.53 MOLFM: C23-H30-O6

SYN: ACETATE CORTISONE * 21-ACETOXY-17,alpha-HYDROXYPREGN-4-ENE-3,11,20-TRIONE * 21-ACETOXY-17,alpha-HYDROXY-3,11,20-TRIKETOPREGNENE-4 * ADRESON * ARTRIONA * BIOCORT ACETATE * COMPOUND E ACETATE * CORTADREN * CORTELAN * CORTISAL * CORTISATE * CORTISONE ACETATE * CORTISONE MONOACETATE * CORTISTAB * CORTISYL * CORTIVITE * CORTOGEN * CORTOGEN ACETATE * CORTONE * CORTONE ACETATE * 11-DEHYDRO-17-HYDROXYCORTICOSTERONE ACETATE * 11 DEHYDRO 17-HYDROXYCORTICOSTERONE 21-ACETATE * 17,21-DIHYDROXYPREGN-4-ENE-3,11,20-TRIONE ACETATE * INCORTIN * IRISONE ACETATE * 4-PREGNENE-17,alpha,21-DIOL-3,11,20-TRIONE 21-ACETATE * PREGN-4-ENE-3,11,20-TRIONE, 21-(ACETYLOXY)-17-HYDROXY- (9CI) * PREGN-4-ENE-3,11,20-TRIONE, 17,21-DIHYDROXY-, 21-ACETATE * RICORTEX * SCHERISON

MUTATION DATA AND REFERENCES:
mmo-bcs 5 gm/L MUREAV 42,19,77
dnr-bcs 5 gm/L MUREAV 42,19,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T16 orl-rat TDLo:300 mg/kg (20-21D preg) PRGLBA 4,93,73
3T01T02T03 orl-rat TDLo:56 mg/kg (14D male) JPETAB 113,27,55
1T24 scu-rat TDLo:400 mg/kg (1-8D preg) FESTAS 28,464,77
1T34 scu-rat TDLo:500 mg/kg (12-13D preg) DPTHDL 4,89,82
3T72T75T81 ims-rat TDLo:300 mg/kg (12-15D preg) APHNAB 8,217,67
1T46 ims-rat TDLo:500 mg/kg (8-17D preg) TJADAB 4,383,71
2T34T39 ims-rat TDLo:700 mg/kg (16-22D preg) HMMRA2 10,425,78
1T26 ims-rat TDLo:3500 mg/kg (16-22D preg) BNEOBV 32,211,77
2T34T44 par-rat TDLo:600 mg/kg (7-14D preg) ACENA7 22,23,56
2T52T71 par-rat TDLo:60 mg kg (16-19D preg) ENDOAO 54,384,54
1T43 ipr-mus TDLo:182 mg/kg (13D preg) TJADAB 24,79,81
3T25T34T43 scu-mus TDLo:100 mg/kg (9-12D preg) SEIJBO 13,245,73
1T43 scu-mus TDLo:122 mg/kg (13D preg) TJADAB 24,79,81
1T42 scu-mus TDLo:50 mg/kg (14D preg) TJADAB 30(1),11A,84
2T25T35 ims-mus TDLo:200 mg/kg (11-12D preg) ANREAK 142,479,62
1T43 ims-mus TDLo:96 mg/kg (13D preg) TJADAB 24,79,81
1T46 ims-mus TDLo:100 mg/kg (11-14D preg) JPMSAE 70,631,81
1T34 ims-mus TDLo:200 mg/kg (11-14D preg) JPMSAE 70,631,81
1T39 ims-mus TDLo:400 mg/kg (11-14D preg) JOTPAX 1,161,64
1T43 par-mus TDLo:100 mg/kg (12D preg) JDREAF 51,1010,72
2T47T53 ims-dog TDLo:150 mg/kg (20-34D preg) JZKEDZ 6,37,80
1T35 ims-dog TDLo:37500 ug/kg (20-34D preg) JZKEDZ 6,37,80
1T45 ims-dog TDLo:375 mg/kg (20-34D preg) JZKEDZ 6,37,80
1T43 ims-rbt TDLo:25 mg/kg (14-17D preg) ENDOAO 55,502,54
3T41T47T50 ocu-rbt TDLo:2880 ug/kg (6-18D preg) TXAPA9 16,773,70
2T53T35 ocu-rbt TDLo:2880 ug/kg (6-18D preg) TXAPA9 16,773,70

TUMORIGENIC DATA AND REFERENCES:
3V03H60Q60 ipr-mus TDLo:35 mg/kg EXPEAM 33,1640,77

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: GENTAE 39,185,54

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CORTISONE MONOACETATE see: GM9140000
CORTISPRAY see: GM8925000
CORTISTAB see: GM9140000
CORTISTAL see: GM9020000
CORTISYL see: GM9140000
CORTIVIS see: HG0525000
CORTIVITE see: GM9140000
CORTIVITE see: GM9020000
CORTIXYL see: HG0525000
CORTOCIN-F see: TU3460000
CORTOGEN see: GM9140000
CORTOGEN see: GM9020000
CORTOGEN ACETATE see: GM9140000
CORTONE see: GM9140000
CORTONE see: GM9020000
CORTONE ACETATE see: GM9140000
CORTONEMA see: GM8925000
CORTRIL see: GM8925000
CORTRIL ACETATE see: GM8960000
CORTROPHIN see: GM7900000
CORTUSSIN see: TY8400000

GN0231000 CORUNDUM

UPDT:8401 CAS: 1302-74-5 MW: 101.96 MOLFM: Al2-O3

SYN: ALUMINUM OXIDE * alpha-CORUNDUM * ELECTROCORUNDUM * EN 237 * KER 710 * KO 7 * KORUND * KU 10 * KU 5.3 * MP 1 * MP 1 (REFRACTORY)

TUMORIGENIC DATA AND REFERENCES:
3V01P60V10 ipr-rat TDLo:225 mg/kg/1W-I ZHPMAT 162,467,76

REVIEW AND REFERENCES:
★ TLV-TWA 10 mg(Al)/m3 DTLVS* 4,13,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-CORUNDUM see: GN0231000

GN0240000 CORUNDUM FUME

DEF: Half finely divided ALUMINA, half SILICA (JPBAA7 69,81,55)
UPDT:7901

TOXICITY DATA AND REFERENCES:
itr-rat LDLo:90 mg/kg JPBAA7 69,81,55

REVIEW AND REFERENCES:
★ TLV-TWA 10 mg(Al)/m3 DTLVS* 4,13,80

CORVASOL see: XF8225000
CORVATON see: WU7677400
CORVIC 55/9 see: KV0350000
CORVIC 51/83 see: AK0950000
CORVIC 65/50 see: KV0350000
CORVIC 236581 see: AK0950000
CORVIC 20560600 see: KV0350000
CORVIC 20650600 see: KV0350000
CORVIC C 65/02 see: KV0350000
CORVIC D 57/17 see: KV0350000
CORVIC D 60/11 see: KV0350000
CORVIC D 65/02 see: KV0350000
CORVIC D 65/18 see: KV0350000
CORVIC D 75/10 see: KV0350000
CORVIC H 55/34 see: KV0350000
CORVIC P 65/50 see: KV0350000
CORVIC P 65/54 see: KV0350000
CORVIC P 65/55 see: KV0350000
CORVIC R 46/88 see: AK0950000
CORVIC R 65/81 see: KV0350000
CORVIS see: XF8225000
CORVITAN see: QS4375000
CORVITIN see: SH5075000
CORVITOL see: QS4375000
CORVOTONE see: QS4375000
CORYBAN-D see: AM4375000

GN0625000 CORYDALIS CORNUTA Royle, extract

DEF: Indian plant belonging to the family PAPAVERACEAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

GN0627000 CORYDALIS GOVANIANA Wall., bulb and root extract

DEF: Indian plant belonging to the family FUMARIACEAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:
2F13H02M10 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

GN0630000 CORYDALIS GOVANIANA Wall., extract

DEF: Indian plant belonging to the family PAPAVERACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: BHUTKESI, extract

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

GN0640000 CORYDALIS GOVANIANA Wall., extract excluding roots

DEF: Indian plant belonging to the family FUMARIACEAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:
1F13 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

GN0645000 CORYDALIS REMOSA Wall., extract

DEF: Indian plant belonging to the family FUMARIACEAE (IJEBA6 16,226,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

GN0648000 CORYDALIS RUTIFOLIA Sibth., extract excluding roots

DEF: Indian plant belonging to the family FUMARIACEAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

CORYDININE see: VS2800000
CORYLON see: GY7298000
CORYLONE see: GY7298000

GN1030000 CORYLUS COLURNA Linn., extract excluding roots

DEF: Indian plant belonging to the family BETULACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: THANGI EXTRACT

TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

GN1040000 CORYNAN-17-OIC ACID, 19,20-DIDEHYDRO-16-((10-beta,13-beta,21-beta)-23-DEOXY-21,22-DIHYDRO-11-OXA-12,24-SECOSTRYCHNIDIN-10-YL)-, METHYL ESTER, (16R,19E)-

UPDT:8402 CAS: 427-01-0 MW: 632.92 MOLFM: C40-H48-N4-O3

SYN: GEISSOSPERMINE

TOXICITY DATA AND REFERENCES:
3F12J22J25 orl-mus LD50:450 mg/kg APFRAD 19,104,61
3F12J22J25 ipr-mus LD50:125 mg/kg APFRAD 19,104,61
3F12J22J25 scu-mus LD50:150 mg/kg APFRAD 19,104,61
3F12J22J25 ivn-mus LD50:20 mg/kg APFRAD 19,104,61

CORYNANTHIDINE see: ZG1005000
CORYNANTHINE SULFATE see: ZG1038000

GN1520000 CORYNETOXIN 1

UPDT:8308 CAS: 79920-43-7

TOXICITY DATA AND REFERENCES:
1A11 par-rat LD50:1300 ug/kg AJEBAK 60,129,82

GN1520010 CORYNETOXIN 3

UPDT:8308 CAS: 79920-45-9

TOXICITY DATA AND REFERENCES:
1A11 par-rat LD50:200 ug/kg AJEBAK 60,129,82

GN1520015 CORYNETOXIN 4

UPDT:8308 CAS: 79920-46-0

TOXICITY DATA AND REFERENCES:
1A11 par-rat LD50:100 ug/kg AJEBAK 60,129,82

GN1520020 CORYNETOXIN 5

UPDT:8308 CAS: 79920-47-1

TOXICITY DATA AND REFERENCES:
1A11 par-rat LD50:400 ug/kg AJEBAK 60,129,82

GN1520025 CORYNETOXIN 6

UPDT:8308 CAS: 79920-48-2

TOXICITY DATA AND REFERENCES:
1A11 par-rat LD50:200 ug/kg AJEBAK 60,129,82

GN1520030 CORYNETOXIN 7

UPDT:8308 CAS: 79920-49-3

TOXICITY DATA AND REFERENCES:
1A11 par-rat LD50:900 ug/kg AJEBAK 60,129,82

BEST COPY AVAILABLE

GN1520035 CORYNETOXIN B
UPDT:8308 CAS: 79920-50-6
TOXICITY DATA AND REFERENCES:
1A11 ppr-rat LD50:300 ug/kg AJEBAK 60,129,82
CORYNINE see: ZG1000000
CORYSTIBIN see: CC2850000
CORYTUBERINE METHOCHLORIDE see: CE0970000
CORYVET see: XF8225000
CORYWAS see: QS4375000
CORYZOL see: UT1750000
CO-1214S see: JR5775000
COSAN see: WS4250000
COSAN 80 see: WS4250000

GN1710000 COSCINIUM WALLICHIANUM, stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:125 mg/kg CPBTAL 13,882,65
COSCOPIN see: RD2625000
COSCOPIN see: QN5600000
COSCOPIN HYDROCHLORIDE see: NP7225000
COSCOTABS see: RD2625000
COSCOTABS HYDROCHLORIDE see: NP7225000
COSDEN 550 see: WL6475000
COSDEN 945E see: WL6475000
COSLAN see: CB4550000
COSMEGEN see: AU1575000
COSMETIC BLUE LAKE see: BQ4725000
COSMETIC BRILLIANT PINK BLUISH D CONC see: BP3675000
COSMETIC CORAL RED KO BLUISH see: DB5500000
COSMETIC DVR see: DB5500000
COSMETIC GREEN BLUE R25396 see: BP6830000
COSMETIC PIGMENT YELLOW RED DVR see: DB5500000
COSMETIC WHITE C47-5175 see: XR2275000
COSMETIC WHITE C47-9623 see: XR2275000
COSMETOL see: FI4100000
COSMOPEN see: XH9400000
COSMOPEN see: XH9700000

GN1775000 COSTUS OIL
UPDT:8305 CAS: 8023-88-9
SYN: CHANGALA * CHOB-I-QUT * COSTUS ROOT * ESSENTIAL OIL * GOSHTAM * KASHMIRJA * KASTAM * KOOST * KOOT * KOST * KUR * KUSHTHA * KUSTA * KUTH * OILS, COSTUS * OUPLATE * PACHAK * PATCHUK * PUTCHUK * SEPPUDY * SEPUDDY * UPALET
IRRITATION DATA AND REFERENCES:
skn-mus 100% MLD FCTXAV 12,867,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3400 mg/kg FCTXAV 12,867,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
COSTUS ROOT see: GN1775000

GN1780200 COSTUS SPECIOSUS (Koen.) Sm., extract
DEF:Indian plant belonging to the family ZINGIBERACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: PEYA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 11,43,73
COSTUS SPECIOSUS (Koen) Sm, saponins see: VQ1500000 SAPONINS, from rhizomes of COSTUSSPECIOSUS (Koen) Sm

GN1780300 COSTUS SPECIOSUS Sm. var. ARGYROPHYLLUS Wall., extract
DEF:Indian plant belonging to the family ZINGIBERACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74
COTALMON see: UW5969200
COTEL see: GG3750000
COTINAZIN see: NS1750000
COTINIZIN see: NS1750000

GN1940000 COTINUS COGGYGRIA Scop., extract excluding roots
DEF:Indian plant belonging to the family ANACARDIACEAE (IJEBA6 6,232,68)
UPDT:8303
SYN: IMLI-KA-PATTA EXTRACT * RHUS COTINUS Linn., extract excluding roots
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 6,232,68
COTNION-ETHYL see: TD8400000
COTNION METHYL see: TE1925000
COTOFILM see: SM0700000
COTOFOR see: XY4100000
COTOIN see: DJ1050000

GN2180000 COTONEASTER ACUMINATA Lindl., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

GN2185000 COTONEASTER BACILLARIS Wall. ex Lindl., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 11,43,73)
UPDT:8303
SYN: REUNS EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

GN2186000 COTONEASTER DUTHIEANUS (C.S) Koltz., extract
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 18,594,80

GN2187000 COTONEASTER INTEGRIFOLIUS (Roxb.) Koltz., extract
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

GN2190000 COTONEASTER MARGINATUS Schldl., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69
COTORAN see: YT1575000
COTORAN MULTI see: AN3430000
COTORAN MULTI 50WP see: YT1575000
CO-TRIFAMOLE see: DA9501600
CO-TRIMOXAZOLE see: UV8240000
CO-TRIMOXAZOLE see: WP0700000

GN2275000 COTTON DUST
UPDT:8201
TOXICITY DATA AND REFERENCES:
3J21J22J30 ihl-hmn TCLo:10000 mg/m3/10Y BJIMAG 17,1,60
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JOCMA7 14,199,72
★ TLV-TWA 200 ug/m3;STEL 600 ug/m3 (raw dust) DTLVS* 4,105,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 (raw dust) (SCP-W) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 200 ug/m3 (yarn manufacturing) CFRGBR 29,1910.1043,81
★ OSHA STANDARD-air:TWA 750 ug/m3 (slashing and weaving) CFRGBR 29,1910.1043,81
★ OSHA STANDARD-air:TWA 500 ug/m3 (other operations) CFRGBR 29,1910.1043,81
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COTTON DUST recm std-air:Cl 200 ug/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COTTONEX see: YT1575000
COTTON RED 4B see: QK1765000
COTTON RED 5B see: QK1400000
COTTON RED 4BC see: QK1400000
COTTON RED L see: QK1400000

GN2815000 COTTONSEED OIL (Deodorized winterized)
UPDT:8401 CAS: 8001-29-4
SYN: DEODORIZED WINTERIZED COTTONSEED OIL * NCI-C50168
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 ipr-rat TDLo:2256 mg/kg (5-15D preg) JDREAF 51,1632,72
1T46 ipr-rat TDLo:10 gm/kg (5-15D preg) JPMSAE 61,51,72
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-mus TDLo:2940 gm/kg/35W-C LPDSAP 17(2),115,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COTTON VIOLET R see: QK1420000

GN2910000 COTULA HEMISPHAERICA (Roxb.) Wall. ex Benth. & Hook. f., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
COUMACHLOR see: GN4830000
COUMACHLONE (French) see: GN4830000
COUMADIN see: GN4550000
COUMADIN SODIUM see: GN4725000
COUMAFEN see: GN4550000
COUMAFENE see: GN4550000
COUMAFENE SODIUM see: GN4725000
COUMAFOS see: GN6300000
COUMAFURYL see: GN4850000
COUMAMYCIN see: UX9375000
COUMAPHOS see: GN6300000
COUMAPHOS (DOT) see: GN6300000
COUMAPHOS O-ANALOG see: GN5950000
p-COUMARIC ACID see: GD9094000
4-COUMARIC ACID see: GD9094000
COUMARILONITRILE see: DF6470600

GN4200000 COUMARIN
UPDT:8412 CAS: 91-64-5 MW: 146.15 MOLFM: C9-H6-O2
SYN: 2H-1-BENZOPYRAN-2-ONE * 2H-1-BENZOPYRAN, 2-OXO- * BENZO-alpha-PYRONE * 1,2-BENZOPYRONE * CINNAMIC ACID, o-HYDROXY-, delta-LACTONE * cis-o-COUMARINIC ACID LACTONE * COUMARINIC ANHYDRIDE * CUMARIN * o-HYDROXYCINNAMIC ACID LACTONE * o-HYDROXYCINNAMIC LACTONE * o-HYDROXYZIMTSAURE-LACTON (German) * NCI C07103 * 2-OXO-1,2-BENZOPYRAN * RATTEX * TONKA BEAN CAMPHOR
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate ENMUDM 5(Suppl 1),3,83
dnd-mam:lym 20 mmol/L PNASA6 48,686,62
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-mus TDLo:3600 mg/kg (6-17D preg) ARZNAD 17,97,67
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TD :200 gm/kg/2Y-C TXCYAC 1,93,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:293 mg/kg FCTXAV 12,385,74
orl-mus LD50:196 mg/kg YKKZAJ 83,1124,63
2F29Y01 ipr-mus LD50:220 mg/kg ARZNAD 15,897,65
scu-mus LD50:242 mg/kg YKKZAJ 83,1124,63
2F07L30 orl-gpg LD50:202 mg/kg FCTXAV 2,327,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PMDCAY 10,85,74; MUREAV 47(3-4),161,78; FCTXAV 17(3),277,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,113,76
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GN4550000 COUMARIN, 3-(alpha-ACETONYLBENZYL)-4-HYDROXY-
UPDT:8412 CAS: 81-81-2 MW: 308.35 MOLFM: C19-H16-O4
SYN: 3-(ACETONYLBENZYL)-4-HYDROXYCOUMARIN * 3-(alpha-ACETONYLBENZYL)-4-HYDROXYCOUMARIN * ARAB RAT DETH * ATHROMBINE-K * ATHROMBIN-K * 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)- (9CI) * BRUMOLIN * COMPOUND 42 * d-CON * CO-RAX * COUMADIN * COUMAFEN * COUMAFENE * COUMEFENE * COV-R-TOX * DETHMOR * DETHNEL * EASTERN STATES DUOCIDE * FASCO FASCRAT POWDER * 1-(4'-HYDROXY-3'-COUMARINYL)-1-PHENYL-3-BUTANONE * 4-HYDROXY-3-(3-OXO-1-FENYL-BUTYL) CUMARINE (Dutch) * 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-2H-1-BENZOPYRAN-2-ONE * 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-CUMARIN (German) * 4-IDROSSI-3-(3-OXO-)-FENIL-BUTIL)-CUMARINE (Italian) * KUMADER * KUMADU * KYPFARIN * LIQUA-TOX * MAR-FRIN * MARTIN'S MAR-FRIN * MAVERAN * MOUSE PAK * 3-(alpha-PHENYL-beta-ACETYLETHYL)-4-HYDROXYCOUMARIN * 3-(1'-PHENYL-2'-ACETYLETHYL)-4-HYDROXYCOUMARIN * (PHENYL-1 ACETYL-2 ETHYL) 3-HYDROXY-4 COUMARINE (French) * PROTHROMADIN * RAT-A-WAY * RAT-B-GON * RAT-GARD * RAT-KILL * RAT & MICE BAIT * RAT-MIX * RAT-O-CIDE #2 * RAT-OLA * RATOREX * RATOX * RATOXIN * RATRON * RATRON G * RATS-NO-MORE * RAT-TROL * RATTUNAL * RAX * RCRA WASTE NUMBER P001 * RODAFARIN * RO-DETH * RODEX * RODEX BLOX * ROSEX * ROUGH & READY MOUSE MIX * SOLFARIN * SPRAY-TROL BRAND RODEN-TROL * TEMUS W * TOX-MID * TWIN LIGHT RAT AWAY * VAMPIRINIP II * VAMPIRINIP III * WARAN * W.A.R.F. 42 * WARFARAT * WARFARIN * WARFARINE (French) * WARFARIN PLUS * WARFARIN Q * WARF COMPOUND 42 * WARFICIDE * ZOOCOUMARIN (Russian)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T46 orl-wmn TDLo:28 mg/kg (1-20W preg) ADCHAK 55,139,80
1T43 orl-wmn TDLo:8400 ug/kg (1-8W preg) AJOGAH 127,191,77
3T46T49T86 orl-wmn TDLo:33600 ug/kg (1-32W preg) AJOGAH 127,191,77
1T35 ims-wmn TDLo:12 mg/kg (27-31W preg) JMSHAO 26,562,59
1T35 unk-wmn TDLo:6450 ug/kg (27-33W preg) JMSHAO 26,562,69
1T24 ivn-mus TDLo:240 mg/kg (2-3D preg) CCPTAY 3,279,71
2T59T71 ims-rbt TDLo:10 mg/kg (8-28D preg) BLOOAW 36,623,70
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3 mg/kg FMCHA2 -,C196,83

BEST COPY AVAILABLE

*	ihl-rat LC50:320 mg/m3	GTPZAB 22(7),49,78
	skn-rat LD50:1400 mg/kg	GTPZAB 22(7),49,78
	ipr-rat LDLo:420 mg/kg	TXAPA9 1,156,59
	ivn-rat LD50:186 mg/kg	JAPMA8 42,379,53
2F07F15	orl-mus LD50:331 mg/kg	TIVSAI 58,122,77
2F07F15	scu-mus LD70:800 mg/kg	TIVSAI 58,122,77
	ivn-mus LD50:165 mg/kg	27ZIAQ -,274,73
	orl-dog LD50:200 mg/kg	JAPMA8 42,379,53
	ivn-frog LD50:200 mg/kg	JAPMA8 42,379,53
	[illegible] LD50:800 mg/kg	JAPMA8 42,379,53
	ivn-[illegible] LD50:100 mg/kg	JAPMA8 42,379,53
	orl-gpg LD50:182 mg/kg	JAPMA8 42,379,53
	ivn-ckn LD50:200 mg/kg	JAPMA8 42,379,53

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BJOPAL 64,633,80; AJHGAG 30,104A,78; AJMEAZ 68,122,80
★ TLV-TWA 100 ug/m3; STEL 300 ug/m3 DTLVS* 4,435,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug/m3 (SCP-U) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5002
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GN4725000 COUMARIN, 3-(alpha-ACETONYLBENZYL)-4-HYDROXY-, SODIUM SALT
UPDT:8408 CAS: 129-06-6 MW: 330.33 MOLFM: C19-H15-O4-Na
SYN: 3-(alpha-ACETONYLBENZYL)-4-HYDROXY COUMARIN SODIUM SALT * ATHROMBIN * 2H-1 BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, SODIUM SALT (9CI) * COUMADIN SODIUM * COUMAFENE SODIUM * CUMADIN * MAREVAN * MAREVAN (SODIUM SALT) * PANIVARFIN * PANWARFIN * PROTHROMADIN * RATSIL SOLUBLE * SODIUM (3-(alpha-ACETONYLBENZYL)-2-OXO-2H-1-BENZOPYRAN-4-YL)OXY)- * SODIUM COUMADIN * SODIUM WARFARIN * TINTORANE * VARFINE * WARAN * WARCOUMIN * WARFARIN SODIUM * WARFARIN SODIUM deriv. * WARFARIN, SODIUM SALT * WARFILONE
MUTATION DATA AND REFERENCES:

dni-mus:leu 100 nmol/L	ONCOBS 28,232,73
oms-mus:leu 100 nmol/L	ONCOBS 28,232,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T43T46	orl-wmn TDLo:160 mg/kg (1-17W preg)	TJADAB 14,129,76
31-43T46T86	orl-wmn TDLo:21700 ug/kg (1-31W preg)	JAMAAP 243,1549,80
3T43T44T46	orl-wmn TDLo:26 mg/kg (1-38W preg)	SAMJAF 49,2081,75
1T50	orl-wmn TDLo:26 mg/kg (1-38W preg)	SAMJAF 49,2081,75
3T34T42T46	orl-wmn TDLo:37 mg/kg (1-35W preg)	AJDCAI 129,356,75
3T43T46T47	unk-wmn TDLo:12 mg/kg (1-35W preg)	AJDCAI 129,350,75
1T74	unk-wmn TDLo:12 mg/kg (1-35W preg)	AJDCAI 129,360,75
2T42T46	ipr-mus TDLo:1 mg/kg (10D preg)	AJOGAH 118,819,74
1T35	ipr-mus TDLo:4 mg/kg (11D preg)	AJOGAH 118,819,74
1T31	ipr-mus TDLo:18 mg/kg (3-11D preg)	AJOGAH 118,819,74
3T25T29T31	unk-mus TDLo:18 mg/kg (3-11D preg)	TJADAB 4,235,71
2T29T71	unk-rbt TDLo:54 mg/kg (2-28D preg)	TJADAB 4,235,71

TOXICITY DATA AND REFERENCES:

1R03	orl-wmn TDLo:300 ug/kg/2D	ARDEAC 116,444,80
	orl-hmn LDLo:15 mg/kg	CMEPP** -,1,56
	orl-rat LD50:8700 ug/kg	PLRCAT 10,445,78
	ivn-rat LD50:25 mg/kg	29ZVAB -,123,69
	orl-mus LD50:700 mg/kg	29ZVAB -,123,69
	ivn-mus LD50:160 mg/kg	29ZVAB -,123,69

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NYSJAM 64,493,64; JAMAAP 203,223,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GN4830000 COUMARIN, 3-(alpha-ACETONYL-p-CHLOROBENZYL)-4-HYDROXY-
UPDT:8309 CAS: 81-82-3 MW: 342.79 MOLFM: C19-H15-Cl-O4
SYN: 3-(alpha-ACETONYL-p-CHLOROBENZYL)-4-HYDROXYCOUMARIN * 3-(alpha-ACETONYL-4-CHLOROBENZYL)-4-HYDROXYCOUMARIN * 3-(1-ACETYL-2-(p-CHLOROPHENYL)ETHYL)-4-HYDROXYCOUMARIN * 2H-1-BENZOPYRAN-2-ONE, 3-(1-(4-CHLOROPHENYL)-3-OXOBUTYL)-4-HYDROXY- (9CI) * 3-(1-(4-CHLOORFENYL)-3-OXO-BUTYL)-4-HYDROXY-CUMARINE (Dutch) * 3-(alpha-p-CHLOROPHENYL beta-ACETYLETHYL)-4-HYDROXYCOUMARIN * 3-(1-(4-CHLOROPHENYL)-3-OXO-BUTYL)-4-HYDROXY COUMARINE (French) * 3-(1-(4-CHLOR-PHENYL)-3-OXO-BUTYL)-4-HYDROXY-CUMARIN (German) * 3-(1@4-CLORO-FENIL)-3-OXO-BUTIL)-4-IDROSSICUMARINA (Italian) * COUMACHLOR * COUMACHLORE (French) * CUMACHLOOR (Dutch) * CUMACHLOR (German) * EXPERIMENTAL RODENTICIDE 332 * G-23133 * GEIGY RODENTICIDE EXP. 332 * RATILAN * TOMORIN
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:900 mg/kg	PCOC** -,280,66

GN4850000 COUMARIN, 3-(alpha-ACETONYLFURFURYL)-4-HYDROXY-
UPDT:8408 CAS: 117-52-2 MW: 298.31 MOLFM: C17-H14-O5
SYN: 3-(alpha-ACETONYLFURFURYL)-4-HYDROXYCOUMARIN * 2H-1-BENZOPYRAN-2-ONE, 3-(1-(2-FURANYL)-3-OXOBUTYL)-4-HYDROXY- (9CI) * COUMAFURYL * FOUMARIN * FUMARIN * FUMASOL * FURMARIN * 3-(1-FURYL-3-ACETYLETHYL)-4-HYDROXYCOUMARIN * KRUMKIL * LURAT * RATAFIN * RAT-A-WAY * TOMARIN
TOXICITY DATA AND REFERENCES:

	unk-rat LD50:25 mg/kg	FMCHA2 -,C112,83
*	orl-mus LD50:14700 ug/kg	FMCHA2 -,C112,83

GN4860000 COUMARIN, 3-(alpha-ACETONYLFURFURYL)-4-HYDROXY-, SODIUM SALT
UPDT:8408 CAS: 34490-93-2 MW: 320.29 MOLFM: C17-H13-O5-Na
SYN: 3-(alpha-ACETONYLFURFURYL)-4-HYDROXYCOUMARIN, SODIUM SALT * 2H-1-BENZOPYRAN-2-ONE, 3-(1-(2-FURANYL)-3-OXOBUTYL)-4-HYDROXY-, SODIUM SALT (9CI) * FUMASOL * 3-(1-FURYL-3-ACETYLETHYL)-4-HYDROXYCOUMARIN, SODIUM SALT
TOXICITY DATA AND REFERENCES:

orl-rat LD50:400 mg/kg	28ZEAL 4,122,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GN4900000 COUMARIN, 3-(alpha-ACETONYL-p-NITROBENZYL)-4-HYDROXY-
UPDT:8303 CAS: 152-72-7 MW: 353.35 MOLFM: C19-H15-N-O6
SYN: ACENOCOUMARIN * ACENOCOUMAROL * ACENOCUMAROL * 3-(alpha-ACETONYL-p-NITROBENZYL)-4-HYDROXY-COUMARIN * 3-(alpha-ACETONYL-4-NITROBENZYL)-4-HYDROXYCOUMARIN * ASCUMAR * 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(1-(4-NITROPHENYL)-3-OXOBUTYL)- * G-23350 * 4-HYDROXY-3-(1-(4-NITROPHENYL)-3-OXOBUTYL) 2H-1-BENZOPYRAN-2-ONE * NICOUMALONE * 3-(alpha-(p-NITROPHENOL) beta-ACETYLETHYL)-4-HYDROXYCOUMARIN * NITROPHENYLACETYLETHYL-4-HYDROXYCOUMARINE * 3-(alpha-p-NITROPHENYL beta-ACETYLETHYL)-4-HYDROXYCOUMARIN * 3-(alpha-(4'-NITROPHENYL) beta-ACETYLETHYL)-4-HYDROXYCOUMARIN * NITROVARFARIAN * NITROWARFARIN * SINCOUMAR * SINKUMAR * SINTHROM * SINTHROME * SINTROM * SINTROMA * SYNCOUMAR * SYNCUMAR * SYNTROM * ZOTIL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T43	unk-wmn TDLo:24 mg/kg (1-28W preg)	AFPEAM 36,63,79

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:513 mg/kg	29ZVAB -,3,69
	ipr-mus LD50:115 mg/kg	85ESA3 9,4,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GN4930500 COUMARIN, 7-AMINO-4-HYDROXY-3-SULFANILAMIDO-, MONOSODIUM SALT
UPDT:8411 CAS: 13711-97-2 MW: 370.36 MOLFM: C15-H13-N3-O5-S-Na
TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2100 mg/kg	YKKZAJ 86,1064,66

GN4931750 COUMARIN, 6-AMINO-3-(MORPHOLINOCARBONYL)-
UPDT:8408 CAS: 18144-57-5 MW: 274.30 MOLFM: C14-H14-N2-O4
SYN: 6-AMINO-3-(MORPHOLINOCARBONYL)COUMARIN
TOXICITY DATA AND REFERENCES:

2F05F17	scu-mus LD50:1230 mg/kg	YKKZAJ 88,755,68

GN4932000 COUMARIN, 6-AMINO-3-(PIPERIDINOCARBONYL)-
UPDT:8408 CAS: 18144-56-4 MW: 272.33 MOLFM: C15-H16-N2-O3
SYN: 6-AMINO-3-(PIPERIDINOCARBONYL)COUMARIN
TOXICITY DATA AND REFERENCES:

2F05F17	scu-mus LD50:225 mg/kg	YKKZAJ 88,755,68

GN4932100 COUMARIN, 6-AMINO-3-((PIPERIDINOCARBONYL)METHYL)-
UPDT:8408 CAS: 18144-59-7 MW: 286.36 MOLFM: C16-H18-N2-O3
SYN: 6-AMINO-3-((PIPERIDINOCARBONYL)METHYL)COUMARIN
TOXICITY DATA AND REFERENCES:

2F05F17	scu-mus LD50:2600 mg/kg	YKKZAJ 88,755,68

GN4932800 COUMARIN, 6-AMINO-3-(1-PYRROLIDINYLCARBONYL)-
UPD:8408 CAS: 18144-55-3 MW: 258.30 MOLFM: C14-H14-N2-O3
SYN: 6-AMINO-3-(1-PYRROLIDINYLCARBONYL)COUMARIN
TOXICITY DATA AND REFERENCES:

2F05F17	scu-mus LD50:325 mg/kg	YKKZAJ 88,755,68

GN4932900 COUMARIN, 6-AMINO-3-((1-PYRROLIDINYLCARBONYL)METHYL)-
UPDT:8408 CAS: 18144-58-6 MW: 272.33 MOLFM: C15-H16-N2-O3
SYN: 6-AMINO-3-((1-PYRROLIDINYLCARBONYL)METHYL)COUMARIN
TOXICITY DATA AND REFERENCES:

2F05F17	scu-mus LD50:640 mg/kg	YKKZAJ 88,755,68

GN4934500 COUMARIN, 3-(3-(4-BIPHENYLYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-4-HYDROXY-
UPDT:8309 CAS: 56073-07-5 MW: 444.55 MOLFM: C31-H24-O3
SYN: 3-(3-(4-BIPHENYLYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-4-HYDROXYCOUMARIN * DIFENACOUM * DIPHENACOUM * NEOSORER * NEOSOREXA * PP 580 * RATAK * WBA 8107
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1800 ug/kg	FMCHA2 -,C204,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GN4934700 COUMARIN, 3-(3-(4'-BROMO-1,1'-BIPHENYL-4-YL)-3-HYDROXY-1-PHENYLPROPYL)-4-HYDROXY-
UPDT:8406 CAS: 78772-56-7 MW: 527.44 MOLFM: C30-H23-Br-O4
SYN: BROMADIALONE * BROMADIOLONE * 3-(3-(4'-BROMO(1,1-BIPHENYL)-4-YL)3-HYDROXY-1-PHENYLPROPYL)-4-HYDROXY-2H-1-BENZOPYRAN-2-ONE * BROMONE * 3-(alpha-(p-(p-BROMOPHENYL) beta-HYDROXYPHENETHYL)BENZYL)-4-HYDROXY- (8CI) * (HYDROXY-4 COUMARINYL 3)-3 PHENYL 3 (BROMO-4 BIPHENYLYL-4)-1 PROPANOL-1 (French) * LM-637 * MAKI * RATINUS * SUPER-CAID * SUPER-ROZOL * SUPERATS * TEMUS
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1125 ug/kg	FMCHA2 -,C36,83
2P01P02	orl-mus LD50:1750 ug/kg	PHPHA6 25,69,76
2P01P02	orl-rbt LD50:1 mg/kg	PHPHA6 25,69,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GN4934750 COUMARIN, 3-(3-(4'-BROMO-1,1'-BIPHENYL-4-YL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-4-HYDROXY-
UPDT:8411 MW: 523.45 MOLFM: C31-H23-Br-O3
SYN: BRODIFACOUM * 3-(3-(4-BROMO-1,1'-BIPHENYL-4-YL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-4-HYDROXYCOUMARIN * HAVOC * KLERAT * PP 581 * RATAK PLUS * TALON * TALON RODENTICIDE * VOLID * WBA 8119
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:160 ug/kg	MAGJAL 52(4),1,79
*	skn-rat LD50:50 mg/kg	FMCHA2 -,C227,83
3D07F07F13	orl-dog LD50:1090 ug/kg	NZJEA3 9,147,81
2F07F13	orl-rbt LD50:200 ug/kg	NZJEA3 9,23,81
*	orl-grb LD50:1 mg/kg	JOHYAY 87,179,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
COUMARIN, 3-(alpha-(p-(p-BROMOPHENYL)-beta-HYDROXYPHENETHYL)BENZYL)-4-HYDROXY- (8CI) see: GN4934700

GN4937900 COUMARIN, 8-tert-BUTYL-4,6-DIMETHYL-
UPDT:8305 CAS: 17874-34-9
SYN: 4,6-DIMETHYL-8-tert-BUTYLCOUMARIN
IRRITATION DATA AND REFERENCES:

	skn-gpg 100% MLD	FCTXAV 18,671,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
3-COUMARINCARBONYL PYRROLIDIDE see: GN8267000 COUMARIN, 3-(1-PYRROLIDINYLCARBONYL)-

GN5250000 COUMARIN, 3-CHLORO-7-HYDROXY-4-METHYL-, BIS(2-CHLOROETHYL) PHOSPHATE
UPDT:8403 CAS: 321-55-1 MW: 415.60 MOLFM: C14-H14-Cl3-O6-P
SYN: O,O-BIS(2-CHLOROETHYL) O-(3-CHLORO-4-METHYL-7-COUMARINYL) PHOSPHATE * 3-CHLORO-7-HYDROXY-4-METHYLCOUMARIN BIS(2-CHLOROETHYL)PHOSPHATE * 3-CHLORO-4-METHYL UMBELLIFERONE BIS(2-CHLOROETHYL)PHOSPHATE * DI-(2-CHLOROETHYL)-3-CHLORO-4-METHYL-7-COUMARINYL PHOSPHATE * DI-(2-CHLOROETHYL) 3-CHLORO-4-METHYLCOUMARIN-7-YL PHOSPHATE * O,O-DI(2-CHLOROETHYL)-O-(3-CHLORO-4-METHYLCOUMARIN-7-YL)PHOSPHATE * ETHANOL, 2-CHLORO-, HYDROGEN PHOSPHATE, ESTER with 3-CHLORO-7-HYDROXY-4-METHYLCOUMARIN * ETHANOL, 2-CHLORO-, PHOSPHATE DIESTER, ESTER with 3-CHLORO-7-HYDROXY-4-METHYLCOUMARIN * EUSTIDIL * GALLOXON * GALOXANE * GALORONE * 96H60 * HALORON * HELMIRANE * HELMIRON * HELMIRONE * LOXON * LUXON * LXON * PHOSPHORIC ACID, BIS(2-CHLOROETHYL) ESTER, ESTER with 3-CHLORO-7-HYDROXY-4-METHYLCOUMARIN
MUTATION DATA AND REFERENCES:

dni-hmn:oth 10 mg/L	JTEHD6 10,143,83

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:900 mg/kg	FAZMAE 17,108,73
	ipr-ckn LD50:800 mg/kg	BCPCA6 16,1183,67
3F07F15K12	orl-dom LD50:763 mg/kg	AJVRAH 41,1857,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73; PMDCAY 10,85,74

GN5950000 COUMARIN, 3-CHLORO-7-HYDROXY-4-METHYL-, DIETHYL PHOSPHATE
UPDT:8401 CAS: 321-54-0 MW: 346.72 MOLFM: C14-H16-Cl-O6-P
SYN: 3-CHLORO-4-METHYL-7-COUMARINYL DIETHYL PHOSPHATE * COROXON * COUMAPHOS O-ANALOG * O,O-DI(2-CHLOROETHYL)-7-(3-CHLORO-4-METHYLCOUMARINYL)PHOSPHATE * DIETHYL 3-CHLORO-4-METHYL-7-COUMARINYL PHOSPHATE * O,O-DIETHYL O-(3-CHLORO-4-METHYLCOUMARIN-7-YL) PHOSPHATE * PHOSPHORIC ACID, DIETHYL ESTER, ester with 3-CHLORO-7-HYDROXY-4-METHYLCOUMARIN
TOXICITY DATA AND REFERENCES:

	orl-ckn LD50:2200 ug/kg	BCPCA6 16,1183,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73

GN6300000 COUMARIN, 3-CHLORO-7-HYDROXY-4-METHYL-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE
UPDT:8412 CAS: 56-72-4 MW: 362.78 MOLFM: C14-H16-Cl-O5-P-S

BEST COPY AVAILABLE

SYN: AGRIDIP * ASUNTHOL * ASUNTOL * AZUNTHOL * BAY 21/199 * BAYER 21/199 * BAYMIX * BAYMIX 30 * 3-CHLORO-7-HYDROXY-4-METHYL-COUMARIN O,O-DIETHYL PHOSPHOROTHIOATE * 3-CHLORO-7-HYDROXY-4-METHYL-COUMARIN O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE * 3-CHLORO-4-METHYL-7-COUMARINYL DIETHYL PHOSPHOROTHIOATE * O-3-CHLORO-4-METHYL 7-COUMARINYL O,O-DIETHYL PHOSPHOROTHIOATE * 3-CHLORO-4-METHYL 7-HYDROXYCOUMARIN DIETHYL THIOPHOSPHORIC ACID ESTER * 3-CHLORO-4-METHYLUMBELLIFERONE O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE * CO-RAL * COUMAFOS * COUMAPHOS * COUMAPHOS (DOT) * CUMAFOS (Dutch) * O,O-DIAETHYL-O-(3-CHLOR-4-METHYL-CUMARIN-7-YL)-MONOTHIOPHOSPHAT (German) * O,O-DIETHYL-O-(3-CHLOOR-4-METHYL-CUMARIN-7-YL)MONOTHIOFOSFAAT (Dutch); * O,O-DIETHYL O-(3-CHLORO-4-METHYL 7-COUMARINYL)PHOSPHOROTHIOATE * O,O-DIETHYL O-(3-CHLORO-4-METHYLCOUMARINYL-7) THIOPHOSPHATE * O,O-DIETHYL O-(3-CHLORO-4-METHYL-2-OXO-2H-BENZOPYRAN-7-YL PHOSPHOROTHIOATE * O,O-DIETHYL 3-CHLORO-4-METHYL-7-UMBELLIFERONE THIOPHOSPHATE * O,O-DIETHYL O-(3-CHLORO-4-METHYLUMBELLIFERYL)PHOSPHOROTHIOATE * DIETHYL 3-CHLORO-4-METHYLUMBELLIFERYL THIONOPHOSPHATE * DIETHYL THIOPHOSPHORIC ACID ESTER of 3-CHLORO-4-METHYL-7-HYDROXYCOUMARIN * O,O-DIETIL-O-(3-CLORO-4-METIL-CUMARIN-7-IL-MONOTIOFOSFATO) (Italian) * DIOLICE * ENT 17,957 * MELDANE * MELDONE * MUSCATOX * NA 2783 (DOT) * NCI-C08662 * PHOSPHOROTHIOIC ACID, O,O-DIETHYL ESTER O-ESTER with 3-CHLORO-7-HYDROXY-4-METHYLCOUMARIN * RESISTOX * RESITOX * SUNTOL * THIOPHOSPHATE DE O,O-DIETHYLE ET DE O-(3-CHLORO-4-METHYL-7-COUMARINYLE) (French) * UMBETHION

MUTATION DATA AND REFERENCES:

	otr-rat:emb 1400 ng/plate	JJATDK 1,190,81

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:13 mg/kg	DOEAAH 35,25,79
*	ihl-rat LC50:303 mg/m3	VHTODE 24,87,82
	skn-rat LD50:860 mg/kg	WRPCA2 9,119,70
	ipr-rat LD50:7 mg/kg	PSEBAA 129,699,68
	orl-mus LD50:28 mg/kg	HYSAAV 33(12),334,68
	ipr-mus LD50:200 mg/kg	PCOC** -,282,66
	orl-rbt LD50:80 mg/kg	HYSAAV 33(12),334,68
*	skn-rbt LD50:500 mg/kg	VHTODE 24,87,82
	ocu-rbt LD50:2600 ug/kg	AJOPAA 53,512,62
	orl-gpg LD50:58 mg/kg	HYSAAV 33(12),334,68
	ipr-gpg LD50:140 mg/kg	PCOC** -,282,66
	orl-ckn LD50:14 mg/kg	TXAPA9 3,521,61
*	orl-dck LD50:29800 ug/kg	DOEAAH 35,25,79
	orl-bwd LD50:3 mg/kg	TXAPA9 21,315,72
3F19K12K30	orl-dom LD50:26 mg/kg	AJVRAH 41,1857,80
	unk-mam LD50:55 mg/kg	30ZDA9 -,341,71
	skn-bwd LD50:7500 ug/kg	TXAPA9 26,154,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AQMOAC #73-19,1973; RREVAH 46,1,73; PMDCAY 10,85,74; RREVAH 63,1,76

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid	CFRGBR 49,172.101,82

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-96,79)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COUMARIN, 3,4-DIHYDRO- see: MW5775000

GN6390000 COUMARIN, 6,7-DIHYDROXY-4-METHYL-, BIS(HYDROGEN SULFATE), compd. with 4-(DIMETHYLAMINO) ANTIPYRINE (1:2)
UPDT:8406 MW: 814.96 MOLFM: C10-H8-O10-S2 2C13-H17-N3-O
SYN: AMMINOPIRINA dell'estere DISOLFORICO del 4-METILESCULETOLO (Italian)

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:120 mg/kg	FRPSAX 10,699,55

GN6550000 COUMARIN, 6,7-DIMETHOXY-
UPDT:8408 CAS: 120-08-1 MW: 206.21 MOLFM: C11-H10-O4
SYN: AESCULETIN DIMETHYL ETHER * BENZOPYRAN-2-ONE, 6,7-DIMETHOXY- (9CI) * 6,7-DIMETHOXYCOUMARIN * 6,7-DIMETHYLESCULETIN * ESCOPARONE * ESCULETIN DIMETHYL ETHER * SCOPARON * SCOPARONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T22T91	orl-rat TDLo:1180 mg/kg (8W male/2W pre-3W post)	IJEBA6 17,740,79
1T81	orl-rat TDLo:725 mg/kg (15-22D preg/21D post)	IJEBA6 17,740,79

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:292 mg/kg	DRFUD4 3,550,78
	ipr-rat LD50:190 mg/kg	DRFUD4 3,550,78
	orl-mus LD50:280 mg/kg	DRFUD4 3,550,78
3F17F40U26	ipr-mus LD50:180 mg/kg	IJMRAQ 60,763,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GN6654000 COUMARIN, 8-((DIMETHYLAMINO)METHYL)-7-HYDROXY-4-METHYL-, NICOTINATE (salt)
UPDT:8306 CAS: 10550-21-7 MW: 340.41 MOLFM: C13-H15-N-O2 C6-H5-N-O2
SYN: 8-((DIMETHYLAMINO)METHYL)-7-HYDROXY-4-METHYLCOUMARIN NICOTINATE (salt)

TOXICITY DATA AND REFERENCES:

3A11F12F13	scu-mus LD50:150 mg/kg	CHTPBA 1,403,66

GN6656000 COUMARIN, 8-((DIMETHYLAMINO)METHYL)-7-HYDROXY-4-METHYL-, PICOLINATE (salt)
UPDT:8306 CAS: 10550-28-4 MW: 336.41 MOLFM: C13-H15-N-O3 C6-H5-N-O2
SYN: 8-((DIMETHYLAMINO)METHYL)-7-HYDROXY-4-METHYLCOUMARIN PICOLINATE (salt)

TOXICITY DATA AND REFERENCES:

3A11F12F13	scu-mus LD50:130 mg/kg	CHTPBA 1,403,66

GN6657000 COUMARIN, 8-((DIMETHYLAMINO)METHYL)-7-HYDROXY-4-PROPYL-, NICOTINATE (salt)
UPDT:8306 CAS: 10550-25-1 MW: 384.47 MOLFM: C15-H19-N-O3 C6-H5-N-O2
SYN: 8-((DIMETHYLAMINO)METHYL)-7-HYDROXY-4-PROPYLCOUMARIN NICOTINATE (salt)

TOXICITY DATA AND REFERENCES:

3A11F12F13	scu-mus LD50:22 mg/kg	CHTPBA 1,403,66

GN6770000 COUMARIN, 4-ETHYL-7-HYDROXY-3-(p-METHOXYPHENYL)-
UPDT:8302 MW: 296.34 MOLFM: C18-H16-O4
SYN: 4-ETHYL-7-HYDROXY-3-(p-METHOXYPHENYL)COUMARIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-rat TDLo:150 mg/kg (30D pre)	RPHRA6 20,395,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COUMARIN, 4-HYDROXY- see: DJ3100000

GN7525000 COUMARIN, 7-HYDROXY-4-METHYL-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE
UPDT:8312 CAS: 299-45-6 MW: 328.34 MOLFM: C14-H17-O5-P-S

SYN: BAYER E-838 * O,O-DIAETHYL-O-(4-METHYL-COUMARIN-7-YL)-MONOTHIOPHOSPHAT (German) * DIETHOXY THIOPHOSPHORIC ACID ESTER of 7-HYDROXY-4-METHYL COUMARIN * O,O-DIETHYL O-(2-KETO-4-METHYL-7-alpha,beta-BENZO-alpha'-PYRANYL) THIOPHOSPHATE * O,O-DIETHYL-O-(4-METHYLCOUMARIN-7-YL)-MONOTHIOFOSFAAT (Dutch) * O,O-DIETHYL O-(4-METHYL-7-COUMARINYL) PHOSPHOROTHIOATE * O,O-DIETHYL O-(4-METHYL-7-COUMARINYL) THIONOPHOSPHATE * DIETHYL METHYLCOUMARINYL THIOPHOSPHATE * O,O-DIETHYL O-(4-METHYLCOUMARINYL-7) THIOPHOSPHATE * O,O-DIETHYL-O-(4-METHYL-7-KUMARINYL) ESTER KYSELINY THIOFOSFORESCNE (Czech) * O,O-DIETHYL O-(4-METHYLUMBELLIFERONE) ESTER of THIOPHOSPHORIC ACID * O,O-DIETHYL O-(4-METHYLUMBELLIFERONE) PHOSPHOROTHIOATE * DIETHYL (4-METHYLUMBELLIFERYL) THIONOPHOSPHATE * O,O-DIETIL-O-(4-METILCUMARIN-7-IL)-MONOTIOFOSFATO (Italian) * O,O-DIETYL-O-4-METHYLKUMARINYL(7)TIIOFOSFAT (Czech) * E 838 * ENT 17,296 * FARBENFABRIKEN BAYER * 7-HYDROXY-4-METHYLCOUMARIN, O,O-DIETHYL THIOPHOSPHORIC ACID ESTER * 7-HYDROXY-4-METHYLCOUMARIN, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE * HYMECROMONE O,O-DIETHYL PHOSPHOROTHIOATE * 4-METHYL-7-HYDROXYCOUMARIN DIETHOXYTHIOPHOSPHATE * 4-METHYLUMBELLIFERONE O,O-DIETHYL THIOPHOSPHATE * PHOSPHOROTHIOIC ACID, O,O-DIETHYL ESTER, O-ESTER with 7-HYDROXY-4-METHYLCOUMARIN * PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(4-METHYL-2-OXO-2(4,1-BENZOPYRAN-7-YL) ESTER (9CI) * POTASAN * POTASAN-G-LIQUID * THIOPHOSPHATE DE O,O-DIETHYLE ET DE O-(4-METHYL-7-COUMARINYLE) (French)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:19 mg/kg	JPETAB 105,156,52
1Y01	ipr-rat LD50:15 mg/kg	AMIHBC 6,9,52
	unk-rat LD50:19 mg/kg	30ZDA9 -,340,71
	orl-mus LD50:99 mg/kg	JPETAB 105,156,52
	scu-mus LD50:25 mg/kg	PAREAQ 11,636,59
	skn-rbt LD50:300 mg/kg	WRPCA2 9,119,70
	orl-gpg LD50:25 mg/kg	JPETAB 105,156,52

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PMDCAY 10,85,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GN7545000 COUMARIN, 7-HYDROXY-4-METHYL-8-(PIPERIDINOMETHYL)-, HYDROCHLORIDE
UPDT:8306 CAS: 10550-19-3 MW: 309.82 MOLFM: C16-H19-N-O3 Cl-H
SYN: 7-HYDROXY-4-METHYL-8-(PIPERIDINOMETHYL)COUMARIN HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3A11F12F13	scu-mus LD50:30 mg/kg	CHTPBA 1,403,66

GN7546000 COUMARIN, 7-HYDROXY-4-METHYL-8-(PIPERIDINOMETHYL)-4-METHYL-, ISONICOTINATE (salt)
UPDT:8306 CAS: 10550-22-8 MW: 396.48 MOLFM: C16-H19-N-O3 C6-H5-N-O2
SYN: 7-HYDROXY-4-METHYL-8-(PIPERIDINOMETHYL)-4-METHYLCOUMARIN ISONICOTINATE (salt)

TOXICITY DATA AND REFERENCES:

3A11F12F13	scu-mus LD50:40 mg/kg	CHTPBA 1,403,66

GN7547000 COUMARIN, 7-HYDROXY-4-METHYL-8-(PIPERIDINOMETHYL)-, NICOTINATE (salt)
UPDT:8306 CAS: 10550-20-6 MW: 396.48 MOLFM: C16-H19-N-O3 C6-H5-N-O2
SYN: 7-HYDROXY-4-METHYL-8-(PIPERIDINOMETHYL)COUMARIN NICOTINATE (salt)

TOXICITY DATA AND REFERENCES:

3A11F12F13	scu-mus LD50:40 mg/kg	CHTPBA 1,403,66

GN7548000 COUMARIN, 7-HYDROXY-4-METHYL-8-(PIPERIDINOMETHYL)-, PICOLINATE (salt)
UPDT:8306 CAS: 10550-23-9 MW: 396.48 MOLFM: C16-H19-N-O3 C6-H5-N-O2
SYN: 7-HYDROXY-4-METHYL-8-(PIPERIDINOMETHYL)COUMARIN PICOLINATE (salt)

TOXICITY DATA AND REFERENCES:

3A11F12F13	scu-mus LD50:35 mg/kg	CHTPBA 1,403,66

GN7596000 COUMARIN, 7-HYDROXY-4-PHENYL-8-(PIPERIDINOMETHYL)-, ISONICOTINATE (salt)
UPDT:8306 CAS: 10550-27-3 MW: 458.55 MOLFM: C21-H21-N-O3 C6-H5-N-O2
SYN: 7-HYDROXY-4-PHENYL-8-(PIPERIDINOMETHYL)COUMARIN ISONICOTINATE (salt)

TOXICITY DATA AND REFERENCES:

3A11F12F13	scu-mus LD50:120 mg/kg	CHTPBA 1,403,66

GN7604000 COUMARIN, 7-HYDROXY-4-(PHENYLTHIO)-8-(PIPERIDINOMETHYL)-, NICOTINATE (salt)
UPDT:8306 MW: 490.61 MOLFM: C21-H21-N-O3-S C6-H5-N-O2
SYN: 7-HYDROXY-4-(PHENYLTHIO)-8-(PIPERIDINOMETHYL)COUMARIN NICOTINATE (salt)

TOXICITY DATA AND REFERENCES:

3A11F12F13	scu-mus LD50:50 mg/kg	CHTPBA 1,403,66

GN7610000 COUMARIN, 7-HYDROXY-8-(PIPERIDINOMETHYL)-4-PROPYL-, NICOTINATE (salt)
UPDT:8306 CAS: 10550-24-0 MW: 424.54 MOLFM: C18-H23-N-O3 C6-H5-N-O2
SYN: 7-HYDROXY-8-(PIPERIDINOMETHYL)-4-PROPYLCOUMARIN NICOTINATE (salt)

TOXICITY DATA AND REFERENCES:

3A11F12F13	scu-mus LD50:15 mg/kg	CHTPBA 1,403,66

GN7630000 COUMARIN, 4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-
UPDT:8309 CAS: 5836-29-3 MW: 292.35 MOLFM: C19-H16-O3
SYN: BAY 25634 * BAY ENE 11183 B * BAYER 25 634 * 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-1-NAPHTHALENYL)- (9CI) * COUMATETRALYL * CUMATETRALYL (German, Dutch) * ENDOX * ENDROCID * ENDROCIDE * ENE 11183 B * 4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-1-NAFTYL)-CUMARINE (Dutch) * 4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-CUMARIN * 4-IDROSSI-3-(1,2,3,4-TETRAIDRO-1-NAFTIL)-CUMARINA (Italian) * RACUMIN * RAUCUMIN 37 * RODENTIN * 3-(1,2,3,4-TETRAHYDRO-1-NAPHTYL)-4-HYDROXYCOUMARINE (French) * 3-(alpha-TETRAL)-4-OXYCOUMARIN * 3-(alpha-TETRALYL)-4-HYDROXYCOUMARIN * 3-(d-TETRALYL)-4-HYDROXYCOUMARIN

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:16500 ug/kg	FMCHA2 -,C203,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

cis-o-COUMARINIC ACID LACTONE see: GN4200000

COUMARINIC ANHYDRIDE see: GN4200000

GN7792000 COUMARIN, 6-METHYL-
UPDT:8412 CAS: 92-48-8 MW: 160.18 MOLFM: C10-H8-O2
SYN: 2H-1-BENZOPYRAN-2-ONE, 6-METHYL- * 6-MC * 6-METHYLBENZOPYRONE * 6-METHYL-1,2-BENZOPYRONE * 6-METHYLCOUMARIN * 6-METHYLCOUMARINIC ANHYDRIDE * NCI-C55812 * TONCARINE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	FCTXAV 14,605,76

MUTATION DATA AND REFERENCES:

	mma-sat 3 umol/plate	FCTOD7 21,707,83

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1680 mg/kg	FCTXAV 14,605,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

GN7792100 COUMARIN, 7-METHYL-
UPDT:8401 CAS: 2445-83-2 MW: 160.18 MOLFM: C10-H8-O2
SYN: 2H-1-BENZOPYRAN-2-ONE, 7-METHYL- (9CI) * 7-METHYL-2H-1-BENZOPYRAN-2-ONE * 7-METHYLCOUMARIN

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	FCTOD7 20(Suppl),747,82

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3800 mg/kg	FCTOD7 20(Suppl),747,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

GN7875000 COUMARIN, 3,3'-METHYLENEBIS(4-HYDROXY-
UPDT:8408 CAS: 66-76-2 MW: 336.31 MOLFM: C19-H12-O6
SYN: ACADYL * ACAVYL * ANTITROMBOSIN * BARACOUMIN * 2H-1-BENZOPYRAN-2-ONE, 3,3-METHYLENEBIS(4-HYDROXY- (9CI) * BHC * BISHYDROXYCOUMARIN * BIS(4-HYDROXYCOUMARIN-3-YL)METHANE * CUMA * CUMID * DICOUMARIN * DICOUMAROL * DICUMAN * DICUMAOL R * DICUMARINE * DICUMAROL * DICUMOL * DI-(4-HYDROXY-3-COUMARINYL)METHANE * DI-4-HYDROXY-3,3'-METHYLENEDICOUMARIN * DUFALONE * KUMORAN * MELITOXIN * 3,3'-METHYLEEN-BIS(4-HYDROXY-CUMARINE) (Dutch) * 3,3'-METHYLEN-BIS(4-HYDROXY-CUMARIN) (German) * 3,3'-METHYLENEBIS(4-HYDROXY-2H-1-BENZOPYRAN-2-ONE) * 3,3'-METHYLENEBIS(4-HYDROXY-1,2-BENZOPYRONE) * 3,3'-METHYLENEBIS(4-HYDROXYCOUMARIN) * 3,3'-METHYLENE-BIS(4-HYDROXYCOUMARINE) (French) * 3,3'-METHYLEN-BIS(4-IDROSSI-CUMARINA) (Italian) * TEMPARIN * TROMBOSAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T35T71T77 orl-wmn TDLo:110 mg/kg (31-40W preg) AJOGAH 57,965,49
2T35T59 unk-wmn TDLo:28 mg/kg (28-30W preg) AJOGAH 77,1135,59
TOXICITY DATA AND REFERENCES:
3J15L02P01 orl-rat LD50:542 mg/kg PSEBAA 50,228,42
ipr-rat LD50:95 mg/kg TXAPA9 24,37,73
ivn-rat LD50:52 mg/kg PSEBAA 50,228,42
orl-mus LD50:233 mg/kg PSEBAA 50,228,42
ipr-mus LD50:90 mg/kg TXAPA9 24,37,73
* scu-mus LD50:50 mg/kg 85GDA2 8(1),360,82
ivn-mus LD50:64 mg/kg PSEBAA 50,228,42
ivn-dog LDLo:40 mg/kg 27ZIAQ -,57,73
ivn-gpg LD50:59 mg/kg PSEBAA 50,228,42
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PLMJAP 6(1),160,75; AJOGAH 77,1135,59; NYSJAM 64,493,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

COUMARIN, 4-METHYL-7-HYDROXY-, p-GUANIDINOBENZOATE see: DH1422000

GN8253000 COUMARIN, 3-(MORPHOLINOCARBONYL)-
UPDT:8408 CAS: 18144-52-0 MW: 259.28 MOLFM: C14-H13-N-O4
SYN: 3-(MORPHOLINOCARBONYL)COUMARIN
TOXICITY DATA AND REFERENCES:
2F05F17 scu-mus LD50:630 mg/kg YKKZAJ 88,755,68

GN8253500 COUMARIN, 3-((MORPHOLINOCARBONYL)METHYL)-
UPDT:8408 CAS: 18144-54-2 MW: 273.31 MOLFM: C15-H15-N-O4
SYN: 3-((MORPHOLINOCARBONYL)METHYL)COUMARIN
TOXICITY DATA AND REFERENCES:
2F05F17 scu-mus LD50:900 mg/kg YKKZAJ 88,755,68

GN8261500 COUMARIN, OCTAHYDRO-
UPDT:8401 CAS: 4430-31-3 MW: 154.23 MOLFM: C9-H14-O2
SYN: 2H-1-BENZOPYRAN-2-ONE, OCTAHYDRO- (9CI) * BICYCLONONALACTONE * OCTAHYDRO-1-BENZOPYRAN-2-ONE * OCTAHYDROCOUMARIN
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),781,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3900 mg/kg FCTOD7 20(Suppl),781,82
* skn-rbt LD50:3500 mg/kg FCTOD7 20(Suppl),781,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GN8262400 COUMARIN, 3-(PIPERIDINOCARBONYL)-
UPDT:8408 CAS: 18144-51-9 MW: 257.31 MOLFM: C15-H15-N-O3
SYN: 3-(PIPERIDINOCARBONYL)COUMARIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:906 mg/kg APFRAD 22,131,64
2F05F17 scu-mus LD50:70 mg/kg YKKZAJ 88,755,68

GN8262600 COUMARIN, 3-((PIPERIDINOCARBONYL)METHYL)-
UPDT:8408 CAS: 18144-53-1 MW: 271.34 MOLFM: C16-H17-N-O3
SYN: 3-((PIPERIDINOCARBONYL)METHYL)COUMARIN
TOXICITY DATA AND REFERENCES:
2F05F17 scu-mus LD50:450 mg/kg YKKZAJ 88,755,68

GN8267000 COUMARIN, 3-(1-PYRROLIDINYLCARBONYL)-
UPDT:8408 CAS: 18144-50-8 MW: 243.28 MOLFM: C14-H13-N-O3
SYN: 3-COUMARINCARBONYL PYRROLIDIDE * 3-(1-PYRROLIDINYLCARBONYL)COUMARIN
TOXICITY DATA AND REFERENCES:
2F05F17 scu-mus LD50:140 mg/kg YKKZAJ 88,755,68

GN8268000 COUMARIN, 3-((1-PYRROLIDINYLCARBONYL)METHYL)-
UPDT:8408 CAS: 18186-67-9 MW: 257.31 MOLFM: C15-H15-N-O3
SYN: 3-((1-PYRROLIDINYLCARBONYL)METHYL)COUMARIN
TOXICITY DATA AND REFERENCES:
2F05F17 scu-mus LD50:340 mg/kg YKKZAJ 88,755,68

COUMARONE see: DF6423800
COUMATETRALYL see: GN7630000
COUMEFENE see: GN4550000
COUMERMYCIN A1 see: UX9375000
COUNTER 15G SOIL INSECTICIDE-NEMATICIDE see: TD7200000
COURLENE PY see: UD1842000
COURLENE-X3 see: TQ3325000
COURLOSE A 590 see: FJ5950000
COURLOSE A 610 see: FJ5950000
COURLOSE A 650 see: FJ5950000
COUNTER see: TD7200000
COUNTER 15G SOIL INSECTICIDE see: TD7200000
COURLOSE F 4 see: FJ5950000
COURLOSE F 8 see: FJ5950000
COURLOSE F 20 see: FJ5950000
COURLOSE F 370 see: FJ5950000
COURLOSE F 1000G see: FJ5950000

GN8759450 COUROUPITA GUIANENSIS Aubl., extract excluding roots
DEF:Indian plant belonging to the family LECYTHIDACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 18,594,80

COURTELLE, combustion products see: AT6975000
COVALLATOXOL see: FH4900000
COVATIN see: KQ8563000
COVATIN HYDROCHLORIDE see: KQ8575000
COVATIX see: KQ8563000
COVATIX HYDROCHLORIDE see: KQ8575000
CO-VIDARABINE see: NI2931000
COVI-OX see: DJ2900000
COVIT see: GG3750000
COVOL see: TR8100000
COVOL 971 see: TR8100000
COV-R-TOX see: GN4550000
COXIGON see: DM4447000
COXISTAC see: VO8620000
COXISTAT see: LT7700000
COXYSAN see: GL7020000
COYDEN see: UU7711500
COYDEN 25 see: UU7711500
COZYME see: ES4316000
CP see: RP5950000
CP see: FH3485000
4-CP see: AG0175000
CP 34 see: XM7350000
CP 105 see: OZ4375000
CP 3438 see: SN0525000
CP 4572 see: EZ5075000
CP 4,742 see: EZ5075000
CP 6,343 see: AB5250000
CP 14,957 see: PC1225000
CP 15,336 see: EZ6225000
CP 15973 see: DL0710500
CP 16171 see: DL0705000
CP 17029 see: XY4395000
CP-18978 see: TD7950000
CP 19203 see: TA7600000
CP 19699 see: TB1750000
CP 20220 see: ON2200000
CP-22258 see: TD5650000
CP 23426 see: EZ8575000
CP-24,415 see: XY7800000
CP-25,673 see: XY7820000 as-TRIAZINE-3,5(2H,4H)-DIONE, 2-(4-((p-CHLOROPHENYL)THIO)-3,5-DIMETHYLPHENYL)-
CP-25,722 see: XY7810000 as-TRIAZINE-3,5(2H,4H)-DIONE, 2-(4-((p-CHLOROPHENYL)SULFONYL)-3,5-DIMETHYLPHENYL)-
CP 31393 see: AE1575000
CP 34089 see: MJ8810000
CP 40272 see: TB1075000
CP 40273 see: TB1690000
CP 40294 see: TB1680000
CP 40296 see: TB1077000
CP-40298 see: TB1076000
CP-40507 see: TB1700000
CP-42366 see: DV1780000
CP 43858 see: DV1800000
CP 47114 see: TG0350000
CP 48985 see: DV2050000
CP 49674 see: TE0350000
CP 50144 see: AE1225000
CP 51543 see: GZ2200000
CP 53619 see: AE1200000
CP 53926 see: TE1050000
C 15003P3 see: OQ2291000
C-15003 P-4 see: OQ2295000
CP-15-639-2 see: ON9105000
CP-16533-1 see: YV8300000
CP 10423-18 see: UW0249000
CP-15467-61 see: OJ5800000
CPA see: AG0175000
CPA see: RP5950000
CPA see: GZ2230000
4-CPA see: AG0175000
6-CPA see: TJ7535000
CPAS see: IL8842000
CPAS mixed with BCPE see: KJ7780000
CPB see: DB5600000
CP BASIC SULFATE see: GL8800000
CPBS see: DB5600000
CPC 3005 see: GM5090000
CPC 6448 see: GM5090000
CPCA see: DC8400000
CPCBS see: DB5250000
C.P. CHROME LIGHT 2010 see: OF9800000
C.P. CHROME ORANGE DARK 2030 see: OF9800000
C.P. CHROME ORANGE EXTRA DARK 2040 see: OF9800000
C.P. CHROME ORANGE MEDIUM 2020 see: OF9800000
C.P. CHROME YELLOW LIGHT see: GB2975000
C.P. CHROME YELLOW MEDIUM see: GB2975000
C.P. CHROME YELLOW PRIMOSE see: GB2975000
CPDC see: TP2450000
CPDD see: TP2450000
CPE see: TQ3325000
CPE 16 see: TQ3325000
CPE 25 see: TQ3325000
CPH see: FD0575000
CPH see: AB6825000
CPIB see: UE9480000
CPIRON see: LT1950000
CPMC see: FB6350000
C-15003 PND-1 see: OQ2292400
C-15003 PND-2 see: OQ2292480
C-15003 PND-3 see: OQ2292440
C-15003 PND-4 see: OQ2292460
cis-CPO see: TX4850010
trans-CPO see: TX4850000
C. POLYPUS TOXIN see: XW5872500
CPP 3,4-OXIDE see: GY5860000
CPP 25S see: UD1842000
CP 5565 see: DO8910000
CPT see: XO1050000
CPT see: XU5111000
C.P. TITANIUM see: XR1700000
C.P.TOLUIDINE TONER A-2989 see: QK4247000
C.P.TOLUIDINE TONER A-2990 see: QK4247000
C.P.TOLUIDINE TONER DARK RS-3340 see: QK4247000
C.P TOLUIDINE TONER DEEP X-1865 see: QK4247000
C.P.TOLUIDINE TONER LIGHT RS-3140 see: QK4247000
C.P.TOLUIDINE TONER RT-6101 see: QK4247000
C.P.TOLUIDINE TONER RT-6104 see: QK4247000
CPX see: XO1050000
CPZ see: SN8925000
CPZ see: SO1750000
C.P. ZINC YELLOW X-883 see: GB3290000
C.P. ZINC YELLOW X-2127 see: GB3290000
CPZ-0 see: SO2275000
CQ see: VB2450000
C-QUENS see: TU3750000

BEST COPY AVAILABLE

C-QUENS see: TU3775000
C-QUIN see: CI7650000
CR see: HQ3950000
CR see: QK1400000
CR 39 see: FG2080000
CR 242 see: SA3680000
CR 409 see: TD4025000
CR-604 see: NL3520500
CR-605 see: DA8325600
CR/662 see: TM7870000
CR 1639 see: GQ5775000
CR 3029 see: OP0700000
CRAB-E-RAD see: PA2275000
CRAB-3-RAD 100 see: PA2275000
CRAB'S EYES see: AA5250000
CRADEX see: SI1400000
CRAG 341 see: NJ3825000
CRAG 974 see: XI2800000
CRAG DCU-73W see: YS2787000
CRAG EXPERIMENTAL HERBICIDE 2 see: YS2787000
CRAG FLY REPELLENT see: TR4680000
CRAG FRUIT FUNGICIDE 341 see: NJ3825000
CRAG FUNGICIDE 974 see: XI2800000
CRAG HERBICIDE see: KK4900000
CRAG HERBICIDE 1 see: KK4900000
CRAG HERBICIDE 2 see: YS2787000
CRAG NEMACIDE see: XI2800000
CRAG SESONE see: KK4900000
CRAG SEVIN see: FC5950000
CRAG 85W see: XI2800000
CRALO-E-RAD see: PA2275000
CRAMPOL see: YR7175000
CRAMPOLE see: YR7175000

G04915000 CRANOMYCIN
UPDT:8308 CAS: 11005-94-0

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:8600 ug/kg	85FZAT -,232,67
*	ipr-mus LD50:760 ug/kg	85FZAT -,232,67
*	ivn-mus LD50:840 ug/kg	85FZAT -,232,67

CRASNITIN see: CI9005000
CRASTIN S 330 see: TR2725000
CRASTIN S 350 see: TR2725000
CRASTIN S 440 see: TR2725000

G04986000 CRATAEGUS, extract
UPDT:8412 CAS: 8057-51-0

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:33800 mg/kg	NIIRDN 6,212,82
1J25	ivn-rat LDLo:1030 mg/kg	PLMEAA 43,105,81
	orl-mus LD50:16500 mg/kg	NIIRDN 6,212,82
1J25	ivn-cat LDLo:1200 mg/kg	PLMEAA 43,105,81
1J25	ivn-rbt LDLo:1000 mg/kg	PLMEAA 43,105,81
3G10J25J30	ivn-gpg LDLo:1500 mg/kg	PLMEAA 43,105,81
1J25	ivn-dck LDLo:300 mg/kg	PLMEAA 43,105,81
1J25	par-frg LDLo:5 gm/kg	PLMEAA 43,105,81

G04990000 CRATAEGUS OXYCANTHA Linn., leaf extract
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:

1H02	ipr-rat LD50:250 mg/kg	IJEBA6 16,228,78

G04995000 CRATAEGUTT
DEF:Alcoholic extract of the leaves of CRATAEGUS (PLMEAA 43,105,81)
UPDT:8306

TOXICITY DATA AND REFERENCES:

2F25J30	orl-rat LD50:34 gm/kg	PLMEAA 43,105,81
2F25J30	orl-mus LD50:19 gm/kg	PLMEAA 43,105,81

CRATECIL see: CQ6825000
CRATHGINE see: BZ2625000
CRAVITEN see: DI0500000
CRAWHASPOL see: KX4550000
CRD-401 see: DL0310000

G05290000 CREATINE, mixed with GLUCOSE
UPDT:8306
SYN: GLUCOSE mixed with CREATINE

MUTATION DATA AND REFERENCES:

	mma-sat 1 pph	ABCHA6 44,2521,80

CREATININE, SULFATE, compd. with 3-(2-AMINOETHYL)INDOLE-5-OL (1:1:1), MONOHYDRATE see: NM2550000
CREATININE, SULFATE, compd. with 3-(2-AMINOETHYL)INDOL-5-OL (1:1:1) see: NM2550000
CREATINOLFOSFATE see: MF3600500
CREATINOLO O-FOSFATO (Italian) see: MF3600500
CREATINOL PHOSPHATE see: MF3600500
CREATINOL O-PHOSPHATE see: MF3600500
CRECHLOR S 45 see: RV0450000
CREDO see: WB0350000
CREIN see: BV8000000
CREMODIAZINE see: WP1925000
CREMOMERAZINE see: WP0750000
CREMOMETHAZINE see: WO9275000
CREOSOTE see: GF8615000
CREOSOTE, from COAL TAR see: GF8615000
CREOSOTE, COAL TAR (DOT) see: GF8615000
CREOSOTE OIL see: GF8615000
CREOSOTE OIL (DOT) see: GF8615000
CREOSOTE P1 see: GF8615000
CREOSOTUM see: GF8615000

G05817000 CREPIN
UPDT:8308 CAS: 1398-89-6 MW: 248.30 MOLFM: C14-H16-O4

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:500 mg/kg	85GDA2 8(2),111,82

CRESIDINE see: BZ6720000
m-CRESIDINE see: BZ6730000
p-CRESIDINE see: BZ6720000
CRESLAN, combustion products see: AT6975000

G05870000 CRESOATE, WOOD
CAS: 8021-39-4
SYN: BEECHWOOD CRESOATE

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983

CRESODIOL see: TZ1225000

G05950000 CRESOL
UPDT:8411 CAS: 1319-77-3 MW: 108.13 MOLFM: C7-H8-O
SYN: ACEDE CRESYLIQUE (French) * BACILLOL * CRESOL (DOT) * CRESOLI (Italian) * CRESYLIC ACID * CRESYLIC ACID (DOT) * HYDROXYTOLUOLE (German) * KRESOLE (German) * KRESOLEN (Dutch) * KREZOL (Polish) * PHENOL, METHYL- (9CI) * RCRA WASTE NUMBER U052 * TERRESOL * m-TOLUENOL * TRICRESOL * UN 2022 (DOT) * UN 2076 (DOT)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1454 mg/kg	NTIS** PB214-270
*	orl-mus LD50:760 mg/kg	KSGZA3 36,932,82
	skn-rbt LD50:2000 mg/kg	TXAPA9 42,417,77

REVIEW AND REFERENCES:

★ TLV-TWA 5 ppm (skin) DTLVS* 4,106,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-L) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CRESOL recm std-air:TWA 10 mg/m3 NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 330
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 2001
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

G06125000 m-CRESOL
UPDT:8408 CAS: 108-39-4 MW: 108.15 MOLFM: C7-H8-O
SYN: 3-CRESOL * m-CRESOL (DOT) * m-CRESOLE * m-CRESYLIC ACID * 1-HYDROXY-3-METHYLBENZENE * 3-HYDROXYTOLUENE * 3-HYDROXYTOLUENE * m-KRESOL * m-METHYLPHENOL * 3-METHYLPHENOL * m-OXYTOLUENE * PHENOL, 3-METHYL- (9CI) * RCRA WASTE NUMBER U052 * m-TOLUOL * UN 2076 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 517 mg/24H SEV	BIOFX* 3-5/69
	eye-rbt 103 mg SEV	BIOFX* 3-5/69

MUTATION DATA AND REFERENCES:

	dni-hmn:hla 10 umol/L/4H	BECTA6 32,220,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	scu-rbt TDLo:134 gm/kg (6-18D preg)	OYYAA2 16,1191,78

TUMORIGENIC DATA AND REFERENCES:

2V02R60	skn-mus TDLo:2280 mg/kg/20W-I	CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:242 mg/kg	BIOFX* 3-5/69
	skn-rat LD50:620 mg/kg	GTPZAB 18(2) 58,74
	scu-rat LDLo:900 mg/kg	HBTXAC 5,56,59
	unk-rat LD50:350 mg/kg	JPETAB 51,227,34
	orl-mus LD50:828 mg/kg	GTPZAB 18(2),58,74
	ipr-mus LD50:168 mg/kg	HBTXAC 5,56,59
	scu-mus LDLo:450 mg/kg	HBAMAK 4,1361,35
*	unk-mus LD50:600 mg/kg	GTPPAF 8,145,72
	ivn-dog LDLo:150 mg/kg	HBTXAC 5,56,59
	scu-cat LDLo:180 mg/kg	JPETAB 80,233,44
	orl-rbt LDLo:1400 mg/kg	JPETAB 80,233,44
	skn-rbt LD50:2050 mg/kg	BIOFX* 3-5/69
	scu-rbt LDLo:500 mg/kg	HBAMAK 4,1361,35
	ivn-rbt LDLo:280 mg/kg	JPETAB 80,233,44
	ipr-gpg LDLo:100 mg/kg	HBAMAK 4,1361,35
	scu-gpg LDLo:300 mg/kg	HBTXAC 5,56,59
	scu-frg LDLo:250 mg/kg	HBAMAK 4,1361,35

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MUREAV 47(2),75,78

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-L) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CRESOL recm std-air:TWA 10 mg/m3 NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 330
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 2001
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

G06300000 o-CRESOL
UPDT:8411 CAS: 95-48-7 MW: 108.13 MOLFM: C7-H8-O
SYN: 2-CRESOL * o-CRESOL (DOT) * o-CRESYLIC ACID * 1-HYDROXY-2-METHYLBENZENE * o-HYDROXYTOLUENE * 2-HYDROXYTOLUENE * o-KRESOL (German) * o-METHYLPHENOL * 2-METHYLPHENOL * o-METHYLPHENYLOL * ORTHOCRESOL * o-OXYTOLUENE * PHENOL, 2-METHYL- (9CI) * RCRA WASTE NUMBER U052 * o-TOLUOL * UN 2076 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 524 mg/24H SEV	BIOFX* 4-5/69
	eye-rbt 105 mg SEV	BIOFX* 4-5/69

MUTATION DATA AND REFERENCES:

	sce-hmn:fbr 8 mmol/L	MUREAV 137,51,84

TUMORIGENIC DATA AND REFERENCES:

2V02R60	skn-mus TDLo:4800 mg/kg/12W-I	CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:121 mg/kg	BIOFX* 4-5/69
	skn-rat LDLo:1100 mg/kg	GTPZAB 18(2),58,74
	scu-rat LDLo:65 mg/kg	RMSRA6 15,561,1895
	orl-mus LD50:344 mg/kg	GTPZAB 18(2),58,74
*	ihl-mus LC50:179 mg/m3/2H	85GMAT -,40,82
*	ipr-mus LD50:249 mg/kg	JMCMAR 18,868,75
	scu-mus LDLo:410 mg/kg	ZHINAV 64,113,1909
	ivn-dog LDLo:80 mg/kg	HBTXAC 5,56,59
	scu-cat LDLo:55 mg/kg	JPETAB 80,233,44
	orl-rbt LDLo:940 mg/kg	JPETAB 80,233,44
	skn-rbt LD50:890 mg/kg	TXAPA9 42,417,77
	scu-rbt LDLo:450 mg/kg	HBAMAK 4,1361,35
	ivn-rbt LDLo:180 mg/kg	JPETAB 80,233,44
	ipr-gpg LDLo:360 mg/kg	HBAMAK 4,1361,35
	scu-frg LDLo:200 mg/kg	HBAMAK 4,1361,35

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MUREAV 47(2),75,78

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-L) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CRESOL recm std-air:TWA 10 mg/m3 NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 330

BEST COPY AVAILABLE

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 2001
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

G06475000 p-CRESOL
UPDT:8408 CAS: 106-44-5 MW: 108.13 MOLFM: C7-H8-O
SYN: 4-CRESOL * p-CRESOL (DOT) * p-CRESYLIC ACID * 1-HYDROXY-4-METHYLBENZENE * p-HYDROXYTOLUENE * 4-HYDROXYTOLUENE * p-KRESOL * p-METHYLHYDROXYBENZENE * 1-METHYL-4-HYDROXYBENZENE * p-METHYLPHENOL * 4-METHYLPHENOL * p-OXYTOLUENE * PARA-CRESOL * PARAMETHYL PHENOL * PHENOL, 4-METHYL- (9CI) * RCRA WASTE NUMBER U052 * p-TOLUOL * p-TOLYL ALCOHOL * UN 2076 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 517 mg/24H SEV — BIOFX* 5-5/69
eye-rbt 103 mg SEV — BIOFX* 5-5/69

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:2280 mg/kg/20W-I — CNREAB 19,413,59

TOXICITY DATA AND REFERENCES:
orl-rat LD50:207 mg/kg — BIOFX* 5-5/69
skn-rat LD50:750 mg/kg — GTPZAB 18(2),58,74
scu-rat LDLo:500 mg/kg — HBTXAC 5,58,59
* unk-rat LD50:1440 mg/kg — GTPPAF 8,145,72
orl-mus LD50:344 mg/kg — GTPZAB 18(2),58,74
ipr-mus LD50:25 mg/kg — HBTXAC 5,58,59
scu-mus LDLo:150 mg/kg — HBAMAK 4,1361,35
unk-mus LD50:160 mg/kg — BJCAAI 6,160,52
scu-cat LDLo:80 mg/kg — JPETAB 80,233,44
orl-rbt LDLo:620 mg/kg — JPETAB 80,233,44
skn-rbt LD50:301 mg/kg — BIOFX* 5-5/69
scu-rbt LDLo:300 mg/kg — HBAMAK 4,1361,35
ivn-rbt LDLo:180 mg/kg — JPETAB 80,233,44
scu-gpg LDLo:200 mg/kg — HBTXAC 5,58,59
scu-frg LDLo:150 mg/kg — HBAMAK 4,1361,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, MUREAV 47(2),75,78

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-L) — FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CRESOL recm std-air:TWA 10 mg/m3 — NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 330
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 2001
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-CRESOL see: GO6300000
3-CRESOL see: GO6125000
4-CRESOL see: GO6475000
p-CRESOL ACETATE see: AJ7570000

G06829000 m-CRESOL, alpha-(AMINOMETHYL)-alpha-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 187.69 MOLFM: C9-H13-N-O Cl-H
SYN: alpha-(AMINOMETHYL)-alpha-METHYL-m-CRESOL HYDROCHLORIDE * beta-m-HYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:90 mg/kg — JPETAB 81,360,44

G06829100 o-CRESOL, alpha-(AMINOMETHYL)-alpha-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 187.69 MOLFM: C9-H13-N-O Cl-H
SYN: alpha-(AMINOMETHYL)-alpha-METHYL-o-CRESOL HYDROCHLORIDE * beta-o-HYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:110 mg/kg — JPETAB 81,360,44

G06829200 p-CRESOL, alpha-(AMINOMETHYL)-alpha-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 187.69 MOLFM: C9-H13-N-O Cl-H
SYN: alpha-(AMINOMETHYL)-alpha-METHYL-p-CRESOL HYDROCHLORIDE * beta-p-HYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:170 mg/kg — JPETAB 81,360,44

G06833000 m-CRESOL, alpha-(AMINOOXY)-6-BROMO-
UPDT:8401 CAS: 555-65-7 MW: 218.07 MOLFM: C7-H8-Br-N-O2
SYN: alpha-(AMINOOXY)-6-BROMO-m-CRESOL * BROCRESIN * BROCRESINE * CL 54998 * NSD 1055 * PHENOL, 5-((AMINOOXY)METHYL)-2-BROMO- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 ipr-mus TDLo:1200 mg/kg (3-4D preg) — CCPTAY 23,+57,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

G06839000 o-CRESOL, 4-(alpha-(2-AMINOPROPYL)-p-HYDROXYBENZYL)-
UPDT:8305 MW: 285.40 MOLFM: C17-H21-N2-O2
SYN: 4-(alpha-(2-AMINOPROPYL)-p-HYDROXYBENZYL)-o-CRESOL * L 1935 * 4(4 OXYPHENYL)4(3 METHYL-4 OXYPHENYL)BUTYLAMINE 2 (French)

TOXICITY DATA AND REFERENCES:
* unk-mus LD50:55 mg/kg — AIPTAK 100,127,54

G06862000 o-CRESOL, alpha,5-BIS(DIMETHYLAMINO)-, METHYLCARBAMATE (ester), DIHYDROCHLORIDE
UPDT:8312 MW: 324.29 MOLFM: C13-H21-N3-O2 2Cl-H
SYN: alpha,5-BIS(DIMETHYLAMINO)-o-CRESOL METHYLCARBAMATE (ester) DIHYDROCHLORIDE * CARBAMIC ACID, METHYL-, alpha,5-BIS(DIMETHYLAMINO)-o-TOLYL ESTER, DIHYDROCHLORIDE * N-METHYLURETHANE of DIHYDROCHLORIDE of 2-HYDROXY-4-DIMETHYLAMINOBENZYLDIMETHYLAMINE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 mg/kg — JCSOA9 -,182,47

G06868200 p-CRESOL, 2-BROMO-
UPDT:8408 CAS: 6627-55-0 MW: 187.05 MOLFM: C7-H7-Br-O
SYN: 2-BROMO-p-CRESOL

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:195 mg/kg — JMCMAR 18,868,75

n-CRESOL, 6-tert-BUTYL-2,4-DINITRO-, ACETATE (ESTER) (8CI) see: AF7175000

G07092000 m-CRESOL, CHLORO-
UPDT:8312 CAS: 54548-50-4 MW: 142.59 MOLFM: C7-H7-Cl-O
SYN: CHLORO-m-CRESOL (DOT) * PHENOL, 3-METHYL-, MONOCHLORO deriv. (9CI) * UN 2669 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

G07093000 o-CRESOL, CHLORO-
UPDT:8312 MW: 142.59 MOLFM: C7-H7-Cl-O
SYN: CHLORO-o-CRESOL (DOT) * UN 2669 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

G07094000 p-CRESOL, CHLORO-
UPDT:8312 MW: 142.59 MOLFM: C7-H7-Cl-O
SYN: CHLORO-p-CRESOL (DOT) * UN 2669 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

G07100000 m-CRESOL, 4-CHLORO-
UPDT:8406 CAS: 59-50-7 MW: 142.59 MOLFM: C7-H7-Cl-O
SYN: APTAL * BAKTOL * BAKTOLAN * CANDASEPTIC * p-CHLOR-m-CRESOL * CHLOROCRESOL * p-CHLOROCRESOL * p-CHLORO-m-CRESOL * 4-CHLORO-m-CRESOL * 6-CHLORO-m-CRESOL * 2-CHLORO HYDROXYTOLUENE * 6-CHLORO-3-HYDROXYTOLUENE * 4-CHLORO-3-METHYLPHENOL * 3-METHYL-4-CHLOROPHENOL * OTTAFACT * PARMETOL * PAROL * PCMC * PERITONAN * PHENOL, 4-CHLORO-3-METHYL- (9CI) * PREVENTOL CMK * RASCHIT * RASCHIT K * RASEN-ANICON * RCRA WASTE NUMBER U039

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg — JPETAB 90,260,47
scu-rat LD50:400 mg/kg — QJPPAL 12,212,39
ipr-mus LDLo:30 mg/kg — QJPPAL 12,212,39
scu-mus LDLo:200 mg/kg — QJPPAL 12,212,39

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

G07105000 m-CRESOL, 6-tert-BUTYL-4-CHLORO-
UPDT:8405 CAS: 30894-16-7 MW: 198.71 MOLFM: C11-H15-Cl-O
SYN: 6-tert-BUTYL-4-CHLORO-m-CRESOL * 2-tert-BUTYL-4-CHLORO-5-METHYLPHENOL * MCT * METHYL CHLOROTHYMOL

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:31200 mg/kg — JAPMA8 41,595,52

G07120000 o-CRESOL, 4-CHLORO-
UPDT:8403 CAS: 1570-64-5 MW: 142.59 MOLFM: C7-H7-Cl-O
SYN: 4-CHLORO-o-CRESOL * 4-CHLORO-2-METHYLPHENOL

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1320 mg/kg — PHARAT 30,147,75
* ivn-mus LD50:56 mg/kg — CSLNX* NX#03270

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

G07143750 m-CRESOL, CHLOROHEXYL-
UPDT:8306 MW: 226.77 MOLFM: C13-H19-Cl-O
SYN: CHLOROHEXYL-m-CRESOL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6 gm/kg — FEPRA7 1,146,42
* scu-mus LD50:4 gm/kg — FEPRA7 1,146,42

G07175000 o-CRESOL, 4-CHLORO-alpha-PHENYL-
UPDT:8412 CAS: 120-32-1 MW: 218.69 MOLFM: C13-H11-Cl-O
SYN: BENZYLCHLOROPHENOL * o-BENZYL-p-CHLOROPHENOL * 2-BENZYL-4-CHLOROPHENOL * BIO-CLAVE * 5-CHLORO-2-HYDROXYDIPHENYLMETHANE * CHLOROPHENE * 4-CHLORO-alpha-PHENYL-o-CRESOL * CLOROFENE * CLOROPHENE * KETOLIN-H * NCI-C61201 * NEOSABENYL * ORTHOBENZYL-p-CHLOROPHENOL * ORTHOBENZYLPARACHLOROPHENOL * PHENOL, 4-CHLORO-2-(PHENYLMETHYL)- (9CI) * SANTOPHEN * SANTOPHEN 1 * SANTOPHEN 1 FLAKE * SANTOPHEN 1 SOLUTION * SANTOPHEN 1 * SANTOPHEN 1 GERMICIDE * SEPTIPHENE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:14 gm/kg/34W-I — CNREAB 19,413,59

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1700 mg/kg — JPMSAE 63,1068,74

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

G07350000 o-CRESOL, 4-((7-CHLORO-4-QUINOLYL)AMINO)-alpha-1-PYRROLIDINYL-, DIHYDROCHLORIDE
UPDT:8308 CAS: 10350-81-9 MW: 426.80 MOLFM: C20-H20-Cl-N3-O 2Cl-H
SYN: AMOPYROQUIN DIHYDROCHLORIDE * 4-((7-CHLORO-4-QUINOLYL)AMINO)-alpha-1-PYRROLIDINYL-o-CRESOL DIHYDROCHLORIDE * PHENOL, 4-((7-CHLORO-4-QUINOLINYL)AMINO)-2-(1-PYRROLIDINYLMETHYL)-, DIHYDROCHLORIDE (9CI) * PROPOQUIN DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F17J22 orl-rat LD50:410 mg/kg — ANTCAO 8,450,58
* ivn-rat LD50:34 mg/kg — ANTCAO 8,450,58
3F17J22J30 orl-mus LD50:580 mg/kg — ANTCAO 8,450,58
* ivn-mus LD50:35 mg/kg — ANTCAO 8,450,58
1F07 ivn-mky LDLo:30 mg/kg — AJTHAB 6,987,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

G07530000 p-CRESOL, alpha-CYCLOHEXYLIDENE-alpha-(p-HYDROXYPHENYL)-
UPDT:8303 CAS: 5189-40-2 MW: 280.39 MOLFM: C19-H20-O2
SYN: alpha-CYCLOHEXYLIDENE-alpha-(p-HYDROXYPHENYL)-p-CRESOL * 4-(CYCLOHEXYLIDENE(4-HYDROXYPHENYL)METHYL)PHENOL * F 6060 * PHENOL, 4-(CYCLOHEXYLIDENE(4-HYDROXYPHENYL)METHYL)-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T24T25 orl-rat TDLo:45 mg/kg (1-9D preg) — BIREBV 1,397,69
1T13 par-rat TDLo:150 mg/kg (3D preg) — BIREBV 1,397,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

G07550000 p-CRESOL, alpha-CYCLOHEXYLIDENE-alpha-(p-HYDROXYPHENYL)-, DIACETATE
UPDT:8411 CAS: 2624-43-3 MW: 364.47 MOLFM: C23-H24-O4
SYN: BIS-(p-ACETOXYPHENYL)-CYCLOHEXYLIDENEMETHANE * BIS-(p-HYDROXYPHENYL)-CYCLOHEXYLIDENEMETHANE DIACETATE * CYCLOFENIL * CYCLOFENYL * CYCLOPENIL * CYCLOPHENYL * F 6066 * FERTODUR * H 3452 * ICI 48213 * OGINEX * ONDOGYNE * ONDONID * PHENOL, 4-((4-(ACETYLOXY)PHENYL)CYCLOHEXYLIDENEMETHYL)-, ACETATE * SANOCRISIN * SEXADIENO * SEXOVAR * SEXOVID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 orl-man TDLo:1577 mg/kg (46D male) — ASUPAZ 73,199,68
2T34T46 orl-rat TDLo:24 mg/kg (1-6D preg) — OYYAA2 4,635,70
2T81T86 orl-rat TDLo:48 mg/kg (9-14D preg) — OYYAA2 4,635,70
1T35 orl-rat TDLo:37 mg/kg (3-4D preg) — APTOA6 25,65,67
1T53 orl-rat TDLo:96 mg/kg (9-14D preg) — OYYAA2 4,635,70
1T27 orl-rat TDLo:80 mg/kg (3-4D preg) — APTSAI 26(Suppl 1),1,68
2T02T03 orl-rat TDLo:375 mg/kg (75D male) — APTOA6 23,365,66
1T12 orl-rat TDLo:375 mg/kg (75D pre) — APTOA6 23,365,66
2T13T19 ipr-rat TDLo:500 ug/kg (1D pre) — JRPFA4 65,355,82
1T22 scu-rat TDLo:300 mg/kg (30D pre) — APTOA6 23,365,66
1T23 scu-rat TDLo:300 mg/kg (30D male) — APTOA6 23,365,66
1T13 par-rat TDLo:150 mg/kg (3D pre) — BIREBV 1,397,69
2T26T35 orl-mus TDLo:48 mg/kg (1-6D preg) — OYYAA2 4,645,70
1T22 orl-mus TDLo:32 mg/kg (1-2D preg) — APTOA6 25,65,67
1T27 orl-mus TDLo:20 mg/kg (3-4D preg) — APTSAI 26(Suppl 1),1,68
1T13 orl-mus TDLo:6400 ug/kg (5D pre) — APTOA6 23,365,66
1T13 scu-mus TDLo:4500 ug/kg (3D pre) — ACENA7 63,283,70
2T22T24 scu-mus TDLo:15 mg/kg (2-5D preg) — ACENA7 63,283,70
2T25T26 orl-ham TDLo:900 mg/kg (1-9D preg) — CCPTAY 3,347,71
1T24 orl-ham TDLo:1800 mg/kg (1-9D preg) — CCPTAY 3,347,71
1T13 orl-ham TDLo:700 mg/kg (7D pre) — CCPTAY 3,347,71

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1700 mg/kg — NIIRDN 6,313,82
* ipr-mus LD50:1080 mg/kg — NIIRDN 6,313,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

G07875000 p-CRESOL, 2,6-DI-tert-BUTYL-
UPDT:8412 CAS: 128-37-0 MW: 220.39 MOLFM: C15-H24-O
SYN: ADVASTAB 401 * AGIDOL * AGIDOL 1 * ALKOFEN BP * ANTIOXIDANT DBPC * ANTIOXIDANT 29 * ANTIOXIDANT 30 * ANTIOXIDANT 4K * ANTIOXIDANT KB * ANTRANCINE B * AO 29 * AO 4K * BHT * BHT (FOOD GRADE) * 2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYLPHENOL * BUKS * BUTYLATED HYDROXYTOLUENE * BUTYLHYDROXYTOLUENE * CAO 1 * CAO 3 * CATALIN CAO-3 * CHEMANOX 11 * DALPAC * DBMP * DBPC * DBPC (TECHNICAL GRADE) * DEFNAX * DIBUNOL * DIBUTYLATED HYDROXYTOLUENE * 2,6-DI-tert-BUTYL-p-CRESOL * 2,6-DI-terc.BUTYL-p-KRESOL (Czech) * 2,6-DI-tert-BUTYL-1-HYDROXY-4-METHYLBENZENE * 3,5-DI-tert-BUTYL-4-HYDROXYTOLUENE * 2,6-DI-tert-BUTYL-p-METHYLPHENOL * 2,6-DI-tert-BUTYL-4-METHYLPHENOL * 4-HYDROXY-3,5-DI-tert-BUTYLTOLUENE * IMPRUVOL * IONOL * IONOL 1 * IONOL (ANTIOXIDANT) * IONOL CP * IONOLE * KERABIT * 4-METHYL-2,6-DI-terc. BUTYLFENOL (Czech) * METHYLDI-tert-BUTYLPHENOL * 4-METHYL-2,6-DI-tert-BUTYLPHENOL * NCI-C03598 * NONOX TBC * P 21 * PARABAR 441 * PARANOX 441 * PHENOL, 2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYL- (9CI) * STAVOX * SUMILIZER BHT * SUSTANE * SUSTANE BHT * TENAMENE 3 * TENOX BHT * TOPANOL * TOPANOL O * TOPANOL OC * VANLUBE PC * VANLUBE PCX * VIANOL

IRRITATION DATA AND REFERENCES:
skn-hmn 500 mg/48H MLD — AMIHBC 5,311,52
skn-rbt 500 mg/48H MOD — AMIHBC 5,311,52
eye-rbt 100 mg/24H SEV — 28ZPAK -,57,72

MUTATION DATA AND REFERENCES:
dni-hmn:lym 20 umol/L — BBRCA9 80,963,78
dni-mus-ipr 250 mg/kg — CBINA8 19,279,77
dlt-mus-orl 12 gm/kg/10W-C — NTIS** PB278-026
spm-mus-ipr 350 mg/kg/5D-I — CMMUAO 5,257,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T81T85 orl-rat TDLo:18 gm/kg (2W male/2W pre-3W post) — FCTXAV 19,153,81
1T76 orl-rat "DLo:9 gm/kg (2W male/2W pre-3W post) — FCTXAV 19,153,81
1T86 orl-rat TDLo:120 gm/kg (14W male/14W pre-3W post) — TXCYAC 16,247,80
3T16T76T81 orl-mus TDLo:43800 mg/kg (52D pre/1-21D preg) — FCTXAV 3,371,65
1T85 orl-mus TDLo:12600 mg/kg (1-21D preg) — FEPRA7 31,596,72

TUMORIGENIC DATA AND REFERENCES:
3V01M60V05 orl-rat TDLo:134 gm/kg/32W-C — CRNGDP 4,895,83
2V03J60 ipr-mus TDLo:1200 mg/kg/8W-I — CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:
orl-rat LD50:890 mg/kg — NEQLA4 24,253,77
orl-mus LD50:1040 mg/kg — JAPMA8 38,366,49
3J16J30P01 ipr-mus LD50:138 mg/kg — TXAPA9 61,475,81
3K12F11J25 orl-cat LDLo:940 mg/kg — AMIHAB 11,93,55
2K12F11J25 orl-rbt LDLo:2100 mg/kg — AMIHAB 11,93,55
3K12F11J25 orl-gpg LD50:10700 mg/kg — AMIHAB 11,93,55

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FEPRA7 35(1),89,76
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 — DTLVS* 4,161,80

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-150,79)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 226
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

G08150000 m-CRESOL, 4,4'-(1,2-DIETHYLETHYLENE)DI-
UPDT:8401 CAS: 85720-57-6 MW: 298.46 MOLFM: C20-H26-O2
SYN: 4,4'-(1,2-DIETHYLETHYLENE)DI-m-CRESOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:120 ug/kg (3D pre) — JMCMAR 26,1137,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

G08151000 o-CRESOL, 4,4'-(1,2-DIETHYLETHYLENE)DI-
UPDT:8401 CAS: 10465-10-8 MW: 298.46 MOLFM: C20-H26-O2
SYN: meso-3,4-BIS(4-HYDROXY-3-METHYLPHENYL)HEXANE * 4,4'-(1,2-DIETHYLETHYLENE)DI-o-CRESOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:120 ug/kg (3D pre) — JMCMAR 26,1137,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

m-CRESOL, 4-(DIMETHYLAMINO)-, METHYLCARBAMATE (ester) see: FC0175000

G09300000 p-CRESOL, alpha-(2,2-DIMETHYLVINYL)-alpha-ETHYNYL-
UPDT:8407 CAS: 63141-79-7 MW: 185.26 MOLFM: C13-H13-O
SYN: DIMETHYLVINYLETHINYL-p-HYDROXYPHENYLMETHANE * alpha-(2,2-DIMETHYLVINYL)-alpha-ETHYNYL-p-CRESOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T71T75 ihl-rat TCLo:8900 ug/m3/24H (1-18D preg) — GISAAA 41(1),95,76

TOXICITY DATA AND REFERENCES:
ihl-mus LC50:220 mg/m3 — GISAAA 41(6),95,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

G09450000 o-CRESOL, DINITRO-
UPDT:8403 CAS: 1335-85-9 MW: 198.15 MOLFM: C7-H6-N2-O5
SYN: DINITRO-o-CRESOL * DINITRO-o-CRESOL, liquid (DOT) * DINITRO-o-CRESOL, solid (DOT) * PHENOL, 2-METHYLDINITRO- (9CI) * UN 1598 (DOT)

TOXICITY DATA AND REFERENCES:
ihl-mus LC50:47 mg/m3 — HYSAAV 30,197,65
* unk-rat LD50:125 mg/kg — SAKNAH 65,485,72

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172 102,83
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO DINITRO-ORTHO-CRESOL recm std-air:TWA 0.2 mg/m3 — NTIS**

G09625000 o-CRESOL, 4,6-DINITRO-
UPDT:8411 CAS: 534-52-1 MW: 198.15 MOLFM: C7-H6-N2-O5
SYN: ANTINONIN * ANTINONNIN * ARBOROL * CAPSINE * CHEMSECT DNOC * DEGRASSAN * DEKRYSIL * DETAL * DINITROCRESOL * DINITRO-o-CRESOL * 2,4-DINITRO-o-CRESOL * 4,6-DINITRO-o-CRESOL * 4,6-DINITRO-o-CRESOLO (Italian) * DINITRODENDTROXAL * 3,5-DINITRO-2-HYDROXYTOLUENE * 4,6-DINITROKRESOL (Dutch) * 4,6-DINITRO-o-KRESOL (Czech) * DINITROL * DINITROMETHYL CYCLOHEXYLTRIENOL * 2,4-DINITRO-6-METHYLPHENOL * DINOC * DINURANIA * DITROSOL * DN * DNC * DN-DRY MIX NO 2 * DNOC * DNOK (Czech) * DWUNITRO-O-KREZOL (Polish) * EFFUSAN * EFFUSAN 3436 * ELGETOL * ELGETOL 30 * ELIPOL * ENT 154 * EXTRAR * HEDOLIT * HEDOLITE * K III * K IV * KRENITE (OBS.) * KRESAMONE * KREZOTOL 50 * LE DINITROCRESOL-4,6 (French) * LIPAN * 2-METHYL-4,6-DINITROPHENOL * NITRADOR * NITROFAN * PHENOL, 2-METHYL-4,6-DINITRO- (9CI) * PROKARBOL * RAFEX * RAFEX 35 * RAPHATOX * RCRA WASTE NUMBER P047 * SANDOLIN * SANDOLIN A * SELINON * SINOX * TRIFOCIDE * TRIFRINA * WINTERWASH * ZAHLREICHE BEZEICHNUNGEN (German)

IRRITATION DATA AND REFERENCES:
skn-rbt 105 mg/9D-I MLD — JIHTAB 30,10,48
eye-rbt 20 mg/24H SEV — 28ZPAK -,107,72

MUTATION DATA AND REFERENCES:
mmo-sat 50 uL/plate — JTEHD6 7,643,81
mma-sat 1 umol/plate — AIDZAC 10,305,82
dnr-cmi 10 mg/plate — BIZNAT 95,463,76
sln-dmg-orl 250 umol/L — ARTODN (Suppl 4),59,80

TOXICITY DATA AND REFERENCES:
3A11G30K30 ihl-hmn TCLo:1 mg/m3 — HYSAAV 30,197,65
unk-man LDLo:29 mg/kg — 85DCAI 2,73,70
orl-rat LD50:10 mg/kg — 85ARAE 3,54,76
skn-rat LD50:200 mg/kg — WRPCA2 9,119,70
ipr-rat LDLo:28 mg/kg — TXAPA9 1,156,59
* unk-rat LD50:85 mg/kg — GTPZAB 26(6),21,82
orl-mus LD50:47 mg/kg — HYSAAV 30,197,65
ipr-mus LD50:19 mg/kg — BCPCA6 18,1389,69
* unk-mus LD50:40 mg/kg — TGANAK 16(1),45,82
ivn-dog LDLo:15 mg/kg — AIPTAK 50,20,35
ihl-cat LCLo:40 mg/m3 — HYSAAV 30,197,65
skn-gpg LDLo:500 mg/kg — JIHTAB 30,10,48
ivn-pgn LDLo:7 mg/kg — AIPTAK 50,20,35
orl-dom LD50:100 mg/kg — 85DPAN -,-,71/76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73; FNSCA6 2,67,73
★ TLV-TWA 200 ug/m3; STEL 600 ug/m3 (skin) — DTLVS* 4,152,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug/m3 (skin) (SCP-L) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO DINITRO-ORTHO-CRESOL recm std-air:TWA 0.2 mg/m3 — NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S166#
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

G09800000 p-CRESOL, 2,6-DINITRO-
UPDT:8405 CAS: 609-93-8 MW: 198.15 MOLFM: C7-H6-N2-O5
SYN: DINITRO-p-CRESOL * DNPC * VICTORIA ORANGE * VICTORIA YELLOW

MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate — MUREAV 58,1,78
mma-esc 100 mg/L — BJCAAI 37(Suppl 3),124,78

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:24.8 mg/kg — JPPMAB 5,497,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

G09900000 p-CRESOL, 3,5-DINITRO-
UPDT:8407 CAS: 63989-82-2 MW: 198.15 MOLFM: C7-H6-N2-O5
SYN: 3,5-DINITRO-p-CRESOL

TOXICITY DATA AND REFERENCES:
unk-rbt LDLo:250 mg/kg — XPHBAO 271,144,41
ipr-pgn LDLo:20 mg/kg — AIPTAK 50,20,35

GP0210000 o-CRESOL, DINITRO-, AMMONIUM SALT
UPDT:8312 CAS: 29795-25-3 MW: 216.20 MOLFM: C7-H6-N2-O5-H4-N
SYN: AMMONIUM SINITRO-o-CRESOLATE (DOT) * UN 1843 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

GP1049000 o-CRESOL, DINITRO-, SODIUM SALT
UPDT:8312 CAS: 25641-53-6 MW: 221.14 MOLFM: C7-H6-N2-O5-Na
SYN: PHENOL, 2-METHYLDINITRO-, SODIUM SALT (9CI) * SODIUM DINITRO-o-CRESOLATE, dry or containing less than 15% water (DOT) * SODIUM DINITRO-o-CRESYLATE * UN 0234 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS B EXPLOSIVE; LABEL:EXPLOSIVE B — CFRGBR 49,172.102,83

GP1049300 o-CRESOL, DINITRO-, SODIUM SALT, wetted with at least 10% water
UPDT:8312 CAS: 25641-53-6
SYN: SODIUM DINITRO-o-CRESOLATE, wetted with at least 10% water (DOT) * SODIUM DINITRO-o-CRESOLATE, wetted with at least 15% water (DOT) * UN 1348 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID AND POISON — CFRGBR 49,172.102,83

CRESOL (DOT) see: GO5950000
m-CRESOL (DOT) see: GO6125000
o-CRESOL (DOT) see: GO6300000
p-CRESOL (DOT) see: GO6475000
m-CRESOLE see: GO6125000
CRESOLE VIOLET see: DJ1927000
o-CRESOL GLYCERYL ETHER see: TZ1225000

GP1339000 p-CRESOL, alpha-(p-HYDROXYPHENYL)-alpha-(2-METHYLCYCLOHEXYLIDENE)-, DIACETATE
UPDT:8402 CAS: 21327-74-2 MW: 378.50 MOLFM: C24-H26-O4
SYN: 4-[(4-(ACETYLOXY)PHENYL)(2-METHYLCYCLOHEXYLIDENE)METHYL)PHENOL ACETATE * BIS(p-ACETOXYPHENYL)-2-METHYLCYCLOHEXYLIDENEMETHANE * F 6103 * alpha-(p-HYDROXYPHENYL)-alpha-(2-METHYLCYCLOHEXYLIDENE)-p-CRESOL DIACETATE * PHENOL, 4-[(4-(ACETYLOXY)PHENYL)(2-METHYLCYCLOHEXYLIDENE)METHYL)-, ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 orl-rat TDLo:2 mg/kg (1-2D preg) — APTSAI 26(Suppl 1),1,68
1T25 orl-rat TDLo:5 mg/kg (5D preg) — CCPTAY 14,487,76
1T24 orl-rat TDLo:1500 ug/kg (3D preg) — CCPTAY 5,473,72
1T22 scu-rat TDLo:3 mg/kg (6D pre) — APTSAI 26(Suppl 1),1,68
1T27 orl-mus TDLo:500 ug/kg (3-4D preg) — APTSAI 26(Suppl 1),1,68
2T27T35 orl-rbt TDLo:7200 ug/kg (10-18D preg) — APTSAI 26(Suppl 1),1,68
1T34 orl-rbt TDLo:28800 ug/kg (19-27D preg) — APTSAI 26(Suppl 1),1,68
1T25 orl-rbt TDLo:115 mg/kg (10-18D preg) — APTSAI 26(Suppl 1),1,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CRESOLI (Italian) see: GO5950000
m-CRESOL, 6-ISOPROPYL- see: XP2275000
o-CRESOL, 5-ISOPROPYL- see: FI1225000
p-CRESOL, 2,2'-METHYLENEBIS(6-tert-BUTYL- see: PA3500000
p-CRESOL METHYL ETHER see: BZ8780000
m-CRESOL, 4-(METHYLTHIO)-, O-ester with O,O-DIMETHYL PHOSPHOROTHIOATE see: TF9625000
m-CRESOL, 4-(METHYLTHIO)-, O-ESTER with O-ETHYL METHYLPHOSPHORAMIDOTHIOATE see: TB5600000
m-CRESOL 4-NITRO-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TG0350000

GP2984950 p-CRESOL, 2-NITRO-alpha,alpha,alpha-TRIFLUORO-
UPDT:8401 CAS: 400-99-7 MW: 207.12 MOLFM: C7-H4-F3-N-O3
SYN: 2-NITRO-alpha,alpha,alpha-TRIFLUORO-p-CRESOL

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg — JPMSAE 57,1763,68

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GP3000000 m-CRESOL, 6-n-NONYL-
UPDT:8407 CAS: 63992-49-4 MW: 234.42 MOLFM: C16-H26-O
SYN: 6-n-NONYL-m-CRESOL

TOXICITY DATA AND REFERENCES:
unk-rat LD50:4 gm/kg — JPETAB 51,227,34

GP3100000 m-CRESOL, 6-n-PENTYL-
UPDT:8405 CAS: 53043-14-4 MW: 178.30 MOLFM: C12-H18-O

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

SYN: 6-n-AMYL-m-CRESOL * 5-METHYL-2-PENTYLPHENOL * 6-n-PENTYL-m-CRESOL
TOXICITY DATA AND REFERENCES:
unk-rat LD50:1500 mg/kg JPETAB 51,227,34

GP3130500 CRESOL SOAP SOLUTION
DEF:Contains 1 part Kali soap and 1 part CRESOL (KFIZAO 29,143,40)
UPDT:8402
TOXICITY DATA AND REFERENCES:
2K01K13 orl-wmn TDLo:2 gm/kg KFIZAO 29,143,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GP3150000 m-CRESOL, 4,4'-THIOBIS(6-tert-BUTYL-
UPDT:8412 CAS: 96-69-5 MW: 358.58 MOLFM: C22-H30-O2-S
SYN: BIS(3-tert-BUTYL-4-HYDROXY-6-METHYLPHENYL) SULFIDE * BIS(4-HYDROXY-5-tert-BUTYL-2-METHYLPHENYL) SULFIDE * DISPERSE MB-61 * PHENOL, 4,4'-THIOBIS(2-(1,1-DIMETHYLETHYL)-5-METHYL- (9CI) * SANTONOX * SANTONOX BM * SANTONOX R * SANTOWHITE CRYSTALS * SANTOX * SUMILIZER WX * SUMILIZER WX-R * THIOALKOFEN BM 4 * THIOALKOFEN BMCH * THIOALKOFEN MBCH * THIOALKOPHENE BM-4 * 4,4'-THIOBIS(6-tert-BUTYL-m-CRESOL) * 4,4'-THIOBIS(2-tert-BUTYL-5-METHYLPHENOL) * 4,4'-THIOBIS(6-tert-BUTYL-3-METHYLPHENOL) * 4,4'-THIOBIS(3-METHYL-6-tert-BUTYLPHENOL) * 1,1'-THIOBIS(2-METHYL-4-HYDROXY-5-tert-BUTYLBENZENE) * USAF B-15 * YOSHINOX S * YOSHINOX SR
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:50 mg/kg NTIS** AD277-689
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 OTLVS* 4,396,80
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

GP3200000 o-CRESOL, 4,4'-THIOBIS(6-t-BUTYL-
UPDT:8305 CAS: 96-66-2 MW: 358.58 MOLFM: C22-H30-O2-S
SYN: ANTIOXIDANT 736 * ANTIOXIDANT E 736 * E 736 * ETHANOX 736 * ETHYL 736 * ETHYL ANTIOXIDANT 736 * PHENOL, 4,4'-THIOBIS(2-(1,1-DIMETHYLETHYL)-6-METHYL- (9CI) * TB 2 * THIOALKOFEN BM * 4,4'-THIO-BIS(6-tert-BUTYL-o-CRESOL) * TIOALKOFEN BM
TOXICITY DATA AND REFERENCES:
orl-mam LD50:6340 mg/kg RCTEA4 45,627,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GP3400000 o-CRESOL, p-(o-TOLYLAZO)-
UPDT:8401 CAS: 57598-00-2 MW: 226.30 MOLFM: C14-H14-N2-O
SYN: 4'-HYDROXY-2,3'-AZOTOLUENE
TUMORIGENIC DATA AND REFERENCES:
3V03L60V10 mul-mus TDLo:400 mg/kg/1 CNREA8 1,397,41
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GP3550000 m-CRESOL, alpha,alpha,alpha-TRIFLUORO-4-NITRO-, SODIUM SALT
UPDT:8309 CAS: 654-66-0 MW: 229.10 MOLFM: C7-H3-F3-N-O3-Na
SYN: HOE 02770 * LAMPRECID * LAMPRECIDE * 4-NITRO-3-(TRIFLUOROMETHYL)PHENOL SODIUM SALT * PHENOL, 4-NITRO-3-(TRIFLUOROMETHYL)-, SODIUM SALT * SODIUM-4-NITRO-3-TRIFLUOROMETHYL PHENOLATE * TFM * TFN * 3-TRIFLUOROMETHYL-4-NITROPHENOL, SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:370 mg/kg FMCHA2 -,C138,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GP3675000 m-CRESOL, 2,4,6-TRINITRO-
UPDT:8405 CAS: 602-99-3 MW: 243.15 MOLFM: C7-H5-N3-O7
SYN: CRESYLITE * PHENOL, 3-METHYL-2,4,6-TRINITRO- (9CI) * TRINITRO-meta-CRESOL * TRINITRO-m-CRESOLIC ACID * TRINITROMETACRESOL (DOT) * UN 0216 (DOT)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:168 mg/kg QJPPAL 7,205,34
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

CRESON see: TY8400000
CRESOPUR see: AF9700000
CRESOSSIDIOLO see: TZ1225000
CRESOSSIPROPANDIOLO see: TZ1225000

GP4000000 2,3-CRESOTIC ACID, 6-(7-(5-ETHYL-5-(5-ETHYLTETRAHYDRO-5-HYDROXY-6-METHYL-2H-PYRAN-2-YL) TETRAHYDRO-3-METHYL-2-FURYL)-4-HYDROXY-3,5-DIMETHYL-6-OXONONYL)- (-)-
UPDT:8408 CAS: 25999-31-9 MW: 590.88 MOLFM: C34-H54-O8
SYN: ANTIBIOTIC X 537A * AVATEC * BOVATEC * COMPOUND X 537A * IONOPHORE X 537A * IONOPHORE X-4537A * LASALOCID A * Ro 2-2985 * X 537A
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:146 mg/kg 85GDA2 5,502,81
* ipr-mus LD50:40 mg/kg 85ERAY 1,809,78

CRESOTINE BLUE 2B see: QJ6400000
CRESOTINE BLUE 3B see: QJ6475000
CRESOTINE BLUE 6B see: QJ6430000
CRESOTINE DARK GREEN B see: QJ6195050
CRESOTINE PURE BLUE see: QJ6420000
CRESOTINE YELLOW A see: GD0197800
CRESOXYDIOL see: TZ1225000
CRESOXYPROPANEDIOL see: TZ1225000
CRESTABOLIC see: BV8100000
CRESTANIL see: TZ0175000
CRESTOMYCIN see: WK2315000
CRESTOXO see: XW5250000

GP4635000 CRESYL
UPDT:8402 CAS: 69431-44-3
TOXICITY DATA AND REFERENCES:
3H02K12K13 orl-man TDLo:3571 mg/kg MAMDAX 108,425,71
3H02K12K13 orl-wmn TDLo:400 mg/kg MAMDAX 108,425,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CRESYL ACETATE see: AJ7570000
p-CRESYL ACETATE see: AJ7570000
p-CRESYL CAPRYLATE see: RH0787500
o-CRESYL alpha-GLYCERYL ETHER see: TZ1225000
CRESYLIC ACID see: GO5950000
m-CRESYLIC ACID see: GO6125000
o-CRESYLIC ACID see: GO6300000
p-CRESYLIC ACID see: GO6475000
CRESYLIC ACID (DOT) see: GO5950000
CRESYLIC CREOSOTE see: GF8615000
p-CRESYL ISOBUTYRATE see: NQ5460000
CRESYLITE see: GP3675000
m-CRESYL METHYLCARBAMATE see: FC8050000
m-CRESYL ester of N-METHYLCARBAMIC ACID see: FC8050000
p-CRESYL METHYL ETHER see: BZ8750000
p-CRESYL OCTANOATE see: RH07E 5u0
CRESYL PHOSPHATE see: TD0175000
o-CRESYL PHOSPHATE see: TD0350000
CRESYL VIOLET see: DJ1927000
CRILENKA, combustion products see: AT6975000
CRILL 26 see: WI4550000
CRILL 3 see: WG2933500
CRILL K 3 see: WG2933500
CRILLON L.D.E. see: JR1925000
CRIMIDIN (German) see: UV8050000
CRIMIDINA (Italian) see: UV8050000
CRIMIDINE see: UV8050000
CRIMSON ANTIMONY see: CC9450000
CRIMSON EMBL see: QK1925000
CRIMSON 2EMBL see: QK1925000
CRIMSON 4R see: QK2705000
CRIMSON 5X see: QJ6530000
CRINODORA see: AR7875000
CRINOTHENE see: TR0400000
CRINOVARYL see: KG8575000

GP7610000 CRINUM ASIATICUM Linn., bulb extract
DEF:Indian plant belonging to the family AMARYLLIDACEAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1F07 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

GP7620000 CRINUM DEFIXUM Ker.-Gawl. var. defixum, extract
DEF:Indian plant belonging to the family AMARYLLIDACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10Y55 ipr-mus LD50:25 mg/kg IJEBA6 15,208,77

CRINURYL see: AG6600000
CRISALIN see: XU9275000
CRISAPON see: UF0690000
CRISATRINA see: XY5600000
CRISATRINE see: XY9100000
CRISAZINE see: XY5600000
CRISEOCICLINA see: QA8750000
CRISODIN see: TC4375000
CRISODRIN see: TC4375000
CRISPIN see: GV8940000
CRISQUAT see: DW2275000
CRISTALLOSE see: DE4550000
CRISTALLOVAR see: KG8575000
CRISTALOMICINA see: NZ3225030
CRISTAPEN see: XH9700000
CRISTAPURAT see: IH2275000
CRISTERONA MB see: BV8052000
CRISTERONE T see: XA3030000
CRISTOBALITE see: VV7325000
CRISTOXO see: XW5250000
CRISTOXO 90 see: XW5250000
CRISULFAN see: RB9275000
CRISURON see: YS8925000
CRITTOX see: ZH3325000
CROCEOMYCIN see: DJ6350000

GP8200000 CROCETIN, SODIUM SALT
DEF:Obtained by the hydrolysis of CROCIN (JJPAAZ 4,69,54)
UPDT:8406 MW: 189.23 MOLFM: C10-H14-O2-Na
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:2 gm/kg JJPAAZ 4,69,54

CROCIDOLITE see: CI6475000
CROCIN see: HL7380000
alpha-CROCIN see: HL7380000
CROCOITE see: GB2975000
CROCUS MARTIS ADSTRINGENS see: NO7400000
CRODACID see: QH4375000
CRODACOL A.10 see: RG4120000
CRODACOL-CAS see: MM0225000
CRODACOL-CAT see: MM0225000
CRODACOL-O see: RG4120000
CRODACOL-S see: RG2010000
CRODAMOL IPP see: RT4900000
CRODET O 6 see: MD0880000

GP8588000 6-CHROMANOL, 2,5,7,8-TETRAMETHYL-2-(4,8,12-TRIMETHYLTRIDECYL)-, ACETATE, (+)-
UPDT:8412 CAS: 58-95-7 MW: 472.83 MOLFM: C31-H52-O3
SYN: ALFACOL * COMBINAL E * CONTOPHERON * ECOFROL * ECON * E-FEROL * ENDO E DOMPE * EPHYNAL ACETATE * EPSILAN-M * EREVIT * E-TOPLEX * EVIPHEROL * FERTILVIT * GEVEX * JUVELA * TOCOPHERE * (+)-alpha-TOCOPHEROL ACETATE * alpha-TOCOPHEROL ACETATE * d-alpha-TOCOPHEROL ACETATE * (-)-alpha-TOCOPHERYL ACETATE * alpha-TOCOPHERYL ACETATE * d-alpha-TOCOPHERYL ACETATE * (R,R,R)-alpha-TOCOPHERYL ACETATE * (2R,4'R,8'R)-alpha-TOCOPHERYL ACETATE * TOCOPHRIN * TOFAXIN * TOKOFEROL ACETATE * VITAMIN E ACETATE
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

CROMARIL see: DJ3100630
CROMILE, CLORURO DI (Italian) see: GB5775000
CROMODIL see: DJ3100900
CROMO, OSSICLORURO DI (Italian) see: GB5775000
CROMO(TRIOSSIDO DI) (Italian) see: GB6650000
CRONAXIL see: UT4757000
CRONETAL see: JO12250x0
CRONETON see: FC2628000
CRONIL see: YT2800000
CRONOLONE see: TU5024000
CROPOTEX see: CY1202500 BENZENAMINE, N-(3-PHENYL-4,5-BIS((TRIFLUOROMETHYL)IMINO)-2-THIAZOLIDINYLIDENE)-
CROP RIDER see: AG6825000
CROSEMPERINE see: GP9030800

GP9030800 CROTALANANIUM, 14,19-DIHYDRO-8,12-DIHYDROXY-4,19-DIMETHYL-11,15-DIOXO-, (13-alpha,14-alpha)-
UPDT:8308 CAS: 30785-56-9 MW: 368.50 MOLFM: C19-H30-N-O6
SYN: CROSEMPERINE * (13-alpha,14-alpha)-14,19-DIHYDRO-8,12-DIHYDROXY-4,19-DIMETHYL-11,15-DIOXOCROTALANANIUM
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:32 mg/kg 85GDA2 8(1),212,82

GP9030900 CROTALARIA AGATIFLORA, seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:300 mg/kg IJEBA6 16,228,78

GP9031000 CROTALARIA ALBIDA Heyne., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8302

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

GP9031050 CROTALARIA BRAVIFOLIA DC., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

GP9031100 CROTALARIA BROWNEI Bert., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2D35H30 ipr-mus LD50:750 mg/kg IJEBA6 9,91,71

GP9031200 CROTALARIA JUNCEA Linn., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8302
SYN: SANAI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

GP9031250 CROTALARIA JUNCEA Linn., seed extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:1400 mg/kg (1-7D preg) IJMRAQ 70,517,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GP9031300 CROTALARIA LABURNIFOLIA Linn., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8302
SYN: MUNA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg IJEBA6 12,512,74

GP9031350 CROTALARIA MADURENSIS Wight., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

GP9031400 CROTALARIA MEDICAGINEA Lamk., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302
SYN: CHOTA-SANAI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

GP9031410 CROTALARIA MEDICAGINEA Lamk. var. LUXURIENS Baker, extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

GP9031430 CROTALARIA MUCRONATA Desv., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:350 mg/kg IJEBA6 16,228,78

GP9031460 CROTALARIA RUBIGENOSA Willd., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

GP9031500 CROTALARIA SPECTABILLIS Roth., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 7,250,69)
UPDT:8302
SYN: JHUNJHUN EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:350 mg/kg IJEBA6 7,250,69

GP9031600 CROTALARIA STRIATA DC., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8302
SYN: JHUNJHUNIA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:400 mg/kg IJEBA6 11,43,73

GP9031650 CROTALARIA VERRUCOSA Linn., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

GP9031660 CROTALARIA VERRUCOSA Linn., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

GP9031680 CROTALARIA WALKERI Arn., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

GP9031700 CROTALARIA WIGHTIANA Grah., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:35 mg/kg IJEBA6 12,512,74

CROTALUS ADAMANTEUS VENOM see: YX4305000
CROTALUS ATROX VENOM see: YX4310000
CROTALUS DURISSUS TERRIFICUS VENOM see: YX4320000
CROTALUS DURISSUS TOTONACUS VENOM see: YX4182140
CROTALUS HORRIDUS HORRIDUS VENOM see: YX4330000
CROTALUS SCUTULATUS SALVINI VENOM see: YX4338000
CROTALUS SCUTULATUS SCUTULATUS VENOM see: YX4339500
CROTALUS SCUTULATUS SCUTULATUS (CALIF) VENOM see: YX4340000
CROTALUS SCUTULATUS SCUTULATUS (UTAH) VENOM see: YX4340500
CROTALUS VIRIDIS CALIGINIS VENOM see: YX4182300
CROTALUS VIRIDIS CONCOLOR VENOM see: YX4182400
CROTALUS VIRIDIS MELLERI VENOM see: YX4182500
CROTALUS VIRIDIS LUTOSUS VENOM see: YX4182600
CROTALUS VIRIDIS MUNTIS VENOM see: YX4182700
CROTALUS VIRIDIS OREGANUS VENOM see: YX4182800
CROTALUS VIRIDIS VENOM see: YX4182850
CROTALUS VIRIDIS VIRIDIS TOXIN see: DU3120000
CROTALUS VIRIDIS VIRIDIS VENOM see: YX4345000
CROTALUS VIRIDUS CERBERUS VENOM see: YX4182350
CROTENALDEHYDE see: GP9625000
CROTILIN see: AG6825000
CROTOCIN see: YD0117000
CROTONAL see: GP9625000
CROTONALDEHYDE see: GP9625000

GP9499000 CROTONALDEHYDE
CAS: 4170-30-3 MW: 70.10 MOLFM: C4-H6-O
SYN: 2-BUTENAL (9CI) * CROTONALDEHYDE, inhibited (DOT) * CROTONIC ALDEHYDE * beta-METHYLACROLEIN * RCRA WASTE NUMBER U053 * UN 1143 (DOT)
MUTATION DATA AND REFERENCES:
dnd-mam:lym 21500 mg/L/16H CNREA8 44,990,84
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:206 mg/kg GTPZAB 26(8),53,82
* ihl-rat LC50:200 mg/m3/2H GTPZAB 26(8),53,82
* orl-mus LD50:104 mg/kg GTPZAB 26(8),53,82
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 285#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CROTONALDEHYDE, inhibited (DOT) see: GP9499000

GP9625000 CROTONALDEHYDE, (E)-
UPDT:8408 CAS: 123-73-9 MW: 70.10 MOLFM: C4-H6-O
SYN: ALDEHYDE CROTONIQUE (French) * 2-BUTENAL (E)- * trans-2-BUTENAL * CROTENALDEHYDE * CROTONAL * CROTONALDEHYDE * CROTONIC ALDEHYDE * 1,2-ETHANEDIOL, DIPROPANOATE (9CI) * ETHYLENE GLYCOL DIPROPIONATE (8CI) * ETHYLENE DIPROPIONATE * ETHYLENE PROPIONATE * beta-METHYL ACROLEIN * NCI-C56279 * PROPYLENE ALDEHYDE * RCRA WASTE NUMBER U053 * TOPANEL
IRRITATION DATA AND REFERENCES:
eye-hmn 45 ppm AIHAAP 28,561,67
skn-rbt 500 mg open MLD UCDS** 4/21/67
MUTATION DATA AND REFERENCES:
mmo-sat 250 ug/plate ENMUDM 5(Suppl 1),3,83
mma-sat 10 ug/plate ENMUDM 5(Suppl 1),3,83
spm-mus-ipr 30 mg/kg MUREAV 39,317,77
TOXICITY DATA AND REFERENCES:
2D17J30 ihl-hmn TCLo:12 mg/m3/10M JAMAAP 165,1908,57
orl-rat LD50:300 mg/kg JIHTAB 26,269,44
2F13F12 ihl-rat LC50:4000 mg/m3/30M APTOA6 6,299,50
2F13F12 scu-rat LD50:140 mg/kg APTOA6 6,299,50
orl-mus LD50:240 mg/kg BIJOAK 34 1196,40
ipr-mus LD50:160 mg/kg ZolH## 23OCT75
2F13F12 scu-mus LD50:160 mg/kg APTOA6 6,299,50
scu-dog LDLo:100 mg/kg AEXPBL 18,218,1884
skn-rbt LD50:380 mg/kg UCDS** 4/21/67
* skn-gpg LD50:25590 ug/kg JIHTAB 26,269,44
scu-gpg LDLo:1700 mg/kg AEXPBL 18,218,1884
REVIEW AND REFERENCES:
★ TLV-TWA 2 ppm; STEL 6 ppm DTLVS* 4,107,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ppm (SCP-M) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 285#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GQ0350000 CROTONALDEHYDE, 2-ETHYL-
UPDT:8307 CAS: 19780-25-7 MW: 98.16 MOLFM: C6-H10-O
SYN: 2-BUTENAL, 2-ETHYL- (9CI) * 2-ETHYLCROTONALDEHYDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2600 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:500 mg/kg TXAPA9 28,313,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CROTGNALDEHYDE ISONICOTINIC ACID HYDRAZONE see: NS1245400
N'-CROTONALIDENEISONIAZID see: NS1245400
CROTONAMIDE, 2-CHLORO-N,N-DIETHYL-3-HYDROXY-, DIMETHYL PHOSPHATE see: TC2800000

GQ1255000 CROTONAMIDE, N-(p-((3-CYCLOHEXYL-2-IMINO-1-IMIDAZOLIDINYL)SULFONYL)PHENETHYL)-
UPDT:8411 MW: 417.60 MOLFM: C21-H29-N4-O3-S
TOXICITY DATA AND REFERENCES:
3F11F12J24 orl-rat LD50:600 mg/kg ARZNAD 34,247,84
3F11F12J24 ivn-rat LD50:25 mg/kg ARZNAD 34,247,84
CROTONAMIDE, 3-HYDROXY-N,N-DIMETHYL-, cis-, DIMETHYL PHOSPHATE see: TC3850000
CROTONAMIDE, 3-HYDROXY-N-N-DIMETHYL-, DIMETHYL PHOSPHATE, cis- see: TC3850000
CROTONAMIDE, 3-HYDROXY-N-N-DIMETHYL-, DIMETHYL PHOSPHATE, (E)- see: TC3850000
CROTONAMIDE, 3-HYDROXY-N-METHYL-, DIMETHYLPHOSPHATE, cis- see: TC4375000
CROTONAMIDE, 3-HYDROXY-N-METHYL-, DIMETHYL PHOSPHATE, (E)- see: TC4375000

GQ2454000 CROTONANILIDE, N-(2-(DIETHYLAMINO)ETHYL)-2',6'-DIMETHYL-
UPDT:8406 CAS: 20682-53-5 MW: 288.48 MOLFM: C18-H28-N2-O
SYN: N-(2-(DIETHYLAMINO)ETHYL)-2',6-DIMETHYLCROTONANILIDE * SA 119
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:126 mg/kg APFRAD 40,231,82
CROTONATE DE 2,4-DINITRO 6-(1-METHYL-HEPTYL)-PHENYLE (French) see: GQ5775000
CROTONATE D'ETHYLE (French) see: GQ3500000

GQ2610000 CROTON BONPLANDIANUM Baill., extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30H02 ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

GQ2612000 CROTON CAUDATUS Geisel, extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: NAMBHANTUR EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:625 mg/kg IJEBA6 7,250,69

GQ2620000 CROTON CAUDATUS Geisel, fruit extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
3H02M10U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

GQ2800000 CROTONIC ACID
UPDT:8407 CAS: 3724-65-0 MW: 86.10 MOLFM: C4-H6-O2
SYN: ACRYLIC ACID, 3-METHYL- * alpha-BUTENOIC ACID * 2-BUTENOIC ACID (9CI) * CROTONIC ACID (DOT) * alpha-CROTONIC ACID * beta-METHYLACRYLIC ACID * 3-METHYLACRYLIC ACID * SOLID CROTONIC ACID * UN 2823 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 26,269,44
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg JIHTAB 26,269,44
ipr-rat LD50:100 mg/kg 34ZIAG -,190,69

BEST COPY AVAILABLE

orl-mus LD50:4800 mg/kg — BIJOAK 34,1196,40
ipr-mus LD50:3590 mg/kg — JPPMAB 21,85,69
scu-mus LD50:3590 mg/kg — JPPMAB 21,85,69
* skn-gpg LD50:616 mg/kg — JIHTAB 26,269,44
ipr-gpg LD50:60 mg/kg — 34ZIAG -,190,69

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

alpha-CROTONIC ACID see: GQ2800000

CROTONIC ACID, 2-BENZAMIDO-3-METHYLTHIO- see: MR8165000

GQ3050000 CROTONIC ACID, 3-BENZYL-

UPDT:8303 — MW: 176.23 — MOLFM: C11-H12-O2
SYN: 3-BENZYLCROTONIC ACID

TOXICITY DATA AND REFERENCES:
* unk-mus LD50:800 mg/kg — FRPSAX 16,23,61

CROTONIC ACID 2,4-DINITRO-6-(1-METHYLHEPTYL)PHENYL ESTER see: GQ5775000 CROTONIC ACID, 2-(1METHYLHEPTYL)-4,6-DINITROPHENYL ESTER

CROTONIC ACID 2,4-DINITRO-6-(2-OCTYL)PHENYL ESTER see: GQ5775000 CROTONIC ACID, 2-(1-METHYLHEPTYL)-4,6-DINITROPHENYL ESTER

CROTONIC ACID (DOT) see: GQ2800000

GQ3458500 CROTONIC ACID, 3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY)-, ISOPROPYL ESTER

UPDT:8305 — MW: 281.34 — MOLFM: C10-H20-N-O4-P-S
SYN: ISOPROPYL 3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY)CROTONIC ACID

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:94200 ug/kg — IYKEDH 13,1128,82
* scu-rat LD50:140 mg/kg — IYKEDH 13,1128,82
* unk-rat LD50:564 mg/kg — IYKEDH 13,1128,82
* orl-mus LD50:62400 ug/kg — IYKEDH 13,1128,82
* scu-mus LD50:117 mg/kg — IYKEDH 13,1128,82
* unk-mus LD50:206 mg/kg — IYKEDH 13,1128,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GQ3500000 CROTONIC ACID, ETHYL ESTER, (E)-

UPDT:8407 — CAS: 623-70-1 — MW: 114.16 — MOLFM: C6-H10-O2
SYN: 2-BUTENOIC ACID, ETHYL ESTER, (E)- (9CI) * trans-2-BUTENOIC ACID ETHYL ESTER * CROTONATE D'ETHYLE (French) * alpha-CROTONIC ACID ETHYL ESTER * ETHYLCROTONATE * ETHYL (E)-CROTONATE * ETHYL trans-CROTONATE * ETHYL CROTONATE (DOT) * UN 1862 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open — JIHTAB 26,269,44
eye-rbt 5 mg SEV — AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg — JIHTAB 26,269,44

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

alpha-CROTONIC ACID ETHYL ESTER see: GQ3500000

GQ3550000 CROTONIC ACID, 4-(2'-FLUORO-4-BIPHENYLYL)-4-HYDROXY-

UPDT:8402 — MW: 272.29 — MOLFM: C16-H13-F-O3
SYN: 4-(2'-FLUORO 4-BIPHENYLYL)-4-HYDROXYCROTONIC ACID * 4-(4-(2'-FLUORBIPHENYLYL))-4-HYDROXYCROTONSAEURE (German) * SH 766

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:714 mg/kg — ARZNAD 28,1977,78

CROTONIC ACID, GERANIOL ESTER see: RG5925500

GQ4222000 CROTONIC ACID, HEXYL ESTER

UPDT:8401 — CAS: 19089-92-0 — MW: 170.28 — MOLFM: C10-H18-O2
SYN: 2-BUTENOIC ACID, HEXYL ESTER * HEXYL 2-BUTENOATE * n-HEXYL 2-BUTENOATE * HEXYL CROTONATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTOD7 20(Suppl),715,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GQ4230000 CROTONIC ACID, 3-HYDROXY-, BENZYL ESTER, DIETHYL PHOSPHATE

UPDT:8309 — CAS: 63992-57-4 — MW: 328.33 — MOLFM: C15-H21-O6-P
SYN: 2-BUTENOIC ACID, 3-((DIETHOXYPHOSPHINYL)OXY)-, PHENYLMETHYL ESTER * ENT 25,628 * PHENYLMETHYL 3-((DIETHOXYPHOSPHINYL)OXY)-2-BUTENOATE * SD 4893 * SHELL SD-4893

TOXICITY DATA AND REFERENCES:
orl-mus LD50:33 mg/kg — ARSIM* 20,18,66

GQ4280000 CROTONIC ACID, 3-HYDROXY-, BENZYL ESTER, METHYL PHENYL PHOSPHATE

UPDT:8309 — CAS: 63992-58-5 — MW: 362.34 — MOLFM: C18-H19-O6-P
SYN: 2-BUTENOIC ACID, 3-((METHOXYPHENOXYPHOSPHINYL)OXY), PHENYLMETHYL ESTER * ENT 25,632 * PHENYLMETHYL 3-((METHOXYPHENOXYPHOSPHINYL)OXY)-2-BUTENOATE * SD 6097 * SHELL SD-6097

TOXICITY DATA AND REFERENCES:
orl-mus LD50:88 mg/kg — ARSIM* 20,19,66

CROTONIC ACID, 3-HYDROXY-, p-CHLOROBENZYL ESTER, DIETHYL PHOSPHATE see: TB8540000

GQ4350000 CROTONIC ACID, 3-HYDROXY-, o-CHLOROBENZYL ESTER, DIMETHYL PHOSPHATE

UPDT:8309 — CAS: 64011-78-5 — MW: 334.71 — MOLFM: C13-H16-Cl-O6-P
SYN: 2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, (2-CHLOROPHENYL)METHYL ESTER * (2-CHLOROPHENYL)METHYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE * ENT 25,626 * SD 4442 * SHELL SD-4442

TOXICITY DATA AND REFERENCES:
orl-mus LD50:77 mg/kg — ARSIM* 20,18,66

GQ4375000 CROTONIC ACID, 3-HYDROXY-, p-CHLOROBENZYL ESTER, DIMETHYL PHOSPHATE

UPDT:8307 — CAS: 3309-77-1 — MW: 334.71 — MOLFM: C13-H16-Cl-O6-P
SYN: BAS 4239 * BENZYL ALCOHOL, p-CHLORO-, 3-HYDROXYCROTONATE, DIMETHYL PHOSPHATE * 2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, (4-CHLOROPHENYL)METHYL ESTER (9CI) * p-CHLOROBENZYL-3-HYDROXYCROTONATE DIMETHYL PHOSPHATE * 1-(p-CHLOROBENZYLOXYCARBONYL)-1-PROPEN-2-YL-DIMETHYLPHOSPHATE * DIMETHYL PHOSPHATE 3-HYDROXY-CROTONIC ACID, p-CHLOROBENZYL ESTER * ENT 24716 * PHOSPHORIC ACID, DIMETHYL ESTER, ester with p-CHLOROBENZYL-3-HYDROXYCROTONATE * SD 4,239 * SHELL SD 4,239

TOXICITY DATA AND REFERENCES:
orl-rat LD50:139 mg/kg — 28ZEAL 4,98,69
orl-mus LD50:212 mg/kg — 28ZEAL 4,98,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GQ4430000 CROTONIC ACID, 3-HYDROXY-, CYCLOHEXYL ESTER, DIMETHYL PHOSPHATE

UPDT:8309 — CAS: 64011-80-9 — MW: 292.30 — MOLFM: C12-H21-O6-P
SYN: 2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, CYCLOHEXYL ESTER * CYCLOHEXYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE * ENT 25,624 * SD 3945 * SHELL SD-3945

TOXICITY DATA AND REFERENCES:
orl-mus LD50:44 mg/kg — ARSIM* 20,18,66

GQ4460000 CROTONIC ACID, 3-HYDROXY-, CYCLOHEXYLMETHYL ESTER, DIMETHYL PHOSPHATE

UPDT:8309 — CAS: 64011-81-0 — MW: 306.33 — MOLFM: C13-H23-O6-P
SYN: 2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, CYCLOHEXYLMETHYL ESTER * CYCLOHEXYLMETHYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE * ENT 25,625 * SD 4281 * SHELL SD-4281

TOXICITY DATA AND REFERENCES:
orl-mus LD50:29 mg/kg — ARSIM* 20,18,66

GQ4490000 CROTONIC ACID, 3-HYDROXY-, DECYL ESTER, DIMETHYL PHOSPHATE

UPDT:8309 — CAS: 64011-82-1 — MW: 350.44 — MOLFM: C16-H31-O6-P
SYN: 2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, DECYL ESTER * DECYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE * ENT 25,694 * SD 6162 * SHELL SD-6162

TOXICITY DATA AND REFERENCES:
orl-mus LD50:176 mg/kg — ARSIM* 20,19,66

GQ4520000 CROTONIC ACID, 3-HYDROXY-, 3,4-DIMETHYLBENZYL ESTER, DIMETHYL PHOSPHATE

UPDT:8309 — CAS: 64011-83-2 — MW: 328.33 — MOLFM: C15-H21-O6-P
SYN: 2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, (3,4-DIMETHYLPHENYL)METHYL ESTER * (3,4-DIMETHYLPHENYL)METHYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE * ENT 25,745 * SD 7319 * SHELL SD-7319

TOXICITY DATA AND REFERENCES:
orl-mus LD50:77 mg/kg — ARSIM* 20,19,66

GQ4750000 CROTONIC ACID, 3-HYDROXY-, ISOPROPYL ESTER, ESTER with ETHYL METHYLPHOSPHORAMIDOTHIOATE, (E)-

UPDT:8403 — CAS: 58995-37-2 — MW: 281.34 — MOLFM: C10-H20-N-O4-P-S
SYN: BIOTIC * 2-BUTENOIC ACID, 3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY)-, ISOPROPYL ESTER * 2-BUTENOIC ACID, 3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY)-, 1-METHYLETHYL ESTER, (E)- * ENT 27989 * 3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY)-ISOPROPYL-1-BUTENOATE * (E)-O-2-ISOPROPOXY-CARBONYL-1-METHYLVINYL O-METHYL ETHYLPHOSPHORAMIDOTHIOATE * O-(1-ISOPROPOXYCARBONYL-1-PROPEN-2-YL)-O-METHYL N-ETHYL-PHOSPHORAMIDOTHIONATE * (E)-1-METHYLETHYL 3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY)-2-BUTENOATE * 1-METHYLETHYL (E)-3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY)-2-BUTENOATE * PROPETAMPHOS * SAFROTIN * SAN 52139 * SANDOZ 52139 * SAN 52 139 I * VEL 4283 (OBS.)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:75 mg/kg — 85ARAE 1,118,77
* skn-rat LD50:2300 mg/kg — FMCHA2 -,C197,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GQ5075000 CROTONIC ACID, 3-HYDROXY-, alpha-METHYLBENZYL ESTER, DIMETHYL PHOSPHATE, (E)-

UPDT:8408 — CAS: 7700-17-6 — MW: 314.30 — MOLFM: C14-H19-O6-P
SYN: 2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, 1-PHENYLETHYL ESTER, (E)- (9CI) * CIODRIN * CIOVAP * CROTOXYPHOS * CYODRIN * CYPONA E.C. * O,O-DIMETHYL O-(1-METHYL-2-CARBOXY alpha-PHENYLETHYL)-VINYL PHOSPHATE * DECROTOX * DIMETHYL cis-1-METHYL-2-(1-PHENYLETHOXYCARBONYL)VINYL PHOSPHATE * DIMETHYL PHOSPHATE of alpha-METHYLBENZYL 3-HYDROXY-cis-CROTONATE * DUO-KILL * DURAVOS * ENT 24,717 * 1-METHYLBENZYL 3-(DIMETHOXYPHOSPHINYLOXY)-ISOCROTONATE * alpha-METHYL BENZYL 3-(DIMETHOXY-PHOSPHINYLOXY)-cis-CROTONATE * alpha-METHYLBENZYL 3-HYDROXYCROTONATE DIMETHYL PHOSPHATE * PANTOZOL L * cis-2-(1-PHENYLETHOXY)CARBONYL-1-METHYLVINYL DIMETHYLPHOSPHATE * SD 4294 * SHELL SD 4294 * VOLFAZOL

MUTATION DATA AND REFERENCES:
mma-smc 5000 ppm — NTIS** PB80-133226
mrc-smc 500 ppm — NTIS** PB84-138973
msc-mus-lym 180 mg/L — NTIS** PB84-138973

TOXICITY DATA AND REFERENCES:
orl-rat LD50:74 mg/kg — WRPCA2 9,119,70
skn-rat LD50:202 mg/kg — WRPCA2 9,119,70
scu-rat LD50:47 mg/kg — BJPCBM 40,124,70
orl-mus LD50:90 mg/kg — PCOC** -,244,66
ipr-mus LD50:71 mg/kg — JPPMAB 19,612,67
scu-mus LD50:15 mg/kg — JPPMAB 19,612,67
ivn-mus LD50:4500 ug/kg — JPPMAB 19,612,67
* unk-mus LD50:40 mg/kg — TGANAK 16(1),45,82
skn-rbt LD50:385 mg/kg — PCOC** -,244,66
orl-ckn LD50:111 mg/kg — TXAPA9 7,606,65
unk-mam LD50:125 mg/kg — 30ZDA9 -,313,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; RREVAH 46,1,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GQ5250000 CROTONIC ACID, 3-HYDROXY-, METHYL ESTER, DIMETHYL PHOSPHATE, (E)-

UPDT:8404 — CAS: 7786-34-7 — MW: 224.17 — MOLFM: C7-H13-O6-P
SYN: APAVINPHOS * 2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, METHYL ESTER (9CI) * 2-CARBOMETHOXY-1-METHYLVINYL DIMETHYL PHOSPHATE * alpha-2-CARBOMETHOXY-1-METHYLVINYL DIMETHYL PHOSPHATE * 2-CARBOMETHOXY-1-PROPEN-2-YL DIMETHYL PHOSPHATE * CMDP * COMPOUND 2046 * 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOIC ACID METHYL ESTER * O,O-DIMETHYL O-(2-CARBOMETHOXY-1-METHYLVINYL) PHOSPHATE * DIMETHYL-1-CARBOMETHOXY-1-PROPEN-2-YL PHOSPHATE * DIMETHYL 2-METHOXYCARBONYL-1-METHYLVINYL PHOSPHATE * DIMETHYL METHOXYCARBONYLPROPENYL PHOSPHATE * DIMETHYL (1-METHOXYCARBOXYPROPEN-2-YL)PHOSPHATE * O,O-DIMETHYL O-(1-METHYL-2-CARBOXYVINYL) PHOSPHATE * DIMETHYL PHOSPHATE of METHYL 3-HYDROXY cis-CROTONATE * DURAPHOS * ENT 22,374 * FOSDRIN * GESFID * GESTID * 3-HYDROXYCROTONIC ACID METHYL ESTER DIMETHYL PHOSPHATE * MENIPHOS * MENITE * (2-METHOXYCARBONYL 1-METHYL VINYL) DIMETHYL FOSFAAT (Dutch) * (2-METHOXYCARBONYL 1-METHYL VINYL) DIMETHYL PHOSPHAT (German) * 2-METHOXYCARBONYL-1-METHYLVINYL DIMETHYL PHOSPHATE * cis-2-METHOXYCARBONYL-1-METHYLVINYL DIMETHYLPHOSPHATE * 1-METHOXYCARBONYL-1 PROPEN-2-YL DIMETHYL PHOSPHATE * METHYL 3-(DIMETHOXYPHOSPHINYLOXY)-CROTONATE * (2-METOSSICARBONIL-1 METIL VINIL) DIMETIL FOSFATO (Italian) * MEVINFOS (Dutch) * MEVINPHOS * MEVINPHOS (DOT) * NA 2783 (DOT) * OS 2046 * PD 5 * PHOSDRIN * cis-PHOSDRIN * PHOSFENE * PHOSPHATE OF DIMETHYLE ET DE 2-METHOXYCARBONYL-1 METHYLVINYLE (French) * PHOSPHORIC ACID DIMETHYL ESTER, ester with METHYL 3-HYDROXYCROTONATE * PHOSPHORIC ACID (1-METHOXYCARBOXYPROPEN-2-YL) DIMETHYL ESTER

TOXICITY DATA AND REFERENCES:
1C16 orl-man TDLo:690 ug/kg/28D-I — TXAPA9 42,351,77
* orl-rat LD50:3 mg/kg — DOEAAH 35,27,79
3F11J15K01 ihl-rat LC50:14 ppm/1H — AMIHBC 9,45,54
skn-rat LD50:4200 ug/kg — TXAPA9 2,88,60
ipr-rat LD50:890 ug/kg — PSEBAA 114,509,63
scu-rat LD50:1211 ug/kg — BJPCBM 40,124,70
3K01F11J25 orl-mus LD50:4 mg/kg — AMIHBC 9,45,54
1Y01 skn-mus LD50:12 mg/kg — JTEHD6 9,491,82
ipr-mus LD50:3 mg/kg — PSEBAA 129,699,68
scu-mus LD50:1180 ug/kg — JPPMAB 19,612,67
ivn-mus LD50:680 ug/kg — JPPMAB 19,612,67
skn-rbt LD50:4700 ug/kg — GUCHAZ 6,353,73
orl-ckn LD50:7520 ug/kg — TXAPA9 3,521,61
ipr-grb LD50:450 ug/kg — TXAPA9 36,195,76
* orl-dck LD50:4600 ug/kg — DOEAAH 35,27,79
skn-dck LD50:11 mg/kg — TXAPA9 47,451,79
orl-bwd LD50:3 mg/kg — TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; AQMOAC #73-19 1973; RREVAH 46,1,73; DTTIAF 80(20),485,73; RREVAH 63,1,76

★ TLV-TWA 10 ppb; STEL 30 ppb (skin) — DTLVS* 4,335,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air,TWA 100 ug/m3 (skin) (SCP-T) — FEREAC 39,23540,74

★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed' see: METHOD 2503

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GQ5280000 CROTONIC ACID, 3-HYDROXY-, alpha-METHYL-m-NITROBENZYL ESTER, DIMETHYL PHOSPHATE
UPDT:8309 CAS: 6401-86-5 MW: 359.30 MOLFM: C14-H18-N-O8-P
SYN: 2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, 1-(3-NITROPHENYL)ETHYL ESTER * ENT 25,746 * 1-(3-NITROPHENYL)ETHYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE * SD 6838 * SHELL SD-6838

TOXICITY DATA AND REFERENCES:
orl-mus LD50:15 mg/kg ARSIM* 20,19,66

GQ5290000 CROTONIC ACID, 3-HYDROXY-, 2-METHYL-5-NITROBENZYL ESTER, DIMETHYL PHOSPHATE
UPDT:8309 CAS: 64011-87-6 MW: 359.30 MOLFM: C14-H18-N-O8-P
SYN: 2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, (2-METHYL-5-NITROPHENYL)METHYL ESTER * ENT 25,747 * (2-METHYL-5-NITROPHENYL)METHYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE * SD 6931 * SHELL SD-6931

TOXICITY DATA AND REFERENCES:
orl-mus LD50:40 mg/kg ARSIM* 20,19,66

GQ5300000 CROTONIC ACID, 3-HYDROXY-, m-NITROBENZYL ESTER, DIMETHYL PHOSPHATE (ESTER)
UPDT:8308 CAS: 3734-58-5 MW: 345.27 MOLFM: C13-H16-N-O8-P
SYN: 2-BUTENOIC ACID, 3-((DIMETHOXYPHOSPHINYL)OXY)-, (3-NITROPHENYL)METHYL ESTER (9CI) * ENT 25,578 * SD 5539 * SHELL SD-5539

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:29 mg/kg ARSIM* 20,19,66

CROTONIC ACID, 4-HYDROXY-4-PHENYL-, gamma-LACTONE see: LU5165000

GQ5425000 CROTONIC ACID, 3-METHYL-
UPDT:8307 CAS: 541-47-9 MW: 100.13 MOLFM: C5-H8-O2
SYN: 2-BUTENOIC ACID, 3-METHYL- (9CI) * beta,beta-DIMETHACRYLIC ACID * beta,beta-DIMETHYLACRYLIC ACID * 3,3-DIMETHYLACRYLIC ACID * 3-METHYL-2-BUTENOIC ACID * beta-METHYLCROTONIC ACID * 3-METHYLCROTONIC ACID * SENECIOIC ACID

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 8/23/67
eye-rbt 1 mg SEV UCDS** 8/23/67

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3560 mg/kg TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GQ5430000 CROTONIC ACID, 2-METHYL-, (E)-
UPDT:8401 CAS: 80-59-1 MW: 100.13 MOLFM: C5-H8-O2
SYN: 2-BUTENOIC ACID, 2-METHYL-, (E)- (9CI) * CEVADIC ACID * (E)-2,3-DIMETHYLACRYLIC ACID * trans-alpha,beta-DIMETHYLACRYLIC ACID * trans-2,3-DIMETHYLACRYLIC ACID * trans-2-METHYL-2-BUTENOIC ACID * (E)-2-METHYLCROTONIC ACID * trans-2-METHYLCROTONIC ACID * TIGLIC ACID * TIGLINIC ACID

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 20(Suppl),837,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GQ5600000 CROTONIC ACID, 3-METHYL-, 2-sec-BUTYL-4,6-DINITROPHENYL ESTER
UPDT:8403 CAS: 485-31-4 MW: 322.35 MOLFM: C15-H18-N2-O6
SYN: ACRICID * AMBOX * BINAPACRYL * 2-BUTENOIC ACID, 3-METHYL-, 2-(1-METHYLPROPYL)-4,6-DINITROPHENYL ESTER (9CI) * 2-sec-BUTYL-4,6-DINITROPHENYL 3,3-DIMETHYLACRYLATE * 2-sec-BUTYL-4,6-DINITROPHENYL 3-METHYL-2-BUTENOATE * 2-sec-BUTYL-4,6-DINITROPHENYL 3-METHYLCROTONATE * 2-sec-BUTYL-4,6-DINITROPHENYL SENECIOATE * DAPACRYL * 3,3-DIMETHYL ACRYLATE DE 2,4-DINITRO-6-(1-METHYLPROPYLE) PHENYLE (French) * 3,3-DIMETHYLACRYLIC ACID 2-sec-BUTYL-4,6-DINITROPHENYL ESTER * DINAPACRYL * 4,6-DINITRO-2-sec-BUTYLPHENYL beta,beta-DIMETHYLACRYLATE * 2,4-DINITRO-6-sec-BUTYLPHENYL 2-METHYLCROTONATE * 4,6-DINITROPHENYL-2-sec-BUTYL-3-METHYL-2-BUTENONOATE * DINOSEB, 3,3-DIMETHYLACRYL ESTER * DINOSEB METHACRYLATE * ENDOSAN * ENT 25,793 * FMC 9044 * HOE 2784 * 3-METHYL-2-BUTENOIC ACID 2-sec-BUTYL 4,6-DINITROPHENYL ESTER * HOE 2784 OA * 3-METHYL-2-BUTENOIC ACID 2-(1-METHYLPROPYL)-4,6-DINITROPHENYL ESTER * 3-METHYLCROTONIC ACID 2-sec-BUTYL-4,6-DINITROPHENYL ESTER * (5-(1-METHYL-PROPYL)-2,4-DINITRO-FENYL)-3,3-DIMETHYL ACRYLAAT (Dutch) * 2-(1-METHYLPROPYL)-4,6-DINITROPHENYL beta,beta-DIMETHACRYLATE * 16-(1-METHYL PROPYL)-2,4-DINITRO-PHENYL)-3,3-DIMETHYL-CRYLAT (German) * 16-(1-METIL PROPIL) 2,4-DINITRO-FENIL) 3,3-DIMETIL ACRILATO (Italian) * MORROCIDE * MORROCID * NIA 9044 * NIAGARA 9044 * PHENOL, 2-sec-BUTYL-4,6-DINITRO-, 3-METHYLCROTONATE * SENECIOIC ACID 2-sec BUTYL 4,6-DINITROPHENYL ESTER

MUTATION DATA AND REFERENCES:
.mmo-sat 5 mg/plate MURCAV 116,185,83

TOXICITY DATA AND REFERENCES:
orl-rat LD50:58 mg/kg TXAPA9 14,515,69
skn-rat LD50:720 mg/kg WRPCA2 9,119,70
orl-mus LD50:1600 mg/kg TXAPA9 7,353,65
orl-dog LD50:50 mg/kg GUCHAZ 6,42,73
skn-rbt LD50:750 mg/kg GUCHAZ 6,42,73
orl-gpg LD50:200 mg/kg TXAPA9 7,353,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GQ5710000 CROTONIC ACID, METHYL ESTER, (E)-
UPDT:8305 CAS: 623-43-8 MW: 100.13 MOLFM: C5-H8-O2
SYN: trans-2-BUTENOIC ACID METHYL ESTER * (E)-CROTONIC ACID METHYL ESTER * METHYL trans-2-BUTENOATE * METHYL CROTONATE * METHYL alpha-CROTONATE * METHYL E-CROTONATE * METHYL trans-CROTONATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,865,79

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg FCTXAV 17,865,79
* skn-gpg LD50:10 gm/kg FCTXAV 17,865,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
(E)-CROTONIC ACID METHYL ESTER see: GQ5710000

GQ5775000 CROTONIC ACID, 2-(1-METHYLHEPTYL)-4,6-DINITROPHENYL ESTER
UPDT:8408 CAS: 6119-92-2 MW: 364.44 MOLFM: C18-H24-N2-O6
SYN: ARATHANE * 2-BUTENOIC ACID, 2-(1-METHYLHEPTYL)-4,6-DINITROPHENYL ESTER (9CI) * CAPRANE * CAPRYLDINITROPHENYL CROTONATE * 2-CAPRYL-4,6-DINITROPHENYL CROTONATE * CR 1639 * CROTONATE DE 2,4-DINITRO 6-(1-METHYL HEPTYL) PHENEYLE (French) * CROTONIC ACID 2,4-DINITRO 6-(1-METHYLHEPTYL)PHENYL ESTER * CROTONIC ACID 2,4-DINITRO-6-(2 OCTYL)PHENYL ESTER * CROTOTHANE * 4,6-DINITRO-2-CAPRYLPHENYL CROTONATE * 4,6-DINITRO-2-(2-CAPRYL)PHENYL CROTONATE * DINITRO(1-METHYLHEPTYL)PHENYL CROTONATE * 4,6-DINITRO-2-(1-METHYLHEPTYL)PHENYL CROTONATE * 2,4-DINITRO-6-(1-METHYLHEPTYL)PHENYL CROTONATE * 2,4-DINITRO-6-(2-OCTYL)PHENYL CROTONATE * DINOCAP * DINOKAP * DINOCP * DINOPC * DPC * ENT 24727 * ISCOTHAN * ISCOTHANE * KARATHANE * KARATHANE WD * KARATHENE * (6-(1-METHYL HEPTYL)-2,4-DINITRO-FENYL)-CROTONAAT (Dutch) * (6-(1-METHYL-HEPTYL) 2,3-DINITRO-PHENYL) CROTONAT (German) * 2-(1-METHYLHEPTYL)-4,6-DINITROPHENYL CROTONATE * (6-(1-METIL EPTIL) 2,4-DINITRO-FENIL) CROTONATO (Italian) * MILDEX * PHENOL, 2-(1-METHYLHEPTYL)-4,6-DINITRO-, CROTONATE (ester)

MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate MUREAV 116,185,83
mmo-smc 5 ppm RSTUDV 6,161,76

TUMORIGENIC DATA AND REFERENCES:
2V02P60 scu-mus TDLo:10 mg/kg NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
orl-rat LC50:980 mg/kg PCOC** -,636,66
* ivn-rat LD50:23 mg/kg AIPTAK 119,31,59
* orl-mus LD50:8820 mg/kg GISAAA 42(3),99,77
orl-dog LD50:100 mg/kg SPEADM 78-1,25,78
orl-rbt LD50:2000 mg/kg SPEADM 78-1,25,78
skn-rbt LD50:9400 mg/kg SPEADM 74-1,-,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GQ5780000 CROTONIC ACID, 2-METHYL-, HEXYL ESTER, (E)-
UPDT:8305 CAS: 16930-96-4 MW: 184.31 MOLFM: C11-H20-O2
SYN: 2-BUTENOIC ACID, 2-METHYL-, HEXYL ESTER, (E)- * ENT 33335 * n-HEXYL trans-2-METHYL-2-BUTENOATE * HEXYL TIGLATE * n-HEXYL TIGLINATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,779,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GQ5785000 CROTONIC ACID, 3-METHYL-2-PHENYL-
UPDT:8303 CAS: 4412-08-2 MW: 176.23 MOLFM: C11-H12-O2
SYN: 3-METHYL-2 PHENYL-CROTONIC ACID

TOXICITY DATA AND REFERENCES:
* unk-mus LD50:1700 mg/kg FRPSAX 16,23,61

CROTONIC ACID, 4,4'-OXYBIS(2,3-DICHLORO-4-HYDROXY-, DI-gamma-LACTONE see: LU5160000

GQ5805000 CROTONIC ACID, 1,4-PIPERAZINYLENEDIETHYLENE ESTER, DIHYDROCHLORIDE
UPDT:8312 MW: 383.36 MOLFM: C16-H26-N2-O4 2Cl-H
SYN: 1,4-PIPERAZINEDIETHANOL DICROTONATE (ester), DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F17F18F29 ipr-mus LD50:120 mg/kg JPMSAE 55,290,66

GQ5850000 CROTONIC ACID, VINYL ESTER
UPDT:8407 CAS: 14861-06-4 MW: 112.14 MOLFM: C6-H8-O2
SYN: 2-BUTENOIC ACID, ETHENYL ESTER * VINYL 2-BUTENOATE * VINYL CROTONATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open A-LD UCDS** 11/15/71
eye-rbt 500 mg open AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
orl-rat LD50:6500 mg/kg UCDS** 11/15/71
* ihl-rat LCLo:4000 ppm/4H AMIHBC 10,61,54

CROTONIC ALDEHYDE see: GP9625000
CROTONIC ALDEHYDE see: GP9499000

GQ6140000 CROTON JOUERA, wood extract
UPDT:8307

TOXICITY DATA AND REFERENCES:
1K12 ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

GQ6145000 CROTON LINEARIS Jacq., leaf and stem extract
DEF:Jamaican plant belonging to the family EUPHORBIACEAE (JPPMAB 14,556,62)
UPDT:8405

TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

GQ6150000 CROTON OBLONGIFOLIUS Roxb., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 9,91,71)
UPDT:8302

TOXICITY DATA AND REFERENCES:
2D35H30 ipr-mus LD50:250 mg/kg IJEBA6 9,91,71

CROTONOEL (German) see: GQ6300000

GQ6300000 CROTON OIL
UPDT:8408 CAS: 8001-28-3
SYN: CROTONOEL (German) * CROTON RESIN * CROTON TIGLIUM L. OIL * OILS, CROTON * OLEUM TIGLII * OLIO DI CROTON (Italian)

IRRITATION DATA AND REFERENCES:
skn-mus 190 ng MLD CNREA8 28,2338,68
skn-gpg 400 ug/20H JIDSAE 24,35,55

MUTATION DATA AND REFERENCES:
mma-sat 2500 ug/plate BJCAAI 37,873,78
dni-hmn:fbr 10 ppm CNREA8 35,1392,75
dni-hmn:lym 50 ppm BBRCA9 45,630,71

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:2 mg/kg/27W-I BJCAAI 7,482,53
3V03J60R60 skn-mus TD :285 mg/kg/42W-I BJCAAI 10,72,56
2V03R60 skn-mus TD :340 ug/kg/17W-I CNREA8 28,653,68
2V02R60 skn-mus TD :150 mg/kg/15W-I CNREA8 19,413,59
3V03R60V10 skn-mus TD :75 mg/kg/25W-I JNCIAM 39,1217,67
2V03R60 skn-mus TD :160 mg/kg/8W-I GANNA2 59,187,68
2V03R60 skn-mus TD :850 mg/kg/18W-I BJCAAI 7,472,53
2V03V10 skn-mus TD :120 mg/kg/3W-C ZEKBAI 65,325,63
3V03V10R60 skn-mus TD :5714 mg/kg/14W-I BJCAAI 11,206,57
3V03R60J60 skn-mus TD :540 mg/kg/45W-I IJCNAW 1,491,66

TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:1 mg/kg TXAPA9 23,288,72
* ipr-frg LD50:60 mg/kg ZEKBAI 65,325,63
* par-frg LD50:30 mg/kg ZEKBAI 65,325,63

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76; BLFSBY 24,253,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CROTON RESIN see: GQ6300000

GQ7200000 CROTON SCABIOSUS Bedd., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 12,512,74)
UPDT:8302

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 12,512,74

CROTON TIGLIUM L. OIL see: GQ6300000
CROTONYL ALCOHOL see: EM9275000

GQ7210000 CROTONYLENE (DOT)
UPDT:8308 CAS: 503-17-3 MW: 54.10 MOLFM: C4-H6
SYN: 2-BUTYNE (8CI,9CI) * DIMETHYLACETYLENE * UN 1144 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-CROTONYLOXYMETHYL-4R,5R,6R-4,5,6-TRIHYDROXYCYCLOHEX-2-ENONE see: GW7360000
CROTOTHANE see: GQ5775000

GQ7530000 CROTOXIN
UPDT:8408 CAS: 9007-40-3

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:230 ug/kg TOXIA6 22,85,84

CROTOXYPHOS see: GQ5075000
CROTURAL see: YT2800000
CROTYL ALCOHOL see: EM9275000
CRC'ARIL see: UQ8400000

BEST COPY AVAILABLE

12-CROWN-4 see: XF0550000
15-CROWN-5 see: SB0200000
CROYSULFONE see: BY8925000
CROYSULPHONE see: BY8925000
CRP-401 see: DL0310000
CRTRON see: KE1050000
CRUDE ARSENIC see: CG3325000
CRUDE COAL TAR see: GF8600000
CRUDE ERGOT see: KE5250000
CRUDE OIL see: SE7175000
CRUDE OIL, PETROLEUM (DOT) see: SE7175000
CRUDE OPIUM see: RL2345000
CRUDE PETROLEUM see: SE7175000
CRUDE PLATYCODIN see: TP2509500
CRUDE SHALE OILS see: VU6680000
CRUFOMAT see: TB3850000 PHOSPHORAMIDIC ACID, METHYL-, 4-tert-BUTYL-2-CHLOROPHENYL METHYLESTER
CRUFOMATE see: TB3850000
CRUFOMATE A see: TB3850000
CRUMERON, combustion products see: AT6975000
CRUSTECDYSON see: FZ8060000
CRUSTECDYSONE see: FZ8060000
CRYLOR, combustion products see: AT6975000
CRYOFLEX see: PA3400000
CRYOFLUORAN see: KI1101000
CRYOFLUORANE see: KI1101000
CRYOGENINE see: FD0575000
CRYOLITE see: WA9625000
CRYOPOLYTHENE see: TQ3325000
CRY-O-VAC L see: TQ3325000

GQ9120000 CRYPTOCARYA AMYGDALINA Nees, stem bark extract
DEF: Indian plant belonging to the family LAURACEAE (IJEBA6 12,512,74)
UPDT-8303
SYN: PATMARO STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
3H30M10U26 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

CRYPTOCILLIN see: XH9100000
CRYPTOGIL OIL see: SM6300000

GQ9450000 CRYPTOHALITE
UPDT-8403 CAS: 1309-32-6 MW: 178.19 MOLFN: F6-Si 2H4-N
SYN: AMMONIUM FLUOSILICATE * AMMONIUM HEXAFLUOROSILICATE * AMMONIUM SILICOFLUORIDE * AMMONIUM SILICOFLUORIDE (DOT) * DIAMMONIUM HEXAFLUOROSILICATE * DIAMMONIUM HEXAFLUOROSILICATE(2-) * FLUOSILICATE DE AMMONIUM (French) * UN 2854 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,27,53
orl-gpg LDLo:150 mg/kg 85ESA3 9,73,76
scu-frg LDLo:224 mg/kg CRSBAW 124,133,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:ORM-B; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

CRYPTOLEPINE HYDROCHLORIDE see: VA4267000

GQ9460000 CRYPTOLEPIS BUCHANANI Roem. & Schult., root and stem extract
DEF: Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 7,250,69)
UPDT-8302
SYN: KARANTA ROOT and STEM EXTRACT * KARANTA STEM and ROOT EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

GQ9465000 CRYPTOLEPIS ELEGANS Wall., extract excluding roots
DEF: Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 15,208,77)
UPDT-8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

GQ9470000 CRYPTOLEPIS GRANDIFLORA Wight, extract
DEF: Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 7,250,69)
UPDT-8302
SYN: MEDI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:875 mg/kg IJEBA6 7,250,69

CRYPTONOL see: VC8260000

GQ9647000 CRYPTOSTEGIA GRANDIFLORA R. Br., extract excluding roots
DEF: Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 15,208,77)
UPDT-8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

CRYSEL, combustion products see: AT6975000
CRYSTAL CHROME ALUM see: GB6845000
CRYSTALETS see: VH6825000
CRYSTALLINA see: KE1050000
CRYSTALLINE see: IH2275000
CRYSTALLINE DEHYDROXY SODIUM ALUMINUM, CARBONATE see: HE8550000
CRYSTALLINE DIGITALIN see: IH2275000
CRYSTALLINIC ACID see: CU9080000
CRYSTALLIZED VERDIGRIS see: AG3480000
CRYSTALLOSE see: DE4550000
CRYSTAL O see: FI4100000
CRYSTAL ORANGE 2G see: QJ6506000
CRYSTAL PROPANIL-4 see: UE4900000
CRYSTALS of VENUS see: AG3480000
CRYSTAL VIOLET see: BO9000000
CRYSTAL VIOLET A0 see: BO9000000
CRYSTAL VIOLET A0N see: BO9000000
CRYSTAL VIOLET 6B see: BO9000000
CRYSTAL VIOLET 10B see: BO9000000
CRYSTAL VIOLET BASE see: BO9000000
CRYSTAL VIOLET 5BO see: BO9000000
CRYSTAL VIOLET 6BO see: BO9000000
CRYSTAL VIOLET BP see: BO9000000
CRYSTAL VIOLET BPC see: BO9000000
CRYSTAL VIOLET CHLORIDE see: BO9000000
CRYSTAL VIOLET EXTRA PURE see: BO9000000
CRYSTAL VIOLET EXTRA PURE APN see: BO9000000
CRYSTAL VIOLET EXTRA PURE APNX see: BO9000000
CRYSTAL VIOLET FN see: BO9000000
CRYSTAL VIOLET HL2 see: BO9000000
CRYSTAL VIOLET O see: BO9000000
CRYSTAL VIOLET PURE DSC see: BO9000000
CRYSTAL VIOLET PURE DSC BRILLIANT see: BO9000000
CRYSTAL VIOLET SS see: BO9000000
CRYSTAL VIOLET TECHNICAL see: BO9000000
CRYSTAL VIOLET USP see: BO9000000
CRYSTAMET see: VV9275000
CRYSTAMIN see: GG3750000
CRYSTAPEN see: XH9700000
CRYSTAPEN see: XH9800000
CRYSTAR see: VO0700000
CRYSTEX see: WS4250000
CRYSTHION see: TD8400000
CRYSTHION 2L see: TE1925000
CRYSTHYON see: TE1925000
CRYSTICILLIN see: XH9450000
CRYSTODIGIN see: IH2275000
CRYSTOGEN see: KG8575000
CRYSTOIDS see: VH1575000
CRYSTOL CARBONATE see: VZ4050000
CRYSTOSERPINE see: ZG0350000
CRYSTOSOL see: PY8030000
CRYSTWEL see: GG3750000
CS see: OO3675000
CS-1 see: TU4650000
C-Se-9 see: JN8750000
CS 293 see: RQ2975000
CS 359 see: DJ3028000
CS 370 see: RQ5831350
CS-430 see: RQ5831500
CS-439 see: YR8450000
CS-460 see: WB7350000
CS-684 see: MM0330000
CS 708 see: TX3695000
CS-847 see: FD7700000
CS 1170 see: XI0372000
58-CS-52 see: TE4400000
60-CS-16 see: BP5250000
CS 645A see: TX3675000
CS 674A see: EJ4900000
CSAC see: KK8225000
CSC see: VX6615000
C. SCULPTURATUS VENOM see: YX4183570
CSF-GIFTWEIZEN see: XG6800000
CSP see: GL8900000
C.S. SCUTULATUS (CALIF) VENOM see: YX4340000
CS 1170 SODIUM see: XI0372200
C-3 SODIUM SALT see: MO8439000 HEXANOIC ACID, 6-(3,4,5-TRIMETHOXYBENZAMIDO)-, MONOSODIUMSALT
C. STRIATUS VENOM see: YX3980000
C 13437 SU see: UF6125000
C. SUFFUSUS SUFFUSUS VENOM see: YX4183580
CSV see: NH6737200
CT see: DK9450000
CT see: XI0388000
CT-1341 see: TU4157230
CT 3318 see: TN4698000
CT 3570 see: OB6398700
CTA see: KV0600000
CTAB see: BQ7875000
CTAP-III see: MT6425700
CTAP III see: GL1258000
CTAP-P(sub 2) see: MT6425800
CTC see: QH7750000
CTCP see: SN2030000
CTFE see: KV0525000
CTMAB see: BQ7875000
CTP see: HA3914000
5'-CTP see: HA3914000
CTR 6669 see: DD6500000
CTT see: XI0330800
CTX see: RP5950000
CTX see: XI0250000
CU-56 see: GL7020000
CUBE see: DJ2800000

GR7747000 CUBEB OIL
UPDT-8205 CAS: 8007-87-2
SYN: OIL OF CUBEB * OILS, CUBEB
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H PCTXAV 14,729,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CUBE EXTRACT see: DJ2800000
CUBE-PULVER see: DJ2800000
CUBE ROOT see: DJ2800000
CUPES see: KE4100000
CUBIC NITER see: WC5600000
CUBISOL see: AG6475000
CUBOR see: DJ2800000
CUCOLINE see: QD2170000

GR7842000 CUCUBALUS BACCIFERUS Linn., extract
DEF: Indian plant belonging to the family CARYOPHYLLACEAE (IJEBA6 16,228,78)
UPDT-8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

CUCUMBER ALCOHOL see: RA5394000
CUCUMBER ALDEHYDE see: RA5391800
CUCUMBER DUST see: CG0830000
CUCURBITACIN E see: RC6305500
CUCURBITACINE-E see: RC6305500
CUEMID see: FZ9310000
CUFRAM Z see: GR7903000

GR7903000 CUFRAMEB
UPDT-8309 CAS: 11096-18-7
SYN: CUFRAM Z * EMBATHANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2700 mg/kg FMCHA2 -,C65,83

CULLEN EARTH see: OP0915000
CULMINAL K 42 see: FJ5959000
CULPEN see: XH8670000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CUMA see: GN7875000
CUMACHLOOR (Dutch) see: GN4830000
CUMACHLOR see: NK5250000
CUMACHLOR (German) see: GN4830000
CUMADIN see: GN4725000
CUMAFOS (Dutch) see: GM6300000
CUMALDEHYDE see: CU7000000
CUMAN see: ZH0525000
CUMAN L see: ZH0525000
p-CUMARIC ACID see: GD0954000
CUMARIN see: GN4200000
CUMATETRALYL (German, Dutch) see: GN7630000
CUMEEN (Dutch) see: GR8575000
CUMENHYDROPEROXYDE (Dutch) see: MX2450000

C#7575000 CUMENE
UPDT:8412 CAS: 98-82-8 MW: 120.21 MOLFM: C9-H12
SYN: BENZENE, ISOPROPYL * BENZENE, (1-METHYLETHYL)- (9CI) * CUMEEN (Dutch) * CUMOL * 2-FENILPROPANO (Italian) * 2-FENYL-PROPAAN (Dutch) * ISOPROPYLBENZEEN (Dutch) * ISOPROPILBENZENE (Italian) * ISOPROPYL BENZENE * ISOPROPYLBENZENE (DOT) * ISOPROPYLBENZOL * ISOPROPYLBENZOL (German) * (1-METHYLETHYL)BENZENE * 2-PHENYLPROPANE * PROPANE, 2-PHENYL * RCRA WASTE NUMBER U055 * UN 1221 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AMIHBC 4,119,51
eye-rbt 86 mg MLD — AMIHAB 14,387,56

TOXICITY DATA AND REFERENCES:
3D07F25J30 ihl-hmn TCLo:200 ppm — YGNCDL 2,39,61
1KD5 orl-rat LD50:1400 mg/kg — AMIHAB 14,387,56
ihl-rat LC50:8000 ppm/4H — AMIHBC 4,119,51
* ihl-mus LC50:24700 mg/m3/2H — BSGMAT -,78,82
* skn-rbt LD50:12300 mg/kg — AMIHBC 4,119,51

REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm; STEL 75 ppm (skin) — DTLVS° 4,108,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm (skin) (SCP-C) — FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

psi-CUMENE see: DC3325000
CUMENE ALDEHYDE see: CY1460000
CUMENE HYDROPEROXIDE see: MX2450000
CUMENE HYDROPEROXIDE (DOT) see: MX2450000
CUMENE HYDROPEROXIDE, technically pure (DOT) see: MX2450000
CUMENE HYDROPEROXIDE mixed with beta-NAPHTHYLAMINE see: QM2826500
CUMENE, p-METHYL- see: GZ5950000
CUMENE PEROXIDE see: SD8150000
p-CUMENOL see: SL5950000
m-CUMENOL METHYLCARBAMATE see: FB7875000
CUMENT HYDROPEROXIDE see: MX2450000
p-(p-CUMENYLAZO)-N,N-DIMETHYLANILINE see: BX2275000
CUMENYL HYDROPEROXIDE see: MX2450000
3-,o-CUMENYL)-5-(m-MeTHOXYPHENYL)-s-TRIAZOLE see: XZ4508000
m-CUMENYL METHYLCARBAMATE see: FB7875000
2-p-CUMENYL-2-METHYL-1,3-DIOXOLANE-4-METHANOL see: JH9430000
trans-2-p-CUMENYL-2-METHYL-1,3-DIOXOLANE-4-METHANOL CARBAMATE see: JH9431000
2-p-CUMENYL-2-METHYL-1,3-OXATHIOLANE-5-METHANOL see: RP5463000
3-(o-CUMENYL)-5-PHENYL-s-TRIAZOLE see: XZ4509000
CUMIC ALCOHOL see: GZ7260000
CUMIC ALDEHYDE see: CU7000000
p-CUMIC ALDEHYDE see: CU7000000
CUMID see: GN7875000
o-CUMIDINE see: BY4200000
psi-CUMIDINE see: BZ0520000
CUMIDINE, 2,6-DINITRO-N,N-DIPROPYL- see: BX9286000
psi-CUMIDINE HYDROCHLORIDE see: BZ0875000
CUMINAL see: CU7000000
CUMINALDEHYDE see: CU7000000
CUMINIC ACETALDEHYDE see: AB2920000
CUMINIC ALCOHOL see: GZ7260000
CUMINIC ALDEHYDE see: CU7000000

GS1305000 CUMIN OIL
UPDT:8305 CAS: 8014-13-9
SYN: OILS, CUMIN

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 12,869,74

MUTATION DATA AND REFERENCES:
mma-sat 100 uL/plate — NUCADQ 1,10,79
bfa-rat/sat 2500 mg/kg — NUCADQ 1,10,79

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg — FCTXAV 12,869,74
* skn-rbt LD50:3560 mg/kg — FCTXAV 12,869,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CUMINOL see: GZ7260000

GS1340000 CUMINUM CYMINUM Linn., fruit extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 6,232,68)
UPDT:8307
SYN: JEERA FRUIT EXTRACT

TOXICITY DATA AND REFERENCES:
1M30 ipr-mus LD50:500 mg/kg — IJEBA6 6,232,68

GS1350000 CUMINUM CYMINUM, seed extract
UPDT:8408
SYN: JIRA, seed extract

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:700 mg/kg (1-7D preg) — IJMRAQ 64,1133,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CUMINYL ALCOHOL see: GZ7260000
CUMINYL ALDEHYDE see: CU7000000
CUMOL see: GR8575000
CUMOLHYDROPEROXID (German) see: MX2450000
CUMYL ACETALDEHYDE see: AB2920000
CUMYL ALCOHOL see: GZ7260000
alpha-CUMYL ALCOHOL see: DO4562000
CUMYL tert-BUTYL PEROXIDE see: SD8247000
CUMYL PEROXYNEODECANOATE, maximum concentration 77% in solution (DOT) see: SE0770000
p-(alpha-CUMYL)PHENOL see: SL1942450
CUMYL HYDROPEROXIDE see: MX2450000
alpha-CUMYL HYDROPEROXIDE see: MX2450000
CUMYL HYDROPEROXIDE, technical pure (DOT) see: MX2450000
CUMYL PEROXIDE see: SD8150000
CUMYL PEROXYPIVALATE (DOT) see: SE0965000
p-CUMYLPHENOL see: SL1942450
CUNILATE see: VC5250000
CUNILATE 2472 see: VC5250000
CUPFERON (Czech) see: NC4725000
CUPFERRON see: NC4725000
CUPPER OXIDE (Russian) see: GL8050000

GS2115000 CUPPESSUS TORULOSA D. Don, extract excluding roots
DEF:Indian plant belonging to the family CUPRESSACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: SIRANRANI EXTRACT

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg — IJEBA6 12,512,74

CUPRAL see: EZ6475000
CUPRAL 45 see: GL7020000
CUPRALENE see: DG0970000
CUPRALYLNATRIUM see: DG0970000
CUPRALYL SODIUM see: DG0970J00
CUPRAMAR see: GL7020000
CUPRAMAR see: GL8050000
CUPRAMER see: GL7020000
CUPRANTOL see: GL7020000

GS2168500 CUPRATE(2-), (((2-(BIS(2-CHLOROETHYL)AMINO)ETHYL)IMINO)DIACETATO)-, HYDRATE
UPDT:8311 MW: 380.74 MOLFM: C10-H16-Cl2-Cu-N2-O4 H2-O
SYN: (((2-(BIS(2-CHLOROETHYL)AMINO)ETHYL)IMINO)DIACETATO)CUPRATE(2-) HYDRATE * COPPER CHELATE of N,N-BIS(2-CHLOROETHYL)-N',N'-BIS(CARBOXYMETHYL)ETHYLENEDIAMINE HYDRATE

TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:30 mg/kg — CPBTAL 9,679,61

GS2168550 CUPRATE(2-), (((3-(BIS(3-CHLOROETHYL)AMINO)PROPYL)IMINO)DIACETATO)-, HYDROCHLORIDE
UPDT:8311 MW: 413.21 MOLFM: C11-H18-Cl2-Cu-N2-O4 Cl-H
SYN: (((3-(BIS(2-CHLOROETHYL)AMINO)PROPYL)IMINO)DIACETATO)CUPRATE(2-) HYDROCHLORIDE * COPPER SALT of N,N-BIS(2-CHLOROETHYL)-N',N'-BIS(2-CARBOXYMETHYL)TRIMETHYLENEDIAMINE HCl

TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:30 mg/kg — CPBTAL 9,679,61

GS2168900 CUPRATE(1-), DICYANO-, POTASSIUM
UPDT:8401 CAS: 13682-73-0 MW: 154.68 MOLFM: C2-Cu-N2-K
SYN: COPPER(I) POTASSIUM CYANIDE * CUPROUS POTASSIUM CYANIDE * POTASSIUM COPPER(I) CYANIDE * POTASSIUM CUPROCYANIDE (DOT) * POTASSIUM DICYANOCUPRATE(1-) * UN 1679 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GS2169000 CUPRATE(4-), (mu-((3,3'-((3,3'-DIHYDROXY(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(5-AMINO- 4-HYDROXY-2,7-NAPHTHALENEDISULFONATO))(8-))))DI-, TETRASODIUM
UPDT:8412 CAS: 28407-37-6 MW: 1087.82 MOLFM: C32-H16-Cu2-N6-O16-S4 4Na
SYN: AMANIL SUPRA BLUE 9GL * C.I. 24401 * C.I. DIRECT BLUE 218 * FASTUSOL BLUE 9GLP * NCI C60877 * PONTAMINE BOND BLUE B * PONTAMINE FAST BLUE 7GLN

MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate — VHTODE 22,413,80
mma-sat 125 ug/plate — VHTODE 22,413,80

STATUS:
NTP CARCINOGENESIS STUDIES, SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

GS2169050 CUPRATE(2-), (N,N-ETHYLENEBIS(N-(2-CHLOROETHYL)GLYCINATO))-, HYDRATE
UPDT:8311 MW: 380.74 MOLFM: C10-H16-Cl2-Cu-N2-O4 H2-O
SYN: COPPER CHELATE of N,N'-BIS(2-CHLOROETHYL)-N,N'-BIS(CARBOXYMETHYL)ETHYLENEDIAMINE HYDRATE * N,N-ETHYLENEBIS(N-(2-CHLOROETHYL)GLYCINATO)CUPRATE(2-) HYDRATE

TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:30 mg/kg — CPBTAL 9,679,61

GS2169100 CUPRATE(2-), ((ETHYLENEDINITRILO)TETRAACETATO)-, DISODIUM
UPDT:8311 CAS: 14025-15-1 MW: 397.76 MOLFM: C10-H12-Cu-N2-O8 2Na
SYN: DISODIUM CUPRIC EDTA * EDTA DISODIUM COPPER SALT * ((ETHYLENEDINITRILO)TETRAACETATO)CUPRATE(2-) DISODIUM

TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:75 mg/kg — CPBTAL 9,679,61

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GS2169400 CUPRATE(2-), TRIS(CYANO-C)-, DISODIUM
UPDT:8401 CAS: 14264-31-4 MW: 187.58 MOLFM: C3-Cu-N3 2Na
SYN: COPPER SODIUM CYANIDE * SODIUM CUPROCYANIDE, SOLID (DOT) * SODIUM CUPROCYANIDE SOLUTION (DOT) * UN 2316 (DOT) * UN 2317 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CUPRAVET see: GL7020000
CUPRAVIT see: GL7020000
CUPRAVIT BLAU see: GL7600000
CUPRAVIT BLUE see: GL7600000
CUPRAVIT FORTE see: GL7020000
CUPRAVIT GREEN see: GL7020000
CUPRELON see: DG0970000
CUPRENIL see: YV9425000
CUPREOL see: WJ2600000

GS2195700 CUPRESSUS FUNEBRIS Endl., extract excluding roots
DEF:Indian plant belonging to the family PINACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg — IJEBA6 15,208,77

CUPRIC ACETATE see: AG3480000
CUPRIC ACETATE (DOT) see: AG3480000
CUPRIC ACETATE MONOHYDRATE see: AG3500000
CUPRIC ACETOARSENITE see: GL6475000
CUPRIC ARSENITE see: CG3385000
CUPRIC CARBONATE see: GL6910000
CUPRIC CARBONATE, BASIC see: GL6910000
CUPRIC CHELATE of 2-N-HYDROXYFLUORENYLACETAMIDE see: AK9100000
CUPRIC CHLORIDE see: GL7000000
CUPRIC CITRATE see: GL7056000
CUPRIC CYANIDE see: GL7175000
CUPRIC CYANIDE (DOT) see: GL7175000

BEST COPY AVAILABLE

CUPRIC DIACETATE see: AG3480000
CUPRIC DINITRATE see: QU7400000
CUPRIC GREEN see: CG3385000
CUPRIC HYDROXIDE see: GL7600000
CUPRIC 8-HYDROXYQUINOLATE see: VC5250000
CUPRICIN see: GL7150000
CUPRIC NITRATE see: QU7400000
CUPRIC NITRATE (DOT) see: QU7400000
CUPRIC NITRATE TRIHYDRATE see: GL7875000
CUPRICOL see: GL7020000
CUPRIC OXALATE see: RO2670000
CUPRIC OXALATE (DOT) see: RO2670000
CUPRIC OXIDE CHLORIDE see: GL7020000
CUPRIC 8-QUINOLINOLATE see: VC5250000
CUPRIC SULFATE see: GL8800000
CUPRIC SULFATE, AMMONIATED (DOT) see: WS7130000
CUPRIC SULFATE ANHYDROUS see: GL8800000
CUPRIC SULFATE (DOT) see: GL8800000
CUPRIC SULFATE PENTAHYDRATE see: GL8900000
CUPRIC SULPHATE see: GL8800000
CUPRIC TARTRATE see: WW8039000
CUPRIC TARTRATE (DOT) see: WW8039000
CUPRIETHYLENE DIAMINE see: KH8660000
CUPRIETHYLENE-DIAMINE SOLUTION (DOT) see: KH8660000
CUPRIMINE see: YV9425000
CUPRINOL see: QK9100000
CUPRION see: DG0970000
CUPRITOX see: GL7020000
CUPROCIDE see: GL8050000
CUPROCITROL see: GL7056000
CUPROFIX BROWN GL see: GL7375000
CUPROKYLT see: GL7020000
CUPROL see: GL7020000
CUPROSANA see: GL7020000
CUPROSAN BLUE see: GL7020000
CUPROTHIOSINAMINE m-BENZOATE SODIUM see: DG0970000
CUPROUS CYANIDE see: GL7150000
CUPROUS OXIDE see: GL8050000
CUPROUS POTASSIUM CYANIDE see: GS2168900
CUPROVINOL see: GL7020000
CUPROX see: GL7020000
CUPROXOL see: GL7020000
CURACIT see: GA5250000
CURACRON see: TE6975000
CURALIN M see: CY1050000
CURAMIL see: TF2035000
CURANTYL see: KK7450000

GS3325000 CURARE
UPDT:8407 CAS: 8063-08-7
SYN: INTOCOSTRINE * OURARI * URARI * WOORALI * WOORARI * WOURARA

TOXICITY DATA AND REFERENCES:

	unk-man LDLo:735 ug/kg	85DCAI 2,73,70
2C08Y01	ipr-mus LD50:3200 ug/kg	AIPTAK 153,308,65
	scu-mus LD50:670 ug/kg	PSEBAA 76,536,51
2C08Y01	ivn-mus LD50:1950 ug/kg	AIPTAK 153,308,65
	ivn-dog LD50:1200 ug/kg	JPETAB 82,266,44
	orl-rbt LDLo:270 mg/kg	AEXPBL 61,283,09
	scu-rbt LDLo:2700 ug/kg	AEXPBL 61,283,09
	ivn-rbt LD50:1300 ug/kg	JPETAB 82,266,44

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CURARIL see: TZ1225000
CURARIN-HAF see: YO4900000
CURARYTHAN see: TZ1225000
CURATERR see: FB9450000
CURATIN see: HQ4375000
CURBISET see: LL6070000

GS3774020 CURCUMA AMADA, Roxb., rhizome extract
DEF:Indian plant belonging to the family ZINGIBERACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: AMADA RHIZOME EXTRACT

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:1000 mg/kg	IJEBA6 7,250,69

GS3774030 CURCUMA AROMATICA Salisb., rhizome extract
DEF:Indian plant belonging to the family ZINGIBERACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: BANHALUD RHIZOME EXTRACT

TOXICITY DATA AND REFERENCES:

1J30	ipr-mus LD50:1000 mg/kg	IJEBA6 7,250,69

GS3774070 CURCUMA LONGA Linn., rhizome extract
DEF:Indian plant belonging to the family ZINGIBERACEAE (IJEBA6 6,232,68)
UPDT:8408
SYN: HALDI RHIZOME EXTRACT * TURMERIC rhizome extract

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:700 mg/kg (1-7D preg)	IJEBA6 16,1077,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:12200 mg/kg	IJMRAQ 59,1289,71
*	ipr-mus LD50:430 mg/kg	IJMRAQ 64,601,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CURCUMA OIL see: GS3777000

GS3776300 CURCUMA ZEDOARIA Rosc., rhizome extract
DEF:Indian plant belonging to the family ZINGIBERACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: SATI RHIZOME EXTRACT

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 mg/kg	IJEBA6 7,250,69

GS3777000 CURCUMIN
UPDT:8412 CAS: 8024-37-1
SYN: CURCUMA OIL * CURCUMINE * NCI-C60015 * OILS, CURCUMA * OIL of TURMERIC * TURMERIC OIL * TURMERIC OLEORESIN

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	FCTOD7 21,839,83

MUTATION DATA AND REFERENCES:

	cyt-ham:lng 20 mg/L	GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1500 mg/kg	IJMRAQ 64,601,76

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

CURCUMINE see: GS3777000
CURENE see: TR7875000
CURENE 442 see: CY1050000
CURETARD see: VC2300000
CURETARD A see: JJ9800000
CUREX FLEA DUSTER see: DJ2800000
CURITAN see: MF1750000
CURITHANE see: BY5425000
CURITHANE 103 see: AT2800000
CURITHANE C126 see: DD0525000
CURLING FACTOR see: WG9800000
CUROL BRIGHT RED 4R see: QJ6530000
CUROL ORANGE see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
CURON FAST YELLOW 5G see: UQ6400000
CURRAL see: CQ3325000
CURTACAIN see: DG4900000
CURYTHAN see: TZ1225000
CURZATE see: AB5957000
CUSCOHYGRIN DIMETHIODIDE see: UY4587000
CUSCOHYGRINE DIMETHYLIODIDE see: UY4587000

GS4315600 CUSCATA AMERICANA L., leaf and stem extract
DEF:Jamaican plant belonging to the family CONVOLVULACEAE (JPPMAB 14,556,62)
UPDT:8405

TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:20 gm/kg	JPPMAB 14,556,62

GS4316000 CUSCUTA REFLEXA Roxb., extract excluding roots
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 7,250,69)
UPDT:8408
SYN: AMARBEL EXTRACT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:5600 mg/kg (1-7D preg)	IJMRAQ 70,517,79

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	IJEBA6 7,250,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CU SER CNU see: VT9609000
CUTISTEROL see: TU3460000

GS4360000 CUTRINE-PLUS
UPDT:8309 CAS: 12772-06-4
SYN: AQUATRINE * COPPER-ALKANOLAMINE COMPLEX * RICETRINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:500 ug/kg	FMCHA2 -,C65,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CUVALIT see: YS9325000
CUZ 3 see: FF5250100
C.V. CALIGINIS VENOM see: YX4182300
C.V. CERBERUS VENOM see: YX4182350
C.V. CONCOLOR VENOM see: YX4182400
C.V. HELLERI VENOM see: YX4182500
C-VIMIN see: CI7650000
C. VIRIDIS VIRIDIS TOXIN see: DU3120000
C. VIRIDIS VIRIDIS VENOM see: YX4345000
C.V. LUTOSUS VENOM see: YX4182600
CVMP see: TB9100000
C.V. MUNTIUS VENOM see: YX4182700
C.V. OREGANUS VENOM see: YX4182800
CVP see: TB8750000
C.V. VIRIDIS VENOM see: YX4182850
C-WEISS 7 (German) see: XR2275000
CWN 2 see: FF5250100
CXD see: XI0335000
CXM see: XI0329000
CY see: RP5950000
CY-39 see: NM3150000
CY 116 see: MO6300000
CYAANWATERSTOF (Dutch) see: MW6825000
CYADOX see: AG4398000
CYAGARD RF-1 see: TA2305000
CYALANE see: NJ6400000
CYAMEMAZIN see: SN6950000
CYAMEMAZINE see: SN6950000
CYAMEMAZINE MALEATE see: SN7000000
CYAMEPROMAZINE see: SN6950000
CYAMEPROMAZINE MALEATE see: SN7000000
CYAMOPSIS GUM see: MG0185000
CYANACETATE ETHYLE (German) see: AG4110000
CYANAETHYLENE (French) see: UE0200000 PROPIOLONITRILE
CYANAMID see: GS6000000
CYANAMID 24055 see: AE7450000

GS5950000 CYANAMIDE
UPDT:8403 CAS: 420-04-2 MW: 42.05 MOLFM: C-H2-N2
SYN: AMIDOCYANOGEN * CARBAMONITRILE * CARBIMIDE * CARBODIIMIDE * CYANOAMINE * N-CYANOAMINE * CYANOGENAMIDE * CYANOGEN NITRIDE * HYDROGEN CYANAMIDE * USAF EK-1995

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:125 mg/kg	MEIEDD 10,383,83
	ipr-rat LDLo:200 mg/kg	PSEBAA 54,254,43
	ipr-mus LD50:200 mg/kg	NTIS** AD277-689

REVIEW AND REFERENCES:

★	TLV-TWA 2 mg/m3	DTLVS* 4,109,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYANAMIDE see: GS6000000
CYANAMIDE CALCIQUE (French) see: GS6000000

GS6000000 CYANAMIDE, CALCIUM SALT (1:1)
UPDT:8412 CAS: 156-62-7 MW: 80.11 MOLFM: C-N2-Ca
SYN: AERO-CYANAMID * AERO CYANAMID GRANULAR * AERO CYANAMID SPECIAL GRADE * ALZODEF * CALCIUM CARBIMIDE * CALCIUM CYANAMID * CALCIUM CYANAMIDE * CALCIUM CYANAMIDE, not hydrated (containing more than 0.1% CALCIUM CARBIDE (DOT) * CCC * CYANAMID * CYANAMIDE * CYANAMIDE CALCIQUE (French) * CYANAMID GRANULAR * CYANAMID SPECIAL GRADE * CY-L 500 * LIME-NITROGEN * LIME NITROGEN (DOT) * NCI-C02937 * NITROGEN LIME * NITROLIM * NITROLIME * UN 1403 (DOT) * USAF CY-2

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mg/plate	ENMUDM 5(Suppl 1),3,83
	mmo-sat 100 ug/plate	ENMUDM 5(Suppl 1),3,83

TUMORIGENIC DATA AND REFERENCES:

2V03H60	orl-mus TDLo:170 gm/kg/2Y-C	NCITR* NCI-CG-TR-163,79

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:571 mg/kg	34ZIAG -,149,69

BEST COPY AVAILABLE

*	orl-rat LD50:158 mg/kg	NIIRDN 6,304,82
*	ihl-rat LCLo:86 mg/m3/4H	85GMAT -,40,82
*	skn-rat LD50:84 mg/kg	85GMAT -,40,82
*	ivn-rat LD50:125 mg/kg	NIIRDN 6,304,82
	unk-rat LD50:1000 mg/kg	GUCHAZ 6,73,73
*	orl-mus LD50:334 mg/kg	NIIRDN 6,304,82
	ipr-mus LD50:100 mg/kg	NTIS** AD277-689
*	ivn-mus LD50:282 mg/kg	NIIRDN 6,304,82
*	orl-cat LD50:100 mg/kg	85GMAT -,40,82
	orl-rbt LD50:1400 mg/kg	PCOC** -,174,66
	skn-rbt LD50:590 mg/kg	37ASAA 7,291,79

REVIEW AND REFERENCES:
★ TLV-TWA 500 ug/m3; STEL 1 mg/m3 — DTLVS* 4,61,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-C; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET — CFRGBR 49,172.102,83
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE (NCITR* NCI-CG-TR-163,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-163,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GS6480000 CYANAMIDE, METHYLNITROSO-
UPDT:8401 CAS: 33868-17-6 MW: 85.08 MOLFM: C2-H3-N3-O
SYN: METHYLNITROSOCYANAMIDE * MNC
MUTATION DATA AND REFERENCES:

	mma-sat 2500 nmol/L	GMCRDC 17,17,75
	mma-esc 5 umol/L	CNREA8 38,4630,78
	cyt-ham:emb 2 mmol/L/24H	MUREAV 43,429,77

TUMORIGENIC DATA AND REFERENCES:

2V03K60	orl-rat TDLo:490 mg/kg/28W-C	GANNA2 68,813,77
2V03K60	orl-rat TD :11 gm/kg/51W-C	PJACAW 50,497,74

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:69 mg/kg	PJACAW 50,497,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYANAMID GRANULAR see: GS6000000
CYANAMID SPECIAL GRADE see: GS6000000
CYANASET see: CY1050000
CYANATOTRIBUTYLSTANNANE see: WH6871000
CYANAZINE see: UG1490000
CYANHYDRINE D'ACETONE (French) see: OD9275000

GS6825000 CYANIC ACID, POTASSIUM SALT
UPDT:8403 CAS: 590-28-3 MW: 81.12 MOLFM: C-N-O-K
SYN: AERO CYANATE * AERO CYANATE WEEDKILLER * ALICYANATE * BONIDE KRAB CRABGRASS KILLER * BULPUR * DED-WEED CRABGRASS KILLER * D & P DOUBLE O CRABGRASS KILLER * DUPONT PC CRABGRASS KILLER * GREEN CROSS CRABGRASS KILLER * KALIUMCYANAT (German) * MILLER P.C. WEEDKILLER * P.C. 80 CRABGRASS KILLER * POTASSIUM CYANATE * POTASSIUM ISOCYANATE * WEEDANOL CYANOL * WEEDONE CRAB GRASS KILLER
TOXICITY DATA AND REFERENCES:

	orl-mus LD50:841 mg/kg	PCOC** -,925,66
*	ipr-mus LD50:320 mg/kg	MEIEDD 10,1100,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

GS7000000 CYANIC ACID, SODIUM SALT
UPDT:8403 CAS: 917-61-3 MW: 65.01 MOLFM: C-N-O-Na
SYN: CYANSAN * SAN-CYAN * SODIUM CYANATE * SODIUM ISOCYANATE * WEECON * ZASSOL
TOXICITY DATA AND REFERENCES:

3D14D35U01	orl-hmn TDLo:5400 mg/kg/24W	AROPAW 94,927,76
	orl-rat LD50:1500 mg/kg	JPETAB 185,653,73
	ims-rat LD50:310 mg/kg	BJPCAL 1,186,46
	orl-mus LDLo:4 mg/kg	APFRAD 19,740,61
	ipr-mus LD50:260 mg/kg	JPETAB 185,653,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYANIC ACID, TRIMETHYLSTANNYL ESTER see: WH6872000

GS7175000 CYANIDE
UPDT:8408 CAS: 57-12-5 MW: 26.02 MOLFM: C-N
SYN: CARBON NITRIDE ION (CN(sup 1-)) * CYANIDE(1-) * CYANIDE ANION * CYANIDE (CN(sup 1-)) * CYANIDE ION * CYANIDE(1-) ION * CYANURE (French) * ISOCYANIDE * RCRA WASTE NUMBER P030
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:3 mg/kg	NATUAS 228,1315,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLCHAU 19,361,73
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7904
CYANIDE(1-) see: GS7175000
CYANIDE ANION see: GS7175000
CYANIDE (CN(sup 1-)) see: GS7175000
CYANIDE or CYANIDE mixture, dry (DOT) see: MW7050000
CYANIDE, solution (DOT) see: MW7050000
CYANIDE ION see: GS7175000
CYANIDE(1-) ION see: GS7175000
CYANIDELONON 1522 see: LK8750000
CYANIDE of POTASSIUM see: TS8750000
CYANIDES see: MW7050000
CYANIDE of SODIUM see: VZ7525000
CYANINE ACID BLUE R see: QJ6300000
CYANINE ACID BLUE R NEW see: QJ6300000
CYANINE FAST YELLOW M see: DV3910000
CYANITE see: BD1450000
4-CYANOACETANILIDE see: AE1846000
4'-CYANOACETANILIDE see: AE1846000
CYANOACETIC ACID BENZYLIDENEHYDRAZIDE see: AG3692000
CYANOACETIC ACID ETHYL ESTER see: AG4110000
CYANOACETIC ACID (o-HYDROXYBENZYLIDENE)HYDRAZIDE see: AG4207000
CYANOACETIC ACID (4-HYDROXY-3-METHOXYBENZYLIDENE)HYDRAZIDE see: AG4208000
CYANOACETIC ACID, ISOBUTYL ESTER see: AG4250000
CYANOACETIC ESTER see: AG4110000
CYANOACETONITRILE see: OO3150000
CYANOACETYLENE see: UE0200000 PROPIOLONITRILE
N-CYANOACETYL ETHYL CARBAMATE see: EZ3480000
CYANOACETYLHYDRAZONE 2-FORMYLQUINOXALINE-1,4-DIOXIDE see: AG4398000
4'-(3-CYANO-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0512095
alpha-CYANOACRYLATE MONOMER see: AS6530000
CYANO ACRYLIC ACID see: AS6530000
alpha-CYANOACRYLIC ACID see: AS6530000
2-CYANOACRYLIC ACID see: AS6530000
alpha-CYANOACRYLIC ACID METHYL ESTER see: AS7000000
2-CYANOACRYLIC ACID, METHYL ESTER see: AS7000000
CYANOAMINE see: GS5950000
N-CYANOAMINE see: GS5950000
2-CYANO-4-AMINOSTILBENE see: WJ5018000
17-alpha-CYANO-delta(sup 5)-ANDROSTENE-3-beta,17-beta-DIOL DIACETATE see: BV8087500
m-CYANOANILINE see: DI2454000
p-CYANOANILINE see: BX2320000
3-CYANOANILINE see: DI2454000
4-CYANOANILINE see: BX2320000
CYANO-B12 see: GG3750000
7-CYANOBENZ(c)ACRIDINE see: CU3050000
10-CYANO-1,2-BENZANTHRACENE see: CW1050000
CYANOBENZENE see: DI2450000
7-CYANOBENZO(c)ACRIDINE see: CU3050000
2-CYANOBENZOFURAN see: DF6470600
4-CYANOBENZONITRILE see: CZ1925000
p-(3-(p-CYANOBENZYL)-3-METHYL-1-TRIAZENO)BENZOIC ACID see: DG5644200
5-a-CYANOBENZYL-4,5,6,7-TETRAHYDROTHIENO(3,2-c)PYRIDINE METHANESULFONATE see: DI4955000
CYANOBRIK see: VZ7525000
CYANOBROMIDE see: GT2100000
CYANOCOBALAMIN see: GG3750000
CYANOCOBALAMINE see: GG3750000

GS9693000 CYANOCYCLINE A
DEF:Isolated from the fermentation broth of STREPTOMYCES FLAVOGRISEUS strain No. 49(JANTAJ 35,771,82)
UPDT:8303 MW: 426.52 MOLFM: C22-H26-N4-O5
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:10 mg/kg	JANTAJ 35,771,82

1-(1-CYANOCYCLOHEXYL)PIPERIDINE see: GU7735000
1-(1-CYANOCYCLOHEXYL)PYRROLIDINE see: GU7740000
alpha-CYANO-6-(CYCLOPROPYLMETHYL)ERGOLINE-8-PROPIONAMIDE see: KE6345060
5-CYANO-5H-DIBENZARSENOLE see: HN6300000
4-CYANO-2,6-DIIODOPHENOL see: DI4025000
4-CYANO-2,6-DIJODPHENOL (German) see: DI4025000
CYANO-3 (DIMETHYLAMINO-3 METHYL-2 PROPYL)-10 PHENOTHIAZINE MALEATE (Fench) see: SN7000000
CYANODIMETHYLARSINE see: CH2100000
5-CYANO-9,10-DIMETHYL-1,2-BENZANTHRACENE see: CW1225000
alpha-CYANO-1,6-DIMETHYLERGOLINE-8-PROPIONAMIDE see: KE6345070
alpha-CYANO-2,6-DIMETHYLERGOLINE-8-PROPIONAMIDE see: KE6345080
alpha-CYANODIPHENYLMETHANE see: AL9800000
1'-(3-CYANO-3,3-DIPHENYLPROPYL)(1,4'-BIPIPERIDINE)-4'-CARBOXAMIDE see: DW1012000
(3-CYANO-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYLAMMONIUM IODIDE see: BP5732000
1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-(2-OXO-3-PROPIONYL-1-BENZIMIDAZOLINYL)PIPERIDINE see: DE1820000
1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PHENYLISONIPECOTIC ACID ETHYL ESTER HYDROCHLORIDE see: NS5300000
1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PHENYLISONIPECOTIC ACID HYDROCHLORIDE see: TM6135000
1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PHENYL-4-PIPERIDINECARBOXYLIC ACID HYDROCHLORIDE see: TM6135000
1-(1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PIPERIDYL)-3-PROPIONYL-2-BENZIMIDAZOLINONE see: DE1820000
alpha-CYANO-2-(1,3-DITHIOLAN-2-YL)-6-METHYLERGOLINE-8-PROPIONAMIDE see: KE6345090
(+-)-1-CYANO-2,3-EPITHIOPROPAN (German) see: ET9885000
(+-)-1-CYANO-2,3-EPITHIOPROPANE see: ET9885000
CYANOETHANE see: UF9625000
2-CYANOETHANOL see: MU5250000
4-CYANOETHOXY-2-METHYL-2-PENTANOL see: SA5950000
2-CYANOETHYL ALCOHOL see: MU5250000
beta-CYANOETHYLAMINE see: UG0350000
2-CYANO-N-((ETHYLAMINO)CARBONYL)-2-(METHOXYIMINO)-ACETAMIDE see: AB5957000
N-(2-CYANOETHYL)AZIRIDINE see: CM8750000
1-(2-CYANOETHYL)AZIRIDINE see: CM8750000
N-(beta-CYANOETHYL)CHLOROACETAMIDE see: AB5100000
CYANOETHYLENE see: AT5250000
2-CYANOETHYLENE OXIDE see: MB5145000
N-(beta-CYANOETHYL)ETHYLENIMINE see: CM8750000
1-(2-CYANOETHYL)ETHYLENIMINE see: CM8750000
N-beta-CYANOETHYL-N-beta-HYDROXYETHYLANILINE see: UG2905000
CYANOETHYL METHACRYLATE see: OZ4385000 METHACRYLIC ACID, ESTER with HYDRACRYONITRILE
beta-CYANOETHYL METHACRYLATE see: OZ4385000 METHACRYLIC ACID, ESTER with HYDRACRYONITRILE
2-CYANOETHYL METHACRYLATE see: OZ4385000 METHACRYLIC ACID, ESTER with HYDRACRYONITRILE
alpha-CYANO-N-ETHYL-6-METHYLERGOLINE-8-beta-PROPIONAMIDE see: KE6345100
N-(beta-CYANOETHYL)MONOCHLOROACETAMIDE see: AB5100000
1-(2-CYANOETHYL)-1-PHENACYLPIPERIDINIUM BROMIDE see: TN4724080
CYANOETHYL-p-PHENETIDINE see: SI7025000
S-(2-((2-CYANOETHYL)PHENYLAMINO)-2-OXOETHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TD7900000
4-(2-CYANOETHYL)PHENYL METHYLCARBAMATE see: FC2700000
CYANOETHYNE see: UE0200000 PROPIOLONITRILE
CYANOFENPHOS see: TB1750000
CYANOGAS see: EW0700000

GT1925000 CYANOGEN
UPDT:8407 CAS: 460-19-5 MW: 52.04 MOLFM: C2-N2
SYN: CARBON NITRIDE * CYANOGENE (French) * CYANOGEN GAS (DOT) * DICYAN * DICYANOGEN * ETHANEDINITRILE * NITRILOACETONITRILE * OXALIC ACID DINITRILE * OXALONITRILE * OXALYL CYANIDE * RCRA WASTE NUMBER P031 * UN 1026 (DOT)
IRRITATION DATA AND REFERENCES:

	eye-hmn 16 ppm/6M	AIHAAP 21,121,60

TOXICITY DATA AND REFERENCES:

2D25D03	ihl-hmn TCLo:16 ppm	AIHAAP 21,121,60
3J20D17F07	ihl-rat LC50:350 ppm/1H	AIHAAP 21,121,60
	scu-dog LDLo:15 mg/kg	AIPTAK 3,77,1897
	scu-rbt LDLo:13 mg/kg	AIPTAK 3,77,1897
	scu-pgn LDLo:9 mg/kg	AIPTAK 3,77,1897
	scu-frg LDLo:43 mg/kg	AIPTAK 3,77,1897

REVIEW AND REFERENCES:
★ TLV-TWA 10 ppm — DTLVS* 4,110,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS — CFRGBR 49,172.101,82

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYANOGENAMIDE see: GS5950000

GT2100000 CYANOGEN BROMIDE
UPDT:8406 CAS: 506-68-3 MW: 105.93 MOLFM: C-Br-N
SYN: BROMINE CYANIDE * BROMOCYAN * BROMOCYANIDE * BROMOCYANOGEN * BROMURE DE CYANOGEN (French) * CAMPILIT * CYANOBROMIDE * CYANOGEN BROMIDE (DOT) * CYANOGEN MONOBROMIDE * RCRA WASTE NUMBER U246 * TL 822 * UN 1889 (DOT)

TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:92 ppm/10M — NTIS** PB214-270
ihl-mus LCLo:500 mg/m3/10M — NDRC** No.9-4-1-9,43

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYANOGEN BROMIDE (DOT) see: GT2100000

GT2275000 CYANOGEN CHLORIDE
UPDT:8406 CAS: 506-77-4 MW: 61.47 MOLFM: C-Cl-N
SYN: CHLORCYAN * CHLORINE CYANIDE * CHLOROCYAN * CHLOROCYANIDE * CHLOROCYANOGEN * CHLORURE DE CYANOGENE (French) * CYANOGEN CHLORIDE, containing less than 0.9% water (DOT) * CYANOGEN CHLORIDE, inhibited (DOT) * RCRA WASTE NUMBER P033 * UN 1589 (DOT)

IRRITATION DATA AND REFERENCES:
eye-hmn 100 mg/m3/2M SEV — BJEPA5 33,241,46

TOXICITY DATA AND REFERENCES:
3D17D25J16 ihl-hmn TCLo:10 mg/m3 — WHOTAC -,31,70
ihl-mus LCLo:780 mg/m3/7.5M — HBAMAK 4,1341,35
scu-mus LDLo:39 mg/kg — 27ZWAY 1,1,779,-
ihl-dog LCLo:800 mg/m3/7.5M — HBAMAK 4,1341,35
scu-dog LDLo:5 mg/kg — HBAMAK 4,1341,35
ihl-rbt LCLo:3000 ppm/2M — HBAMAK 4,1341,35
scu-rbt LDLo:20 mg/kg — HBAMAK 4,1341,35
scu-pgn LDLo:8700 ug/kg — HBAMAK 4,1341,35
ihl-dom LCLo:2500 mg/m3/3M — HBAMAK 4,1341,35

REVIEW AND REFERENCES:
★ TLV-CL 300 ppb — DTLVS* 4,110,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYANOGEN CHLORIDE, containing less than 0.9% water (DOT) see: GT2275000
CYANOGEN CHLORIDE, inhibited (DOT) see: GT2275000
CYANOGENE (French) see: GT1925000
CYANOGEN GAS (DOT) see: GT1925000
CYANOGEN MONOBROMIDE see: GT2100000
CYANOGEN NITRIDE see: GS5950000
CYANOGRAN see: VZ7525000
(CYANOHYDROXYMETHYL)BENZOIC ACID ETHYL ESTER see: DG5644400
alpha-CYANO-6-ISOBUTYLERGOLINE-8-PROPIONAMIDE see: KE6345110
alpha-CYANOISOPROPYLAMIDE of the O,O-DIETHYLTHIOPHOSPHORYL ACETIC ACID see: TE8750000
CYANOKETONE see: BV8089000
CYANOL see: BW6650000
CYANOLIT see: AS7000000
CYANOMETHANE see: AL7700000
alpha-((CYANOMETHOXY)IMINO)-BENZACETONITRILE see: CY1697000
alpha-((CYANOMETHOXY)IMINO)BENZENEACETONITRILE see: CY1697000
O-(4-CYANO-2-METHOXYPHENYL) O-ETHYL(CHLOROMETHYL)PHOSPHONOTHIOATE see: TA9030000
O-(4-CYANO-2-METHOXYPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TF7180000
CYANOMETHYL ACETATE see: MC7700000
α-((CYANOMETHYL)AMINO)BENZAMIDE see: CV2485000
5-CYANO-10-METHYL-1,2-BENZANTHRACENE see: CW0730000
7-CYANO-10-METHYL-1,2-BENZANTHRACENE see: CW0760000
8-CYANO-7-METHYLBENZ(a)ANTHRACENE see: CW0730000
10-CYANOMETHYL-1,2-BENZANTHRACENE see: CW8975000
(CYANOMETHYL)BENZENE see: AM1400000
alpha-CYANO-6-METHYL-9,10-DIDEHYDROERGOLINE-8-PROPIONAMIDE see: KE6345160
alpha-CYANO-6-METHYL-2,3-DIHYDROERGOLINE-8-PROPIONAMIDE see: KE6345170
N-(CYANOMETHYL)DIMETHYLAMINE see: AL9450000
alpha-CYANO-6-METHYLERGOLINE-8-beta-BUTYRAMIDE see: KE1950000
alpha-CYANO-6-METHYLERGOLINE-8-beta-PROPIONAMIDE see: KE6345130
alpha-CYANO-6-METHYLERGOLINE-8-alpha-PROPIONAMIDE see: KE6345120
2(R,S)-CYANO-3-(6-METHYLERGOLIN-8-beta-YL)PROPIONAMIDE see: KE6345130
S-(((1-CYANO-1-METHYL-ETHYL)CARBAMOYL)METHYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TE8750000
S-N-(1-CYANO-1-METHYLETHYL)CARBAMOYLMETHYL DIETHYL PHOSPHOROTHIOLATE see: TE8750000
17-alpha-CYANOMETHYL-17-beta-HYDROXY-ESTRA-4,9(10)-DIEN-3-ONE see: RC8899500
3-(CYANOMETHYL)INDOLE see: AM0700000
CYANO(METHYLMERCURI)GUANIDINE see: OW1750000
N-CYANO-N'-METHYL-N''-(2-(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO)ETHYL)GUANIDINE see: MF0035500
1-CYANO-2-METHYL-3-(2-(((5-METHYL-4-IMIDAZOLYL)METHYL)THIO)ETHYL)GUANIDINE see: MF0035500
2-CYANO-1-METHYL-3-(2-(((5-METHYLIMIDAZOL-4-YL)METHYL)THIO)ETHYL)GUANIDINE see: MF0035500
alpha-CYANO-6-METHYL-2-(METHYLTHIO)ERGOLINE-8-PROPIONAMIDE see: KE6345140
4-(CYANOMETHYL)PHENYL METHYLCARBAMATE see: FC2750000
alpha-CYANO-6-METHYL-2-(PHENYLTHIO)ERGOLINE-8-PROPIONAMIDE see: KE6345150
CYANOMYCIN see: SG1643000
m-CYANONITROBENZENE see: DI4900000
p-CYANONITROBENZENE see: DI4903500
3-CYANONITROBENZENE see: DI4900000
4-CYANONITROBENZENE see: DI4903500
5-CYANO-3-(OCTAMETHYLENEIMINOMETHYL)INDOLE see: NL5993440
CYANOOXIRANE see: MB5145000
17-alpha-CYANO-3-OXO-4-ANDROSTEN-17-beta-YL ACETATE see: BV8087600
20-CYANO-3-OXOPREGNA-4,17-DIEN-21-OIC ACID ETHYL ESTER see: TU4154500
3-CYANOPHENOTHIAZINE see: SN6900000
2-(2-(4-(3-(2-CYANO-10-PHENOTHIAZINYL)PROPYL)-1-PIPERAZINYL)ETHOXY)ETHANOL DIHYDROCHLORIDE see: KK3527000
alpha-CYANO-3-PHENOXYBENZYL-2-(4-CHLOROPHENYL)-3-METHYLBUTYRATE see: CY1576350
alpha-1-CYANO 3-PHENOXYBENZYL d-cis 2,2-DIMETHYL-3-(2,2-DIBROMOVINYL)CYCLOPROPANECARBOXYLATE see: GZ1240000
(+-)-alpha-CYANO-3-PHENOXYBENZYL 2,2-DIMETHYL-3-(2,2-DICHLOROVINYL) CYCLOPROPANE CARBOXYLATE see: GZ1250000
alpha-CYANO-3-PHENOXYBENZYL 2,2,3,3-TETRAMETHYL-1-CYCLOPROPANECARBOXYLATE see: GZ2090000
CYANO(3-PHENOXYPHENYL)METHYL 4-CHLORO-alpha-(1-METHYLETHYL)BENZENEACETATE see: CY1576350
(+-)-CYANO(3-PHENOXYPHENYL)METHYL(+-)-4-(DIFLUOROMETHOXY)-alpha-(1-METHYLETHYL)BENZENEACETATE see: CY1578620
CYANOPHENPHOS see: TB1750000
O-p-CYANOPHENYL O,O-DIMETHYL PHOSPHOROTHIOATE see: TF7600000
O-(4-CYANOPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TF7600000
1-(p-CYANOPHENYL)-3,3-DIMETHYLTRIAZENE see: XX9700000
O-p-CYANOPHENYL O-ETHYL PHENYL-PHOSPHONOTHIOATE see: TB1750000
O-(4-CYANOPHENYL) O-ETHYL PHENYLPHOSPHONOTHIOATE see: TB1750000
2-(4-CYANOPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: DI4620000
N-(4-CYANOPHENYL)-N'-(IMINO(PROPYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS7561000
O-(4-CYANOPHENYL) O-PHENYL METHYLPHOSPHONOTHIOATE see: TB1700000
CYANOPHOS see: TF7600000
CYANOPHOS see: TC0350000
1-CYANOPROPANE see: ET8750000
2-CYANOPROPENE-1 see: UD1400000
3-CYANOPROPYL)DIETHOXY(METHYL) SILANE see: VV2770000
(3-CYANOPROPYL) TRICHLOROSILANE see: VV2775000
(3-CYANOPROPYL) TRIETHOXYSILANE see: VV2785000
3-CYANOPYRIDINE see: QT3030000
2-CYANO-4-STILBENAMINE see: WJ5018000

GT6260000 CYANOTIS FASCICULATA Schultes., extract
DEF:Indian plant belonging to the family COMMELINACEAE (IJEBA6 12,512,74)
UPDT:8312

TOXICITY DATA AND REFERENCES:
2M10V30 ipr-mus LD50:280 mg/kg — IJEBA6 12,512,74

alpha-CYANOTOLUENE see: AM1400000
omega-CYANOTOLUENE see: AM1400000
CYANOTOXIN see: FH5425000
CYANOTRICHLOROMETHANE see: AM2450000
CYANOTRIMEPRAZINE MALEATE see: SN7000000
CYANOTRIMETHYLANDROSTENOLONE see: BV8089000
2-alpha-CYANO-4,4,17-alpha-TRIMETHYLANDROST-5-EN-17-beta-OL-3-ONE see: BV8089000
CYANOTUBERICIDIN see: UY9100000
CYANOX see: TF7600000
CYANOX LTDP see: UF8000000
CYANSAN see: GS7000000
CYANTHOATE see: TE8750000
CYANTIN see: MU2800000
CYANURAMIDE see: OS0700000
CYANURCHLORIDE see: XZ1400000
CYANURE (French) see: GS7175000
CYANURE D'ARGENT (French) see: VW3850000
CYANURE DE CALCIUM (French) see: EW0700000
CYANURE DE CUIVRE (French) see: GL7175000
CYANURE DE MERCURE (French) see: OW1515000
CYANURE DE METHYL (French) see: AL7700000
CYANURE DE PLOMB (French) see: OG0175000
CYANURE DE POTASSIUM (French) see: TS8750000
CYANURE DE SODIUM (French) see: VZ7525000
CYANURE DE VINYLE (French) see: AT5250000
CYANURE DE ZINC (French) see: ZH1575000
CYANURIC ACID see: XZ1800000
CYANURIC ACID CHLORIDE see: XZ1400000
CYANURIC ACID, TRITHIO- see: XZ2830000
CYANURIC CHLORIDE see: XZ1400000
CYANURIC CHLORIDE (DOT) see: XZ1400000
CYANURIC TRIAZIDE see: XZ1260000
CYANURIC TRIAZIDE (DOT) see: XZ1260000
CYANURIC TRICHLORIDE see: XZ1400000
CYANURIC TRICHLORIDE (DOT) see: XZ1400000
CYANUROTRIAMIDE see: OS0700000
CYANURYL CHLORIDE see: XZ1400000
CYANWASSERSTOFF (German) see: MW6825000
CYAP see: TF7600000
CYASORB UV 9 see: DJ1575000
CYASORB UV 12 see: DJ0900000 BENZOPHENONE, 2,2'-DIHYDROXY-4,4'-DIMETHOXY-
CYASTERON see: WJ2510000
CYASTERONE see: WJ2510000

GT8130000 CYATHEA MILGIRENSIS Holtt., extract excluding roots
DEF:Indian plant belonging to the family CYATHIACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
3H30M10U26 ipr-mus LD50:500 mg/kg — IJEBA6 15,208,77

CYAZIN see: XY5600000
CYBIS see: QN2885000
CYBOLT see: CY1578620

GT8310000 CYCAD MEAL
DEF:Obtained from the nut of CYCAS CIRCINALIS L. (FEPRA7 23,1384,64)
UPDT:8412

TUMORIGENIC DATA AND REFERENCES:
3V01L60M61 orl-rat TDLo:21 gm/kg/3W-C — FEPRA7 23,1386,64
3V03L60M61 skn-mus TDLo:68 gm/kg/6D-C — FEPRA7 23,1383,64
3V02L60U01 orl-gpg TDLo:30 gm/kg/44W-I — FEPRA7 23,1384,64

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, BLFSBY 24,129,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCASIN see: LZ5950000
CYCAS REVOLUTA GLUCOSIDE see: LZ5950000
CYCFURON plus CHLORBUFAN see: YS7890000
CYCHLORAL see: YS7800000
CYCLADIENE see: SL0580000
CYCLAINE see: UA9800000
CYCLAINE HYDROCHLORIDE see: UA9800000
CYCLAL CETYL ALCOHOL see: MM0225000
CYCLALIA see: RG7850000
CYCLAMAL see: MW4900000
CYCLAMATE see: GV7350000
CYCLAMATE CALCIUM see: GV7100000
CYCLAMATE, CALCIUM SALT see: GV7100000
CYCLAMATE SODIUM see: GV7350000
CYCLAMATE, SODIUM SALT see: GV7350000
CYCLAMEN ALDEMYDE see: MW4900000
CYCLAMEN ALDEMYDE DIETHYL ACETAL see: MW4905000
CYCLAMEN ALDEMYDE DIMETHYL ACETAL see: UE1780000

BEST COPY AVAILABLE

CYCLAMEN ALDEHYDE ETHYLENE GLYCOL ACETAL see: JH8100000
CYCLAMEN ALDEHYDE PROPYLENEGLYCOL ACETAL see: JH8200000
CYCLAMIC ACID SODIUM SALT see: GV7350000
CYCLAMID see: YS7800000
CYCLAMIDE see: YS7800000
CYCLAMIDE see: YR7350000
CYCLAMIDOMYCIN see: UY7340000
CYCLAMIN see: RJ9218000
CYCLAMIN (SAPONIN) see: RJ9218000
CYCLAMYCIN see: RJ9900000
CYCLAN see: GV7100000
CYCLANDELATE see: OO8200000
CYCLAPROP see: PC0470000
CYCLATE see: DN9205000
CYCLAZOCINE see: PB8585000
CYCLE see: UG1480000

GT8815000 CYCLEANINE, O(sup 7),O(sup 7')-DIDEMETHYL-
UPDT:8411 CAS: 477-62-3 MW: 594.76 MOLFM: C36-H38-N2-O6
SYN: O(sup 7),O(sup 7')-DIDEMETHYLCYCLEANINE * ISOBEBEERINE * ISOBEBEERINE * ISOCHONDODENDRIN * ISOCHONDODENDRINE * d-ISOCHONDODENDRINE * (R,R)-ISOCHONDODENDRINE * ISOCHONDRODENDRINE

TOXICITY DATA AND REFERENCES:
2F05J25 ipr-mus LD50:1001 mg/kg APFRAD 7,569,49
2F05J25 scu-mus LD50:371 mg/kg APFRAD 7,569,49

CYCLEXEDRINE, HYDROCHLORIDE see: GV2100000
CYCLIC ADENOSINE 3',5'-PHOSPHATE see: AU7357600
CYCLIC 3',5'-ADENYLIC ACID see: AU7357600

GT8940450 CYCLIC(L-ALANYL-L-alpha-GLUTAMYL-L-ALANYL-L-LYSYL), MONOHYDROCHLORIDE
UPDT:8408 CAS: 53665-78-4 MW: 435.97 MOLFM: C17-H29-N5-O6-Cl-H
SYN: CYCLO(ALA-LYS-ALA-GLU) HYDROCHLORIDE * CYCLO(L-ALANYL-L-LYSYL-L-ALANYL-L-GLUTAMYL) HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 ivt-rat TDLo:10 mg/kg (5D preg) IJEBA6 12,199,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLIC AMP see: AU7357600
CYCLIC 3',5'-AMP see: AU7357600
CYCLIC AMP DIBUTYRATE see: ES5055000
3',5'-CYCLIC AMP DIBUTYRATE see: ES5055000
CYCLIC AMP N(sup 6),2'-O-DIBUTYRATE see: ES5055000
CYCLIC DIBUTYRYL AMP see: ES5055000
CYCLIC DIBUTYRYL GMP see: ES4315000
CYCLIC 2,6-cis-DIPHENYLHEXAMETHYLCYCLOTETRASILOXANE see: GZ4390000
CYCLIC ETHYLENE CARBONATE see: FF9550000
CYCLIC ETHYLENE (DIETHOXYPHOSPHINOTHIOYL)DITHIOIMIDOCARBONATE see: NJ6400000
CYCLIC ETHYLENE(DIETHOXYPHOSPHINOTHIOYL)DITHIOIMIDOCARBONATE see: NJ6475000
CYCLIC ETHYLENE p,p-DIETHYL PHOSPHONODITHIOIMIDOCARBONATE see: NJ6475000
CYCLIC ETHYLENE(DIMETHOXYPHOSPHINOTHIOYL)DITHIOIMIDOCARBONATE see: NJ6450000
CYCLIC ETHYLENE ESTER of (DIETHOXYPHOSPHINOTHIOYL)DITHIOIMIDOCARBONIC ACID see: NJ6400000
CYCLIC ETHYLENE ESTER of (DIMETHOXYPHOSPHINOTHIOYL) DITHIOIMIDOCARBONIC ACID see: NJ6450000
CYCLIC ETHYLENE SULFITE see: KW3900000
CYCLIC S,S-(6-METHYL-2,3-QUINOXALINEDIYL) DITHIOCARBONATE see: FG1400000
CYCLIC PROPYLENE (DIETHOXYPHOSPHINYL)DITHIOIMIDOCARBONATE see: JP1050000
CYCLIC PROPYLENE(DIMETHOXYPHOSPHINYL)DITHIOIMIDOCARBONATE-1,3-DITHIOLANE see: NJ6650000
CYCLIC N',O-PROPYLENE ESTER of N,N-BIS(2-CHLOROETHYL)PHOSPHORODIAMIDIC ACID MONOHYDRATE see: RP5950000
CYCLIC TETRAMETHYLENE SULFONE see: XN0700000
CYCLIZINE see: TL6475000
CYCLIZINE CHLORIDE see: TL6560000
CYCLIZINE HYDROCHLORIDE see: TL6560000
CYCLOADENOSINE see: GY4250000
CYCLOADIPHENINE see: GU6825000
CYCLOADIPHENINE HYDROCHLORIDE see: GU6825000
CYCLO(ALA-LYS-ALA-GLU) HYDROCHLORIDE see: GT8940450 CYCLIC(L-ALANYL-L-alpha-GLUTAMYL-L-ALANYL-L-LYSYL), MONOHYDROCHLORIDE
CYCLO(L-ALANYL-L-LYSYL-L-ALANYL-L-GLUTAMYL) HYDROCHLORIDE see: GT8940450 CYCLIC(L-ALANYL-L-alpha-GLUTAMYL-L-ALANYL-L-LYSYL), MONOHYDROCHLORIDE
alpha-CYCLOAMYLOSE see: GU2292000
beta-CYCLOAMYLOSE see: GU2293000
CYCLOATE see: GU7200000

GT9330000 7,20-CYCLOATIDANE-11,15-DIOL, 16,17-DIDEHYDRO-21-ETHYL-4-METHYL-(11-beta,15-beta)-
UPDT:8405 CAS: 26166-37-0 MW: 343.56 MOLFM: C22-H33-N-O2
SYN: DEMUDATINE * 16,17-DIDEHYDRO-21-ETHYL-4-METHYL-7,20-CYCLOATIDANE-11-beta,15-beta-DIOL

TOXICITY DATA AND REFERENCES:
1G10 ivn-rat LD50:130 mg/kg CYLPDN 3,104,82
2G04J25 orl-mus LD50:290 mg/kg CYLPDN 3,104,82
2G04J25 ivn-mus LD50:128 mg/kg CYLPDN 3,104,82

CYCLOBARBITAL see: CQ2975000
CYCLOBARBITAL CALCIUM see: CQ2980000
CYCLOBARBITOL see: CQ2975000
CYCLOBARBITON see: CQ2975000
CYCLOBARBITONE see: CQ2975000
CYCLOBARBITONE CALCIUM see: CQ2980000
CYCLOBENZAPRINE HYDROCHLORIDE see: HP0875000

GT9895000 CYCLOBUTANE
CAS: 287-23-0 MW: 56.12 MOLFM: C4-H8
SYN: CYCLOBUTANE (DOT) * UN 2601 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GU1338000 CYCLOBUTANECARBOXYLIC ACID, 3-BENZYL-
UPDT:8312 CAS: 66016-21-5 MW: 190.26 MOLFM: C12-H14-O2
SYN: 3-BENZYL-CYCLOBUTANECARBOXYLIC ACID * CYCLOBUTANECARBOXYLIC ACID, 3-(PHENYLMETHYL)-(9CI)

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:700 mg/kg EJMCA5 12,501,77

GU1338500 CYCLOBUTANECARBOXYLIC ACID, 3-BUTYL-
UPDT:8312 CAS: 66016-18-0 MW: 156.25 MOLFM: C9-H16-O2
SYN: 3-BUTYL-CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:300 mg/kg EJMCA5 12,501,77

GU1340000 CYCLOBUTANECARBOXYLIC ACID, 3-tert-BUTYL-
UPDT:8312 CAS: 66016-27-1 MW: 156.25 MOLFM: C9-H16-O2
SYN: 3-tert-BUTYL-CYCLOBUTANECARBOXYLIC ACID * 3-(1,1-DIMETHYLETHYL)-CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:500 mg/kg EJMCA5 12,501,77

GU1342000 CYCLOBUTANECARBOXYLIC ACID, 3-CYCLOHEPTYL-
UPDT:8312 CAS: 66016-22-6 MW: 196.32 MOLFM: C12-H20-O2
SYN: 3-CYCLOHEPTYL-CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg EJMCA5 12,501,77

GU1342500 CYCLOBUTANECARBOXYLIC ACID, 3-(CYCLOHEX-1-ENYL)-
UPDT:8312 MW: 180.27 MOLFM: C11-H16-O2
SYN: 3-(CYCLOHEX-1-ENYL)-CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg EJMCA5 12,501,77

GU1345000 CYCLOBUTANECARBOXYLIC ACID, 3-CYCLOHEXYL-
UPDT:8312 CAS: 3204-78-2 MW: 182.29 MOLFM: C11-H18-O2
SYN: 3-CYCLOHEXYL-CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 12,501,77

GU1345200 CYCLOBUTANECARBOXYLIC ACID, 3-CYCLOPENTYL-
UPDT:8312 CAS: 66016-20-4 MW: 168.26 MOLFM: C10-H16-O2
SYN: 3-CYCLOPENTYL-CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg EJMCA5 12,501,77

GU1345500 CYCLOBUTANECARBOXYLIC ACID, 3,3-DIETHYL-
UPDT:8312 CAS: 66016-24-8 MW: 156.25 MOLFM: C9-H16-O2
SYN: 3,3-DIETHYL CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:900 mg/kg EJMCA5 12,501,77

GU1346000 CYCLOBUTANECARBOXYLIC ACID, 3-ETHYL-
UPDT:8312 CAS: 66016-16-8 MW: 128.19 MOLFM: C7-H12-O2
SYN: 3-ETHYL-CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:1100 mg/kg EJMCA5 12,501,77

GU1346500 CYCLOBUTANECARBOXYLIC ACID, 3-ETHYL-3-METHYL-
UPDT:8312 CAS: 66016-23-7 MW: 142.22 MOLFM: C8-H14-O2
SYN: 3-ETHYL-3-METHYL-CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg EJMCA5 12,501,77

GU1347000 CYCLOBUTANECARBOXYLIC ACID, 3-ISOPROPYL-
UPDT:8312 CAS: 13363-91-2 MW: 142.22 MOLFM: C8-H14-O2
SYN: 3-ISOPROPYL-CYCLOBUTANECARBOXYLIC ACID * 3-(1-METHYLETHYL)-CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:700 mg/kg EJMCA5 12,501,77

GU1360000 CYCLOBUTANECARBOXYLIC ACID, 3-PENTYL-
UPDT:8312 CAS: 66016-19-1 MW: 170.28 MOLFM: C10-H18-O2
SYN: 3-PENTYL-CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:280 mg/kg EJMCA5 12,501,77

GU1362000 CYCLOBUTANECARBOXYLIC ACID, 3-PHENYL-
UPDT:8312 CAS: 66016-28-2 MW: 176.23 MOLFM: C11-H12-O2
SYN: 3-PHENYL-CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:700 mg/kg EJMCA5 12,501,77

CYCLOBUTANECARBOXYLIC ACID, 3-(PHENYLMETHYL)- (9CI) see: GU1338000

GU1365000 CYCLOBUTANECARBOXYLIC ACID, 3-PROPYL-
UPDT:8312 CAS: 66016-17-9 MW: 142.22 MOLFM: C8-H14-O2
SYN: 3-PROPYL-CYCLOBUTANECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:850 mg/kg EJMCA5 12,501,77

GU1775000 1,3-CYCLOBUTANEDIONE, 2,2,4,4-TETRAMETHYL-
UPDT:8401 CAS: 933-52-8 MW: 140.20 MOLFM: C8-H12-O2
SYN: TETRAMETHYLCYCLOBUTA-1,3-DIONE * TETRAMETHYL-1,3-CYCLOBUTANEDIONE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:308 mg/kg/77W-I JNCIAM 46,143,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOBUTANE (DOT) see: GT9895000

GU1779500 CYCLOBUTANE, OCTAFLUORO-
UPDT:8403 CAS: 115-25-3 MW: 56.12 MOLFM: C4-H8
SYN: CYCLOOCTAFLUOROBUTANE * FC-C 318 * FREON C-318 * HALOCARBON C-138 * OCTAFLUOROCYCLOBUTANE * OCTAFLUOROCYCLOBUTANE (DOT) * PERFLUOROCYCLOBUTANE * PROPELLANT C318 * R-C 318 * UN 1976 (DOT)

MUTATION DATA AND REFERENCES:
sln-dmg-ihl 99 ppb/10M ENVRAL 7,275,74

STANDARDS & REGULATIONS:
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

CYCLOBUTENEDIONE, DIHYDROXY- (8CI) see: GU1800000

GU1800000 CYCLOBUTENE-1,2-DIONE, 3,4-DIHYDROXY-
UPDT:8401 CAS: 2892-51-5 MW: 114.06 MOLFM: C4-H2-O4
SYN: CYCLOBUTENEDIONE, DIHYDROXY- (8CI) * 3-CYCLOBUTENE-1,2-DIONE, 3,4-DIHYDROXY- (9CI) * 3,4-DIHYDROXY-3-CYCLOBUTENE-1,2-DIONE * QUADRATIC ACID * SQUARIC ACID

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:368 mg/kg/92W-I JNCIAM 46,143,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-CYCLOBUTENE-1,2-DIONE, 3,4-DIHYDROXY- (9CI) see: GU1800000
CYCLOBUT-3-ENE-1,2-DIONE, 3-HYDROXY- see: QA6130000

GU1850000 2-CYCLOBUTEN-1-ONE, 2,3,4,4-TETRACHLORO-
UPDT:8401 CAS: 3200-96-2 MW: 205.84 MOLFM: C4-Cl4-O
SYN: PERCHLORO-2-CYCLOBUTENE-1-ONE * PERCHLOROCYCLOBUTENONE * PERCHLOROCYCLOBUT-2-ENONE * TETRACHLOROCYCLOBUTENONE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:280 mg/kg/70W-I JNCIAM 46,143,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-(CYCLOBUTYLAMINO)-3',4'-DIHYDROXY-ACETOPHENONE HYDROCHLORIDE see: AM6913950
CYCLOBUTYLCHLOROFORMATE see: FG3650000
CYCLOBUTYLCHLOROFORMATE (DOT) see: FG3650000
N-CYCLOBUTYL-9,10-DIDEHYDRO-6-METHYLERGOLINE-8-beta-CARBOXAMIDE MALEATE see: KE2800000
1-(4-(2-(CYCLOBUTYLMETHOXY)ETHYL)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL see: UA9465000 2-PROPANOL, 1-(4-(2-(CYCLOBUTYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-
1-(4-(2-(CYCLOBUTYLMETHOXY)ETHYL)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE see: UA9465100 2-PROPANOL, 1-(4-(2-(CYCLOBUTYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
2-CYCLOBUTYL METHYL-5-ETHYL-2'-HYDROXY-9,9-DIMETHYL-6,7-BENZOMORPHAN LACTATE see: UA2465200

BEST COPY AVAILABLE

1-CYCLOBUTYL-3-METHYL-3-NITROSOUREA see: YS7562000
N-CYCLOBUTYL NORADRENALONE HYDROCHLORIDE see: AM6913950
CYCLOBUTYROL see: GU6555200
CYCLOBUXINE D see: GZ0590020
CYCLOCAPRON see: GU8400000
CYCLOCEL see: BP5250000
CYCLOCHEM GMS see: RG1925000

GU2100000 CYCLOCHLOROTINE
UPDT:8305 CAS: 12663-46-6 MW: 571.49 MOLFM: C24-H30-Cl2-N5-O7
SYN: ISLANDITOXIN
TUMORIGENIC DATA AND REFERENCES:
3V03L60P61 orl-mus TDLo:362 mg/kg/32W-C FCTXAV 10,193,72
TOXICITY DATA AND REFERENCES:
3L02L04L30 orl-mus LD50:6550 ug/kg FCTXAV 10,193,72
" ipr-mus LD50:330 ug/kg CTOXAO 17,45,80
3L30N22N24 scu-mus LD50:475 ug/kg FCTXAV 10,193,72
1L04 ivn-mus LD50:335 ug/kg FCTXAV 10,193,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LLOYA2 38(1),21,75; MUREAV 26,225,74; ARMIAZ 26,279,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,139,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
alpha-CYCLOCITRYLIDENEACETONE see: EN0525000
beta-CYCLOCITRYLIDENEACETONE see: EN0350000
alpha-CYCLOCITRYLIDENE-4-METHYLBUTAN-3-ONE see: SB4400000
CYCLO-CMP HYDROCHLORIDE see: LV2615000
CYCLOCORT see: TU3682500
CYCLOCYTIDINE see: LV2610000
CYCLOCYTIDINE see: LV2615000 6H-FURO(2',3': 4,5)OXAZOLO(3,2-a)-PYRIMIDINE-2-METHANOL,2,3,3a,9a-TETRAHYDRO-3-HYDROXY- 6-IMINO-, MONOHYDROCHLORIDE, stereoisomer
O(sup 2),2'-CYCLOCYTIDINE see: LV2610000
2,2'-CYCLOCYTIDINE see: LV2610000
2,2'-O-CYCLOCYTIDINE see: LV2610000
CYCLOCYTIDINE HYDROCHLORIDE see: LV2615000
2,2'-CYCLOCYTIDINE HYDROCHLORIDE see: LV2615000
2,2'-O-CYCLOCYTIDINE HYDROCHLORIDE see: LV2615000
CYCLODAN see: RB9275000

GU2292000 alpha-CYCLODEXTRIN
UPDT:8406 CAS: 10016-20-3 MW: 972.96 MOLFM: C36-H60-O30
SYN: alpha-CYCLOAMYLOSE * CYCLOHEXAAMYLOSE * CYCLOMALTOHEXAOSE * CYCLOMALTOHEXOSE * alpha-DEXTRIN * alpha-SCHARDINGER DEXTRIN
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1000 mg/kg OYYAA2 26,287,83
* ivn-rat LD50:788 mg/kg AJPAA4 83,367,76

GU2293000 beta-CYCLODEXTRIN
UPDT:8411 CAS: 7585-39-9 MW: 1135.12 MOLFM: C42-H70-O35
SYN: beta-CYCLOAMYLOSE * CYCLOHEPTAAMYLOSE * beta-CYCLOHEPTAAMYLOSE * CYCLOHEPTAGLUCAN * CYCLOHEPTAGLUCOSAN * CYCLOMALTOHEPTAOSE * beta-DEXTRIN * SCHARDINGER beta-DEXTRIN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:18800 mg/kg OYYAA2 26,287,83
* ipr-rat LD50:356 mg/kg 48THAM 1,109,82
* scu-rat LD50:3700 mg/kg OYYAA2 26,287,83
* ivn-rat LD50:1008 mg/kg AJPAA4 83,367,76
* ipr-mus LD50:330 mg/kg 48THAM 1,109,82
* scu-mus LD50:412 mg/kg 48THAM 1,109,82
cis,trans,trans-CYCLODODECA-1,5,9-TRIENE see: GU2310000

GU2308000 1,5,9-CYCLODODECATRIENE
UPDT:8401 CAS: 4904-61-4 MW: 162.30 MOLFM: C12-H18
SYN: CDT * 1,5,9-CYCLODODECATRIENE (DOT) * UN 2518 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GU2310000 1,5,9-CYCLODODECATRIENE (Z,E,E)
UPDT:8401 MW: 162.30 MOLFM: C12-H18
SYN: CDT * cis,trans,trans-CYCLODODECA-1,5,9-TRIENE
IRRITATION DATA AND REFERENCES:
skn-mus 100%/12D open SEV BJIMAG 25,75,68
skn-rbt 2670 mg SEV BJIMAG 25,75,68
skn-rbt 20 gm/31D-I open SEV BJIMAG 25,75,68
eye-rbt 89 mg MLD BJIMAG 25,75,68
skn-gpg 10 gm/31D-I open SEV BJIMAG 25,75,68
1,5,9-CYCLODODECATRIENE (DOT) see: GU2308000
CYCLODODECYL-2,6-DIMETHYLMORPHOLINE ACETATE see: QE0610000
N-CYCLODODECYL-2,6-DIMETHYLMORPHOLINIUM ACETATE see: QE0610000
4-CYCLODODECYL-2,6-DIMETHYLMORPHOLINIUM ACETATE see: QE0610000
CYCLODOL see: TN2625000
CYCLODORM see: CQ2975000
CYCLOESTROL see: SL0560850
p-N-CYCLO ETHYLENEUREIDOAZOBENZENE see: CN2300000
CYCLOFENIL see: GO7550000
CYCLOFENYL see: GO7550000
CYCLOGEST see: TW0175000

GU2435000 CYCLOGUANIDE
UPDT:8401
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T72 orl-mus TDLo:420 mg/kg (7D pre) MEXPAG 10,361,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOGUANIL see: XY7355000
CYCLOHEPTAAMYLOSE see: GU2293000
beta-CYCLOHEPTAAMYLOSE see: GU2293000

GU2990000 9-CYCLOHEPTADECEN-1-ONE
UPDT:8305 CAS: 542-46-1 MW: 250.47 MOLFM: C17-H30-O
SYN: CIVETONE * cis-CIVETONE * 9-CYCLOHEPTADECEN-1-ONE, (Z)- (8CI,9CI)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,727,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
9-CYCLOHEPTADECEN-1-ONE, (Z)- (8CI,9CI) see: GU2990000
CYCLOHEPTAGLUCAN see: GU2293000
CYCLOHEPTAGLUCOSAN see: GU2293000

GU3140000 CYCLOHEPTANE
CAS: 291-64-5 MW: 98.21 MOLFM: C7-H14
SYN: CYCLOHEPTANE (DOT) * UN 2241 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

GU3150000 CYCLOHEPTANECARBAMIC ACID, 1,1-BIS(p-FLUOROPHENYL)-2-PROPYNYL ESTER
UPDT:8401 CAS: 20929-99-1 MW: 383.47 MOLFM: C23-H23-F2-N-O2
SYN: 1,1 BIS(4-FLUOROPHENYL)-2-PROPYNYL N-CYCLOHEPTYLCARBAMATE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:620 mg/kg/13W-C CNREA8 30,2881,70
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:215 mg/kg HarPN# 21Oct74
orl-mus LD50:405 mg/kg HarPN# 21Oct74
1V30 ipr-mus LD50:307 mg/kg JMCMAR 11,1155,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOHEPTANE (DOT) see: GU3140000
CYCLOHEPTANOL, 1-(2-PROPYNYL)-, CARBAMATE see: FD1120000

GU3514100 6H-CYCLOHEPTA(b)QUINOLINE, 7,8,9,10-TETRAHYDRO-11-AMINO-
UPDT:8407 MW: 212.32 MOLFM: C14-H16-N2
SYN: MAS 111 * 7,8,9,10-TETRAHYDRO-11-AMINO-6H-CYCLOHEPTA(b)QUINOLINE
TOXICITY DATA AND REFERENCES:
2F07F17 par-mus LD50:15 mg/kg AIPTAK 146,406,63

GU3514200 6H-CYCLOHEPTA(b)QUINOLINE, 7,8,9,10-TETRAHYDRO-11-AMINO-4-CHLORO-
UPDT:8407 MW: 246.76 MOLFM: C14-H15-Cl-N2
SYN: MAS 805 * 7,8,9,10-TETRAHYDRO-11-AMINO-4-CHLORO-6H-CYCLOHEPTA(b)QUINOLINE
TOXICITY DATA AND REFERENCES:
2F07F17 par-mus LD50:39 mg/kg AIPTAK 146,406,63

GU3514300 6H-CYCLOHEPTA(b)QUINOLINE, 7,8,9,10-TETRAHYDRO-11-AMINO-4-ETHYL-
UPDT:8407 MW: 240.38 MOLFM: C16-H20-N2
SYN: MAS 763 * 7,8,9,10-TETRAHYDRO-11-AMINO-4-ETHYL 6H-CYCLOHEPTA(b)QUINOLINE
TOXICITY DATA AND REFERENCES:
3F07F12F17 par-mus LD50:55 mg/kg AIPTAK 146,406,63

GU3514400 6H-CYCLOHEPTA(b)QUINOLINE, 7,8,9,10-TETRAHYDRO-11-AMINO-2-METHOXY-
UPDT:8407 MW: 242.33 MOLFM: C15-H18-N2-O
SYN: MAS 844 * 7,8,9,10-TETRAHYDRO-11-AMINO-2-METHOXY-6H-CYCLOHEPTA(b)QUINOLINE
TOXICITY DATA AND REFERENCES:
3F07F12F17 par-mus LD50:55 mg/kg AIPTAK 146,406,63

GU3514500 6H-CYCLOHEPTA(b)QUINOLINE, 7,8,9,10-TETRAHYDRO-11-AMINO-4-METHOXY-
UPDT:8407 CAS: 5591-57-1 MW: 242.33 MOLFM: C15-H18-N2-O
SYN: MAS 795 * 7,8,9,10-TETRAHYDRO-11-AMINO-4-METHOXY-6H-CYCLOHEPTA(b)QUINOLINE
TOXICITY DATA AND REFERENCES:
3F07F12F17 par-mus LD50:108 mg/kg AIPTAK 146,406,63

GU3514700 6H-CYCLOHEPTA(b)QUINOLINE, 7,8,9,10-TETRAHYDRO-11-AMINO-2-METHYL-
UPDT:8407 MW: 226.35 MOLFM: C15-H18-N2
SYN: 11-AMINO-2-METHYL-7,8,9,10-TETRAHYDRO-6H-CYCLOHEPTA(b)QUINOLINE * MAS 695 * 7,8,9,10-TETRAHYDRO-11-AMINO-2-METHYL-6H-CYCLOHEPTA(b)QUINOLINE
TOXICITY DATA AND REFERENCES:
2F07F17 par-mus LD50:70 mg/kg AIPTAK 146,406,63
2F06F25 unk-mam LD50:17 mg/kg PCJOAU 8,409,74

GU3514800 6H-CYCLOHEPTA(b)QUINOLINE, 7,8,9,10-TETRAHYDRO-11-AMINO-4-METHYL-
UPDT:8407 MW: 226.35 MOLFM: C15-H18-N2
SYN: MAS 726 * 7,8,9,10-TETRAHYDRO-11-AMINO-4-METHYL-6H-CYCLOHEPTA(b)QUINOLINE
TOXICITY DATA AND REFERENCES:
2F07F17 par-mus LD50:12 mg/kg AIPTAK 146,406,63

GU3514900 6H-CYCLOHEPTA(b)QUINOLINE, 7,8,9,10-TETRAHYDRO-11-CHLORO-1,4-DIMETHYL-
UPDT:8407 MW: 259.80 MOLFM: C16-H18-Cl-N
SYN: MAS 741 * 7,8,9,10-TETRAHYDRO-11-CHLORO-1,4-DIMETHYL-6H-CYCLOHEPTA(b)QUINOLINE
TOXICITY DATA AND REFERENCES:
2F07F17 par-mus LD50:780 mg/kg AIPTAK 146,406,63

GU3515000 6H-CYCLOHEPTA(b)QUINOLINE, 7,8,9,10-TETRAHYDRO-11-CHLORO-4-METHOXY-
UPDT:8407 MW: 261.77 MOLFM: C15-H16-Cl-N-O
SYN: MAS 723 * 7,8,9,10-TETRAHYDRO-11-CHLORO-4-METHOXY-6H-CYCLOHEPTA(b)QUINOLINE
TOXICITY DATA AND REFERENCES:
3F07F12F17 par-mus LD50:175 mg/kg AIPTAK 146,406,63

GU3560870 11H-CYCLOHEPTA(b)QUINOLIN-11-ONE, 5,6,7,8,9,10-HEXAHYDRO-4-METHOXY-
UPDT:8407 MW: 243.33 MOLFM: C15-H17-N-O2
SYN: 5,6,7,8,9,10-HEXAHYDRO-4-METHOXY-11H-CYCLOHEPTA(b)QUINOLIN-11-ONE * MAS 698
TOXICITY DATA AND REFERENCES:
2F07F17 par-mus LD50:100 mg/kg AIPTAK 146,406,63
2F07F17 unk-mus LD50:100 mg/kg AIPTAK 146,406,63
CYCLOHEPTATRIENE see: GU3675000

GU3675000 1,3,5-CYCLOHEPTATRIENE
UPDT:8312 CAS: 544-25-2 MW: 92.15 MOLFM: C7-H8
SYN: CYCLOHEPTATRIENE * CYCLOHEPTATRIENE (DOT) * TROPILIDENE * TROPILIDIN * UN 2603 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:57 mg/kg AOHYA3 10,123,67
skn-rat LD50:442 mg/kg AOHYA3 10,123,67
orl-mus LD50:171 mg/kg AOHYA3 10,123,67
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GU3825530 1,3,6-CYCLOHEPTATRIENE-1-CARBOXYLIC ACID, 3,6-DIHYDROXY-5-OXO-
UPDT:8408 CAS: 4440-39-5 MW: 182.14 MOLFM: C8-H6-O5
SYN: 3,6-DIHYDROXY-5-OXO-1,3,6-CYCLOHEPTATRIENE-1-CARBOXYLIC ACID * STIPITATIC ACID
TOXICITY DATA AND REFERENCES:
1F12 scu-mus LD50:1500 mg/kg YKKZAJ 91,550,71

GU3825560 1,3,6-CYCLOHEPTATRIENE-1-CARBOXYLIC ACID, 7-HYDROXY-6-OXO-
UPDT:8408 MW: 166.14 MOLFM: C8-H6-O4
SYN: 7-HYDROXY-6-OXO-1,3,6-CYCLOHEPTATRIENE-1-CARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
1F12 scu-mus LD50:500 mg/kg YKKZAJ 91,550,71
CYCLOHEPTATRIENE (DOT) see: GU3675000
CYCLOHEPTATRIENE MOLYBDENUM TRICARBONYL see: QA4700000
2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-(ACETYLOXY)- (9CI) see: YN2346000 TROPOLONE, ACETATE

GU3828300 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-AMINO-
UPDT:8412 CAS: 6264-93-3 MW: 121.15 MOLFM: C7-H7-N-O
SYN: 2-AMINO-2,4,6-CYCLOHEPTATRIEN-1-ONE * 2-AMINOTROPONE
TOXICITY DATA AND REFERENCES:
2F19J30 ipr-mus LD50:176 mg/kg CPBTAL 20,60,72
2F19J30 scu-mus LD50:175 mg/kg CPBTAL 20,60,72
3F19J24J30 ivn-mus LD50:333 mg/kg CPBTAL 20,60,72

GU3829250 2,4,6-CYCLOHEPTATRIEN-1-ONE, 4-AMINO-2-HYDROXY-
UPDT:8412 CAS: 698-49-7 MW: 137.15 MOLFM: C7-H7-N-O2
SYN: 4-AMINO-2-HYDROXY-2,4,6-CYCLOHEPTATRIEN-1-ONE * 4-AMINOTROPOLONE
TOXICITY DATA AND REFERENCES:
2F19J30 ipr-mus LD50:265 mg/kg CPBTAL 20,60,72

BEST COPY AVAILABLE

2F19J30 scu-mus LD50:400 mg/kg CPBTAL 20,60,72
* ivn-mus LD50:177 mg/kg YKKZAJ 92,19,72

GU3829500 2,4,6-CYCLOHEPTATRIEN-1-ONE, 5-AMINO-2-HYDROXY-
UPDT:8410 CAS: 7021-46-7 MW: 137.15 MOLFM: C7-H7-N-O2
SYN: 5-AMINO-2-HYDROXY-2,4,6-CYCLOHEPTATRIEN-1-ONE * 5-AMINOTROPOLONE

TOXICITY DATA AND REFERENCES:
3F12F29U26 ipr-mus LD50:230 mg/kg YKKZAJ 91,550,71
3F12F29U26 scu-mus LD50:521 mg/kg YKKZAJ 91,550,71
* ivn-mus LD50:175 mg/kg YKKZAJ 92,19,72

GU3830300 2,4,6-CYCLOHEPTATRIEN-1-ONE, 3,7-BIS(MORPHOLINOMETHYL)-2,5-DIHYDROXY-
UPDT:8410 CAS: 33739-52-5 MW: 336.43 MOLFM: C17-H24-N2-O5

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:506 mg/kg YKKZAJ 92,19,72

GU3830400 2,4,6-CYCLOHEPTATRIEN-1-ONE, 5,7-BIS(MORPHOLINOMETHYL)-2-HYDROXY-3-ISOPROPYL-
UPDT:8410 CAS: 34723-12-1 MW: 362.52 MOLFM: C20-H30-N2-O4

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:96 mg/kg YKKZAJ 92,19,72

GU3830500 2,4,6-CYCLOHEPTATRIEN-1-ONE, 5,7-BIS(MORPHOLINOMETHYL)-2-HYDROXY-3-ISOPROPYL-, DIHYDROCHLORIDE
UPDT:8408 CAS: 36170-25-9 MW: 435.44 MOLFM: C20-H30-N2-O4 2Cl-H
SYN: 5,7-BIS(MORPHOLINOMETHYL)-2-HYDROXY-3-ISOPROPYL-2,4,6-CYCLOHEPTATRIEN-1-ONE DIHYDROCHLORIDE * IDMT * 3-ISOPROPYL-5,7-DIMORPHOLINOMETHYLTROPOLONE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F13F19J30 ipr-mus LD50:75 mg/kg YKKZAJ 92,570,72
3F13F19J30 scu-mus LD50:120 mg/kg YKKZAJ 92,570,72
3F13F19J30 ivn-mus LD50:48 mg/kg YKKZAJ 92,570,72

GU3831000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 3-BROMO-2-HYDROXY-
UPDT:8408 CAS: 4584-68-3 MW: 201.03 MOLFM: C7-H5-Br-O2
SYN: 3-BROMO-2-HYDROXY-2,4,6-CYCLOHEPTATRIEN-1-ONE * 3-BROMOTROPOLONE

TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:112 mg/kg YKKZAJ 91,550,71
1F12 scu-mus LD50:162 mg/kg YKKZAJ 91,550,71

GU4029000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2,5-DIAMINO-, HYDROCHLORIDE
UPDT:8410 CAS: 034692-97-2 MW: 172.63 MOLFM: C7-H8-N2-O Cl-H

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:192 mg/kg YKKZAJ 92,19,72

GU4043000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2,3-DIHYDROXY-
UPDT:8408 MW: 138.13 MOLFM: C7-H6-O3
SYN: 2,3-DIHYDROXY-2,4,6-CYCLOHEPTATRIEN-1-ONE * 3-HYDROXYTROPOLONE

TOXICITY DATA AND REFERENCES:
3F12F29U26 ipr-mus LD50:345 mg/kg YKKZAJ 91,550,71
3F12F29U26 scu-mus LD50:520 mg/kg YKKZAJ 91,550,71
3F12F29U26 ivn-mus LD50:177 mg/kg YKKZAJ 91,550,71

GU4044000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2,5-DIHYDROXY-
UPDT:8409 CAS: 15852-34-3 MW: 138.13 MOLFM: C7-H6-O3
SYN: 2,5-DIHYDROXY-2,4,6-CYCLOHEPTATRIEN-1-ONE * 5-HYDROXYTROPOLONE

TOXICITY DATA AND REFERENCES:
3F12F29U26 ipr-mus LD50:221 mg/kg YKKZAJ 91,550,71
3F12F29U26 scu-mus LD50:376 mg/kg YKKZAJ 91,550,71

GU4075000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-HYDROXY-
UPDT:8412 CAS: 533-75-5 MW: 122.13 MOLFM: C7-H6-O2
SYN: PURPUROCATECHOL * TROPOLONE

TOXICITY DATA AND REFERENCES:
3F12F13F21 ipr-rat LD50:190 mg/kg TXCYAC 14,217,79
3F12F13F21 ipr-mus LD50:212 mg/kg TXCYAC 14,217,79
3F12F29U26 scu-mus LD50:233 mg/kg YKKZAJ 91,550,71
* ivn-mus LD50:106 mg/kg YKKZAJ 91,19,72

GU4076000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 4-HYDROXY-
UPDT:8410 CAS: 00463639-9 MW: 122.13 MOLFM: C7-H6-O2

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:241 mg/kg YKKZAJ 92,19,72

GU4200000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-HYDROXY-4-ISOPROPYL-
UPDT:8408 CAS: 499-44-5 MW: 164.22 MOLFM: C10-H12-O2
SYN: 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-HYDROXY-4-(1-METHYLETHYL)- (9CI) * HINOKITIOL * HINOKITOL * 2-HYDROXY-4-ISOPROPYL-2,4,6-CYCLOHEPTATRIEN-1-ONE * beta-ISOPROPYLTROPOLON * 4-ISOPROPYLTROPOLONE * beta-THUJAPLICIN * beta-THUJAPLICINE * TROPOLONE, 4-ISOPROPYL-

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:85 mg/kg JMCMAR 6,755,63
3F12F29U26 scu-mus LD50:541 mg/kg YKKZAJ 91,550,71
3F12F29U26 ivn-mus LD50:128 mg/kg YKKZAJ 91,550,71
scu-gpg LDLo:500 mg/kg JAPMA8 48,722,59

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GU4550000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-HYDROXY-4-METHYL-
UPDT:8408 CAS: 583-80-2 MW: 136.16 MOLFM: C8-H8-O2
SYN: 2-HYDROXY-4-METHYL-2,4,6-CYCLOHEPTATRIEN-1-ONE * 4-METHYL-TROPOLONE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:535 mg/kg JMCMAR 6,755,63
scu-mus LD50:189 mg/kg NYKZAU 53,918,57
ivn-mus LD50:51 mg/kg NYKZAU 53,918,57

2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-HYDROXY-4-(1-METHYLETHYL)- (9CI) see: GU4200000

GU4605000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-HYDROXY-3,5,7-TRIS(MORPHOLINOMETHYL)-
UPDT:8410 CAS: 33902-86-2 MW: 419.58 MOLFM: C22-H33-N3-O5
SYN: 2-HYDROXY-3,5,7-TRIS(MORPHOLINOMETHYL)-2,4,6-CYCLOHEPTATRIEN-1-ONE * 3,5,7-TRIMORPHOLINOMETHYLTROPOLONE

TOXICITY DATA AND REFERENCES:
1F12 scu-mus LD50:2 gm/kg YKKZAJ 91,550,71
* ivn-mus LD50:226 mg/kg YKKZAJ 92,19,72

GU4606000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-METHOXY-
UPDT:8410 CAS: 2161-40-2 MW: 136.16 MOLFM: C8-H8-O2

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:176 mg/kg YKKZAJ 92,19,72

GU4615000 CYCLOHEPTENE
UPDT:8312 CAS: 628-92-2 MW: 96.19 MOLFM: C7-H12
SYN: CYCLOHEPTENE (DOT) * UN 2242 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE LIQUID; LABEL-FLAMMABLE LIQUID CFRGBR 49,172 102,83

CYCLOHEPTENE (DOT) see: GU4615000
4-alpha-CYCLOHEPTEN-2-YLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3087000
4-alpha-CYCLOHEPTEN-2-YLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM p-TOLUENESULFONATE see: TM3087200
CYCLOHEPTENYLETHYLBARBITURIC ACID see: CQ2450000
5-(1-CYCLOHEPTEN-1-YL)-5-ETHYLBARBITURIC ACID SODIUM SALT see: CQ2455000
5-(1-CYCLOHEPTEN-1-YL)-5-ETHYLBARBITURIC ACID see: CQ2450000
CYCLOHEPTENYLETHYLMALONYLUREA see: CQ2450000
5-(1-CYCLOHEPTEN-1-YL)-5-ETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE see: CQ2450000
4-alpha-CYCLOHEPTYLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3087400
3-CYCLOHEPTYL-CYCLOBUTANECARBOXYLIC ACID see: GU1342000
N-CYCLOHEPTYL-9,10-DIDEHYDRO-6-METHYL-ERGOLINE-8-beta-CARBOXAMIDE MALEATE see: KE2820000
1-CYCLOHEPTYLOXY-3-AMINO-2-PROPANOL see: UA5791000 2-PROPANOL, 1-AMINO-3-(CYCLOHEPTYLOXY)-
1-CYCLOHEPTYLOXY-3-GUANIDINO-2-PROPANOL SULFATE (2:1) see: MF0231000 GUANIDINE, 1-(3-(CYCLOHEPTYLOXY)-2-HYDROXYPROPYL)-, SULFATE (2:1)
1-(3-(CYCLOHEPTYLOXY)-2-HYDROXYPROPYL)GUANIDINE HEMISULFATE see: MF0231000 GUANIDINE, 1-(3-(CYCLOHEPTYLOXY)-2-HYDROXYPROPYL)-, SULFATE (2:1)
CYCLOHEXAAMYLOSE see: GU2292000
CYCLOHEXAAN (Dutch) see: GU6300000
CYCLOHEXADECANOLIDE see: RN9730000

GU4760000 1,3-CYCLOHEXADIENE-1-CARBOXYLIC ACID, 5-AMINO-, (-)-
UPDT:8308 CAS: 59556-29-5 MW: 139.17 MOLFM: C7-H9-N-O2
SYN: (-)-5-AMINO-1,3-CYCLOHEXADIENE-1-CARBOXYLIC ACID * 708-B * GABACULIN * GABACULINE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:43 mg/kg 85GDA2 6,68,81
* ipr-mus LD50:24 mg/kg 85GDA2 6,68,81

GU4800000 1,4-CYCLOHEXADIENE-1-CARBOXYLIC ACID, 3-(BIS(3-CARBOXY-4-HYDROXYPHENYL)METHYLENE)-6-OXO-, TRIAMMONIUM SALT
UPDT:8401 CAS: 569-58-4 MW: 472.48 MOLFM: C22-H23-N3-O9
SYN: ALUMINON * AMMONIUM AURINTRICARBOXYLATE * AURINE TRICARBOXYLATE D'AMMONIUM (French) * AURINTRICARBOXYLIC ACID AMMONIUM SALT * C.I. MORDANT VIOLET 39, TRIAMMONIUM SALT (8CI)

MUTATION DATA AND REFERENCES:
dni-mus-ipr 211 umol/kg VAAZA2 23,137,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-man TDLo:857 ug/kg (60D male) CRSBAW 156,1701,62
1T23 orl-rat TDLo:1200 mg/kg (3D male) CRSBAW 156,1701,62

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4 mg/kg 85ESA3 9,36,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GU4808000 1,4-CYCLOHEXADIENE-1,4-DICARBAMIC ACID, 2,5-BIS(1-AZIRIDINYL)-3,6-DIOXO-, DIETHYL ESTER
UPDT:8311 MW: 364.40 MOLFM: C16-H20-N4-O6
SYN: AZIRIDINYLBENZOQUINONE * AZQ * 2,5-BIS(1-AZIRIDINYL)-3,6-DIOXO-1,4-CYCLOHEXADIENE-1,4-DICARBAMIC ACID DIETHYL ESTER * 3,6-DIAZIRIDINYL-2,5-BIS(CARBOETHOXYAMINO)-1,4-BENZOQUINONE * NSC-182896

MUTATION DATA AND REFERENCES:
dnd-omi 1 umol/L PAACA3 24,322,83
dns-ham:ovr 300 nmol/L PAACA3 24,322,83

CYCLOHEXADIENEDIONE see: DK2625000
1,4-CYCLOHEXADIENEDIONE see: DK2625000
2,5-CYCLOHEXADIENE-1,4-DIONE see: DK2625000
3,5-CYCLOHEXADIENE-1,2-DIONE (9CI) see: DK2490000
2,5-CYCLOHEXADIENE-1,4-DIONE, 2-((ACETYLOXY)METHYL)- see: DK5163000
2,5-CYCLOHEXADIENE-1,4-DIONE, 2-((ACETYLOXY)METHYL)-3,5-DIMETHOXY- see: DK4785000
2,5-CYCLOHEXADIENE-1,4-DIONE, 2-((ACETYLOXY)METHYL)-2,3-DIMETHYL- see: DK4870000
2,5-CYCLOHEXADIENE-1,4-DIONE, 2-((ACETYLOXY)METHYL)-5-METHYL- see: DK5166000
2,5-CYCLOHEXADIENE-1,4-DIONE, 2,5-BIS(1-AZIRIDINYL)-3,6-DIPROPOXY- (9CI) see: DK3327000
2,5-CYCLOHEXADIENE-1,4-DIONE compd. with 1,4-BENZENEDIOL (1:1) see: VA4550000
2,5-CYCLOHEXADIENE-1,4-DIONE, 2,3-DIMETHYL- (9CI) see: DK4790000
2,5-CYCLOHEXADIENE-1,4-DIONE, 2,5-DIHYDROXY-3-UNDECYL- (9CI) see: DK4230000
2,5-CYCLOHEXADIENE-1,4-DIONE, DIOXIME see: DK4900000
2,5-CYCLOHEXADIENE-1,4-DIONE, 2-(HYDROXYMETHYL)-5-METHYL- see: DK5165000
1,4-CYCLOHEXADIENE DIOXIDE see: DK2625000
1,3-CYCLOHEXADIENE, 1-METHYL-4-ISOPROPYL- see: OS8060000
1,4-CYCLOHEXADIENE, 1-METHYL-4-ISOPROPYL- see: OS8070000
1,3-CYCLOHEXADIENE, 2-METHYL-5-(1-METHYLETHYL)- see: OS8080000
CYCLOHEXA-1,3-DIENE OXIDE see: RN8780000
2,5-CYCLOHEXADIEN-1-ONE, 4-ACETYLIMINO- see: AC6960000

GU5425700 2,5-CYCLOHEXADIEN-1-ONE, 4-((p-ACETYLPHENYL)IMINO)-2,6-DICHLORO-
UPDT:8303 MW: 310.14 MOLFM: C14-H9-Cl2-N-O3
SYN: 4-((p-ACETYLPHENYL)IMINO)-2,6-DICHLORO-2,5-CYCLOHEXADIEN-1-ONE

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:80 mg/kg EJMCA5 17,349,82

GU5433500 2,5-CYCLOHEXADIEN-1-ONE, 4-((3-CHLORO-4-HYDROXYPHENYL)IMINO)-2,6-DICHLORO-, SODIUM SALT
UPDT:8303 MW: 324.52 MOLFM: C12-H5-Cl3-N-O2 Na
SYN: 4-((3-CHLORO-4-HYDROXYPHENYL)IMINO)-2,6-DICHLORO-2,5-CYCLOHEXADIEN-1-ONE SODIUM SALT

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:45 mg/kg EJMCA5 17,349,82

GU5495000 2,5-CYCLOHEXADIEN-1-ONE, 2,6-DICHLORO-4-((p-HYDROXYPHENYL)IMINO)-, SODIUM SALT
UPDT:8303 MW: 290.08 MOLFM: C12-H6-Cl2-N-O2 Na
SYN: 2,6-DICHLORO-4-((p-HYDROXYPHENYL)IMINO)-2,5-CYCLOHEXADIEN-1-ONE SODIUM SALT

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:75 mg/kg EJMCA5 17,349,82

2,4-CYCLOHEXADIEN-1-ONE, 3,5-DIHYDROXY-4-ISOVALERYL-2,6,6-TRIS(3-METHYL-2-BUTENYL)- see: OK5950000

GU5610000 2,5-CYCLOHEXADIEN-1-ONE, 3-HYDROXY-4-HYDROXYIMINO-
UPDT:8303 MW: 139.12 MOLFM: C6-H5-N-O3
SYN: BENZOQUINONE, 2-HYDROXY-, 1-OXIME * 3-HYDROXY-4-HYDROXYIMINO-2,5-CYCLOHEXADIEN-1-ONE

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:82 mg/kg EJMCA5 17,349,82

CYCLOHEXAMETHYLENIMINE see: CM3150000
CYCLOHEXAMINE SULFATE see: GX1800000
CYCLOHEXAN (German) see: GU6300000

GU5850000 CYCLOHEXANEACETIC ACID, alpha-ETHYL-1-HYDROXY-4-(p-HYDROXYPHENYL)-
UPDT:8303 MW: 278.38 MOLFM: C16-H22-O4
SYN: ACIDO alpha-(1-IDROSSI-4-(4-IDROSSIFENIL)CICLOESIL)BUTTIRICO (Italian) * alpha-ETHYL-1-HYDROXY-4-(p-HYDROXYPHENYL)CYCLOHEXANEACETIC ACID * 4-HYDROXYPHENYL FENCIBUTIROL * MG 13662

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1200 mg/kg FRPSAX 37,310,82

GU5860000 CYCLOHEXANEACETIC ACID, alpha-PHENYL-, 2-(4-ETHYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8403 MW: 431.50 MOLFM: C22-H34-N2-O2 2Cl-H
SYN: alpha-PHENYLCYCLOHEXANEACETIC ACID 2-(4-ETHYL 1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:132 mg/kg JAPMA8 46,279,57

GU5865000 CYCLOHEXANEACETIC ACID, alpha-PHENYL-, 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8403 MW: 417.47 MOLFM: C21-H32-N2-O2 2Cl-H

BEST COPY AVAILABLE

SYN: alpha-PHENYLCYCLOHEXANEACETIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:145 mg/kg JAPMA8 46,279,57

CYCLOHEXANAMINE see: GX0700000

CYCLOHEXANAMINE, N-CYCLOHEXYL-, NITRATE (9CI) see: HY4195000

CYCLOHEXANAMINE, N,N-DIMETHYL- (9CI) see: GX11980J0

CYCLOHEXANAMINE HYDROCHLORIDE see: GX1440000

GU6300000 CYCLOHEXANE

UPDT:8407 CAS: 110-82-7 MW: 84.18 MOLFM: C6-H12
SYN: BENZENE, HEXAHYDRO- * CICLOESANO (Italian) * CYCLOHEXAAN (Dutch) * CYCLOHEXAN (German) * CYCLOHEXANE (DOT) * CYKLOHEKSAN (Polish) * HEXAHYDROBENZENE * HEXAMETHYLENE * HEXANAPHTHENE * RCRA WASTE NUMBER U056 * UN 1145 (DOT)

IRRITATION DATA AND REFERENCES:
eye-hmn 5 ppm JOCMA7 2,383,60
skn-rbt 1548 mg/20-I JIHTAB 25,199,43

MUTATION DATA AND REFERENCES:
dnd-esc 10 umol/L MUREAV 89,95,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:29820 mg/kg JIHTAB 25,415,43
* ipr-mus LD50:1297 mg/kg SCCUR* -,3,61
orl-rbt LDLo:5500 mg/kg JIHTAB 25,199,43
ivn-rbt LDLo:77 mg/kg JPMRAB 3,1,28

REVIEW AND REFERENCES:
★ TLV-TWA 300 ppm; STEL 375 ppm DTLVS* 4,111,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 300 ppm (SCP-C) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1500
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

GU6400000 CYCLOHEXANEACETAMIDE, alpha-(2-(DIETHYLAMINO)ETHYL)-alpha-PHENYL-, OXALATE, DIHYDRATE

UPDT:8305 MW: 442.62 MOLFM: C20-H32-N2-O C2-H2-O4 2H2-O
SYN: alpha-(2-(DIETHYLAMINO)ETHYL)-alpha-PHENYLCYCLOHEXANEACETAMIDE OXALATE DIHYDRATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:82 mg/kg AIPTAK 103,100,55

GU6420000 CYCLOHEXANEACETAMIDE, alpha-(2-(DIMETHYLAMINO)ETHYL)-alpha-PHENYL-, OXALATE

UPDT:8305 MW: 378.52 MOLFM: C18-H28-N2-O C2-H2-O4
SYN: alpha-(2-(DIMETHYLAMINO)ETHYL)-alpha-PHENYLCYCLOHEXANEACETAMIDE OXALATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:110 mg/kg AIPTAK 103,100,55

GU6495000 CYCLOHEXANEACETIC ACID, ALLYL ESTER

UPDT:8305 CAS: 4728-82-9 MW: 182.29 MOLFM: C11-H18-O2
SYN: ACETIC ACID, CYCLOHEXYL-, ALLYL ESTER * ALLYL CYCLOHEXANEACETATE * ALLYL CYCLOHEXYLACETATE * CYCLOHEXANEACETIC ACID, 2-PROPENYL ESTER (9CI) * CYCLOHEXYLACETIC ACID ALLYL ESTER

IRRITATION DATA AND REFERENCES:
skn-hmn 20 mg/48H MLD FCTXAV 15,617,77
skn-rbt 500 mg/24H MOD FCTXAV 15,617,77

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:900 mg/kg FCTXAV 15,617,77
* skn-rbt LD50:1250 mg/kg FCTXAV 15,617,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GU6555200 CYCLOHEXANEACETIC ACID, alpha-ETHYL-1-HYDROXY-

UPDT:8403 CAS: 512-16-3 MW: 186.20 MOLFM: C10-H18-O3
SYN: CYCLOBUTYROL * 1-CYCLOHEXANOL-alpha-BUTYRIC ACID * alpha-ETHYL-1-HYDROXYCYCLOHEXANEACETIC ACID * HEBUCOL * alpha-(1-HYDROXYCYCLOHEXYL)BUTYRIC ACID * 1-HYDROXY-alpha-ETHYLCYCLOHEXYLACETIC ACID * JL 130

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4820 mg/kg NIIRDN 6,313,82
* scu-rat LD50:3230 mg/kg NIIRDN 6,313,82
* ivn-rat LD50:1760 mg/kg NIIRDN 6,313,82
* scu-mus LD50:4200 mg/kg NIIRDN 6,313,82
* ivn-mus LD50:2900 mg/kg NIIRDN 6,313,82
* ivn-rbt LD50:1920 mg/kg NIIRDN 6,313,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GU6555300 CYCLOHEXANEACETIC ACID, alpha-ETHYL-1-HYDROXY-4-PHENYL-

UPDT:8303 MW: 262.38 MOLFM: C16-H22-O3
SYN: ACIDO alpha-(1-IDROSSI-4-FENILCICLOESIL)BUTTIRICO (Italian) * alpha-ETHYL-1-HYDROXY-4-PHENYLCYCLOHEXANEACETIC ACID * FENCIBUTIROL * FENCIBUTIROLO (Italian)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg FRPSAX 20,393,65
* ivn-mus LD50:420 mg/kg FRPSAX 37,310,82

GU6825000 CYCLOHEXANEACETIC ACID, alpha-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8405 CAS: 548-66-3 MW: 353.98 MOLFM: C20-H31-N-O2 Cl-H
SYN: ADIPHENINE H HYDROCHLORIDE * BENZENEACETIC ACID, alpha-CYCLOHEXYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE * CYCLOADIPHENINE * CYCLOADIPHENINE HYDROCHLORIDE * alpha-CYCLOHEXYLBENZENEACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * CYCLOHEXYLPHENYLACETYLDIETHYLAMINOETHANOL HYDROCHLORIDE * CYCLOSPASMOL (TEMPELHOF) * CYCLOVEGANTINE * CYCLOVESANTINE * 2-(DIETHYLAMINO)ETHYL alpha-CYCLOHEXYLBENZENEACETATE * 2-DIETHYLAMINOETHYL(alpha-PHENYLCYCLOHEXAME)ACETATE HYDROCHLORIDE * DROFENINE HYDROCHLORIDE * HEXAHYDROADIPHENINE HYDROCHLORIDE * IT-19 * alpha-PHENYLCYCLOHEXANEACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * alpha-PHENYL-CYCLOHEXYLESSIGSAEURE-2-DIAETHYLAMINO-AETHYLESTER-HYDROCHLORID (German) * TRASENTINE-A * TRASENTINE-6H HYDROCHLORIDE * TRASENTINE-A HYDROCHLORIDE * TRASENTIN H

TOXICITY DATA AND REFERENCES:
1E15 ivn-mus LD50:65600 ug/kg ARZNAD 11,1119,61

CYCLOHEXANEACETIC ACID, 2-PROPENYL ESTER (9CI) see: GU6495000

GU6940000 CYCLOHEXANEACRYLIC ACID, beta-METHYL-

UPDT:8403 CAS: 25229-42-9 MW: 168.26 MOLFM: C10-H16-O2
SYN: ACCROBILE * AD-106 * 2-BUTENOIC ACID, 3-CYCLOHEXYL- (9CI) * CICROTOIC ACID * 3-CYCLOHEXYL-2-BUTENOIC ACID * beta-CYCLOHEXYL-beta-METHACRYLIC ACID * beta-METHYLCYCLOHEXANEACRYLIC ACID * beta-METHYLCYCLOHEXANEPROPENOIC ACID

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2900 mg/kg MEIEDD 10,323,83
* orl-mus LD50:1925 mg/kg MEIEDD 10,323,83

1,4-CYCLOHEXANEBIS(METHYLAMINE), N,N'-BIS(o-CHLOROBENZYL)-, DIHYDROCHLORIDE see: GU7025000

GU7025000 1,4-CYCLOHEXANEBIS(METHYLAMINE), N,N'-BIS(2-CHLOROBENZYL)-, DIHYDROCHLORIDE, (E)-

UPDT:8411 CAS: 366-93-8 MW: 464.34 MOLFM: C22-H28-Cl2-N2 2Cl-H
SYN: AY 9944 * BENZYLAMINE, N,N'-(1,4-CYCLOHEXYLENEDIMETHYLENE)BIS(2-CHLORO-, DIHYDROCHLORIDE, (E)- * trans-1,4-BIS(2-CHLOROBENZAMINOMETHYL)CYCLOHEXANE DIHYDROCHLORIDE * trans-N,N'-BIS(2-CHLOROBENZYL)-1,4-CYCLOHEXANEBIS(METHYLAMINE) DIHYDROCHLORIDE * trans 1,4-BIS(2-DICHLOROBENZYLAMINOETHYL)CYCLOHEXANE DICHLORHYDRATE (French) * 1,4-CYCLOHEXANEBIS(METHYLAMINE), N,N'-BIS(o-CHLOROBENZYL)-, DIHYDROCHLORIDE * 1,4-CYCLOHEXANEDIMETHANAMINE, N,N'-BIS(2-CHLOROPHENYL)METHYL)-, DIHYDROCHLORIDE, trans- * trans-N,N'-(1,4-CYCLOHEXYLENEDIMETHYLENE)BIS(2-CHLOROBENZYLAMINE) DIHYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T55T53T42 orl-rat TDLo:150 mg/kg (2-4D preg) CRSBAW 171,15,77
2T41T35 orl-rat TDLo:150 mg/kg (2-4D preg) CRSBAW 171,15,77
1T46 orl-rat TDLo:150 mg/kg (2-4D preg) JONUAI 110,2310,80
1T43 orl-rat TDLo:150 mg/kg (2-4D preg) CRSBAW 171,15,77
3T35T43T53 unk-rat TDLo:75 mg/kg (1-15D preg) CRSBAW 160,1353,66
3T52T53T83 unk-rat TDLo:225 mg/kg (2-4D preg) TJADAB 29(3),32A,84
1T41 unk-rat TDLo:50 mg/kg (4D preg) TJADAB 29(3),19A,84
3T42T53T55 unk-rat TDLo:150 mg/kg (2-4D preg) CRSBAW 166,1233,72
1T43 orl-mus TDLo:70 mg/kg (1-14D preg) CRSBAW 163,327,69
1T35 orl-mus TDLo:700 mg/kg (1-14D preg) CRSBAW 163,327,69
3T25T35T41 orl-rbt TDLo:650 mg/kg (1-13D preg) CRSBAW 163,327,69

TOXICITY DATA AND REFERENCES:
orl-mus LD50:541 mg/kg JMCMAR 9,329,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GU7174200 CYCLOHEXANECARBAMIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8306 MW: 278.87 MOLFM: C13-H26-N2-O2 Cl-H
SYN: AMMONIUM, DIETHYL(2-HYDROXYETHYL)-, CHLORIDE, CYCLOHEXANECARBAMATE * 2-(DIETHYLAMINO)ETHYL ESTER of CYCLOHEXANECARBAMIC ACID HYDROCHLORIDE * DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE CYCLOHEXANECARBAMATE * 1349 HC

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:75 mg/kg COREAF 251,3119,60

GU7175000 CYCLOHEXANECARBAMIC ACID, 1,1-DIPHENYL-2-PROPYNYL ESTER

UPDT:8401 CAS: 10087-89-5 MW: 333.46 MOLFM: C22-H23-N-O2
SYN: CARBAMIC ACID, CYCLOHEXYL-, 1,1-DIPHENYL-2-PROPYNYL ESTER (9CI) * 1,1-DIPHENYL-2-PROPYNYL-N-CYCLOHEXYLCARBAMATE * ENPROMATE * 2-PROPYN-1-OL, 1,1-DIPHENYL-, CYCLOHEXANECARBAMATE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate PNASA6 72,5135,75
dns-rat:ivr 10 umol/L ENMUDM 3,11,81

TUMORIGENIC DATA AND REFERENCES:
3V03K60R60 orl-rat TDLo:1690 mg/kg/27W-C PAACA3 10,35,69
3V03K60R60 scu-rat TDLo:1925 mg/kg/11W-C PAACA3 10,35,69

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:374 mg/kg JMCMAR 11,1155,68

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GU7200000 CYCLOHEXANECARBAMIC ACID, N-ETHYLTHIO-, S-ETHYL ESTER

UPDT:8408 CAS: 1134-23-2 MW: 215.39 MOLFM: C11-H21-N-O-S
SYN: CARBAMIC ACID, CYCLOHEXYLETHYLTHIO-, S-ETHYL ESTER * CARBAMOTHIOIC ACID, CYCLOHEXYLETHYL-, S-ETHYL ESTER * CYCLOATE * S-ETHYL CYCLOHEXYLETHYLTHIOCARBAMATE * S-ETHYL N-ETHYL N-CYCLOHEXYLTHIOLCARBAMATE * EUREX * HEXYLTHIOCARBAM * R 2063 * RO-NEET * RONIT

MUTATION DATA AND REFERENCES:
cyt-mus-unk 200 mg/kg TGANAK 16(1),45,82

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2000 mg/kg FMCHA2 -,C207,83
* unk-rat LD50:2325 mg/kg EQSSDX 3,618,75
* orl-mus LD50:2285 mg/kg 85GMAT -,66,82
* unk-mus LD50:2300 mg/kg TGANAK 16(1),45,82
* unk-mam LD50:2300 mg/kg GISAAA 45(5),29,80

GU7420000 CYCLOHEXANECARBONITRILE, 1,1'-AZOBIS-

UPDT:8403 MW: 244.38 MOLFM: C14-H20-N4
SYN: AZODI-(1,1'-HEXAHYDROBENZONITRILE) (DOT) * UN 2954 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83

GU7460000 CYCLOHEXANECARBONITRILE, 1-(CYCLOHEXYLAMINO)-

UPDT:8311 MW: 206.37 MOLFM: C13-H22-N2
SYN: 1-(CYCLOHEXYLAMINO)CYCLOHEXANECARBONITRILE

TOXICITY DATA AND REFERENCES:
2F12J26 ipr-mus LD50:33 mg/kg JJATDK 2,16,82

GU7490000 CYCLOHEXANECARBONITRILE, 1-(DIMETHYLAMINO)-

UPDT:8311 CAS: 16499-30-2 MW: 152.27 MOLFM: C9-H16-N2
SYN: 1-(DIMETHYLAMINO)CYCLOHEXANECARBONITRILE

TOXICITY DATA AND REFERENCES:
2F12J26 ipr-mus LD50:22 mg/kg JJATDK 2,16,82

GU7560000 CYCLOHEXANECARBONITRILE, 1-(ETHYLAMINO)-

UPDT:8311 CAS: 22912-24-9 MW: 152.27 MOLFM: C9-H16-N2
SYN: 1-(ETHYLAMINO)CYCLOHEXANECARBONITRILE

TOXICITY DATA AND REFERENCES:
2F12J26 ipr-mus LD50:25 mg/kg JJATDK 2,16,82

GU7726500 CYCLOHEXANECARBONITRILE, 1-(METHYLAMINO)-

UPDT:8311 CAS: 6289-40-3 MW: 138.24 MOLFM: C8-H14-N2
SYN: 1-(METHYLAMINO)CYCLOHEXANECARBONITRILE

TOXICITY DATA AND REFERENCES:
2F12J26 ipr-mus LD50:22 mg/kg JJATDK 2,16,82

GU7727900 CYCLOHEXANECARBONITRILE, 1-MORPHOLINO-

UPDT:8311 CAS: 42419-59-0 MW: 194.31 MOLFM: C11-H18-N2-O
SYN: CYCLOHEXANECARBONITRILE, 1-(4-MORPHINYL)- * 1-MORPHOLINOCYCLOHEXANECARBONITRILE

TOXICITY DATA AND REFERENCES:
2F12J26 ipr-mus LD50:28 mg/kg JJATDK 2,16,82

CYCLOHEXANECARBONITRILE, 1-(4-MORPHINYL)- see: GU7727900

GU7735000 CYCLOHEXANECARBONITRILE, 1-PIPERIDINO-

UPDT:8311 CAS: 3867-15-0 MW: 192.34 MOLFM: C12-H20-N2
SYN: 1-(1-CYANOCYCLOHEXYL)PIPERIDINE * CYCLOHEXANECARBONITRILE, 1-(1-PIPERIDINYL)- (9CI) * PCC * PIPERIDINOCYCLOHEXANECARBONITRILE * 1-PIPERIDINOCYCLOHEXANECARBONITRILE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:133 mg/kg JPPMAB 28,713,76
* ipr-mus LD50:30 mg/kg JATOD3 4,119,80
* ivn-mus LD50:18 mg/kg CSLNX* NX#03387

CYCLOHEXANECARBONITRILE, 1-(1-PIPERIDINYL)- (9CI) see: GU7735000

CYCLOHEXANECARBONITRILE, 1-PYRROLIDINO- see: GU7740000

GU7740000 CYCLOHEXANECARBONITRILE, 1-(1-PYRROLIDINYL)-

UPDT:8311 CAS: 22912-25-0 MW: 178.31 MOLFM: C11-H18-N2
SYN: 1-(1-CYANOCYCLOHEXYL)PYRROLIDINE * CYCLOHEXANECARBONITRILE, 1-PYRROLIDINO- * 1-PYRROLIDINOCYCLOHEXANECARBONITRILE

TOXICITY DATA AND REFERENCES:
2F12J26 ipr-mus LD50:39 mg/kg JJATDK 2,16,82
* ivn-mus LD50:10 mg/kg CSLNX* NX#03415

GU7746000 CYCLOHEXANECARBOTHIOAMIDE, N-(4-CHLOROPHENYL)-2,6-DIOXO-

UPDT:8410 CAS: 35727-72-1 MW: 281.77 MOLFM: C13-H12-Cl-N-O2-S
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:964 mg/kg USXXAM #3746765

BEST COPY AVAILABLE

* ivn-rat LD50:229 mg/kg USXXAM #3746765

GU7875000 CYCLOHEXANECARBOXALDEHYDE, 3,3,5-TRIMETHYL-
UPDT:8407 CAS: 1845-38-1 MW: 154.28 MOLFM: C10-H18-O
SYN: 3,3,5-TRIMETHYLCYCLOHEXANECARBOXALDEHYDE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4140 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:15800 mg/kg AMIHBC 10,61,54

GU8390000 CYCLOHEXANECARBOXYLIC ACID, 3-(1-(ALLYLOXYAMINO)BUTYLIDENE)-6,6-DIMETHYL-2,4-DIOXO-, METHYL ESTER, SODIUM SALT
UPDT:8309 MW: 345.41 MOLFM: C17-H24-N-O5 Na
SYN: ADS * 2-(1-ALLYLOXYAMINOBUTYLIDENE)-5,5-DIMETHYLMETHOXYCARBONYLCYCLOHEXANE-1,3-DIONE SODIUM SALT * ALLOXYDIM-SODIUM * CLOUT * FERVIN * GRASIP * GRASIPAN * GRASPAZ * KUSAGARD * NP-48 * NP-48 Na

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2322 mg/kg FMCHA2 -,C11,83

GU8400000 CYCLOHEXANECARBOXYLIC ACID, 4-(AMINOMETHYL)-, trans-
UPDT:8408 CAS: 1197-18-8 MW: 157.24 MOLFM: C8-H15-N-O2
SYN: AMCHA * trans AMCHA * AMIKAPRON * trans-4-AMINOETHYLCYCLOHEXANE-1-CARBOXYLIC ACID * trans-p-(AMINOMETHYL)CYCLOHEXANECARBOXYLIC ACID * trans-1-AMINOMETHYLCYCLOHEXANE-4-CARBOXYLIC ACID * trans-4-(AMINOMETHYL)CYCLOHEXANECARBOXYLIC ACID * trans-4-AMINOMETHYLCYCLOHEXANE-1-CARBOXYLIC ACID * trans-4-AMINOMETHYL-1-CYCLOHEXANECARBOXYLIC ACID * AMSTAT * ANVITOFF * BAY 3517 * CL 65336 * CYCLOCAPRON * DV-79 * EMORHALT * EXACYL * FRENOLYSE * HEXAPROMIN * HEXATRON * RIKAVARIN * RP 18.429 * SPIRAMIN * TAMCHA * TRANEX * TRANEXAMIC ACID * TRANEXAN * TRANHEXAMIC ACID * TRANSAMIN * TRANSAMLON * UGUROL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:305 gm/kg (40D pre/1-21D preg) APTOA6 22,340,65
1T34 orl-rat TDLo:9 mg/kg (9-14D preg) OYYAA2 5,415,71
1T02 orl-rat TDLo:364 gm/kg (91D male) OYYAA2 5,395,71
1T12 orl-rat TDLo:136 gm/kg (91D pre) OYYAA2 5,395,71
1T76 orl-mus TDLo:9 mg/kg (7-12D preg) OYYAA2 5,415,71

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3000 mg/kg APTOA6 22,340,65
ipr-rat LD50:4200 mg/kg 85ESA3 9,1230,76
* scu-rat LD50:4620 mg/kg NIIRDN 6,512,82
* ivn-rat LD50:1200 mg/kg APTOA6 22,340,65
* scu-mus LD50:5310 mg/kg NIIRDN 6,512,82
* ivn-mus LD50:1350 mg/kg NIIRDN 6,512,82
* ivn-dog LD50:1110 mg/kg NIIRDN 6,512,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GU8480000 CYCLOHEXANECARBOXYLIC ACID, 3-((3-(3,4-DIHYDROXYPHENYL)-1-OXO-2-PROPENYL)OXY)- 1,4,5-TRIHYDROXY-, (1S-(1-alpha,3-beta,4-alpha,5-alpha))-
UPDT:8406 CAS: 327-97-9 MW: 354.34 MOLFM: C16-H18-O9
SYN: 3-CAFFEOYLQUINIC ACID * 3-O-CAFFEOYLQUINIC ACID * CHLOROGENIC ACID

MUTATION DATA AND REFERENCES:
mrc-smc 1 gm/L MUREAV 135,109,84
cyt-ham:ovr 250 mg/L MUREAV 111,209,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ipr-rat TDLo:40 mg/kg (5-12D preg) TXAPA9 36,227,76

TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:4000 mg/kg TXAPA9 36,227,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GU8560000 CYCLOHEXANECARBOXYLIC ACID, 1-(2-HEXAMETHYLENEIMINOETHYL)-2-OXO-, BENZYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 1169-26-2 MW: 394.00 MOLFM: C22-H31-N-O3 Cl-H
SYN: 2-(beta-HEXAMETHYLENIMINOAETHYL)CYCLOHEXANON-2-CARBONSAUREBENZYLESTER-HCl (German) * 1-(2-HEXAMETHYLENEIMINOETHYL)-2-OXOCYCLOHEXANECARBOXYLIC ACID BENZYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:450 mg/kg ARZNAD 14,986,64
ipr-rat LD50:56 mg/kg ARZNAD 14,986,64
scu-rat LD50:72 mg/kg ARZNAD 14,986,64
orl-mus LD50:110 mg/kg ARZNAD 14,986,64
ipr-mus LD50:75 mg/kg ZGEMAZ 113,536,44
scu-mus LD50:10 gm/kg ARZNAD 14,986,64
ivn-mus LD50:12 mg/kg

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOHEXANECARBOXYLIC ACID, LEAD SALT see: QK9150000

GU8634700 CYCLOHEXANECARBOXYLIC ACID, 1-PHENYL-, 2-(4-ETHYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8403 MW: 417.47 MOLFM: C21-H32-N2-O2 2Cl-H
SYN: 1-PHENYLCYCLOHEXANECARBOXYLIC ACID 2-(4-ETHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:105 mg/kg JAPMA8 46,279,57

GU8634800 CYCLOHEXANECARBOXYLIC ACID, 1-PHENYL-, 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8403 MW: 403.44 MOLFM: C20-H30-N2-O2 2Cl-H
SYN: 1-PHENYLCYCLOHEXANECARBOXYLIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:90 mg/kg JAPMA8 46,279,57
CYCLOHEXANECARBOXYLIC ACID, TRIBUTYLSTANNYL ESTER see: WH6873000

GU8925000 2,4-CYCLOHEXANEDIAMINE, 1-METHYL-
UPDT:8307 CAS: 13897-55-7 MW: 128.25 MOLFM: C7-H16-N2
SYN: 1,3-CYCLOHEXANEDIAMINE, 4-METHYL- (8CI,9CI) * 2,4-DIAMINOMETHYLCYCLOHEXANE * 2,4-DIAMINO-1-METHYLCYCLOHEXANE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1410 mg/kg AIHAAP 30,470,69
skn-rbt LD50:500 mg/kg AIHAAP 30,470,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,3-CYCLOHEXANEDIAMINE, 4-METHYL- (8CI,9CI) see: GU8925000
(CYCLOHEXANE-1,2-DIAMMINE)SULFATOPLATINUM(II) see: TP2280500
(1-CYCLOHEXANE-1,2-DICARBOXIMIDO)METHYL CHRYSANTHEMUMATE see: GZ1730000

GU9060000 1,4-CYCLOHEXANEDICARBOXYLIC ACID
UPDT:8411 CAS: 1076-97-7 MW: 172.20 MOLFM: C8-H12-O4

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:3023 mg/kg OYYAA2 19,503,80

GU9364000 CYCLOHEXANEACETONITRILE, alpha-(2-(DIETHYLAMINO)ETHYL)-alpha-PHENYL-
UPDT:8305 MW: 298.52 MOLFM: C20-H30-N2
SYN: alpha-(2-(DIETHYLAMINO)ETHYL)-alpha-PHENYLCYCLOHEXANEACETONITRILE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:34502 ug/kg AIPTAK 103,100,55

1,2-CYCLOHEXANEDICARBOXYLIC ACID, 3,6-endo-EPOXY- see: RN7875000

GU9660000 CYCLOHEXANE, 2,4-DIISOPROPENYL-1-METHYL-1-VINYL-, (1S,2R,4R)-(-)-
UPDT:8303 CAS: 515-13-9 MW: 204.39 MOLFM: C15-H24
SYN: CYCLOHEXANE, 1-ETHENYL-1-METHYL-2,4-BIS(1-METHYLETHENYL)-, (1S-(1-alpha,2-beta,4-beta))- * beta-ELEMEN * beta-ELEMENE * levo-beta-ELEMENE

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:279 mg/kg CYTPDT 5(6),32,81

1,4-CYCLOHEXANEDIMETHANAMINE, N,N'-BIS((2-CHLOROPHENYL)METHYL)-, DIHYDROCHLORIDE, trans- see: GU7025000

GV0190000 CYCLOHEXANE, 1,2-DIMETHYL-
UPDT:8312 CAS: 583-57-3 MW: 112.24 MOLFM: C8-H16
SYN: o-DIMETHYLCYCLOHEXANE * 1,2-DIMETHYLCYCLOHEXANE * 1,2-DIMETHYLCYCLOHEXANE (DOT) * UN 2263 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

GV0193000 CYCLOHEXANE, 1,3-DIMETHYL-
UPDT:8312 CAS: 591-21-9 MW: 112.24 MOLFM: C8-H16
SYN: m-DIMETHYLCYCLOHEXANE * 1,3-DIMETHYLCYCLOHEXANE * 1,3-DIMETHYLCYCLOHEXANE (DOT) * UN 2263 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

GV0200000 CYCLOHEXANE, 1,4-DIMETHYL-
UPDT:8308 CAS: 589-90-2 MW: 112.24 MOLFM: C8-H16
SYN: 1,4-DIMETHYLCYCLOHEXANE (DOT) * UN 2263 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

GV0745000 1,3-CYCLOHEXANEDIONE, 2-p-METHOXYPHENACYL-
UPDT:8405 CAS: 39992-64-8 MW: 260.31 MOLFM: C15-H16-O4
SYN: 1,3-CYCLOHEXANEDIONE, 2-(2-(4-METHOXYPHENYL)-2-OXOETHYL)- * 2-p-METHOXYPHENACYLCYCLOHEXANE-1,3-DIONE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

1,3-CYCLOHEXANEDIONE, 2-(2-(4-METHOXYPHENYL)-2-OXOETHYL)- see: GV0745000
2,2'-CYCLOHEXANE-1,1-DIYLBIS(p-PHENYLENEOXY)BIS(2-METHYLBUTYRIC ACID) see: ES8900000
CYCLOHEXANE (DOT) see: GU6300000
CYCLOHEXANE, 1,2-EPOXY- see: RN7175000
CYCLOHEXANEETHANOL, ACETATE (8CI,9CI) see: AG5095000
CYCLOHEXANE, 1-ETHENYL-1-METHYL-2,4-BIS(1-METHYLETHENYL)-, (1S-(1-alpha,2-beta,4-beta))- see: GU9660000
CYCLOHEXANE ETHYL ACETATE see: AG5095000

GV1250000 CYCLOHEXANEETHYLAMINE, N-BUTYL-alpha,alpha-DIMETHYL-
UPDT:8312 MW: 211.44 MOLFM: C14-H29-N
SYN: N-BUTYL-alpha,alpha-DIMETHYLCYCLOHEXANEETHYLAMINE * D-3-9

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:200 mg/kg JPMSAE 55,38,66

GV1420000 CYCLOHEXANEETHYLAMINE, beta,beta-DIETHYL-, HYDROCHLORIDE
UPDT:8406 MW: 219.84 MOLFM: C12-H25-N Cl-H
SYN: BUTYLAMINE, 2-CYCLOHEXYL-2-ETHYL-, HYDROCHLORIDE * DIETHYL-alpha-CYCLOHEXYLETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:80 mg/kg JPETAB 83,253,45

GV1450000 CYCLOHEXANEETHYLAMINE, alpha,alpha-DIMETHYL-
UPDT:8312 CAS: 5531-31-7 MW: 155.32 MOLFM: C10-H21-N
SYN: D-3-1 * alpha,alpha-DIMETHYLCYCLOHEXANEETHYLAMINE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:400 mg/kg JPMSAE 55,38,66

GV1560000 CYCLOHEXANEETHYLAMINE, alpha,alpha-DIMETHYL-N-ETHYL-
UPDT:8312 MW: 183.38 MOLFM: C12-H25-N
SYN: D-3-5 * alpha,alpha-DIMETHYL-N-ETHYLCYCLOHEXANEETHYLAMINE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:400 mg/kg JPMSAE 55,38,66

GV1570000 CYCLOHEXANEETHYLAMINE, beta,beta-DIMETHYL-, HYDROCHLORIDE
UPDT:8406 MW: 191.78 MOLFM: C10-H21-N Cl-H
SYN: DIMETHYL-beta-CYCLOHEXYLETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:85 mg/kg JPETAB 83,253,45

GV2100000 CYCLOHEXANEETHYLAMINE, N,beta-DIMETHYL-, HYDROCHLORIDE
UPDT:8403 CAS: 64011-61-6 MW: 191.78 MOLFM: C13-H21-N Cl-H
SYN: CYCLEXEDRINE, HYDROCHLORIDE * CYCLOHEXYLISOPROPYLMETHYLAMINE HYDROCHLORIDE * 1-CYCLOHEXYL-1-METHYL-2-METHYLAMINOETHANE HYDROCHLORIDE * 2-CYCLOHEXYL-N-METHYLPROPYLAMINE HYDROCHLORIDE * N,beta-DIMETHYLCYCLOHEXANEETHYLAMINE HYDROCHLORIDE * ETHYLHEXEDRINE HYDROCHLORIDE * EVENTIN

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:304 mg/kg MEIEDD 10,387,83

GV2150000 CYCLOHEXANEETHYLAMINE, alpha,alpha-DIMETHYL-N-ISOBUTYL-
UPDT:8312 MW: 211.44 MOLFM: C14-H29-N
SYN: D-3-11 * alpha,alpha-DIMETHYL-N-ISOBUTYLCYCLOHEXANEETHYLAMINE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:400 mg/kg JPMSAE 55,38,66

GV2180000 CYCLOHEXANEETHYLAMINE, alpha,alpha-DIMETHYL-N-PROPYL-
UPDT:8312 MW: 197.41 MOLFM: C13-H27-N
SYN: D-3-7 * alpha,alpha-DIMETHYL-N-PROPYLCYCLOHEXANEETHYLAMINE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:400 mg/kg JPMSAE 55,38,66

GV2190000 CYCLOHEXANEETHYLAMINE, beta-ETHYL-, HYDROCHLORIDE
UPDT:8406 MW: 191.78 MOLFM: C10-H21-N Cl-H
SYN: BUTYLAMINE, 2-CYCLOHEXYL-, HYDROCHLORIDE * ETHYL-beta-CYCLOHEXYLETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg JPETAB 83,253,45

GV2451000 CYCLOHEXANEETHYLAMINE, beta-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 177.75 MOLFM: C9-H19-N Cl-H
SYN: METHYL-beta-CYCLOHEXYLETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg JPETAB 83,253,45

GV2452000 CYCLOHEXANEETHYLAMINE, N,alpha,alpha-TRIMETHYL-
UPDT:8312 MW: 169.35 MOLFM: C11-H23-N
SYN: D-3-3 * N,alpha,alpha-TRIMETHYLCYCLOHEXANEETHYLAMINE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:400 mg/kg JPMSAE 55,38,66

GV2800000 CYCLOHEXANEGLYCOLIC ACID, alpha-PHENYL-, 4-(DIETHYLAMINO)-2-BUTYNYL ESTER, HYDROCHLORIDE
UPDT:8403 CAS: 1508-65-2 MW: 394.00 MOLFM: C22-H31-N-O3 Cl-H
SYN: 4-DIETHYLAMINO-2-BUTYNYL PHENYL(CYCLOHEXYL)GLYCOLATE HYDROCHLORIDE * DITROPAN * MJ 4209-1 * OXIBUTININA HYDROCHLORIDE * OXYBUTYNIN CHLORIDE * alpha-PHENYLCYCLOHEXANEGLYCOLIC ACID 4-(DIETHYLAMINO)-2-BUTYNYL ESTER HYDROCHLORIDE * TROPAX

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1220 mg/kg TXAPA9 18,185,71
1E16 orl-mus LD50:725 mg/kg AIPTAK 156,467,65
1E16 ipr-mus LD50:185 mg/kg AIPTAK 156,467,65
ivn-mus LD50:42 mg/kg CSLNX* NX#11090

BEST COPY AVAILABLE

GV3110000 CYCLOHEXANE, HEXACHLORO-, delta and epsilon mixture
UPDT:8305 MW: 290.82 MOLFM: C6-H6-Cl6
SYN: delta-HEXACHLOROCYCLOHEXANE mixed with epsilon-HEXACHLOROCYCLOHEXANE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:12960 mg/kg/26W-C CMSHAF 1,279,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GV3150000 CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-
UPDT:8412 CAS: 608-73-1 MW: 290.82 MOLFM: C6-H6-Cl6
SYN: BENZENE HEXACHLORIDE * BHC * COMPOUND-666 * DBH * ENT 8,601 * GAMMEXANE * HCCH * HCH * HEXA * HEXACHLOR * HEXACHLORAN * HEXACHLOROCYCLOHEXANE * 1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE * HEXAKLOR * HEXYLAN
MUTATION DATA AND REFERENCES:
mmo-omi 100 mg/L MILEDM 5,103,77
mmo-omi 100 mg/L MILEDM 5,103,77
mmo-omi 100 mg/L MILEDM 5,103,77
mmo-omi 100 mg/L MILEDM 5,103,77
otr-rat-orl 875 mg/kg/7W-I CRNGDP 5,479,84
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:8100 mg/kg (90D male) APTOA6 52,12,83
1T01 orl-mus TDLo:9120 mg/kg (22W male) BECTA6 26,508,81
TUMORIGENIC DATA AND REFERENCES:
3V01L60P60 orl-mus TDLo:6720 mg/kg/80W-C JPFCD2 14,305,79
3V03L60P60 skn-mus TDLo:1600 mg/kg/80W-I JPFCD2 14,305,79
3V03L60P60 orl-mus TD :800 mg/kg/80W-I JPFCD2 14,305,79
2V01L60 orl-mus TD :12600 mg/kg/30W-C JCROD7 99,143,81
2V01L60 orl-mus TD :12960 mg/kg/26W-C CMSHAF 1,279,72
2V01L60 orl-mus TD :21600 mg/kg/52W-C TUMOAB 69,383,83
2V02L60 orl-mus TD :5400 mg/kg/13W-C TUMOAB 69,383,83
2V03L60 orl-mus TD :7200 mg/kg/17W-C IJEBA6 19,1159,81
2V03L60 orl-mus TD :9 gm/kg/21W-C AEHLAU 37,156,82
2V03L60 orl-mus TD :10800 mg/kg/26W-C AEHLAU 37,156,82
2V03L60 orl-mus TD :7200 mg/kg/17W-C CMBID4 27,231,81
2V03L60 orl-mus TD :10800 mg/kg/26W-C CMBID4 27,231,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:100 mg/kg ATXKA8 22,115,66
skn-rat LD50:900 mg/kg 85DPAN -,-,71/76
orl-mus LDLo:367 mg/kg MEMOAQ 4,25,50
scu-rbt LD50:75 mg/kg XPHPAW 414,273,55
orl-gpg LDLo:1400 mg/kg MEMOAQ 4,25,50
3C08F12F19 orl-ckn LD50:597 mg/kg POSCAL 60,2599,81
orl-bwd LD50:75 mg/kg TXAPA9 21,315,72
orl-brd LD50:56 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AABIAV 35,505,48; ECMAAI 14(3),141,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 5,47,74
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, alpha- see: GV3500000

GV3500000 CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, alpha-isomer
UPDT:8411 CAS: 319-84-6 MW: 290.82 MOLFM: C6-H6-Cl6
SYN: BENZENE HEXACHLORIDE alpha-isome: * alpha-BENZENEHEXACHLORIDE * alpha-BHC * CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, alpha- * CYCLOHEXANE, alpha-1,2,3,4,5,6-HEXACHLORO- * ENT 9,232 * alpha-HCH * alpha-HEXACHLORAN * alpha-HEXACHLORANE * alpha-HEXACHLORCYCLOHEXANE * alpha-HEXACHLOROCYCLOHEXANE * alpha-1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE * 1-alpha,2-alpha,3-beta,4-alpha,5-beta,6-beta-HEXACHLOROCYCLOHEXANE * alpha-LINDANE
MUTATION DATA AND REFERENCES:
dns-rat:lvr 1 umol/L CNREA8 42,3010,82
cyt-rat-orl 756 mg/kg/3W JNCIAM 54,1245,75
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:20 gm/kg/48W-C JNCIAM 54,801,75
2V01L60 orl-mus TDLo:5 gm/kg/24W-C JNCIAM 51,1637,73
2V01L60 orl-mus TD :10 gm/kg/24W-C NAIZAM 25,635,74
2V03L60 orl-rat TD :11040 mg/kg/86W-C CNREA8 41,4140,81
2V03L60 orl-rat TD :13020 mg/kg/92W-I CNREA8 41,4140,81
2V01L60 orl-mus TD :12960 mg/kg/26W-C CMSHAF 1,279,72
2V03L60 orl-mus TD :8820 mg/kg/21W-C JJINDB 71,1307,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:177 mg/kg FATOAO 39,455,76
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 20,195,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 5,47,74
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOHEXANE, alpha-1,2,3,4,5,6-HEXACHLORO- see: GV3500000
CYCLOHEXANE, beta-1,2,3,4,5,6-HEXACHLORO- see: GV4375000
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, beta- see: GV4375000

GV4375000 CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, beta-isomer
UPDT:8312 CAS: 319-85-7 MW: 290.82 MOLFM: C6-H6-Cl6
SYN: trans-alpha-BENZENEHEXACHLORIDE * beta-BENZENEHEXACHLORIDE * BETA-ISOMER * beta-BHC * CYCLOHEXANE, beta-1,2,3,4,5,6-HEXACHLORO- * CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, beta- * CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, trans- * ENT 9,233 * beta-HCH * beta-HEXACHLOROBENZENE * 1-alpha,2-beta,3-alpha,4-beta,5-alpha,6-beta-HEXACHLOROCYCLOHEXANE * beta-HEXACHLOROCYCLOHEXANE * beta-1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE * beta-LINDANE
TUMORIGENIC DATA AND REFERENCES:
3V02J60L60 orl-mus TDLo:18 gm/kg/2Y-C FCTXAV 11,433,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6000 mg/kg ALLVAR 43,-,55
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 20,195,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 5,47,74
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GV4900000 CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, gamma-isomer
UPDT:8412 CAS: 58-89-9 MW: 290.82 MOLFM: C6-H6-Cl6
SYN: AALINDAN * AFICIDE * AGRISOL G-20 * AGROCIDE * AGROCIDE 2 * AGROCIDE 7 * AGROCIDE 6G * AGROCIDE III * AGROCIDE WP * AGRONEXIT * AMEISENATOD * AMEISENMITTEL MERCK * APARASIN * APHTIRIA * APLIDAL * ARBITEX * BBH * BEN-HEX * BENTOX 10 * BENZENE HEXACHLORIDE gamma-isomer * gamma-BENZENE HEXACHLORIDE * BEXOL * BHC * gamma-BHC * CELANEX * CHLORESENE * CODECHINE * DBH * DETMOL-EXTRAKT * DETOX 25 * DEVORAN * DOL GRANULE * DRILL TOX-SPEZIAL AGLUKON * ENT 7,796 * ENTOMOXAN * EXAGAMA * FORLIN * GALLOGAMA * GAMACID * GAMAPHEX * GAMENE * GAMISO * GAMMA-COL * GAMMANEXA * GAMMAHEXANE * GAMMALIN * GAMMALIN 20 * GAMMATERR * GAMMEX * GAMMEXANE * GAMMOPAZ * GEXANE * HCCH * HCH * gamma-HCH * HECLOTOX * HEXA * gamma-HEXACHLOR * HEXACHLORAN * gamma-HEXACHLORAN * HEXACHLORANE * gamma-HEXACHLORANE * gamma-HEXACHLOROBENZENE * 1-alpha,2-alpha,3-beta,4-alpha,5-alpha,6-beta-HEXACHLOROCYCLOHEXANE * gamma-HEXACHLOROCYCLOHEXANE * 1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE * gamma-1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE * HEXACHLOROCYCLOHEXANE, gamma-ISOMER * HEXATOX * HEXAVERM * HEXICIDE * HEXYCLAN * HGI * HORTEX * INEXIT * ISOTOX * JACUTIN * KOKOTINE * KWELL * LENDINE * LENTOX * LIDENAL * LINDAFOR * LINDAGAM * LINDAGRAIN * LINDAGRANOX * LINDANE * gamma-LINDANE * LINDANE (DOT) * LINDAPOUDRE * LINDATOX * LINDOSEP * LINTOX * LOREXANE * MILBOL 49 * MSZYCOL * NA 2761 (DOT) * NCI-C00204 * NEO-SCABICIDOL * NEXEN FB * NEXIT * NEXIT STARK * NEXOL-E * NICOCHLORAN * NOVIGAM * OMNITOX * OVADZIAK * OWADZIAK * PEDRACZAK * PFLANZOL * QUELLADA * RCRA WASTE NUMBER U129 * SANG gamma * SILVANOL * SPRITZ-RAPIDIN * SPRUEHPFLANZOL * STRELINEX * TAP 85 * TRI-6 * VITON
MUTATION DATA AND REFERENCES:
oms-hmn:lym 5 mg/L BIHAA2 38(Pt 1),344,71
cyt-hmn:lym 5 mg/L BIHAA2 38(Pt 1),344,71
dnd-rat:ivr 30 umol/L SinJF# 26OCT82
cyt-mus-ipr 5 mg/kg SOGEBZ 2,80,66
dlt-mus-orl 6720 mg/kg MUREAV 101,315,82
cyt-ham:fbr 63 mg/L/48H MUREAV 48,337,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:200 mg/kg (6-15D preg) TXCYAC 9,239,78
1T02 itt-rat TDLo:10 mg/kg (10D male) APTOA6 31,1,72
1T02 orl-mus TDLo:2730 mg/kg (13W male) FCTXAV 19,131,81
1T71 orl-dog TDLo:473 mg/kg (1-63D preg) 32OAAP 2,253,73
2T24T46 orl-rbt TDLo:260 mg/kg (6-18D preg) TXCYAC 9,239,78
TUMORIGENIC DATA AND REFERENCES:
3V02J60L60 orl-mus TDLo:25 gm/kg/73W-C FCTXAV 11,433,73
3V02J60L60 orl-mus TD :25 gm/kg/73W-C FCTXAV 11,433,73
TOXICITY DATA AND REFERENCES:
orl-chd LDLo:180 mg/kg CMEP** -,1,56
1F12 orl-chd TDLo:111 mg/kg AEHLAU 25,374,72
orl-rat LD50:76 mg/kg SPEADM 74-1,-,74
skn-rat LD50:500 mg/kg WRPCA2 9,119,70
ipr-rat LDLo:35 mg/kg AEPPAE 212,463,51
orl-mus LD50:86 mg/kg FEPRA7 6,386,47
* ipr-mus LD50:125 mg/kg SOGEBZ 2,80,66
orl-dog LD50:40 mg/kg SPEADM 74-1,-,74
ivn-dog LDLo:8 mg/kg TIEUA7 5,61,50
* orl-cat LD50:25 mg/kg 85GMAT -,72,82
orl-rbt LD50:60 mg/kg JHEMA2 22,115,78
2F13F12 skn-rbt LD50:50 mg/kg AFDOAQ 16,3,52
ivn-rbt LDLo:4500 ug/kg JPETAB 92,140,48
orl-gpg LD50:127 mg/kg FEPRA7 6,386,47
orl-ham LD50:360 mg/kg EJTXAZ 7,159,74
orl-bwd LDLo:100 mg/kg TIEUA7 5,61,50
ims-bwd LDLo:26 mg/kg TIEUA7 5,61,50
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CNDQA8 10(3),43,75; RREVAH 56,107,75; PMDCAY 10,85,74; DTTIAF 80(20),485,73; ARDEAC 113(3),353,77; CTOXAO 13,231,78; GISAAA 42(9),66,77; CNDQA8 14,49,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 20,195,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 5,47,74
★ TLV-TWA 500 ug/m3; STEL 1500 ug/m3 (skin) DTLVS* 4,246,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (skin) (SCP-T) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR [illegible],172.101,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-14,77)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5502
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GV4950000 CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (mixed isomers)
UPDT:8408 CAS: 608-73-1 MW: 290.82 MOLFM: C6-H6-Cl6
SYN: BENZAHEX * BENZENEHEXACHLORIDE, mixed isomers * BENZEX * DOL * DOLMIX * FBHC * FHCH * 1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE (mixture of isomers) * HEXAFOR * HEXYCLAN * KOTOL * SOPROCIDE * TECHNICAL BHC * TECHNICAL HCH
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-mus TDLo:13 gm/kg/24W-C GANNA2 62,431,71
2V03L60 orl-mus TD :11 gm/kg/26W-C TXCYAC 19,31,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:400 mg/kg 85GMAT -,73,82
* orl-mus LD50:500 mg/kg 85GMAT -,73,82
* orl-cat LDLo:300 mg/kg 85GMAT -,73,82
* ihl-cat LCLo:20 mg/m3/6H 85GMAT -,73,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 20,195,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 5,47,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, trans- see: GV4375000
CYCLOHEXANE, 5-ISOCYANATO-1-(ISOCYANATOMETHYL)-1,3,3-TRIMETHYL- (9CI) see: NQ9370000
CYCLOHEXANEMETHANAMINE, 5-AMINO-1,3,3-TRIMETHYL- (9CI) see: GV6129000

GV5120000 CYCLOHEXANEMETHANOL, alpha-(p-CHLOROPHENYL)-
UPDT:8406 MW: 224.75 MOLFM: C13-H17-Cl-O
SYN: alpha-(p-CHLOROPHENYL)CYCLOHEXANEMETHANOL * alpha-CYCLOHEXYL-p-CHLOROBENZYL ALCOHOL
TOXICITY DATA AND REFERENCES:
3F07F12J22 ipr-mus LD50:1100 mg/kg JAPMA8 47,240,58

GV5953000 CYCLOHEXANEMETHANOL, alpha-(1-METHYLAMINOETHYL)-alpha-PHENYL-, HYDROCHLORIDE, DL-
UPDT:8405 MW: 283.88 MOLFM: C16-H25-N-O-Cl-H
SYN: DL-alpha-(1-METHYLAMINOETHYL)-alpha-PHENYLCYCLOHEXANEMETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F17F20 ipr-mus LD50:284 mg/kg PHARAT 24,776,69

GV6125000 CYCLOHEXANE, METHYL-
UPDT:8408 CAS: 108-87-2 MW: 98.21 MOLFM: C7-H14
SYN: CYCLOHEXYLMETHANE * HEXAHYDROTOLUENE * METHYLCYCLOHEXANE * METHYLCYCLOHEXANE (DOT) * METYLOCYKLOHEKSAN (Polish) * SEKTONE B * TOLUENE HEXAHYDRIDE * TOLUENE HEXAHYDRO- * UN 2296 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2250 mg/kg 85GMAT -,82,82

* ihl-mus LC50:41500 mg/m3/2H — 85GMAT -,82,82
orl-rbt LDLo:4000 mg/kg — JIHTAB 25,199,43

REVIEW AND REFERENCES:
★ TLV-TWA 400 ppm; STEL 500 ppm — DTLVS* 4,271,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ppm (SCP-G) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1500
REPORTED IN EPA TSCA INVENTORY, 1983

GV6129000 CYCLOHEXANEMETHYLAMINE, 5-AMINO-1,3,3-TRIMETHYL-
CAS: 2855-13-2 MW: 170.34 MOLFM: C10-H22-N2
SYN: CYCLOHEXANEMETHANAMINE, 5-AMINO-1,3,3-TRIMETHYL- (9CI) * ISOPHORONE DIAMINE * ISOPHORONE DIAMINE (DOT) * UN 2289 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GV6170000 CYCLOHEXANEMETHYLAMINE, alpha,alpha-DIMETHYL-4-PHENYL-, HYDROCHLORIDE, (E)-
UPDT.8306 MW: 253.85 MOLFM: C15-H23-N Cl-H
SYN: trans-alpha,alpha-DIMETHYL-4-PHENYLCYCLOHEXANEMETHYLAMINE HYDROCHLORIDE * trans-alpha,alpha-DIMETIL-4-FENILCICLOESILMETILAMMINA CLORIDRATO (Italian) * M.G. 6899

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg — FRPSAX 37,836,82
* ipr-mus LD50:110 mg/kg — FRPSAX 37,836,82

GV6300000 CYCLOHEXANEMETHYLAMINE, N-METHYL-
UPDT.8307 CAS: 25756-29-0 MW: 127.26 MOLFM: C8-H17-N
SYN: N-METHYL-N-(CYCLOHEXYLMETHYL) AMINE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1410 mg/kg — AIHAAP 30,470,69
skn-rbt LD50:630 mg/kg — AIHAAP 30,470,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GV6340000 CYCLOHEXANEMETHYLAMINE, alpha-METHYL-4-PHENYL-, (E)-
UPDT.8306 MW: 203.36 MOLFM: C14-H21-N
SYN: trans-1-(4-FENILCICLOESIL)ETILAMMINA (Italian) * trans-alpha-METHYL-4-PHENYLCYCLOHEXANEMETHYLAMINE * M.G. 6669 * trans-1-(4-PHENYLCYCLOHEXYL)ETHYLAMINE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:690 mg/kg — FRPSAX 37,836,82
* ipr-rat LD50:88 mg/kg — FRPSAX 37,836,82
* orl-mus LD50:410 mg/kg — FRPSAX 37,836,82
* ipr-mus LD50:120 mg/kg — FRPSAX 37,836,82

GV6350000 CYCLOHEXANEMETHYLAMINE, N-METHYL-alpha-PHENYL-, HYDROCHLORIDE
UPDT.8410 MW: 239.82 MOLFM: C14-H21-N Cl-H

TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:42 mg/kg — JAPMAB 39,354,50

GV6600000 CYCLOHEXANE, NITRO-
UPDT.8408 CAS: 1122-60-7 MW: 129.18 MOLFM: C6-H11-N-O2
SYN: NITROCYCLOHEXANE

TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:150 mg/m3/4H — 85GMAT -,92,82
* orl-mus LD50:250 mg/kg — 85GMAT -,92,82
* ihl-mus LCLo:10 mg/m3/2H — 85GMAT -,92,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOHEXANE OXIDE see: RN7175000
CYCLOHEXANE, PIPERIDINOMETHYL-, HYDROCHLORIDE see: TA6607000

GV6735000 CYCLOHEXANEPROPIONIC ACID, ALLYL ESTER
UPDT.8305 CAS: 2705-87-5 MW: 196.32 MOLFM: C12-H20-O2
SYN: ALLYL CYCLOHEXANEPROPIONATE * 3-ALLYLCYCLOHEXYL PROPIONATE * ALLYL HEXAHYDROPHENYLPROPIONATE * CYCLOHEXANOL, 3-ALLYL-, PROPIONATE

TOXICITY DATA AND REFERENCES:
2F07R21 orl-rat LD50:585 mg/kg — FCTXAV 2,327,64
3F07K01P01 orl-gpg LD50:380 mg/kg — FCTXAV 2,327,64

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GV6810000 CYCLOHEXANEPROPYLAMINE, gamma,gamma-DIMETHYL-, HYDROCHLORIDE
UPDT.8406 MW: 205.81 MOLFM: C11-H23-N Cl-H
SYN: DIMETHYL-gamma-CYCLOHEXYLPROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:135 mg/kg — JPETAB 83,253,45

GV6830000 CYCLOHEXANEPROPYLAMINE, gamma-METHYL-, HYDROCHLORIDE
UPDT.8406 MW: 191.78 MOLFM: C10-H21-N Cl-H
SYN: BUTYLAMINE, 3-CYCLOHEXYL-, HYDROCHLORIDE * METHYL-gamma-CYCLOHEXYLPROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg — JPETAB 83,253,45

CYCLOHEXANESULFAMIC ACID, CALCIUM SALT see: GV7100000

GV7100000 CYCLOHEXANESULFAMIC ACID, CALCIUM SALT (2:1)
UPDT.8401 CAS: 139-06-0 MW: 396.58 MOLFM: C12-H24-N2-O6-S2 Ca
SYN: CALCIUM CYCLAMATE * CALCIUM CYCLOHEXANESULFAMATE * CALCIUM CYCLOHEXANE SULPHAMATE * CALCIUM CYCLOHEXYLSULFAMATE * CALCIUM CYCLOHEXYLSULPHAMATE * CYCLAMATE CALCIUM * CYCLAMATE, CALCIUM SALT * CYCLAN * CYCLOHEXANESULFAMIC ACID, CALCIUM SALT * CYCLOHEXYLSULPHAMIC ACID, CALCIUM SALT * CYLAN * DIETIL * KALZIUMZYKLAMAT (German) * SUCARYL CALCIUM

MUTATION DATA AND REFERENCES:
sln-dmg-orl 5 mmol/L — DRISAA 46,114,71
dni-hmn:lng 100 mg/L — JCLBA3 47,30a,70
cyt-hmn:leu 250 mg/L — SCIEAS 164,568,69
cyt-ham:fbr 10 mg/L — MUREAV 39,1,76
cyt-ham:lng 100 mg/L — HEREAY 70,271,72
cyt-grb-ipr 150 mg/kg — CNJGAB 13,189,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T81T87 orl-rat TDLo:55 mg/kg (1-22D preg) — AJCNAC 23,782,70

TUMORIGENIC DATA AND REFERENCES:
2V02M60 orl-rat TDLo:3465 gm/kg/88W-C — JNCIAM 49,751,72
2V03V10 scu-rat TDLo:45 gm/kg/66W-I — FCTXAV 9,463,71

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:10 mg/kg — CLDND*
ivn-rat LDLo:3500 ug/kg — CLDND*
orl-mus LDLo:10 mg/kg — CLDND*
ivn-mus LDLo:3500 ug/kg — CLDND*

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 39,1,76; WMWOA4 121,515,71
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 28,55,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GV7350000 CYCLOHEXANESULFAMIC ACID, MONOSODIUM SALT
UPDT.8411 CAS: 139-05-9 MW: 169.18 MOLFM: C6-H12-N-O3-S Na
SYN: ASSUGRIN * ASSURGRIN FEINSUSS * ASSURGRIN VOLLSUSS * ASUGRYN * CYCLAMATE * CYCLAMATE SODIUM * CYCLAMATE SODIUM SALT * CYCLAMIC ACID SODIUM SALT * CYCLOHEXANESULPHAMIC ACID, MONOSODIUM SALT * CYCLOHEXYLSULPHAMATE SODIUM * CYCLOHEXYLSULPHAMIC ACID, MONOSODIUM SALT * DULZOR-ETAS * HACHI-SUGAR * IBOSUC * NATREEN * NATRIUMZYKLAMATE (German) * SODIUM CYCLAMATE * SODIUM CYCLOHEXANESULFAMATE * SODIUM CYCLOHEXANESULPHAMATE * SODIUM CYCLOHEXYL AMIDOSULPHATE * SODIUM CYCLOHEXYL SULFAMATE * SODIUM CYCLOHEXYL SULPHAMATE * SODIUM CYCLOHEXYLSULPHAMIDATE * SODIUM SUCARYL * SUCARYL SODIUM * SUCCARIL * SUCROSA * SUCRUN 7 * SUESSETTE * SUESTAMIN * SUGARIN * SUGARON

MUTATION DATA AND REFERENCES:
sln-dmg-orl 5 pph — SBJODP 1,77,75
dni-hmn:hla 800 ug/L — INHEAO 9,188,71
cyt-hmn:leu 10 umol/L/5H — MUREAV 39,1,76
cyt-hmn:fbr 500 mg/L — ACYTAN 16,41,72
cyt-rat-orl 250 mg/kg — DBTEAD 19,215,71
cyt-ham:fbr 10 mg/L — MUREAV 39,1,76
cyt-ham:lng 100 mg/L/3D — HEREAY 70,271,72
cyt-grb-unk 100 mg/kg — MUREAV 26,199,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-mus TDLo:180 mg/kg (7D preg) — IIZAAX 16,330,64
2T72T81 orl-mus TDLo:420 gm/kg (MGN) — TXCYAC 8,285,77
1T24 orl-mus TDLo:168 gm/kg (MGN) — TXCYAC 8,285,77
1T39 orl-mus TDLo:5 gm/kg (7D preg) — ARZNAD 19,923,69
2T76T81 orl-mus TDLo:252 mg/kg (1-21D preg/21D post) — DBTEAD 17,103,69

TUMORIGENIC DATA AND REFERENCES:
3V02M61R60 orl-rat TDLo:63 gm/kg/9W-C — CNREA8 37,2943,77
3V02M60V10 imp-mus TDLo:176 mg/kg — SCIEAS 167,996,70
3V02M61R60 orl-rat TD :112 gm/kg/8W-C — CNREA8 37,2943,77
2V03M60 orl-rat TD :610 gm/kg/87W-C — CBINAB 11,225,75

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:15250 mg/kg — FCTXAV 6,313,68
ipr-rat LD50:1350 mg/kg — NCIBR* NCI-E-68-1311,10,73
* ivn-rat LD50:3500 mg/kg — FCTXAV 6,313,68
* orl-mus LD50:17 gm/kg — FCTXAV 6,313,68
ipr-mus LD50:1154 mg/kg — NCIBR* NCI-E-68-1311,10,73
* ivn-mus LD50:4800 mg/kg — FCTXAV 6,313,68

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDJOAS 23(2),328,73; MUREAV 39,1,76; AEHLAU 23,6,71; WMWOA4 121,515,71; BLFSBY 24,129,83; BLFSBY 24,253,83
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 28,55,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GV7120000 CYCLOHEXANESULFAMIC ACID, compd. with (3-PHENYLPROPOXY)GUANIDINE
UPDT.8311 CAS: 10246-73-8 MW: 372.54 MOLFM: C10-H15-N3-O C6-H13-N-O3-S
SYN: GUANIDINE, (3-PHENYLPROPOXY)-, compd. with CYCLOHEXANESULFAMIC ACID * 3-(PHENYLPROPOXY)GUANIDINE CYCLOHEXANESULFAMATE * (3-PHENYLPROPOXY)GUANIDINE compd. with CYCLOHEXANESULFAMIC ACID * SULFAMIC ACID, CYCLOHEXYL-, compd. with (3-PHENYL(PROPOXY)GUANIDINE (1:1) * U-16.178F

TOXICITY DATA AND REFERENCES:
3F15F17U01 orl-mus LD50:224 mg/kg — JPMSAE 56,829,67
3F15F17U01 ipr-mus LD50:79 mg/kg — JPMSAE 56,829,67

CYCLOHEXANESULPHAMIC ACID, MONOSODIUM SALT see: GV7350000

CYCLOHEXANE, 1-(TRICHLOROSILYL)- see: VV2890000

GV7875000 CYCLOHEXANOL
UPDT.8408 CAS: 108-93-0 MW: 100.18 MOLFM: C6-H12-O
SYN: ADRONAL * ANOL * CICLOESANOLO (Italian) * CYCLOHEXYL ALCOHOL * CYKLOHEKSANOL (Polish) * HEXAHYDROPHENOL * HEXALIN * HYDRALIN * HYDROPHENOL * HYDROXYCYCLOHEXANE * NAXOL * PHENOL, HEXAHYDRO-

IRRITATION DATA AND REFERENCES:
eye-hmn 100 ppm — JIHTAB 25,282,43
skn-rbt 14600 ug/24H open MLD — AIHAAP 23,95,62
eye-rbt 2 mg SEV — AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:
cyt-hmn:leu 100 umol/L — DBTEAD 19,215,71
dnd-mam:lym 150 mmol/L — PNASA6 48,686,62

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T01T02T03 scu-rat TDLo:315 mg/kg (21D male) — IJEBA6 17,1305,79
3T01T02T03 scu-grb TDLo:315 mg/kg (21D male) — IJEBA6 17,1305,79

TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-hmn TCLo:75 ppm — JIHTAB 25,282,43
orl-rat LD50:2060 mg/kg — MDZEAK 8,244,67
scu-mus LD50:2480 mg/kg — REMBA8 5,7,67
* ivn-mus LD50:272 mg/kg — AIPTAK 135,330,62
ims-mus LD50:1000 mg/kg — JSICAZ 21,342,62
orl-rbt LDLo:2200 mg/kg — JIHTAB 25,199,43
skn-rbt LDLo:12 gm/kg — JIHTAB 25,199,43
ipr-rbt LDLo:1420 mg/kg — JPMRAB 3,1,28

REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm — DTLVS* 4,112,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm (SCP-E) — FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1402
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOHEXANOL, ACETATE see: AG5075000
CYCLOHEXANOL, 3-ALLYL-, PROPIONATE see: GV6735000

GV8400000 CYCLOHEXANOL, 1-AMINO-3-AMINOMETHYL-3,5,5-TRIMETHYL-
UPDT.8307 CAS: 25724-35-0 MW: 186.34 MOLFM: C10-H22-N2-O
SYN: 1-AMINO-3-AMINOMETHYL-3,5,5-TRIMETHYL CYCLOHEXANOL

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1300 mg/kg — AIHAAP 30,470,69

GV8423000 CYCLOHEXANOL, 4-((2-AMINO-3,5-DIBROMOBENZYL)AMINO)- (E)-
UPDT.8403 CAS: 18683-91-5 MW: 378.15 MOLFM: C13-H18-Br2-N2-O
SYN: AMBROXOL * trans-4-((2-AMINO-3,5-DIBROMOBENCIL)AMINO)CICLOHEXANOL (Spanish) * trans-4-((2-AMINO-3,5-DIBROMOBENZYL)AMINE)CYCLOHEXANOL * N-(2-AMINO-3,4-DIBROMOCICLOHEXIL) trans-4-AMINOCICLOHEXANOL (Spanish) * N-(2-AMINO-3,4-DIBROMOCYCLOHEXYL)-trans-4-AMINOCYCLOHEXANOL * CYCLOHEXANOL, 4-((2-AMINO-3,5-DIBROMOPHENYL)METHYL)AMINO)-, trans- (9CI) * N-(trans-4-HIDROXICICLOHEXIL)-(2-AMINO-3,5-DIBROMOBENCIL)AMINA (Spanish) * N-(trans-p-HYDROXYCYCYCLOHEXYL) (2-AMINO-3,5-DIBROMOBENZYL)AMINE * N-(trans-4-HYDROXYCYCLOHEXYL)-(2-AMINO-3,5-DIBROMOBENZYL)-AMINE * NA-872

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:13400 mg/kg — MDACAP 15,523,79

BEST COPY AVAILABLE

*	ipr-rat LD50:380 mg/kg	MDACAP 15,523,79
*	orl-mus LD50:2720 mg/kg	MDACAP 15,523,79
*	ipr-mus LD50:268 mg/kg	MDACAP 15,523,79
*	ivn-mus LD50:138 mg/kg	MDACAP 15,523,79
*	orl-gpg LD50:1180 mg/kg	MDACAP 15,523,79
*	ipr-gpg LD50:280 mg/kg	MDACAP 15,523,79

GV8425000 CYCLOHEXANOL, 4-(N-(2-AMINO-3,5-DIBROMOBENZYL)AMINO)-, HYDROCHLORIDE (E)-

UPDT:8402 MW: 414.61 MOLFM: C13-H18-Br2-N2-O Cl-H

SYN: AMBROXOL HYDROCHLORIDE * trans-4-((2-AMINO-3,5-DIBROMOBENZYL(TL)AMINO)CYCLOHEXANOL HYDROCHLORIDE * MUCOSOLVAN * NA 872

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:910 mg/kg (91D male)	IYKEDH 12,273,81
3T34T72T81	orl-rat TDLo:33 gm/kg (7-17D preg)	OYYAA2 21,271,81
2T85T91	orl-rat TDLo:88 mg/kg (7-17D preg)	OYYAA2 21,271,81
3T16T71T75	orl-rat TDLo:39 gm/kg (17-22D preg/20D post)	IYKEDH 12,371,81
1T81	orl-rat TDLo:1300 mg/kg (17-22D preg/20D post)	IYKEDH 12,371,81

TOXICITY DATA AND REFERENCES:

3F07F19J22	orl-rat LD50:4203 mg/kg	IYKEDH 12,263,81
3F11F12K17	ipr-rat LD50:262 mg/kg	OYYAA2 21,281,81
3F07F19J22	scu-rat LD50:1489 mg/kg	IYKEDH 12,263,81
2F11F12	ivn-rat LD50:100 mg/kg	OYYAA2 21,281,81
1F12	orl-mus LD50:2380 mg/kg	OYYAA2 21,281,81
	ipr-mus LD50:268 mg/kg	ARZNAD 28,889,78
3F07F19J22	scu-mus LD50:1060 mg/kg	IYKEDH 12,263,81
	ivn-mus LD50:138 mg/kg	ARZNAD 28,889,78
	orl-dog LD50:500 mg/kg	ARZNAD 28,889,78
	ipr-dog LD50:125 mg/kg	ARZNAD 28,889,78
3K06K07K14	orl-rbt LD50:2597 mg/kg	OYYAA2 21,281,81
	ipr-gpg LDLo:400 mg/kg	ARZNAD 28,889,78
3F12F19J26	ivn-rbt LD50:64 mg/kg	OYYAA2 21,281,81
	orl-gpg LD50:1180 mg/kg	ARZNAD 28,889,78
	ipr-gpg LD50:280 mg/kg	ARZNAD 28,889,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOHEXANOL, 4-(((2-AMINO-3,5-DIBROMOPHENYL)METHYL)AMINO)-, trans- (9CI) see: GV8423000

CYCLOHEXANOLAZETAT (German) see: AC5075000

GV8750000 CYCLOHEXANOL, 4-tert-BUTYL-

UPDT:8305 CAS: 98-52-2 MW: 156.30 MOLFM: C10-H20-O

SYN: 4-tert-BUTYLCYCLOHEXANOL * USAF DO-20

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:4200 mg/kg	FCTXAV 12,833,74
	ipr-mus LD50:50 mg/kg	NTIS** AD277-689

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

CYCLOHEXANOL, 4-tert-BUTYL-, ACETATE see: AF7117000

1-CYCLOHEXANOL-alpha-BUTYRIC ACID see: GU6555200

GV8845000 CYCLOHEXANOL, 1-(4-(DIETHYLAMINO)-2-BUTYNYL)-5-METHYL-2-(1-METHYLETHYL)-, (1-alpha,2-alpha, 5-beta)-

UPDT:8412 CAS: 49832-41-9 MW: 279.52 MOLFM: C18-H33-N-O

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:200 mg/kg	CHTPBA 8,281,73

GV8847000 CYCLOHEXANOL, 2-(DIETHYLAMINOMETHYL)-1-PHENYL-, ACETATE, HYDROCHLORIDE

UPDT:8405 MW: 339.95 MOLFM: C19-H29-N-O2 Cl-H

SYN: 2-(DIETHYLAMINOMETHYL)-1-PHENYLCYCLOHEXANOL ACETATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1F29	ipr-mus LD50:68 mg/kg	JAPMA8 40,47,51

GV8849000 CYCLOHEXANOL, 1-(5-(DIETHYLAMINO)-1-PENTYNYL)-, HYDROCHLORIDE

UPDT:8311 CAS: 53310-28-4 MW: 273.89 MOLFM: C15-H27-N-O Cl-H

SYN: 1-(5-(DIETHYLAMINO)-1-PENTYNYL)CYCLOHEXANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:900 mg/kg	EJMCA5 9,59,74

CYCLOHEXANOL, 1-(alpha-(2-(DIMETHYLAMINO)ETHOXY)-alpha-METHOXYBENZYL)-, OXALATE see: OB4112500

GV8876000 CYCLOHEXANOL, 2-((DIMETHYLAMINO)METHYL)-1-ETHYL-, BENZOATE

UPDT:8411 MW: 289.46 MOLFM: C18-H27-N-O2

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:131 mg/kg	YKKZAJ 84,918,64

GV8925000 CYCLOHEXANOL 2-((DIMETHYLAMINO)METHYL)-1-(m-METHOXYPHENYL)-, (+ ,-)-trans-

UPDT:8302 CAS: 27203-92-5 MW: 263.42 MOLFM: C16-H25-N-O2

SYN: CG 315 * TRAMADOL * TRAMAL

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:228 mg/kg	TXAPA9 18,185,71
	scu-rat LDLo:286 mg/kg	TXAPA9 18,185,71
	orl-mus LD50:350 mg/kg	ARZNAD 28,164,78
	scu-mus LD50:200 mg/kg	ARZNAD 28,164,78
	ivn-mus LD50:68 mg/kg	ARZNAD 28,164,78
	orl-dog LD50:450 mg/kg	ARZNAD 28,164,78
	ivn-dog LD50:50 mg/kg	ARZNAD 28,164,78
	ims-dog LD50:100 mg/kg	ARZNAD 28,164,78
	orl-rbt LD50:500 mg/kg	ARZNAD 28,164,78
	ivn-rbt LD50:50 mg/kg	ARZNAD 28,164,78
	ims-rbt LD50:300 mg/kg	ARZNAD 28,164,78
	orl-gpg LD50:850 mg/kg	ARZNAD 28,164,78
	scu-gpg LD50:245 mg/kg	ARZNAD 28,164,78

GV8940000 CYCLOHEXANOL, 2-((DIMETHYLAMINO)METHYL)-1-(m-METHOXYPHENYL)-, HYDROCHLORIDE, (E)-

UPDT:8406 CAS: 73806-49-2 MW: 299.88 MOLFM: C16-H25-N-O2 Cl-H

SYN: CRISPIN * trans-2-(DIMETHYLAMINOMETHYL)-1-(m-METHOXYPHENYL)CYCLOHEXANOL HYDROCHLORIDE * K-315 * 1-(m-METHOXYPHENYL)-2-DIMETHYLAMINOMETHYLCYCLOHEXAN-1-OL HYDROCHLORIDE * TRAMADOL HYDROCHLORIDE * TRAMAL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:213 mg/kg	NIIRDN 6,513,82
*	scu-rat LD50:286 mg/kg	ARZNAD 28,164,78
*	ivn-rat LD50:57600 ug/kg	NIIRDN 6,513,82
*	ims-rat LD50:244 mg/kg	NIIRDN 6,513,82
*	orl-mus LD50:350 mg/kg	ARZNAD 28,164,78
*	scu-mus LD50:200 mg/kg	ARZNAD 28,164,78
	ivn-mus LD50:48 mg/kg	ARZNAD 28,114,78
*	ims-mus LD50:258 mg/kg	NIIRDN 6,513,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOHEXANOL, 1,1'-DIOXYBIS- (9CI) see: GV8970000

GV8970000 CYCLOHEXANOL, 1,1'-DIOXYDI-

UPDT:8401 CAS: 2407-94-5 MW: 230.34 MOLFM: C12-H22-O4

SYN: BIS(1-HYDROXYCYCLOHEXYL)PEROXIDE * BIS-(1-HYDROXYCYCLOHEXYL)PEROXIDE, technical pure (DOT) * CYCLOHEXANOL, 1,1'-DIOXYBIS- (9CI) * 1,1'-PEROXYDICYCLOHEXANOL * UN 2148 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

GV8980000 CYCLOHEXANOL, 4-(DIPHENYLMETHYLENE)-2-ETHYL-3-METHYL-, ACETATE

UPDT:8402 CAS: 52236-34-7 MW: 348.52 MOLFM: C24-H28-O2

SYN: 4-(DIPHENYLMETHYLENE)-2-ETHYL-3-METHYLCYCLOHEXANOL ACETATE * 1-DIPHENYLMETHYLENYL-2-METHYL-3-ETHYL-4-ACETOXYCYCLOHEXANE * ORF 8511

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:600 ug/kg (1-6D preg)	CCPTAY 9,393,74
1T24	orl-rat TDLo:1500 ug/kg (1-6D preg)	CCPTAY 9,393,74
1T13	orl-rat TDLo:40 ug/kg (3D pre)	CCPTAY 9,393,74
1T29	orl-rat TDLo:750 ug/kg (1-3D preg)	CCPTAY 9,393,74
1T24	orl-mus TDLo:30 mg/kg (1-6D preg)	CCPTAY 9,393,74
1T25	orl-mus TDLo:60 mg/kg (1-6D preg)	CCPTAY 9,393,74
1T13	orl-mus TDLo:800 ug/kg (3D pre)	CCPTAY 9,393,74
1T24	orl-rbt TDLo:60 mg/kg (1-6D preg)	CCPTAY 9,393,74
1T13	orl-rbt TDLo:100 ug/kg (3D pre)	CCPTAY 9,393,74
1T25	orl-ham TDLo:60 mg/kg (1-6D preg)	CCPTAY 9,393,74
1T24	orl-ham TDLo:150 mg/kg (1-6D preg)	CCPTAY 9,393,74
1T13	orl-ham TDLo:1600 ug/kg (3D pre)	CCPTAY 9,393,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GV9040000 CYCLOHEXANOL, 1-ETHYL-

UPDT:8406 CAS: 1940-18-7 MW: 128.24 MOLFM: C8-H16-O

SYN: 1-AETHYL-CYCLOHEXANOL-(1) (German) * 1-ETHYLCYCLOHEXANOL

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:1300 mg/kg	ARZNAD 4,477,54
	scu-mus LD50:840 mg/kg	ARZNAD 5,161,55

GV9100000 CYCLOHEXANOL, 1-ETHYNYL-

UPDT:8303 CAS: 78-27-3 MW: 124.20 MOLFM: C8-H12-O

SYN: 1-ETHYNYLCYCLOHEXANOL * 1-ETHYNYLCYCLOHEXAN-1-OL * 1-ETHYNYL-1-CYCLOHEXANOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:600 mg/kg	AIHAAP 23,95,62
	ipr-mus LDLo:500 mg/kg	CBCCT* 4,228,52
	scu-mus LD50:840 mg/kg	ARZNAD 5,161,55
1R10	skn-rbt LD50:1000 mg/kg	AIHAAP 23,95,62

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GV9275000 CYCLOHEXANOL, 1-ETHYNYL-, CARBAMATE

UPDT:8406 CAS: 126-52-3 MW: 167.23 MOLFM: C9-H13-N-O2

SYN: CARBAMATE de L'ETHINYLCYCLOHEXANOL (French) * CARBAMIC ACID, 1-ETHYNYLCYCLOHEXYL ESTER * ETHINAMATE * 1-ETHINYLCYCLOHEXYL CARBAMATE * 1-ETHYNYLCYCLOHEXANOL CARBAMATE * 1-ETHYNYL-CYCLOHEXYL CARBAMATE * 1-ETHINYLCYCLOHEXYL CARBONATE * ETINAMATE * USAF EL-42 * VALAMINA * VALAMINETTAE * VALAMINETTEN * VALMID * VALMIDATE * VOLAMIN

TOXICITY DATA AND REFERENCES:

2F01F07	orl-rat LD50:331 mg/kg	JAPMA8 45,40,56
	scu-rat LD50:390 mg/kg	27ZQAG -,414,72
2F01F07	ivn-rat LD50:157 mg/kg	JAPMA8 45,40,56
1F07	orl-mus LD50:490 mg/kg	JAPMA8 45,40,56
	ipr-mus LD50:300 mg/kg	NTIS** AD277-689
*	ivn-mus LD50:108 mg/kg	JAPMA8 45,40,56
*	orl-dog LD50:190 mg/kg	NIIRDN 6,111,82
2F01F07	ivn-dog LD50:144 mg/kg	JAPMA8 45,40,56
	orl-rbt LD50:1000 mg/kg	27ZQAG -,414,72
	orl-gpg LD50:250 mg/kg	CLDND*

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GV9620000 CYCLOHEXANOL, p-ISOPROPYL-

UPDT:8305 CAS: 4621-04-9 MW: 142.27 MOLFM: C9-H18-O

SYN: p-ISOPROPYLCYCLOHEXANOL * 4-ISOPROPYLCYCLOHEXANOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 16,803,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2750 mg/kg	FCTXAV 16,803,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

CYCLOHEXANOL, 2-ISOPROPYL-5-METHYL- see: OT0350000

CYCLOHEXAN-1-OL, 2-ISOPROPYL-5-METHYL-, ACETATE, l- see: AI5900000

CYCLOHEXANOL, 1-(alpha-METHOXY-alpha-(2-(1-PYRROLIDINYL)ETHOXY)BENZYL)-, HYDROCHLORIDE see: OB4113000

GW0175000 CYCLOHEXANOL, METHYL-

UPDT:8404 CAS: 25639-42-3 MW: 114.21 MOLFM: C7-H14-O

SYN: HEXAHYDROCRESOL * HEXAHYDROMETHYLPHENOL * METHYLCYCLOHEXANOL * METHYL CYCLOHEXANOL (DOT) * METYLOCYKLOHEKSANOL (Polish) * UN 2617 (DOT)

TOXICITY DATA AND REFERENCES:

3F25L30M30	ihl-hmn TCLo:500 ppm	TGNCDL 2,55,61
	orl-rat LD50:1660 mg/kg	JIHTAB 25,415,43
	scu-rat LD50:2900 mg/kg	JIHTAB 25,415,43
	orl-rbt LDLo:1750 mg/kg	HBTXAC 1,194,55
	skn-rbt LDLo:6800 mg/kg	HBTXAC 1,194,55

REVIEW AND REFERENCES:

★ TLV-TWA 50 ppm; STEL 75 ppm DTLVS* 4,271,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 100 ppm (SCP-W) FEREAC 39,23540,74

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S374*

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOHEXANOL, 5-METHYL-2-(1-METHYLETHYL)-, (1-alpha,2-beta,5-alpha) see: OT0525000

CYCLOHEXANOL, 5-METHYL-2-(1-METHYLETHYL)-, ACETATE (8CI) see: AI5850000

CYCLOHEXANOL, 5-METHYL-2-(1-METHYLETHYL)-, ACETATE, (1R-(1alpha,2beta,5alpha))- (9CI) see: AI5900000

GW0558000 CYCLOHEXANOL, 5-METHYL-2-(1-METHYLETHYL)-1-(4-(1-PIPERIDINYL)-2-BUTYNYL)-, (1-alpha,2-alpha, 5-beta)-

UPDT:8412 CAS: 49832-42-0 MW: 291.53 MOLFM: C19-H33-N-O

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:200 mg/kg	CHTPBA 8,281,73

GW0680000 CYCLOHEXANOL, 4-PENTYL-

UPDT:8406 CAS: 54410-90-1 MW: 170.33 MOLFM: C11-H22-O

SYN: 4-n-PENTYLCYCLOHEXANOL

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:56 mg/kg	CSLNX* NX#10051

BEST COPY AVAILABLE

GW0690000 CYCLOHEXANOL, PENTYL-, ACETATE
UPDT:8305 MW: 211.36 MOLFM: C13-H23-O2
SYN: AMYLCYCLOHEXYL ACETATE (mixed isomers)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,679,76
GW0695000 1-CYCLOHEXANOL PEROXIDE
UPDT:8308 MW: 230.34 MOLFM: C12-H22-O4
SYN: DI(1-HYDROXYCYCLOHEXYL) PEROXIDE (DOT) * UN 2148 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE, LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
GW0759950 CYCLOHEXANOL, 2-(4-PHENYLPIPERIDINO)-, HYDROCHLORIDE
UPDT:8311 CAS: 23965-53-9 MW: 295.89 MOLFM: C17-H25-N-O Cl-H
SYN: AH 5183 * 2-(4-PHENYLPIPERIDINO)CYCLOHEXANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C08 orl-mus LD50:48931 ug/kg EJPHAZ 8,93,69
1C08 ivn-mus LD50:5874 ug/kg EJPHAZ 8,93,69
GW0763000 CYCLOHEXANOL, 1-(5-(1-PIPERIDINYL)-1-PENTYNYL)-, HYDROCHLORIDE
UPDT:8311 CAS: 52310-30-8 MW: 285.90 MOLFM: C16-H27-N-O Cl-H
SYN: 1-(5-(1-PIPERIDINYL)-1-PENTYNYL)CYCLOHEXANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:900 mg/kg EJMCA5 9,59,74
* ivn-mus LD50:67 mg/kg EJMCA5 9,59,74
CYCLOHEXANOL, 1-(2-PROPYNYL)-, CARBAMATE see: FD1150000
GW0875000 CYCLOHEXANOL, 3,3,5-TRIMETHYL-
UPDT:8307 CAS: 116-02-9 MW: 142.27 MOLFM: C9-H18-O
SYN: CYCLONOL * HOMOMENTHOL * ISOPHOROL, DIHYDRO- * 3,3,5-TRIMETHYLCYCLOHEXANOL * 3,3,5-TRIMETHYL-1-CYCLOHEXANOL * 3,3,5-TRIMETHYLCYCLOHEXANOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,1007,74
eye-rbt 675 ug SEV AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3250 mg/kg JIHTAB 31,60,49
skn-rbt LD50:2800 mg/kg JIHTAB 31,60,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
GW0878000 CYCLOHEXANOL, (2,2,3-TRIMETHYLNORBORNANYL)- (mixed isomers)
UPDT:8305
SYN: INDISAN * ISOCAMPHANYL CYCLOHEXANOL (mixed isomers) * ISOCAMPHYL CYCLOHEXANOL (mixed isomers)
IRRITATION DATA AND REFERENCES:
skn-hmn 20%/48H FCTXAV 14,801,76
skn-rbt 500 mg/24H MOD FCTXAV 14,801,76
CYCLOHEXANON (Dutch) see: GW1050000
GW1050000 CYCLOHEXANONE
UPDT:8412 CAS: 108-94-1 MW: 98.16 MOLFM: C6-H10-O
SYN: ANONE * CICLOESANONE (Italian) * CYCLOHEXANON (Dutch) * CYCLOHEXANONE (DOT) * CYKLOHEKSANON (Polish) * HEXANON * HYTROL O * KETOHEXAMETHYLENE * NCI-C55005 * PIMELIC KETONE * PIMELIN KETONE * RCRA WASTE NUMBER U057 * SEXTONE * UN 1915 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 75 ppm JIHTAB 25,282,43
skn-rbt 500 mg open MLD UCDS**
eye-rbt 4740 ug SEV AJOPAA 29,1363,46
MUTATION DATA AND REFERENCES:
mma-sat 20 uL/L EJMBA2 18,213,83
mma-hcs 200 uL/L EJMBA2 18,213,83
cyt-hmn:leu 100 umol/L DBTEAD 19,215,71
cyt-hmn:lym 5 ug/L GISAAA 46(5),76,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 ihl-rat TCLo:105 mg/m3/4H (1-20D preg) TPKVAL 14,26,75
TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-hmn TCLo:75 ppm JIHTAB 25,282,43
* orl-rat LD50:1535 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:2000 ppm/4H AIHAAP 30,470,69
scu-rat LD50:2170 mg/kg JIHTAB 25,415,43
orl-mus LD50:1400 mg/kg NTIS** AD-A066-307
ipr-mus LD50:1350 mg/kg COREAF 254,2245,62
scu-mus LDLo:1300 mg/kg AEXPBL 50,199,1903
ivn-dog LDLo:630 mg/kg 14CYAT 2,1719,63
orl-rbt LDLo:1600 mg/kg JIHTAB 25,199,43
* skn-rbt LD50:948 mg/kg AIHAAP 30,470,69
ihl-gpg TCLo:400 ppm/4H NTIS** AD-A066-307
ipr-gpg LDLo:250 mg/kg NTIS** AD-A066-307
scu-frg LDLo:1900 mg/kg AEXPBL 50,199,1903
REVIEW AND REFERENCES:
★ TLV-TWA 25 ppm; STEL 100 ppm (skin) DTLVS* 4,112,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm (SCP-A) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KETONES recm std-air:TWA 100 mg/m3 NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1300
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
GW1070000 CYCLOHEXANONE, 2-(p-AMINOPHENYL)-, HYDROCHLORIDE
UPDT:8406 MW: 225.74 MOLFM: C12-H15-N-O Cl-H
SYN: 2-(p-AMINOPHENYL)CYCLOHEXANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F07F12J22 ipr-mus LD50:750 mg/kg JAPMAB 47,240,58
GW1140000 CYCLOHEXANONE, p-tert-BUTYL-
UPDT:8305 CAS: 98-53-3 MW: 154.28 MOLFM: C10-H18-O
SYN: p-tert-BUTYLCYCLOHEXANONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3000 mg/kg FCTXAV 13,729,75
* skn-rbt LD50:5000 mg/kg FCTXAV 13,729,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
GW1225000 CYCLOHEXANONE, 2-CHLORO-
UPDT:8405 CAS: 822-87-7 MW: 132.60 MOLFM: C6-H9-Cl-O
SYN: alpha-CHLOROCYCLOHEXANONE * 2-CHLOROCYCLOHEXANONE
MUTATION DATA AND REFERENCES:
mma-sat 370 nmol/plate CBINAB 45,305,83
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:830 mg/kg COREAF 254,2683,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GW1234000 CYCLOHEXANONE, 2-p-CHLOROBENZYL-
UPDT:8406 MW: 222.73 MOLFM: C13-H15-Cl-O
SYN: 2-p-CHLOROBENZYLCYCLOHEXANONE
TOXICITY DATA AND REFERENCES:
3F07F12J22 ipr-mus LD50:740 mg/kg JAPMAB 47,240,58
GW1260000 CYCLOHEXANONE, 2-(p-CHLORO-alpha-HYDROXYBENZYL)-
UPDT:8406 MW: 238.73 MOLFM: C13-H15-Cl-O2
SYN: 2-(p-CHLORO-alpha-HYDROXYBENZYL)CYCLOHEXANONE
TOXICITY DATA AND REFERENCES:
3F07F12J22 ipr-mus LD50:1000 mg/kg JAPMAB 47,240,58
GW1300000 CYCLOHEXANONE, 2-(o-CHLOROPHENYL)-2-(METHYLAMINO)-, (+-)-
UPDT:8408 CAS: 6740-88-1 MW: 237.75 MOLFM: C13-H16-Cl-N-O
SYN: 2-(o-CHLOROPHENYL)-2-(METHYLAMINO)-CYCLOHEXANONE * CYCLOHEXANONE, 2-(2-CHLOROPHENYL)-2-(METHYLAMINO)-, (+-)- (9CI) * KETAMINE * 2-(o-ETHYLAMINO)-2-(2-CHLOROPHENYL)CYCLOHEXANONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T39 par-mky TDLo:1 mg/kg (23W preg) BJANAD 47,917,75
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg BJANAD 55,457,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOHEXANONE, 2-(2-CHLOROPHENYL)-2-(METHYLAMINO)-, (+-)- (9CI) see: GW1300000
GW1400000 CYCLOHEXANONE, 2-(o-CHLOROPHENYL)-2-(METHYLAMINO)-, HYDROCHLORIDE
UPDT:8411 CAS: 1867-66-9 MW: 274.21 MOLFM: C13-H16-Cl-N-O Cl-H
SYN: 2-(o-CHLOROPHENYL)-2-(METHYLAMINO)CYCLOHEXANONE HYDROCHLORIDE * CI 581 * CL 369 * CN-52,372-2 * KETAJECT * KETALAR * KETAMINE * KETAMINE HYDROCHLORIDE * (+-)-KETAMINE HYDROCHLORIDE * KETANEST * KETASET * KETAVET * RETOLAR * VETALAR
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ipr-rat TDLo:1700 mg/kg (1-17D preg) BEANBJ 26,137,79
TOXICITY DATA AND REFERENCES:
3F08F24F29 unk-man TDLo:1 mg/kg CSLNX* NX#03551
1F29 ivn-hmn TDLo:2 mg/kg BMJOAE 2,943,76
* orl-rat LD50:447 mg/kg NIIRDN 6,264,82
ipr-rat LD50:224 mg/kg TXAPA9 18,185,71
* ivn-rat LD50:58880 ug/kg NIIRDN 6,264,82
* orl-mus LD50:617 mg/kg NIIRDN 6,264,82
* ipr-mus LD50:224 mg/kg NIIRDN 6,264,82
* ivn-mus LD50:55900 ug/kg NIIRDN 6,264,82
* ims-gpg LD50:361 mg/kg VHTODE 24,410,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOHEXANONE, 4-(1,1-DIMETHYLPROPYL)- see: GW1960000
CYCLOHEXANONE (DOT) see: GW1050000
GW1470000 CYCLOHEXANONE, 4-(1-ETHOXYETHENYL)-3,3,5,5-TETRAMETHYL-
UPDT:8401 CAS: 36306-87-3 MW: 224.38 MOLFM: C14-H24-O2
SYN: 4-(1-ETHOXYETHENYL)-3,3,5,5-TETRAMETHYLCYCLOHEXANONE * KEPHALIS * 3,3,5,5-TETRAMETHYL-4-ETHOXYVINYLCYCLOHEXANONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),835,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CYCLOHEXANONE ISO-OXIME see: CM3675000
CYCLOHEXAN-1-ONE, 2-ISOPROPYL-5-METHYL-, RACEMIC see: OS9541500
GW1575000 CYCLOHEXANONE, METHYL-
UPDT:8404 CAS: 1331-22-2 MW: 112.19 MOLFM: C7-H12-O
SYN: METHYLCYCLOHEXANONE * METHYL CYCLOHEXANONE (DOT) * METYLOCYKLOHEKSANON (Polish) * UN 2297 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1000 mg/kg JIHTAB 25,199,43
skn-rbt LDLo:4900 mg/kg JIHTAB 25,199,43
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS VOL 4 S375*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
GW1750000 CYCLOHEXANONE, 2-METHYL-
UPDT:8307 CAS: 583-60-8 MW: 112.19 MOLFM: C7-H12-O
SYN: 2-METHYL-CYCLOHEXANON (German, Dutch) * o-METHYLCYCLOHEXANONE * 2-METHYLCYCLOHEXANONE * 2-METILCICLOESANONE (Italian)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2140 mg/kg AIHAAP 30,470,69
ipr-mus LD50:200 mg/kg NTIS** AD691-490
ivn-mus LDLo:270 mg/kg COREAF 236,633,53
2G10H02 orl-rbt LD50:1 gm/kg DTLVS* 4,272,80
* skn-rbt LD50:1635 mg/kg AIHAAP 30,470,69
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm; STEL 75 ppm (skin) DTLVS* 4,272,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (skin) (SCP-W) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CYCLOHEXANONE, 5-METHYL-2-(1-METHYLETHYL)-, trans- see: OS9542200
CYCLOHEXANONE, 5-METHYL-2-(1-METHYLETHYL)-, (Z)- see: OS9542500
GW1800000 CYCLOHEXANONE, 2-METHYL-2-NITRO-, O-(METHYLCARBAMOYL)OXIME
UPDT:8309 CAS: 20417-85-0 MW: 229.27 MOLFM: C9-H15-N3-O4
SYN: ENT 27 304 * 2-METHYL-2-NITROCYCLOHEXANONE O-((METHYLAMINO)CARBONYL)OXIME * UC-23746 * UNION CARBIDE UC-23746
TOXICITY DATA AND REFERENCES:
orl-rat LD50:47 mg/kg ARSIM* 20,25,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
GW1925000 CYCLOHEXANONE, OXIME
UPDT:8407 CAS: 100-64-1 MW: 113.18 MOLFM: C6-H11-N-O
SYN: ANTIOXIDANT D * (HYDROXYIMINO)CYCLOHEXANE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:250 mg/kg NTIS** AD691-490
1E15 unk-mus LD50:710 mg/kg PCJOAU 12,227,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
GW1960000 CYCLOHEXANONE, 4-tert-PENTYL-
UPDT:8305 CAS: 16587-71-6 MW: 168.31 MOLFM: C11-H20-O
SYN: 4-tert-AMYLCYCLOHEXANONE * CYCLOHEXANONE, 4-(1,1-DIMETHYLPROPYL)- * 4-(1,1-DIMETHYLPROPYL)CYCLOHEXANONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 12,819,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4700 mg/kg FCTXAV 12,819,74

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GW1966000 CYCLOHEXANONE, 2-PENTYLIDENE-
UPDT:8305 CAS: 25677-40-1 MW: 166.29 MOLFM: C11-H18-O
SYN: 2-PENTYLIDENECYCLOHEXANONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 20(Suppl),797,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5 gm/kg FCTOD7 20(Suppl),797,82
* skn-rbt LD50:3500 mg/kg FCTOD7 20(Suppl),797,82

GW2029000 CYCLOHEXANONE PEROXIDE, not over 50% PEROXIDE
UPDT:8308 CAS: 12262-58-7
SYN: CYCLOHEXANONE PEROXIDE (DOT) * UN 2896 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GW2030000 CYCLOHEXANONE PEROXIDE, 50 to 85% PEROXIDE
UPDT:8401 CAS: 12262-58-7
SYN: CYCLOHEXANONE PEROXIDE (DOT) * CYCLOHEXANONE PEROXIDE, maximum concentration 72%, as a paste (DOT) * CYCLOHEXANONE PEROXIDE, maximum concentration 72%, in solution (DOT) * CYCLONOX LB 50 * CYCLONOX LNC * LUPEROX CH-5 * UN 2118 (DOT) * UN 2119 (DOT) * UN 2896 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GW2040000 CYCLOHEXANONE PEROXIDE, in a concentration of more than 90%
UPDT:8312 CAS: 12262-58-7
SYN: UN 2117 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEPOXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CYCLOHEXANONE PEROXIDE (DOT) see: GW2029000
CYCLOHEXANONE PEROXIDE (DOT) see: GW2030000
CYCLOHEXANONE PEROXIDE, maximum concentration 72%, as a paste (DOT) see: GW2030000
CYCLOHEXANONE PEROXIDE, maximum concentration 72%, in solution (DOT) see: GW2030000

GW2120000 CYCLOHEXANONE, 2-(o-TOLYL)-
UPDT:8406 MW: 188.29 MOLFM: C13-H16-O
SYN: 2-(o-TOLYL)CYCLOHEXANONE
TOXICITY DATA AND REFERENCES:
3F07F12J22 ipr-mus LD50:1200 mg/kg JAPMAB 47,240,58

GW2123000 CYCLOHEXANONE, 2-(p-TOLYL)-
UPDT:8406 MW: 188.29 MOLFM: C13-H16-O
SYN: 2-(p-TOLYL)CYCLOHEXANONE
TOXICITY DATA AND REFERENCES:
3F07F12J22 ipr-mus LDLo:1000 mg/kg JAPMAB 47,240,58
CYCLOHEXANONMELLVETIKOSID (German) see: FH4710000 3-beta-CARD-20(22)-ENOLIDE, 3-beta-((3,4-OCYCLOHEXYLIDENE-2,6-DIDEOXY-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
CYCLOHEXANYL ACETATE see: AG5075000
CYCLOHEXATRIENE see: CY1400000

GW2500000 CYCLOHEXENE
UPDT:8404 CAS: 110-83-8 MW: 82.16 MOLFM: C6-H10
SYN: BENZENETETRAHYDRIDE * BENZENE, TETRAHYDRO- * CYKLOHEKSEN (Polish) * HEXANAPHTHYLENE * TETRAHYDROBENZENE * 1,2,3,4-TETRAHYDROBENZENE * UN 2256 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 300 ppm; STEL 375 ppm DTLVS* 4,113,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 300 ppm (SCP-F) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1500
REPORTED IN EPA TSCA INVENTORY, 1983

GW2501500 1-CYCLOHEXENE-1-ACETAMIDE, alpha-(2-(DIETHYLAMINO)ETHYL)-alpha-PHENYL-, DIHYDRATE
UPDT:8309 MW: 358.56 MOLFM: C20-H30-N2-O 2H2-O
SYN: alpha-(2-(DIETHYLAMINO)ETHYL)-alpha-PHENYL-1-CYCLOHEXENE-1-ACETAMIDE DIHYDRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:12 mg/kg AIPTAK 103,100,55

GW2580000 7-CYCLOHEXENE-1-BUTANOIC ACID, 6-(((2-OXO-2H-1-BENZOPYRAN-7-YL)OXY)METHYL))-alpha,2,3,6- TETRAMETHYL-
UPDT:8310 CAS: 3566-55-0 MW: 398.54 MOLFM: C24-H30-O5
SYN: GALBANIC ACID
TOXICITY DATA AND REFERENCES:
2G10J20 ipr-mus LD50:227 mg/kg RRESAB 12,259,76

GW2625000 3-CYCLOHEXENE-1-CARBONITRILE
UPDT:8407 CAS: 100-45-8 MW: 107.17 MOLFM: C7-H9-N
SYN: 3-CYCLOHEXENYL CYANIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:460 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:9460 mg/kg AMIHBC 10,61,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW2700000 CYCLOHEXENECARBOXALDEHYDE
UPDT:8312 CAS: 1321-16-0 MW: 110.17 MOLFM: C7-H10-O
SYN: BENZALDEHYDE, TETRAHYDRO- * TETRAHYDROBENZALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 6/28/65
eye-rbt 5 mg SEV UCDS** 6/28/65
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2460 mg/kg UCDS** 6/28/65
3F07F13F25 orl-mus LD50:1000 mg/kg GTPZAB 18(11),41,74
3F07F13F25 ihl-mus LC50:556 mg/m3/4H GTPZAB 18(11),41,74
3F07F13F25 orl-rbt LD50:1600 mg/kg GTPZAB 18(11),41,74
skn-rbt LD50:1770 mg/kg UCDS** 6/28/65
3F07F13F25 orl-gpg LD50:1750 mg/kg GTPZAB 18(11),41,74
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
3-CYCLOHEXENE-1-CARBOXALDEHYDE see: GW2800000

GW2800000 4-CYCLOHEXENE-1-CARBOXALDEHYDE
UPDT:8308 CAS: 100-50-5 MW: 110.17 MOLFM: C7-H10-O
SYN: 3-CYCLOHEXENE-1-CARBOXALDEHYDE * 4-FORMYLCYCLOHEXENE * 1,2,3,6-TETRAHYDROBENZALDEHYDE (DOT) * 1,2,3,6-TETRAHYDROBENZALDEHYDE * UN 2498 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2460 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:1770 mg/kg AIHAAP 23,95,62
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GW2967000 1-CYCLOHEXENE-1-CARBOXALDEHYDE, 4-ISOPROPENYL-
UPDT:8401 CAS: 2111-75-3 MW: 150.24 MOLFM: C10-H14-O
SYN: 1-CYCLOHEXENE-1-CARBOXALDEHYDE, 4-(1-METHYLETHENYL)- (9CI) * DIHYDROCUMINYL ALDEHYDE * 4-ISOPROPENYL-1-CYCLOHEXENE-1-CARBOXALDEHYDE * para-MENTHA-1,8-DIEN-7-AL * PERILLA ALDEHYDE * PERILLAL * PERILLALDEHYDE * PERILLYL ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-gpg 100%/24H MOD FCTOD7 20(Suppl),799,82
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1720 mg/kg FCTOD7 20(Suppl),799,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GW2975000 1-CYCLOHEXENE-1-CARBOXALDEHYDE, 4-ISOPROPENYL-, ANTI-OXIME
UPDT:8403 CAS: 30950-27-7 MW: 165.26 MOLFM: C10-H15-N-O
SYN: 4-ISOPROPENYL-1-CYCLOHEXENE-1-CARBOXALDEHYDE, ANTI-OXIME * 1-PERILLALDEHYDE alpha-ANTIOXIME * l-PERILLALDEHYDE alpha-SYN-OXIME * PERILLARTINE * PERILLA SUGAR
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg AFDOAQ 15,82,51
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDJOAS 23(2),328,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GW3150000 3-CYCLOHEXENE-1-CARBOXALDEHYDE, 6-METHYL-
UPDT:8303 CAS: 89-94-1 MW: 124.20 MOLFM: C8-H12-O
SYN: 4-CYCLOHEXENE-1-CARBOXALDEHYDE, 2-METHYL- * 2-METHYL-4-CYCLOHEXENE-1-CARBOXALDEHYDE * 2-METHYL-1,2,3,6-TETRAHYDROBENZALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5660 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:3150 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
4-CYCLOHEXENE-1-CARBOXALDEHYDE,2-METHYL- see: GW3150000
1-CYCLOHEXENE-1-CARBOXALDEHYDE, 4-(1-METHYLETHENYL)- (9CI) see: GW2967000

GW3350000 3-CYCLOHEXENE-1-CARBOXALDEHYDE, 4-(5-METHYL-3-PENTEN-1-YL)-
UPDT:8305 MW: 180.32 MOLFM: C12-H20-O
SYN: ISOMEXENYL CYCLOHEXENYL CARBOXALDEHYDE * 4-(4-METHYL-3-PENTEN-1-YL)-3-CYCLOHEXENE-1-CARBOXALDEHYDE * MYRAC ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,803,76

GW3400000 3-CYCLOHEXENE-1-CARBOXALDEHYDE, 2,4,6-TRIMETHYL-, and 3,5,6-TRIMETHYL-3-CYCLOHEXENE-1- CARBOXALDEHYDE
UPDT:8305 CAS: 1335-66-6 MW: 152.26 MOLFM: C10-H16-O
SYN: 1-FORMYL-3,5,6-TRIMETHYL-3-CYCLOHEXENE and 1-FORMYL-2,4,6-TRIMETHYL-3-CYCLOHEXENE * ISOCYCLOCITRAL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,313,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4500 mg/kg FCTXAV 14,313,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GW3675000 3-CYCLOHEXENE-1-CARBOXYLIC ACID
UPDT:8407 CAS: 4771-80-6 MW: 126.17 MOLFM: C7-H10-O2
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
eye-rbt 250 ug open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4260 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:1000 mg/kg AMIHBC 10,61,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW3850000 3-CYCLOHEXENE-1-CARBOXYLIC ACID, (2-CYCLOHEXENYL)METHYL ESTER
UPDT:8307 CAS: 64011-52-5 MW: 220.34 MOLFM: C14-H20-O2
SYN: 2-CYCLOHEXENYLMETHYL 3-CYCLOHEXENECARBOXYLATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:5000 mg/kg TXAPA9 28,313,74

GW4375000 3-CYCLOHEXENE-1-CARBOXYLIC ACID, 2-(DIMETHYLAMINO)-1-PHENYL-, ETHYL ESTER, HYDROCHLORIDE, trans-(+-)-
UPDT:8403 CAS: 27107-79-5 MW: 309.87 MOLFM: C17-H23-N-O2 Cl-H
SYN: dl-trans-2-DIMETHYLAMINO-1-PHENYL-CYCLOHEX-3-EN-trans-1-CARBONSAFUREAETHYLESTER HCl (German) * dl-trans-2-DIMETHYLAMINO-1-PHENYL-CYCLOHEX-3-ENE-trans-CARBONIC ACID ETHYL ESTER HCl * ETHYL DL-trans-2-DIMETHYLAMINO-1-PHENYL 3-CYCLOHEXENE-1-CARBOXYLATE * (+-)-ETHYL-1-cis-2-(DIMETHYLAMINO)-1-PHENYL-3-CYCLOHEXENE-1-CARBOXYLATE HYDROCHLORIDE * GQ-1261 * Ge 1261 C * TILDATE * TILIDINE HYDROCHLORIDE * DL-trans,trans-TILIDINE HYDROCHLORIDE * VALORON * VALORON HYDROCHLORIDE * W 5759A
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T87 orl-rat TDLo:1450 mg/kg (15-22D preg/21D post) ARZNAD 20,983,70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:190 mg/kg ARZNAD 20,983,70
scu-rat LD50:400 mg/kg ARZNAD 20,977,70
ivn-rat LD50:74 mg/kg ARZNAD 20,977,70
orl-mus LD50:437 mg/kg ARZNAD 20,977,70
scu-mus LD50:490 mg/kg ARZNAD 20,977,70
ivn-mus LD50:52 mg/kg ARZNAD 20,977,70
orl-dog LD50:500 mg/kg ARZNAD 20,977,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW4400000 3-CYCLOHEXENE-1-CARBOXYLIC ACID, 5-ETHYL-4-(p-HYDROXYPHENYL)-6-METHYL-, ACETATE (ester)
UPDT:8403 CAS: 21161-63-7 MW: 302.40 MOLFM: C18-H22-O4
SYN: 5-ETHYL-4-(p-HYDROXYPHENYL)-6-METHYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID ACETATE (ester) * 2-METHYL-3-ETHYL-4-p-ACETOXYPHENYL delta(sup 4)-CYCLOHEXENE CARBOXYLIC ACID * ORF 5529
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:34 ug/kg (1D preg) JPETAB 167,105,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW4410000 3-CYCLOHEXENE-1-CARBOXYLIC ACID, 5-ETHYL-4-(p-HYDROXYPHENYL)-6-METHYL-, SODIUM SALT
UPDT:8403 CAS: 22921-19-2 MW: 282.34 MOLFM: C16-H19-O3 Na
SYN: 5-ETHYL-4-(p-HYDROXYPHENYL)-6-METHYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID SODIUM SALT * 2-METHYL-3-ETHYL-4-p-HYDROXYPHENYL-delta(sup 4)-CYCLOHEXENE CARBOXYLIC ACID SODIUM SALT * ORF 6128
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:30 ug/kg (1D preg) JPETAB 167,105,69

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW4430000 3-CYCLOHEXENE-1-CARBOXYLIC ACID, 3-ETHYL-4-(p-METHOXYPHENYL)-2-METHYL-
UPDT:8403 CAS: 1755-52-8 MW: 274.39 MOLFM: C17-H22-O3
SYN: CARBESTROL * 3-ETHYL-4-(p-METHOXYPHENYL)-2-METHYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID * 2-METHYL-3-ETHYL-4-p-METHOXYPHENYL-delta(sup 2)-CYCLOHEXENE CARBOXYLIC ACID * NSC 19962 * ORF 2166

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	orl-rat TDLo:16 mg/kg (8D male)	JRPFA4 12,381,66
1T22	orl rat TDLo:30 ug/kg (1D preg)	JPETAB 167,105,69

TOXICITY DATA AND REFERENCES:

3F14K12K13	orl-hmn TDLo:126 mg/kg/6W-I	CCROBU 56,641,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW4450000 3-CYCLOHEXENE-1-CARBOXYLIC ACID, 5-ETHYL-6-METHYL-4-PHENYL-
UPDT:8312 CAS: 7698-97-7 MW: 244.36 MOLFM: C16-H20-O2
SYN: FENETREL * 2-METHYL-3-ETHYL-4-PHENYL-4-CYCLOHEXENE CARBOXYLIC ACID * 2-METHYL-3-ETHYL-4-PHENYL delta(sup 4)-CYCLOHEXENECARBOXYLIC ACID * ORF 3858

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T24T25T26	orl-rat TDLo:22500 ng/kg (1-9D preg)	CCPTAY 3,347,71
1T13	orl-rat TDLo:100 ng/kg (7D pre)	CCPTAY 3,347,71
1T25	orl-rat TDLo:25 ug/kg (5D preg)	CCPTAY 14,487,76
1T13	scu-mus TDLo:6720 ng/kg (3D pre)	FESTAS 20,211,69
1T22	orl-mky TDLo:10 mg/kg (1-6D preg)	AJOGAH 115,1011,73
1T24	scu-rbt TDLo:150 ug/kg (1-3D preg)	FESTAS 20,211,69
2T24T34	unk-rbt TDLo:290 ug/kg (1-29D preg)	CCPTAY 2,85,70
1T24	unk-rbt TDLo:150 ug/kg (1-3D preg)	FESTAS 18,18,67
1T24	orl-ham TDLo:90 mg/kg (1-9D preg)	CCPTAY 3,347,71
1T13	orl-ham TDLo:700 ug/kg (7D pre)	CCPTAY 3,347,71

TUMORIGENIC DATA AND REFERENCES:

2V03R60	orl-rat TDLo:27 mg/kg/52W-C	TXAPA9 19,412,71

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2350 mg/kg	TXAPA9 19,412,71
*	orl-mus LD50:680 mg/kg	TXAPA9 19,412,71
*	ipr-mus LD50:150 mg/kg	TXAPA9 19,412,71
1F12	ivn-dog LDLo:20 mg/kg	TXAPA9 19,412,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW4500000 3-CYCLOHEXENE-1-CARBOXYLIC ACID, 5-ETHYL-6-METHYL-4-PHENYL-, SODIUM SALT
UPDT:8405 CAS: 16550-39-3 MW: 266.34 MOLFM: C16-H19-O2-Na
SYN: 3-ETHYL-2-METHYL-4-PHENYL-4-CYCLOHEXENECARBOXYLIC ACID SODIUM SALT * 5-ETHYL-6-METHYL-4-PHENYL-3-CYCLOHEXENE 1-CARBOXYLIC ACID SODIUM SALT * MEBANE SODIUM SALT * 2-METHYL-3-ETHYL-4-PHENYL-delta(sup 4)-CYCLOHEXENE CARBOXYLIC ACID SODIUM SALT * ORF 4363

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:25 ug/kg (3D prog)	CCPTAY 5,473,72
1T22	orl-rat TDLo:25 ug/kg (1D preg)	JPETAB 167,105,69
1T22	orl-rbt TDLo:1 mg/kg (1D preg)	JPETAB 167,105,69
1T22	ims-rbt TDLo:1 mg/kg (1D preg)	JPETAB 167,105,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW4550000 3-CYCLOHEXENE-1-CARBOXYLIC ACID, 1-METHYL-
UPDT:8307 CAS: 16646-42-7 MW: 140.20 MOLFM: C8-H12-O2
SYN: 1-METHYL-3-CYCLOHEXENECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2140 mg/kg	TXAPA9 28,313,74
*	skn-rbt LD50:500 mg/kg	TXAPA9 28,313,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW4600000 1-CYCLOHEXENE-1-CARBOXYLIC ACID, 3,4,5-TRIHYDROXY-
UPDT:8408 CAS: 138-59-0 MW: 174.17 MOLFM: C7-H10-O5
SYN: BRACKEN FERN TOXIC COMPONENT * SHIKIMATE * SHIKIMIC ACID * 3,4,5-TRIHYDROXY-1-CYCLOHEXENE-1-CARBOXYLIC ACID

MUTATION DATA AND REFERENCES:

	dlt-mus-ipr 1000 mg/kg	BJLSAF 73,105,76
	dlt-mus-orl 3200 mg/kg	NATUAS 250,348,74
	otr-ham:kdy 250 mg/L	TOLEDS 19,43,83

TUMORIGENIC DATA AND REFERENCES:

2V03K60	orl-mus TDLo:4000 mg/kg	NATUAS 250,348,74
2V03K60	ipr-mus TDLo:40 mg/kg	NATUAS 250,348,74

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:1000 mg/kg	NATUAS 250,348,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW4900000 4-CYCLOHEXENE-1,2-DICARBOXIMIDE, N-((1,1,2,2-TETRACHLOROETHYL)THIO)-
UPDT:8405 CAS: 2425-06-1 MW: 349.06 MOLFM: C10-H9-Cl4-N-O2-S
SYN: CAPTAFOL * CAPTATOL * CAPTOFOL * DIFOLATAN * DIFOSAN * FOLCID * ORTHO 5865 * SANSPOR * SULFONIMIDE * SULPHEIMIDE * N-(1,1,2,2-TETRACHLORAETHYLTHIO)-CYCLOHEX-4-EN-1,4-DICARBOXIMID (German) * N-1,1,2,2-TETRACHLOROETHYLMERCAPTO-4-CYCLOHEXENE-1,2-CARBOXIMIDE * N-((1,1,2,2-TETRACHLOROETHYL)SULFENYL) cis-4-CYCLOHEXENE-1,2-DICARBOXIMIDE * N-(1,1,2,2-TETRACHLOROETHYLTHIO) 4-CYCLOHEXENE 1,2 DICARBOXIMIDE

MUTATION DATA AND REFERENCES:

	mmo-esc 50 ug/plate	MUREAV 40,19,76
	mma-esc 50 ug/plate	MUREAV 116,185,83
	mrc-bcs 100 ng/disc/24H	MUREAV 40,19,76
	mrc-asn 20 ug/plate	MUREAV 46,395,77
	dlt-rat-ipr 25 mg/kg/5D	FCTXAV 10,353,72
	cyt-ham:lng 10 umol/L	MUREAV 78,177,80
	sce-ham:lng 2 umol/L	MUREAV 78,177,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81	orl-rat TDLo:11 gm/kg (MGN)	TXAPA9 13,420,68
1T35	orl-rat TDLo:250 mg/kg (5D male)	FCTXAV 10,363,72
1T35	ipr-rat TDLo:500 mg/kg (5D male)	FCTXAV 10,363,72
1T25	orl-rbt TDLo:975 mg/kg (6-18D preg)	TXAPA9 13,420,68
2T35T46	orl-ham TDLo:200 mg/kg (8D preg)	TXAPA9 16,24,70
1T41	orl-ham TDLo:400 mg/kg (7D preg)	TXAPA9 16,24,70

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2500 mg/kg	WRPCA2 9,119,70
*	ipr-mus LDLo:3 mg/kg	FCTXAV 13,55,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 32(1),3,75

★ TLV-TWA 100 ug/m3 (skin) DTLVS* 4,65,80

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW4990000 CYCLOHEXENE-1,2-DICARBOXIMIDE, N-((TRICHLOROMETHYL)THIO)-
UPDT:8407 MW: 300.59 MOLFM: C9-H8-Cl3-N-O2-S
SYN: N-TRICHLOROMETHYLTHIOTETRAHYDROPHTHALIMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T22T25T73	unk-rat TDLo:105 mg/kg (10-16D preg)	SAKNAH 64,737,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW5075000 4-CYCLOHEXENE-1,2-DICARBOXIMIDE, N-(TRICHLOROMETHYL)THIO-
UPDT:8412 CAS: 133-06-2 MW: 300.59 MOLFM: C9-H8-Cl3-N-O2-S
SYN: AACAPTAN * AGROSOL S * ACROX 2-WAY AND 3-WAY * AMERCIDE * BANGTON * BEAN SEED PROTECTANT * CAPTAF * CAPTAF 85W * CAPTAN * CAPTANCAPTENEET 26.538 * CAPTAN (DOT) * CAPTANE * CAPTAN-STREPTOMYCIN 7.5-0.1 POTATO SEED PIECE PROTECTANT * CAPTAN 50W * CAPTEX * ENT 26,538 * ESSOFUNGICIDE 406 * FLIT 406 * FUNGUS BAN TYPE II * GLYODEX 3722 * GRANOX PFM * GUSTAFSON CAPTAN 30-DD * HEXACAP * 1H-ISOINDOLE-1,3(2H)-DIONE, 3a,4,7,7a-TETRAHYDRO-2-((TRICHLOROMETHYL)THIO)- * KAPTAN * LE CAPTANE (French) * MALIPUR * MERPAN * MICRO-CHECK 12 * MERACID * NA 9099 (DOT) * NCI-C00077 * ORTHOCIDE * ORTHOCIDE 7.5 * ORTHOCIDE 50 * ORTHOCIDE 406 * OSOCIDE * SR406 * STAUFFER CAPTAN * 3a,4,7,7a-TETRAHYDRO-N-(TRICHLOROMETHANESULPHENYL)PHTHALIMIDE * 1,2,3,6-TETRAHYDRO-N-(TRICHLOROMETHYLTHIO)PHTHALIMIDE * N-TRICHLOROMETHYLMERCAPTO-4-CYCLOHEXENE-1,2-DICARBOXIMIDE * N-(TRICHLOROMETHYLMERCAPTO) delta(sup 4)-TETRAHYDROPHTHALIMIDE * N-TRICHLOROMETHYLTHIOCYCLOMEX 4 ENE 1,2 DICARBOXIMIDE * N-TRICHLOROMETHYLTHIO-cis-delta(sup 4)-CYCLOHEXENE-1,2-DICARBOXIMIDE * N-((TRICHLOROMETHYL)THIO)-4-CYCLOHEXENE 1,2 DICARBOXIMIDE * N-((TRICHLOROMETHYL)THIO)TETRAHYDROPHTHALIMIDE * N-TRICHLOROMETHYLTHIO 3a,4,7,7a-TETRAHYDROPHTHALIMIDE * VANCIDE 89 * VANCIDE P-75 * VANGARD K * VANGUARD K * VANICIDE * VONDCAPTAN

MUTATION DATA AND REFERENCES:

	mmo-sat 310 ng/plate	MUREAV 130,79,84
	mma-sat 5 ug/plate	NTIS** PB268-647
	mmo-esc 5 ug/plate	NTIS** PB268-647
	mma-esc 5 ug/plate	NTIS** PB268-647
	dnr-esc 10 gm/L	CBINAB 5,77,72
	mmo-bcs 50 ug/plate	JAFCAU 29,268,81
	mma-bcs 50 ug/plate	JAFCAU 29,268,81
	mrc-bcs 20 ug/disc/24H	MUREAV 40,19,76
	mma-omi 1000 ppm	MMAPAP 50,233,73
	sln-dmg-orl 2000 ppm	JPFCD2 B15,867,80
	mmo-smc 1 gm/L/25H-C	ZAPOAK 9,77,69
	mrc-smc 30 ppm	NTIS** PB268-647
	mmo-asn 20 mg/L	MUREAV 85,473,81
	mrc-asn 2 mg/plate	MUREAV 46,395,77
	mma-hmn:fbr 1 umol/L	MUREAV 42,161,77
	dns-hmn:fbr 1 umol/L	MUREAV 42,161,77
	dni-hmn:hla 8300 nmol/L	MUREAV 92,427,82
	oms-hmn:lym 1 mg/L	CYGEDX 17(1),29,83
	cyt-hmn:lng 10 mg/L	ANYAA9 160,344,69
	sce-hmn:lym 30 umol/L	MUREAV 79,53,80
	dlt-rat-orl 500 mg/kg/5D	FCTXAV 10,353,72
	cyt-mus-orl 50 mg/kg	CHYCDW 16,300,82
	dlt-mus-orl 1000 mg/kg/5D	FCTXAV 10,353,72
	msc-mus-orl 50 mg/kg	CHYCDW 16,300,82
	hma-mus/sat 1500 mg/kg	BIZNAT 91,311,72
	hma-mus/sm 1500 mg/kg	BIZNAT 91,311,72
	hma-mus/esc 800 mg/kg	MUREAV 32,3,75
	otr-ham:kdy 2 mg/L	TXCYAC 19,55,81
	cyt-ham:lng 10 mg/L	AMONDS 3,253,80
	sce-ham:lng 6 umol/L	MUREAV 78,177,80
	sce-ham:ovr 950 pmol/L	CNJGAB 22,681,80
	msc-ham:lng 5 mg/L	MUREAV 33,261,75
	msc-ham:ovr 100 mg/L	ENMUDM 3,233,81
	dni-mam:lym 160 umol/L	PCBPBS 8,317,78
	cyt-mam:kdy 1 mg/L	ANYAA9 160,344,69

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-rat TDLo:500 mg/kg (5D male)	FCTXAV 10,353,72
2T25T31	ipr-rat TDLo:25 mg/kg (14D preg)	CRSBAW 168,1173,74
1T31	orl-mus TDLo:900 mg/kg (9-14D preg)	NTIS** PB223-160
3T72T75T81	orl-mus TDLo:250 mg/kg (5D male)	TXAPA9 23,277,72
3T26T34T35	scu-mus TDLo:900 mg/kg (9-14D preg)	NTIS** PB223-160
3T31T42T43	scu-mus TDLo:900 mg/kg (9-14D preg)	NTIS** PB223-160
1T71	orl-dog TDLo:1890 mg/kg (1-63D preg)	32OAAP 2,253,73
1T25	orl-rbt TDLo:244 mg/kg (6-18D preg)	TXAPA9 7,420,68
1T46	orl-ham TDLo:300 mg/kg (8D preg)	TXAPA9 16,24,70
1T25	orl-ham TDLo:3750 mg/kg (1-15D preg)	TXAPA9 13,420,68
1T35	orl-ham TDLo:200 mg/kg (8D preg)	TXAPA9 16,24,70
1T41	orl-ham TDLo:750 mg/kg (7D preg)	TXAPA9 16,24,70

TUMORIGENIC DATA AND REFERENCES:

2V02K60	orl-mus TDLo:1075 gm/kg/80W-C	NCITR* NCI-CG-TR-15,77
2V03K60	orl-mus TD :540 gm/kg/80W-C	NCITR* NCI-CG-TR-15,77

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:1071 mg/kg	34ZIAG -,151,69
*	orl-rat LD50:9 gm/kg	ARSIM* 20,6,66
	or -mus LD50:7000 mg/kg	TXAPA9 45,320,78
	ihl-mus LC50:5000 mg/m3/2H	TXAPA9 45,320,78
	ipr-mus LD50:462 mg/kg	TXAPA9 45,320,78
*	orl-rbt LD50:740 mg/kg	85GMAT -,114,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 32(1),3,75; CNDQA8 10(3),43,75

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 30,295,83

★ TLV-TWA 5 mg/m3, STEL 15 mg/m3 DTLVS* 4,66,80

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172,101,82

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-15,77)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-15,77)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW5075100 4-CYCLOHEXENE-1,2-DICARBOXIMIDE, N-(TRICHLOROMETHYL)THIO-, cis-
UPDT:8309 MW: 300.59 MOLFM: C9-H8-Cl3-N-O2-S
SYN: CAPTAN * CAPTANE * MERPAN * ORTHOCIDE * PILLARCAP * cis-N-((TRICHLOROMETHYL)THIO)-4-CYCLOHEXENE-1,2-DICARBOXIMIDE * VONDCAPTAN

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:9000 mg/kg	FMCHA2 -,C44,83

GW5115000 CYCLOHEXENE-1,2-DICARBOXYLIC ACID, BIS(2,4-HEXADIENYL) ESTER
UPDT:8308 MW: 330.46 MOLFM: C20-H26-O4
SYN: TETRAHYDROPHTHALIC ACID, 2,4-HEXADIENYL DIESTER

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:45200 mg/kg	TXAPA9 28,313,74
*	skn-rbt LD50:16 gm/kg	TXAPA9 28,313,74

GW5200000 1-CYCLOHEXENE-1,2-DICARBOXYLIC ACID, DIMETHYL ESTER
UPDT:8307 CAS: 4336-19-0 MW: 198.74 MOLFM: C10-H14-O4

BEST COPY AVAILABLE

SYN: DIMETHYL TETRAHYDROPHTHALATE
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg — AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:700 mg/kg — JIHTAB 31,60,49

GW5775000 4-CYCLOHEXENE-1,2-DICARBOXYLIC ANHYDRIDE
UPDT:8312 CAS: 85-43-8 MW: 152.16 MOLFM: C8-H8-O3
SYN: ANHYDRID KYSELINY TETRAHYDROFTALOVE (Czech) * 1,3-ISOBENZOFURANDIONE 3a,4,7,7a-TETRAHYDRO- * MALEIC ANHYDRIDE adduct of BUTADIENE * MEMTETRAHYDRO PHTALIC ANHYDRIDE (DOT) * NA 1760 (DOT) * PHTHALIC ANHYDRIDE, 1,2,3,6-TETRAHYDRO- * TETRAHYDROFTALANHYDRID (Czech) * TETRAHYDROPHTHALIC ACID ANHYDRIDE * TETRAHYDROPHTHALIC ANHYDRIDE * delta(sup 4)-TETRAHYDROPHTHALIC ANHYDRIDE * 1,2,3,6-TETRAHYDROPHTHALIC ANHYDRIDE * THPA * UN 2698 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — 28ZPAK -,140,72
eye-rbt 20 mg/24H SEV — 28ZPAK -,140,72
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:4590 mg/kg — 28ZPAK -,140,72
ipr-mus LDLo:500 mg/kg — CBCCT* 7,780,55
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CYCLOHEXENE EPOXIDE see: RN7175000
CYCLOHEXENE-3,4-EPOXIDE see: RN8780000

GW6250000 3-CYCLOHEXENE, 1-HYDROPEROXY-
UPDT:8401 CAS: 4096-33-7 MW: 114.16 MOLFM: C6-H10-O2
SYN: 1-HYDROPEROXYCYCLOHEX-3-ENE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:6960 mg/kg/58W-I — JNCIAM 35,707,65
3V03R60V10 skn-mus TD :8880 mg/kg/74W-I — 14JTAF -,275,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW6260000 1-CYCLOHEXENE, 4-HYDROPEROXY-4-VINYL-
UPDT:8401 CAS: 3736-26-3 MW: 140.20 MOLFM: C8-H12-O2
SYN: 1-HYDROPEROXY-1-VINYLCYCLOHEX-3-ENE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:1440 mg/kg/24W-I — 14JTAF -,275,64
3V03R60V10 skn-mus TD :1440 mg/kg/24W-I — JNCIAM 31,41,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GW6300000 3-CYCLOHEXENE-1-METHANOL, alpha-HYDROXYMETHYL-
UPDT:8307 CAS: 64011-53-6 MW: 142.22 MOLFM: C8-H14-O2
SYN: 4,4-DIHYDROXYMETHYL-1-CYCLOHEXENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1070 mg/kg — TXAPA9 28,313,74
3-CYCLOHEXENE-1-METHANOL, 5-HYDROXY-alpha,alpha,4-TRIMETHYL-, trans-(+-)- (9CI) see: FI2000000
CYCLOHEX-1-ENE-1-METHANOL, 4-(1-METHYLETHENYL)- see: OS8395000

GW6326000 3-CYCLOHEXENE-1-METHYLAMINE, N,N-DIETHYL-, HYDROCHLORIDE
UPDT:8404 CAS: 2108-71-6 MW: 203.79 MOLFM: C11-H21-N Cl-H
SYN: N,N-DIETHYL-3-CYCLOHEXENE-1-METHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:35 mg/kg — APFRAD 24,785,66

GW6328000 3-CYCLOHEXENE-1-METHYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8408 CAS: 2108-70-5 MW: 175.73 MOLFM: C9-H17-N Cl-H
SYN: N,N-DIMETHYL-3-CYCLOHEXENE-1-METHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:47 mg/kg — APFRAD 24,785,66

GW6350000 1-CYCLOHEXENE-1-METHYLAMINE, alpha-PHENYL-, HYDROCHLORIDE
UPDT:8410 MW: 223.77 MOLFM: C13-H17-N Cl-H
TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:222 mg/kg — JAPMAB 39,354,50

GW6360000 CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-, (R)-
UPDT:8412 CAS: 5989-27-5 MW: 136.26 MOLFM: C10-H16
SYN: (+)-4-ISOPROPENYL-1-METHYLCYCLOHEXENE * d-LIMONENE * D-(+)-LIMONENE * (+)-R-LIMONENE * d-p-MENTHA-1,8-DIENE * p-MENTHA-1,8-DIENE * NCI-C55572
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T46T81T86 orl-rat TDLo:20083 mg/kg (9-15D preg) — OYYAA2 10,179,75
1T02 orl-rat TDLo:252 gm/kg (26W male) — OYYAA2 9,403,75
1T12 orl-rat TDLo:83 gm/kg (30D pre) — OYYAA2 9,387,75
2T46T86 orl-mus TDLo:3546 mg/kg (7-12D preg) — OYYAA2 13,863,77
1T81 orl-mus TDLo:14178 mg/kg (7-12D preg) — OYYAA2 13,863,77
1T02 orl-dog TDLo:680 gm/kg (27W male) — OYYAA2 9,775,75
1T86 orl-rbt TDLo:3250 mg/kg (6-18D preg) — OYYAA2 13,885,77
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-mus TDLo:67 gm/kg/39W-I — JNCIAM 35,771,65
2V03J60 ipr-mus TDLo:4800 mg/kg/8W-I — CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4400 mg/kg — NIIRDN 6,887,82
* ipr-rat LD50:3600 mg/kg — NIIRDN 6,887,82
* ivn-rat LD50:110 mg/kg — NIIRDN 6,887,82
* orl-mus LD50:5600 mg/kg — NIIRDN 6,887,82
3F05F07U26 ipr-mus LD50:600 mg/kg — OYYAA2 8,1439,74
3F05F07U26 idu-mus LDLo:1 gm/kg — OYYAA2 8,1439,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-, (S)- see: OS8350000
CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHYLIDENE)- see: WZ6870000
CYCLOHEXENE OXIDE see: RN7175000
CYCLOHEXENE-1-OXIDE see: RN7175000
1,2-CYCLOHEXENE OXIDE see: RN7175000
CYCLOHEXENE, 4-(TRICHLOROSILYL)- see: VV2800000

GW6650000 1-CYCLOHEXENE, 4-VINYL-
UPDT:8412 CAS: 100-40-3 MW: 108.20 MOLFM: C8-H12
SYN: BUTADIENE DIMER * CYCLOHEXENYLETHYLENE * 4-ETHENYL-1-CYCLOHEXENE * NCI-C54999 * 1,2,3,4-TETRAHYDROSTYRENE * 1-VINYLCYCLOHEXENE-3 * 1-VINYLCYCLOHEX-3-ENE * 4-VINYLCYCLOHEXENE * 4-VINYLCYCLOHEXENE-1 * 4-VINYL-1-CYCLOHEXENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:16 gm/kg/54W-I — JNCIAM 31,41,63
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2563 mg/kg — AIHAAP 30,470,69
ihl-rat LCLo:8000 ppm/4H — AIHAAP 30,470,69
ihl-mus LC50:27000 mg/m3 — IARC** 11,279,76
* skn-rbt LD50:16640 mg/kg — AIHAAP 30,470,69
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 11,277,76
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-CYCLOHEXEN-1-OL, 5-METHYLENE-6-(1-METHYLETHENYL)-, (1S-cis)- see: OS9750000
2-CYCLOHEXEN-1-OL, 2-METHYL-5-(1-METHYLETHENYL)-, ACETATE see: OS8500000
2-CYCLOHEXEN-1-OL, 2-METHYL-5-(1-METHYLETHENYL)-, PROPIONATE see: OS8525000
3-CYCLOHEXEN-1-OL, 4-METHYL-1-(1-METHYLETHYL)- (9CI) see: OT0175110

GW7191000 2-CYCLOHEXEN-1-ONE, 2-(1-(ETHOXYIMINO)BUTYL)-5-(2-(ETHYLTHIO)PROPYL)-3-HYDROXY-
UPDT:8309 CAS: 74051-80-2 MW: 327.53 MOLFM: C17-H29-N-O3-S
SYN: BAS 9052 * CYETHOXYDIM * 2-(1-(ETHOXYIMINO)BUTYL)-5-(2-(ETHYLTHIO)PROPYL)-3-HYDROXY-2-CYCLOHEXEN-1-ONE * NABU * NP 55 * POAST * SETHOXYDIM
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2676 mg/kg — FMCHA2 -,C191,83

GW7200000 2-CYCLOHEXEN-1-ONE, 3-HEXYL-5-(3,4-(METHYLENEDIOXY)PHENYL)-
UPDT:8408 CAS: 119-89-1 MW: 300.43 MOLFM: C19-H24-O3
SYN: ENT 2,818 * 3-HEXYL-5-(3,4-METHYLENEDIOXYPHENYL)-2-CYCLOHEXEN-1-ONE * PIPERONYL CYCLONENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5200 mg/kg — ARSIM* 20,17,66
2-CYCLOHEXEN-1-ONE, 3-HYDROXY-5,5-DIMETHYL-, DIMETHYLCARBAMATE see: FA1500000

GW7360000 2-CYCLOHEXEN-1-ONE, 2-(HYDROXYMETHYL)-4R,5R,6R-TRIHYDROXY-, 2-ESTER with (E)-CROTONIC ACID
UPDT:8404 MW: 242.25 MOLFM: C11-H14-O6
SYN: 2-CROTONYLOXYMETHYL-4R,5R,6R-4,5,6-TRIHYDROXYCYCLOHEX-2-ENONE * GLYOXALASE-I INHIBITOR
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:90 mg/kg — 85GDA2 6,65,81
2-CYCLOHEXEN-1-ONE, 2-METHYL-5-(1-METHYLETHENYL)-, (R)- (9CI) see: OS8650000
2-CYCLOHEXEN-1-ONE, 2-METHYL-5-(1-METHYLETHENYL)-, (S)- see: OS8670000
2-CYCLOHEXEN-1-ONE, 3-METHYL-6-(1-METHYLETHYL)- see: OT0257000

GW7700000 2-CYCLOHEXEN-1-ONE, 3,5,5-TRIMETHYL-
UPDT:8412 CAS: 78-59-1 MW: 138.23 MOLFM: C9-H14-O
SYN: ISOACETOPHORONE * ISOFORON * ISOFORONE (Italian) * ISOPHORON * ISOPHORONE * IZOFORON (Polish) * NCI-C55618 * 1,1,3-TRIMETHYL-3-CYCLOHEXENE-5-ONE * 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE * 3,5,5-TRIMETHYL-2-CYCLOHEXEN-1-ON (German, Dutch) * 3,5,5-TRIMETIL-2-CICLOESEN-1-ONE (Italian)
IRRITATION DATA AND REFERENCES:
eye-hmn 25 ppm/15M — JIHTAB 28,262,46
skn-rbt 100 mg/24H MLD — JETOAS 5,31,72
eye-rbt 920 ug SEV — UCDS** 11/15/71
eye-gpg 840 ppm/4H SEV — JIHTAB 22,477,40
TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-hmn TCLo:25 ppm — JIHTAB 28,262,46
orl-rat LD50:2330 mg/kg — TXAPA9 17,498,70
ihl-rat LCLo:1840 ppm/4H — JIHTAB 22,477,40
skn-rbt LD50:1500 mg/kg — UCDS** 11/15/71
REVIEW AND REFERENCES:
★ TLV-CL 5 ppm — DTLVS* 4,236,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 25 ppm (SCP-V) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KETONES recm std-air:TWA 23 mg/m3 — NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 2508
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
5-delta(sup 2,3)-CYCLOHEXENYL-5-ALLYL-2-THIOBARBITURIC ACID see: CP8400000
4-alpha-CYCLOHEX-1-ENYLBENZYL-1,1-DIETHYLPIPERAZINIUM IODIDE see: TM3087600
4-alpha-CYCLOHEX-1-ENYLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3087800
4-alpha-CYCLOHEX-2-ENYLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3088000
4-alpha-CYCLOHEX-2-ENYLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM p-TOLUENESULFONATE see: TM3088200
4-alpha-CYCLOHEX-1-ENYLBENZYL-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE see: TM3088400
4-alpha-CYCLOHEX-2-ENYLBENZYL-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE see: TM3088600
2-(4-CYCLOHEXENYL)BICYCLO(2.2.1)HEPT-5-ENE see: DT5250000
3-CYCLOHEXENYL CYANIDE see: GW2625000
3-(CYCLOHEX-1-ENYL)-CYCLOBUTANECARBOXYLIC ACID see: GU1342500
1-CYCLOHEXEN-1-YL DIETHYL PHOSPHATE see: TB9350000
5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYLBARBITURIC ACID see: CQ2625000
5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYLBARBITURIC ACID SODIUM SALT see: CQ2800000
5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE see: CQ2625000
5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE MONOSODIUM SALT see: CQ2800000
3-(3-CYCLOHEXENYL)-2,4-DIOXASPIRO(5.5)UNDEC-8-ENE see: JH4732000
CYCLOHEXENYL-ETHYL BARBITURIC ACID see: CQ2975000
5-(1-CYCLOHEXENYL)-5-ETHYLBARBITURIC ACID see: CQ2975000
5-(1-CYCLOHEXEN-1-YL)-5-ETHYLBARBITURIC ACID see: CQ2975000
CYCLOHEXENYLETHYLENE see: GW6650000
5-(1-CYCLOHEXEN-1-YL)-5-ETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE see: CQ2975000
4-(alpha-CYCLOHEX-1-ENYL-m-METHOXYBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3088800
2-CYCLOHEXENYLMETHYL 3-CYCLOHEXENECARBOXYLATE see: GW3850000
1-(1-CYCLOHEXENYLMETHYL)-6,7-DIETHOXYTETRAHYDROISOQUINOLINE HYDROCHLORIDE see: NX4998100
5-(1-CYCLOHEXENYL-1)-1-METHYL-5-METHYLBARBITURIC ACID see: CQ2625000
5-(delta-1,2-CYCLOHEXENYL)-5-METHYL-N-METHYL-BARBITURSAEURE (German) see: CQ2625000
1-(3-CYCLOHEXEN-1-YLMETHYL)PYRROLIDINE HYDROCHLORIDE see: UY0731000
p-(2-CYCLOHEXEN-1-YLOXY)BENZOIC ACID 3-(2-METHYL-1-PYRROLIDINYL)PROPYL ESTER see: DG5644800
CYCLOHEXENYL-4-PHENOL see: SK6300000
alpha-1-CYCLOHEXEN-1-YL-alpha-PHENYL-4-MORPHOLINEBUTYRAMIDE OXALATE see: QD8970000
alpha-1-CYCLOHEXEN-1-YL-alpha-PHENYL-1-PIPERIDINEBUTYRAMIDE see: TM5073000
alpha-2-CYCLOHEXEN-1-YL-2-THIOPHENEACETIC ACID 2-DIISOPROPYLAMINOETHYL ESTER HYDROCHLORIDE see: XM7590000
16-(CYCLOHEX-1-ENYLTHIO)-17,18,19,20-TETRANOR-PGF2-alpha METHYL ESTER see: MJ9652800
16-(CYCLOHEX-1-ENYLTHIO)-17,18,19,20-TETRANORPROSTAGLANDIN F2-alpha METHYL ESTER see: MJ9652800
CYCLOHEXENYL TRICHLOROSILANE see: VV2800000
CYCLOHEXENYL TRICHLOROSILANE (DOT) see: VV2800000
CYCLOHEXIMIDE see: MA4375000
CYCLOHEXIMIDE, ACETOXY- see: MA5075000
CYCLOHEXYL ACETATE see: AG5075000
CYCLOHEXYL ACETATE (DOT) see: AG5075000
CYCLOHEXYLACETIC ACID ALLYL ESTER see: GU6495000
CYCLOHEXYL ACRYLATE see: AS7350000
(6-(3-CYCLOHEXYL-D-ALANINE))-LHRH see: OK6452000
(6-(3-CYCLOHEXYL-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6452000
CYCLOHEXYL ALCOHOL see: GV7875000

BEST COPY AVAILABLE

GX0700000 CYCLOHEXYLAMINE
UPDT:8407 CAS: 108-91-8 MW: 99.20 MOLFM: C6-H13-N
SYN: AMINOCYCLOHEXANE * AMINOHEXAHYDROBENZENE * ANILINE, HEXAHYDRO- * CHA * CYCLOHEXANAMINE * CYCLOHEXYLAMINE (DOT) * HEXAHYDROANILINE * HEXAHYDROBENZENAMINE * UN 2357 (DOT)

IRRITATION DATA AND REFERENCES:
skn-hmn 125 mg/48H SEV — AMIHBC 5,311,52

MUTATION DATA AND REFERENCES:
dni-hmn:hla 100 ug/L — INHEAO 9,188,71
dni-hmn:lng 10 mg/L — JCLBA3 47,30a,70
cyt-hmn:leu 10 umol/L/5H — MUREAV 39,1,76
cyt-rat-unk 50 mg/kg — MUREAV 26,199,74
spm-rat-ipr 5 mg/kg/5D — SCIEAS 165,1139,69
slt-mus-ipr 200 mg/kg — PCBRD2 109,339,82
cyt-mus/leu 450 mg/kg/3D — MUREAV 31,5,75
dlt-mus-ipr 500 mg/kg/5D-I — MUREAV 14,126,72
cyt-ham-orl 600 mg/kg/3D-C — FCTXAV 13,415,75
cyt-ham:fbr 10 mg/L — MUREAV 39,1,76
cyt-dom-unk 50 mg/kg — MUREAV 26,407,74
cyt-mam:kdy 50 mg/L/8H-C — FCTXAV 8,617,70

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 orl-rat TDLo:5600 mg/kg (4W male) — FCTXAV 19,291,81
1T29 ip-rat TDLo:300 mg/kg (1D male) — FCTXAV 10,29,72
1T24 ipr-rat TDLo:100 mg/kg (1D male) — FCTXAV 10,29,72
2T25T35 orl-mus TDLo:600 mg/kg (6-11D preg) — SEIJBO 11,51,71
1T34 orl-mus TDLo:120 mg/kg (6-11D preg) — SEIJBO 11,51,71
1T34 ipr-mus TDLo:61 mg/kg (11D preg) — TJADAB 4,141,71
1T25 ipr-mus TDLo:77 mg/kg (11D preg) — TJADAB 4,141,71
1T29 ipr-mus TDLo:200 mg/kg (10D preg) — PCBRD2 109,339,82
1T01 orl-dog TDLo:14 gm/kg (8W male) — FCTXAV 19,291,81
1T02 orl-dog TDLo:15750 mg/kg (9W male) — FCTXAV 19,291,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:156 mg/kg — SKEZAP 14,542,73
3H08A30L30 ipr-rat LD50:200 mg/kg — AMIHBC 5,311,52
ipr-mus LD50:300 mg/kg — TXAPA9 22,465,72
scu-mus LD50:1150 mg/kg — VOONAW 4,659,58
2E01F17 unk-mus LD50:770 mg/kg — TXAPA9 14,654,69
° skn-rbt LD50:277 mg/kg — AIHAAP 30,470,69
par-rbt LDLo:500 mg/kg — IECHAL 29,1247,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 39,1,76
★ CARINOGENIC DREVIEWNEGATIVE — IARC** 22,55,80
★ TLV-TWA 10 ppm (skin) — DTLVS* 4,113,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOHEXYLAMINE, N-ACETYL-4-CYCLOHEXYLMETHYL- see: AB5965600

GX1050000 CYCLOHEXYLAMINE, N-BUTYL-
UPDT:8303 CAS: 10108-56-2 MW: 155.32 MOLFM: C10-H21-N
SYN: N-BUTYLCYCLOHEXYLAMINE

IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open — AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:
° orl-rat LD50:330 mg/kg — AIHAAP 23,95,62
1R10 skn-rbt LD50:530 mg/kg — AIHAAP 23,95,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GX1198000 CYCLOHEXYLAMINE, N,N-DIMETHYL-
UPDT:8401 CAS: 98-94-2 MW: 127.26 MOLFM: C8-H17-N
SYN: CYCLOHEXANAMINE, N,N-DIMETHYL- (9CI) * CYCLOHEXYLDIMETHYLAMINE * N-CYCLOHEXYLDIMETHYLAMINE * (DIMETHYLAMINO)CYCLOHEXANE * N,N-DIMETHYLAMINOCYCLOHEXANE * N,N-DIMETHYLCYCLOHEXANAMINE * N,N-DIMETHYLCYCLOHEXYLAMINE * N,N-DIMETHYLCYCLOHEXYLAMINE (DOT) * POLYCAT 8 * UN 2264 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE, FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GX1200000 CYCLOHEXYLAMINE, 2,4-DIMETHYL-N-(2-CXAZOLIN-2-YL)-
UPDT:8401 MW: 456.33 MOLFM: C11-N20-N2-O
SYN: 2-(2,4-DIMETHYLCYCLOHEXYLAMINO)-2-OXAZOLINE

TOXICITY DATA AND REFERENCES:
° ivn-mus LD50:18 mg/kg — CSLNX* NX#09028

GX1210000 CYCLOHEXYLAMINE, 4,4-DIPHENYL-N-ISOPROPYL-, HYDROCHLORIDE
UPDT:8403 CAS: 14334-41-9 MW: 329.95 MOLFM: C21-H27-N Cl-H
SYN: 4,4-DIPHENYL-N-ISOPROPYLCYCLOHEXYLAMINE HYDROCHLORIDE * EMD 9806 * HSP 2986 * MONOVERIN * PRAMIVERIN HYDROCHLORIDE * PRAMIVERINE HYDROCHLORIDE * SISTALGIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 orl-mus TDLo:500 mg/kg (6-13D preg) — ARZNAD 26,703,76
1T27 orl-rbt TDLo:650 mg/kg (6-18D preg) — ARZNAD 26,703,76

TOXICITY DATA AND REFERENCES:
orl-rat LD50:623 mg/kg — ARZNAD 26,703,76
ivn-rat LD50:26 mg/kg — ARZNAD 26,703,76
orl-mus LD50:346 mg/kg — ARZNAD 26,703,76
ivn-mus LD50:25 mg/kg — ARZNAD 26,703,76
orl-dog LD50:140 mg/kg — ARZNAD 26,703,76
ivn-dog LD50:20 mg/kg — ARZNAD 26,703,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOHEXYLAMINE (DOT) see: GX0700000

GX1440000 CYCLOHEXYLAMINE, HYDROCHLORIDE
UPDT:8405 CAS: 4998-76-9 MW: 135.66 MOLFM: C6-H13-N Cl-H
SYN: AMINOCYCLOHEXANE HYDROCHLORIDE * AMINOHEXAHYDROBENZENE HYDROCHLORIDE * CYCLOHEXANAMINE HYDROCHLORIDE * HEXAHYDROANILINE HYDROCHLORIDE

MUTATION DATA AND REFERENCES:
spm-rat-orl 32400 mg/kg/90D — TXCYAC 8,143,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 orl-rat TDLo:32400 mg/kg (90D male) — TXCYAC 8,143,77
1T12 orl-rat TDLo:73 gm/kg (2Y pre) — FCTXAV 14,255,76
2T31T34 orl-rat TDLo:1 gm/kg (6-15D preg) — TOLED5 17,137,83
1T25 orl-mus TDLo:1 gm/kg (6-15D preg) — TOLED5 17,137,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GX1575000 CYCLOHEXYLAMINE, N-METHYL-N-NITROSO-
UPDT:8401 CAS: 5432-28-0 MW: 142.23 MOLFM: C7-H14-N2-O
SYN: CYCLOHEXYLAMINE, N-NITROSO-N-METHYL- * METHYLCYCLOHEXYLNITROSAMIN (German) * METHYLCYCLOHEXYLNITROSAMINE * N-METHYL-N-NITROSOCYCLOHEXYLAMINE * N-NITROSOMETHYLCYCLOHEXYLAMINE * N-NITROSO-N-METHYLCYCLOHEXYLAMINE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — MUREAV 51,319,78

TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:150 mg/kg/54W-C — ARZNAD 19,1077,69
3V03J60K60 orl-rat TD :190 mg/kg/45W-C — JJINDB 64,1535,80
3V03K60P62 orl-rat TD :750 mg/kg/45W-C — JJINDB 64,1535,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:30 mg/kg — ZEKBAI 69,103,67
ipr-rat LD50:28 mg/kg — TXAPA9 17,426,70
ivn-rat LD50:30 mg/kg — ZEKBAI 69,103,67
orl-mus LD50:57 mg/kg — TXAPA9 17,426,70
orl-ham LD50:168 mg/kg — TXAPA9 17,426,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOHEXYLAMINE, N-NITROSO-N-METHYL- see: GX1575000

GX1800000 CYCLOHEXYLAMINE, SULFATE
UPDT:8405 CAS: 19834-02-7 MW: 197.28 MOLFM: C6-H13-N-H2-O4-S
SYN: CHA-SULFATE * CHS * CYCLOHEXAMINE SULFATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rat TDLo:501 mg/kg (7-13D preg) — SKEZAP 14,542,73
1T24 orl-rat TDLo:1100 mg/kg (5D male) — EXPEAM 26,761,70
1T23 orl-rat TDLo:979 mg/kg (22D male) — TXAPA9 18,263,71
3T34T72T73 orl-mus TDLo:42 gm/kg (MGN) — TXCYAC 8,285,77
3T75T76T81 orl-mus TDLo:42 gm/kg (MGN) — TXCYAC 8,285,77

TUMORIGENIC DATA AND REFERENCES:
2V03M60 orl-rat TDLo:11 gm/kg/2Y-C — SCIEAS 167,1131,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GX1806000 CYCLOHEXYLAMINE, TRIMETHYL-
UPDT:8312 CAS: 34216-34-7 MW: 141.29 MOLFM: C9-H19-N
SYN: TRIMETHYLCYCLOHEXYLAMINE * TRIMETHYLCYCLOHEXYLAMINE (DOT) * UN 2326 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.102,83

9-(CYCLOHEXYLAMINO)ACRIDINE see: AR8300000
5-CYCLOHEXYLAMINOACRIDINE (European) see: AR8300000
1-(CYCLOHEXYLAMINO)CYCLOHEXANECARBONITRILE see: GU7460000
2-(CYCLOHEXYLAMINO)-3',4'-DIHYDROXYACETOPHENONE HYDROCHLORIDE see: AM6914400
1-(CYCLOHEXYLAMINO)-3-((1,2-DIPHENYL-1H-INDOL-4-YL)OXY)-2-PROPANOL HYDROCHLORIDE see: UA9801700
2-(CYCLOHEXYLAMINO)ETHANOL see: KK3530000
2-(CYCLOHEXYLAMINO)ETHANOL AEROSOL see: KK3534000
3-(2-(CYCLOHEXYLAMINO)ETHYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6255000
3-(6-CYCLOHEXYLAMINOHEXYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6257000
1-(2-(CYCLOHEXYLAMINO)-1-(HYDROXYMETHYL)ETHYL)GUANIDINE see: MF0234000
1-(CYCLOHEXYLAMINO)-3-((2-(4-METHOXYPHENYL)-1-PHENYL-1H-INDOL-4-YL)OXY)-2-PROPANOL HCl see: UA9801900
4-(CYCLOHEXYLAMINO)-1-(NAPHTHALENYLOXY)-2-BUTANOL see: EL1510000
1-(CYCLOHEXYLAMINO)-2-PROPANOL BENZOATE (ESTER) HYDROCHLORIDE see: UA9800000
3-(3-CYCLOHEXYLAMINOPROPYL)-5-ETHYL-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HCl see: XJ6257200
3-(3-CYCLOHEXYLAMINOPROPYL)-2-(p-METHOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6257400
3-(3-CYCLOHEXYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6257600
2-(CYCLOHEXYLAMINO)-2',4',6'-TRIMETHYLACETANILIDE see: AE1856000
1-(CYCLOHEXYLAMINO)-3-(((1,2,3-TRIMETHYL-1H-INDOL-4-YL)OXY)-2-PROPANOL HYDROCHLORIDE see: UA9808000
(1-CYCLOHEXYL-3-AZETIDINYL)GUANIDINE SULFATE (1:1) see: MF0236000
1-((1-CYCLOHEXYL-3-AZETIDINYL)METHYL)GUANIDINE see: MF0235000
N-CYCLOHEXYL-1-AZIRIDINECARBOXAMIDE see: CM6755000
alpha-CYCLOHEXYLBENZENEACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: GU6825000
N-CYCLOHEXYL-2-BENZOTHIAZOLESULFENAMIDE see: DL6250000
4-alpha-CYCLOHEXYLBENZYL-1,1-DIETHYLPIPERAZINIUM IODIDE see: TM3089000
4-alpha-CYCLOHEXYLBENZYL-1,1-DIMETHYLPIPERAZINIUM IODIDE see: TM3089200
4-alpha-CYCLOHEXYLBENZYL-1-ETHYL-1-ISOPROPYLPIPERAZINIUM IODIDE see: TM3089400
4-alpha-CYCLOHEXYLBENZYL-1-ETNYL-1-METHYLPIPERAZINIUM IODIDE see: TM3089600
1-alpha-CYCLOHEXYLBENZYL-4-ETHYLPIPERAZINE HYDROCHLORIDE see: TL3486200
4-alpha-CYCLOHEXYLBENZYL-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE see: TM3089800
1-alpha-CYCLOHEXYLBENZYL-4-METHYLPIPERAZINE DIHYDROCHLORIDE see: TL3486300
4-alpha-CYCLOHEXYLBENZYL-1-METHYL-1-PROPYLPIPERAZINIUM IODIDE see: TM3090000
2-(alpha-CYCLOHEXYLBENZYL)-N,N,N',N'-TETRAETHYL-1,3-PROPANEDIAMINE HYDROCHLORIDE see: TX7150000
1-CYCLOHEXYLBIGUANIDE MONOHYDROCHLORIDE see: DU1783100
3-CYCLOHEXYL-2-BUTENOIC ACID see: GU6940000
CYCLOHEXYLCARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE see: EZ3493000
CYCLOHEXYL-N-CARBAMOYLAZIRIDINE see: CM6755000
N-CYCLOHEXYL-N-CARBAMOYLAZIRIDINE see: CM6755000
1-(CYCLOHEXYLCARBONYL)-2,6-DIMETHYLPIPERIDINE see: TM6537000
1-CYCLOHEXYLCARBONYL-2-ETHYLPIPERIDINE see: TM6537200
2-CYCLOHEXYLCARBONYL-1,2,3,6,7,11b-HEXAHYDRO-4H-PYRAZINO(2,1-a)ISOQUINOLIN-4-ONE see: UQ4150000
1-(CYCLOHEXYLCARBONYL)-2-METHYLPIPERIDINE see: TM6537500
1-(CYCLOHEXYLCARBONYL)-3-METHYLPIPERIDINE see: TM6537600
1-(CYCLOHEXYLCARBONYL)-4-METHYLPIPERIDINE see: TM6537700
((CYCLOHEXYLCARBONYL)OXY)TRIBUTYLSTANNANE see: WH6873000
alpha-CYCLOHEXYL-p-CHLOROBENZYL ALCOHOL see: GV5120000
4-(4-CYCLOHEXYL-3-CHLOROPHENYL)-4-OXOBUTYRIC ACID see: UE8850000
4-(4-CYCLOHEXYL-3-CHLOROPHENYL)-4-OXOBUTYRIC ACID CALCIUM SALT see: UE8860000
3-CYCLOHEXYL-CYCLOBUTANECARBOXYLIC ACID see: GU1345000
N-CYCLOHEXYLCYCLOHEXANAMINE see: HY4025000
N-CYCLOHEXYL-N'-(4-(3-(CYCLOHEXYLAMINO)-2-HYDROXYPROPOXY)PHENYL)UREA see: YS7564500
3-CYCLOHEXYL-4-CYCLOHEXYLAMINOTHIAZOLIUM CHLORIDE see: XJ7025000
N-CYCLOHEXYL-N'-(4-(3-(CYCLOPENTYLAMINO)-2-HYDROXYPROPOXY)PHENYL)UREA see: YS7570000
N-CYCLOHEXYL-9,10-DIDEHYDRO-6-METHYL-ERGOLINE-8-beta-CARBOXAMIDE MALEATE see: KE2840000
N-CYCLOHEXYL-N'-(4-(3-(3,4-DIMETHOXYPHENETHYLAMINO)-2-HYDROXYPROPOXY)PHENYL)UREA see: YS7585000
CYCLOHEXYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE see: GQ4430000
CYCLOHEXYLDIMETHYLAMINE see: GX1198000
N-CYCLOHEXYLDIMETHYLAMINE see: GX1198000
3-CYCLOHEXYL-6-(DIMETHYLAMINO)-1-METHYL-s-TRIAZINE-2,4(1H,3H)-DIONE see: XY7850000
3-CYCLOHEXYL-6-(DIMETHYLAMINO)-1-METHYL-1,3,5-TRIAZINE-2,4(1H,3H)-DIONE see: XY7850000

BEST COPY AVAILABLE

N'-CYCLOHEXYL-N-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-N-METHYLUREA see: YS7596000
N-CYCLOHEXYL-N'-(2-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)UREA see: YS7590000
N-CYCLOHEXYL-N'-(3-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)UREA see: YS7592000
N-CYCLOHEXYL-N'-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)UREA see: YS7594000
(+-)-N-CYCLOHEXYL-N'-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)UREA see: YS7594200
2-CYCLOHEXYL-4,6-DINITROFENOL (Dutch) see: SK6650000
2-CYCLOHEXYL-4,6-DINITROPHENOL see: SK6650000
6-CYCLOHEXYL-2,4-DINITROPHENOL see: SK6650000
4-CYCLOHEXYL-1,2-DIPHENYL-3,5-DIOXOPYRAZOLIDINE see: UQ8437000
(-)-1-CYCLOHEXYL-4-(1,2-DIPHENYLETHYL)PIPERAZINE DIHYDROCHLORIDE see: TL3486600
(+)-1-CYCLOHEXYL-4-(1,2-DIPHENYLETHYL)PIPERAZINE DIHYDROCHLORIDE see: TL3486610
(+-)-1-CYCLOHEXYL-4-(1,2-DIPHENYLETHYL)PIPERAZINE DIHYDROCHLORIDE see: TL3486500
1-CYCLOHEXYL-3-(DIPHENYLMETHOXY)AZETIDINE see: CM4311230
4-CYCLOHEXYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8437000
1,1'-((1,4-CYCLOHEXYLENE)BIS(METHYLENEOXY))BIS(3-CHLOROPROPANOL) see: UA9812050
N,N'-(1,4-CYCLOHEXYLENEDIMETHYLENE)BIS(2-BROMOACETAMIDE) see: AB5965410
trans-N,N'-(1,4-CYCLOHEXYLENEDIMETHYLENE)BIS(2-CHLOROBENZYLAMINE) DIHYDROCHLORIDE see: CU7025000
CYCLOHEXYLENE OXIDE see: RN7175000
2-CYCLOHEXYLETHANOL see: KK3528000
CYCLOHEXYLETHYL ACETATE see: AG5095000
CYCLOHEXYLETHYL ALCOHOL see: KK3528000
1-(m-CYCLOHEXYL-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)PYRIDINIUM BROMIDE see: UU3874020PYRIDINIUM, 1-(m-CYCLOHEXYL-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)-, BROMIDE
1-(p-CYCLOHEXYL-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)PYRIDINIUM BROMIDE see: UU3874050PYRIDINIUM, 1-(p-CYCLOHEXYL-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)-, BROMIDE
1-CYCLOHEXYL-2-(o-FLUOROPHENYL)-1-(p-METHOXYPHENYL)ETHYLENE see: KV0890000
1-CYCLOHEXYL-2-(o-FLUOROPHENYL)-1-PHENYLETHYLENE see: KV0900000
1-CYCLOHEXYL-3-GUANIDINOAZETIDINE SULFATE see: MF0236000
1-(p-CYCLOHEXYL-beta-(HEXYLOXY)PHENETHYL)PYRIDINIUM BROMIDE see: UU3874070 PYRIDINIUM, 1-(pCYCLOHEXYL-beta-(HEXYLOXY)PHENETHYL)-, BROMIDE
CYCLOHEXYL HYDROGEN PHTHALATE see: TI2490000
1-CYCLOHEXYL-5-(3-HYDROXYBUTYL)BARBITURIC ACID see: CQ3027070
1-CYCLOHEXYL-5-(3-HYDROXYBUTYL)PERHYDROPYRIMIDINE-2,4,6-TRIONE see: CQ3027070 BARBITURICACID, 1-CYCLOHEXYL-5-(3-HYDROXYBUTYL)-
1-CYCLOHEXYL-5-(4-HYDROXYBUTYL)BARBITURIC ACID see: CQ3027080 BARBITURIC ACID, 1-CYCLOHEXYL5-(4-HYDROXYBUTYL)-
1-CYCLOHEXYL-5-(4-HYDROXYBUTYL)PERHYDROPYRIMIDINE-2,4,6-TRIONE see: CQ3027080 BARBITURICACID, 1-CYCLOHEXYL-5-(4-HYDROXYBUTYL)-
1-CYCLOHEXYL-5-(3-HYDROXYBUTYL)-2,4,6-TRIOXOPERHYDROPYRIMIDINE see: CQ3027070
5-CYCLOHEXYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID see: CQ3027090 BARBITURIC ACID, 5-CYCLOHEXYL-1-(4-HYDROXYCYCLOHEXYL)-
N-CYCLOHEXYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)BENZAMIDE see: CV2545000
N-CYCLOHEXYL-N'-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)UREA see: YS7608200
N-CYCLOHEXYL-N'-(4-(2-HYDROXY-3-((1-METHYLPROPYL)AMINO)PROPOXY)PHENYL)UREA see: YS7608300
6-CYCLOHEXYL-1-HYDROXY-4-METHYL-2(1H)-PYRIDINONE compd. with 2-AMINOETHANOL (1:1) see: UU7785500
6-CYCLOHEXYL-1-HYDROXY-4-METHYL-2(1H)-PYRIDON, 2-AMINOETHANOL-SALZ (German) see: UU7785500
6-CYCLOHEXYL-1-HYDROXY-4-METHYL-2(1H)-PYRIDONE, 2-AMINOETHANOL SALT see: UU7785500
6-CYCLOHEXYL-1-HYDROXY-4-METHYL-2(1H)-PYRIDONE ETHANOLAMINE SALT see: UU7785500
1-(3-CYCLOHEXYL-3-HYDROXY-3-PHENYLPROPYL)-1-METHYLPIERIDINIUM IODIDE see: TN4724500
(+-)-N-((3-CYCLOHEXYL-3-HYDROXY-3-PHENYL)PROPYL)-N-METHYLPYRROLIDINIUM CHLORIDE see: UY4280000
1-(3-CYCLOHEXYL-3-HYDROXY-3-PHENYLPROPYL)-1-METHYL-PYRROLIDINIUM CHLORIDE see: UY4280000
1-(3-CYCLOHEXYL-3-HYDROXY-3-PHENYLPROPYL)-1-METHYL-PYRROLIDINIUM IODIDE see: UY4281000
1-(3-CYCLOHEXYL-3-HYDROXY-3-PHENYLPROPYL)-1-METHYL-PYRROLIDINIUM METHYL SULFATE see: UY4281500
(4-CYCLOHEXYL-3-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE see: BP5782000
2,2'-(CYCLOHEXYLIDENEBIS(4,1-PHENYLENEOXY))BIS(2-METHYLBUTANOIC ACID) see: ES8900000
2,2'-(4,4'-CYCLOHEXYLIDENEDIPHENOXY)-2,2'-DIMETHYLDIBUTYRIC ACID see: ES8900000
alpha-CYCLOHEXYLIDENE-alpha-(p-HYDROXYPHENYL)-p-CRESOL see: GO7530000
4-(CYCLOHEXYLIDENE(4-HYDROXYPHENYL)METHYL)PHENOL see: GO7530000
4,4'-(CYCLOHEXYLIDENEMETHYLENE)DIPHENOL BIS(DIHYDROGEN PHOSPHATE) TETRASODIUM SALT see: SK7010000
N-(5-CYCLOHEXYLIDENE-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see: US4589000
2,2'-CYCLOHEXYLIMINODIETHANOL see: KK3538000
2,2'-CYCLOHEXYLIMINODIETHANOL AEROSOL see: KK3542000
(+-)-5-CYCLOHEXYLINDAN-1-CARBOXYLIC ACID see: NK4555000
CYCLOHEXYL ISOCYANATE see: NQ8650000
CYCLOHEXYL ISOCYANATE (DOT) see: NQ8650000
N-CYCLOHEXYL-alpha-ISOPROPYLBENZYLAMINE HYDROCHLORIDE see: DP4360000
CYCLOHEXYLISOPROPYLMETHYLAMINE HYDROCHLORIDE see: GV2100000
beta-CYCLOHEXYL-beta-METHACRYLIC ACID see: GU6940000
CYCLOHEXYLMETHANE see: GV6125000
1-(alpha-CYCLOHEXYL-p-METHOXYBENZYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE see: TL3486700
1-(4-(2-(CYCLOHEXYLMETHOXY)ETHYL)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE see: UA9812150 2-PROPANOL, 1-(4-(2-(CYCLOHEXYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
4-(CYCLOHEXYLMETHYLAMINO)-2,2-DIPHENYLBUTYRAMIDE see: ES4307700
1,1-CYCLOHEXYL-2-METHYLAMINOPROPANE-5,5-PHENYLETHYLBARBITURATE see: CQ6832000
(R*,S*)-alpha-CYCLOHEXYL-1-METHYL-2-AZIRIDINEMETHANOL see: CM7955000
N-(4-(CYCLOHEXYLMETHYL)CYCLOHEXYL)ACETAMIDE see: AB5965600
1-(CYCLOHEXYLMETHYL)-6,7-DIETHOXYTETRAHYDROISOQUINOLINE HYDROCHLORIDE see: NX4998200
CYCLOHEXYLMETHYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE see: GQ4460000
N-(2-CYCLOHEXYL-1-METHYLETHYL)-3,3-DIPHENYLPROPYLAMINE HYDROCHLORIDE see: UI0672500
1-(CYCLOHEXYLMETHYL)HEXAHYDRO-1H-AZEPINE HYDROCHLORIDE see: CM3185500
1-CYCLOHEXYL-3-((p-(2-(5-METHYL-3-ISOXAZOLECARBOXAMIDO)ETHYL)PHENYL)SULFONYL)UREA see: YS7609600
1-CYCLOHEXYL-1-METHYL-2-METHYLAMINOETHANE HYDROCHLORIDE see: GV2100000
1-CYCLOHEXYL-3-METHYL-3-NITROSOUREA see: YS7620000
1-(CYCLOHEXYLMETHYL)PIPERIDINE HYDROCHLORIDE see: TM6607000
1-(CYCLOHEXYLMETHYL)PIPERIDINE (+-)-2-OXO-10-BORNANESULFONATE see: TM6613000
1-(CYCLOHEXYLMETHYL)PIPERIDINE 1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURINE-7-ACETATE see: TM6622000
2-CYCLOHEXYL-N-METHYLPROPYLAMINE HYDROCHLORIDE see: GV2100000
1-(CYCLOHEXYLMETHYL)PYRROLIDINE HYDROCHLORIDE see: UY0732J00
3-CYCLOHEXYL-2-METHYL-4(3H)-QUINAZOLINONE see: VA3100000
1-CYCLOHEXYL-1-NITROSOUREA see: YS7660000
N-CYCLOHEXYL NORADRENALONE HYDROCHLORIDE see: AM6914400
1-(p-CYCLOHEXYL-beta-(OCTYLOXY)PHENETHYL)PYRIDINIUM BROMIDE see: UU3874090 PYRIDINIUM, 1-(pCYCLOHEXYL-beta-(OCTYLOXY)PHENETHYL)-, BROMIDE
1-CYCLOHEXYL-5-(3-OXOBUTYL)BARBITURIC ACID see: CQ3027600 BARBITURIC ACID, 1-CYCLOHEXYL-5-(3-OXOBUTYL)-
1-CYCLOHEXYL-5-(3-OXOBUTYL)PERHYDROPYRIMIDINE-2,4,6-TRIONE see: CQ3027600 BARBITURIC ACID,1-CYCLOHEXYL-5-(3-OXOBUTYL)-
1-CYCLOHEXYLOXY-3-AMINO-2-PROPANOL see: UA5792000 2-PROPANOL, 1-AMINO-3-(CYCLOHEXYLOXY)-
p-(CYCLOHEXYLOXY)BENZOIC ACID 3-(2-METHYLPIPERIDINO)PROPYL ESTER METHYL SULFATE see: DG5775010
1-(alpha-CYCLOHEXYLOXYETHYL)INDOLE see: NL6105000
1-CYCLOHEXYLOXY-3-GUANIDINE 2-PROPANOL SULFATE (2:1) see: MF0242500 GUANIDINE, 1-(3-(CYCLOHEXYLOXY)-2-HYDROXYPROPYL)-, SULFATE (2:1)
1-(3-(CYCLOHEXYLOXY)-2-HYDROXYPROPYL)GUANIDINE HEMISULFATE see: MF0242500 GUANIDINE, 1-(3-(CYCLOHEXYLOXY)-2-HYDROXYPROPYL)-, SULFATE (2:1)
3-(CYCLOHEXYLOXY)-5-PHENYL-as-TRIAZINE see: XY5820000
1-(p-CYCLOHEXYL-beta-(PENTYLOXY)PHENETHYL)PYRIDINIUM BROMIDE see: UU3874110 PYRIDINIUM, 1-(p-CYCLOHEXYL-beta-(PENTYLOXY)PHENETHYL)-, BROMIDE
N-CYCLOHEXYL-N-PHENYLACETYLAMINOPHENYLACETIC ACID METHYL ESTER see: MB9285500
CYCLOHEXYLPHENYLACETYLDIETHYLAMINOETHANOL HYDROCHLORIDE see: GU6825000
1-(1-CYCLOHEXYL-2-PHENYL-3-AZETIDINYL)GUANIDINE see: MF0243000
N-CYCLOHEXYL-2-PHENYLBICARBAMIMIDE see: DT4393300
1-(4-CYCLOHEXYLPHENYL)CYCLOPROPANECARBOXYLIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: GZ1227900
1-(4-CYCLOHEXYLPHENYL)CYCLOPROPANECARBOXYLIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER see: GZ1228200
4-CYCLOHEXYL-1-PHENYL-3,5-DIOXOPYRAZOLIDINE see: UQ8438000
1-CYCLOHEXYL-1-PHENYL-2-(o-FLUOROPHENYL)ETHYLENE see: KV0900000
(-)-2-(p-CYCLOHEXYLPHENYL)-3-HYDROXY-3-METHYLBUTYRIC ACID METHYL ESTER see: ES8930000
(+)-2-(p-CYCLOHEXYLPHENYL)-3-HYDROXY-3-METHYLBUTYRIC ACID METHYL ESTER see: ES8931000
alpha-CYCLOHEXYL-alpha-PHENYL-4-MORPHOLINEBUTYRAMIDE see: QD8974000
alpha-CYCLOHEXYL-alpha-PHENYL-4-MORPHOLINEBUTYRONITRILE see: QD9320000
N-CYCLOHEXYL-2-PHENYL-N-(PHENYLACETYL)GLYCINE METHYL ESTER see: MB9285500
threo-(-)-2-(p-CYCLOHEXYLPHENYL)-3-PHENYLHYDRACRYLIC ACID METHYL ESTER see: MU4428700
erythro-(-)-2-(p-CYCLOHEXYLPHENYL)-3-PHENYLHYDRACRYLIC ACID METHYL ESTER see: MU4428600
threo-(+)-2-(p-CYCLOHEXYLPHENYL)-3-PHENYLHYDRACRYLIC ACID METHYL ESTER see: MU4428750
alpha-CYCLOHEXYL-alpha-PHENYL-1-PIPERIDINEPROPANOL HYDROCHLORIDE see: TN2625000
2-CYCLOHEXYL-2-PHENYL-4-PIPERIDINOMETHYL-DIOXOLANE-1,3 METHIODIDE see: TN4750000
alpha-CYCLOHEXYL-alpha-PHENYL-1-PYRROLIDINEBUTYRAMIDE OXALATE see: UY0215000
alpha-CYCLOHEXYL-alpha-PHENYL-1-PYRROLIDINEPROPANOL HYDROCHLORIDE see: UY1926000
1-CYCLOHEXYL-1-PHENYL-3-PYRROLIDINO-1-PROPANOL see: UY1925000
1-CYCLOHEXYL-1-PHENYL-3-PYRROLIDINO-1-PROPANOL METHSULFATE see: UY4281500
1-CYCLOHEXYL-1-PHENYL-3-PYRROLIDINO-1-PROPANOL METHYL CHLORIDE see: UY4280000
1-CYCLOHEXYL-1-PHENYL-3-(1-PYRROLIDINYL)-1-PROPANOL see: UY1925000
alpha-CYCLOHEXYL-alpha-PHENYL-1-PIPERIDINEBUTYRAMIDE OXALATE see: TM5073100
alpha-CYCLOHEXYL-alpha-PHENYL-1-PIPERIDINEBUTYRONITRILE see: TM5655000
threo-(+)-2-(p-CYCLOHEXYLPHENYL)-3-(p-TOLYL)HYDRACRYLIC ACID METHYL ESTER see: MU4428950
erythro-(+)-2-(p-CYCLOHEXYLPHENYL)-3-(p-TOLYL)HYDRACRYLIC ACID METHYL ESTER see: MU4428850
threo-(-)-2-(p-CYCLOHEXYLPHENYL)-3-(p-TOLYL)HYDRACRYLIC ACID METHYL ESTER see: MU4428900
erythro-(-)-2-(p-CYCLOHEXYLPHENYL)-3-(p-TOLYL)HYDRACRYLIC ACID METHYL ESTER see: MU4428800
CYCLOHEXYL POTASSIUM XANTHATE see: FG1500000
alpha-CYCLOHEXYL-1-PYRROLIDINEETHANOL p-NITROBENZOATE (ester) HYDROCHLORIDE see: UY1215000
CYCLOHEXYLSULFAMATE de d-METHYL N-(PHENYL-1 PROPYL-2) FURFURYLAMINE (French) see: LU9776000
4-(CYCLOHEXYLSULFONYL)-1-METHYL-4-PHENYLPIPERIDINE HYDROCHLORIDE see: TM6637000
CYCLOHEXYLSULPHAMATE SODIUM see: GV7350000
CYCLOHEXYLSULPHAMIC ACID, CALCIUM SALT see: GV7100000
CYCLOHEXYLSULPHAMIC ACID, MONOSODIUM SALT see: GV7350000
3-CYCLOHEXYLSYDNONE IMINE MONOHYDROCHLORIDE see: WU7678000
5-CYCLOHEXYLTETRAHYDRO-s-TRIAZIN-2(1H)-ONE see: XZ3019000
1-CYCLOHEXYL-3-p-TOLUENESULFONYLUREA see: YS7800000
1-CYCLOHEXYL-3-p-TOLYLSULFONYLUREA see: YS7800000
5-CYCLOHEXYL-as-TRIAZINE-3-THIOL see: XZ0880000
CYCLOHEXYLTRICHLOROSILANE see: VV2890000
CYCLOHEXYL TRICHLOROSILANE (DOT) see: VV2890000
CYCLOL ACRYLATE see: AT3850000
CYCLOLAC X 27 see: AT6970000
CYCLOLEUCINE HYDROCHLORIDE see: GY2625200
CYCLO-L-LEU-L-PRO see: UY8708800
CYCLOLYT see: OO8200000
CYCLOMALTOHEPTAOSE see: GU2293000
CYCLOMALTOHEXAOSE see: GL2292000
CYCLOMALTOMEXOSE see: GU2292000
CYCLOMANDOL see: OO8200000
CYCLOMETHIAZIDE see: DK8750000
CYCLOMETHYCAINE METHYL SULFATE see: DG5775010
CYCLOMIDE DIN 295/5 see: RF9968000
CYCLOMORPH see: QE0610000
CYCLOMYCIN see: QI8750000
CYCLOMYCIN see: NY2975000
CYCLON see: MW6825000
CYCLONAL see: CQ2625000
CYCLONAL SODIUM see: CQ2800000
CYCLONAMINE see: DB6145000
CYCLONE B see: MW6825000
CYCLONITE see: XY9450000
CYCLONIUM IODIDE see: TN4750000
CYCLONOL see: GW0875000
GX9275000 1H-CYCLONONA(1,2-c:5,6-c')DIFURAN-1,3,6,8(4H)-TETRONE, 10-((3,6-DIHYDRO-6-OXO-2H-PYRAN-2-YL) HYDROXYMETHYL)-5,9,10,11-TETRAHYDRO-4-HYDROXY-5-(1-HYDROXYHEPTYL)-
UPDT:8411 CAS: 21794-01-4 MW: 518.56 MOLFM: C26 H30 O11
SYN: RUBRATOXIN B

MUTATION DATA AND REFERENCES:
dni-hmn:hla 32 mg/L — JJEMAG 40,409,70
oms-hmn:hla 32 mg/L — JJEMAG 40,409,70
cyt-hmn:hla 100 mg/L — JJEMAG 40,409,70
dlt-mus-ipr 750 ug/kg — TXAPA9 39,13,77
sce-ham:emb 10 mg/L — MUREAV 85,289,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T41T45 orl-mus TDLo:100 mg/kg (9D preg) — PESTDS 17,209,76
1T35 orl-mus TDLo:100 mg/kg (7D preg) — 85EGD4 5,739,78
3T34T35T41 ipr-mus TDLo:400 ug/kg (8D preg) — BECTA6 10,200,73
3T42T43T46 ipr-mus TDLo:400 ug/kg (8D preg) — BECTA6 10,200,73
3T41T42T53 ipr-mus TDLo:800 ug/kg (8D preg) — RCOCB8 5,584,73
2T25T45 ipr-mus TDLo:400 ug/kg (8D preg) — 85EGD4 5,739,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:400 mg/kg — TXAPA9 19,712,71
ipr-rat LD50:350 ug/kg — TXAPA9 19,712,71
ipr-mus LD50:270 ug/kg — TXAPA9 19,712,71
* scu-mus LD50:6800 mg/kg — 85GDA2 6,135,81
unk-mus LD50:5600 ug/kg — TXAPA9 37,139,76
3F07F15U03 ipr-dog LDLo:500 ug/kg — JEPTDQ 1,59,77
ipr-cat LD50:200 mg/kg — TXAPA9 19,712,71
ipr-gpg LD50:480 mg/kg — TXAPA9 19,712,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 26,225,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLONOX LE 50 see: GW2030000
CYCLONOX LNC see: GW2030000

GX9600000 CYCLOOCTADIENE
UPDT:8312 CAS: 29965-97-7 MW: 108.20 MOLFM: C8-H12
SYN: CYCLOOCTADIENES (DOT) * UN 2520 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
CYCLOOCTADIENES (DOT) see: GX9600000
CYCLOOCTAFLUOROBUTANE see: GU1779500

GX9625000 CYCLOOCTANECARBAMIC ACID, 1,1-BIS(p-FLUOROPHENYL)-2-PROPYNYL ESTER
UPDT:8401 CAS: 20930-00-1 MW: 397.50 MOLFM: C24-H25-F2-N-O2
SYN: 1,1-BIS(4-FLUOROPHENYL)-2-PROPYNYL N-CYCLOOCTYL CARBAMATE

TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:1900 mg/kg/66D-C — CNREAB 30,2881,70

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:617 mg/kg — HazPN# 21Oct74
ipr-mus LD50:456 mg/kg — HazPN# 21Oct74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOOCTANOL, 1-(2-PROYNYL)-, CARBAMATE see: FD1160000
CYCLOOCTATETRAENE see: GY0175600

GY0175600 1,3,5,7-CYCLOOCTATETRAENE
UPDT:8401 CAS: 629-20-9 MW: 104.16 MOLFM: C8-H8
SYN: (8)ANNULENE * CYCLOOCTATETRAENE * CYCLOOCTATETRAENE (DOT) * UN 2358 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CYCLOOCTATETRAENE (DOT) see: GY0175600

GY0350000 5H-CYCLOOCT(b)INDOLE, 5-(3-(DIMETHYLAMINO)PROPYL)-6,7,8,9,10,11-HEXAHYDRO-
UPDT:8408 CAS: 5560-72-5 MW: 284.49 MOLFM: C19-H28-N2
SYN: 5-(3-(DIMETHYLAMINO)PROPYL)-6,7,8,9,10,11-HEXAHYDRO-5H-CYCLOOCT(b)INDOLE * GALATUR * IPRINDOLE * PRAMINDOLE * PRONDOL * WY-3263

TOXICITY DATA AND REFERENCES:
orl-rat LD50:484 mg/kg — TXAPA9 18,185,71
ipr-rat LD50:187 mg/kg — 27ZQAG -,130,72
* orl-mus LD50:759 mg/kg — FRPPAO 25,519,70
ipr-mus LD50:195 mg/kg — 27ZQAG -,130,72
* ivn-mus LD50:32 mg/kg — CSLNX* NX#01206

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1-CYCLOOCTYLOXY-3-AMINO-2-PROPANOL see: UA5793000 2-PROPANOL, 1-AMINO-3-(CYCLOOCTYLOXY)-
3-CYCLOOCTYL-1,1-DIMETHYL UREA mixed with BUTYNYL-3N-3-CHLOROPHENYLCARBAMATE see: YS7890000
1-CYCLOOCTYLOXY-3-GUANIDINO-2-PROPANOL SULFATE (2:1) see: MF0243500 GUANIDINE, 1-(3-(CYCLOOCTYLOXY)-2-HYDROXYPROPYL)-, SULFATE (2:1)
1-(3-(CYCLOOCTYLOXY)-2-HYDROXYPROPYL)GUANIDINE HEMISULFATE see: MF0243500 GUANIDINE, 1-(3-(CYCLOOCTYLOXY)-2-HYDROXYPROPYL)-, SULFATE (2:1)

GY0750000 CYCLOPAMINE
UPDT:8408 CAS: 4449-51-8 MW: 411.69 MOLFM: C27-H41-N-O2
SYN: ALKALOID V * 11-DEOXOJERVINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T42T43 orl-rat TDLo:120 mg/kg (6-9D preg) — LANCAO 1,1187,73
1T46 unk-mus TDLo:300 mg/kg (10D preg) — TJADAB 29(2),224,84
2T41T43 orl-rbt TDLo:44500 ug/kg (7D preg) — PSEBAA 136,1174,71
2T35T42 orl-rbt TDLo:116 mg/kg (7-8D preg) — PSEBAA 136,1174,71
1T25 orl-ham TDLo:250 mg/kg (7D preg) — PSEBAA 149,302,75
2T41T43 orl-ham TDLo:170 mg/kg (7D preg) — PSEBAA 149,302,75
1T46 orl-dom TDLo:54546 ug/kg (30-31D preg) — PSEBAA 142,1287,73

TOXICITY DATA AND REFERENCES:
orl-mus LDLo:180 mg/kg — PSEBAA 149,302,75
orl-ham LDLo:170 mg/kg — PSEBAA 149,302,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEMBAP 27,107,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOPAN see: CQ2625000
CYCLOPAR see: QI9100000
CYCLOPENIL see: GO7550000

GY0790000 CYCLOPENTA(g)-2-BENZOPYRAN, 1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYL-
UPDT:8305 CAS: 1222-05-5 MW: 258.44 MOLFM: C18-H26-O
SYN: GALOXOLIDE * 1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYL-CYCLOPENTA-gamma-2-BENZOPYRAN

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 14,793,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GY0791000 CYCLOPENTA(c)(1)BENZOPYRAN-4(3H)-ONE, 1,2-DIHYDRO-7-(3-(BENZYLISOPROPYLAMINO)-2- HYDROXYPROPOXY)-
UPDT:8311 MW: 407.55 MOLFM: C25-H29-N-O4

TOXICITY DATA AND REFERENCES:
* ivn-rat LDLo:5 mg/kg — APFRAD 40,251,82

GY0791200 CYCLOPENTA(c)(1)BENZOPYRAN-4(3H)-ONE, 1,2-DIHYDRO-7-(2-HYDROXY-3-(ISOBUTYLAMINO)PROPOXY)-
UPDT:8311 MW: 331.45 MOLFM: C19-H25-N-O4
SYN: 7-(2-HYDROXY-3-(ISOBUTYLAMINO)PROPOXY)-1,2-DIHYDROCYCLOPENTA(c)(1)BENZOPYRAN-4(3H)-ONE * (HYDROXY-2 ISOBUTYLAMINO-3 PROPOXY) 7 TETRAHYDRO 1,2,3,4 CYCLOPENTA(c)CHROMENONE-4 (French)

TOXICITY DATA AND REFERENCES:
* ivn-rat LDLo:2 mg/kg — APFRAD 40,251,22

GY0800000 1H-CYCLOPENT(j)ACEANTHRYLENE, 2,7,8,9-TETRAHYDRO-
UPDT:8401 CAS: 7129-91-1 MW: 244.35 MOLFM: C19-H16
SYN: 1,2-CYCLOPENTENO-5,10-ACEANTHRENE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:160 mg/kg/43W-I — JNCIAM 2,99,41

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY0875000 4H-CYCLOPENTA(def)CHRYSENE
UPDT:8401 CAS: 202-98-2 MW: 240.31 MOLFM: C19-H12
SYN: CHRYSENE, 4,5-METHYLENE * 4,5-METHYLENECHRYSENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:80 mg/kg — CNREAB 3,606,43

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOPENTACYCLOHEPTENE see: CO4570000

GY0900000 CYCLOPENTADECANONE
UPDT:8305 CAS: 502-72-7 MW: 224.43 MOLFM: C15-H28-O
SYN: NORMUSCONE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — FCTXAV 14,735,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GY0950000 CYCLOPENTADECANONE, 3-METHYL-
UPDT:8401 CAS: 541-91-3 MW: 238.46 MOLFM: C16-H30-O
SYN: 3-METHYLCYCLOPENTADECANONE * 3-METHYL-1-CYCLOPENTADECANONE * MOSCHUS KETONE * MUSCONE * MUSKONE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTOD7 20(Suppl),749,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CYCLOPENTADIENE see: GY1000000

GY1000000 1,3-CYCLOPENTADIENE
UPDT:8404 CAS: 542-92-7 MW: 66.11 MOLFM: C5-H6
SYN: CYCLOPENTADIENE * PENTOLE * PYROPENTYLENE * R-PENTINE

REVIEW AND REFERENCES:
★ TLV-TWA 75 ppm;STEL 150 ppm — DTLVS* 4,115,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 75 ppm (SCP-F) — FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 294#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0678-0189 P
1,3-CYCLOPENTADIENE, DIMER see: PC1050000

GY1225000 1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO-
UPDT:8412 CAS: 77-47-4 MW: 272.75 MOLFM: C5-Cl6
SYN: C-56 * HCCPD * HEXACHLORCYKLOPENTADIEN (Czech) * HEXACHLOROCYCLOPENTADIENE * HEXACHLOROCYCLOPENTADIENE (DOT) * NCI-C55607 * PCL * RCRA WASTE NUMBER U130 * UN 2646 (DOT)

IRRITATION DATA AND REFERENCES:
skn-mky 10 mg SEV — AMIHAB 11,459,55
skn-rbt 500 mg/4H SEV — VELPB* 50101-2,76
eye-rbt 20 mg/24H SEV — 28ZPAK 30,72
eye-rbt 100 mg/5M SEV — VELPB* 50101-2,76
skn-gpg 20 mg MLD — AMIHAB 11,459,55

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rbt TDLo:975 mg/kg (6-18D preg) — TXAPA9 53,497,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:113 mg/kg — 28ZPAK -,30,72
2F07J30 ihl-rat LC50:1600 ppb/4H — JTEMD6 9,743,82
unk-rat LD50:3100 mg/kg — 30ZDA9 -,55,71
* ihl-mus LCLo:1500 ppb/7H — TXAPA9 53,497,80
orl-rbt LDLo:420 mg/kg — PCOC** -,586,66
* ihl-rbt LCLo:1500 ppb/7H — TXAPA9 53,497,80
skn-rbt LD50:430 mg/kg — 34ZIAG -,308,69

REVIEW AND REFERENCES:
★ TLV-TWA 10 ppb; STEL 30 ppb — DTLVS* 4,213,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL LABEL:CORROSIVE — CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 308#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION; FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1177-0013,8EHQ-0178-0037,8EHQ-0178-0038; 8EHQ-0278-0054,8EHQ-0278-0061,8EHQ-0278-0064; 8EHQ-0378-0099,8EHQ-0378-0102,8EHQ-0378-0109; 8EHQ-0378-0110
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0678-0189 P
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0678-0208
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY1250000 CYCLOPENTADIENE, HEXACHLORO-, reaction product with CHLOROSULFONIC ACID
UPDT:8412 MW: 627.58 MOLFM: C10-H2-Cl12-O3-S
SYN: ENT 25,729 * HOOKER HRS 720

TOXICITY DATA AND REFERENCES:
orl-rat LD50:100 mg/kg — ARSIM* 20,13,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOPENTADIENE, HEXACHLORO-, DIMER see: PC8225000

GY1520000 1,3-CYCLOPENTADIENE, 1,2,3,4,5-PENTACHLORO-
UPDT:8306 CAS: 25329-35-5 MW: 238.31 MOLFM: C5-H-Cl5
SYN: PENTACHLOROCYCLOPENTADIENE * 1,2,3,4,5-PENTACHLOROCYCLOPENTADIENE

MUTATION DATA AND REFERENCES:
mma-esc 240 umol/L — BCPCA6 27,2927,78

STATUS:
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0678-0189 P
CYCLOPENTADIENYLMANGANESE TRICARBONYL see: OO9720000
pi-CYCLOPENTADIENYL compd. with NICKEL see: QR6500000

GY1700000 CYCLOPENTA(c)FURO(3',2':4,5)FURO(2,3-h)(1)BENZOPYRAN-1,11-DIONE, 2,3,6a,8,9,9a-HEXAHYDRO- 8,9-DICHLORO-4-METHOXY-
UPDT:8401 CAS: 63976-04-5 MW: 383.19 MOLFM: C17-H12-Cl2-O6

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

SYN: AFLATOXIN B1-2,3-DICHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/L — CSHCAL 4,605,77
sln-dmg-par 200 nmol/L — CNREA8 38,2608,78
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:197 ug/kg/10W-I — CNREA8 35,3811,75
2V02R60 skn-mus TDLo:1533 ug/kg/20W-I — CNREA8 35,3811,75
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY1720000 CYCLOPENTA(c)FURO(3',2':4,5)FURO(2,3-h)(1)BENZOPYRAN-1,11-DIONE, 2,3,6a,8,9,9a-HEXAHYDRO- 9a-HYDROXY-4-METHOXY-
UPDT:8312 CAS: 6885-57-0 MW: 330.31 MOLFM: C17-H14-O7
SYN: AFLATOXIN M2 * 4-HYDROXYAFLATOXIN B2
TOXICITY DATA AND REFERENCES:
orl-dck LD50:281 ug/kg — 85ESA3 9,25,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PMDCAY 10,85,74
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

GY1722000 CYCLOPENTA(c)FURO(3',2':4,5)FURO(2,3-h)(1)BENZOPYRAN-1,11-DIONE, 2,3,6a-alpha,8,9,9a- alpha-HEXAHYDRO-4-METHOXY-
UPDT:8408 CAS: 7220-81-7 MW: 314.31 MOLFM: C17-H14-O6
SYN: AFLATOXIN B2 * DIHYDROAFLATOXIN B1
MUTATION DATA AND REFERENCES:
mma-sat 370 ng/plate — MUREAV 130,79,84
dnd-rat-par 40 ug/kg/2D-C — BBRCA9 83,1354,78
dnd-rat-ipr 520 ug/kg — CNREA8 37,172,77
dns-rat:lvr 10 umol/L/1H — CNREA8 37,1845,77
mma-ham:lng 83 umol/L — MUREAV 46,27,77
otr-ham:emb 500 ug/L — IJCNAW 19,642,77
sce-ham:lng 3100 ug/L — CRNGDP 1,759,80
dnd-mam:lym 50 umol/L — CRNGDP 3,423,82
TUMORIGENIC DATA AND REFERENCES:
2V03L60 ipr-rat TDLo:600 mg/kg/8W-I — CNREA8 31,1936,71
TOXICITY DATA AND REFERENCES:
orl-dck LD50:1700 ug/kg — NATUAS 200,1101,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LLOYA2 38(1),21,75; BAREA8 30,460,66; PMDCAY 10,85,74; IJNDAN 8(2),85,71
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 1,145,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 10,51,76
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY1775000 CYCLOPENTA(c)FURO(3',2':4,5)FURO(2,3-h)(1)-BENZOPYRAN-1,11-DIONE, 2,3,6a,9a-TETRAHYDRO- 4-HYDROXY-, (6aR-cis)-
UPDT:8307 CAS: 32215-02-4 MW: 298.26 MOLFM: C16-H10-O6
SYN: AFLATOXIN P1
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — PNASA6 73,2241,76
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:150 mg/kg — LSPPAT 13,1143,73
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

GY1880000 CYCLOPENTA(c)FURO(3',2':4,5)FURO(2,3-h)(1)BENZOPYRAN-1,11-DIONE, 2,3,6a,9a-TETRAHYDRO- 9a-HYDROXY-4-METHOXY-
UPDT:8402 CAS: 6795-23-9 MW: 328.29 MOLFM: C17-H12-O7
SYN: AFLATOXIN M1 * 4-HYDROXYAFLATOXIN B1
MUTATION DATA AND REFERENCES:
mma-sat 200 ng/plate — JEPTDQ 2(4),1099,79
dnd-rat-orl 3600 ng/kg — CBINA8 32,249,80
dns-rat:lvr 600 ng/plate — TOXID9 1,42,81
cyt-rat-orl 1 mg/kg — JNCIAM 47,585,71
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:8 mg/kg/8W-I — FCTXAV 12,381,74
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1500 ug/kg — JNCIAM 47,585,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PMDCAY 10,85,74; 85CVA2 5,257,70; JSIRAC 37,369,78; ARMIAZ 26,279,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 10,51,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
CYCLOPENTANO(c,d)PYRENE see: GY5855000

GY1925000 CYCLOPENTA(c)FURO(3',2':4,5)FURO(2,3-h)(1)BENZOPYRAN-1,11-DIONE, 2,3,6a,9a-TETRAHYDRO- 4-METHOXY-
UPDT:8412 CAS: 1162-65-8 MW: 312.29 MOLFM: C17-H12-O6
SYN: AFB1 * AFBI * AFLATOXIN B * AFLATOXIN B1
MUTATION DATA AND REFERENCES:
mmo-sat 700 ng/plate — AEMIDF 35,659,78
mma-sat 10 ng/plate — FCTOD7 22,355,84
dnd-sat 160 nmol/L — PNASA6 76,1343,79
pic-sat 1 ug/L — ENMUDM 1,121,79
mma-esc 200 ug/L — MUREAV 130,97,84
dnr-esc 2 ug/well — ENMUDM 3,429,81
mrc-esc 20 ng/well — MUREAV 46,53,77
pic-esc 1 ng/tube — MUREAV 89,1,81
mma-bcs 52 mg/L — MUREAV 38,271,76
dnr-bcs 50 mg/L — EVSRBT 24,19,81
mrc-bcs 10 ug/disc — CNREA8 36,445,76
dnd-bcs 6 gm/L — NATUAS 225,68,70
mmo-omi 5 mg/L — MUREAV 28,1,75
mma-omi 640 nmol/L — MUREAV 106,195,82
oms-omi 40 umol/L — MUREAV 107,23,83
dnd-omi 220 umol/L — CNREA8 35,382,75
dnd-omi 40 umol/L — MUREAV 107,23,83
dns-omi 10 ug/L — CRNGDP 2,417,81
pic-omi 5 mg/L — APMBAY 20,782,70
slt-dmg-unk 160 umol/L/3H — MUREAV 120,233,83
sln-dmg-orl 20 mg/L — MUREAV 11,430,71
sln-dmg-par 50 umol/L — CNREA8 38,2608,78
mma-nsc 130 umol/L — CNREA8 32,1890,72
mma-nsc 670 umol/L — MUREAV 37,27,76
mma-smc 270 umol/L — BBRCA9 83,14,78
mma-smc 530 umol/L — MUREAV 45,309,77
dnd-sal:spr 110 umol/L — CNREA8 32,2058,72
dnd-ofs:lvr 60 ug/L — CRNGDP 3,511,82
dnd-ofs-ipr 5 ug/kg — JJIND8 68,623,82
dnd-sal-ipr 5 ug/kg — JJIND8 68,623,82
dns-sal:oth 100 umol/L — MUREAV 124,153,83
dns-ofs:ovr 100 umol/L — MUREAV 124,153,83
dns-ofs:oth 100 umol/L — MUREAV 124,153,83
dns-ofs:oth 100 umol/L — MUREAV 124,153,83
dns-ofs:lvr 100 umol/L — CNREA8 44,1120,84
mnt-hmn:lym 100 nmol/L — MRLEDH 91,63,81
mma-hmn:lym 100 ug/L — 42GEA8 -,97,79
otr-hmn:oth 2500 mg/L — CNREA8 41,5096,81
otr-hmn:oth 10 mg/L — ITCSAF 17,719,81
dnd-hmn:oth 1 umol/L — CRNGDP 3,1345,82
dnd-hmn:oth 1 umol/L — CRNGDP 3,1345,82
dnd-hmn:lvr 2 ppm/3H — NATUAS 214,814,67
dnd-hmn:oth 1 umol/L — TCMUD8 1,3,80
dnd-hmn:hla 32 mg/L/24H — JJEMAG 42,527,72
dnd-hmn:lym 100 ug/L — 42GEA8 -,97,79
dns-hmn:fbr 10 umol/L/2H — IJCNAW 16,284,75
dns-hmn:hla 10 nmol/L — CNREA8 38,2621,78
dns-hmn:oth 100 umol/L — MUREAV 122,377,83
oms-hmn:lvr 2 mg/L — BJEPA5 49,33,68
dni-hmn:hla 50 nmol/L/1H-C — JEPTDQ 2(1),65,78
dni-hmn:lvr 2 mg/L — BJEPA5 49,33,68
dni-hmn:lng 1 ppm — NATUAS 208,345,65
oms-hmn:lvr 2 mg/L — BJEPA5 49,33,68
dns-hmn:lvr 10 umol/L — PAACA3 24,69,83
dni-hmn:fbr 40 mg/L — CNREA8 37,1786,77
cyt-hmn:lym 100 nmol/L — CRNGDP 5,719,84
cyt-hmn:leu 1 mg/L — BJCAAI 30,103,74
cyt-hmn:hla 100 nmol/L — TXCYAC 9,21,78
cyt-hmn:lng 1 mg/L — JAVMA4 155,2080,69
cyt-hmn:fbr 60 umol/L — GMCRDC 17,3,75
sce-hmn:lym 19200 nmol/L — TOLED5 7,245,81
msc-hmn:lym 3 nmol/L — ENMUDM 4,342,82
mnt-rat-ipr 2500 ug/kg — MUREAV 58,79,78
dnd-rat-orl 10900 ng/kg — CBINA8 32,249,80
otr-rat-orl 3333 ug/kg/4W-I — JNCIAM 55,579,75
otr-rat:lvr 30 ug/L/10W — CNREA8 33,606,73
dnd-rat:oth 1 umol/L — CRNGDP 3,1345,82
dnd-rat:oth 1 umol/L — CRNGDP 3,1345,82
dnd-rat-ipr 500 ug/kg — CNREA8 38,1589,78
dnd-rat-par 5 mg/kg — SCIEAS 151,1539,66
dnd-rat:oth 1 umol/L — TCMUD8 1,3,80
dnd-rat:lvr 10 mg/L — CBINA8 32,187,80
oms-rat-unk 1 mg/kg — PAACA3 24,65,83
dns-rat:lvr 500 nmol/L — MUREAV 122,177,83
oms-rat-ipr 200 ng/kg — CNREA8 42,3659,82
oms-rat-ipr 50 ug/kg — ECREAL 51,423,68
dni-rat-ipr 250 ug/kg — IJCNAW 6,74,70
dni-rat-orl 4 ppm — CNREA8 36,2399,76
oms-rat:lvr 150 ng — CBINA8 14,279,76
oms-rat-orl 500 ug/kg — CRNGDP 4,1013,83
dns-rat:spr 100 umol/L — ENMUDM 6,273,84
bfa-rat/sat 5460 ug/kg/26W-C — FCTOD7 20,47,82
cyt-rat-orl 12600 ug/kg/3w — JNCIAM 54,1245,75
cyt-rat-ipr 750 ug/kg — CNREA8 27,2221,67
cyt-rat ipr 1 mg/kg — AJPAA4 49,1023,66
msc-rat:oth 48 nmol/L — ENMUDM 5,33,83
msc-rat:lvr 1 umol/L — MUREAV 130,53,84
mnt-mus-ipr 15 mg/kg — MUREAV 43,255,77
mma-mus:lym 1750 nmol/L — MUREAV 95,297,82
otr-mus:fbr 500 ug/L — PAACA3 21,92,80
otr-mus:emb 500 ug/L — ENMUDM 4,105,82
dnd-mus-orl 24 ug/kg — CBINA8 32,249,80
dnd-mus:oth 10 mg/L — GANNA2 68,619,77
dnd-mus:emb 300 nmol/L — JJIND8 70,135,83
dns-mus:lvr 100 nmol/L — ENMUDM 5,1,83
dns-mus:fbr 500 umol/L — VOONAW 28(11),53,82
dni-mus-ipr 20 gm/kg — ARGEAR 51,605,81
dni-mus-orl 40 mg/kg — MUREAV 46,305,77
dni-mus-par 20 mg/kg — PCOCB8 21,281,78
oms-mus:lvr 250 ng — CBINA8 13,257,76
cyt-mus-ipr 5 mg/kg — TOLED5 7,245,81
cyt-mus-ivn 20 mg/kg — MUREAV 60,329,79
cyt-mus:oth 1 mg/L — GANNA2 68,619,77
sce-mus-ivn 20 mg/kg — MUREAV 60,329,79
msc-mus:oth 1 mg/L — GANNA2 68,619,77
msc-mus:lym 500 nmol/L — MUREAV 110,147,83
mma-ham:lng 630 nmol/L — MUREAV 46,27,77
ham-ipr 100 mg/kg — ARPAAQ 95,380,73
otr-ham:emb 120 ug/L — CNREA8 37,3508,77
otr-ham:kdy 80 ug/L — BJCAAI 37,873,78
dnd-ham-ipr 400 ug/kg — CBINA8 11,123,75
dnd-ham:lng 3 umol/L/2H — BBRCA9 72,732,76
dnd-ham:oth 1 umol/L — CRNGDP 3,1345,82
dnd-ham:oth 1 umol/L — CRNGDP 3,1345,82
dnd-ham:lvr 2 umol/L — PAACA3 25,118,84
dns-ham:lvr 100 nmol/L — ENMUDM 5,1,83
dns-ham:ovr 100 umol/L — MUREAV 124,153,83
dns-ham:emb 30 mg/L — CNREA8 44,184,84
cyt-ham-orl 12500 ug/kg — MUREAV 74,164,80
cyt-ham:fbr 1 mg/L — BJCAAI 30,103,74
cyt-ham:ovr 1 umol/L — CALEDQ 13,89,81
cyt-ham:oth 10 mg/L — EVSRBT 24,433,81
sce-ham:ovr 1 mmol/L/24H — MUREAV 45,263,77
sce-ham:lng 100 ug/L — CRNGDP 1,759,80
sce-ham:emb 10 mg/L — MUREAV 85,289,81
msc-ham:lng 200 umol/L/48H — PNASA6 75,2864,78
msc-ham:ovr 1 umol/L — PAACA3 21,39,80
otr-gpg:oth 500 ug/L — CNREA8 35,1035,75
otr-mky-orl 700 ug/kg — LAINAW 30,267,74
dnd-mky:kdy 3 mg/L — CBINA8 32,187,80
dnd-mky:oth 1 umol/L — CRNGDP 3,1345,82
dns-mky:kdy 10 ug/L — SAMJAF 49,273,75
dni-mky:kdy 2 mg/L/2H-C — JNCIAM 48,1647,72
oms-mky:kdy 500 ug/L — CBINA8 18,267,77
oms-mky:kdy 1 mg/L — SAMJAF 49,273,75
cyt-mky:kdy 2 mg/L/2H-C — JNCIAM 48,1647,72

BEST COPY AVAILABLE

dnd-mam:lym 250 umol/L CBINA8 48,207,84
dnd-dog:oth 1 umol/L CRNGDP 3,1345,82
dnd-dog:oth 1 umol/L CRNGDP 3,1345,82
dnd-pig-orl 3100 ng/kg CBINA8 32,249,80
dns-ckn-par 1 umol/kg ENMUDM 6,41,84
dni-mam:lym 64 umol/L BCPCA6 18,2783,69
oms-ckn:lvr 3 umol/L CBINA8 11,507,75
cyt-mam:kdy 12500 ug/L/8H-C FCTXAV 8,617,70
cyt-ckn:lvr 3 umol/L CBINA8 11,507,75
sce-ckn-par 13 ng/kg ENMUDM 2,435,80
sce-ckn:emb 10 mg/L PSEBAA 173,481,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:5 mg/kg (16D preg) BJEPA5 47,242,66
1T17 orl-rat TDLo:675 ug/kg (1-22D preg/5D post) IJEBA6 10,307,72
1T29 orl-rat TDLo:8100 ug/kg (1-22D preg/5D post) IJEBA6 10,307,72
2T71T76 ipr-rat TDLo:2 mg/kg (18-21D preg) JJIND8 64,1349,80
1T83 ipr-rat TDLo:10 mg/kg (17-19D preg) BNEOBV 33,283,78
1T02 ipr-rat TDLo:960 ug/kg (15D male) TXCYAC 17,9,80
1T85 scu-rat TDLo:1200 ug/kg (11-14D preg) TOLED5 18(Suppl 1),113,83
1T02 itt-rat TDLo:200 ug/kg (1D male) POTED5 5,263,80
3T41T42T45 orl-mus TDLo:4 mg/kg (8D preg) AVSCA7 22,524,81
2T25T35 ipr-mus TDLo:5 mg/kg (7-11D preg) NATUAS 215,638,67
2T42T43 ipr-mus TDLo:64 mg/kg (6-7D preg) TJADAB 24(1),25A,81
1T34 ipr-mus TDLo:32 mg/kg (10-11D preg) TJADAB 24(1),25A,81
1T46 ipr-mus TDLo:64 mg/kg (10-11D preg) TJADAB 24(1),25A,81
3T25T35T59 ipr-ham TDLo:4 mg/kg (8D preg) NATUAS 215,638,67
2T34T25 ipr-ham TDLo:4 mg/kg (9D preg) JCVPAR 90,339,80
2T41T45 ipr-ham TDLo:4 mg/kg (8D preg) ANYAA9 163,801,69

TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-rat TDLo:380 ug/kg/68W-C CNREA8 27,2370,67
3V01T65N60 ipr-rat TDLo:2 mg/kg (18-21D preg) JJIND8 64,1349,80
2V01L60 ipr-rat TDLo:6 mg/kg/8W-I CNREA8 31,1936,71
3V01L60V10 scu-rat TDLo:800 ug/kg/10W-I CNREA8 35,3811,75
3V03T65R60 ivn-rat TDLo:8 mg/kg (15D preg) IARCCD 4,100,73
3V01J60L60 ipr-mus TDLo:6 mg/kg CRNGDP 5,385,84
3V02T65R60 scu-mus TDLo:30 mg/kg (15-22D preg) BEXBAN 82,1687,76
2V03L60 orl-mky TDLo:168 mg/kg/6Y-C JNCIAM 57,67,76
3V03K60L60 mul-mky TDLo:20 mg/kg/4Y-I JNCIAM 57,67,76
2V01L60 orl-ham TDLo:60 mg/kg/6W-I JJIND8 68,271,82
2V01L60 orl-dck TDLo:1260 ug/kg/60W-C NATUAS 208,308,65
2V01L60 orl-mam TDLo:120 mg/kg/74W-C FEPRA7 34,827,75
3V01L60M61 orl-rat TD :15 mg/kg/6W-C FCTXAV 6,135,68
2V01L60 orl-rat TD :2000 ug/kg/4W-I CNREA8 31,1936,71
2V02V10 scu-rat TD :1600 ug/kg/20W-I CNREA8 31,1936,71
2V01L60 orl-rat TD :8400 ug/kg/20W-C EXPEAM 34,1069,78
3V01L60M61 orl-rat TD :8 mg/kg/20W-I CNREA8 29,2206,69
3V01L60M61 orl-rat TD :2205 ug/kg/21W-C CNREA8 29,1045,69
3V01L61K61 orl-rat TD :18 mg/kg/43W-C JNCIAM 55,107,75
2V01L60 orl-rat TD :1243 ug/kg/71W-C FCTXAV 12,681,74
2V01L60 orl-rat TD :1500 ug/kg/7W-I CNREA8 35,2469,75
3V01J60L60 orl-rat TD :19 mg/kg/15W-I NEOLA4 28,35,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5 mg/kg CNREA8 27,2370,67
ipr-rat LD50:6 mg/kg TXAPA9 25,438,73
* unk-rat LD50:16 mg/kg BJEPA5 47,242,66
* orl-mus LD50:9 mg/kg APPYAG 12,303,74
ipr-mus LD50:9500 ug/kg LSPPAT 13,1143,73
ipr-dog LDLo:1 mg/kg PAVEAC 3,331,66
orl-mky LD50:2200 ug/kg TXAPA9 19,169,71
1L30 ipr-mky LDLo:1300 ug/kg AJPAA4 49,1023,66
orl-cat LD50:550 ug/kg CNREA8 29,236,69
3F07U01U03 orl-rbt LD50:400 ug/kg AJVRAH 43,1027,82
* orl-pig LD50:670 ug/kg APPYAG 12,303,74
orl-gpg LD50:2 mg/kg TXAPA9 19,169,71
ipr-gpg LD50:1400 ug/kg JPBAA7 91,277,66
orl-ham LD50:10 mg/kg CNREA8 29,236,69
* ipr-ham LD50:6 mg/kg ARPAAQ 83,53,67
orl-dck LD50:335 ug/kg PSEBAA 123,151,66
orl-dom LDLo:2 mg/kg NATUAS 225,1062,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LLOYA2 38(1),21,75; IJMDAI 10(4),441,74; MUREAV 26,225,74; BAREA8 30,460,66; PMDCAY 10,85,74; IJNDAN 8(2),85,71; ZHPMAT 166,144,78; BLFSBY 24,129,83; ARMIAZ 26,279,72; TXAPA9 41,157,77
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,145,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,51,76
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 10,51,76

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY1930000 CYCLOPENTA(c)FURO(3',2':4,5)FURO(2,3-h)(1)BENZOPYRAN-11(1H)-ONE, 2,3,6a-alpha,8,9,9a-alpha- HEXAHYDRO-4-METHOXY-
UPDT:8308 CAS: 1503-44-2 MW: 300.33 MOLFM: C17-H16-O5
SYN: TETRAHYDRODEOXOAFLATOXIN B1 * TETRAHYDRODEOXYAFLATOXIN B1 * TETRAHYDRODESOXOAFLATOXIN B1 * TETRAHYDRODESOXYAFLATOXIN B1

MUTATION DATA AND REFERENCES:
dnd-mam:tym 30 umol/L CNREA8 31,1943,71

alpha,beta-CYCLOPENTAMETHYLENETETRAZOLE see: XF8225000

GY2390000 CYCLOPENTANE
UPDT:8403 CAS: 287-92-3 MW: 70.15 MOLFM: C5-H10
SYN: CYCLOPENTANE (DOT) * PENTAMETHYLENE * UN 1146 (DOT)

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:110 ug/m3 AEPPAE 149,116,30

REVIEW AND REFERENCES:
★ TLV-TWA 600 ppm; STEL 800 ppm DTLVS* 4,116,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172,101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GY2510000 CYCLOPENTANECARBONITRILE, 1-METHYL-2-OXO-, O-(METHYLCARBAMOYL)OXIME
UPDT:8309 CAS: 20417-82-7 MW: 195.25 MOLFM: C9-H13-N3-O2
SYN: ENT 27,332 * 1-METHYL-2-OXOCYCLOPENTANECARBONITRILE O-((METHYLAMINO)CARBONYL)OXIME * NSC 190932 * UC 23619 * UNION CARBIDE UC 23619

TOXICITY DATA AND REFERENCES:
orl-rat LD50:18 mg/kg ARSIM* 20,25,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY2550000 CYCLOPENTANECARBOTHIOIC ACID, 1-PHENYL-, O-ESTER with 2-(DIETHYLAMINO)ETHANOL, HYDROCHLORIDE
UPDT:8306 CAS: 57554-34-4 MW: 341.98 MOLFM: C18-H27-N-O-S-Cl-H
SYN: CARAMIFENE (Italian) * CARAMIPHENE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:180 mg/kg BCFAAI 111,293,72
ipr-mus LD50:339 mg/kg EJMCA5 10,262,75

GY2555000 CYCLOPENTANECARBOXAMIDE, N-(2-AMIDINOETHYL)-3-AMINO-
UPDT:8403 MW: 198.31 MOLFM: C9-H18-N4-O
SYN: N-(2-AMIDINOETHYL)-3-AMINOCYCLOPENTANECARBOXAMIDE * AMIDINOMYCIN * 3-AMINO-N-(3-AMINO-3-IMINOPROPYL)CYCLOPENTANECARBOXAMIDE * MYXOVIROMYCIN

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:140 mg/kg 85FZAT -,127,67
* scu-mus LD50:20400 ug/kg 85FZAT -,444,67
* ivn-mus LD50:18 mg/kg 85ERAY 2,1214,78

GY2625200 CYCLOPENTANECARBOXYLIC ACID, 1-AMINO-, HYDROCHLORIDE
UPDT:8405 MW: 165.64 MOLFM: C6-H11-N-O2-Cl-H
SYN: 1-AMINOCYCLOPENTANECARBOXYLIC ACID HYDROCHLORIDE * CYCLOLEUCINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:260 mg/kg MEIEDD 10,392,83
* orl-mus LD50:309 mg/kg MEIEDD 10,392,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY2626000 CYCLOPENTANECARBOXYLIC ACID, 1-(3-CHLORO-4-CYCLOHEXYLPHENYL)-
UPDT:8309 CAS: 26961-89-7 MW: 306.86 MOLFM: C18-H23-Cl-O2
SYN: 1-(3-CHLORO-4-CYCLOHEXYLPHENYL)CYCLOPENTANECARBOXYLIC ACID * TAI 288

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg TAKHAA 34,467,75

GY2770000 CYCLOPENTANECARBOXYLIC ACID, 2-(1-FORMYLETHYL)-5-METHYL-
UPDT:8303 CAS: 524-06-1 MW: 184.26 MOLFM: C10-H16-O3
SYN: CYCLOPENTANECARBOXYLIC ACID, 2-METHYL-5-(1-METHYL-2-OXOETHYL)- (9CI) * 2-(1-FORMYLETHYL)-5-METHYLCYCLOPENTANECARBOXYLIC ACID * NEPETALIC ACID

TOXICITY DATA AND REFERENCES:
3F05F07F19 ipr-mus LD50:1050 mg/kg LLOYA2 41,367,78

CYCLOPENTANECARBOXYLIC ACID, 2-METHYLENE-3-OXO- see: VQ4200000

GY2975000 CYCLOPENTANECARBOXYLIC ACID, 2-METHYLENE-3-OXO-, SODIUM SALT
UPDT:8401 CAS: 874-21-5 MW: 162.13 MOLFM: C7-H7-O3-Na
SYN: SARKOMYCIN B* SODIUM SALT * SARKOMYCIN SODIUM SALT * SODIUM SARKOMYCIN

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:1680 mg/kg/42W-I BJCAAI 19,392,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOPENTANECARBOXYLIC ACID, 2-METHYL-5-(1-METHYL-2-OXOETHYL)- (9CI) see: GY2770000

GY3520000 CYCLOPENTANECARBOXYLIC ACID, 1-PHENYL-, 2-(2-(DIETHYLAMINO)ETHOXY)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 CAS: 1045-21-2 MW: 369.98 MOLFM: C20-H31-N-O3-Cl-H
SYN: DIETHYLAMINOETHOXYETHYL-1-PHENYL 1-CYCLOPENTANE CARBOXYLATE HYDROCHLORIDE * 1-PHENYLCYCLOPENTANECARBOXYLIC ACID (2-(2-(DIETHYLAMINO)ETHOXY)ETHYL) ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:830 mg/kg AIPTAK 103,200,55
* ivn-rat LD50:25 mg/kg AIPTAK 103,200,55
* orl-mus LD50:230 mg/kg AIPTAK 103,200,55
* ivn-mus LD50:26500 ug/kg AIPTAK 103,200,55

GY3870000 CYCLOPENTANECARBOXYLIC ACID, 1-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8311 CAS: 125-85-9 MW: 325.92 MOLFM: C18-H27-N-O2-Cl-H
SYN: CARAMIPHENE HYDROCHLORIDE * CARAMIPHEN HYDROCHLORIDE * CARAMIPHENIUM CHLORIDE * DIETHYLAMINOETHYL 1-PHENYLCYCLOPENTANE 1-CARBOXYLATE HYDROCHLORIDE * HYDROCHLORIDE of 1-PHENYLCYCLOPENTANECARBOXYLIC ACID DIETHYLAMINOETHYL ESTER * PANPARNIT * PARPANIT * PARPANIT HYDROCHLORIDE * PENTAPHENE HYDROCHLORIDE * 1-PHENYLCYCLOPENTANECARBOXYLIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:209 mg/kg JPETAB 96,42,49
ivn-rat LD50:35 mg/kg SMWOAS 76,1282,46
2F11F21 orl-mus LD50:485 mg/kg AIPTAK 134,255,61
ipr-mus LD50:222 mg/kg JPETAB 96,42,49
scu-mus LDLo:500 mg/kg ARZNAD 6,695,56
1E16 ivn-mus LD50:36500 ug/kg EJPHAZ 9,304,70
orl-cat LD50:390 mg/kg JPETAB 96,42,49
ivn-rbt LD50:25 mg/kg JPETAB 96,42,49
1E16 scu-gpg LD50:130 mg/kg AIPTAK 137,375,62

GY4212000 1,3-CYCLOPENTANEDICARBOXYLIC ACID, 1,2,2-TRIMETHYL-, 3-METHYL ESTER, SODIUM SALT, cis-(+-)-
UPDT:8405 CAS: 65323-13-9 MW: 236.27 MOLFM: C11-H17-O4-Na
SYN: dl-alpha-METHYL CAMPHORATE SODIUM SALT * NATRIUMSALZ der CAMPHERSAEUREMETHYLESTER (German) * cis-(+-)-1,2,2-TRIMETHYL-1,3-CYCLOPENTANEDICARBOXYLIC ACID 3-METHYL ESTER SODIUM SALT

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3430 mg/kg GWXXBX #2630169
* orl-mus LD50:2456 mg/kg GWXXBX #2630169

GY4213000 1,3-CYCLOPENTANEDICARBOXYLIC ACID, 1,2,2-TRIMETHYL-, PHENYLPENTYL ESTER, SODIUM SALT
UPDT:8405 MW: 369.50 MOLFM: C21-H30-O4-Na
SYN: NATRIUMSALZ der PHENYL-n-AMYLESTER der CAMPHERSAEURE (German) * PHENYL-n-AMYL CAMPHORATE SODIUM * 1,2,2-TRIMETHYL-1,3-CYCLOPENTANEDICARBOXYLIC ACID PHENYLPENTYL ESTER SODIUM SALT

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5550 mg/kg GWXXBX #2630169
* orl-mus LD50:3750 mg/kg GWXXBX #2630169

GY4250000 1,2-CYCLOPENTANEDIOL, 3-(6-AMINO-9H-PURIN-9-YL)-5-(HYDROXYMETHYL)-, (1R,2S,3R,5R)-
UPDT:8309 CAS: 19186-33-5 MW: 265.31 MOLFM: C11-H15-N5-O3
SYN: (1R,2S,3R,5R)-3-(6-AMINO-9H-PURIN-9-YL)-5-(HYDROXYMETHYL)-1,2-CYCLOPENTANEDIOL * ARISTEROMYCIN * CYCLOADENOSINE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg 85GDA2 5,307,81

CYCLOPENTANE (DOT) see: GY2390000

GY4480000 CYCLOPENTANEETHYLAMINE, beta,beta-DIETHYL-, HYDROCHLORIDE
UPDT:8406 MW: 205.81 MOLFM: C11-H23-N-Cl-H
SYN: DIETHYL beta-CYCLOPENTYLETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg JPETAB 83,253,45

GY4500000 CYCLOPENTANEETHYLAMINE, beta,beta-DIMETHYL-, HYDROCHLORIDE
UPDT:8406 MW: 177.75 MOLFM: C9-H19-N-Cl-H
SYN: DIMETHYL beta-CYCLOPENTYLETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:85 mg/kg JPETAB 83,253,45

GY4550600 CYCLOPENTANEETHYLAMINE, beta-ETHYL-, HYDROCHLORIDE
UPDT:8406 MW: 177.75 MOLFM: C9-H19-N-Cl-H

BEST COPY AVAILABLE

SYN: ETHYL-beta-CYCLOPENTYLETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:115 mg/kg JPETAB 83,253,45

GY4569700 CYCLOPENTANEHEPTANOIC ACID, 3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)-

UPDT:8312 CAS: 745-62-0 MW: 356.56 MOLFM: C20-H36-O5

SYN: PGF 1-alpha * PROSTAGLANDIN F1 alpha * PROTAGLANDIN F1 * PROST-13-EN-1-OIC ACID, 9,11,15-TRIHYDROXY-, (9-alpha,11-alpha,13E,15S)- (9CI)

MUTATION DATA AND REFERENCES:

spm-mus-ipr 3 mg/kg INJFA3 21,82,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T24T29 scu-rat TDLo:150 mg/kg (4-6D preg) BIREBV 1,367,69

2T01T03 scu-mus TDLo:45 mg/kg (15D male) INJFA3 21,82,76

2T25T35 scu-mus TDLo:10 mg/kg (16D preg) PRGLBA 1,191,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY4569750 CYCLOPENTANEHEPTANOIC ACID, 3-HYDROXY-2-(3-HYDROXY-1-NONENYL)-5-OXO-, (E)-trans-1,2,cis-1,3-

UPDT:8401 CAS: 17711-13-6 MW: 368.57 MOLFM: C21-H36-O5

SYN: omega-h 5-3-PGE1 * omega-HOMOPROSTAGLANDIN E1 * PROST-13-EN-1-OIC ACID, 11,15-DIHYDROXY-20-METHYL-9-OXO-, (11-alpha,13E,15S)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27 ivn-wmn TDLo:102 ug/kg (17W preg) JOGBAS 78,301,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY4569800 CYCLOPENTANEHEPTANOIC ACID, 3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXO-, [

UPDT:8408 CAS: 745-65-3 MW: 354.54 MOLFM: C20-H34-O5

SYN: ALPROSTADIL * 3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXOCYCLOPENTANEHEPTANOIC ACID * 13,14-DIHYDRO-15-KETO-PGE1 * 13,14-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXOCYCLOPENTANEHEPTANOIC ACID * PGE-1 * PGE1 * PROSTAGLANDIN E1 * (-)-PROTAGLANDIN E1 * PROTAGLANDIN E1 * PROST-13-EN-1-OIC ACID, 11,15-DIHYDROXY-9-OXO-, (11-alpha,13E,15S)- (9CI)

MUTATION DATA AND REFERENCES:

dni-mus:oth 1 umol/L CNREA8 43,3514,83

oms-mus:oth 100 nmol/L JIDEAE 66,313,76

cyt-mus:oth 19 mg/L JRPFA4 47,1,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27 ivn-wmn TDLo:64 ug/kg (20W preg) BMJOAE 2,258,70

1T13 ivn-wmn TDLo:360 ng/kg (20W preg) AJOGAH 102,317,68

1T17 ipr-rat TDLo:500 ug/kg (7D post) PSEBAA 146,1003,74

1T24 ipr-rat TDLo:2 mg/kg (2D preg) NYKZAU 79,15,82

3T41T42T55 scu-rat TDLo:20 mg/kg (6-15D preg) TJADAB 27,78A,83

3T26T34T46 scu-rat TDLo:10 mg/kg (6-15D preg) TJADAB 27,78A,83

3T12T25T29 scu-rat TDLo:5 mg/kg (13D preg) PRGLBA 9,75,75

3T01T02T03 scu-rat TDLo:15 mg/kg (30D male) INJFA3 25,267,80

1T83 scu-rat TDLo:15 mg/kg (21D preg) PSEBAA 148,227,75

1T16 ipr-mus TDLo:1 mg/kg (19D preg) BJPCBM 36,188,69

1T01 scu-mus TDLo:45 mg/kg (15D male) INJFA3 21,82,76

2T01T03 scu-mus TDLo:30 mg/kg (15D male) INJFA3 20,177,75

1T35 scu-mus TDLo:5 mg/kg (16D preg) PRGLBA 1,191,72

1T27 scu-mus TDLo:10 mg/kg (16D preg) PRGLBA 1,191,72

1T29 scu-rbt TDLo:2500 ug/kg (1D pre) BIREBV 7,106,72

1T29 scu-rbt TDLo:2 mg/kg (2D preg) AVBIB9 9,805,73

1T27 scu-gpg TDLo:1200 ug/kg (23-24D preg) ACEDAB 253,148,83

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:228 mg/kg NIIRDN 6,47,82

* ipr-rat LD50:24900 ug/kg NIIRDN 6,47,82

* scu-rat LD50:18600 ug/kg NIIRDN 6,47,82

* ivn-rat LD50:19200 ug/kg NIIRDN 6,47,82

* orl-mus LD50:186 mg/kg NIIRDN 6,47,82

* ipr-mus LD50:19800 ug/kg NIIRDN 6,47,82

* scu-mus LD50:26400 ug/kg NIIRDN 6,47,82

* ivn-mus LD50:21 mg/kg NIIRDN 6,47,82

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AJOGAH 113,130,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY4569900 CYCLOPENTANEHEPTANOIC ACID, 5-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-3-OXO-

UPDT:8402 CAS: 17968-82-0 MW: 354.54 MOLFM: C20-H34-O5

SYN: 5-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-3-OXOCYCLOPENTANEHEPTANOIC ACID * PGD1 * PROSTAGLANDIN D1 * PROST-13-EN-1-OIC ACID, 9,15-DIHYDROXY-11-OXO-, (9-alpha,13E,15S)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 scu-ham TDLo:8 mg/kg (4D preg) JMCMAR 26,790,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY4640000 CYCLOPENTANE, METHYL-

UPDT:8308 CAS: 96-37-7 MW: 84.18 MOLFM: C6-H12

SYN: CYCLOPENTANE, METHYL (DOT) * METHYLCYCLOPENTANE * METHYLCYCLOPENTANE (DOT) * UN 2298 (DOT)

TOXICITY DATA AND REFERENCES:

ihl-mus LCLo:95000 mg/m3 AEPPAE 149,116,30

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

CYCLOPENTANE, METHYL (DOT) see: GY4640000

CYCLOPENTANOHELVETICOSID (German) see: FH4715000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-[(3,4-OCYCLOPENTYLIDENE-2,6-DIDEOXY-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-

GY4702000 CYCLOPENTANOL

CAS: 96-41-3 MW: 86.15 MOLFM: C5-H10-O

SYN: CYCLOPENTANOL (DOT) * UN 2244 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

CYCLOPENTANOL (DOT) see: GY4702000

CYCLOPENTANOL, 1-(2-PROPYNYL)-, CARBAMATE see: FD1162000

GY4725000 CYCLOPENTANONE

UPDT:8312 CAS: 120-92-3 MW: 84.13 MOLFM: C5-H8-O

SYN: ADIPIC KETONE * CYCLOPENTANONE (DOT) * DUMASIN * KETOCYCLOPENTANE * KETOPENTAMETHYLENE * UN 2245 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H FCTXAV 17,271,79

skn-rbt 500 mg MLD FCTOD7 20,563,82

eye-rbt 100 mg SEV FCTOD7 20,573,82

eye-rbt 100 mg/4S rns SEV FCTOD7 20,573,82

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:1950 mg/kg COREAF 254,2245,62

scu-mus LDLo:2600 mg/kg AEXPBL 50,199,1903

scu-frg LDLo:3000 mg/kg AEXPBL 50,199,1903

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

CYCLOPENTANONE (DOT) see: GY4725000

CYCLOPENTANONE, 2-alpha, 3-alpha-EPITHIO-5-alpha-ANDROSTAN-17-beta-YL METHYL ACETAL see: BV8044500

GY4950000 CYCLOPENTANONE, 2-n-HEPTYL-

UPDT:8305 CAS: 137-03-1 MW: 182.34 MOLFM: C12-H22-O

SYN: alpha-HEPTYL CYCLOPENTANONE * 2-n-HEPTYL CYCLOPENTANONE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD FCTXAV 13,452,75

TOXICITY DATA AND REFERENCES:

* skn-rbt LD50:5000 mg/kg FCTXAV 13,452,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

GY4970000 CYCLOPENTANONE, 2-(2-HEXENYL)-

UPDT:8305 CAS: 34687-46-2 MW: 166.29 MOLFM: C11-H18-O

SYN: HEXENYL CYCLOPENTANONE * 2-(2-HEXENYL CYCLOPENTANONE)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 17,795,79

GY5120000 CYCLOPENTANONE, 2-METHYL-2-NITRO-, O-(METHYLCARBAMOYL)OXIME

UPDT:8309 CAS: 20417-84-9 MW: 215.24 MOLFM: C8-H13-N3-O4

SYN: ENT 27,303 * 2-METHYL-2-NITROCYCLOPENTANONE O-((METHYLAMINO)CARBONYL)OXIME * UC-23527 * UNION CARBIDE UC 23527

TOXICITY DATA AND REFERENCES:

orl-rat LD50:4 mg/kg ARSIM* 20,25,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5157000 CYCLOPENTANONE, 3-(2-OXOPROPYL)-2-PENTYL-

UPDT:8401 CAS: 40942-73-2 MW: 194.35 MOLFM: C13-H22-O

SYN: MAGNOLIONE * 3-(2-OXOPROPYL)-2-PENTYLCYCLOPENTANONE * PENTYLCYCLOPENTANONEPROPANONE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),795,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

GY5168000 CYCLOPENTANONE, 2-(2-PYRIDYLMETHYL)-

UPDT:8311 CAS: 13640-55-6 MW: 175.25 MOLFM: C11-H13-N-O

SYN: 2-(2-PYRIDYLMETHYL)CYCLOPENTANONE

TOXICITY DATA AND REFERENCES:

3A11F07F18 ipr-mus LD50:147 mg/kg JPMSAE 56,644,67

GY5168010 CYCLOPENTANONE, 2-(3-PYRIDYLMETHYL)-

UPDT:8311 CAS: 13640-52-3 MW: 175.25 MOLFM: C11-H13-N-O

SYN: 2-(3-PYRIDYLMETHYL)CYCLOPENTANONE

TOXICITY DATA AND REFERENCES:

1F13 ipr-mus LD50:147 mg/kg JPMSAE 56,644,67

GY5168020 CYCLOPENTANONE, 2-(4-PYRIDYLMETHYL)-

UPDT:8311 CAS: 13640-53-4 MW: 175.25 MOLFM: C11-H13-N-O

SYN: 2-(4-PYRIDYLMETHYL)CYCLOPENTANONE

TOXICITY DATA AND REFERENCES:

1F13 ipr-mus LD50:147 mg/kg JPMSAE 56,644,67

GY5168500 CYCLOPENTANONE, 2-(2-(PYRIDYLMETHYL)-, SEMICARBAZONE

UPDT:8311 CAS: 13642-30-3 MW: 232.32 MOLFM: C12-H16-N4-O

SYN: 2-(2-PYRIDYLMETHYL)CYCLOPENTANONE SEMICARBAZONE

TOXICITY DATA AND REFERENCES:

2A11F07 ipr-mus LD50:147 mg/kg JPMSAE 56,644,67

CYCLOPENTANO(c,d)PYRENE-3,4-cis-DIOL see: GY5855100

CYCLOPENTANO(c,d)PYRENE-3,4-OXIDE see: CU1600000

GY5270000 1H-CYCLOPENT(a)ANTHRACENE, 3-ETHYL-2,3-DIHYDRO-6-METHYL-

UPDT:8401 CAS: 5096-24-2 MW: 260.40 MOLFM: C20-H20

SYN: 2,3-DIHYDRO-3-ETHYL-6-METHYL 1H-CYCLOPENTA(a)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:

2V03R60 orl-rat TDLo:1000 mg/kg CNREA8 26,619,66

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:1000 mg/kg CNREA8 26,619,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5275000 CYCLOPENTA(a)PHENANTHRACEN-17-ONE, 15,16-DIHYDRO-11-HYDROXY-, ACETATE (ester)

UPDT:8401 MW: 290.33 MOLFM: C19-H14-O3

SYN: 11-ACETOXY-15,16-DIHYDROCYCLOPENTA(a)PHENANTHRACEN-17-ONE * CYCLOPENTA(a)PHENANTHRACEN-17-ONE 11-HYDROXY-15,16-DIHYDRO-, ACETATE (ester)

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10 skn-mus TDLo:108 mg/kg/1Y-I PEXTAR 11,69,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOPENTA(a)PHENANTHRACEN-17-ONE, 11-HYDROXY-15,16-DIHYDRO-, ACETATE (ester) see: GY5275000

CYCLOPENTAPHENANTHRENE see: GY5280000

GY5280000 4H-CYCLOPENTA(def)PHENANTHRENE

UPDT:8401 CAS: 203-64-5 MW: 190.25 MOLFM: C15-H10

SYN: CYCLOPENTAPHENANTHRENE

TUMORIGENIC DATA AND REFERENCES:

3V03M61R60 orl-rat TDLo:3000 mg/kg CNREA8 26,619,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5300000 15H-CYCLOPENTA(a)PHENANTHRENE, 16,17-DIHYDRO-11,12-DIMETHYL-

UPDT:8401 CAS: 63020-69-9 MW: 246.37 MOLFM: C19-H18

SYN: 3,4-DIMETHYL-1,2-CYCLOPENTENOPHENANTHRENE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10 skn-mus TDLo:1260 mg/kg/39W-I ARGEAR 6,1,53

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5350000 15H-CYCLOPENTA(a)PHENANTHRENE, 16,17-DIHYDRO-7-METHYL-

UPDT:8401 CAS: 63020-76-8 MW: 232.34 MOLFM: C18-H16

SYN: 10-METHYL-1,2-CYCLOPENTENOPHENANTHRENE

TUMORIGENIC DATA AND REFERENCES:

3V03A60V10 skn-mus TDLo:1200 mg/kg/37W-I ARGEAR 6,1,53

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5400000 15H-CYCLOPENTA(a)PHENANTHRENE, 16,17-DIHYDRO-11-METHYL-

UPDT:8401 CAS: 24684-41-1 MW: 232.34 MOLFM: C18-H16

SYN: 4-METHYL-1,2-CYCLOPENTENOPHENANTHRENE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10 skn-mus TDLo:1440 mg/kg/45W-I ARGEAR 6,1,53

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5650000 15H-CYCLOPENTA(a)PHENANTHRENE, 16,17-DIHYDRO-17-METHYLENE-
UPDT:8401 CAS: 5837-17-2 MW: 230.32 MOLFM: C18-H14
SYN: 16,17-DIHYDRO-17-METHYLENE-15H-CYCLOPENTA(a)PHENANTHRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 skn-mus TDLo:125 mg/kg/52W-I NATUAS 210,1281,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5670000 15H-CYCLOPENTA(a)PHENANTHRENE, 11,17-DIMETHYL-
UPDT:8401 CAS: 5831-10-7 MW: 244.35 MOLFM: C19-H16
SYN: 11,17-DIMETHYL-15H-CYCLOPENTA(a)PHENANTHRENE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:108 mg/kg/1Y-I PEXTAR 11,69,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5675000 15H-CYCLOPENTA(a)PHENANTHRENE, 12,17-DIMETHYL-
UPDT:8401 CAS: 5831-09-4 MW: 244.35 MOLFM: C19-H16
SYN: 12,17-DIMETHYL-15H-CYCLOPENTA(a)PHENANTHRENE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:108 mg/kg/1Y-I PEXTAR 11,69,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5680000 15H-CYCLOPENTA(a)PHENANTHRENE, 11,17-DIMETHYL-16,17-DIHYDRO-
UPDT:8401 CAS: 5831-16-3 MW: 245.36 MOLFM: C19-H17
SYN: 16,17-DIHYDRO-11,17-DIMETHYLCYCLOPENTA(a)PHENANTHRENE * 11,17-DIMETHYL-16,17-DIHYDRO-15H-CYCLOPENTA(a)PHENANTHRENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:108 mg/kg/1Y-I PEXTAR 11,69,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5685000 15H-CYCLOPENTA(a)PHENANTHRENE, 3-METHOXY-17-METHYL-
UPDT:8401 CAS: 5831-08-3 MW: 260.35 MOLFM: C19-H16-O
SYN: 3-METHOXY-17-METHYL-15H-CYCLOPENTAPHANTHRENE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:108 mg/kg/1Y-I PEXTAR 11,69,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5690000 15H-CYCLOPENTA(a)PHENANTHRENE, 11-METHOXY-17-METHYL-
UPDT:8401 CAS: 5831-12-9 MW: 260.35 MOLFM: C19-H16-O
SYN: 11-METHOXY-17-METHYL-15H-CYCLOPENTA(a)PHENANTHRENE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:108 mg/kg/1Y-I PEXTAR 11,69,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5695000 11H-CYCLOPENTA(a)PHENANTHRENE, 11-METHYL-
UPDT:8401 CAS: 36117-21-2 MW: 230.32 MOLFM: C18-H14
SYN: 11-METHYLCYCLOPENTA(a)PHENANTHRENE * 11-METHYL-11H-CYCLOPENTA(a)PHENANTHRENE

MUTATION DATA AND REFERENCES:
otr-ham:emb 5 mg/L NATUAS 235,278,72

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

GY5700000 15H-CYCLOPENTA(a)PHENANTHRENE, 17-METHYL-
UPDT:8401 CAS: 3353-08-0 MW: 230.32 MOLFM: C18-H14
SYN: 17-METHYL-15H-CYCLOPENTA(a)PHENANTHRENE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:
2V03V10 skn-mus TDLo:125 mg/kg/52W-I NATUAS 210,1281,66

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5703000 15H-CYCLOPENTA(a)PHENANTHRENE, 11,12,17-TRIMETHYL-
UPDT:8401 CAS: 5831-11-8 MW: 258.38 MOLFM: C20-H18
SYN: 11,12,17-TRIMETHYL-15H-CYCLOPENTA(a)PHENANTHRENE

MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:108 mg/kg/1Y-I PEXTAR 11,69,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5706000 15H-CYCLOPENTA(a)PHENANTHRENE, 11,12,17-TRIMETHYL-16,17-DIHYDRO-
UPDT:8401 CAS: 5831-17-4 MW: 259.39 MOLFM: C20-H19
SYN: 16,17-DIHYDRO-11,12,17-TRIMETHYLCYCLOPENTA(a)PHENANTHRENE * 11,12,17-TRIMETHYL-16,17-DIHYDRO-15H-CYCLOPENTA(a)PHENANTHRENE

TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:108 mg/kg/1Y-I PEXTAR 11,69,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5710000 17H-CYCLOPENTA(a)PHENANTHREN-17-OL, 15,16-DIHYDRO-11-METHYL
UPDT:8401 CAS: 40951-13-1 MW: 248.34 MOLFM: C18-H16-O
SYN: 15,16-DIHYDRO-11-METHYL-17H-CYCLOPENTA(a)PHENANTHREN-17-OL

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:91 mg/kg/38W-I CNREA8 33,832,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5710500 15H-CYCLOPENTA(a)PHENANTHREN-17(16H)-ONE
UPDT:8408 MW: 232.29 MOLFM: C17-H12-O

MUTATION DATA AND REFERENCES:
msc-hamlng 1 mg/L CNREA8 43,984,83

GY5711000 15H-CYCLOPENTA(a)PHENANTHREN-15-ONE, 16,17-DIHYDRO-
UPDT:8401 CAS: 32425-83-5 MW: 232.29 MOLFM: C17-H12-O
SYN: 16,17-DIHYDRO-15H-CYCLOPENTA(a)PHENANTHRENE-15-ONE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CNREA8 36,4525,76

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

GY5715000 CYCLOPENTA(a)PHENANTHREN-17-ONE, 15,16-DIHYDRO-11,12-DIMETHYL-
UPDT:8401 CAS: 894-52-0 MW: 260.35 MOLFM: C19-H16-O
SYN: CYCLOPENTA(a)PHENANTHREN-17-ONE, 11,12-DIMETHYL-15,16-DIHYDRO- * 15,16-DIHYDRO-11,12-DIMETHYLCYCLOPENTA(a)PHENANTHREN-17-ONE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:108 mg/kg/1Y-I PEXTAR 11,69,69
2V01R60 scu-mus TDLo:360 mg/kg PEXTAR 11,69,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5720000 CYCLOPENTA(a)PHENANTHREN-17-ONE, 15,16-DIHYDRO-11-ETHYL-
UPDT:8401 CAS: 42028-27-3 MW: 260.35 MOLFM: C19-H16-O
SYN: 15,16-DIHYDRO-11-ETHYLCYCLOPENTA(a)PHENANTHREN-17-ONE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:120 mg/kg/50W-I CNREA8 33,832,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5725000 17H-CYCLOPENTA(a)PHENANTHREN-17-ONE, 15,16-DIHYDRO-11-HYDROXYMETHYL-
UPDT:8401
SYN: 15,16-DIHYDRO-11-HYDROXYMETHYL-17H-CYCLOPENTA(a)PHENANTHREN-17-ONE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate CNREA8 40,882,80

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:16 mg/kg CNREA8 40,882,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5726000 17H-CYCLOPENTA(a)PHENANTHREN-17-ONE, 15,16-DIHYDRO-15-HYDROXY-11-METHYL-
UPDT:8401
SYN: 15,16-DIHYDRO-15-HYDROXY-11-METHYL-17H-CYCLOPENTA(a)PHENANTHREN-17-ONE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate CNREA8 40,882,80

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:16 mg/kg CNREA8 40,882,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5730000 17H-CYCLOPENTA(a)PHENANTHREN-17-ONE, 15,16-DIHYDRO-16-HYDROXY-11-METHYL-
UPDT:8401 CAS: 24684-56-8 MW: 262.32 MOLFM: C18-H14-O2
SYN: 15,16-DIHYDRO-16-HYDROXY-11-METHYLCYCLOPENTA(a)PHENANTHREN-17-ONE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate CNREA8 40,882,80

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:115 mg/kg/48W-I CNREA8 33,832,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5745000 CYCLOPENTA(a)PHENANTHREN-17-ONE, 15,16-DIHYDRO-11-METHOXY-
UPDT:8401 CAS: 5836-85-1 MW: 262.32 MOLFM: C18-H14-O2
SYN: CYCLOPENTA(a)PHENANTHREN-17-ONE, 11-METHOXY-15,16-DIHYDRO- * 15,16-DIHYDRO-11-METHOXYCYCLOPENTA(a)PHENANTHREN-17-ONE

TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:108 mg/kg/1Y-I PEXTAR 11,69,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5745500 17H-CYCLOPENTA(a)PHENANTHREN-17-ONE, 15,16-DIHYDRO-6-METHOXY-11-METHYL-
UPDT:8401 MW: 276.35 MOLFM: C19-H16-O2
SYN: 15,16-DIHYDRO-6-METHOXY-11-METHYL-17H-CYCLOPENTA(a)PHENANTHREN-17-ONE

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:120 mg/kg/50W-I CNREA8 33,832,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5750000 17H-CYCLOPENTA(a)PHENANTHREN-17-ONE, 15,16-DIHYDRO-11-METHOXY-7-METHYL-
UPDT:8401 CAS: 30835-61-1 MW: 276.35 MOLFM: C19-H16-O2
SYN: 15,16-DIHYDRO-11-METHOXY-7-METHYLCYCLOPENTA(a)PHENANTHREN-17-ONE

MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:96 mg/kg/40W-I CNREA8 33,832,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5752000 17(H)-CYCLOPENTA(a)PHENANTHREN-17-ONE, 15,16-DIHYDRO-3-METHYL-
UPDT:8310 MW: 246.32 MOLFM: C18-H14-O
SYN: 15,16-DIHYDRO-3-METHYLCYCLOPENTA(a)PHENANTHRENE-17-ONE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate PNASA6 72,5135,75

GY5758000 17H-CYCLOPENTA(a)PHENANTHREN-17-ONE, 15,16-DIHYDRO-7-METHYL-
UPDT:8401 CAS: 30835-65-5 MW: 246.32 MOLFM: C18-H14-O
SYN: 15,16-DIHYDRO-7-METHYLCYCLOPENTA(a)PHENANTHREN-17-ONE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:72 mg/kg/30W-I CNREA8 33,832,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5765000 CYCLOPENTA(a)PHENANTHREN-15-ONE, 16,17-DIHYDRO-11-METHYL-
UPDT:8401 CAS: 24684-42-2 MW: 246.32 MOLFM: C18-H14-O
SYN: 16,17-DIHYDRO-11-METHYLCYCLOPENTA(a)PHENANTHREN-15-ONE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CNREA8 36,4525,76

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:120 mg/kg/50W-I CNREA8 33,832,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5775000 17H-CYCLOPENTA(a)PHENANTHREN-17-ONE, 15,16-DIHYDRO-11-METHYL-
UPDT:8408 CAS: 892-17-1 MW: 246.32 MOLFM: C18-H14-O
SYN: 15,16-DIHYDRO-11-METHYLCYCLOPENTA(a)PHENANTHREN-17-ONE * 15,16-DIHYDRO-11-METHYL-17H-CYCLOPENTA(a)PHENANTHREN-17-ONE * 11-METHYL-15,16-DIHYDRO-17H-CYCLOPENTA(a)PHENANTHREN-17-ONE * 11-METHYL-15,16-DIHYDRO-17-OXOCYCLOPENTA(a)PHENANTHRENE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate CNREA8 40,882,80

BEST COPY AVAILABLE

dnd-esc 500 ug/L CNREA8 39,4160,79
dnd-sat-spr 500 ug/L CNREA8 39,4160,79
dnd-mus-ims 120 mg/kg CNREA8 41,4115,81
dnd-mus-ski 16 mg/kg CNREA8 39,4160,79
dnd-mus-oth 10 ug/L CNREA8 43,2261,83
dnd-mam-lym 500 ug/L CNREA8 39,4160,79

TUMORIGENIC DATA AND REFERENCES:
2V01R60 orl-rat TDLo:150 mg/kg BJCAAI 40,914,79
2V01V10 skn-mus TDLo:16 mg/kg BJCAAI 40,914,79
3V01R60V10 scu-mus TDLo:360 mg/kg PEXTAR 11,69,69
2V03V10 skn-mus TD :125 mg/kg/52W-I NATUAS 210,1281,66
3V01R60V10 scu-mus TD :2000 mg/kg PEXTAR 11,69,69
3V02R60V10 skn-mus TD :46 mg/kg/19W-I CNREA8 33,832,73
2V03V10 skn-mus TD :125 mg/kg/52W-I NATUAS 210,1281,66
3V01R60V10 skn-mus TD :200 mg/kg/50W-I BJCAAI 38,148,78
3V02R60V10 skn-mus TD :16 mg/kg/4D-C BJCAAI 38,148,78
3V02R60V10 skn-mus TD :120 mg/kg/30W-I CNREA8 43,2261,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOPENTA(a)PHENANTHREN-17-ONE, 11,12-DIMETHYL-15,16-DIHYDRO- see: GY5715000
CYCLOPENTA(a)PHENANTHREN-17-ONE, 11-METHOXY-15,16-DIHYDRO- see: GY5745000

GY5811000 15H-CYCLOPENTA(a)PHENANTHREN-17(16H)-ONE, 11-METHYL-
UPDT:8405 MW: 246.32 MOLFM: C18-H14-O
SYN: 15,16-DIHYDRO-11-METHYLCYCLOPENTA(a)PHENANTHRENE-17-ONE * 11-METHYL-15H-CYCLOPENTA(a)PHENANTHREN-17(16H)-ONE

MUTATION DATA AND REFERENCES:
sce-hmn-lym 10 umol/L CRNGDP 5,11,84
msc-ham-lng 500 ug/L CNREA8 43,984,83

GY5814000 CYCLOPENTA(7,8)PHENANTHRO(10,1-bc)FURAN-6,9-DIONE, 1,2,3,7,8,11b-HEXAHYDRO-1,3-DIHYDROXY- 11-b-METHYL-, (1R-(1-alpha,3-alpha,11b-alpha)-
UPDT:8305 CAS: 56617-66-4 MW: 324.35 MOLFM: C19-H16-O5
SYN: DEMETHOXYVIRIDIOL * DESMETHOXYVIRIDIOL

TOXICITY DATA AND REFERENCES:
* orl-brd LD50:4200 ug/kg 41KEAL -,108,78

CYCLOPENTA(c)PYRAN-7-CARBOXALDEHYDE, 4-((ACETYLOXY)METHYL)- (9CI) see: GY5825000

GY5820000 CYCLOPENTA(c)PYRAN-7-CARBOXALDEHYDE, 4-(HYDROXYMETHYL)-
UPDT:8312 CAS: 71013-42-8 MW: 176.18 MOLFM: C10-H8-O3
SYN: DESACYLBALDRINAL * 4-(HYDROXYMETHYL)CYCLOPENTA(c)PYRAN-7-CARBOXALDEHYDE

TOXICITY DATA AND REFERENCES:
1F25 ipr-mus LD50:400 mg/kg ARPMAS 315,691,82

GY5825000 CYCLOPENTA(c)PYRAN-7-CARBOXALDEHYDE, 4-(HYDROXYMETHYL)-, ACETATE
UPDT:8312 CAS: 18234-46-3 MW: 218.22 MOLFM: C12-H10-O4
SYN: BALDRINAL * CYCLOPENTA(c)PYRAN-7-CARBOXALDEHYDE, 4-((ACETYLOXY)METHYL)- (9CI) * 4-(HYDROXYMETHYL)CYCLOPENTA(c)PYRAN-7-CARBOXALDEHYDE ACETATE

TOXICITY DATA AND REFERENCES:
1F25 ipr-mus LD50:465 mg/kg ARPMAS 315,691,82

GY5828000 CYCLOPENTA(c)PYRAN-4-CARBOXYLIC ACID, 1,4a-alpha,5,7a-alpha-TETRAHYDRO-1-HYDROXY-7- (HYDROXYMETHYL)-, METHYL ESTER
UPDT:8406 CAS: 6902-77-8 MW: 226.25 MOLFM: C11-H14-O5
SYN: GENIPIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:1750 mg/kg (35D male) OYYAA2 19,259,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5836000 CYCLOPENTA(c)PYRAN-3(1H)-ONE, 4,4a-alpha,5,6,7,7a-alpha-HEXAHYDRO-4-alpha,7-alpha-DIMETHYL-
UPDT:8308 CAS: 1436-62-0 MW: 168.26 MOLFM: C10-H16-O2
SYN: 4,4a-alpha,5,6,7,7a-alpha-HEXAHYDRO-4-alpha,7-alpha-DIMETHYLCYCLOPENTA(c)PYRAN-3(1H)-ONE * ISOIRRIDOMYRMERCIN

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1000 mg/kg 85GDA2 9,173,82

GY5836200 CYCLOPENTA(c)PYRAN-3(1H)-ONE, 4,4a-alpha,5,6,7,7a-alpha-HEXAHYDRO-4-beta,7-alpha-DIMETHYL-
UPDT:8308 MW: 168.26 MOLFM: C10-H16-O2
SYN: 4,4a-alpha,5,6,7,7a-alpha-HEXAHYDRO-4-beta,7-alpha-DIMETHYLCYCLOPENTA(c)PYRAN-3(1H)-ONE * IRRIDOMYRMERCIN

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1000 mg/kg 85GDA2 9,173,82

GY5840000 CYCLOPENTA(c)PYRAN-1-(4aH)-ONE, 5,6,7,7a-TETRAHYDRO-4,7-DIMETHYL-
UPDT:8303 CAS: 490-10-8 MW: 166.24 MOLFM: C10-H14-O2
SYN: MD(sub 1; 84 * NEPETALACTONE * 5,6,7,7a-TETRAHYDRO-4,7-DIMETHYL-CYCLOPENTA(c)PYRAN-1(4aH)-ONE

TOXICITY DATA AND REFERENCES:
3F05F07F19 ipr-mus LD50:1550 mg/kg LLOYA2 41,367,78

GY5850000 CYCLOPENTA(cd)PYRENE
UPDT:8403 CAS: 27208-37-3 MW: 226.28 MOLFM: C18-H10
SYN: ACEPYRENE * ACEPYRYLENE * CYCLOPENTENO(c,d)PYRENE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate PNASA6 75,1667,78
mma-sat 1 ug/plate PNASA6 75,1667,78
mma-hmn-lym 4 mg/L JJIND8 63,309,79
msc-hmn-lym 80 nmol/L ENMUDM 4,304,82
otr-mus-fbr 300 ug/L CNREA8 40,4482,80
otr-mus-emb 300 ug/L EVSRBT 22,445,81
msc-mus-lym 1200 ug/L CNREA8 40,4482,80
msc-ham-lng 300 ug/L CRNGDP 3,763,82

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:9051 ug/kg CNREA8 40,642,80
2V03V10 scu-mus TDLo:260 mg/kg HLSCAE 9,32,72

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 32,269,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY5855000 CYCLOPENTA(cd)PYRENE, 3,4-DIHYDRO-
UPDT:8308 CAS: 25732-74-5 MW: 228.30 MOLFM: C18-H12
SYN: CYCLOPENTANO(c,d)PYRENE * 3,4-DIHYDROCYCLOPENTA(cd)PYRENE * 3,4-DIMETHYLENEPYRENE

MUTATION DATA AND REFERENCES:
msc-hmn-lym 40 umol/L DTESD7 10,277,82

GY5855100 CYCLOPENTA(cd)PYRENE-3,4-DIOL, 3,4-DIHYDRO-, cis-
UPDT:8308 CAS: 72273-59-7 MW: 260.30 MOLFM: C18-H12-O2
SYN: CYCLOPENTANO(c,d)PYRENE-3,4-cis-DIOL * cis-3,4-DIHYDROCYCLOPENTA(cd)PYRENE 3,4-DIOL

MUTATION DATA AND REFERENCES:
msc-hmn-lym 6 umol/L DTESD7 10,277,82

GY5860000 CYCLOPENTA(cd)PYRENE, 3,4-DIHYDRO-3,4-EPOXY-
UPDT:8306 MW: 242.28 MOLFM: C18-H10-O
SYN: CPP 3,4-OXIDE * CYCLOPENTA(cd)PYRENE 3,4-OXIDE

MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate CNREA8 40,3940,80
mma-sat 100 ng/plate CNREA8 40,3940,80
otr-mus-fbr 3 mg/L CNREA8 40,4482,80
otr-mus-emb 300 ug/L EVSRBT 22,445,81
msc-mus-lym 600 ug/L CNREA8 40,4482,80

CYCLOPENTA(cd)PYRENE 3,4-OXIDE see: GY5860000

GY5868000 CYCLOPENTA(c)PYRIDO(3,2-a)CARBAZOLE, 1,2,3,8-TETRAHYDRO-
UPDT:8405 CAS: 69477-65-5 MW: 258.34 MOLFM: C18-H14-N2
SYN: LYS-P-1 * 1,2,3,8-TETRAHYDROCYCLOPENTA(c)PYRIDO(3,2-a)CARBAZOLE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate PNASA6 76,5929,79
msc-ham-lng 10 mg/L TOLED5 17,23,83

GY5898000 4H-CYCLOPENTA(b)QUINOLI 'E-4-ACETIC ACID, 1,2,3,5,6,7,8,9-OCTAHYDRO- 9-(3,4,5-TRIMETHOXY PHENYL)-2,6,6-TRIMETHYL-1,3,8-TRIOXO-
UPDT:8306 CAS: 78050-79-0 MW: 483.56 MOLFM: C26-H29-N-O8

TOXICITY DATA AND REFERENCES:
2E15H03 ipr-mus LD50:1000 mg/kg PCJOAU 15,17,81

GY5899000 1H-CYCLOPENTA(b)QUINOLINE, 2,3-DIHYDRO-9-AMINO-
UPDT:8408 MW: 184.26 MOLFM: C12-H12-N2
SYN: 9-AMINO-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE

TOXICITY DATA AND REFERENCES:
unk-mam LD50:17 mg/kg PCJOAU 8,409,74

GY5899100 1H-CYCLOPENTA(b)QUINOLINE, 2,3-DIHYDRO-9-AMINO-7-BROMO-
UPDT:8408 MW: 263.16 MOLFM: C12-H11-Br-N2
SYN: 9-AMINO-7-BROMO-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE

TOXICITY DATA AND REFERENCES:
unk-mam LD50:17 mg/kg PCJOAU 8,409,74

GY5899200 1H-CYCLOPENTA(b)QUINOLINE, 2,3-DIHYDRO-9-AMINO-5-CHLORO-
UPDT:8408 MW: 218.70 MOLFM: C12-H11-Cl-N2
SYN: 9-AMINO-5-CHLORO-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE

TOXICITY DATA AND REFERENCES:
2F06F25 unk-mus LD50:17 mg/kg PCJOAU 8,409,74

GY5899300 1H-CYCLOPENTA(b)QUINOLINE, 2,3-DIHYDRO-9-AMINO-7-METHOXY-
UPDT:8408 MW: 214.29 MOLFM: C13-H14-N2-O
SYN: 9-AMINO-7-METHOXY-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE

TOXICITY DATA AND REFERENCES:
2F06F25 unk-mus LD50:17 mg/kg PCJOAU 8,409,74

GY5899400 1H-CYCLOPENTA(b)QUINOLINE, 2,3-DIHYDRO-9-AMINO-5-METHYL-
UPDT:8408 MW: 198.29 MOLFM: C13-H14-N2
SYN: 9-AMINO-5-METHYL-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE

TOXICITY DATA AND REFERENCES:
2F06F25 unk-mus LD50:17 mg/kg PCJOAU 8,409,74

GY5899450 1H-CYCLOPENTA(b)QUINOLINE, 2,3-DIHYDRO-9-AMINO-7-METHYL-
UPDT:8408 MW: 198.29 MOLFM: C13-H14-N2
SYN: 9-AMINO-7-METHYL-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE

TOXICITY DATA AND REFERENCES:
2F06F25 unk-mus LD50:17 mg/kg PCJOAU 8,409,74

GY5899700 1H-CYCLOPENTA(b)QUINOLINE, 2,3-DIHYDRO-3-ETHYL-9-MORPHOLINO-, MONOHYDROCHLORIDE
UPDT:8408 MW: 318.88 MOLFM: C18-H22-N2-O Cl-H
SYN: COMPOUND 65-127 * 3-ETHYL-9-MORPHOLINO-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE MONOHYDROCHLORIDE * 4-(4-MORPHOLINYL)-2,3-PENTAMETHYLENEQUINOLINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3A11F12F23 ivn-cat LDLo:12500 ug/kg IJEBA6 19,1077,81

GY5930000 1H-CYCLOPENTA(b)QUINOLINE-1,3,8(2H,5H)-TRIONE, 4,6,7,9-TETRAHYDRO- 9-(3,4,5-TRIMETHOXYPHENYL)-2,6,6-TRIMETHYL-
UPDT:8306 CAS: 34947-51-8 MW: 425.52 MOLFM: C24-H27-N-O6

TOXICITY DATA AND REFERENCES:
2E15H03 ipr-mus LD50:209 mg/kg PCJOAU 15,17,81

GY5946450 6H-CYCLOPENTA(e)-s-TRIAZOLO(4,3-b)PYRIDAZINE, 7,8-DIHYDRO-9-METHYLAMINO-
UPDT:8305 MW: 189.25 MOLFM: C9-H11-N5
SYN: 7,8-DIHYDRO-9-METHYLAMINO-6H-CYCLOPENTA(e)-s-TRIAZOLO(4,3-b)PYRIDAZINE * 189 P * TRIMETHYLENE 6-7 METHYLAMINO 8 s.TRIAZOLO(4-3b)PYRIDAZINE (French)

TOXICITY DATA AND REFERENCES:
2J25P30 scu-mus LDLo:20800 ug/kg AIPTAK 121,154,59
2J25P30 ivn-mus LDLo:18800 ug/kg AIPTAK 121,154,59

GY5950000 CYCLOPENTENE
UPDT:8312 CAS: 142-29-0 MW: 68.13 MOLFM: C5-H8
SYN: CYCLOPENTENE (DOT) * UN 2246 (DOT)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1656 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:1231 mg/kg AIHAAP 30,470,69

STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE LIQUID, LABEL-FLAMMABLE LIQUID CFRGBR 49,172,102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CYCLOPENTENE (DOT) see: GY5950000

GY5977900 3-CYCLOPENTENE-1-HEPTANOIC ACID, 2-(3-HYDROXY-1-OCTENYL)-5-OXO-
UPDT:8408 CAS: 14152-28-4 MW: 336.52 MOLFM: C20-H32-O4
SYN: PGA1 * PGA(sub 1) * PGA(sup 1) * PROSTA-10,13-DIEN-1-OIC ACID, 15-HYDROXY-9-OXO-, (13E,15S)- (9CI) * PROSTAGLANDIN A1 * PROSTAGLANDIN A(sub 1) * PROSTAGLANDIN A(sup 1) * PROSTAGLANDIN E(sup 1) 217

MUTATION DATA AND REFERENCES:
oms-hmn-oth 2500 ug/L CNREA8 43,513,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ivg-rat TDLo:169 ug/kg (17D preg) ACATA5 95,40,76
3T43T53T59 ivg-rat TDLo:169 ug/kg (17D preg) ACATA5 95,40,76
1T35 scu-mus TDLo:10 mg/kg (16D preg) PRGLBA 1,191,72
1T27 scu-mus TDLo:40 mg/kg (16D preg) PRGLBA 1,191,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY6440000 2-CYCLOPENTENE-1-UNDECANOIC ACID, SODIUM SALT, (+)-
UPDT:8408 MW: 275.43 MOLFM: C16-H28-O2 Na
SYN: ALEPOL * HYDNOCARPATE SODIUM * HYDNOCARPIC ACID SODIUM SALT * SODIUM GYNOCARDATE * SODIUM HYDNOCARPATE

TOXICITY DATA AND REFERENCES:
* ivn-rat LDLo:100 mg/kg MEIEDD 10,689,83

1,2-CYCLOPENTENO-5-10-ACEANTHRENE see: GY0800000
5,6-CYCLOPENTENO-1,2-BENZANTHRACENE see: DE8650000
6,7-CYCLOPENTENO-1,2-BENZANTHRACENE see: DE8575000

GY7050000 CYCLOPENTENONE
UPDT:8406 CAS: 28982-58-3 MW: 82.11 MOLFM: C5-H6-O

MUTATION DATA AND REFERENCES:
dni-mus-ast 2143 umol/L JPMSAE 67,1235,78

GY7280000 2-CYCLOPENTEN-1-ONE, 2,3-DIMETHYL-5-METHYLENE-
UPDT:8405 CAS: 52775-77-6 MW: 122.18 MOLFM: C8-H10-O
SYN: 2,3-DIMETHYL-5-METHYLENE-2-CYCLOPENTEN-1-ONE * METHYLENOMYCIN B

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:260 mg/kg 85GDA2 6,45,81
* ipr-mus LD50:245 mg/kg 85GDA2 6,45,81

BEST COPY AVAILABLE

GY7290000 2-CYCLOPENTEN-1-ONE, 2-HEXYL-
UPDT:8305 CAS: 95-41-0 MW: 166.29 MOLFM: C11-H18-O
SYN: DIHYDRO-ISOJASMONE * 2-n-HEXYL-2-CYCLOPENTEN-1-ONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,713,78
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 mg/kg CSLNX* NX#00920
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GY7298000 2-CYCLOPENTEN-1-ONE, 2-HYDROXY-3-METHYL-
UPDT:8305 CAS: 80-71-7 MW: 112.14 MOLFM: C6-H8-O2
SYN: CORYLON * CORYLONE * CYCLOTEN * CYCLOTENE * 2-HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE * MAPLE LACTONE * 3-METHYLCYCLOPENTANE-1,2-DIONE * METHYLCYCLOPENTENOLONE
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:500 mg/kg FCTXAV 14,809,76
* ipr-mus LDLo:500 mg/kg FCTXAV 14,809,76
* orl-gpg LD50:1400 mg/kg FCTXAV 14,809,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GY7301000 2-CYCLOPENTEN-1-ONE, 3-METHYL-2-(2-PENTENYL)-, (Z)-
UPDT:8305 CAS: 488-10-8 MW: 164.27 MOLFM: C11-H16-O
SYN: JASMONE * cis-JASMONE * (Z)-JASMONE * 3-METHYL-2-(cis-2-PENTEN-1-YL)-2-CYCLOPENTEN-1-ONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,845,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg FCTXAV 17,845,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GY7302000 2-CYCLOPENTEN-1-ONE, 3-METHYL-2-PENTYL-
UPDT:8305 CAS: 1128-08-1 MW: 166.29 MOLFM: C11-H18-O
SYN: DIHYDROJASMONE * 3-METHYL-2-(n-PENTANYL)-2-CYCLOPENTEN-1-ONE * 2-PENTYL-3-METHYL-2-CYCLOPENTEN-1-ONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 12,923,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CYCLOPENTENO(c,d)PYRENE see: GY5850000
1-(2-CYCLOPENTENYLMETHYL)-6,7-DIETHOXYTETRAHYDROISOQUINOLINE HYDROCHLORIDE see: NX4998300
CYCLOPENTHIAZIDE see: DK8750000
CYCLOPENTIMINE see: TM3500000

GY8101600 1H-CYCLOPENT(b)INDOLIZINIUM, DECAHYDRO-4-METHYL-, IODIDE
UPDT:8404 CAS: 13698-33-4 MW: 307.25 MOLFM: C12-H22-N-I
SYN: 4-METHYLDECAHYDRO-1H-CYCLOPENT(b)INDOLIZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
1F1B ipr-mus LD50:26 mg/kg JPMSAE 56,644,57

GY8420000 5H-CYCLOPENT(e)OXACYCLOTRIDECIN-5-ONE, 3,6,7,8,11,11a,12,13,14,14a-DECAHYDRO- 12,14-DIHYDROXY-3-(PHENOXYMETHYL)-, (3R-(1E,3R*,9Z,11aR*,12S*,14R*,14aR*))
UPDT:8401 CAS: 62411-17-0 MW: 372.50 MOLFM: C22-H28-O5
SYN: 16-PHENOXY-17,18,19,20-TETRANOR-PGF2-alpha 1,15-LACTONE * 16-PHENOXY-17,18,19,20-TETRANOR-PROSTAGLANDIN F2-alpha 1,15-LACTONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-ham TDLo:800 ng/kg (4D preg) JMCMAR 26,1089,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY8421000 5H-CYCLOPENT(e)OXACYCLOTRIDECIN-5-ONE, 3,6,7,8,11,11a,12,13,14,14a-DECAHYDRO-3-(2-PHENYLETHYL)-, (3S-(1E,3R*,9Z,11aS*,12R*,14S*,14aS*))-
UPDT:8401 CAS: 62411-15-8 MW: 370.53 MOLFM: C23-H30-O4
SYN: 17-PHENYL-18,19,20-TRINOR-PGF2-alpha 1,15-LACTONE * 17-PHENYL-18,19,20-TRINOR-PROSTAGLANDIN F2-alpha 1,15-LACTONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-ham TDLo:80 ug/kg (4D preg) JMCMAR 26,1089,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY8422000 3H-CYCLOPENT(e)OXACYCLOTRIDECIN-5,12-DIONE, 6,7,8,11,11a,13,14,14a-OCTAHYDRO-14-HYDROXY- 3-(2-PHENYLETHYL)-, (3S-(1E,3R*,8Z,11aS*,14S*,14aS*))-
UPDT:8401 CAS: 62411-16-9 MW: 368.51 MOLFM: C23-H28-O4
SYN: 17-PHENYL-18,19,20-TRINOR-PGE2 1,15-LACTONE * 17-PHENYL-18,19,20-TRINOR-PROSTAGLANDIN E2 1,15-LACTONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-ham TDLo:8 mg/kg (4D preg) JMCMAR 26,1089,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY8423000 3H-CYCLOPENT(b)OXECIN-2-ONE, 4,5,8,8a,9,10,11,11a-OCTAHYDRO-10-HYDROXY-9-(3-HYDROXY- 3-METHYL-4-PHENYL-1-BUTENYL)-
UPDT:8401 CAS: 857-61-26-9 MW: 370.53 MOLFM: C23-H30-O4
SYN: (15S)-15-METHYL-17-PHENYL-18,19,20-TRINOR-PGF2-alpha 1,9-LACTONE * (15S)-15-METHYL-17-PHENYL-18,19,20-TRINOR-PROSTAGLANDIN F2-alpha 1,9-LACTONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-ham TDLo:400 ug/kg (4D preg) JMCMAR 26,1089,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GY8430000 CYCLOPENT(b)OXIRENO(c)PYRIDINE, 7-ETHYLIDENE-1a,2,3,7-TETRAHYDRO-, (E)-
UPDT:8309 CAS: 23846-85-7 MW: 161.22 MOLFM: C10-H11-N-O
SYN: ABACOVIROMYCIN * ABIKOVIROMYCIN * ANTIBIOTIC SF-973 A * 4,4a-EPOXY-5-ETHYLIDENE-2,3,4,4a-TETRAHYDRO-5H-1-PYRIDINE * (E)-7-ETHYLIDENE-1a,2,3,7-TETRAHYDROCYCLOPENT(b)OXIRENO(c)PYRIDINE * LATUMCIDIN
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:83 mg/kg 85GDA2 5,105,81
ivn-mus LD50:7 mg/kg JMJOAY 4,331,51
* unk-mus LD50:17300 ug/kg 85FZAT -,375,67

2-(CYCLOPENTYLAMINO)-3',4'-DIHYDROXY-ACETOPHENONE HYDROCHLORIDE see: AM6914800
3-CYCLOPENTYL-CYCLOBUTANECARBOXYLIC ACID see: GU1345200
N-CYCLOPENTYL-9,10-DIDEHYDRO-6-METHYL-ERGOLINE-8-beta-CARBOXAMIDE MALEATE see: KE2860000
3-CYCLOPENTYL ENOL ETHER of NORETHINDRONE ACETATE see: RC8899900
1-(p-CYCLOPENTYL-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)PYRIDINIUM BROMIDE see: UU3874140PYRIDINIUM, 1-(p-CYCLOPENTYL-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)-, BROMIDE
1-(4-(2-(CYCLOPENTYLMETHOXY)ETHYL)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL FUMARATE see: UA9816000 2-PROPANOL, 1-(4-(2-(CYCLOPENTYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, (E)-2-BUTENEDIOATE (2:1) (salt)
4-CYCLOPENTYLMETHYLBENZOIC ACID see: DG5791000
1-(CYCLOPENTYLMETHYL)-6,7-DIETHOXYTETRAHYDROISOQUINOLINE HYDROCHLORIDE see: NX4998400
3-CYCLOPENTYLMETHYL HYDROCHLOROTHIAZIDE DERIV see: DK8750000
1-CYCLOPENTYL-3-METHYL-3-NITROSOUREA see: YS7892000
N-CYCLOPENTYL NORADRENALONE HYDROCHLORIDE see: AM6914800
1-CYCLOPENTYLOXY-3-AMINO-2-PROPANOL see: UA5794000 2-PROPANOL, 1-AMINO-3-(CYCLOPENTYLOXY)-CYCLOPENTYL-beta-(OCTYLOXY)PHENETHYL)-, BROMIDE
3-(CYCLOPENTYLOXY)-8-AZA-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL see: CL9470000
3-(CYCLOPENTYLOXY)ESTRA-1,3,5(10)-TRIENE-16-alpha,17-beta-DIOL see: KG7395000
3-(CYCLOPENTYLOXY)ESTRA-1,3,5(10)-TRIENE-16-alpha,17-alpha-DIOL DIACETATE see: KG7397000
3-(CYCLOPENTYLOXY)ESTRA-1,3,5(10)-TRIENE-16-alpha,17-alpha-DIOL DIPROPIONATE see: KG7397500
1-CYCLOPENTYLOXY-3-ISOPROPYLAMINO-2-PROPANOL MALEATE see: UA9818000
3-(CYCLOPENTYLOXY)-19-NOR-17-alpha-PREGNA-3,5-DIEN-20-YN-17-OL ACETATE see: RC8899900
3-(CYCLOPENTYLOXY)-19-NOR-17-alpha-PREGNA-3,5-DIEN-20-YN-17-OL ACETATE (ester) see: RC8899900
3-(CYCLOPENTYLOXY)-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL see: RC8948000
3-(CYCLOPENTYLOXY)-19-NOR-17-alpha-PREGN-4-EN-20-YN-17-beta-OL ACETATE (ester) see: RC8964440
3-(CYCLOPENTYLOXY)-15-OXAESTRA-1,3,5(10)-TRIEN-17-ONE see: RO1020000
1-(p-CYCLOPENTYL-beta(PENTYLOXY)PHENETHYL)PYRIDINIUM BROMIDE see: UU3874180 PYRIDINIUM, 1-(p-CYCLOPENTYL-beta-(PENTYLOXY)PHENETHYL)-, BROMIDE
alpha-CYCLOPENTYL-alpha-PHENYL-1-PIPERIDINEBUTYRAMIDE OXALATE DIHYDRATE see: TM5073200
alpha-CYCLOPENTYL-alpha-PHENYL-1-PIPERIDINEBUTYRONITRILE OXALATE see: TM5659000
alpha-CYCLOPENTYL-2-THIOPHENEG YCOLATE DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE see: BP7525000
CYCLOPHENYL see: GO7550000
CYCLOPHIL SX530 see: ZE5100000
CYCLOPHOSPHAMID see: RP5950000
CYCLOPHOSPHAMIDE see: RP5950000
CYCLOPHOSPHAMIDE-4-d2 see: RP5788675
CYCLOPHOSPHAMIDE-4,6-d4 see: RP5788670
CYCLOPHOSPHAMIDE-5-d2 see: RP5788680
CYCLOPHOSPHAMIDUM see: RP5950000
CYCLOPHOSPHAN see: RP5950000
CYCLOPHOSPHANE see: RP5950000
CYCLOPHOSPHORAMIDE see: RP5950000
CYCLOPIAZONIC ACID see: UY8587000
alpha-CYCLOPIAZONIC ACID see: UY8587000
CYCLOPRATE see: GZ2010000

GZ0590020 9,19-CYCLO-5-alpha,9-beta-PREGNAN-16-alpha-OL, 14-METHYL-3-beta,20-alpha-BIS(METHYLAMINO)-4- METHYLENE-
UPDT:8308 CAS: 2244-70-9 MW: 374.68 MOLFM: C24-H42-N2-O
SYN: CYCLOBUXINE D * NSC-102245
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:300 mg/kg 85GDA2 8(2),217,82

GZ0590030 9,19-CYCLO-5-alpha,9-beta-PREGNAN-16-alpha-OL, 4,4,14-TRIMETHYL-3-beta,20-alpha-BIS (METHYLAMINO)-
UPDT:8403 CAS: 860-79-7 MW: 402.74 MOLFM: C26-H46-N2-O
SYN: BEBUXINE * CYCLOVIROBUXIN D * CYCLOVIROBUXINE * CYCLOVIROBUXINE D
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:293 mg/kg CYLPDN 3,101,84
* ipr-mus LD50:9200 ug/kg CYLPDN 3,101,82
* ivn-mus LD50:8900 ug/kg CYLPDN 3,101,82

GZ0590050 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-OL, 1,1a-beta,1b-alpha,4,4a,7a-beta,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-beta,9-alpha,9a-beta-TETRAHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8-beta- TETRAMETHYL-, 9a-ACETATE 9-MYRISTATE
UPDT:8307 MW: 618.94 MOLFM: C36-H58-O8
SYN: PHMA * PHORBOLOL ACETATE MYRISTATE * PHORBOLOL MYRISTATE ACETATE * TPA-3-beta-OL
IRRITATION DATA AND REFERENCES:
skn-mus 29 ng MLD CCSUDL 2,11,78

GZ0590200 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-3-(ACETOXYMETHYL)-1,1,6,8-alpha-TETRAMETHYL-4a-beta,7b-alpha 9a-alpha-TRIHYDROXY-, 9a-DECADIENOATE
UPDT:8408 MW: 540.76 MOLFM: C32-H44-O7
SYN: 12-DEOXY-PHORBOL 20-ACETATE-13-DECADIENOATE * 12-DEOXY-PHORBOL-13-DECDIENOATE 20-ACETATE
IRRITATION DATA AND REFERENCES:
skn-mus 1100 ng/4H APTOA6 37,250,75
skn-mus 3500 ng/24H APTOA6 37,250,75

GZ0590500 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-3-(ACETOXYMETHYL)-1,1,6,8-alpha-TETRAMETHYL-4a-beta,7b-alpha,9a-alpha-TRIHYDROXY-, DODECADIENOATE
UPDT:8408 MW: 568.82 MOLFM: C34-H48-O7
SYN: 12-DEOXY-PHORBOL 20-ACETATE-13-DODECADIENOATE * 12-DEOXY-PHORBOL-13-DODECDIENOATE-20-ACETATE
IRRITATION DATA AND REFERENCES:
skn-mus 120 ng/4H APTOA6 37,250,75
skn-mus 1100 ng/24H APTOA6 37,250,75

GZ0591900 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-3-FORMYL-4a-beta,7b-beta,9-beta,9a-alpha-TETRAHYDROXY-1,1,6,8-alpha-TETRAMETHYL-, 9a-ACETATE, 9-MYRISTATE
UPDT:8401 MW: 598.90 MOLFM: C36-H54-O7
SYN: PAMA * PHORBOL-9-MYRISTATE-9a-ACETATE-3-ALDEHYDE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:32 mg/kg/27W-I CNREA8 39,2644,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0591910 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-3-HYDROXYMETHYL-4a-alpha,7b-alpha,9-beta,9a-alpha-TETRAHYDROXY-1,1,6,8-alpha- TETRAMETHYL-, 9a-ACETATE, 9-TETRADECA-2,4,6,8-TETRAENOATE (2Z,4E)
UPDT:8401 MW: 608.84 MOLFM: C36-H48-O8
SYN: 12-O-TETRADECA-2-cis,4-trans,6,8-TETRAENOYLPHORBOL-13 ACETATE * TI-8
MUTATION DATA AND REFERENCES:
dns-mus-skn 400 nmol/kg RCOCB8 24,533,79
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:19 mg/kg/48W-I CNREA8 39,4183,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0594000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-4a-beta-METHOXY-7b-alpha,9-beta,9a-alpha-TRIHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8a- TETRAMETHYL-, 9a-ACETATE, 9-TETRADECANOATE
UPDT:840 CAS: 57716-89-9 MW: 616.92 MOLFM: C36-H56-O8
SYN: 4-O-METHYL-12-O-TETRADECANOYLPHORBOL-13-ACETATE * 4-O-METHYL TPA
MUTATION DATA AND REFERENCES:
dns-mus-skn 4 umol/kg RCOCB8 24,533,79

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

dns-gpg:oth 4 umol/L CNREA8 42,1975,82
dni-gpg:oth 4 umol/L CNREA8 42,1975,82

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

GZ0600000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-beta,1b-alpha,4,4a,7a-beta,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-alpha,9-beta,9a-alpha-TETRAHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8-alpha- TETRAMETHYL-
UPDT:8401 CAS: 17673-25-5 MW: 363.47 MOLFM: C20-H27-O6
SYN: PHORBOL

IRRITATION DATA AND REFERENCES:
skn-mus 36 mg MLD PLMEAA 22,241,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 scu-mus TDLo:64 mg/kg (2D post) PSEBAA 165,394,80

TUMORIGENIC DATA AND REFERENCES:
2V01P61 ipr-mus TDLo:400 mg/kg/25W CNREA8 30,2744,70
3V03J60L60 ipr-mus TD :284 mg/kg/39W-I JCROD7 95,19,79

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0616000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-alpha,9-beta,9a-alpha-TETRAHYDROXY-3-HYDROXYMETHYL-1,1,6,8-alpha- TETRAMETHYL-, 9-ACETATE, 9a-DECA-(DELTA-2)-ENOATE
UPDT:8401 MW: 557.77 MOLFM: C32-H45-O8
SYN: 12-O-ACETYL-PHORBOL-13-DECA-(DELTA-2)-ENOATE

IRRITATION DATA AND REFERENCES:
skn-mus 50 ug MLD PLMEAA 22,241,72

TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:107 gm/kg/12W-I PLMEAA 22,241,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0617000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-beta,1b-alpha,4,4a,7a-beta,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-beta,9-alpha,9a-beta-TETRAHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8-beta- TETRAMETHYL-, 9-ACETATE 9a-DECANOATE
UPDT:8401 CAS: 16561-28-7 MW: 560.80 MOLFM: C32-H48-O8
SYN: 12-O-ACETYL-PHORBOL-13-DECANOATE * PHORBOL ACETATE, CAPRATE

IRRITATION DATA AND REFERENCES:
skn-mus 49 ug MLD PLMEAA 22,241,72

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:26 mg/kg/32W-I NATWAY 54,282,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0620000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a,1b,4,4a,7a,7b,8,9,9a-DECAHYDRO-4a,7-beta, 9,9a-TETRAHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8-TETRAMETHYL-, 9-ACETATE 9a-LAURATE
UPDT:8401 CAS: 16675-05-1 MW: 588.86 MOLFM: C34-H52-O8
SYN: PHORBOL ACETATE LAURATE * PHORBOL MONOACETATE MONOLAURATE

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:20 mg/kg/25W-I NATWAY 54,282,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0630000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-beta,1b-alpha,4,4a,7a-beta,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-beta,9-alpha,9a-beta-TETRAHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8-beta- TETRAMETHYL-, 9a-ACETATE 9-MYRISTATE
UPDT:8408 CAS: 16561-29-8 MW: 616.92 MOLFM: C36-H56-O8
SYN: PENTAHYDROXY-TIGLIADIENONE-MONOACETATE(c)MONOMYRISTATE(b) * PHORBOL ACETATE MYRISTATE * PHORBOL MONOACETATE MONOMYRISTATE * PHORBOL MYRISTATE ACETATE * PMA * 12-TETRADECANOYLPHORBOL-13-ACETATE * 12-o-TETRADECANOYLPHORBOL-13-ACETAT (German) * TPA

IRRITATION DATA AND REFERENCES:
skn-mus 6 ug MLD PLMEAA 22,241,72

MUTATION DATA AND REFERENCES:
mma-esc 1 mg/L JPPMAB 31,69P,79
dnd-hmn:leu 3 nmol/L CJPPA3 60,1359,82
cyt-hmn:lym 100 ug/L CRNGDP 4,1313,83
dns-mus-skn 400 nmol/kg RCOCB8 24,533,79
dni-mus-skn 680 nmol/kg APMUAN S274,307,81
cyt-mus-skn 160 umol/L CNREA8 33,269,73
sce-mus:emb 100 ug/L ANYAA9 359,237,81
sce-mus:emb 1 ug/L CRNGDP 2,601,81
sce-ham:ovr 1 ug/L CRNGDP 2,601,81
otr-ckn:emb 10 ug/L PNASA6 76,348,79
dns-ckn:emb 100 ug/L PNASA6 76,348,79
dns-ckn:oth 100 ug/L PNASA6 76,348,79
dni-ctl:lym 10 nmol/L CRNGDP 3,409,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 scu-mus TDLo:640 ug/kg (2D post) PSEBAA 165,394,80

TUMORIGENIC DATA AND REFERENCES:
3V03K60R60 orl-mus TDLo:10 mg/kg CNREA8 39,1293,79
2V01R60 skn-mus TDLo:30204 ug/kg/72W-I AMBPB2 91,103,83
3V03J60P61 ivg-mus TDLo:51 mg/kg/52W-I CRNGDP 1,707,80
2V03V10 imp-dog TDLo:798 ng/kg/21W-C JJIND8 65,921,80
3V03K60R60 skn-ham TDLo:7800 ug/kg/26W-I CNREA8 40,155,80
2V03R60 skn-mus TD :1680 ug/kg/16W-I BJCAAI 34,523,76
2V03R60 skn-mus TD :2960 mg/kg/24W-I CNREA8 39,4183,79
2V02R60 skn-mus TD :1234 ug/kg/25W-I VAAZA2 [illegible],33,79
2V03R60 skn-mus TD :7200 ug/kg/24W-I CNREA8 38,921,78
2V03R60 skn-mus TD :22 mg/kg/52W-I BJCAAI 39,376,79
2V02R60 skn-mus TD :20 mg/kg/25W-I NATWAY 54,282,67
2V03R60 skn-mus TD :21 mg/kg/26W-I CNREA8 40,642,80
2V03R60 skn-mus TD :4520 ug/kg/67W-I CALEDQ 19,21,83
2V03R60 skn-mus TD :19 mg/kg/47W-I PEXTAR 26,128,83
2V02R60 skn-ham TD :14 mg/kg/22W-I PEXTAR 26,128,83

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0635000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-alpha,9-beta,9a-alpha-TETRAHYDROXY-3-HYDROXYMETHYL-1,1,6,8-alpha- TETRAMETHYL-, 9-BUTYRATE, 9a-DODECANOATE
UPDT:8401 MW: 617.93 MOLFM: C36-H57-O8
SYN: 12-O-BUTYROYL PHORBOLDODECANOATE * PHORBOL 12-O-BUTYROYL 13-DODECANOATE

IRRITATION DATA AND REFERENCES:
skn-mus 3 ng MLD 85CVA2 5,213,70

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:12 mg/kg/12W-I 85CVA2 5,213,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0640000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-beta,1b-alpha,4,4a,7a-beta,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-beta,9-alpha,9a-beta-TETRAHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8-beta- TETRAMETHYL-, 9a-DECANOATE (S)-(+)-9-(2-METHYLBUTYRATE)
UPDT:8401 CAS: 63040-43-7 MW: 602.89 MOLFM: C35-H54-O8
SYN: PHORBOL CAPRATE (+)-(S)-2-METHYLBUTYRATE * PHORSOL MONODECANOATE (S)-(+)-MONO(2-METHYLBUTYRATE)

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:24 mg/kg/30W-I NATWAY 54,282,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0650000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-beta,1b-alpha,4,4a,7a-beta,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-beta,9-alpha,9a-beta-TETRAHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8-beta- TETRAMETHYL-, 9a-DECANOATE 9-(2-METHYLCROTONATE)
UPDT:8401 CAS: 59086-92-9 MW: 600.87 MOLFM: C35-H52-O8
SYN: PHORBOL CAPRATE, TIGLATE * PHORBOL MONODECANOATE MONO(2 METHYLCROTONATE), (E)-

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:23 mg/kg/29W-I NATWAY 54,282,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0651000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,16-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-4a-beta,7b-alpha,9-beta,9a-alpha-TETRAHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8-alpha- TETRAMETHYL-, 9,9a-DIACETATE, (+)
UPDT:8401 CAS: 24928-15-2 MW: 448.56 MOLFM: C24-H32-O8
SYN: PHORBOL-12,13-DIACETATE

MUTATION DATA AND REFERENCES:
dnd-esc 200 ug/tube CNREA8 33,3103,73

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:19 mg/kg/32W-I CNREA8 31,1074,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0653000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-alpha,9-beta,9a-alpha-TETRAHYDROXY-3-HYDROXYMETHYL-1,1,6,8-alpha- TETRAMETHYL-, 9,9a-DIDECANOATE
UPDT:8401 CAS: 24928-17-4 MW: 663.95 MOLFM: C40-H55-O8
SYN: PDD * PHORBOL-12,13-DIDECANOATE

IRRITATION DATA AND REFERENCES:
skn-mus 7 ng MLD CCSUDL 2,11,78

MUTATION DATA AND REFERENCES:
dnd-esc 200 ug/tube CNREA8 33,3103,73
cyt-smc 1 mg/L NATUAS 294,263,81
dns-rat:lvr 1 ug/L CNREA8 40,4541,80
otr-ham:emb 100 ug/L CALEDQ 17,1,82

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:5472 ug/kg/6W-I CNREA8 31,1074,71
3V03R60V10 skn-mus TD :318 mg/kg/12W-I PLMEAA 22,241,72
2V03R60 skn-mus TD :17 mg/kg/16W-I CCSUDL 2,11,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0655000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-alpha,9-beta,9a-alpha-TETRAHYDROXY-3-HYDROXYMETHYL-1,1,6,8-alpha- TETRAMETHYL-, 9,9a-DIHEXA(DELTA-2,4)DIENOATE
UPDT:8401 MW: 569.89 MOLFM: C32-H57-O8
SYN: PHORBOL-12,13-DIHEXA(DELTA-2,4)-DIENOATE

IRRITATION DATA AND REFERENCES:
skn-mus 6 ug MLD PLMEAA 22,241,72

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:55 gm/kg/12W-I PLMEAA 22,241,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0657000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha-1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-alpha,9-beta,9a-alpha-TETRAHYDROXY-3-HYDROXYMETHYL-1,1,6,8-alpha- TETRAMETHYL-, 9,9a-DIHEXANOATE
UPDT:8401 MW: 557.77 MOLFM: C32-H45-O8
SYN: PHORBOL-12,13-DIHEXANOATE

IRRITATION DATA AND REFERENCES:
skn-mus 18 ug MLD PLMEAA 22,241,72

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:16 gm/kg/12W-I PLMEAA 22,241,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0660000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-beta,1b-alpha,4,4a,7a-beta,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-beta,9-alpha,9a-beta-TETRAHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8-beta- TETRAMETHYL-, 9a-LAURATE (S)-(+)-9-(2-METHYLBUTYRATE)
UPDT:8401 CAS: 63040-44-8 MW: 630.95 MOLFM: C37-H58-O8
SYN: PHORBOL LAURATE (+)-(S)-2-METHYLBUTYRATE * PHORBOL MONOLAURATE MONO(S)-(+)-2-METHYLBUTYRATE

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:24 mg/kg/30W-I NATWAY 54,282,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0665500 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-alpha,9-beta,9a-alpha-TETRAHYDROXY-3-HYDROXYMETHYL-1,1,6,8-alpha- TETRAMETHYL-, 9-((E-)-2-METHYL-2-BUTENOATE), 9a-BUTYRATE
UPDT:8401 MW: 504.68 MOLFM: C28-H40-O8
SYN: PHORBOL-12-O-TIGLYL-13-BUTYRATE * 12-O-TIGLYL PHORBOL-13-BUTYRATE

IRRITATION DATA AND REFERENCES:
skn-mus 520 ng MLD 85CVA2 5,213,70

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:29 mg/kg/12W-I 85CVA2 5,213,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0666000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-alpha,9-beta,9a-alpha-TETRAHYDROXY-3-HYDROXYMETHYL-1,1,6,8-alpha- TETRAMETHYL-, 9-((E-)-2-METHYL-2-BUTENOATE), 9a-DODECANOATE
UPDT:8401 MW: 628.93 MOLFM: C37-H56-O8

BEST COPY AVAILABLE

SYN: PHORBOL 12-o-TIGLYL-13-DODECANOATE * 12-o-TIGLYL-PHORBOL-13-DODECANOATE
IRRITATION DATA AND REFERENCES:
skn-mus 1 ng MLD 85CVA2 5,213,70
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:12 mg/kg/12W-I 85CVA2 5,213,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0667200 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-beta,1b-alpha,4,4a,7a-beta,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-beta,9a-beta-TRIHYDROXY-3-ACETOXYMETHYL-1,1,6,8-beta-TETRAMETHYL-, 9-((Z)-2-METHYLBUTENATE)
UPDT:8401 MW: 472.63 MOLFM: C27-H36-O7
SYN: 12-DEOXYPHORBOL 13-ANGELATE 20-ACETATE
IRRITATION DATA AND REFERENCES:
skn-mus 3 ug OPEN ARTODN 44,279,80
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:180 mg/kg/24W-I EXPEAM 30,1438,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0668250 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-7b-alpha,9-beta,9a-alpha-TRIHYDROXY-3-HYDROXYMETHYL-1,1,6,8-alpha-TETRAMETHYL-4- METHOXY-, 9a-ACETATE-9-MYRISTATE
UPDT:8401 MW: 630.95 MOLFM: C37-H58-O8
SYN: 4-O-METPA
IRRITATION DATA AND REFERENCES:
skn-mus 1450 ng MLD CCSUDL 2,11,78
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:966 mg/kg/48W-I CNREAB 39,4183,79
2V03R60 skn-mus TD :970 mg/kg/48W-I CCSUDL 2,11,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0669500 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-alpha,9a-alpha-TRIHYDROXY-3-HYDROXYMETHYL-1,6,8-alpha-TRIMETHYL-1- ACETOXYMETHYL-, 9a-(2-METHYLBUT-2-ENOATE)
UPDT:8401 MW: 488.63 MOLFM: C27-H36-O8
IRRITATION DATA AND REFERENCES:
skn-mus 44 ng MLD 85CVA2 5,213,70
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:225 mg/kg/36W-I 85CVA2 5,213,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0669700 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a- DECAHYDRO-4a-alpha,7b-alpha,9a-alpha-TRIHYDROXY-3-HYDROXYMETHYL-1,6,8-alpha-TRIMETHYL-1,3- DIACETOXYMETHYL-, 9a(2-METHYLBUT-2-ENOATE)
UPDT:8401 MW: 532.69 MOLFM: C29-H40-O9
IRRITATION DATA AND REFERENCES:
skn-mus 447 ng MLD 85CVA2 5,213,70
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:630 ug/kg/36W-I 85CVA2 5,213,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0670000 5H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 1,1a-beta,1b-alpha,2,3,4,4a,7a-beta,7b,8,9,9a- DODECAHYDRO-4a-alpha,7b-beta,9-alpha,9a-beta-TETRAHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8-beta- TETRAMETHYL-, 9a-ACETATE 9-MYRISTATE
UPDT:8401 MW: 618.94 MOLFM: C36-H58-O8
SYN: 2,3-DIHYDROPHORBOL MYRISTATE ACETATE * DPMA * PHORBOL 2,3-DIHYDRO-, ACETATE MYRISTATE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:37 mg/kg/31W-I CNREAB 38,921,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ0690000 CYCLOPROPANE
UPDT:8308 CAS: 75-19-4 MW: 42.09 MOLFM: C3-H6
SYN: CYCLOPROPANE, liquefied (DOT) * TRIMETHYLENE * UN 1027 (DOT)
MUTATION DATA AND REFERENCES:
cyt-ckn-ihl 20 ppb/3H ANESAV 34,157,71
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GZ0700000 CYCLOPROPANEACRYLIC ACID, 3-CARBOXY-alpha,2,2-TRIMETHYL-, 1-METHYL ESTER, ESTER with 4-HYDROXY-3-METHYL-2-(2,4-PENTADIENYL)-2-CYCLOPENTEN-1-ONE
UPDT:8406 CAS: 121-29-9 MW: 372.50 MOLFM: C22-H28-O5
SYN: CHRYSANTHEMUMDICARBOXYLIC ACID MONOMETHYL ESTER PYRETHROLONE ESTER * ENT 7,543 * PYRETHRIN * PYRETHRIN II * PYRETHROLONE, CHRYSANTHEMUM DICARBOXYLIC ACID METHYL ESTER ESTER * PYRETHROLONE ESTER OF CHRYSANTHEMUMDICARBOXYLIC ACID MONOMETHYL ESTER * (+)-PYRETHRONYL (+)-PYRETHRATE * PYRETRIN II
TOXICITY DATA AND REFERENCES:
unk-man LDLo:1029 mg/kg BSDCAI 2,73,70
orl-rat LD50:200 mg/kg ARSIM* 20,17,66
3F07F11F12 ivn-rat LD50:1 mg/kg PCJPBS 2,308,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ1013000 CYCLOPROPANECARBOXAMIDE, N-(4-ACETYL-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYL-
UPDT:8405 CAS: 60644-98-6 MW: 390.57 MOLFM: C25-H30-N2-O2
SYN: N-(4-ACETYL-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYLCYCLOPROPANECARBOXAMIDE * R 33000
TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:1380 ug/kg ARZNAD 26,1548,76

GZ1225000 CYCLOPROPANECARBOXYLIC ACID, 2-BUTOXY-, BUTYL ESTER
UPDT:8307 CAS: 63937-32-6 MW: 214.34 MOLFM: C12-H22-O3
SYN: BUTYL 2-BUTOXYCYCLOPROPANE-1-CARBOXYLATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:24 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:110 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ1227000 CYCLOPROPANECARBOXYLIC ACID, 1-(3-CHLORO-4-CYCLOHEXYLPHENYL)-
UPDT:8309 CAS: 26961-87-5 MW: 278.80 MOLFM: C16-H19-Cl-O2
SYN: 1-(2-CHLORO-4-CYCLOHEXYLPHENYL)CYCLOPROPANE-1-CARBOXYLIC ACID * TAI 129
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1200 mg/kg TAKHAA 34,467,75

GZ1227300 CYCLOPROPANECARBOXYLIC ACID, 1-(3-CHLORO-4-CYCLOHEXYLPHENYL)-, compd. with 2-(DIMETHYLAMINO) ETHANOL (1:1)
UPDT:8309 CAS: 26961-96-0 MW: 367.96 MOLFM: C16-H19-Cl-O2 C4-H11-N-O
SYN: TAI 354
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg TAKHAA 34,467,75

GZ1227600 CYCLOPROPANECARBOXYLIC ACID, 1-(3-CHLORO-4-ISOBUTYLPHENYL)-
UPDT:8309 CAS: 26961-91-1 MW: 252.76 MOLFM: C14-H17-Cl-O2
SYN: 1-(3-CHLORO-4-ISOBUTYLPHENYL)CYCLOPROPANECARBOXYLIC ACID * CYCLOPROPANECARBOXYLIC ACID, 1-(3-CHLORO-4-(2 METHYLPROPYL)PHENYL)- * TAI 276
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg TAKHAA 34,467,75
CYCLOPROPANECARBOXYLIC ACID, 1-(3-CHLORO-4-(2-METHYLPROPYL)PHENYL)- see: GZ1227600

GZ1227900 CYCLOPROPANECARBOXYLIC ACID, 1-(4-CYCLOHEXYLPHENYL)-, 2-(DIETHYLAMINO)ETHYL ESTER
UPDT:8309 CAS: 58880-36-7 MW: 379.01 MOLFM: C22-H33-Cl-N-O2
SYN: 1-(4-CYCLOHEXYLPHENYL)CYCLOPROPANECARBOXYLIC ACID 2-(DIETHYLAMINO)ETHYL ESTER * TAI 403
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg TAKHAA 34,467,75

GZ1228200 CYCLOPROPANECARBOXYLIC ACID, 1-(4-CYCLOHEXYLPHENYL)-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8309 CAS: 58880-38-9 MW: 351.96 MOLFM: C20-H29-N-O2 Cl-H
SYN: 1-(4-CYCLOHEXYLPHENYL)CYCLOPROPANECARBOXYLIC ACID 2-(DIMETHYLAMINO)-ETHYL ESTER * TAI 404
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg TAKHAA 34,467,75

GZ1231000 CYCLOPROPANECARBOXYLIC ACID, 3-(CYCLOPENTYLIDENEMETHYL)-2,2-DIMETHYL-, (5-BENZYL-3-FURYL) METHYL ESTER, (1R,3R)-
UPDT:8403 CAS: 22431-62-5 MW: 364.52 MOLFM: C24-H28-O3
SYN: AI 3-27985 * BIOETHANOMETHRIN * ETHANOCHRYSANTHEMATE * ETHANOMETHRIN * K-OTHRINE * NIA 24110 * NIAGARA NIA-24110 * RU 11679
TOXICITY DATA AND REFERENCES:
3F11F21F43 ivn-rat LDLo:2 mg/kg ARTODN 45,325,80

GZ1233000 CYCLOPROPANECARBOXYLIC ACID, 3-(2,2-DIBROMOETHENYL)-2,2-DIMETHYL-, CYANO(3-PHENOXYPHENYL) METHYL ESTER, (1R-(1-alpha(S*),3-alpha))-
UPDT:8408 CAS: 52918-63-5 MW: 505.24 MOLFM: C22-H19-Br2-N-O3
SYN: BUTOFLIN * BUTOX * DECAMETHRIN * DECAMETHRINE * DECIS * DELTAMETHRIN * FMC 45498 * K-OTHRINE * NRDC 161 * RU 22974
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:129 mg/kg FMCHA2 -,C72,83
3F11F17F23 ivn-rat LDLo:2 mg/kg ARTODN 45,325,80
* ice-mus LDLo:80 ug/kg TXAPA9 66,290,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ1240000 CYCLOPROPANECARBOXYLIC ACID, 3-(2,2-DIBROMOVINYL)-2,2-DIMETHYL-, CYANO(3-PHENOXYPHENYL) METHYL ESTER, cis-(+-)-
UPDT:8405 CAS: 52820-00-5 MW: 505.24 MOLFM: C22-H19-Br2-N-O3
SYN: alpha-1-CYANO 3-PHENOXYBENZYL d-cis 2,2-DIMETHYL 3-(2,2-DIBROMOVINYL)CYCLOPROPANE CARBOXYLATE * DECAMETHRIN * DECIS * ESBECYTHRIN * NRDC 156
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:70 mg/kg (7-20D preg) JEPTDQ 2(3),751,79
1T46 orl-mus TDLo:30 mg/kg (7-16D preg) JEPTDQ 2(3),751,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:31 mg/kg JEPTDQ 2(3),751,79
ihl-rat LC50:785 mg/m3/2H JEPTDQ 2(3),751,79
ivn-rat LD50:4 mg/kg JEPTDQ 2(6),751,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ1250000 CYCLOPROPANECARBOXYLIC ACID, 3-(2,2-DICHLOROETHENYL)-2,2-DIMETHYL-, CYANO(3-PHENOXYPHENYL) METHYL ESTER, (+-)-
UPDT:8309 CAS: 52315-07-8 MW: 416.37 MOLFM: C22-H19-Cl2-N-O3
SYN: AMMO * AVICADE * BARRICADE * CCN52 * (+-)-alpha CYANO-3-PHENOXYBENZYL 2,2-DIMETHYL-3-(2,2-DICHLOROVINYL)CYCLOPROPANE CARBOXYLATE * CYMBUSH * CYPERKILL * CYPERMETHRIN * IMPERATOR * KAFIL SUPER * NRDC 149 * PP383 * RIPCORD * SIPERIN * STOCKADE * WL 43467
TOXICITY DATA AND REFERENCES:
* orl-ra: LD50:251 mg/kg FMCHA2 -,C25,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ1251540 CYCLOPROPANECARBOXYLIC ACID, 3-(2,2-DICHLOROETHENYL)-2,2-DIMETHYL-, (3-PHENOXYPHENYL)METHYL ESTER, cis-
UPDT:8309 CAS: 61949-76-6 MW: 391.31 MOLFM: C21-H20-Cl2-O3
SYN: cis-PERMETHRIN
TOXICITY DATA AND REFERENCES:
1Y21 ipr-mus LD50:108 mg/kg TXAPA9 66,153,82
1Y21 ivn-mus LD50:17 mg/kg TXAPA9 66,153,82

GZ1253000 CYCLOPROPANECARBOXYLIC ACID, 2-(2,2-DICHLOROVINYL)-3,3-DIMETHYL-, ESTER with (4-FLUORO-3- PHENOXYPHENYL)HYDROXYACETONITRILE
UPDT:8461 MW: 434.31 MOLFM: C22-H18-Cl2-F-N-O3
SYN: BAY FCR 1272 * BAYTHROID * BAYTHROID H * CYFLUTHRIN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:15 mg/kg FMCHA2 -,C28,83
* skn-rat LD50:5000 mg/kg FMCHA2 -,C28,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ1255000 CYCLOPROPANECARBOXYLIC ACID, 3-(2,2-DICHLOROVINYL)-2,2-DIMETHYL-, 3-PHENOXYBENZYL ESTER, (+-)-, (cis,trans)-
UPDT:8411 CAS: 52645-53-1 MW: 391.31 MOLFM: C21-H20-Cl2-O3
SYN: AI3-29158 * AMBUSH * BW-21-Z * ECTIBAN * EXMIN * FMC 33297 * FMC 41655 * ICI-PP 557 * KETSTREL (PESTICIDE) * NDRC 163 * NIA 33297 * OUTFLANK * OUTFLANK STOCKADE * PERMETHRIN * PERMETRINA (Portuguese) * 3-PHENOXYBENZYL (+-)-3-(2,2-DICHLOROVINYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLATE * (3-PHENOXYPHENYL)METHYL 3-(2,2-DICHLOROETHENYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLATE * POUNCE * PP 557 * S 3151 * SBP 1513 * TALCORD * WL 43479
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-A047 284
MUTATION DATA AND REFERENCES:
cyt-mus-orl 150 mg/kg PHABDI 21,227,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:410 mg/kg NTIS** AD-A047-284
3F05F11Y21 ipr-mus LD50:514 mg/kg TXAPA9 66,153,82
1Y21 ivn-mus LD50:31 mg/kg TXAPA9 66,153,82
* ice-mus LDLo:600 ug/kg TXAPA9 66,290,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ1310000 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENYL)-, (4-(2-BENZYL)FURYL) METHYL ESTER
UPDT:8406 CAS: 10453-86-8 MW: 338.40 MOLFM: C22-H26-O3

BEST COPY AVAILABLE

SYN: BENZOFUROLINE * BENZYFUROLINE * 5-BENZYL-3-FURYLMETHYL(+ -)-cis,trans-CHRYSANTHEMATE * (5-BENZYL-3-FURYL) METHYL 2,2-DIMETHYL-3-(2-METHYLPROPENYL)-CYCLOPROPANECARBOXYLATE * CHRYSON * CHRYSRON * DIMETHYL 3-(2-METHYL 1-PROPENYL)CYCLOPROPANECARBOXYLATE * ENT 27474 * FMC 17370 * FOR SYN * NIA 17370 * NRDC 104 * NSC 193022 * OMS-1206 * PREMGARD * PYNOSECT * PYRETHERM * RESMETHRIN * RESMETRINA (Portuguese) * SBP-1382 * S.B. PENICK 1382 * SYNTHRIN

TOXICITY DATA AND REFERENCES:

1F11	orl-rat LD50:1347 mg/kg	PCBPBS 2,308,72
	ivn-rat LDLo:160 mg/kg	BIOGAL 41(10),283,75
	orl-mus LD50:1390 mg/kg	BECTA6 19,113,78
	ihl-mus LD50:99 mg/kg	BECTA6 19,113,78
	skn-rbt LD50:2500 mg/kg	SPEADM 78-1,9,78

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

GZ1310500 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENYL)-, 4-(2-BENZYL)FURYLMETHYL ESTER, d-trans-

UPDT:8406 CAS: 28434-01-7 MW: 338.48 MOLFM: C22-H26-O3

SYN: 5-BENZYL-3-FURYLMETHYL(-)-trans-CHRYSANTHEMATE * BIORESMETHRIN * BIORESMETHRINE * BIORESMETRINA (Portuguese) * NIA 18739 * NRDC 107 * (+)-trans-RESMETHRIN * d-trans-RESMETHRIN * RU 11484 * SBP-1390

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:340 mg/kg	BIOGAL 41,283,75
	orl-mus LD50:590 mg/kg	EVHPAZ 14,15,76

GZ1430000 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENYL)-, (5-BENZYL-3-FURYL)METHYL ESTER, (+)-(Z)-

UPDT:8406 CAS: 35764-59-1 MW: 338.48 MOLFM: C22-H26-O3

SYN: 5-BENZYL-3-FURYLMETHYL (-)-cis CHRYSANTHEMATE * CISMETHRIN * NRDC 119 * (+)-cis-RESMETHRIN

TOXICITY DATA AND REFERENCES:

1F11	orl-rat LD50:63 mg/kg	PCBPBS 2,308,72
3F11F21F43	ivn-rat LDLo:6 mg/kg	ARTODN 45,325,80
	orl-mus LD50:152 mg/kg	EVHPAZ 14,15,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ1452000 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENYL)-, 6-CHLOROPIPERONYL ESTER, (+)-cis, trans-

UPDT:8403 CAS: 70-43-9 MW: 336.84 MOLFM: C18-H21-Cl-O4

SYN: BARTHRIN * 6-CHLOROPIPERONYL CHRYSANTHEMUMATE * 6-CHLOROPIPERONYL 2,2-DIMETHYL-3-(2-METHYLPROPENYL)CYCLOPROPANECARBOXYLATE * 6-CHLOROPIPERONYL ESTER of CHRYSANTHEMUMMONOCARBOXYLIC ACID * CHRYSANTHEMUMIC ACID 6-CHLOROPIPERONYL ESTER * CHRYSANTHEMUMMONOCARBOXYLIC ACID 6-CHLOROPIPERONYL ESTER * ENT-21557

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:24 gm/kg	SPEADM 78-1,8,78
	unk-rat LD50:950 mg/kg	30ZDA9 -,131,71

GZ1455000 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENYL)-, 2,4-DIMETHYLBENZYL ESTER ESTER

UPDT:8307 CAS: 70-38-2 MW: 286.45 MOLFM: C19-H26-O2

SYN: DIMETHRIN * 2,4-DIMETHYLBENZYLCHRYSANTHEMUMATE * 2,4-DIMETHYLBENZYL 2,2-DIMETHYL-3-(2-METHYLPROPENYL)CYCLOPROPANECARBOXYLATE * 2,4-DIMETHYLBENZYL ESTER of cis,trans-CHRYSANTHEMUMIC ACID * (2,4-DIMETHYLPHENYL)METHYL 2,2-DIMETHYL-3-(2-METHYL 1-PROPENYL)CYCLOPROPANECARBOXYLATE * ENT-21170

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:80 gm/kg	28ZEAL 5,79,76

GZ1458000 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENYL)-, (1,2-DIOXOISOINDOL-2-YL) METHYL ESTER

UPDT:8405 MW: 327.41 MOLFM: C19-H21-N-O4

SYN: N-(PHTHALIMIDO)METHYL dl-cis-trans-CHRYSANTHEMATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:10 gm/kg	ABCHA6 28,914,65

GZ1472000 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENYL)-, (+)-(E)-, ESTER with (+)- 2-ALLYL-4-HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE

UPDT:8309 CAS: 28434-00-6 MW: 302.45 MOLFM: C19-H26-O3

SYN: AI 3-29024 * trans-(-)-ALLETHRIN * d-ALLETHROLONE CHRYSANTHEMUMATE * (-)-ALLETHRONYL (+)-trans CHRYSANTHEMUMATE * S-BIOALLETHRIN * ESBIOL * ESBIOL CONCENTRATE 90%

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:430 mg/kg	EVHPAZ 14,15,76
	ihl-rat LC50:1600 mg/m3/3H	EVHPAZ 14,15,76
	orl-mus LD50:250 mg/kg	EVHPAZ 14,15,76
	ihl-mus LC50:2720 mg/m3/3H	EVHPAZ 14,15,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ1590000 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENYL)-, ESTER with 2-(3,3-DIFLUORO ALLYL)-4-HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE

UPDT:8308 MW: 338.43 MOLFM: C19-H24-F2-O3

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:28 mg/kg	JAFCAU 31,250,83

GZ1725000 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENYL)-, ESTER with 4-HYDROXY- 3-METHYL-2-(2,4-PENTADIENYL)-2-CYCLOPENTEN-1-ONE

UPDT:8408 CAS: 121-21-1 MW: 328.49 MOLFM: C21-H28-O3

SYN: CHRYSANTHEMUM MONOCARBOXYLIC ACID PYRETHROLONE ESTER * PIRETRINA I (Portuguese) * PYRETHRIN I * PYRETHROLONE CHRYSANTHEMUM MONOCARBOXYLIC ACID ESTER * (+)-PYRETHRONYL (+)-trans-CHRYSANTHEMATE * RCRA WASTE NUMBER P008

TOXICITY DATA AND REFERENCES:

3F07F11F12	orl-rat LD50:260 mg/kg	PCBPBS 2,308,72
	ivn-rat LDLo:5 mg/kg	BIOGAL 41(10),283,75
	unk-rat LD50:960 mg/kg	30ZDA9 -,131,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ1730000 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)-, (1,3,4,5,6,7-HEXAHYDRO- 1,3-DIOXO-2H-ISOINDOL-2-YL)METHYL ESTER

UPDT:8405 CAS: 7696-12-0 MW: 319.44 MOLFM: C18-H25-N-O4

SYN: (1-CYCLOHEXANE-1,2-DICARBORIMIDO)METHYL CHRYSANTHEMUMATE * ENT 27339 * FMC-9260 * MULTICIDE * NEO-PYNAMIN * NEOPYNAMIN FORTE * NIA-9260 * NIAGARA NIA-9260 * NSC 190939 * PHTHALTHRIN * d-PHTHALTHRIN * SP-1103 * SUMITOMO SP-1103 * 2,3,4,5-TETRAHYDROPHTHALIMIDOMETHYL CHRYSANTHEMATE * N-(3,4,5,6-TETRAHYDROPHTHALIMIDO)-METHYL dl-cis-trans-CHRYSANTHEMATE * 3,4,5,6-TETRAHYDROPHTHALIMIDOMETHYL cis and trans dl CHRYSANTHEMUMMONOCARBOXYLIC ACID * 3,4,5,6-TETRAHYDRO-PHTHALIMIDOMETHYLESTER DER dl-cis-trans-CHRYSANTHEMUMSAEURE (German) * TETRAMETHRIN * TETRAMETHRINE (French)

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg/1H MLD	OYYAA2 24,179,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:20000 mg/kg	85ARAE 1,60,77
3F11F19J22	ipr-rat LD50:548 mg/kg	OYYAA2 24,179,82
*	orl-mus LD50:1000 mg/kg	ABCHA6 28,914,65
3F11F19J22	ipr-mus LD50:527 mg/kg	OYYAA2 24,179,82
3F11F19J22	scu-mus LD50:1950 mg/kg	OYYAA2 24,179,82
	orl-chn LD50:5000 mg/kg	28ZEAL 5,220,76

GZ1925000 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)-, 2-METHYL-4-OXO- 3-(2-PROPENYL)-2-CYCLOPENTEN-1-YL ESTER

UPDT:8412 CAS: 584-79-2 MW: 302.45 MOLFM: C19-H26-O3

SYN: (+)-ALLETHRETRONYL (+)-cis trans-CHRYSANTHEMATE * ALLETHRIN * d-ALLETHRIN * ALLETHRIN (DOT) * ALLETHRIN I * ALLYL CINERIN * ALLYL HOMOLOG of CINERIN I * dl-2-ALLYL-4-HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE-dl-CHRYSANTHEMUM MONOCARBOXYLATE * 3-ALLYL-4-KETO-2-METHYLCYCLOPENTENYL CHRYSANTHEMUMMONOCARBOXYLATE * 3-ALLYL-2-METHYL-4-OXO-2-CYCLOPENTEN-1-YL CHRYSANTHEMATE * dl-3-ALLYL-2-METHYL-4-OXOCYCLOPENT-2-ENYL dl-cis trans CHRYSANTHEMATE * BIOALLETHRIN * CINERIN I ALLYL HOMOLOG * ENT 17,510 * ESTHRIN * FDA 1446 * FMC 249 * NA 2902 (DOT) * NECARBOXYLIC ACID * NIA 249 * PALLETHRINE * PYNAMIN * PYNAMIN-FORTE * PYRESIN * PYRETHYN * SYNTHETIC PYRETHRINS

MUTATION DATA AND REFERENCES:

	mma-sat 500 ug/plate	MUREAV 116,185,83
	cyt-ham:lng 1900 ng/L/27H	MUREAV 66,277,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:310 mg/kg	FMCHA2 -,C200,83
3F11F12F43	ivn-rat LDLo:4 mg/kg	PCBPBS 2,308,72
	unk-rat LD50:680 mg/kg	30ZDA9 -,131,71
	orl-mus LD50:370 mg/kg	ABCHA6 28,914,65
	ipr-mus LD50:38 mg/kg	JAFCAU 31,250,83
*	ice-mus LDLo:4 mg/kg	TXAPA9 66,290,82
	orl-rbt LD50:4290 mg/kg	SPEADM 78-1,7,78

STANDARDS & REGULATIONS:

★ DOT-HAZARD-ORM-A; LABEL:NONE CFRGBR 49,172.101.82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ1950000 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)-, 2-METHYL-4-OXO- 3-(2-PROPENYL)-2-CYCLOPENTEN-1-YL ESTER, d-trans-

UPDT:8309 CAS: 584-79-2 MW: 302.45 MOLFM: C19-H26-O3

SYN: d-trans ALLETHRIN * ALLYL HONOLOG of CINERIN I * BIOALETRINA (Portuguese) * BIOALLETHRIN * (+)-trans-CHRYSANTHEMUMIC ACID ESTER of (-)-ALLETHROLONE * ENT 16275

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:425 mg/kg	SPEADM 78-1,7,78
	ivn-rat LDLo:4 mg/kg	BIOGAL 41(10),283,75
	orl-mus LD50:330 mg/kg	EVHPAZ 14,15,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ2003000 CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETHYL-3-(2-METHYLPROPENYL)-, 5-(2-PROPYNYL)FURFURYL ESTER

UPDT:8411 CAS: 23031-38-1 MW: 286.40 MOLFM: C18-H22-O3

SYN: FURAMETHRIN * 5-PROPARGYLFURFURYL CHRYSANTHEMATE * PROTHRIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:29550 mg/kg (30D male)	OYYAA2 5,605,71
1T13	orl-rat TDLo:32760 mg/kg (91D pre)	OYYAA2 5,605,71

TOXICITY DATA AND REFERENCES:

1K12	ipr-rat LD50:1926 mg/kg	OYYAA2 5,605,71
*	orl-mus LD50:3130 mg/kg	OYYAA2 8,1067,84
*	ipr-mus LD50:600 mg/kg	OYYAA2 8,1067,84

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ2010000 CYCLOPROPANECARBOXYLIC ACID, HEXADECYL ESTER

UPDT:8309 CAS: 54460-46-7 MW: 310.58 MOLFM: C20-H38-O2

SYN: CYCLOPRATE * HEXADECYL CYCLOPROPANECARBOXYLATE * ZARDEX * ZR-656

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:12200 mg/kg	85ARAE 1,99,77
	orl-dog LD50:2500 mg/kg	SPEADM 78-1,19,78
	skn-rbt LD50:2670 mg/kg	SPEADM 78-1,19,78

GZ2085000 CYCLOPROPANECARBOXYLIC ACID, 2,2,3,3-TETRAMETHYL-, (5-BENZYL-3-FURYL)METHYL ESTER

UPDT:8406 CAS: 18877-89-9 MW: 312.44 MOLFM: C20-H24-O3

SYN: 5-BENZYL-3-FURYLMETHYL 2,2,3,3-TETRAMETHYLCYCLOPROPANE CARBOXYLATE * NRDC 108

TOXICITY DATA AND REFERENCES:

3F11F12F43	orl-rat LD50:141 mg/kg	PCBPBS 2,308,72
3F11F21F43	ivn-rat LDLo:2 mg/kg	ARTODN 45,325,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ2090000 CYCLOPROPANECARBOXYLIC ACID, 2,2,3,3-TETRAMETHYL-, CYANO(3-PHENOXYPHENYL)METHYL ESTER

UPDT:8401 CAS: 39515-41-8 MW: 349.46 MOLFM: C22-H23-N-O3

SYN: alpha-CYANO-3-PHENOXYBENTYL 2,2,3,3-TETRAMETHYL-1-CYCLOPROPANECARBOXYLATE * DAMITOL * FENPROPANATE * FENPR-32PATHRIN * MEOTHRIN * RODY * S 3206 * SD 41706 * WL 41706

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:49 mg/kg	FMCHA2 -,C70,83
3F11F21F43	ivn-rat LDLo:2500 ug/kg	ARTODN 45,325,80
*	skn-rbt LD50:2000 mg/kg	FMCHA2 -,C70,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ2092000 CYCLOPROPANECARBOXYLIC ACID, 2,2,3,3-TETRAMETHYL-, ESTER with 2-ALLYL-4-HYDROXY-2- CYCLOPENTEN-1-ONE

UPDT:8308 MW: 276.41 MOLFM: C17-H24-O3

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:5 mg/kg	JAFCAU 31,250,83

GZ2093000 CYCLOPROPANECARBOXYLIC ACID, 2,2,3,3-TETRAMETHYL-, ESTER with 2-ALLYL-4-HYDROXY-3-METHYL- 2-CYCLOPENTEN-1-ONE

UPDT:8305 CAS: 15589-31-8 MW: 276.41 MOLFM: C17-H24-O3

SYN: (-)-3-ALLYL-2-METHYL-4-OXO-2-CYCLOPENTENYL 2,2,3,3-TETRAMETHYLCYCLOPROPANECARBOXYLATE * M-10L * TERALLETHRIN

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:174 mg/kg	IYKEDH 13,1128,82
*	ipr-rat LD50:81 mg/kg	IYKEDH 13,1128,82
*	scu-rat LD50:252 mg/kg	IYKEDH 13,1128,82
*	unk-rat LD50:805 mg/kg	IYKEDH 13,1128,82
*	orl-mus LD50:177 mg/kg	IYKEDH 13,1128,82
*	ipr-mus LD50:81 mg/kg	IYKEDH 13,1128,82
*	scu-mus LD50:293 mg/kg	IYKEDH 13,1128,82
*	unk-mus LD50:289 mg/kg	IYKEDH 13,1128,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ2095000 CYCLOPROPANECARBOXYLIC ACID, 2,2,3,3-TETRAMETHYL-, ESTER with 2-(3,3-DIFLUOROALLYL)-4- HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE

UPDT:8308 MW: 312.39 MOLFM: C17-H22-F2-O3

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:6 mg/kg	JAFCAU 31,250,83

GZ2150000 1,2-CYCLOPROPANEDICARBOXIMIDE, N-(3,5-DICHLOROPHENYL)-1,2-DIMETHYL-

UPDT:8309 CAS: 32809-16-8 MW: 284.15 MOLFM: C13-H11-Cl2-N-O2

BEST COPY AVAILABLE

SYN: 3-AZABICYCLO[3.1.0]HEXANE-2,4-DIONE, 3-(3,5-DICHLOROPHENYL)-1,5-DIMETHYL- * N-(3,5-DICHLOROPHENYL)-1,2-DIMETHYLCYCLOPROPANE-1,2-DICARBOXIMIDE * PROCYMIDONE * S 7131 * SUMILEX * SUMISCLEX

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:6800 mg/kg	FMCHA2 -,C223,83
*	skn-mus LD50:7800 mg/kg	FMCHA2 -,C223,83

GZ2200000 CYCLOPROPANE, 1,1-DICHLORO-2,2-BIS(p-ETHOXYPHENYL)-

UPDT:8309 CAS: 22125-35-5 MW: 351.29 MOLFM: C19-H20-Cl2-O2

SYN: BENZENE, 1,1'-(2,2-DICHLOROCYCLOPROPYLIDENE)BIS(4-ETHOXY- * CP 51543 * 1,1'-(2,2-DICHLOROCYCLOPROPYLIDENE)BIS(4-ETHOXYBENZENE) * ENT 27,391 * MONSANTO CP 51543 * NSC 190983

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:755 mg/kg	ARSIM* 20,16,66

CYCLOPROPANE, liquefied (DOT) see: GZ0690000

GZ2224000 3'H-CYCLOPROPA(1,2)PREGNA-4,6-DIENE-3,20-DIONE, 6-CHLORO-17-HYDROXY-, ACETATE (ester)

UPDT:8406 MW: 416.98 MOLFM: C24-H29-Cl-O4

SYN: 1,2-alpha-METHYLENE-6-CHLORO-6-DEHYDRO-17-alpha-ACETOXYPROGESTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-wmn TDLo:800 ug/kg (20D pre)	INJFA3 9,57,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ2226000 3'H-CYCLOPROPA(1,2)PREGNA-4,6-DIENE-3,20-DIONE, 17-HYDROXY-, ACETATE

UPDT:8401 MW: 382.54 MOLFM: C24-H30-O4

SYN: 17-HYDROXY-3'H-CYCLOPROPA(1,2)PREGNA-4,6-DIENE-3,20-DIONE ACETATE * 1,2-alpha-METHYLENE-delta(sup 6)-HYDROXYPROGESTERONE ACETATE * 1,2-alpha-METHYLEN-delta(sup 6)-HYDROXYPROGESTERONACETAT (German)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	scu-rat TDLo:200 mg/kg (16-19D preg)	ACEDAB 90,139,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ2228000 3'H-CYCLOPROPA(1,2)PREGNA-1,4,6-TRIENE-3,20-DIONE, 6-CHLORO-1-beta,2-beta-DIHYDRO- 17-HYDROXY-

UPDT:8402 CAS: 2098-66-0 MW: 374.94 MOLFM: C22-H27-Cl-O3

SYN: 6-CHLOR-delta(sup 6)1,2-alpha-METHYLEN-17-alpha-HYDROXYPROGESTERON (German) * CYPROTERON * CYPROTERONE * SH 80881

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03	orl-rat TDLo:840 mg/kg (21D male)	JRPFA4 26,65,71
1T02	scu-rat TDLo:560 mg/kg (7D male)	JRPFA4 49,237,77
1T03	scu-rat TDLo:1680 mg/kg (21D male)	JRPFA4 49,237,77
1T53	scu-rat TDLo:20 mg/kg (16-19D preg)	ACEDAB 90,139,64
1T03	ice-rat TDLo:4 ug/kg (21D male)	FEPRA7 27,319,68

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RPHRA6 26,337,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ2230000 3'H-CYCLOPROPA(1,2)PREGNA-1,4,6-TRIENE-3,20-DIONE, 6-CHLORO-1-beta,2-beta-DIHYDRO- 17-HYDROXY-, ACETATE

UPDT:8411 CAS: 427-51-0 MW: 416.98 MOLFM: C24-H29-Cl-O4

SYN: 17-alpha-ACETOXY-6-CHLORO-1-alpha,2-alpha-METHYLENEPREGNA-4,6-DIENE-3,20-DIONE * 6-CHLOR-delta(sup 6)1,2-alpha-METHYLEN-17-alpha-HYDROXYPROGESTERONACETAT (German) * 6-CHLORO-17-HYDROXY-1-alpha,2-alpha-METHYLENEPREGNA-4,6-DIENE-3,20-DIONE ACETATE * 6-CHLORO-1,2-alpha-METHYLENE-6-DEHYDRO-17-alpha HYDROXYPROGESTERONE ACETATE * 6-CHLORO-delta(sup 6)1,2-alpha-METHYLENE-17-alpha-HYDROXYPROGESTERONE ACETATE * 6-CHLORO-1,2-alpha-METHYLENE-17-alpha-HYDROXY-delta(sup 6)-PROGESTERONE ACETATE * CPA * CYPROSTERONE ACETATE * CYPROTERONE ACETATE * CYPROTERON-R ACETATE * 1,2-alpha-METHYLENE-6-CHLORO-delta(sup 6)-17-alpha-HYDROXYPROGESTERONE ACETATE * 1,2-alpha-METHYLENE-6-CHLORO-PREGNA-4,6-DIENE-3,20-DIONE-17-alpha-ACETATE * 1,2-alpha-METHYLENE-6-CHLORO-(sup 6)-PREGNADIENE-17-alpha-OL-3,20-DIONE-17-alpha ACETATE * 1,2-alpha-METHYLENE-6-CHLORO-delta-(sup 6,6)-PREGNADIENE-17-alpha-OL-3,20-DIONE-ACETATE * NSC-81430 * PREGNA-4,6-DIENE-3,20-DIONE, 6-CHLORO-17-HYDROXY-1-alpha,2-alpha-METHYLENE-, ACETATE * SH-714

MUTATION DATA AND REFERENCES:

	dns-rat-orl 40 mg/kg	CBINAO 31,287,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-man TDLo:98570 ug/kg (4W male)	INURAQ 6,638,69
1T01	orl-man TDLo:1 mg/kg (1D male)	CCPTAY 14,403,76
2T01T04	orl-man TDLo:320 mg/kg (16W male)	JRPFA4 32,365,73
1T01	orl-man TDLo:4 mg/kg (1D male)	CCPTAY 21,245,80
2T01T09	orl-man TDLo:320 mg/kg (16W male)	JRPFA4 32,365,73
1T01	unk-man TDLo:22286 ug/kg (52D male)	HMMRA2 4,386,72
1T53	orl-rat TDLo:200 mg/kg (16-19D preg)	ACENA7 44,380,63
1T22	orl-rat TDLo:110 mg/kg (1D pre)	EJPHAZ 1,438,67
2T44T53	scu-rat TDLo:200 mg/kg (17-20D preg)	EXMDA4 101,168,65
1T53	scu-rat TDLo:6 mg/kg (16-19D preg)	ACEDAB 90,139,64
1T03	scu-rat TDLo:35 mg/kg (7D male)	JRPFA4 49,237,77
2T01T09	scu-rat TDLo:70 mg/kg (7D male)	IJEBA6 15,788,77
1T23	scu-rat TDLo:525 mg/kg (35D male)	JOENAK 35,209,66
2T12T13	scu-rat TDLo:180 mg/kg (18D pre)	AEFTAA 10,57,79
1T53	ims-rat TDLo:150 mg/kg (17-20D preg)	PTRBAE 259,179,70
2T44T91	ims-rat TDLo:500 mg/kg (13-22D preg)	JOENAK 36,347,66
1T91	ims-rat TDLo:650 mg/kg (10-22D preg)	PHBHA4 8,53,72
1T03	ims-rat TDLo:1120 mg/kg (28D male)	JOENAK 42,379,68
1T03	par-rat TDLo:300 mg/kg (15D male)	GYNIAJ 2,202,72
1T53	par-rat TDLo:1900 mg/kg (7-21D preg)	JOENAK 44,461,69
1T01	imp-rat TDLo:80 mg/kg (17W male)	GYNIAJ 2,202,72
2T02T03	imp-rat TDLo:7840 ug/kg (28D male)	CCPTAY 12,517,75
1T53	unk-rat TDLo:200 mg/kg (17-20D preg)	PTRBAE 259,179,70
2T01T02	unk-rat TDLo:175 mg/kg (7D male)	IJEBA6 17,1176,79
1T53	mul-rat TDLo:1350 mg/kg (14-22D preg)	ZAENAU 127,175,68
1T44	scu-mus TDLo:1200 mg/kg (13-18D preg)	AAMMAU 63,63,74
1T47	scu-mus TDLo:30 mg/kg (5D preg)	ASBDD9 2,113,79
2T53T81	scu-mus TDLo:12 mg/kg (12-17D preg)	PHBHA4 21,515,78
2T43T49	scu-mus TDLo:30 mg/kg (8D preg)	TJADAB 25,27,82
1T34	scu-mus TDLo:30 mg/kg (2D preg)	TJADAB 25,27,82
1T29	scu-mus TDLo:120 mg/kg (2D preg)	TJADAB 25,291,82
1T39	ims-mus TDLo:200 mg/kg (1-10D preg)	JRPFA4 32,299,73
1T25	ims-mus TDLo:120 mg/kg (10-15D preg)	JRPFA4 32,299,73
1T26	ims-mus TDLo:1200 mg/kg (10-15D preg)	JRPFA4 32,299,73
1T44	ims-mus TDLo:360 mg/kg (12-14D preg)	PSEBAA 123,637,66
1T53	ims-dog TDLo:220 mg/kg (23-44D preg)	JRPFA4 23,223,70
2T12T13	scu-mky TDLo:600 mg/kg (30D pre)	AEFTAA 10,131,79
2T02T21	ims-mky TDLo:233 mg/kg (64D male)	AVBIB9 10,197,73
2T03T09	scu-rbt TDLo:350 mg/kg (28D male)	JRPFA4 44,69,75
1T53	ims-rbt TDLo:220 mg/kg (13-24D preg)	AAMMAU 55(Suppl),637,66
1T91	scu-gpg TDLo:1200 mg/kg (28-57D preg)	JOENAK 50,423,71
2T21T23	scu-gpg TDLo:210 mg/kg (35D male)	JOENAK 35,209,66
1T03	scu-gpg TDLo:500 mg/kg (25D male)	CCPTAY 14,183,76
1T53	ims-gpg TDLo:1300 mg/kg (13-40D preg)	JRPFA4 39,311,74
1T91	ims-gpg TDLo:800 mg/kg (30-45D preg)	JRPFA4 37,315,74
2T02T03	scu-ham TDLo:1280 mg/kg (40D male)	IJEBA6 15,959,77

TUMORIGENIC DATA AND REFERENCES:

2V03L60	orl-rat TDLo:27 gm/kg/78W	LANCAO 2,688,76

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:565 mg/kg	IYKEDH 13,349,82
*	ipr-mus LD50:3300 mg/kg	NIIRDN 6,APP-4,82

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AEMBAP 27,227,72; RPHRA6 26,337,70

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ2240000 CYCLOPROP(e)INDENE-6b(1H)-CARBOXYLIC ACID, 1a,2-DIFORMYL-1a,3a,4,5,6,6a-HEXAHYDRO- 5,5-DIMETHYL-, METHYL ESTER, (1aS-(1a-alpha,3a-beta,6a-beta,6b-alpha))-

UPDT:8312 CAS: 2213-00-5 MW: 276.36 MOLFM: C16-H20-O4

SYN: MARASMIC ACID METHYL ESTER * METHYL MARASMATE

MUTATION DATA AND REFERENCES:

	mma-sat 50 ug/disc	JANTAJ 36,155,83
	dni-mus-ast 3 mg/L	JANTAJ 36,155,83
	oms-mus-ast 3 mg/L	JANTAJ 36,155,83

1-CYCLOPROPYLAMIDINO-3-(2,6-DIMETHYLPHENYL)-UREA HYDROCHLORIDE see: YS7893000

GZ2450000 CYCLOPROPYLAMINE, 2-PHENYL-, trans-

UPDT:8408 CAS: 3721-28-6 MW: 133.21 MOLFM: C9-H11-N

SYN: PARNATE * 2-PHENYL-1-AMINOCYCLOPROPANE, trans- * trans-2-PHENYLCYCLOPROPYLAMINE * SKF 385 * TRANSAMINE * TRANYLCYPRAMINE * TRANYLCYPROMINE

MUTATION DATA AND REFERENCES:

	cyt-oin-unk 10 gm/L	JCLBA3 47,182a,70

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	ipr-rat TDLo:10 mg/kg (1D pre)	FEPRA7 24,129,65

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:30 mg/kg	ECTXAV 3,597,65
	orl-mus LD50:20 mg/kg	BCPCA6 17,369,68
	ipr-mus LD50:43 mg/kg	ARZNAD 29,946,79
	scu-mus LD50:30 mg/kg	BCPCA6 17,369,68

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GZ2710000 CYCLOPROPYLAMINE, 2-(3,4,5-TRIMETHOXYPHENYL)-

UPDT:8407 CAS: 17061-21-1 MW: 223.30 MOLFM: C12-H17-N-O3

SYN: TMT * 2-(3,4,5-TRIMETHOXYPHENYL)-CYCLOPROPYLAMINE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:76500 ug/kg	NATUAS 218,298,68

N-((CYCLOPROPYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YS7893000

N-CYCLOPROPYL-9,10-DIDEHYDRO-6-METHYL-ERGOLINE-8-beta-CARBOXAMIDE MALEATE see: KE2940000

dl-alpha-CYCLOPROPYL-alpha,p-DIMETHYLBENZYL ALCOHOL see: KK3544000

N-CYCLOPROPYLMESCALINE HYDROCHLORIDE see: SM2156000

1-(4-(2-(CYCLOPROPYLMETHOXY)ETHOXY)PHENOXY)-3-tert-BUTYLAMINOPROPAN-2-OL FUMARATE see: UA9821000 2-PROPANOL, 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHOXY)PHENOXY)-3-((1,1-DIMETHYLETHYL)AMINO)-, (E)-2-BUTENEDIOATE (2:1) (salt)

1-(4-(2-(CYCLOPROPYLMETHOXY)ETHOXY)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE see: UA9822000 2-PROPANOL, 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHOXY)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE

1-(4-(2-(CYCLOPROPYLMETHOXY)ETHYL)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE see: UA9823000 2-PROPANOL, 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE

1-(4-(CYCLOPROPYLMETHOXYMETHYL)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL see: UA9824000 2-PROPANOL, 1-(4-((CYCLOPROPYLMETHOXY)METHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-

1-(4-(CYCLOPROPYLMETHOXY)PHENOXY)-3-tert-BUTYLAMINOPROPAN-2-OL HYDROCHLORIDE see: UA98250002-PROPANOL, 1-(4-(CYCLOPROPYLMETHOXY)PHENOXY)-3-((1,1-DIMETHYLETHYL)AMINO)-, HYDROCHLORIDE

1-(4-(CYCLOPROPYLMETHOXY)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE see: UA98260002-PROPANOL, 1-(4-(CYCLOPROPYLMETHOXY)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE

alpha-CYCLOPROPYL-alpha-(p-METHOXYPHENYL)-5-PYRIMIDINEMETHANOL see: UV9280000

alpha-CYCLOPROPYL-alpha-(4-METHOXYPHENYL)-5-PYRIMIDINEMETHANOL see: UV9280000

alpha-CYCLOPROPYL-4-METHOXY-alpha-(PYRIMIDIN-5-YL)BENZYL ALCOHOL see: UV9280000

alpha-CYCLOPROPYL-4-METHOXY-alpha-(PYRIMIDIN-5-YL)-BENZYLALKOHOL (German) see: UV9280000

5-CYCLOPROPYL-3-METHOXY-as-TRIAZINE see: XY5830000

6-(CYCLOPROPYLMETHYL)-1,2-DIMETHOXYNORAPORPHINE see: RB5916000

2-CYCLOPROPYLMETHYL-5,9-DIMETHYL-2'-HYDROXY-6,7-BENZOMORPHAN see: PB8585000

3-CYCLOPROPYLMETHYL-6(eq),11(ax)-DIMETHYL-2,6-METHANO-3-BENZAZOCIN-8-OL see: PB8585000

17-(CYCLOPROPYLMETHYL)-4,5-EPOXY-3,14-DIHYDROXYMORPHINAN-6-ONE see: QD2155000

3-(CYCLOPROPYLMETHYL)-1,2,3,4,5,6-HEXAHYDRO-6,11-DIMETHYL-2,6-METHANO-3-BENZAZOCIN-8-OL see: PB8585000

N-CYCLOPROPYLMETHYL-14-HYDROXYDIHYDROMORPHINONE see: QD2155000

2-CYCLOPROPYLMETHYL-2'-HYDROXY-5,9-DIMETHYL-6,7-BENZOMORPHAN see: PB8585000

17-(CYCLOPROPYLMETHYL)MORPHINAN-3-OL see: QC9100000

2-CYCLOPROPYL-1-METHYL-5-NITRO-1H-IMIDAZOLE see: NI4700000

1-CYCLOPROPYL-3-METHYL-3-NITROSOUREA see: YS7894000

N-CYCLOPROPYLMETHYLNORNUCIFERINE see: RB5916000

N-CYCLOPROPYLMETHYLNOROXYMORPHONE see: QD2155000

1-CYCLOPROPYLMETHYL-2-SKATYLPIPERIDINE see: NL6110C00

5-CYCLOPROPYL-3-(METHYLTHIO)-as-TRIAZINE see: XY5835000

dl-CYCLOPROPYL METHYL p-TOLYL CARBINOL see: KK3544000

N-(CYCLOPROPYLMETHYL)-alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-N-PROPYL-p-TOLUIDINE see: XU5785000

N-(CYCLOPROPYLMETHYL)-3,4,5-TRIMETHOXYPHENETHYLAMINE HYDROCHLORIDE see: SM2156000

DL-1-(o-CYCLOPROPYLPHENOXY)-3-ISOPROPYLAMINO-2-PROPANOL HYDROCHLORIDE see: UA9830130

1-(o-CYCLOPROPYLPHENOXY)-3-(ISOPROPYLAMINO)-2-PROPANOL HYDROCHLORIDE see: UA9830100

1-(4-(CYCLOPROPYLPROPOXYPHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE see: UA9835000 2-PROPANOL, 1-(4-(3-CYCLOPROPYLPROPOXY)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE

1-(4-(3-CYCLOPROPYLPROPOXY)PHENOXY)-3-((1-METHYLETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE see: UA9835000 2-PROPANOL, 1-(4-(3-CYCLOPROPYLPROPOXY)PHENOXY)-3-((1-METHYLETHYL)AMINO)-,HYDROCHLORIDE

dl-1-CYCLOPROPYL-1-(p-TOLYL)ETHANOL see: KK3544000

CYCLOPROVERA see: TU5010050

CYCLORPHAN see: QC9100000

CYCLORYL 21 see: WT1050000

CYCLORYL 31 see: WT1050000

CYCLORYL 580 see: WT1050000

CYCLORYL 585N see: WT1050000

BEST COPY AVAILABLE

CYCLORYL NA see: WB7350000
CYCLORYL NA 61 see: WB7350000
CYCLORYL OS see: WT1175000
CYCLORYL TAWF see: WT1000000
CYCLORYL WAT see: WT1000000
CYCLOSAN see: OV8750000
CYCLOSERINE see: NY2975000
(+)-CYCLOSERINE see: NY2975000
D-CYCLOSERINE see: NY2975000
CYCLO-D-SERINE see: NY2975000
DL-CYCLOSERINE see: NY2974900
L-CYCLOSERINE see: NY2976000
CYCLOSIA see: RG7850000

GZ4060000 CYCLOSILOXANE, PHENYLMETHYL-, mixed copolymer
UPDT:8402
SYN: MIXED PHENYLMETHYLCYCLOSILOXANE * PM_xMM_y

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-rat TDLo:1100 mg/kg (8-12D preg)	TXAPA9 21,29,72
1T25	orl-rat TDLo:880 mg/kg (10-13D preg)	TXAPA9 21,29,72
1T53	orl-rat TDLo:660 mg/kg (16-18D preg)	TXAPA9 21,29,72
1T03	orl-rat TDLo:23 gm/kg (7D male)	TXAPA9 21,45,72
2T01T02	skn-rat TDLo:120 gm/kg (60D male)	TXAPA9 21,29,72
2T01T02	orl-rbt TDLo:5600 mg/kg (28D male)	TXAPA9 21,15,72
1T24	orl-rbt TDLo:200 mg/kg (4-5D preg)	JRPFA4 34,451,73
1T01	skn-rbt TDLo:1 gm/kg (20D male)	TXAPA9 21,15,72
1T02	skn-rbt TDLo:200 mg/kg (20D male)	TXAPA9 21,15,72
1T75	skn-rbt TDLo:650 gm/kg (6-18D preg)	TXAPA9 21,15,72
1T46	skn-rbt TDLo:2600 mg/kg (6-18D preg)	TXAPA9 21,15,72
1T46	scu-rbt TDLo:2600 mg/kg (6-18D preg)	TXAPA9 21,15,72
1T25	scu-rbt TDLo:13 gm/kg (6-18D preg)	TXAPA9 21,15,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOSPASMOL see: OO8200000
CYCLOSPASMOL (TEMPELHOF) see: GU6825000

GZ4120000 CYCLOSPORIN A
UPDT:8411 CAS: 59865-13-3 MW: 1202.84 MOLFM: C62-H111-N11-O12

TUMORIGENIC DATA AND REFERENCES:

2V01P62	orl-man TDLo:259 mg/kg/2W-C	CEDEDE 8,159,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOTEN see: GY7298000
CYCLOTENE see: GY7298000
CYCLOTETRAMETHYLENE OXIDE see: LU5950000
CYCLOTETRAMETHYLENE SULFONE see: XN0700000
CYCLOTETRAMETHYLENETETRANITRAMINE see: XF7450000
CYCLOTETRAMETHYLENE TETRANITRAMINE (DRY) (DOT) see: XF7450000
CYCLOTETRAMETHYLENETETRANITRAMINE, containing, by weight, at least 15% water (DOT) see: XF7450000

GZ4390000 CYCLOTETRASILOXANE, 2,6-DIPHENYLHEXAMETHYL-, Z-
UPDT:8408 CAS: 33204-76-1 MW: 420.82 MOLFM: C18-H28-O4-Si4
SYN: CISOBITAN * CYCLIC 2,6-cis-DIPHENYLHEXAMETHYLCYCLOTETRASILOXANE * CYCLOTETRASILOXANE, 2,6-DIPHENYL-2,4,4,6,8,8-HEXAMETHYL-, (Z)- * CYCLOTETRASILOXANE, 2,2,4,6,6,8-HEXAMETHYL-4,8-DIPHENYL-, cis- * cis-2,6-DIPHENYL-2,4,4,6,8,8-HEXAMETHYLCYCLOTETRASILOXANE * 2,6-cis-DIPHENYLHEXAMETHYLCYCLOTETRASILOXANE * KABI 1774 * QUADROSILAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-rat TDLo:300 ug/kg (3D pre)	TXAPA9 21,68,72
1T22	orl-rat TDLo:1 mg/kg (1D preg)	BIREBV 7,260,72
1T29	orl-rat TDLo:3 mg/kg (1D preg)	BIREBV 7,260,72
1T25	orl-rat TDLo:10 mg/kg (5D preg)	BIREBV 7,260,72
1T03	orl-rat TDLo:7 mg/kg (7D male)	TXAPA9 21,55,72
2T02T03	orl-rat TDLo:231 mg/kg (7D male)	TXAPA9 21,80,72
1T13	scu-rat TDLo:3 mg/kg (3D pre)	TXAPA9 21,68,72
1T03	orl-mus TDLo:210 mg/kg (21D male)	TXAPA9 21,55,72
2T03T09	orl-dog TDLo:10 gm/kg (40D male)	APTSAI 36(3),93,75
2T01T02	orl-dog TDLo:400 mg/kg (40D male)	APTSAI 36(3),93,75
1T03	orl-dog TDLo:400 mg/kg (40D male)	APTSAI 31(Suppl 1),17,72
1T01	orl-mky TDLo:28 mg/kg (28D male)	APTSAI 36(3),81,75
1T02	orl-mky TDLo:280 mg/kg (28D male)	APTSAI 36(3),81,75
1T02	orl-rbt TDLo:4 mg/kg (2D male)	JRPFA4 31,517,72
1T01	orl-rbt TDLo:30 mg/kg (15D male)	JRPFA4 31,517,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOTETRASILOXANE, 2,2,4,6,6,8-HEXAMETHYL-4,8-DIPHENYL-, cis- see: GZ4390000
CYCLOTETRASILOXANE, 2,6-DIPHENYL-2,4,4,6,8,8-HEXAMETHYL-, (Z)- see: GZ4390000
CYCLOTHIAZIDE see: DK9610000
CYCLOTON V see: BQ7875000
CYCLOTRIMETHYLENENITRAMINE see: XY9450000
CYCLOTRIMETHYLENETRINITRAMINE see: XY9450000
CYCLOTRIMETHYLENETRINITRAMINE mixed with CYCLOTETRAMETHYLENETETRANITRAMINE (DOT) see: XY9460000
CYCLOTRIMETHYLENETRINITRAMINE (DOT) see: XY9450000
CYCLOTRIMETHYLENETRINITRAMINE, containing, by weight, at least 15% water (DOT) see: XY9450000

GZ4850000 1H-CYCLOUNDEC(d)ISOINDOLE-1,11(2H)-DIONE, 3-BENZYL-3,3-alpha,4,5,6,6-alpha,9,10,12,15- DECAHYDRO-6,12,15-TRIHYDROXY-4,10,12-TRIMETHYL-5-METHYLENE-, 15-ACETATE
UPDT:8412 CAS: 22144-77-0 MW: 507.68 MOLFM: C30-H37-N-O6
SYN: CYTOCHALASIN D * ZYGOSPORIN A

MUTATION DATA AND REFERENCES:

	cyt-hmn:hla 1 mg/L	ECREAL 91,47,75
	cyt-hmn:oth 1 mg/L	ECREAL 91,47,75
	cyt-hmn:oth 1 mg/L	ECREAL 91,47,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	ipr-rat TDLo:2 gm/kg (7-11D preg)	TJADAB 23,223,81
1T41	orl-mus TDLo:37 mg/kg (7-11D preg)	TJADAB 16,131,77
1T35	ipr-mus TDLo:2100 ug/kg (7-9D preg)	TJADAB 25,11,82
1T41	ipr-mus TDLo:900 ug/kg (7-9D preg)	TJADAB 25,11,82
1T46	ipr-mus TDLo:4100 ug/kg (7-11D preg)	TJADAB 16,131,77
1T43	ipr-mus TDLo:4700 ug/kg (7-11D preg)	TJADAB 16,131,77
2T35T41	ipr-ham TDLo:1 mg/kg (8D preg)	TJADAB 22,59,80

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:900 ug/kg	TJADAB 15,27A,77
	orl-mus LD50:36 mg/kg	JJEMAG 48,105,78
2C06F13	ipr-mus LD50:2 mg/kg	TJADAB 25,11,82
	scu-mus LD50:1850 ug/kg	JJEMAG 48,105,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYCLOVEGANTINE see: GU6825000
CYCLOVESANTINE see: GU6825000
CYCLOVIROBUXIN D see: GZ0590030
CYCLOVIROBUXINE see: GZ0590030
CYCLOVIROBUXINE D see: GZ0590030
CYCOCEL see: BP5250000
CYCOCEL-EXTRA see: BP5250000
CYCOGAN see: BP5250000
CYCOGAN EXTRA see: BP5250000
CYCOLAC see: AT6970000
CYCOLAC AM 1000 see: AT6970000
CYCOLAC CIT 31336 see: AT6970000
CYCOLAC DH 1000 see: AT6970000
CYCOLAC E see: AT6970000
CYCOLAC EP 3510 see: AT6970000
CYCOLAC EPB see: AT6970000
CYCOLAC GSE 1000 see: AT6970000
CYCOLAC GSM see: AT6970000
CYCOLAC GT 4502 see: AT6970000
CYCOLAC H see: AT6970000
CYCOLAC HE see: AT6970000
CYCOLAC HM see: AT6970000
CYCOLAC KA see: AT6970000
CYCOLAC L see: AT6970000
CYCOLAC L 1000 see: AT6970000
CYCOLAC LL see: AT6970000
CYCOLAC LS 1000 see: AT6970000
CYCOLAC MS see: AT6970000
CYCOLAC R 10 see: AT6970000
CYCOLAC T see: AT6970000
CYCOLAC T 1100 see: AT6970000
CYCOLAC T 2098 see: AT6970000
CYCOLAC TD see: AT6970000
CYCOLAC TD 1001 see: AT6970000
CYCOLAC X 27 see: AT6970000
CYCOLAMIN see: GG3750000
CYCOLOY see: AT6970000
CYCOPAC see: AT6970000
CYCOVIN see: AT6970000
dCYD see: HA3800000
CYETHOXYDIM see: GW7191000
CYFEN see: TG0350000
CYFLEE see: TF7525000
CYFLEE see: TF7650000
CYFLUTHRIN see: GZ1253000
CYFOS see: RP6050000
CYGNOLIN see: CB1225000
CYGON see: TE1750000
CYGON 4E see: TE1750000
CYGON INSECTICIDE see: TE1750000
CYHEPTAMIDE see: HO7878000
CYHEPTAMINE see: HO7878000
CYHEXATIN see: WH8750000
3-CYJANOPIRYDYNA (Polish) see: QT3030000
CYJANOWODOR (Polish) see: MW6825000
CYKAZINE see: LZ5950000
CYKLODORM see: CQ2975000
CYKLOHEKSAN (Polish) see: GU6300000
CYKLOHEKSANOL (Polish) see: GV7875000
CYKLOHEKSANON (Polish) see: GW1050000
CYKLOHEKSEN (Polish) see: GW2500000
CYKLOKAPRON see: GU8400000
CYKOBEMINET see: GG3750000
CY-L 500 see: GS6000000
CYLAN see: GV7100000
CYLAN see: NJ6400000
CYLAN see: NJ6475000
CYLERT see: RY1105000
CYLINDROCHLORIN see: VH3707550

GZ5570000 CYLISTA SCARIOSA Roxb., root extract
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 6,232,68)
UPDT:8302
SYN: GHEWARI ROOT EXTRACT

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:2000 mg/kg	IJEBA6 6,232,68

CYLPHENICOL see: AB6825000
CYMAG see: VZ7525000
CYMARIGENIN see: FH5425000

GZ5600000 CYMARIN
UPDT:8408 CAS: 508-77-0 MW: 548.74 MOLFM: C30-H44-O9
SYN: 5 beta-CARD 20(22)-ENOLIDE, 3-beta-(beta-D-CYMAROSYLOXY)-5,14-DIHYDROXY-19-OXO- * CYMARINE * K-STROPHANTHIN-alpha

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:20 mg/kg	AIPTAK 155,165,65
*	ipr-mus LD50:12 mg/kg	AIPTAK 155,165,65
*	ivn-cat LD50:95 ug/kg	MEIEDD 10,397,83
*	unk-cat LDLo:110 ug/kg	AIPTAK 148,471,64

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 8SELDJ -,189,83; CHIMAD 5,93,51

CYMARINE see: GZ5600000
CYMATE see: ZH0525000
CYMBI see: XH8350000
CYMBI see: XH8425000

GZ5818800 CYMBOPOGON MARTINII (Roxb.) Wats., extract
DEF: Indian plant belonging to the family GRAMINEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: RAUNS, extract

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:500 mg/kg	IJEBA6 15,208,77

CYMBUSH see: GZ1250000
CYMEL see: OS0700000
CYMENE see: GZ5950000

GZ5949800 m-CYMENE
CAS: 535-77-3 MW: 134.24 MOLFM: C10-H14
SYN: UN 2046 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO-FLAMMABLE or COMBUSTIBLE LIQUID; LABEL-FLAMMABLE LIQUID	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GZ5949900 o-CYMENE
CAS: 527-84-4 MW: 134.24 MOLFM: C10-H14

SYN: UN 2046 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE or COMBUSTIBLE LIQUID; CFRGBR 49,172.102,83
LABEL:FLAMMABLE LIQUID
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GZ5950000 p-CYMENE
UPDT:8403 CAS: 99-87-6 MW: 134.24 MOLFM: C10-H14
SYN: BENZENE, 1-ISOPROPYL-4-METHYL- * CAMPHOGEN * CUMENE, p-METHYL- * CYMENE * CYMOL * DOLCYMENE * 4-ISOPROPYL-1-METHYLBENZENE * p-ISOPROPYLTOLUENE * p-METHYLISOPROPYL BENZENE * 1-METHYL-4-ISOPROPYLBENZENE * PARACYMENE * PARACYMOL * UN 2046 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,401,74
MUTATION DATA AND REFERENCES:
cyt-smc 200 umol/tube HEREAY 33,457,47
TOXICITY DATA AND REFERENCES:
3D18F07K12 orl-rat LD50:4750 mg/kg FCTXAV 2,327,64
2F11J25 ihl-rat LCLo:5000 ppm/45M AMIHAB 18,9,58
STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE or COMBUSTIBLE LIQUID; CFRGBR 49,172.102,83
LABEL:FLAMMABLE LIQUID
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
p-CYMENE-7-CARBOXALDEHYDE see: AB2920000

GZ5980000 p-CYMENE-2-CARBOXYLIC ACID, 3-(2-(DIETHYLAMINO)ETHYLCARBAMOYLMETHOXY)-, METHYL ESTER
UPDT:8310 CAS: 53206-91-0 MW: 364.54 MOLFM: C20-H32-N2-O4
SYN: BENZOIC ACID, 2-(2-(DIETHYLAMINO)ETHYLCARBAMOYLMETHOXY)-3-ISOPROPYL-6-METHYL-, METHYL ESTER * 6-ALLYL-3-HYDROXY-p-CYMENE-2-CARBOXYLIC ACID * 5-ALLYL-2-HYDROXY-3-ISOPROPYL-6-METHYLBENZOIC ACID
TOXICITY DATA AND REFERENCES:
2F05F17 ipr-mus LD50:200 mg/kg JMPCAS 2,213,60
ivn-mus LD50:42 mg/kg EJMCA5 9,156,74

GZ6314050 p-CYMENE, 3-CHLORO-
UPDT:8410 CAS: 4395-80-6 MW: 168.68 MOLFM: C10-H13-Cl
TOXICITY DATA AND REFERENCES:
3C08J26J30 scu-mus LD50:750 mg/kg JJPAAZ 3,99,54
p-CYMENE, 3-(2-(N-(2-CHLOROETHYL)-N-ETHYLAMINO)ETHOXY)-, HYDROCHLORIDE see: SI7716500
p-CYMENE, 3-(2-(DIMETHYLAMINO)ETHOXY)- see: SI7776000
p-CYMENE, 2-HYDROXY- see: FI1225000
p-CYMENE, 3-HYDROXY- see: XP2275000
2-p-CYMENOL see: FI1225000
p-CYMEN-3-OL see: XP2275000

GZ7260000 p-CYMEN-7-OL
UPDT:8305 CAS: 536-60-7 MW: 150.24 MOLFM: C10-H14-O
SYN: BENZYL ALCOHOL, p-ISOPROPYL * CUMIC ALCOHOL * CUMINIC ALCOHOL * CUMINOL * CUMINYL ALCOHOL * CUMYL ALCOHOL * p-ISOPROPYLBENZYL ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,871,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1020 mg/kg FCTXAV 12,871,74
* skn-rbt LD50:2500 mg/kg FCTXAV 12,871,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
3-p-CYMENOL see: XP2275000
CYMETHION see: PD0457000
CYMETRIN see: XY4025000
CYMOL see: GZ5950000
CYMONIC ACID see: AH5950000
CYMOXANIL see: AB5957000
m-CYM-5-YL METHYLCARBAMATE see: FB8050000
CYN see: GD8970000

GZ8305800 CYNANCHUM HEYDEI Hk. f., extract excluding roots
DEF:Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1G07 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

GZ8306000 CYNARA SCOLYMUS Linn., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 9,91,71)
UPDT:8302
SYN: HATHI-CHOKA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71
CYNARIN see: GD8970000
CYNARINE see: GD8970000
CYNARON see: PD0456000
CYNAUSTINE HYDROCHLORIDE see: EK7792000
CYNAUSTRALINE HYDROCHLORIDE see: EK7788000
CYNEM see: TF5775000
CYNKOTOX see: ZH3325000
CYNKU TLENEK (Polish) see: ZH4810000
CYNODONTIN see: CB8079000
CYNOGAN see: YQ9100000
CYNOGLOSSOFINE HYDROCHLORIDE see: EM9252440 2-BUTENOIC ACID, 2-METHYL-, 7-((2,3-DIHYDROXY-2(1-HYDROXY-1-METHYLETHYL)-1-OXOBUTOXY) METHYL)-2,3,5,7a-TE:RAHYDRO-1H-PYRROLIZIN-1-YL ESTER,HYDROCHLORIDE
CYNOGLOSSOPHINE HYDROCHLORIDE see: EM9252440 2-BUTENOIC ACID, 2-METHYL-, 7-((2,3-DIHYDROXY-2-(1-HYDROXY-1-METHYLETHYL)-1-OXOBUTOXY) METHYL)-2,3,5,7a-TETRAHYDRO-1H-PYRROLIZIN-1-YLESTER, HYDROCHLORIDE

GZ8496000 CYNOGLOSSUM GLOCHIDIATUM Wall., extract
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 16,226,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

GZ8496100 CYNOGLOSSUM ZEYLANICUM Wighter Wall., extract excluding roots
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
2H02N22 ipr-rat LD50:50 mg/kg IJEBA6 16,228,78
CYNOTOXIN see: FH5425000
CYOCEL see: BP5250000
CYODRIN see: GQ5075000
CYOLAN see: NJ6400000
CYOLANE see: NJ6400000
CYOLANE see: NJ6475000
CYOLANE CYLAN see: NJ6475000
CYOLANE INSECTICIDE see: NJ6400000
CYOLANE INSECTICIDE see: NJ6475000
CYOMETRINIL see: CY1697000
CYP see: TB1750000
CYPENTIL see: TM3500000
CYPERKILL see: GZ1250000
CYPERMETHRIN see: GZ1250000

GZ8955000 CYPERUS BREVIFOLIUS (Rottl.) Hassk., extract
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

GZ8957000 CYPERUS COMPACTUS Retz., extract excluding roots
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
3M10V30Y55 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

GZ8960000 CYPERUS IRIA Linn., extract
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

GZ8970000 CYPERUS NIVEUS Retz., extract
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: MOTHA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg IJEBA6 6,232,68

GZ8974000 CYPERUS ROTUNDUS Linn., rhizome extract
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:681 mg/kg IJEBA6 18,594,80

GZ8975000 CYPERUS ROTUNDUS, root extract
DEF:Tuberous root extract, a triterpenoid, from Indian plant CYPERUS ROTUNDUS (IJMRAQ 59,76,71)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:50 mg/kg IJMRAQ 59,76,71

GZ8980000 CYPERUS SCARIOSUS R. Br., rhizome extract
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: NAGARMUTHA RHIZOME EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:250 mg/kg IJEBA6 7,250,69
CYPERUS SCARIOSUS OIL see: RI7188600 OIL of CYPERUS SCARIOSUS (R.Br.)
CYPIP see: TL1225000
CYPONA see: TC0350000
CYPONA E.C. see: GQ5075000
CYPRAZINE see: XY5380000

GZ9090000 CYPRESS OIL
UPDT:8305 CAS: 8013-86-3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,699,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
CYPREX see: MF1750000
CYPREX 65W see: MF1750000
CYPROHEPTADIENE HYDROCHLORIDE see: TM7050000
CYPROHEPTACINE see: TM7000000
CYPROHEPTADINE see: TM7050000
CYPROHEPTADINE HYDROCHLORIDE see: TM7050000
CYPROMIN see: UY0350000
CYPRON see: TZ0175000
CYPROSTERONE ACETATE see: GZ2230000
CYPROTERON see: GZ2228000
CYPROTERONE see: GZ2228000
CYPROTERONE ACETATE see: GZ2230000
CYPROTERON-R ACETATE see: GZ2230000
CYRAL see: UV9100000
CYREDIN see: GG3750000
CYREM see: WJ5600000
CYREN A see: WJ5600000
CYREN B see: WJ5775000
CYREZ 933 see: YU1610000
CYREZ 963 RESIN see: XZ1065000
CYRPON see: TZ0175000
CYSTAMIN see: MN4725000
CYSTAMINE see: KR7175000
CYSTAMINE 'MCCLUNG' see: US7875000
CYSTAPHOS see: TE6483500
CYSTAPHOS SODIUM SALT see: TE6483500
CYSTEAMIDE see: KJ0175000
CYSTEAMIN see: KJ0175000
CYSTEAMINE see: KJ0175000
CYSTEAMINE HYDROCHLORIDE see: KJ0200000
CYSTEIN see: HA1600000
CYSTEINAMINE see: KJ0175000
CYSTEINAMINE DISULFIDE see: KR7175000
CYSTEINE see: HA1600000

HA1600000 CYSTEINE, L-
UPDT:8408 CAS: 52-90-4 MW: 121.17 MOLFM: C3-H7-N-O2-S
SYN: CYSTEIN * CYSTEINE * L-CYSTEINE (9CI) * L-(+)-CYSTEINE * HALF-CYSTEINE * HALF-CYSTINE * beta-MERCAPTOALANINE * THIOSERINE
MUTATION DATA AND REFERENCES:
mma-sat 8 mmol/L SCIEAS 220,961,83
mma-esc 25 mmol/plate BZARAZ 32,1146,79
mma-omi 25 mmol/plate BZARAZ 32,1146,79
dns-hmn:fbr 1 mmol/L CALEDQ 5,199,78
dni-rat:lvr 1 mmol/l ABBIA4 166,400,75
cyt-ham:ovr 1 mmol/L CALEDQ 5,199,78
sce-ham:ovr 100 umol/L MUREAV 68,351,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T26 ipr-rat TDLo:100 mg/kg (12D preg) PSEBAA 139,62,72
1T86 orl-mus TDLo:3600 mg/kg (7-12D preg) TOIZAG 24,667,77
1T14 orl-mus TDLo:27600 mg/kg (23D pre) ENDOAO 69,331,61
1T03 orl-mus TDLo:6 gm/kg (30D male) OYYAA2 7,1251,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5580 mg/kg NIIRDN 6,318,82
3F07F19J25 ipr-rat LD50:1620 mg/kg OYYAA2 7,1251,73
3F07F19J25 scu-rat LD50:1550 mg/kg OYYAA2 7,1251,73
orl-mus LD50:660 mg/kg ARTODN 41,79,78
3F07F19J25 ipr-mus LD50:1400 mg/kg OYYAA2 7,1251,73
3F07F19J25 scu-mus LD50:1360 mg/kg OYYAA2 7,1251,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, DPIRDU 3(1),14,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-CYSTEINE (9CI) see: HA1600000
L-(+)-CYSTEINE see: HA1600000

HA1660000 CYSTEINE, N-ACETYL-, L-
UPDT:8403 CAS: 616-91-1 MW: 163.21 MOLFM: C5-H9-N-O3-S
SYN: L-alpha-ACETAMIDO-beta-MERCAPTOPROPIONIC ACID * ACETYLCYSTEINE * N-ACETYLCYSTEINE * N-ACETYL-n-CYSTEINE * N-ACETYL-L-CYSTEINE * N-ACETYL-3-MERCAPTOALANINE * AIRBRON * BRONCHOLYSIN * FLUIMUCETIN * FLUIMUCIL * INSPIR * MERCAPTURIC ACID * MUCOLYTICUM * MUCOMYST * MUCOSOLVIN * NAC * PARVOLEX * RESPAIRE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5050 mg/kg		TXAPA9 18,185,71
1K30	ivn-rat LD50:1140 mg/kg		EJRDD2 61(Suppl 111),45,80
*	orl-mus LD50:7888 mg/kg		THEWA6 30,1926,80
	ipr-mus LD50:400 mg/kg		NTIS** AD691-490
3A11F07J30	ivn-mus LD50:3800 mg/kg		JMCMAR 10,1172,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 12(5),601,78; PBPSDY 2,479,79; EJRDD2 61(Suppl 111),45,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

CYSTEINE, S-(CARBOXYMETHYL)- (9CI) see: AY4341000
L-CYSTEINE, S-(1,2-DICHLOROETHYLENEYL)- (9CI) see: AY5075000
CYSTEINE DISULFIDE see: HA2690000
CYSTEINE ETHYL ESTER HYDROCHLORIDE see: HA1820000

HA1820000 CYSTEINE, ETHYL ESTER, HYDROCHLORIDE, L-
UPDT:8405 CAS: 868-59-7 MW: 185.69 MOLFM: C5-H11-N-O2-S Cl-H
SYN: CYSTEINE ETHYL ESTER HYDROCHLORIDE * L-CYSTEINE, ETHYL ESTER, HYDROCHLORIDE (9CI) * ETHYL CYSTEINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5 gm/kg		NIIRDN 6,113,82
*	scu-rat LD50:2120 mg/kg		NIIRDN 6,113,82
*	ivn-rat LD50:725 mg/kg		NIIRDN 6,113,82
*	orl-mus LD50:3470 mg/kg		NIIRDN 6,113,82
*	ipr-mus LD50:854 mg/kg		CPBTAL 20,721,72
*	scu-mus LD50:1550 mg/kg		NIIRDN 6,113,82
*	ivn-mus LD50:688 mg/kg		NIIRDN 6,113,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

L-CYSTEINE, ETHYL ESTER, HYDROCHLORIDE (9CI) see: HA1820000
CYSTEINE-GERMANIC ACID see: LY5235000

HA2400000 CYSTEINE, IRON(II) chelate
UPDT:8307 MW: 178.03 MOLFM: C3-H8-N-O2-S Fe

MUTATION DATA AND REFERENCES:

	cyt-ham:ovr 2 mmol/L	CNREA8 41,1628,81

HA2420000 L-CYSTEINE, N-(2-MERCAPTO-2-METHYL-1-OXOPROPYL)-
UPDT:8309 CAS: 65002-17-7 MW: 223.33 MOLFM: C7-H13-N-O3-S2
SYN: N-(2-MERCAPTO-2-METHYL-1-OXOPROPYL)-L-CYSTEINE * N-(2-MERCAPTO-2-METHYLPROPANOYL)-L-CYSTEINE * SA96

TOXICITY DATA AND REFERENCES:

3D17F17J24	orl-rat LD50:3900 mg/kg		IYKEDH 14,346,83
3D17F17J24	ipr-rat LD50:353 mg/kg		IYKEDH 14,346,83
3D17F17J24	scu-rat LD50:1021 mg/kg		IYKEDH 14,346,83
3D17F17J24	ivn-rat LD50:1006 mg/kg		IYKEDH 14,346,83
3D17F17J24	orl-mus LD50:4500 mg/kg		IYKEDH 14,346,83
3D17F17J24	ipr-mus LD50:420 mg/kg		IYKEDH 14,346,83
3D17F17J24	scu-mus LD50:1090 mg/kg		IYKEDH 14,346,83
3D17F17J24	ivn-mus LD50:1100 mg/kg		IYKEDH 14,346,83

HA2422000 L-CYSTEINE, N-(2-MERCAPTO-2-METHYL-1-OXOPROPYL)-, SODIUM SALT
UPDT:8309 MW: 245.31 MOLFM: C7-H12-N-O3-S2 Na
SYN: N-(2-MERCAPTO-2-METHYL-1-OXOPROPYL)-L-CYSTEINE SODIUM SALT * N-(2-MERCAPTO-2-METHYLPROPANOYL)-L-CYSTEINE SODIUM SALT * SA 96 SODIUM SALT

TOXICITY DATA AND REFERENCES:

3D17F17J24	orl-rat LD50:5220 mg/kg		IYKEDH 14,346,83
3D17F17J24	ipr-rat LD50:1130 mg/kg		IYKEDH 14,346,83
3D17F17J24	scu-rat LD50:1172 mg/kg		IYKEDH 14,346,83
3D17F17J24	ivn-rat LD50:1088 mg/kg		IYKEDH 14,346,83
3D17F17J24	orl-mus LD50:6600 mg/kg		IYKEDH 14,346,83
3D17F17J24	ipr-mus LD50:1600 mg/kg		IYKEDH 14,346,83
3D17F17J24	scu-mus LD50:1350 mg/kg		IYKEDH 14,346,83
3D17F17J24	ivn-mus LD50:1090 mg/kg		IYKEDH 14,346,83

CYSTEINE, L-, MERCURY COMPLEX see: OV7354000

HA2465000 CYSTEINE, N-NITROSO-
UPDT:8303 MW: 150.17 MOLFM: C3-H6-N2-O3-S
SYN: NITROSOCYSTEINE

MUTATION DATA AND REFERENCES:

	mma-sat 25 gm/L	JNSVA5 25,317,79

CYSTEINE mixed with SODIUM NITRITE see: HA2467000

HA2467000 CYSTEINE, mixed with SODIUM NITRITE (1:1)
UPDT:8303 MW: 190.17 MOLFM: C3-H7-N-O2-S .N-Na-O2
SYN: CYSTEINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with CYSTEINE

MUTATION DATA AND REFERENCES:

	dnr-bcs 100 mmol/L	JNSVA5 25,317,79

(L-CYSTEINE)TETRAHYDROXYGERMANIUM see: LY5235000
CYSTIN see: HA2690000
CYSTINAMIN (German) see: KR7175000
CYSTINE see: HA2690000
(-)-CYSTINE see: HA2690000
L-CYSTINE (9CI) see: HA2690000

HA2690000 CYSTINE, L-
UPDT:8406 CAS: 56-89-3 MW: 240.32 MOLFM: C6-H12-N2-O4-S2
SYN: CYSTEINE DISULFIDE * CYSTIN * CYSTINE * (-)-CYSTINE * L-CYSTINE (9CI) * CYSTINE ACID * DICYSTEINE * beta,beta'-DITHIODIALANINE * OXIDIZED L-CYSTEINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03	orl-rat TDLo:9300 mg/kg (93D male)		OYYAA2 15,199,78
1T02	orl-rat TDLo:279 gm/kg (93D male)		OYYAA2 15,199,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LDLo:25 gm/kg		OYYAA2 15,199,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYSTINE ACID see: HA2690000
CYSTINEAMINE see: KR7175000

HA2940000 L-CYSTEINE, mixed with SODIUM NITRITE
UPDT:8403 MW: 190.17 MOLFM: C3-H7-N-O2-S .N-Na-O2
SYN: SODIUM NITRITE mixed with L-CYSTEINE

MUTATION DATA AND REFERENCES:

	mma-sat 100 ug/plate	ABCHA6 47,405,83
	mma-sat 1 mg/plate	ABCHA6 47,405,83

HA2950000 CYSTINIC ACID, CAPRYLYL-
UPDT:8403
SYN: CAPRYLYLCYSTINIC ACID

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg SEV	FCTOD7 20,573,82
	eye-rbt 100 mg/4S rns MOD	FCTOD7 20,573,82

CYSTISINE see: HA4025000
CYSTOCEVA see: DU2988400
CYSTO-CONRAY see: NT1981800
CYSTOGEN see: MN4725000
CYSTOIDS ANTHELMINTIC see: VH1575000
CYSTOKON see: DG0888000
CYSTOPYRIN see: L'S7875000
CYSTURAL see: UG7875000
CYTACON see: GG3750000
CYTADREN see: MA4026950
CYTAMEN see: GG3750000
CYTARABIN see: HA5425000
CYTARABINE see: HA5425000
CYTARABINE HYDROCHLORIDE see: HA5500000
CYTARABINOSIDE see: HA5425000
CYTEL see: TG0350000
CYTEMBENA see: AS4750000
CYTEMBENA see: AS4800000
CYTEN see: TG0350000
CYTHIOATE see: TF7525000
CYTHION see: WM8400000
CYTIDINDIPHOSPHOCHOLIN (German) see: GA4027000
CYTIDINE see: UW7370000
CYTIDINE CHOLINE DIPHOSPHATE see: GA4027000
CYTIDINE 5'-(CHOLINE DIPHOSPHATE) see: GA4027000
CYTIDINE COENZYME see: HA3917000

HA3800000 CYTIDINE, 2'-DEOXY-
UPDT:8405 CAS: 951-77-9 MW: 227.25 MOLFM: C9-H13-N3-O4
SYN: dCYD * CYTOSINE DEOXYRIBONUCLEOSIDE * CYTOSINE DEOXYRIBOSIDE * DEOXYCYTIDINE * 2'-DEOXYCYTIDINE * DEOXYRIBOSE CYTIDINE * DESOXYCYTIDIN (German)

MUTATION DATA AND REFERENCES:

	dns-mus:leu 3 umol/L	CALEDQ 19,147,83
	dni-ham:lng 1 mmol/L	BICMBE 64,809,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-mus TDLo:800 mg/kg (9D preg)		DZZEA7 32,861,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HA3850000 CYTIDINE, 2'-DEOXY-5-FLUORO-
UPDT:8411 CAS: 10356-76-0 MW: 245.24 MOLFM: C9-H12-F-N3-O4
SYN: FCdR * FCDR * 5-FLUOR-DESOXYCYTIDIN (German) * 5-FLUORODEOXYCYTIDINE * 5-FLUORO-2'-DEOXYCYTIDINE

MUTATION DATA AND REFERENCES:

	sce-ham:ovr 10 umol/L	CHROAU 85,603,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1TB1	ipr-mus TDLo:20 mg/kg (15-16D preg)		TJADAB 24(2),50A,81
1T46	ipr-mus TDLo:156 ug/kg (8D preg)		TJADAB 1,311,68
2T25T59	ipr-mus TDLo:6200 ug/kg (9D preg)		DZZEA7 32,861,77
2T43T46	ipr-mus TDLo:1500 ug/kg (10D preg)		TJADAB 8,191,73
1T25	ipr-mus TDLo:312 ug/kg (8D preg)		TJADAB 1,311,68
3T33T34T39	ipr-mus TDLo:10 mg/kg (9D preg)		AUCMBJ 61,207,73
1T51	unk-mus TDLo:10 mg/kg (9D preg)		TJADAB 14,374,76
3T41T45T53	ipr-ham TDLo:2500 ug/kg (9D preg)		SEIJBO 11,41,71
1T25	ipr-ham TDLo:5 mg/kg (9D preg)		SEIJBO 11,41,71
1T42	ipr-ham TDLo:1250 ug/kg (9D preg)		SEIJBO 11,41,71
1T45	ipr-ham TDLo:156 ug/kg (9D preg)		SEIJBO 11,41,71

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:2000 mg/kg		ADTEAS 3,181,68

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75; ARVPAX 5,447,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HA3860000 CYTIDINE, 2'-DEOXY-5-METHYL-
UPDT:8305 CAS: 838-07-3 MW: 241.28 MOLFM: C10-H15-N3-O4
SYN: 2'-DEOXY-5-METHYLCYTIDINE * 5-METHYLDEOXYCYTIDINE

MUTATION DATA AND REFERENCES:

	dni-ham:ovr 10 umol/L	BBACAQ 697,286,82

HA3880000 CYTIDINE, 5,6-DIHYDRO-N-HYDROXY-6-(HYDROXYLAMINO)-
UPDT:8407 MW: 292.29 MOLFM: C9-H16-N4-O7
SYN: 6-HYDROXYLAMINO-1-beta-D-RIBOFURANOSYLHYDROURACIL 4-OXIME * N(4)-HYDROXY-5,6-DIHYDRO-6-HYDROXYAMINODEOXYCYTIDINE

MUTATION DATA AND REFERENCES:

	mmo-omi 700 mg/L	MUREAV 23,267,74

CYTIDINE 5'-(DIHYDROGENPHOSPHATE) see: HA3980000
CYTIDINE DIPHOSPHATE see: HA3917000
CYTIDINE-5'-DIPHOSPHATE see: HA3917000
CYTIDINE DIPHOSPHATE CHOLINE see: GA4027000
CYTIDINE 5'-DIPHOSPHATE CHOLINE see: GA4027000
CYTIDINE DIPHOSPHATE CHOLINE ESTER see: GA4027000
CYTIDINE DIPHOSPHATE CHOLIN ESTER see: GA4027000
CYTIDINE DIPHOSPHOCHOLINE see: GA4027000
CYTIDINE 5'-DIPHOSPHOCHOLINE see: GA4027000
CYTIDINE 5'-DIPHOSPHORIC ACID see: HA3917000
CYTIDINE DIPHOSPHORYLCHOLINE see: GA4027000
CYTIDINE MONOPHOSPHATE see: HA3980000
CYTIDINE 5'-MONOPHOSPHATE see: HA3980000
CYTIDINE 5'-MONOPHOSPHORIC ACID see: HA3980000
CYTIDINE 5'-PHOSPHATE see: HA3980000
CYTIDINE 5'-PHOSPHORIC ACID see: HA3980000
CYTIDINE PYROPHOSPHATE see: HA3917000
CYTIDINE 5'-PYROPHOSPHATE see: HA3917000
CYTIDINE 5'-PYROPHOSPHORIC ACID see: HA3917000

HA3914000 CYTIDINE, 5'-(TETRAHYDROGEN TRIPHOSPHATE)
UPDT:8401 CAS: 65-47-4 MW: 483.19 MOLFM: C9-H16-N3-O14-P3
SYN: CTP * 5'-CTP * CYTIDINE-5'-TRIPHOSPHATE * CYTIDINE 5'-TRIPHOSPHORIC ACID

MUTATION DATA AND REFERENCES:

	oms-hmn:oth 1 mmol/L	JIDEAE 65,52,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HA3917000 CYTIDINE, 5'-(TRIHYDROGEN PYROPHOSPHATE)
UPDT:8305 CAS: 63-38-7 MW: 403.21 MOLFM: C9-H15-N3-O11-P2
SYN: CDP * CYTIDINE COENZYME * CYTIDINE DIPHOSPHATE * CYTIDINE 5'-DIPHOSPHATE * CYTIDINE 5'-DIPHOSPHORIC ACID * CYTIDINE PYROPHOSPHATE * CYTIDINE 5'-PYROPHOSPHATE * CYTIDINE 5'-PYROPHOSPHORIC ACID

MUTATION DATA AND REFERENCES:

	oms-hmn:oth 1 mmol/L	JIDEAE 65,52,75

CYTIDINE-5'-TRIPHOSPHATE see: HA3914000
CYTIDINE 5'-TRIPHOSPHORIC ACID see: HA3914000
CYTIDOLINE see: GA4027000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

CYTIDYLIC ACID see: HA3980000

HA3980000 5'-CYTIDYLIC ACID
UPDT.8401 CAS: 63-37-6 MW: 323.22 MOLFM: C9-H14-N3-O8-P
SYN: CMP * 5'-CMP * CMP (nucleotide) * CYTIDINE 5'-(DIHYDROGENPHOSPHATE) * CYTIDINE MONOPHOSPHATE * CYTIDINE 5'-MONOPHOSPHATE * CYTIDINE 5'-MONOPHOSPHORIC ACID * CYTIDINE 5'-PHOSPHATE * CYTIDINE 5'-PHOSPHORIC ACID * CYTIDYLIC ACID
MUTATION DATA AND REFERENCES:
oms-hmn:oth 1 mmol/L JIDEAE 65,52,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HA4025000 CYTISINE
UPDT.8407 CAS: 485-35-8 MW: 190.77 MOLFM: C11-H14-N2-O
SYN: BAPTITOXIN * BAPTITOXINE * CYSTISINE * CYTITON * CYTITONE * 1,5-METHANO-8H-PYRIDO(1,2-a)(1,5)DIAZOCIN-8-ONE, 1,2,3,4,5,6-HEXAHYDRO- * SOPHORINE * ULEXINE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:101 mg/kg BJPCBM 35,161,69
ipr-mus LD50:9400 ug/kg BJPCBM 35,161,69
ivn-mus LD50:1730 ug/kg BJPCBM 35,161,69
1F23 ivn-cat LD50:400 ug/kg ITOBAO (2),104,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 12(1),1,78; PISDDJ 5,-,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HA4040000 CYTISINE, 12-(2-((2,3-DIHYDRO-5-BENZOTHIENYL)CARBONYL)ETHYL)-
UPDT.8406 MW: 380.54 MOLFM: C22-H24-N2-O2-S
SYN: 12-(2-((2,3-DIHYDRO-5-BENZOTHIENYL)CARBONYL)ETHYL)CYTISINE
TOXICITY DATA AND REFERENCES:
1F23 ipr-mus LD50:60400 ug/kg ITOBAO (2),104,78
1F23 ivn-cat LD50:5 mg/kg ITOBAO (2),104,78

HA4050000 CYTISINE, 12-(2-((3,4-DIHYDRO-2H-1-THIOBENZOPYRAN-6-YL)CARBONYL)ETHYL)-
UPDT.8406 MW: 394.57 MOLFM: C23-H26-N2-O2-S
SYN: 12-(2-((3,4-DIHYDRO-2H-1-THIOBENZOPYRAN-6-YL)CARBONYL)ETHYL)CYTISINE
TOXICITY DATA AND REFERENCES:
1F23 ipr-mus LD50:99 mg/kg ITOBAO (2),104,78
1F23 ivn-cat LD50:10 mg/kg ITOBAO (2),104,78

CYTITON see: HA4025000
CYTITONE see: HA4025000
CYTOBION see: GG3750000

HA5300100 CYTOCHALASA-6(12),13-DIENE-1,17,21-TRIONE, 7-(ACETYLOXY)-19-(ETHYLTHIO)-18-HYDROXY-16,18- DIMETHYL-10-PHENYL-, (7-beta,13E,16S,18R)-
UPDT.8411 CAS: 36856-27-6 MW: 567.80 MOLFM: C32-H41-N-O6-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:50 mg/kg CPBTAL 21,2268,73

HA5300200 CYTOCHALASA-6(12),13-DIENE-1,17,21-TRIONE, 7-(ACETYLOXY)-18-HYDROXY-19-METHOXY-16,18- DIMETHYL-10-PHENYL-, (7-beta,13E,16S,18R)-
UPDT.8411 CAS: 52717-89-2 MW: 537.71 MOLFM: C31-H39-N-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:50 mg/kg CPBTAL 21,2268,73

HA5300300 CYTOCHALASA-6(12),13-DIENE-1,17,21-TRIONE, 7,18-DIHYDROXY-19-METHOXY-16,18-DIMETHYL-10 PHENYL-, (7-beta,13E,16S,18R)-
UPDT.8411 CAS: 36667-30-8 MW: 495.67 MOLFM: C29-H37-N-O6
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:50 mg/kg CPBTAL 21,2268,73

HA5300400 CYTOCHALASA-6(12),13-DIENE-1,17,21-TRIONE, 19-(ETHYLTHIO)-7,18-DIHYDROXY-16,18-DIMETHYL-10- PHENYL-, (7-beta,13E,16S,18R)-
UPDT.8411 CAS: 36856-28-7 MW: 525.76 MOLFM: C30-H39-N-O5-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:50 mg/kg CPBTAL 21,2268,73

HA5304000 (11)CYTOCHALASA-6(12),13,19-TRIENE-1,17-DIONE, 7,18,21-TRIHYDROXY-16,18-DIMETHYL-10- PHENYL-, (7S,13E,16S,18R,19E,21R)-
UPDT.8412 CAS: 25374-67-8 MW: 465.64 MOLFM: C28-H35-N-O5
SYN: ZYGOSPORIN D
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:10 mg/kg JJEMAG 48,105,78

HA5304500 CYTOCHALASA-6(12),13,19-TRIENE-1,17,21-TRIONE, 7-(ACETYLOXY)-16,18-DIMETHYL-18-HYDROXY-10- PHENYL-, (13E,16S,18R,19E,21R)-
UPDT.8411 CAS: 25367-06-0 MW: 505.66 MOLFM: C30-H35-N-O6
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:20 mg/kg CPBTAL 21,2268,73

HA5304600 CYTOCHALASA-6(12),13,19-TRIENE-1,7,17-TRIONE, 21-(ACETYLOXY)-18-HYDROXY-16,18-DIMETHYL-10 PHENYL-, (13-beta,16S,18R,19E,21R)-
UPDT.8411 CAS: 25367-10-6 MW: 505.66 MOLFM: C30-H35-N-O6
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:20 mg/kg CPBTAL 21,2268,73

HA5320000 (11)CYTOCHALASA-6(12),13,19-TRIEN-1-ONE, 7,18,21-TRIHYDROXY-16,18-DIMETHYL-10-PHENYL-, (7S,13E,16S,18R,19E,21R)-
UPDT.8402 CAS: 53760-20-6 MW: 451.66 MOLFM: C28-H37-N-O4
SYN: DEACETYLCYTOCHALASIN H * KODOCYTOCHALASIN 2
TOXICITY DATA AND REFERENCES:
* orl-ckn LD50:37500 ug/kg JAFCAU 29,205,81

CYTOCHALASIN B see: RO0205000
CYTOCHALASIN D see: GZ4850000

HA5375000 CYTOMYCIN
UPDT.8309 CAS: 2005-98-3
SYN: SAITOMYCIN
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:50 mg/kg ARZNAD 17,693,67

CYTOPHOSPHAN see: RP5950000
CYTOSAR see: HA5425000
CYTOSAR-U see: HA5425000

HA5425000 CYTOSINE, 1-beta-D-ARABINOFURANOSYL-
UPDT.8412 CAS: 147-94-4 MW: 243.25 MOLFM: C9-H13-N3-O5
SYN: AC-1075 * ALEXAN * 4-AMINO-1-ARABINOFURANOSYL-2-OXO-1,2-DIHYDROPYRIMIDINE * ARABINOCYTIDINE * 1-beta-D-ARABINOFURANOSYL-4-AMINO-2(1H)-PYRIMIDINONE * 1-ARABINOFURANOSYLCYTOSINE * 1-beta-ARABINOFURANOSYLCYTOSINE * 1-(beta-D-ARABINOFURANOSYL)CYTOSINE * ARABINOSYLCYTOSINE * beta-D-ARABINOSYLCYTOSINE * ARA-C * ARA-CYTIDINE * CYTARABIN * CYTARABINE * CYTARABINOSIDE * CYTOSAR * CYTOSAR-U * CYTOSINEARABINOSIDE * CYTOSINE-beta-ARABINOSIDE * CYTOSINE beta-D-ARABINOSIDE * CYTOSINE, 1-beta-D-ARABINOSYL- * NCI-C04728 * NSC 63878 * 2(1H)-PYRIMIDINONE, 4-AMINO-1-beta-D-ARABINOFURANOSYL- (9CI) * SPONGOCYTIDINE * U-19,920 * U-19920 A
IRRITATION DATA AND REFERENCES:
skn-hmn 45 mg/3W CTRRDO 61,619,79
eye-hmn 105 mg/7D-I AROPAW 29,535,64
MUTATION DATA AND REFERENCES:
dni-esc 1 gm/L BBACAQ 166,765,68
mmo-omi 50 mg/L MUREAV 74,113,80
sln-dmg-par 21 mmol/L BCPCA6 15,299,66
dni-hmn:oth 200 nmol/L CNREA8 44,2421,84
dni-hmn:oth 10 umol/L CNREA8 39,1952,79
dni-hmn:oth 100 umol/L BBACAQ 696,15,82
dni-hmn:hla 1 umol/L BCPCA6 14,205,65
dni-hmn:lym 50 mg/L BBRCA9 60,96,74
dni-hmn:bmr 10 umol/L CNREA8 34,2911,74
dni-hmn:leu 100 nmol/L CNREA8 42,4007,82
oms-hmn:oth 50 mg/L CNREA8 32,2661,72
oms-hmn:hla 10 mg/L JCLLAX 69,331,67
cyt-hmn-ivn 239 mg/kg/5D BLOOAW 27,771,66
cyt-hmn:leu 50 umol/L/6H ECREAL 46,276,67
cyt-hmn:lym 3 mg/L/4H SOGEBZ 12,1552,76
cyt-hmn:lng 10 umol/L HEREAY 52,402,65
sce-hmn:lym 400 ug/L MUREAV 121,147,83
otr-rat:emb 10 umol/L CNREA8 35,2413,75
mnt-mus-ipr 25 mg/kg MUREAV 127,129,84
otr-mus:emb 1 umol/L/24H CNREA8 37,2214,77
dnd-mus/leu 100 mg/kg CNREA8 40,4225,80
dnd-mus:leu 50 umol/L JCHODP 7,266,76
dns-mus-ipr 100 mg/kg CNREA8 42,3125,82
dni-mus-ipr 15 gm/kg JCLBA3 30,13,66
dni-mus/ast 15 mg/kg CCROBU 59,611,75
dni-mus-ivn 100 mg/kg CNREA8 38,3286,78
dni-mus:ast 500 umol/L BCPCA6 23,1619,74
dni-mus:oth 500 ug/L CNREA8 37,2998,77
dni-mus:lym 10 mg/L EJCAAH 6,379,70
dni-mus:kdy 10 umol/L ECREAL 85,123,74
dni-mus:bmr 157 nmol/L CNREA8 36,95,76
dni-mus:leu 200 nmol/L CNREA8 42,3957,82
dni-mus:bmr 157 nmol/L CNREA8 36,95,76
dni-mus:lng 136 nmol/L CNREA8 36,95,76
dni-mus-ipr 25 mg/kg CNREA8 29,1790,69
cyt-mus-scu 315 mg/kg MUREAV 58,67,73
cyt-mus:lym 1 mmol/L/6H MUREAV 40,101,76
cyt-mus:fbr 200 ug/L/24H ARZNAD 27,1549,77
cyt-mus:ast 10 umol/L PHARAT 32,178,77
dlt-mus-unk 7500 ug/kg MUREAV 85,299,81
msc-mus:leu 100 mmol/L CNREA8 29,1881,69
msc-mus:emb 250 nmol/L CNREA8 42,817,82
mnt-ham-ipr 2 mg/kg/24H MUREAV 40,325,76
otr-ham:emb 1 mg/L CBINAB 13,105,76
otr-ham:oth 100 nmol/L/24H JNCIAM 54,157,75
dnd-ham:fbr 1 mmol/L CNREA8 36,3789,76
dni-ham:fbr 10 umol/L/2H CNREA8 36,3789,76
dni-ham:ovr 5 mg/L JNCIAM 59,1685,77
dni-ham:oth 1 mmol/L CNREA8 35,2413,75
cyt-ham:fbr 100 mg/L CNREA8 30,2477,70
cyt-ham:ovr 1 mg/L ENMUDM 2,455,80
msc-ham:fbr 1 mg/L/24H MUREAV 40,325,76
msc-ham:lng 1 umol/L CNREA8 42,817,82
msc-ham:lng 1 umol/L MUREAV 14,130,72
dnd-mam:oth 100 umol/L PAACA3 24,269,83
dni-rbt-ivn 50 mg/kg ARTODN 46,139,80
dni-ckn:emb 25 mg/L ARZNAD 25,378 75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T39 ipr-rat TDLo:100 mg/kg (11D preg) JEEMAF 42,93,7?
2T35T46 ipr-rat TDLo:20 mg/kg (11D preg) BCPCA6 17,1213,68
2T43T46 ipr-rat TDLo:50 mg/kg (12D preg) TJADAB 4,7,71
1T41 ipr-rat TDLo:400 mg/kg (11D preg) BCPCA6 17,1213,68
1T33 ipr-rat TDLo:100 mg/kg (11D preg) DEBIAO 45,103,75
2T71T75 scu-rat TDLo:75 mg/kg (18-20D preg) TJADAB 11,103,75
1T26 unk-rat TDLo:50 mg/kg (12D preg) TJADAB 19,43A,79
1T33 ipr-mus TDLo:5 mg/kg (10D preg; PCBRD2 110,365,83
2T26T76 ipr-mus TDLo:60 mg/kg (13-14D preg) TJADAB 16,63,77
1T46 ipr-mus TDLo:5 mg/kg (10D preg) SEIJBO 23,211,83
1T25 ipr-mus TDLo:25 mg/kg (10D preg) TJADAB 18,71,78
1T01 ipr-mus TDLo:33 mg/kg (1D male) CNREA8 39,3575,79
1T41 ipr-mus TDLo:60 mg/kg (13-14D preg) TJADAB 28,15A,83
2T46T59 ivn-mus TDLo:1 mg/kg (10D preg) TJADAB 15,137,77
1T81 par-mus TDLo:60 mg/kg (13-14D preg) TJADAB 18,150,78
2T33T41 par-mus TDLo:60 mg/kg (13-14D preg) TJADAB 30(1),9A,84
TUMORIGENIC DATA AND REFERENCES:
3V03P62R60 ipr-rat TDLo:2500 mg/kg/7W-I CANCAR 40(Suppl 4),1935,77
3V03J60P62 ipr-mus TDLo:4836 mg/kg/26W-I CANCAR 40(Suppl 4),1935,77
TOXICITY DATA AND REFERENCES:
3F07F12U25 ivn-chd TDLo:33200 ug/kg/240D-I CANCAR 42,53,78
* orl-mus LD50:3150 mg/kg NIIRDN 6,321,82
ipr-mus LD50:6400 mg/kg CNREA8 39,3575,79
* ivn-mus LD50:7000 mg/kg NIIRDN 6,321,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75; ARVPAX 5,447,65; CRTXB2 2,159,73
STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS NEGATIVE;MOUSE, RAT (CANCAR 40(Suppl 4),1935,77)
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

CYTOSINE, 1-beta-D-ARABINOFURANOSYL-2,2'-ANHYDRO-, HYDROCHLORIDE see: LV2615000

HA5450000 CYTOSINE, 1-beta-D-ARABINOFURANOSYL-5-FLUORO-
UPDT.8311 CAS: 4298-10-6 MW: 261.24 MOLFM: C9-H12-F-N3-O5
SYN: 1-beta-D-ARABINOFURANOSYL-5-FLUOROCYTOSINE * ARA-FC
MUTATION DATA AND REFERENCES:
dns-hmn:hla 3800 nmol/L CNREA8 26,1661,66
oms-hmn:hla 3800 nmol/L CNREA8 26,1661,66
dni-mus-ipr 10 mg/kg CNREA8 29,1790,69

HA5500000 CYTOSINE, 1-beta-D-ARABINOFURANOSYL-, MONOHYDROCHLORIDE
UPDT.8406 CAS: 69-74-9 MW: 279.71 MOLFM: C9-H13-N3-O5-Cl-H
SYN: 1-beta-D-ARABINOFURANOSYLCYTOSINE HYDROCHLORIDE * 1-beta-D-ARABINOFURANOSYLCYTOSINE MONOHYDROCHLORIDE * ARABINOSYLCYTOSINE HYDROCHLORIDE * ARACYTIDINE HYDROCHLORIDE * CYTARABINE HYDROCHLORIDE * CYTOSINE ARABINOSIDE HYDROCHLORIDE * 2(1H)-PYRIMIDINONE, 4-AMINO-1-beta-D-ARABINOFURANOSYL-, MONOHYDROCHLORIDE * SPONGOCYTIDINE HYDROCHLORIDE * U-19920A
IRRITATION DATA AND REFERENCES:
eye-hmn 21 mg/7D-I MLD AJOPAA 60,1074,65
eye-mky 35 mg/15D-I MOD AJOPAA 60,1074,65
eye-rbt 42 mg/14D-I MOD AJOPAA 60,1074,65
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 ipr-rat TDLo:280 mg/kg (15D preg) JONRA9 34,950,80

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:5500 mg/kg OYYAA2 6,1255,72
3F15F17U01 ipr-mus LD50:825 mg/kg OYYAA2 6,1255,72
1K13 ivn-dog LD50:172 mg/kg OYYAA2 8,353,74
3F17K01K13 ivn-mky LD50:396 mg/kg OYYAA2 8,353,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HA5590000 CYTOSINE, 1-beta-D-ARABINOFURANOSYL-, 5'-(TETRAHYDROGEN TRIPHOSPHATE)
UPDT:8309 CAS: 13191-15-6 MW: 483.19 MOLFM: C9-H16-N3-O14-P3
SYN: ARABINOSYLCYTOSINE TRIPHOSPHATE * ARABINOSYLCYTOSINE 5'-TRIPHOSPHATE * ARA-CTP * CYTOSINE ARABINOSIDE TRIPHOSPHATE
MUTATION DATA AND REFERENCES:
dni-mus:ast 50 umol/L BCPCA6 23,1619,74
dni-mus:oth 100 umol/L BBACAQ 425,1,76
CYTOSINEARABINOSIDE see: HA5425000
CYTOSINE-beta-ARABINOSIDE see: HA5425000
CYTOSINE beta-D-ARABINOSIDE see: HA5425000
CYTOSINE ARABINOSIDE HYDROCHLORIDE see: HA5500000
CYTOSINE ARABINOSIDE PALMITATE see: UW7350800
CYTOSINE ARABINOSIDE TRIPHOSPHATE see: HA5590000
CYTOSINE, 1-beta-D-ARABINOSYL- see: HA5425000

HA6010000 CYTOSINE, 1-(2-DEOXY-2-FLUORO-beta-D-ARABINOFURANOSYL)-5-IODO-
UPDT:8303 MW: 371.13 MOLFM: C9-H11-F-I-N3-O4
SYN: 1-(2-DEOXY-2-FLUORO-1-beta-D-ARABINOFURANOSYL)-5-IODOCYTOSINE * 2'-FLUORO-5-IODO-1-beta-D-ARABINOFURANOSYLCYTOSINE
MUTATION DATA AND REFERENCES:
dni-mus:leu 353 umol/L CNREA8 42,3957,82
CYTOSINE, DEOXYRIBONUCLEOSIDE see: HA3800000
CYTOSINE DEOXYRIBOSIDE see: HA3800000

HA6040000 CYTOSINE, 5-FLUORO-
UPDT:8405 CAS: 2022-85-7 MW: 129.11 MOLFM: C4-H4-F-N3-O
SYN: ALCOBON * 4-AMINO-5-FLUORO-2(1H)-PYRIMIDINONE * ANCOBON * ANCOTIL * 5-FC * FLUCYTOSINE * 5-FLUOROCYTOSINE * 5-FLUOROCYTOSINE * 2-HYDROXY-4-AMINO-5-FLUOROPYRIMIDINE * RO 2-9915
MUTATION DATA AND REFERENCES:
mma-smc 8 mg/L MGGEAE 146,253,76
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:3811 mg/kg IYKEDH 10,710,79
* scu-rat LD50:3600 mg/kg NIIRDN 6,699,82
* ipr-mus LD50:1190 mg/kg AACHAX -,566,63
* scu-mus LD50:1000 mg/kg CHTHBK 25,54,79
* ivn-mus LD50:500 mg/kg AACHAX -,566,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, 32XPAD -,49,75
CYTOSINE RIBOSIDE see: UW7370000
CYTOSTASAN see: DE1590000

HA6270000 CYTOVARICIN
DEF:Produced by S. COLLINUS H-230 (JANTAJ 35,82-120,82)
UPDT:8305 MW: 901.27 MOLFM: C47-H80-O16
SYN: H-230
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:3130 mg/kg JANTAJ 35,82-120,82
CYTOVIRIN see: EC4900000
CYTOXAL ALCOHOL see: RP5945000
CYTOXAN see: RP5950000
CYTOXYL ALCOHOL see: RP5945000
CYTOXYL ALCOHOL CYCLOHEXYLAMMONIUM SALT see: RP5945000
CYTROL see: XZ3850000
CYTROL AMITROLE-T see: XZ3850000
CYTROLANE see: JP1050000
CYTROLE see: XZ3850000
CYURAM DS see: JO1400000
CYZINE PREMIX see: XJ1570000
CYZONE see: ST2650000
CZT see: LZ5758000
CZTEROCHLOREK WEGLA (Polish) see: FG4900000
2,3,7,8-CZTEROCHLORODWUBENZO-p-DWUOKSYNY (Polish) see: HP3500000
1,1,2,2-CZTEROCHLOROETAN (Polish) see: KI8575000
CZTEROCHLOROETYLEN (Polish) see: KX3850000
CZTEROETYLEK OLOWIU (Polish) see: TP4550000
D-13 see: BE5950000
2,4-D see: AG6825000
D-3-1 see: GV1450000
D-3-3 see: GV2452000
D-3-4 see: SH4943500
D-3-5 see: GV1560000
D-3-6 see: SH6020000
D-3-7 see: GV2180000
D-3-8 see: SH0664500
D-3-9 see: GV1250000
D 40 see: US7970000
D-40 see: AZ8400000
D 41 see: AB4310000
D 50 see: AG6825000
D 50 see: AK0920000
D-80 see: UQ2275000
D 109 see: UA9800000
D 151 see: UD1842000
D-204 see: OO1120000
D 206 see: UU8576000
D-236 see: MK0883000
D-237 see: EO4808000
D-238 see: DP4360000
D-244 see: DP6755000
D-3-10 see: SH5605000
D-3-11 see: GV2150000
D-365 see: YV8300000
D-401 see: AH1010000
D-402 see: AG9470000
D-403 see: MB9890000
D-404 see: MB9612900
D-405 see: YV6489100
D-406 see: YV6480000
D 682 see: XI2625000
D 735 see: RP4550000
D 854 see: DB5230000
D 860 see: YS4550000
D-1126 see: QE0490000 MORPHOLINE, 4-(2-[(6-CHLORO-2-PYRIDYL)THIO]ETHYL)-, MONOHYDROCHLORIDE
D 1221 see: FB9450000
D 1308 see: VB8350000
D-1410 see: RP2300000
D 1593 see: CV2450000
D 1991 see: DD6475000
D-2083 see: TU2800000
D 3520 see: XI2400000
D-10,242 see: US4098000
D-13,129 see: UV1200300
D-13,312 see: UO8437700
DA see: CG9900000
DA see: AY5600000
2,4-DA see: AB6945000 ACETAMIDE, 2-(2,4-DICHLOROPHENOXY)-
DA-192 see: UQ8225000
DA-194 see: UQ8515500
DA-195 see: UQ8514500
DA-196 see: UQ8512000
DA-220 see: UQ8170000
DA-231 see: UQ8652000
DA-236 see: UQ8522000
DA-237 see: UQ8402000
DA-238 see: UQ8513000
DA-239 see: UQ8152000
DA-241 see: UQ8275000
DA-242 see: UQ8512500
DA-398 see: UV9290000 PYRIMIDINE, 4-METHOXY-2-(5-METHOXY-3-METHYL-1H-PYRAZOL-1-YL)-6-METHYL
DA-688 see: XB8890000
DA 808 see: QJ0930900
DA 1128 see: UH0525000
DA-1773 see: SM8720000
DA 2370 see: UQ8530000
DA 3804 see: TM1775500
DA 3831 see: UD3460000
DA 3832 see: NI5432500
DA 3838 see: TY8940000
DA 3839 see: NI3360000
DA 3840 see: TK9780000
DA 3851 see: NI4700000
DA 3853 see: NI5585000
DA 3854 see: KH2334500
2,4 DAA see: BZ8580500
DAAB see: XY2625000
DAAE see: AG5775000
(D-DAA(sup 6))-LHRH see: OK6455000
(D-DAA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6455000
2,4-DAA SULFATE see: ST2705000
DAB see: BX7350000
DAB (carcinogen) see: BX7350000
DABCO see: HM0354200
DABCO CRYSTAL see: HM0354200
DABCO EG see: HM0354200
DABCO 33LV see: HM0354200
DABCO R-8020 see: HM0354200
DABCO S-25 see: HM0354200
DABEQUINE see: YE0450000
DABI see: NK8350000
DAB-O-LITE P 4 see: ZC9750000
DAB-N-OXIDE see: BX7525000
DABROSIN see: UR0785000
DABS see: AB6351000
DABYLEN see: KR6825000
DABYLEN see: KR7000000
DAC 893 see: WZ1500000
DAC 2787 see: NT2600000
DACAMINE see: AG6825000
DACAMINE see: AJ8400000
DACAMOX see: EL8200000
DACARBAZINE see: NI3950000
DACARTIL HYDROCHLORIDE see: MP1750000
DACET see: XI0383500
2,4-D ACETATE see: AG8400000
2,4-D ACID see: AG6825000
D'ACIDE TANNIQUE (French) see: WW5075000
DACONATE 6 see: PA2625000
DACONIL see: NT2600000
DACONIL 2787 see: NT2600000
DACONIL 2787 FLOWABLE FUNGICIDE see: NT2600000
DACORENE HYDROCHLORIDE see: YE0525000
DACORTIN see: TU4154100
DACOSOIL see: NT2600000
DACOVIN see: KV0350000
DACOVIN 2082 see: KV0350000
DACPM see: CY1050000
DAC PRD see: XN0480000
DAC PRO see: XN0480000
DACTHAL see: WZ1500000
DACTHALOR see: WZ1500000
DACTIN see: MU0700000
DACTINOL see: DJ2800000
DACTINOMYCIN see: AU1575000
mixture of DACTINOMYCIN (10%), ACTINOMYCIN C2 (45%), and ACTINOMYCIN C3 (45%) see: AU1400000
DACTINOMYCIN D see: AU1575000

HB0950000 DACTYLIS GLOMERATA Linn., extract
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
DADA see: AG6475000
DADDS see: AE7175000
DADEX see: SI1400000
DA 1773 DIHYDRATE see: SM8739000
DADMARI EXTRACT (Indian) see: BN8660000
DADOX D-CITRAMINE see: SI1400000
DADPE see: BY7900000
4,4-DADPE see: BY7900300
DADPM see: BY5425000
DADPS see: BY8925000

BEST COPY AVAILABLE

DAEP see: TE0350000
DAF 69 see: TI0350000
DAFEN see: TM7810000
DAFTAZOL see: XJ4020000
DAFTAZOL HYDROCHLORIDE see: XJ4025000
DAG see: LW5320000
DAGADIP see: TD5250000
DAGC see: FG2080000
DAGENAN see: DA9625000
DAGRABROMYL see: YS3150000
DAGUTAN see: DE4550000
DA-1773 HYDRATE see: SM8740000
DAICEL 1150 see: FJ5950000
DAICEL 1180 see: FJ5950000
DAIFLON see: KV0525000
DAILON see: YS8925000
DAINICHI BENZIDINE YELLOW G see: AK4580000
DAINICHI BENZIDINE YELLOW GRT see: AK4580000
DAINICHI BENZIDINE YELLOW GT see: AK4580000
DAINICHI BENZIDINE YELLOW GY see: AK4580000
DAINICHI BENZIDINE YELLOW GYT see: AK4580000
DAINICHI CHROME ORANGE R see: OF9800000
DAINICHI CHROME ORANGE 5R see: OF9800000
DAINICHI CHROME YELLOW G see: GB2975000
DAINICHI FAST SCARLET G BASE see: XU8225000
DAINICHI FAST VIOLET M TONER see: GE4518000
DAINICHI FAST VIOLET MX see: GE4518000
DAINICHI LAKE RED C see: DB5500000
DAINICHI PERMANENT RED GG see: QL3854000
DAINICHI PERMANENT RED 4 R see: QK4247000
DAINICHI PERMANENT RED RX see: QL3436000
DAIRYLIDE YELLOW YT 553D see: AK4580000
DAISEN see: ZH3325000
DAISHIKI AMARANTH see: QJ6550000
DAISHIKI BRILLIANT SCARLET 3R see: QJ6530000
DAISOLAC see: TQ3325000
DAITAL see: DG0929000 BENZOIC ACID, 2-(ACETYLOXY)-, 2-(4-(ACETYLAMINO)PHENOXY)ETHYL ESTER
DAITO ORANGE BASE R see: BY6825000
DAITO RED BASE 3GL see: BX1575000
DAITO RED BASE TR see: XU5000000
DAITO RED SALT 3GL see: BX1575000
DAITO RED SALT TR see: XU5250000
DAITO SCARLET BASE G see: XU8225000
DAIYA FOIL see: TR2725000
DAKINS SOLUTION see: NH3486300
DAKURON see: YV9103000
DALAMAR YELLOW see: EJ3645000
DALAPON see: UF1225000
DALAPON see: UF0690000
DALAPON 85 see: UF0690000
DALAPON mixt. with 2,4-D SODIUM see: UA2459100
DALAPON SODIUM see: UF1225000
DALAPON SODIUM SALT see: UF1225000

HB3160000 DALBERGIA CULTRATA Grah., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg IJEBA6 12,512,74

HB3161000 DALBERGIA LANCEOLARIA Linn., f., stem bark extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302
SYN: DAMELA STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

HB3161500 DALBERGIA PENICULATA Roxb., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

HB3162000 DALBERGIA RUBIGINOSA Roxb., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 7,250,69

HB3162200 DALBERGIA SPINOSA Roxb., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
SYN: JANTARIKANTA, extract
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

HB3162300 DALBERGIA SYMPATHETICA Nimmo ex. Grah., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

HB3163000 DALBERGIA VOLUBILIS, Roxb., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:100 mg/kg IJEBA6 9,91,71

DAL-E-RAD see: PA2625000
DAL-E-RAD 100 see: PA2275000
DAL-E-RAD 120 see: PA2625000
DALF see: TG0175000
DALGOL see: SC4900000
DALMADORM see: DF0875000
DALMADORM HYDROCHLORIDE see: DF0875000
DALMANE see: DF0875000
DALMATE see: DF0875000
DALMATIAN SAGE OIL see: VN3015000
DALMATION INSECT FLOWERS see: UR4200000
DALNE-KATUS STEM BARK EXTRACT (Indian) see: FI4035000
DALPAC see: GO7875000
DALTOGEN see: KL9275000
DALTOLITE FAST YELLOW GT see: AK4580000
DALYSEP see: WP0175000
DALZIC see: AE4222000
DAMBE see: DG7506000
DAMELA STEM BARK EXTRACT (Indian) see: HB3161000
2,4-D AMIDE see: AB6945000 ACETAMIDE, 2-(2,4-DICHLOROPHENOXY)-
DAMILAN see: HO9275000
DAMILEN HYDROCHLORIDE see: HO9450000
2,4-D AMINE see: AG8400000
2,4-D AMINE SALT see: AG8400000
DAMINOZIDE see: WM9625000
2,4-D AMMONIUM SALT see: AG7075000
DAMORAL see: CQ6825000
DAMS see: SI1400000
DAN see: BX7000000
DA-2-N see: BX7005000
DAN-2804 see: UI2517000
DAN-2805 see: UI2516700
DAN-2806 see: UI2516300
DAN-2807 see: AB8137700
DAN-2812 see: UI0674900
DAN-2813 see: UI2516800
DAN-2814 see: UI2517200
DAN-2815 see: UI0515000
DAN-2816 see: SH5755000
DAN-2817 see: SI3827000
DAN-2854 see: UI2516000
DANA see: IA3500000
DANABOL see: BV8000000
DANAMID see: TQ9800000
DANAMINE see: QS4375000
DANANTIZOL see: NI8615000
DANAZOL see: TU4157070
DANAZOL and METHYLTESTOSTERONE see: TU4157072
DANAZOL and TESTOSTERONE ENANTHATE see: TU4157074
DANAZOL and TESTOSTERONE PROPIONATE see: TU4157077
D AND C BLUE NUMBER 1 see: SO5600000
D and C ORANGE No. 4 see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
D AND C RED 2 see: QJ6550000
D AND C RED NO. 21 see: LM5800000
D AND C RED NO. 28 see: LM5900000
DANERAL see: UT0175000
DANEX see: TA0700000
DANFIRM see: AK0920000
DANILONE see: NK6125000
DANINON see: KJ7780000
DANITOL see: GZ2090000
DANIZOL see: NI5600000
DANKUNI (Indian) see: EX6653000
DANOCRINE see: TU4157070
DANOL see: TU4157070
DANTAFUR see: MU2800000
DANTEN see: MU1050000
DANTEN see: MU1400000
DANTHION see: TF4550000
DANTHRON see: CB6650000
DANTINAL see: MU1050000
DANTOIN see: MU1400000
DANTOINAL see: MU1050000
DANTOINAL KLINOS see: MU1050000
DANTOINE see: MU1050000
DANTOROLENE SODIUM see: MU3875000
DANTRIUM see: MU3875000
DANTROLENE SODIUM see: MU3875000
DANTROMIN see: RQ2975000
DANTRON see: CB6c50000
DANU see: YQ8780000
DANUVIL 70 see: KV0350000
DAONIL see: YS4725200
DAP see: DF1575000
DAP see: TB9375000
DAP see: CD2625000
DAP-68 see: TI0584000
DA79P see: TI0585000
DAPA see: AG6475000
DAPA see: CZ1750000
DAPACRYL see: GQ5600000
DAPAZ see: TZ0175000
DAPHENE see: TE1750000

HB5422000 DAPHNE GENKWA Sieb et Zucc., crude extract
UPDT:8409
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HB5425100 DAPHNE OLEOIDES Schreb., root extract
DEF:Indian plant belonging to the family THYMELAEACEAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

HB5425200 DAPHNE PAPYRACEA Wall. ex Steud., extract excluding roots
DEF:Indian plant belonging to the family THYMELACACEAE (IJEBA6 9,91,71)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

HB5425300 DAPHNE PAPYRACEA Wall., root extract
DEF:Indian plant belonging to the family THYMELAEACEAE (IJEBA6 16,228,78)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1G08 ipr-rat LD50:150 mg/kg IJEBA6 16,228,78

HB5425500 DAPHNETOXIN, 12-((1-OXO-5-PHENYL-2,4-PENTADIENYL)OXY)-, (12-beta(E,E))-
UPDT:8403 CAS: 34807-41-5 MW: 654.76 MOLFM: C38-H38-O10
SYN: MESEREIN * MEZEREIN
MUTATION DATA AND REFERENCES:
mrc-smc 20 mg/L NATUAS 294,263,81
otr-mus-oth 16 nmol/L CRNGDP 4,1507,83
dns-mus-skn 340 nmol/kg CNREA8 43,4126,83
dni-mus-skn 340 nmol/kg CNREA8 43,4126,83
TUMORIGENIC DATA AND REFERENCES:
3V02R10Y21 skn-mus TDLo:3560 ug/kg/20W-I CNREA8 39,4721,79
3V02R10Y21 skn-mus TD :18 mg/kg/20W-I CNREA8 39,4791,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BLFSBY 24,253,83

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DAPLEN see: TQ3325000
DAPLEN AD see: UD1842000
DAPLEN APP see: UD1842000
DAPLEN AS 50 see: UD1842000
DAPLEN AT 10 see: UD1842000
DAPLEN ATK 92 see: UD1842000
DAPLEN DM 55U see: UD1842000
DAPLEN 1810 H see: TQ3325000
DAPM see: BY5425000
DAPOCEL see: AG6475000
DAPON 35 see: CZ4200000
DAPON R see: CZ4200000
DAPRISAL see: AM4375000
DAPSON see: BY8925000
DAPSONE see: BY8925000
DAPSONUM see: BY8925000
DAPT see: XJ4020000
DAPTAZILE see: XJ4020000
DAPTAZILE HYDROCHLORIDE see: XJ4025000
DAPTAZOLE see: XJ4020000
DAPTAZOLE HYDROCHLORIDE see: XJ4025000
DARACLOR see: UV8140000
DARAL see: KE1050000
DARAMIN see: DE4250000
DARAMMON see: BP4550000
DARAN see: KV9750000
DARAN CR 6795H see: KV9750000
DARANIDE see: CZ9200000
DARAPRAM see: UV8140000
DARAPRIM see: UV8140000
DARAPRIME see: UV8140000
DARATAK see: AK0920000
DARBID see: BP0693200
DAR-CHEM 14 see: WI2800000
DARCO see: FF5250100
DAREBON see: ZG0350000
DARENTHIN see: BO9450000
DARENTIN see: BO9450000
DAR HALD see: DR9866500
DARID QH see: AZ5820000
DARILOID QH see: AZ5820000
DARIM, extract (Indian) see: UO6355000 PUNICA GRANATUM Linn., extract excluding roots
DARK GREEN EMBL see: QJ6195050
DARKENE EXTRACT (Indian) see: RW7083400
DAROLON see: YR6475000
DAROPERVAMIN see: SH5075000
DARTAL see: TL7300000
DARTALAN see: TL7300000
DARTAL DIHYDROCHLORIDE see: TL7350000
DARU HALD see: DR9866500
DARVIC 110 see: KV0350000
DARVIS CLEAR 025 see: KV0350000
DARVON see: EL2975000
DARVON COMPOUND see: AM4375000
DARVON HYDROCHLORIDE see: EL3000000
DARVON-N see: QK1600000 2-NAPHTHALENESULFONIC ACID, compd. with (+)-alpha-(2-DIMETHYLAMINO)1-METHYLETHYL- alpha-PHENYLPHENETHYL PROPIONATE (1:1)
DARVON-N see: QK1750000
DAS see: SI1400000
DAS see: CZ1750000
DAS see: YD0112000
DASANIDE see: CZ9200000
DASANIT see: TF3850000
DASD see: WJ6600000
DASERD see: TZ1225000
DASEROL see: TZ1225000
DASIKON see: AM4375000
DASIN see: AM4375000
DASIN CH see: AM4375000
DASKIL see: QT0525000
DASYMUTILLA KLUGII VENOM see: YX4534000
DATC see: EZ8225000
D-ATE PHENYL 747 see: SI1400000
DATHROID see: XP3583000

HB7616000 DATISCA CANNABINA Linn., fruit and seed extract
DEF:Indian plant belonging to the family DATISCACEAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:

1Y55	ipr-rat LD50:250 mg/kg	IJEBA6 16,228,78

DATRIL see: AE4200000
DATURALACTONE see: KE7287000

HB7700000 DAUCUS CAROTA Linn., extract excluding roots
DATURINE see: NH0875000
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 16,228,78)
UPDT:8411

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:500 mg/kg	IJEBA6 16,228,78

HB7710000 DAUCUS CAROTA Linn., root extract
UPDT:8406
SYN: GAJAR, seed extract * SHIKHA-MULAM, seed extract

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:700 mg/kg (1-7D preg)	IJMRAQ 59,302,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HB7715000 DAUCUS CAROTA Linn., seed extract
UPDT:8408
SYN: CARROT, seed extract * GAJAR, seed extract

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:700 mg/kg (1-7D preg)	IJEBA6 16,1077,78
1T22	orl-rat TDLo:350 mg/kg (1-7D preg)	JRPFA4 31,143,72
1T24	orl-mus TDLo:3200 mg/kg (4-6D preg)	IJEBA6 14,506,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DAUCUS OIL see: FI0790000
DAUNAMYCIN see: HB7875000
DAUNOBLASTIN see: HB7878000
DAUNOBLASTINA see: HB7878000

HB7875000 DAUNOMYCIN
UPDT:8412 CAS: 20830-81-3 MW: 527.57 MOLFM: C27-H29-N-O10
SYN: ACETYLADRIAMYCIN * CERUBIDIN * DAUNAMYCIN * DAUNORUBICIN * DAUNORUBICINE * DM * FI6339 * LEUKAEMOMYCIN C * NCI-C04693 * NSC-82151 * RCRA WASTE NUMBER U059 * RP 13057 * 13.057 R.P. * RUBIDOMYCIN * RUBIDOMYCINE * RUBOMYCIN C * RUBOMYCIN C 1 * STREPTOMYCES PEUCETIUS

MUTATION DATA AND REFERENCES:

mmo-sat 10 ug/plate	URLRA5 7,119,79
mma-sat 1 nmol/plate	CNREA8 38,1782,78
dnr-sat 6 ug/plate	EXPEAM 31,787,75
dns-sat 500 ng	ECEBDI 50,271,82
pic-sat 800 ng/plate	MUREAV 110,243,83
mmo-esc 6 mg/L	MUREAV 140,13,84
dnr-esc 5 gm/L	MUREAV 119,135,83
dnd-esc 5 umol/L	MUREAV 89,95,81
pic-esc 100 ng/plate	MUREAV 88,325,81
dnr-bcs 20 uL/disc	MUREAV 97,1,82
oms-bcs 5 mg/L	CHTH6K 26,309,80
dnd-omi 2500 nmol/L	CHROAU 68,115,78
dnd-omi 2500 nmol/L	CHROAU 68,115,78
oms-omi 1 gm/L	CBINA8 30,67,80
dni-omi 100 ug/L	NNBYA7 232,143,71
dnd-sal:spr 100 mmol	ABBIA4 120,292,67
dnd-ofs:spr 400 mg/L	CNREA8 39,3738,79
dnd-hsn:lym 1 mg/L	CNREA8 39,448,79
dni-hmn:oth 30 nmol/L	CNREA8 44,2421,84
dni-hmn:hla 250 ug/L	CNREA8 29,1507,69
dni-hmn:leu 1 umol/L	CALEDQ 18,305,83
dni-hmn-ivn 1500 ug/kg	EJCAAH 12,291,76
dni-hmn:lym 10 mg/L	CNREA8 39,448,79
dni-hmn:oth 30 nmol/L	CNREA8 43,1606,83
oms-hmn:oth 500 nmol/L	CNREA8 43,1606,83
oms-hmn:lym 1 umol/L	CALEDQ 18,305,83
oms-hmn:hla 100 ug/L	HXPHAU 38(Pt 2),593,75
oms-hmn:oth 100 ug/L	HXPHAU 38(Pt 2),593,75
oms-hmn:hla 250 ug/L	CNREA8 29,1507,69
dni-hmn:oth 300 ug/L	CCPHDZ 2,31,79
oms-hmn:oth 300 ug/L	CCPHDZ 2,31,79
cyt-hmn-ivn 38 mg/kg	CANCAR 23,113,69
cyt-hmn:lym 100 ug/L/36H	CCPHDZ 3,143,79
cyt-hmn:leu 20 ug/L/24/H	MUREAV 7,91,69
cyt-hmn:hla 1 mg/L/18H	AGMGAK 17,102,68
cyt-hmn:fbr 20 ug/L	BEXBAN 74,1460,72
msc-hmn:lym 300 nmol/L	ENMUDM 6,418,84
oms-rat:fbr 100 ug/L	HXPHAU 38(Pt 2),593,75
bfa-rat/sat 200 mg/kg	URLRA5 7,119,79
cyt-rat:fbr 200 ug/L	AGMGAK 17,102,68
cyt-rat-unk 5 mg/kg	MUREAV 12,91,71
mma-mus:lym 50 ug/L	DCTODJ 1,277,78
otr-mus:fbr 1 ug/L	CNREA8 36,2065,76
dnd-mus:fbr 50 ng/L	IJRBA3 32,209,77
dnd-mus-unk 2500 nmol/L	CHROAU 68,115,78
dnd-mus:ast 95 umol/L	BBACAQ 374,96,74
dnd-mus/ast 600 ug/kg	RCOCB8 10,51,75
dnd-mus:lym 250 nmol/L	JNMDBO 7,33,76
dnd-mus:oth 4 umol/L	ANBCA2 125,91,82
dni-mus:fbr 16 umol/L	CNREA8 35,1542,75
dni-mus:lym 50 nmol/L	JNMDBO 7,33,76
dni-mus:oth 50 ug/L	CNREA8 37,815,77
cyt-mus-ipr 5 mg/kg	EXPEAN 29,114,73
cyt-mus:oth 10 ng/L	EXPEAN 29,114,73
cyt-mus-ivn 12 mg/kg	MUREAV 60,329,79
sce-mus-ivn 5 mg/kg	PNASA6 77,4784,80
sce-mus/lym 2 mg/kg	MUREAV 106,85,82
sce-mus:lym 5 gm/L	MUREAV 106,85,82
msc-mus:lym 50 ug/L	DCTODJ 1,277,78
hma-mus/ast 2 mg/kg	HXPHAU 38(Pt 2),593,75
hma-mus/oth 1 mg/kg	CNREA8 33,2954,73
spm-mus-ivn 20 mg/kg	CNREA8 42,122,82
sce-ham:ovr 80 ug/L	CNREA8 43,577,83
sce-ham:lng 10 nmol/L	MUREAV 118,103,83
msc-ham:lng 10 ug/L	CNREA8 36,2065,76
msc-ham:ovr 75 ug/L	CNREA8 43,577,83
dni-ckn:fbr 500 ug/L	CHDDAT 272,723,71
cyt-ckn:fbr 500 ug/L	CHDDAT 272,723,71
dnd-mam:lym 4420 nmol/L	CBINA8 20,97,78
dnd-ckn:oth 3 umol/L	BICHBX 9,441,78
dni-mam:lym 71 umol/L	HXPHAU 38(Pt 2),623,75
oms-mam:oth 100 ug/L	HXPHAU 38(Pt 2),593,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	ipr-rat TDLo:16 mg/kg (7-14D preg)	CRSBAW 162,1299,69
3T41T42T47	ipr-rat TDLo:9 mg/kg (7-9D preg)	CRSBAW 163,1299,69
2T35T53	ipr-rat TDLo:8 mg/kg (7-14D preg)	CRSBAW 163,1299,69
1T34	ipr-rat TDLo:4 mg/kg (6-9D preg)	TJADAB 17,151,78
1T50	ipr-rat TDLo:16 mg/kg (6-9D preg)	TJADAB 17,151,78
1T17	scu-mus TDLo:35 mg/kg (7D pre/1-21D preg)	ARZNAD 17,948,67
1T01	ivn-mus TDLo:2200 ug/kg (1D male)	CNREA8 42,122,82
1T27	ivn-rbt TDLo:1500 ug/kg (1-15D preg)	ARZNAD 17,948,67

TUMORIGENIC DATA AND REFERENCES:

2V03V15	ipr-rat TDLo:2200 ug/kg/7W-I	CANCAR 40(Suppl 4),1935,77
2V01R60	ivn-rat TDLo:6250 ug/kg	CNREA8 38,1444,78
3V03J60P62	ipr-mus TDLo:2340 ug/kg/26W-I	CANCAR 40(Suppl 4),1935,77
3V01R60V10	scu-mus TDLo:15 gm/kg/12W-I	RRCRBU 20,73,69
3V02M61T69	ivn-rat TD :5 mg/kg	CNREA8 32,1029,72
2V01R60	ivn-rat TD :13 mg/kg	EXPEAM 27,1209,71
3V01K60R60	ivn-rat TD :10 mg/kg	JJIND8 66,81,81

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:6 mg/kg	34ZIAG -,521,69
*	ipr-rat LD50:20 mg/kg	ADTEAS 3,181,68
	ivn-rat LD50:1.5 mg/kg	NCINS* -,304,67
	ipr-mus LD50:2500 ug/kg	NCINS* -,304,67
	scu-mus LD50:16 mg/kg	CORTAF 257,1813,63
*	ivn-mus LD50:18 mg/kg	85FZAT -,243,67
	ivn-dog LD50:4 mg/kg	ARZNAD 17,948,67
	ivn-rbt LD50:4 mg/kg	ARZNAD 17,948,67
	ivn-gpg LD50:4 mg/kg	ARZNAD 17,948,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75; 32XPAD -,49,75; CRTXB2 2,159,73

BEST COPY AVAILABLE

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,145,76
STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS INDEFINITE:RAT (CANCAR 40(Suppl 4),1935,77)
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS NEGATIVE:MOUSE (CANCAR 40(Suppl 4),1935,77)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DAUNOMYCIN BENZOYLHYDRAZONE see: DG3345000
DAUNOMYCIN CHLOROHYDRATE see: HB7878000

HB7876000 DAUNOMYCIN, 4-DEMETHOXY-
UPDT:8411 CAS: 58957-92-9 MW: 497.54 MOLFM: C26-H27-N-O9
SYN: 4-DEMETHOXYDAUNOMYCIN * 4-DEMETHOXYDAUNORUBICIN * NSC-256439
MUTATION DATA AND REFERENCES:
dnd-mus:fbr 1800 nmol/L CNREA8 37,4523,77
dnd-mam:lym 200 nmol/L BBRCA9 69,744,76
TOXICITY DATA AND REFERENCES:
orl-mus LD50:16 mg/kg CTRRDO 61,893,77
ivn-mus LD50:4 mg/kg CTRRDO 61,893,77

HB7878000 DAUNOMYCIN, HYDROCHLORIDE
UPDT:8403 CAS: 23541-50-6 MW: 564.03 MOLFM: C27-H29-N-O10 .Cl-H
SYN: CERUBIDINE * DAUNOBLASTIN * DAUNOBLASTINA * DAUNOMYCIN CHLOROHYDRATE * DAUNORUBICIN HYDROCHLORIDE * NDC 0082-4155 * NSC-82151 * ONDENA
MUTATION DATA AND REFERENCES:
mmo-sat 83 ng/plate CNREA8 38,2148,78
mmo-asn 250 mg/L MUREAV 97,293,82
dnd-mam:lym 10 umol/L CBINA8 9,25,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:290 mg/kg NIIRDN 6,437,82
* ipr-rat LD50:14300 ug/kg NIIRDN 6,437,82
* scu-rat LD50:33200 ug/kg NIIRDN 6,437,82
* ivn-rat LD50:14300 ug/kg NIIRDN 6,437,82
* orl-mus LD50:205 mg/kg NIIRDN 6,437,82
* ipr-mus LD50:3050 ug/kg NIIRDN 6,437,82
* scu-mus LD50:28800 ug/kg NIIRDN 6,437,82
* ivn-mus LD50:16700 ug/kg NIIRDN 6,437,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DAUNOMYCINOL see: QI9335000
DAUNORUBICIN see: HB7875000
DAUNORUBICINE see: HB7875000
DAUNORUBICIN HYDROCHLORIDE see: HB7878000
DAUNORUBICINOL see: QI9335000

HB7960000 DAVANA OIL
UPDT:8305 CAS: 8016-03-3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,737,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
DAVISON SG-67 see: VV7310000
DAVITAMON C see: CI7650000
DAVITAMON D see: KE1050000
DAVITAMON PP see: QT0525000
DAVITIN see: KE1050000
DAVOSIN see: WP0400000
DAVURTROP see: CK2450000
DAWE'S DESTROL see: WJ5600000
DAWSON 100 see: PA4900000

HB8550000 DAWSONITE
UPDT:8303 CAS: 12011-76-6 MW: 144.00 MOLFM: C-H2-Al-O5 .Na
SYN: CRYSTALLINE DEHYDROXY SODIUM ALUMINUM CARBONATE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 imp-rat TDLo:200 mg/kg JJIND8 67,965,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DAXID see: TM2665000
DAXTRON see: UU7780000

HB8780000 DAYCUS CAROTA Linn., root extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 9,91,71)
UPDT:8403
SYN: GAZAR ROOT EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

DAYFEN see: KK6300000
DAYFEN see: TM7810000
DAZOMET see: XI2800000
DAZOMET-POWDER BASF see: XI2800000
DAZZEL see: TF3325000
DB see: LY5235000
DB 133 see: OB3860000
DB 134 see: OB1835300
DB 135 see: OB2881000
DB 136 see: OB1834000
DB 138 see: OB1835200
DB 2041 see: LZ4365000
2,4-DB see: ES9100000
2,4-DB SODIUM SALT see: ES9275000
DB 90 see: WP3870000
4(2,4-DB) see: ES9100000
DB-905 see: DB9625000
DBA see: CW3850000
DBA see: HN2625000
DB(a,h)A see: HN2625000
1,2,5,6-DBA see: HN2625000
DB(a,h)AC see: HN0875000
DB(a,j)AC see: HN1050000
DBA 1,2-DIHYDRODIOL see: HN3860000
trans-DBA-3,4-DIHYDRODIOL see: HN3880000
DBA-5,6-EPOXIDE see: HN4725000
7H-DB(c,g)C see: HC5600000
DBCP see: TX8750000
DBD see: LW5425000
DBD see: TE1925000
DBDPO see: KN3525000
DBE see: KH9275000
DBED DIHYDROCHLORIDE see: KV3450000
DBED DIPENICILLIN G see: XH9425000
DBED PENICILLIN see: XH9425000
DBF see: DF6652050
DBH see: GV3150000
DBH see: GV4900000
DBH see: MO1515000
DBI see: DU2100000
DB-IBP see: TF6572000
DBI-TD see: DU2200000
DBM see: ON0875000
DBM see: OP2800000
DBMP see: GO7875000
DBN see: EJ4025000
2,6-DBN see: DI3500000
DBNA see: EJ4025000
DBN (THE HERBICIDE) see: DI3500000
DBOT see: WH7175000
DBP see: TI0875000
DB(a,e)P see: QL0175000
DB(a,h)P see: HO5775000
DB(a,i)P see: DI5775000
DB(a,l)P see: HO6125000
DBPC see: GO7875000
DBPC (TECHNICAL GRADE) see: GO7875000
DBQ see: DK3970000
D.B.T.C. see: WH7100000
DBTL see: WH7000000
2,4-D BUTYL ESTER see: AG8050000
2,4-D n-BUTYL ESTER mixed with 2,4,5-T n-BUTYL ESTER (1:1) see: AG8100000
2,4-D BUTYRIC see: ES9100000
DC-11 see: XF8600000
D&C 22 see: LM5850000
DC 360 see: JT6485000
DC 0572 see: MF5550000
DCA see: AG6125000
DCA see: BX2625000
DCA see: MU0700000
DCA see: HG0525000
3,4-DCA see: BX2625000
DC-45-A see: YJ9410000
DCA 70 see: AK0920000
(D-DCA(sup 6))-LHRH see: OK6457000
(D-DCA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6457000
DCB see: CZ4500000
DCB see: EM4900000
DCB see: DI3500000
DCB see: DD0525000
1,4-DCB see: EM4900000
DC-45-B1 see: YJ9411000
DC-45-B2 see: YJ9411100
DCBD see: EI9799000
D.C.(B).L. 306 see: XH9320000
D and C BLUE NO. 4 see: BQ4550000
D and C BLUE NO. 4 see: BQ4725000
D and C BLUE NO. 6 see: DU2988400
D&C BLUE NO. 6 see: DU2988400
DCBN see: CV3850000
DCDD see: HP3100000
6,6'-DCDS see: LZ5779900
2,3-DCDT see: EZ8225000
1,1-DCE see: KV9275000
1,2-DCE see: KI0525000
DCEE see: KN0875000
D and C GREEN NO. 4 see: BQ4900000
DCHA see: HY4025000
DCI see: DO1080000
DCIB see: UF0950000
DCI HYDROCHLORIDE see: DO1200000
DCM see: AS4025000
DCM see: PA8050000
DCM see: YS2787000
DCMA see: AS4025000
DCMO see: RP4550000
DCMOD see: RP4900000
DCMU see: YS8925000
DCNA see: BX2975000
DCNA (fungicide) see: BX2975000
DCNU see: LZ5758000
D & C ORANGE NO. 2 see: QL5425000
D & C ORANGE NO. 3 see: DB7085000
D & C ORANGE No. 3 see: QJ6500000
D and C ORANGE NO. 17 see: QL3854000
D and C ORANGE NUMBER 15 see: CB6580000
DCP see: SK8575000
2,4-DCP see: SK8575000
DCPA see: UE4900000
DCPA see: AT4755000
DCPA see: WZ1500000
DCPC see: DC7875000
DCPE see: DC7875000
DCPM see: PA3890000
cis-DCPO see: TX9683010
trans-DCPO see: TX9683000
D + C RED NO.3 see: LM5950000
D&C RED NO. 5 see: QJ6825000
D & C RED NO. 9 see: DB5500000
D&C RED No. 14 see: QL5700000
D & C RED NO. 17 see: QK4250000
D + C RED NO. 19 see: BP3675000
D&C RED NO. 22 see: LM5850000
D AND C RED NO. 35 see: QK4247000
D and C RED NO. 36 see: QL3436000
D.C.S. see: DV7700000
DCU see: YS2787000
DCVC see: AY5075000
D and C VIOLET NO. 1 see: BQ1140000
D and C YELLOW NO. 5 see: UQ6400000
D&C YELLOW NO. 8 see: LM5425000
D AND C YELLOW NO. 11 see: GE5925000
D-D see: TX9800000
D & D see: VV7330000
DDA see: JR6600000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

DDB see: MP1750000
DDC see: EZ6475000
DDC see: FD4200000
cis-DDCP see: TP2275992
trans(-)-DDCP see: TP2275980
trans(+)-DDCP see: TP2275991
DDD see: KI0700000
o,p'-DDD see: KH7880000
p,p'-DDD see: KI0700000
2,4'-DDD see: KH7880000
DDDM see: SM0175000
DDE see: KV9450000
p,p'-DDE see: KV9450000
DDETA see: EL3852000
2,4-D DIETHYLAMINE SALT see: AG8390000
2,4-D DIMETHYLAMINE SALT see: AG8400000
DDM see: SM0175000
DDM see: BY5425000
DDM see: MO2400000
DD-MENCS see: TX9565000
DD-METHYL ISOTHIOCYANATE mixt. see: TX9665000
DD MIXTURE see: TX9800000
DDMP see: UV8180000
DDMS see: JR6650000
DDNP see: DM2600000
DDOA see: AH1350000
DDOD see: RP8480000
2,4-D (DOT) see: AG6825000
DDP see: TP2450000
cis-DDP see: TP2450000
DDS see: BY8925000
DDS see: EZ4800000
DDS see: WN1225000
DDS (pharmaceutical) see: BY8925000
DDS A see: WN1225000
DDSO see: BY8440000
DD SOIL FUMIGANT see: TX9800000
DDS(VAN) see: BY8925000
DDT see: KJ3325000
o,p'-DDT see: KH7910000
p,p'-DDT see: KJ3325000
DDTCP see: MC0596570
DDT DEHYDROCHLORIDE see: KV9450000
DDT-DIMETHOATE see: KJ3332000
DDT (DOT) see: KJ3325000
DDVF see: TC0350000
DDVP see: TC0350000
DEA see: BX3400000
DEA see: KL2975000
DL-DEA see: SL0560820
DEACETYLANDROMEDOTOXIN see: PB9190000
DEACETYLANHYDROANDROMEDOTOXIN see: PB9220000
DEACETYLCEPHALOTHIN SODIUM SALT see: XI0383500
DEACETYLCHOLCHICEINE see: GH0960000
N-DEACETYLCOLCHICEINE see: GH0960000
DEACETYLCOLCHICINE see: GH0785000
N-DEACETYLCOLCHICINE see: GH0785000
DEACETYLCYTOCHALASIN H see: HA5320000
DEACETYLDEFORMOAKUAMMILINE see: WK7150000 STRICTAMINE
DEACETYLLANATOSIDE A see: FH5085000
DEACETYLLANATOSIDE B see: FH5083000
2'-DE(ACETYLMETHYLAMINO)-2'-METHYLMAYTANSINE see: OQ2291000
3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-N-DEMETHYL-3-HYDROXYMAYTANSINE 3-ACETATE see: OQ2292400
3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-N-DEMETHYL-3-HYDROXYMAYTANSINE 3-ISOBUTYRATE see: OQ2292440
3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-N-DEMETHYL-3-HYDROXYMAYTANSINE 3-ISOVALERATE see: OQ2292460
3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-N-DEMETHYL-3-HYDROXYMAYTANSINE 3-PROPIONATE see: OQ2292480
3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-3-HYDROXYMAYTANSINE ISOVALERATE (ester) see: OQ2295000
DEACETYLMETHYLCOLCHICINE see: GH0800000
DEACETYL-N-METHYLCOLCHICINE see: GH0800000
N-DEACETYL-N-METHYLCOLCHICINE see: GH0800000
N-DEACETYLMETHYLTHIOCOLCHICINE see: GH0875000
N-DEACETYL-N-(p-NITROBENZOYL)COLCHICINE see: GH0820000
N-DEACETYLTHIOCOLCHICINE see: GH0875000
DEACETYLVINBLASTINE see: YY8150000
4-DEACETYLVINBLASTINE see: YY8150000
DEACETYLVINBLASTINE HYDRAZIDE see: YY8430000
DEACETYLVINBLASTINE HYDROXYETHYLAMIDE see: YY8160000
O(sup 4)-DEACETYLVINCALEUKOBLASTINE 4-ESTER with N,N-DIMETHYLGLYCINE see: YY8180300
O(sup 4)-DEACETYL-VINCALEUKOBLASTIN-23-OIC ACID HYDRAZIDE see: YY8430000
DEACTIVATOR E see: ID5950000
DEACTIVATOR H see: ID5950000
DEADLY NIGHTSHADE see: CT3750000
DEAD OIL (DOT) see: GF8615000
DEADORA see: AY5600000
DEAE see: KK5075000
DEAE-D see: HH9250000
7-DE-L-ALANYL-7-GLYCYLPHALLOIDIN see: SF0100000
7-DE-L-ALANYL-7-LEUCYLPHALLOIDIN see: SF0120000
7-DE-7-ALANYL-7-VALYLPHALLOIDIN see: SF0140000
DEALCA TP1 see: MG0185000
DEALCA TP2 see: MG0185000
DEALKYLPRAZEPAM see: DF1750000
3'-DEAMINO-3'-(3-CYANO-4-MORPHOLINYL)DOXORUBICIN see: QH9405000
DEAMINOISOCYTOSINE see: UW7350100
3'-DEAMINO-3'-MORPHOLINO-DAUNOMYCIN see: QI9298000
DEAMOCARD see: XF8225000
DEANER see: KK6300000
DEANOL see: KK6125000
DEANOL ACEGLUMATE see: LZ9800000
DEANOL ACETAMIDOBENZOATE see: KK6300000
DEANOL p-ACETAMIDOBENZOATE see: KK6300000
DFANOL p-CHLOROPHENOXYACETATE see: AG0430000
DEANOLESTERE see: AG0430000
DEANOX see: NO7400000
DEANOX DNX PIGMENTS see: NO7400000
DEA OXO-5 see: SH5075000
DEAPASIL see: VO1225000
DEASERPYL see: ZG0525000
DEASPIDIN see: EU1225000
DEATH'S HERB see: CT3750000
7-DEAZAADENOSINE see: UY8870000
9-DEAZAADENOSINE see: UY8860000
DEAZAAMINOPTERIN see: MA1247500
10-DEAZA-AMINOPTERIN SODIUM see: MA1030000
DEAZAMINOPTERIN see: MA1247500
3-DEAZAURIDINE see: UV1148000
3-DEAZURIDINE see: UV1148000
DEB see: EJ8225000
DEB see: WJ5600000
DEBA see: CQ3500000
DEBANTIC see: TB9100000
DEBECACIN see: WK1985000
DEBECILLIN see: XH9425000
DEBECYLINA see: XH9425000
DEBENAL see: WP1925000
DEBENAL-M see: WP0750000

HD0430000 DEBENDOX
DEF:Tablets contain 10 mg DICYCLOMINE HYDROCHLORIDE, 10 mg DOXYLAMINE SUCCINATE and 10 mgPYRIDOXINE HYDROCHLORIDE (BMJOAE 1,691,78)
UPDT:8305
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T45T46T71	orl-wmn TDLo:75600 ug/kg (6-11W preg)	BMJOAE 1,691,78
3T27T39T45	orl-wmn TDLo:60 mg/kg (4-18W preg)	BMJOAE 1,691,78
1T46	orl-wmn TDLo:60 mg/kg (4-18W preg)	BMJOAE 1,691,78
3T45T46T53	orl-wmn TDLo:648 mg/kg (1-39W preg)	BMJOAE 1,691,78
1T75	orl-wmn TDLo:648 mg/kg (1-39W preg)	BMJOAE 1,691,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DEBENDRIN see: KR6825000

HD0500000 DEBREGEASIA HYPOLEUEA Wedd., extract excluding roots
DEF:Indian plant belonging to the family URTICACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: TUSARRA EXTRACT
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	IJEBA6 11,43,73

DEBRISOQUIN SULFATE see: NW7010000
DEBRISOQUINE SULFATE see: NW7010000 2(1H)-ISOQUINOLINECARBOXAMIDINE, 3,4-DIHYDRO-, SULFATE(2:1)
DEBROUSSAILLANT 600 see: AG6825000
DEBROUSSAILLANT CONCENTRE see: AJ8400000
DEBROUSSAILLANT SUPER CONCENTRE see: AJ8400000
DEC see: QJ3150000
DEC see: FF9800000
DECABANE see: DI3500000
DECA-DURABOLIN see: KG7967000
DECABORANE see: HD1400000

HD1400000 DECABORANE(14)
UPDT:8308 CAS: 17702-41-9 MW: 122.24 MOLFM: B10-H14
SYN: DECABORANE * DECABORANE (DOT) * UN 1868 (DOT)
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:64 mg/kg	MLSR** No.8,51
	ihl-rat LC50:46 ppm/4H	AMIHAB 17,362,58
	skn-rat LD50:740 mg/kg	AMIHAB 11,132,55
	ipr-rat LD50:23 mg/kg	AMIHBC 8,335,53
	orl-mus LD50:40 mg/kg	AMIHAB 11,132,55
	ihl-mus LC50:12 ppm/4H	NTIS** AD224-006
	ipr-mus LD50:32 mg/kg	AMIHAB 11,132,55
	skn-rbt LD50:71 mg/kg	AMIHAB 11,132,55
	ipr-rbt LD50:28 mg/kg	AMIHBC 8,335,53

REVIEW AND REFERENCES:
★ TLV-TWA 50 ppb; STEL 150 ppb (skin) DTLVS* 4,118,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 300 ug/m3 (skin) (SCP-Q) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID AND POISON CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DECABORANE (DOT) see: HD1400000
DECABROMOBIPHENYL ETHER see: KN3525000
DECABROMOBIPHENYL OXIDE see: KN3525000
DECABROMODIPHENYL OXIDE see: KN3525000
DECABROMOPHENYL ETHER see: KN3525000
DECACHLOROBI-2,4-CYCLOPENTADIEN-1-YL see: DT8225000
1,1',2,2',3,3',4,4',5,5'-DECACHLOROBI-2,4-CYCLOPENTADIEN-1-YL see: DT8225000
1,2,3,5,6,7,8,9,10,10-DECACHLORO(5.2.1.0(sup 2,6).0(sup 3,9).0(sup 5,8))DECANO-4-ONE see: PC8575000
DECACHLOROKETONE see: PC8575000
DECACHLORO-1,3,4-METHENO-2H-CYCLOBUTA(cd)PENTALEN-2-ONE see: PC8575000
DECACHLOROOCTAHYDRO-1,3,4-METHENO-2H-CYCLOBUTA(cd)PENTALEN-2-ONE see: PC8575000
1,1a,3,3a,4,5,5,5a,5b,6-DECACHLOROOCTAHYDRO-1,3,4-METHENO-2H-CYCLOBUTA(cd)PENTALEN-2-ONE see: PC8575000
DECACHLOROPENTACYCLO(5.2.1.0(sup 2,6).0(sup 3,9).0(sup 5,8))DECAN-4-ONE see: PC8575000
DECACHLOROPENTACYCLO(5.3.0.0(sup 2,6).0(sup 4,10).0(sup 5,9)DECAN-3-ONE see: PC8575000
DECACHLOROTETRACYCLODECANONE see: PC8575000
DECACHLOROTETRAHYDRO-4,7-METHANOINDENEONE see: PC8575000
DECACIL see: DE9275000
DECACURAN see: BP5950000
DECADERM see: TU3980000

HD3510500 2,4-DECADIENAMIDE, N-ISOBUTYL-, (E,E)-
UPDT:8405 MW: 223.40 MOLFM: C14-H25-N-O
SYN: (E,E)-N-ISOBUTYL-2,4-DECADIENAMIDE * N-ISOBUTYLDECA-trans-2,trans-4-DIENAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:700 mg/kg (1-7D preg)	IJSIDW 40,113,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HD3511000 1,6-DECADIEN-3-OL, 3,7,9-TRIMETHYL-
UPDT:8305 CAS: 56105-46-5 MW: 196.37 MOLFM: C13-H24-O
SYN: ISOBUTYL LINALOL * 3,7,9-TRIMETHYL-1,6-DECADIEN-3-OL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,837,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DECADRON see: TU3980000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

DECADRON-LA see: TU4050000
DECADRON PHOSPHATE see: TU4056000
DECA-DURABOL see: KG7967000
DECAETHOXY OLEYL ETHER see: RK2800000
DECAFENTIN see: TA2100000
(+-)-DECAHYDRO-N-ISOPROPYL-3-axial-PHENYLNAPHTHALEN-2-axial-AMINE HYDROCHLORIDE see: QJ0352100 NAPHTHALEN-2-axial-AMINE, DECAHYDRO-N-ISOPROPYL-3-axial-PHENYL-, HYDROCHLORIDE, (+-)-
(+-)-DECAHYDRO-N-ISOPROPYL-3-axial-PHENYLNAPHTHALEN-2-equatorial-AMINE HYDROCHLORIDE see: QJ0352300 NAPHTHALEN-2-equatorial-AMINE, DECAHYDRO-N-ISOPROPYL-3-axial-PHENYL-, HYDROCHLORIDE, (+-)-
(+-)-DECAHYDRO-N-ISOPROPYL-3-equatorial-PHENYLNAPHTHALEN-2-axial-AMINE HYDROCHLORIDE see: QJ0352200 NAPHTHALEN-2-axial-AMINE, DECAHYDRO-N-ISOPROPYL-3-equatorial-PHENYL-, HYDROCHLORIDE, (+-)-
(+-)-DECAHYDRO-N-ISOPROPYL-3-equatorial-PHENYLNAPHTHALEN-2-equatorial-AMINE HYDROCHLORIDE see: QJ0352400 NAPHTHALEN-2-equatorial-AMINE, DECAHYDRO-N-ISOPROPYL-3-equatorial-PHENYL-, HYDROCHLORIDE, (+-)-
DECAHYDRONAPHTHALENE see: QJ3150000
DECAHYDRONAPHTHALENE (DOT) see: QJ3150000
DECAHYDRO-beta-NAPHTHOL see: QK4240000
trans-DECAHYDRO-beta-NAPHTHOL see: QK4240000
DECAHYDRONAPTHOL-2 see: QK4240000
DECAHYDRO-beta-NAPHTHYL ACETATE see: QL3447000
DECAHYDRO-beta-NAPHTHYL FORMATE see: QL3448000
(+-)-DECAHYDRO-3-axial-PHENYLNAPHTHALEN-2-axial-AMINE METHANESULFONATE see: QJ0352600NAPHTHALEN-2-axial-AMINE, DECAHYDRO-3-axial-PHENYL-, METHANESULFONATE, (+-)-
(+-)-DECAHYDRO-3-axial-PHENYLNAPHTHALEN-2-equatorial-AMINE METHANESULFONATE see: QJ0352800NAPHTHALEN-2-equatorial-AMINE, DECAHYDRO-3-axial-PHENYL-, METHANESULFONATE, (+-)-
(+-)-DECAHYDRO-3-equatorial-PHENYLNAPHTHALEN-2-axial-AMINE METHANESULFONATE see: QJ0352700NAPHTHALEN-2-axial-AMINE, DECAHYDRO-3-equatorial-PHENYL-, METHANESULFONATE, (+-)-
(+-)-DECAHYDRO-3-equatorial-PHENYLNAPHTHALEN-2-equatorial-AMINE METHANESULFONATE see: QJ0352900 NAPHTHALEN-2-equatorial-AMINE, DECAHYDRO-3-equatorial-PHENYL-,METHANESULFONATE, (+-)-
1,2,3,4,4a,5,6,6a,11b,13b-DECAHYDRO-4,4,6a,9-TETRAMETHYL-13H-BENZO(a)FURO(2,3,4-mn)XANTHENOL see: DF8195000
delta-DECALACTONE see: UQ1355000
gamma-n-DECALACTONE see: LU4600000
DECALIN see: QJ3150000
DECALIN (DOT) see: QJ3150000
2-DECALINOL see: QK4240000
DECALIN SOLVENT see: QJ3150000
DECALINYL FORMATE see: QL3448000
2-DECALOL see: QK4240000
DECAMETHIONIUM IODIDE see: BP6300000
DECAMETHONIUM see: BP5950000
DECAMETHONIUM BROMIDE see: BP5950000
DECAMETHONIUM DIBROMIDE see: BP5950000
DECAMETHONIUM DIIODIDE see: BP6300000
DECAMETHONIUM IODIDE see: BP6300000
DECAMETHRIN see: GZ1240000
DECAMETHRIN see: GZ1233000
DECAMETHRINE see: GZ1233000
1,1'-DECAMETHYLENEBIS(4-AMINOQUINALDINIUM ACETATE) see: VA0600000
DECAMETHYLENEBIS(4-AMINOQUINALDINIUM CHLORIDE) see: VA0700000
1,1'-DECAMETHYLENEBIS(4-AMINOQUINALDINIUM CHLORIDE) see: VA0700000
1,10-DECAMETHYLENE-BIS(4-AMINOQUINALDINIUM CHLORIDE see: VA0700000
1,1'-DECAMETHYLENEBIS(4-AMINOQUINALDINIUM IODIDE) see: VA0705000
4,4'-DECAMETHYLENEBIS(1-BENZYL-1-METHYLPIPERAZINIUM CHLORIDE) see: TM3152000
4,4'-DECAMETHYLENEBIS(1,4-DIETHYLPIPERAZINIUM BROMIDE) see: TM3153200
4,4'-DECAMETHYLENEBIS(1,1-DIETHYLPIPERAZINIUM IODIDE) see: TM3153400
4,4'-DECAMETHYLENEBIS(1,1-DIMETHYLPIPERAZINIUM BROMIDE) see: TM3153600
4,4'-DECAMETHYLENEBIS(1,4-DIMETHYLPIPERAZINIUM BROMIDE) see: TM3153650
4,4'-DECAMETHYLENEBIS(1,1-DIMETHYLPIPERAZINIUM IODIDE) see: TM3153700
DECAMETHYLENEBIS(ETHYLDI-2-PYRIDYLAMMONIUM IODIDE) see: SP5922000
4,4'-DECAMETHYLENEBIS(1-ETHYL-1-METHYLPIPERAZINIUM IODIDE) see: TM3153900
DECAMETHYLENEBIS(TRIMETHYLAMMONIUM BROMIDE) see: BP5950000
DECAMETHYLENE-1,10-BISTRIMETHYLAMMONIUM DIBROMIDE see: BP5950000
1,1'-(DECAMETHYLENEDIOXY)BIS(3-CHLORO-2-PROPANOL) see: UA9840000
3,3'-(DECAMETHYLENEDIOXY)BIS(1,1-DIMETHYLPIPERIDINIUM BROMIDE) see: TN4860000
2,2'-(DECAMETHYLENEDITHIO)DIETHANOL see: KK3547000
DECAMINE see: AG6825000
DECAMINE see: VA0700000
DECAMINE 4T see: AJ8400000

HD6000000 1-DECANAL
UPDT:8305 CAS: 112-31-2 MW: 156.30 MOLFM: C10-H20-O
SYN: ALDEHYDE C10 * C-10 ALDEHYDE * CAPRALDEHYDE * 1-DECYL ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1079,73
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:450 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3730 mg/kg FCTXAV 11,477,73
* skn-rbt LD50:5040 mg/kg FCTXAV 11,477,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HD6200000 DECANAL, DIMETHYLACETAL
UPDT:8305 CAS: 7779-41-1 MW: 202.38 MOLFM: C12-H26-O2
SYN: ALDEHYDE C-10 DIMETHYLACETAL * DECYLALDEHYDE DMA * 1,1-DIMETHOXYDECANE * 10,10-DIMETHOXYDECANE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,759,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HD6320000 1-DECANAL, 2-METHYL-
UPDT:8305 CAS: 19009-56-4 MW: 170.33 MOLFM: C11-H22-O
SYN: 2-METHYL-1-DECANAL * METHYL OCTYL ACETALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,609,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
DECANAMINE ACETATE see: HE5077000

HD6550000 DECANE
UPDT:8401 CAS: 124-18-5 MW: 142.32 MOLFM: C10-H22
SYN: n-DECANE (DOT) * UN 2247 (DOT)
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:25 gm/kg/52W-I TXAPA9 9,30,66
TOXICITY DATA AND REFERENCES:
1F25 ihl-mus LC50:72300 mg/m3/2H GTPZAB 26(8),53,82
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
n-DECANE (DOT) see: HD6550000

HD7108000 1,10-DECANEDIAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-, DIHYDROCHLORIDE
UPDT:8308 MW: 585.64 MOLFM: C30-H36-N6-O2-2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)DECANEDIAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)SEBACAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:10300 ug/kg ANTCAO 2,581,52
1,10-DECANEDIAMINIUM, N,N,N,N',N',N'-HEXAMETHYL-, DIBROMIDE (9CI) see: BP5950000
1,10-DECANEDIAMINIUM, N,N,N,N(sup 1),N(sup 1),N(sup 1)-HEXAMETHYL-, DIIODIDE (9CI) see: BP6300000

HD7800000 DECANE, 1,2:9,10-DIEPOXY-
UPDT:8401 MW: 170.28 MOLFM: C10-H18-O2
SYN: 1,2:9,10-DIEPOXYDECANE
TUMORIGENIC DATA AND REFERENCES:
2V03P62 unk-mus TDLo:510 mg/kg RARSAM 3,193,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DECANEDIOIC ACID see: VS0875000
DECANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER see: VS1000000
DECANEDIOIC ACID, DIBUTYL ESTER see: VS1150000
DECANE, 1-METHOXY- see: KN7510000
DECANE,PERCHLOROPENTACYCLO- see: PC8225000

HD9000000 DECANE, 1,2:4,5:9,10-TRIEPOXY-
UPDT:8401 CAS: 52338-90-6 MW: 184.26 MOLFM: C10-H16-O3
SYN: 1,2:4,5:9,10-TRIEPOXYDECANE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:864 mg/kg/72W-I JNCIAM 53,695,74
2V02V10 scu-mus TDLo:1040 mg/kg/26W-I JNCIAM 53,695,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HD9100000 DECANOIC ACID
UPDT:8403 CAS: 334-48-5 MW: 172.30 MOLFM: C10-H20-O2
SYN: CAPRIC ACID * n-CAPRIC ACID * CAPRINIC ACID * CAPRYNIC ACID * n-DECANOIC ACID * n-DECOIC ACID * DECYLIC ACID * n-DECYLIC ACID * HEXACID 1095 * NEO-FAT 10 * 1-NONANECARBOXYLIC ACID
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,735,79
MUTATION DATA AND REFERENCES:
sln-smc 14500 ppb ANYAA9 407,186,83
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:129 mg/kg APTOA6 18,141,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
n-DECANOIC ACID see: HD9100000

HD9407000 DECANOIC ACID, ESTER with 5-BUTYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID
UPDT:8408 CAS: 21330-97-2 MW: 436.66 MOLFM: C24-H40-N2-O5
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:7 gm/kg YKKZAJ 89,254,69

HD9420000 DECANOIC ACID, ETHYL ESTER
UPDT:8305 CAS: 110-38-3 MW: 200.36 MOLFM: C12-H24-O2
SYN: CAPRIC ACID ETHYL ESTER * ETHYL CAPRATE * ETHYL CAPRINATE * ETHYL DECANOATE * ETHYL DECYLATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,733,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HD9550000 DECANOIC ACID, 10-FLUORO-, 2'-(FLUOROETHYL) ESTER
UPDT:8407 CAS: 591-74-2 MW: 236.34 MOLFM: C12-H22-F2-O2
SYN: 2-FLUOROETHYL omega-FLUORODECANOATE * 2-FLUOROETHYL 10-FLUORODECANOATE
TOXICITY DATA AND REFERENCES:
par-mus LD50:1u mg/kg JCSOA9 -,1471,49
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, CHREAY 48,225,51

HD9800000 DECANOIC ACID, 4-HYDROXY-4-METHYL-, gamma-LACTONE
UPDT:8305 CAS: 7011-83-8 MW: 184.31 MOLFM: C11-H20-O2
SYN: alpha-METHYL DECALACTONE * 4-METHYLDECANOLIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,867,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HD9900000 DECANOIC ACID, NONADECAFLUORO-
UPDT:8412 CAS: 335-76-2 MW: 514.11 MOLFM: C10-H-F19-O2
SYN: NDFDA * NONADECAFLUORODECANOIC ACID * NONADECAFLUORO-n-DECANOIC ACID * PERFLUORODECANOIC ACID * PERFLUORO-N-DECANOIC ACID * PFDA
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T26T34 orl-rat TDLo:30 mg/kg (12D preg) NTIS** AD-A095-370
1T02 ipr-rat TDLo:50 mg/kg (1D male) TXAPA9 70,362,83
TOXICITY DATA AND REFERENCES:
1U01 ipr-rat LD50:40 mg/kg TOXID9 1,16,81
* ipr-mus LC50:150 mg/kg TOXID9 1,16,81
* ipr-gpg LD50:150 mg/kg TOXID9 1,16,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DECANOL see: HE4375000
n-DECANOL see: HE4375000
1-DECANOL see: HE4375000
DECANOL (mixed isomers) see: HE4600000
DECANOLIDE-1,4 see: LU4600000
DECANOLIDE-1,5 see: UQ1355000

HE0757000 3-DECANONE, 5-HYDROXY-1-(4-HYDROXY-3-METHOXYPHENYL)-
UPDT:8405 CAS: 58253-27-3 MW: 299.48 MOLFM: C17-H31-O4
SYN: (6)-GINGEROL * 5-HYDROXY-1-(4-HYDROXY-3-METHOXYPHENYL)-3-DECANONE
MUTATION DATA AND REFERENCES:
mmo-sat 50 mg/L MUREAV 103,119,82
mmo-esc 200 umol/L MUREAV 122,67,83
DECANCX see: HE0781500

HE0781500 DECANOYL PEROXIDE
UPDT:8401 CAS: 762-12-9 MW: 342.58 MOLFM: C20-H38-O4
SYN: DECANOX * DECANOYL PEROXIDE (DOT) * DIDECANOYL PEROXIDE * DIDECANOYL PEROXIDE, technical pure (DOT) * PERKADOX SE 10 * PEROXIDE, BIS(1-OXODECYL) * UN 2120 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
DECANOYL PEROXIDE (DOT) see: HE0781500
9-DECAOCTENOIC ACID, TRIBUTYLSTANNYL ESTER see: WH8700000
3,6,9,12,15,18,21,24,27,30-DECAOXATRIACONTAN-1-OL, 30-(p-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL)- see: MD0907700
DECAPRYN see: US9275000
DECAPRYN SUCCINATE see: US9275000
DECAPS see: KE1050000
DECARBAMOYL MITOMYCIN C see: CN0680000
DECARBOFURAN see: FB9625000
m-DECARBOROCARBORANE see: HS9290000
DECARBOXYCYSTEINE see: KJ0175000
DECARBOXYCYSTINE see: KR7175000
DECARIS see: NJ5960000
DECARPYN SUCCINATE (1:1) see: US9275000

HE1605000 DECASCHISTIA CROTONIFOLIA Wt. & Arn., extract
DEF Indian plant belonging to the family MALVACEAE (IJEBA6 15,208,77)
UPDT.8408
TOXICITY DATA AND REFERENCES:
3H30M10N22 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

DECASERPIL see: ZG0525000
DECASERPINE see: ZG0525000
DECASERPYL see: ZG0525000
DECASERPYL PLUS see: ZG0525000
DECASONE see: TU3980000
DECASPIRIDE HYDROCHLORIDE see: RO0375000
DECASPRAY see: TU3980000
n-DECATYL ALCOHOL see: HE4375000
DECCOTANE see: EO3325000
DECELITH H see: KV9350000
DECEMTHION see: TE2275000
DECEMTHION P-6 see: TE2275000
4-cis-DECENAL see: HE2071400
cis-4-DECEN-1-AL see: HE2071400

HE2070000 2-DECENAL
UPDT.8305 CAS: 3913-71-1 MW: 154.28 MOLFM: C10-H18-O
SYN: 2-DECEN-1-AL * DECENALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTXAV 17,761,79
TOXICITY DATA AND REFERENCES:
" orl-rat LD50:5000 mg/kg FCTXAV 17,761,79
" skn-rbt LD50:3400 mg/kg FCTXAV 17,761,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
2-DECEN-1-AL see: HE2070000

HE2071400 4-DECENAL, (Z)-
UPDT.8401 CAS: 21662-09-9 MW: 154.28 MOLFM: C10-H18-O
SYN: cis-4-DECEN-1-AL * 4-cis-DECENAL
IRRITATION DATA AND REFERENCES:
skn-gpg 100%/24H MOD FCTOD7 20(Suppl),663,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
DECENALDEHYDE see: HE2070000
omega-DECENOL see: HE2095000
1-DECEN-10-OL see: HE2095000

HE2095000 9-DECEN-1-OL
UPDT.8305 CAS: 13019-22-2 MW: 156.30 MOLFM: C10-H20-O
SYN: omega-DECENOL * 1-DECEN-10-OL * DECYLENIC ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 100% FCTXAV 12,405,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
9-DECEN-1-OL, ACETATE see: AG5720000

HE2097000 4-DECEN-3-ONE, 1-(4-HYDROXY-3-METHOXYPHENYL)-
UPDT.8406 CAS: 555-66-8 MW: 276.41 MOLFM: C17-H24-O3
SYN: SHOGAOL * (6)-SHOGAOL
MUTATION DATA AND REFERENCES:
mmo-esc 700 umol/L MUREAV 122,87,83

DECENTAN see: TL7175000
DECENYL ACETATE see: AG5230000
9-DECENYL ACETATE see: AG5230000
DECHAN see: HY4200000
DECHLORANE see: PC8225000
DECHLORANE 515 see: PC8225000
DECHLORANE 4070 see: PC8225000
DECHLORANE A-0 see: CC5650000
DECHLORANE PLUS see: PC8225000
DECHLORANE PLUS 515 see: PC8225000
2,4-DECHLOROPHENYL p-NITROPHENYL ETHER see: KN8400000
DECHOLIN SODIUM see: FZ2500000
DECHOLIN SODIUM SALT see: FZ2500000
DECICAIN see: DG4900000
DECICAINE see: DG4900000
DECIDIAMIDE see: CV3455000
DECINCAN see: YY8575000
DECIS see: GZ1233000
DECIS see: GZ1240000
DECLID see: YQ2973000
DECLINAX see: NW7010000
DECLOMYCIN see: QI7650000
DECLOMYCIN HYDROCHLORIDE see: QI7700000
DECOFOL see: DC8400000

HE3140000 DECOFURANURONIC ACID, 6,9-DIAMINO-1-(6-AMINO-9H-PURIN-9-YL)-1,5,6,7,8,9-HEXADEOXY-
UPDT.8310 CAS: 58944-73-3 MW: 381.45 MOLFM: C15-H23-N7-O5
SYN: A 9145 * 6,9-DIAMINO-1-(6-AMINO-9H-PURIN-9-YL)-1,5,6,7,8,9-HEXADEOXYDECOFURANURONIC ACID * BF 32232 * SINEFUNGIN
TOXICITY DATA AND REFERENCES:
" orl-mus LD50:1000 mg/kg 85GDA2 5,298,81

n-DECOIC ACID see: HD9100000
DECONTRACTIL see: TZ1225000
DECONTRACTYL see: TZ1225000
DECORPA see: MG0185000
DECORTANCYL see: TU4154100
DECORTIN see: HG0525000
DECORTIN see: TU4154100
DECORTIN H see: TU4152000
DECORTISYL see: TU4154100
DECORTON see: HG0525000
DECOSERPYL see: ZG0525000
DECOSTERONE see: HG0525000
DECOSTRATE see: HG0525000
DECOYININ see: AU6256000
DECOYININE see: AU6256000
DECROTOX see: GQ5075000
DECTANCYL see: TU3980000
DECURVON see: NM8894000
DE-CUT see: UR5250000
N-DECYLACETAMIDE see: AB6060000

HE4375000 DECYL ALCOHOL
UPDT.8408 CAS: 112-30-1 MW: 158.32 MOLFM: C10-H22-O
SYN: AGENT 504 * ALCOHOL C-10 * ANTAX * C 10 ALCOHOL * CAPRIC ALCOHOL * CAPRINIC ALCOHOL * DECANOL * n-DECANOL * 1-DECANOL * n-DECATYL ALCOHOL * n-DECYL ALCOHOL * DECYLIC ALCOHOL * DYTOL S-91 * EPAL 10 * LOROL 22 * MONYLCARBINOL * PRIMARY DECYL ALCOHOL * ROYALTAC * SIPOL L10
IRRITATION DATA AND REFERENCES:
skn-hmn 75 mg/3D-I SEV 85DKA8 -,127,77
skn-rbt 2600 mg/kg/24H MOD AIHAAP 34,493,73
eye-rbt 83 mg SEV AIHAAP 34,493,73
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:12 gm/kg/25W-I TXAPA9 9,70,66
TOXICITY DATA AND REFERENCES:
2F07J22 orl-rat LD50:4720 mg/kg AIHAAP 34,493,73
" orl-mus LD50:6500 mg/kg FMCHA2 -,C208,83
" ihl-mus LC50:4 gm/m3/2H 85GMAT -,42,82
" skn-rbt LD50:3560 mg/kg FCTXAV 11,95,73
" unk-mam LD50:26 gm/kg FMCHA2 -,C102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HE4600000 DECYL ALCOHOL (mixed isomers)
UPDT.8407 MW: 158.32 MOLFM: C10-H22-O
SYN: DECANOL (mixed isomers) * FAIR 85 * SPROUT-OFF * TOBACCO SUCKER CONTROL AGENT 148
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 500 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
" orl-rat LD50:9800 mg/kg AMIHBC 4,119,51
" skn-rbt LD50:3560 mg/kg AMIHBC 4,119,51
" unk-mam LD50:26 gm/kg FMCHA2 -,C102,83

n-DECYL ALCOHOL see: HE4375000
1-DECYL ALDEHYDE see: HD6000000
1-DECYL ALDEHYDE see: YQ1500000
DECYLALDEHYDE DMA see: HD6200000

HE5077000 DECYLAMINE, ACETATE
UPDT.8303 CAS: 2016-38-8 MW: 217.40 MOLFM: C10-H23-N .C2-H4-O2
SYN: DECANAMINE ACETATE * 1-DECYLAMINE ACETATE
TOXICITY DATA AND REFERENCES:
" orl-mus LD50:720 mg/kg CHTPBA 1(1),11,65

1-DECYLAMINE ACETATE see: HE5077000

HE5078000 DECYLAMINE, N-(2-(BENZYLDITHIO)ETHYL)-, HYDROCHLORIDE
UPDT.8402 CAS: 13116-74-0 MW: 376.11 MOLFM: C19-H33-N-S2 .Cl-H
SYN: N-(2-(BENZYLDITHIO)ETHYL)DECYLAMINE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dni-rat-lym 5 umol/L CBINAB 23,215,78

HE5078500 DECYLAMINE, N-(2-((p-CHLOROBENZYL)DITHIO)ETHYL)-, HYDROCHLORIDE
UPDT.8402 CAS: 13116-77-3 MW: 410.55 MOLFM: C19-H32-Cl-N-S2 .Cl-H
SYN: N-(2-((p-CHLOROBENZYL)DITHIO)ETHYL)DECYLAMINE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dni-rat-lym 100 umol/L CBINAB 23,215,78

HE5081000 DECYLAMINE, N-(2-((p-NITROBENZYL)DITHIO)ETHYL)-, MONOHYDROCHLORIDE
UPDT.8402 CAS: 13116-78-4 MW: 389.05 MOLFM: C19-H32-N2-O2-S2 .Cl-H
SYN: N-(2-((p-NITROBENZYL)DITHIO)ETHYL)DECYLAMINE MONOHYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dni-rat-lym 100 umol/L CBINAB 23,215,78

alpha-((2-(DECYLAMINO)ETHYL)DITHIO)-m-TOLUNITRILE MONOHYDROCHLORIDE see: XV0940000
alpha-((2-(DECYLAMINO)ETHYL)DITHIO)-p-TOLUNITRILE MONOHYDROCHLORIDE see: XV0950000
DECYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE see: GQ4490000
1-DECYL-2,5-DIMETHYLPIPERAZINE DIHYDROCHLORIDE see: TL3498600
5-DECYL-2,6-DIMETHYL-4-PYRIMIDINOL see: UW6100000
DECYLENIC ALCOHOL see: HE2095000
DECYLIC ACID see: HD9100000
n-DECYLIC ACID see: HD9100000
DECYLIC ALCOHOL see: HE4375000
DECYL METHYL ETHER see: KM7510000
DECYL OCTYL ALCOHOL see: RG2010000
DECYL OCTYL PHTHALATE see: TI0550000
n-DECYL n-OCTYL PHTHALATE see: TI0550000
4-(DECYLOXY)BENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD2088000
1-(DECYLOXYCARBONYLMETHYL)-1-(3-CHLORO-4-(p-METHOXYPHENYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4715000
(DECYLOXYCARBONYLMETHYL)DIETHYL(3-(p-METHYLBENZYL)-2-BUTENYL)AMMONIUM CHLORIDE see: BP3050000
1-(DECYLOXYCARBONYLMETHYL)-1-(3-(2,4-DIMETHYLBENZYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4719500
1-(DECYLOXYCARBONYLMETHYL)-1-(3-(p-METHYLBENZYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4720500
4-(DECYLOXY)-3,5-DIMETHOXYBENZAMIDE see: CV3455000
4-n-DECYLOXY-3,5-DIMETHOXYBENZOIC ACID AMIDE see: CV3455000
4'-(DECYLOXY)-3-MORPHOLINOPROPIOPHENONE HYDROCHLORIDE see: UG9410400
3-(DECYLOXY)-5-PHENYL-as-TRIAZINE see: XY5840000
4'-(DECYLOXY)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE see: UG9410600
1-DECYLPIPERAZINE DIHYDROCHLORIDE see: TL3498500
DECYL 1-PIPERIDINEACETATE HYDROCHLORIDE see: TM3543000
2-DECYLTHIOETHANOL see: KK3548000
2-n-DECYLTHIOETHANOL see: KK3548000
1-DECYL-2,4,5-TRIMETHYLPIPERAZINE DIHYDROCHLORIDE see: TL3498700
DECYLTRIPHENYLPHOSPHONIUM BROMOCHLOROTRIPHENYLSTANNATE see: TA2100000
DEDC see: EZ6475000
DEDELO see: KJ3325000
DEDEVAP see: TC0350000
DEDIMETHYLELLIPTICINE see: UU8816500 6H-PYRIDO(4,3-b)CARBAZOLE
DEDK see: EZ6475000
D'E.D.T.A. DISODIQUE (French) see: AH4375000
DED-WEED see: AG6825000
DED-WEED see: AG1575000
DED-WEED see: UF0690000
DED-WEED see: UF8225000

BEST COPY AVAILABLE

DED-WEED BRUSH KILLER see: AJ8400000
DED-WEED CRABGRASS KILLER see: GS6825000
DED-WEED LV-69 see: AG6825000
DED-WEED LV-6 BRUSH KIL and T-5 BRUSH KIL see: AJ8400000
DEDYL see: AG6475000
DEENAX see: GO7875000
DEE-OSTEROL see: KE1050000
DEEP CRIMSON MADDER 10821 see: CB6580000
DEEP FASTONA RED see: QK4247000
DEEP LEMON YELLOW see: GB3240000

HE6810000 DEERINGIA AMARANTHOIDES Mar. extract excluding roots
DEF:Indian plant belonging to the family AMARANTHACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: MONBIR EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:250 mg/kg IJEBA6 12,512,74

DEE-RON see: KE1050000
DEE-RONAL see: KE1050000
DEE-ROUAL see: KE1050000
DEER'S TONGUE see: HE7200000

HE7200000 DEERTONGUE INCOLORE
UPDT:8305 CAS: 8024-14-4
SYN: DEER'S TONGUE * LIATRIS * LIATRIS OLEORESIN * VANILLA PLANT
TOXICITY DATA AND REFERENCES:
" orl-rat LD50:730 mg/kg FCTXAV 14,743,76
" skn-rbt LD50:3670 mg/kg FCTXAV 14,743,76

DEET see: XS3675000
16-DEETHYL-3-O-DEMETHYL-16-METHYL-3-O-(1-OXOPROPYL)MONENSIN see: QA5960000
DEETHYL HYCANTHONE see: XO1605970
DEF see: TG5425000
DEF DEFOLIANT see: TG5425000
DEFEKTON see: DW1015100
DE-FEND see: TE1750000
DEFEROXAMINE MESILATE see: UG5310000
DEFEROXAMINE METHANESULFONATE see: UG5310000
DEFIBRASE see: UK9588000
DEFIBRASE R see: UK9588000
DEFILIM see: WN0525000
DEFILTRAN see: AC8275000
DEFLAMENE see: TU3460000
DEFLAMON-WIRKSTOFF see: NI5600000
DEFLEXOL see: DM4550000
DEFLOGIN see: UQ8400000
DEFLORIN see: UU3675000
DE-FOL-ATE see: FO0175000
DE-FOL-ATE see: FO0525000
DEFOLIANT 2929 RP see: BX8050000
DEFOLIT see: YU1395000
DEFONIN see: NS1750000
DEFTOR see: YS5775000
DEFY see: AG8400000
DEG see: ID5950000
DEGALAN LP 59/03 see: TR0400000
DEGALAN S 85 see: TR0400000
DEGALOL see: FZ2100000
DEGLYCOSYLATED HCG see: MT6425400
DEGLYCOSYLATED HUMAN CHORIONIC GONADOTROPIN see: MT6425400
DEGMVE (Russian) see: KM5495500
DE GRAAFINA see: KG4050000
DEGRANOL see: OP2100000
DEGRANOL see: OP2275000
DEGRANOL CHINOIN see: OP2275000
DEGRASSAN see: GO9625000
DE-GREEN see: TG5425000
DEGUELIA ROOT see: HG4725000 DERRIS
DEGUMMED SOYBEAN OIL see: WG4862000
DEH see: KL2850000
DEH 24 see: YE6650000
DEHA see: AU9700000
DEHA see: NC3500000
DEHACODIN see: QD1680000
DEHIDROBENZPERIDOL see: DE2100060
DEHISTIN see: US2R00000
DEHISTIN see: US3150000
DEHISTIN MONOHYDROCHLORIDE see: US3150000
DEHP see: TI0350000
DEHP see: RN8221000
DEHPA EXTRACTANT see: IB7875000
DEHYDOL LS 4 see: MD0875000
DEHYDRACETIC ACID see: UP8050000
DEHYDRATIN see: AC8225000
DEHYDRITE see: SC8925000
DEHYDROACETIC ACID see: UP8050000
DEHYDROACETIC ACID, SODIUM SALT see: UP8225000
DEHYDROACETIC ACID, SODIUM SALT, MONOHYDRATE see: UP8400000
delta(sup 6)-DEHYDRO-17-ACETOXYPROGESTERONE see: TU4067000
trans-DEHYDROANDROSTERONE see: BV8396000
DEHYDROEPIANDROSTERONE SULFATE SODIUM see: BV8397400
DEHYDROBENZPERIDOL see: DE2100000
6-DEHYDRO-6-CHLORO-17-alpha-ACETOXYPROGESTERONE see: TU3750000
DEHYDROCHOLATE SODIUM see: FZ2500000
DEHYDROCHOLESTERIN (German) see: FZ5650000
7-DEHYDROCHOLESTERIN see: FZ5650000
DEHYDROCHOLESTEROL see: FZ5650000
7-DEHYDROCHOLESTEROL see: FZ5650000
7-DEHYDROCHOLESTEROL ACETATE see: FZ5680000
7-DEHYDROCHOLESTERYL ACETATE see: FZ5680000
7-DEHYDROCHOLESTROL, ACTIVATED see: VS2900000
DEHYDROCHOLIC ACID, SODIUM SALT see: FZ2500000
delta(sup 1)-DEHYDROCORTISOL see: TU4152000
1-DEHYDROCORTISONE see: TU4154100
DEHYDRODEOXYCHOLIC ACID see: FZ2256000

HF0350000 (-)-2,3-DEHYDROEMETIN DIHYDROBROMIDE
UPDT:8403 CAS: 30461-71-3 MW: 640.53 MOLFM: C29-H38-N2-O4 2Br-H
TOXICITY DATA AND REFERENCES:
" scu-mus LD50:50 mg/kg MEIEDD 10,414,83

DEHYDROEMETINE see: JY5095000
2-DEHYDROEMETINE see: JY5095000

HF0525000 (+-)-2,3-DEHYDROEMETINE HYDROCHLORIDE
UPDT:8403 CAS: 3317-75-7 MW: 515.15 MOLFM: C29-H38-N2-O4 Cl-H
TOXICITY DATA AND REFERENCES:
" scu-mus LD50:70 mg/kg MEIEDD 10,414,83

DEHYDROEPIANDROSTERONE see: BV8396000
5-DEHYDROEPIANDROSTERONE see: BV8396000
DEHYDROFOLLICULINIC ACID see: SP7300000
DEHYDROHELIOTRIDINE see: UY8350000
1-DEMYDROHYDROCORTISONE see: TU4152000
delta(sup 1)-DEHYDROHYDROCORTISONE see: TU4152000
11-DEHYDRO-17-HYDROXYCORTICOSTERONE see: GM9020000
11-DEHYDRO-17-HYDROXYCORTICOSTERONE ACETATE see: GM9140000
11-DEHYDRO-17-HYDROXYCORTICOSTERONE-21-ACETATE see: GM9140000
DEHYDROISOANDROSTERONE see: BV8396000
5,6-DEHYDROISOANDROSTERONE see: BV8396000

HF0740000 (-)-2,3-DEHYDROISOEMETINE, DIHYDROBROMIDE
UPDT:8403 CAS: 2649-50-5 MW: 640.53 MOLFM: C29-H38-N2-O4 2Br-H
TOXICITY DATA AND REFERENCES:
" scu-rat LD50:700 mg/kg MEIEDD 10,414,83

6-DEHYDRO-6-METHYL-17-alpha-ACETOXYPROGESTERONE see: TU4075000
DEHYDRO-3-METHYLCHOLANTHRENE see: CU1225000
1,2-DEHYDRO-3-METHYLCHOLANTHRENE see: CU1225000
6-DEHYDRO-16-METHYLENE-6-METHYL-17-ACETOXYPROGESTERONE see: TU4141000
1-DEHYDRO-16-alpha-METHYL-9-alpha-FLUOROHYDROCORTISONE see: TU3980000
DEHYDROMETHYLTESTERONE see: BV8000000
A1-DEHYDROMETHYLTESTERONE see: BV8000000
1-DEHYDRO-17-alpha-METHYLTESTOSTERONE see: BV8000000
DEHYDROMONOLAUTALIHE see: RC1250000
DEHYDROMIRIDAZOLE see: NJ5008000
DEHYDROMIVALENOL see: YD0167000
DEHYDROMIVALENOL MONOACETATE see: YD0150000
DEHYDROPHLEOMYCIN D1 see: BC5871200
11-DEHYDROPROSTAGLANDIN F2-alpha see: UK7930000
DEHYDRORETRONECINE see: VM7260000
6-DEHYDRO-RETRO-PROGESTERONE see: TU3671000
DEHYDROSTILBESTROL see: SL0580000
DEHYDROSTILBOESTROL see: SL0580000
DEHYDROSUPIMIDINE see: WU2010000
delta(sup 1)-DEHYDROTESTOLACTONE see: VS2200000
1-DEHYDROTESTOLOLACTONE see: VS2200000
1,2-DEHYDROTESTOLOLACTONE see: VS2200000
6-DEHYDROTESTOSTERONE see: BV7994500
6,7-DEHYDROTESTOSTERONE see: BV7994500
DEHYDROTHIO-p-TOLUIDINE see: DL2760000 BENZOTHIAZOLE, 2-(p-AMINOPHENYL)-6-METHYL-
delta(sup 3)-DEHYDRO-3,4-TRIMETHYLENEISOBENZANTHRENE-2 see: DE8600000
DEHYTON see: BU2614000
DEIDROBENZPERIDOLO see: DE2100000
DEINAIT see: KK2275000
DEIQUAT see: JM5690000
DEISOVALERYLBLASTMYCIN see: VN7007000
DEK see: SA8050000
DEKADIN see: VA0700000
DE-KALIN see: QJ3150000
DEKALINA (Polish) see: QJ3150000
DEKAMIN see: VA0700000
DEKORTIN see: TU4154100
DEKRYSIL see: GO9625000
DEKSONAL see: CZ1750000
DELACILLIN see: XH8300000
DELAC J see: JJ9800000
DELACURARINE see: YO4900000
DELADIOL see: KG5793000
DELADROXONE see: TU5011700
DELAGIL see: VB2360000
DELAGIL see: VB2450000
DELAHORMONE UNIMATIC see: KG5793000
DELALUTIN see: TU5085000
DELALUTIN and NORLUTIN see: RC9010000
DELAN see: QL0700000
DELAN-COL see: QL0700000
DELATESTRYL see: XA3080000
DELATESTRYL see: BV8400000
DELAVAN see: BO7380000
DELCAINE TARTRATE see: UL4900000
DELCORTOL see: TU4152000
DELEAF DEFOLIANT see: TG5600000
DELESTROGEN see: KG5793000
DELESTROGEN 4X see: KG5793000
DELGESIC see: VO0700000
DELICIA see: BD1400000
DELICIA see: SY7525000
DELICIA GASTOXIN see: BD1400000
DELIVA see: UE9480000
DELLIPSOIDS see: SI1400000
DELMOFULVINA see: WG9800000
DELMONEURINA see: NS1225000
DELNATEX see: TE3350030
DELNAV see: TE3350000J
DELONIN AMIDE see: CJS3675000
DELPET 50M see: TR0400000
DELPET 60M see: TR0400000
DELPET 80M see: TR0400000
DELPHENE see: XS3675000
m-DELPHENE see: XS3675000
DELPHINIC ACID see: NY1400000

HF2979000 DELPHINIUM AJACIS Linn., extract
DEF:Indian plant belonging to the family RANUNCULACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
" ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

DELPROSTENATE see: MI5242000
DELSTEROL see: VS2900000
DELTA see: NK5335000
DELTA-CORTEF see: TU4152000
DELTA CORTELAN see: TU4154100
DELTACORTENOL see: TU4152000
DELTACORTISONE see: TU4154100
DELTACORTONE see: TU4154100
DELTACORTRIL see: TU4152000
DELTA-DOME see: TU4154100

BEST COPY AVAILABLE

DELTA E see: TU4154100
DELTA-1,3,5-ESTRATRIEN-3-beta-OL-17-ONE see: KG8575000
DELTA F see: TU4152000
DELTAFLUORENE see: TU3980000
DELTALIN see: KE1050000
DELTAMETHRIN see: GZ1233000
DELTAMINE see: RQ2975000
DELTA-MVE see: RC8960000
DELTAMYCIN A see: MM0525000
DELTANI see: PV6210000
DELTA(sup 5,7,9)-NAPHTHANTRIENE see: CK3850000
DELTA-1,3,5-OESTRATRIEN-3-beta-OL-17-ONE see: KG8575000
DELTA(sup 4)-PREGNENE-3,20-DIONE see: TW0173000
DELTASONE see: TU4154100
DELTA-STAB see: TU4152000
DELTA(sup 6,8)-(9)-TERPADIENONE-2 see: OS8575000
DELTATHIONE see: MC0556000
DELTAZINA see: WP1925000
DELTILEN see: TU4152500
DELTISONE see: TU4154100
DELTOSIDE see: LV1050000
DELTRA see: TU4154100
DELTRATE 20 see: RZ2620000
DELTYL see: RT4900000
DELTYL PRIME see: RT4900000
DELURSAN see: FZ7000000
DELUSSA BLACK FW see: FF5800000
DELVOMYCIN see: QA2805000
DELYSID see: KE4100000
DELZOL-W see: RF0725000
DEMAMOL ACEGLUMATE see: LZ9800000
DEMAMOL see: NS5775000
DEMASORB see: PV6210000
DEMAVET see: PV6210000
DEMECLOCYCLINE see: QI7650000
DEMECLOCYCLINE HYDROCHLORIDE see: QI7700000
DEMECOLCIN see: GM0800000
DEMECOLCINE see: GM0800000
DEMEROL see: NS5775000
DEMEROL see: NS5950000
2-DEMETHYLTHIOCOLCHICINE see: GM0882000
DEMETROL HYDROCHLORIDE see: NS5950000
DEMEVO see: PV6210000
4-DEMETHOXYADRIAMYCIN see: AV9800000
DEMETHOXYYANGONIN see: UG1240000
10-DEMETHOXYCOLCHICINE see: AC8752000
4-DEMETHOXYDAUNOMYCIN see: HB7876000
4-DEMETHOXYDAUNORUBICIN see: HB7876000
10-DEMETHOXY-10-METHYLTHIOCOLCHICINE see: GM0878800
11-DEMETHOXYRESERPINE see: ZG0875000
DEMETHOXYVIRIDIOL see: GY5814000
N-DEMETHYLACLACINOMYCIN A see: QI7284600
DEMETHYLAMITRIPTYLENE see: HO9800000
DEMETHYLAMITRIPTYLINE see: HO9800000
DEMETHYLAMITRYPTYLINE see: HO9800000
N-DEMETHYLATED CARBACROL HYDROCHLORIDE see: EZ8740100 CARBAMIC ACID, 2-(DIMETHYLAMINO)ETHYLESTER, MONOHYDROCHLORIDE
N-DEMETHYLANSAMITOCIN P-3 see: OQ2292440
N-DEMETHYLANSAMITOCIN P-4 see: OQ2292460
DEMETHYLBLASTICIDIN S see: MP8930000
DEMETHYLCHLOROTETRACYCLINE see: QI7650000
6-DEMETHYLCHLOROTETRACYCLINE see: QI7650000
6-DEMETHYL-7-CHLOROTETRACYCLINE see: QI7650000
DEMETHYLCHLOROTETRACYCLINE HYDROCHLORIDE see: QI7700000
DEMETHYLCHLORTETRACYCLIN see: QI7650000
DEMETHYLCHLORTETRACYCLINE see: QI7650000
6-DEMETHYLCHLORTETRACYCLINE see: QI7650000
6-DEMETHYL-7-CHLORTETRACYCLINE see: QI7650000
DEMETHYLCHLORTETRACYCLINE BASE see: QI7650000
DEMETHYLCHLORTETRACYCLINE HYDROCHLORIDE see: QI7700000
O(sup 2)-DEMETHYLCOLCHICINE see: GM0880000
O(sup 10)-DEMETHYLCOLCHICINE see: GM0520000
3-O-DEMETHYLCOLCHICINE see: GM0880500
2-DEMETHYLCOLCHICINE see: GM0880000
3-DEMETHYLCOLCHICINE GLUCOSIDE see: GM0982000
O-DEMETHYLDAUNOMYCIN see: NJ7200000
DEMETHYLDIAZEPAM see: DF1750000
N-DEMETHYLDIAZEPAM see: DF1750000
1-DEMETHYLDIAZEPAM see: DF1750000
DEMETHYLDOPAN see: YQ8925000
4'-DEMETHYLEPIPODOPHYLLOTOXIN 9-(4,6-O-ETHYLIDENE-beta-D-GLUCOPYRANOSIDE see: KC0190000
4'-DEMETHYLEPIPODOPHYLLOTOXIN-beta-D-ETHYLIDEN-GLUCOSIDE see: KC0190000
4'-DEMETHYLEPIPODOPHYLLOTOXIN 9-(4,6-O-2-THENYLIDENE-beta-D-GLUCOPYRANOSIDE) see: KC0180000
4'-DEMETHYL-EPIPODOPHYLLOTOXIN-beta-D-THENYLIDENE-GLUCOSIDE see: KC0180000
4'-O-DEMETHYL-1-O-(4,6-O-ETHYLIDENE-beta-D-GLUCOPYRANOSYL)-EPIPODOPHYLLOTOXIN see: KC0190000
4-DEMETHYL-4-ETHYLNOBORITOMYCIN A see: RA3346000
O-DEMETHYLHELIOTRINE HYDROCHLORIDE see: RM6133000
DEMETHYLIMIPRAMINE see: HO0250000
DEMETHYLIMIPRAMINE HYDROCHLORIDE see: HO0525000
4'-DEMETHYL 1-O-(4,6-O,O-(2-THENYLIDENE)-beta-D-GLUCOPYRANOSYL)-EPIPODOPHYLLOTOXIN see: KC0180000
O(sup 2)-DEMETHYL-10-THIOCOLCHICINE see: GM0882000
N-DEMETHYLTHIOLUTIN see: AB7450000
N-DEMETHYLVINBLASTINE see: YY8180500
1'-DEMETHYLVINCALEUKOBLASTINE see: YY8180500
DEMETON see: TF3150000
DEMETON METHYL see: TG1760000
DEMETON-O + DEMETON-S see: TF3150000
DEMETON-O METHYL see: TG1650000
DEMETON-S-METHYL see: TG1750000
DEMETON-S METHYL SULFOXID (German) see: TG1420000
DEMETON-O METHYL SULFOXIDE see: TG1420000
DEMETON-S METHYL SULFOXIDE see: TG1420000
DEMETON METHYL SULFONEXIDE see: TG1420000
DEMETON-O METHYL (Italian) see: TG1650000
DEMETON-S METHYL (Italian) see: TG1750000
DEMETRACKLINA see: QI7700000

HF8655000 DEMETRIC ACID
UPDT:8312 CAS: 11012-90-1 MW: 276.46 MOLFM: C18-H28-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg 8SERAY 2,1451,78
DEMETRIN see: DF2368000
DEMEXIPTILINE HYDROCHLORIDE see: HP1330000
DEMISE see: AG8400000
DEMOCRACIN see: QI8750000
DEMOLOX see: MQ4025500
DEMORPHAN see: QD0222000
DEMOSAN see: CZ4750000
DEMOS-L40 see: TE1750000
DEMOTIL see: TN5075000
DEMOX see: TF3150000
DEMULEN see: RC8945300
DEN see: HZ8750000
DEN see: IA3500000
DENA see: IA3500000
DENAMONE see: DJ2900000
DENAPON see: FC5950000
DENAPON nitrosated (Japanese) see: FC6600000
DENDREPAR see: CK2990000
DENDRID see: YU7700000
DENDRITIS see: VZ4725000

HF9295000 DENDROPHTHOE FALCATA (L. f.) Etting., extract excluding roots
DEF:Indian plant belongs to the family LORANTHACEAE (JEBA6 7,250,69)
UPDT:8302
SYN: BANDA EXTRACT
TOXICITY DATA AND REFERENCES:
2M30J30 ipr-mus LD50:500 mg/kg JJEBA6 7,250,69

HF9296000 DENDROPHTHOE FALCATA (Linn.) Etting. var. LONGIFLORUS Dasr., extract excluding roots
DEF:Indian plant belonging to the family LORANTHACEAE (JEBA6 9,91,71)
UPDT:8303
SYN: BANDA-NIKEE EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1000 mg/kg JJEBA6 9,91,71
DENEGYT see: CV3455000
DENKA ABS-GR 2000 see: AT6970000
DENKA ABS-GV see: AT6970000
DENKA AC 50 see: AK0950000
DENKA AS-CY see: AT6978000
DENKALAC 61 see: AK0950000
DENKALAC 61M see: AK0950000
DENKA GP3 see: WL6475000
DENKA VINYL MM 90 see: AK0950000
DENKA VINYL SS 80 see: KV0350000
DENKA VINYL SS-Y see: KV0350000
DENMART see: PG3414500

HF9320000 DENON 331P
UPDT:8406 CAS: 5699-68-6
SYN: POLYOXYETHYLENE STEARYLAMINE STEARATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:27300 mg/kg (91D male) OYYAA2 9,761,75
1T12 orl-rat TDLo:22750 mg/kg (91D pre) OYYAA2 9,761,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DENSANFLUAT see: KX4550000
DENSEATINE see: GT9330000
DENYL see: MU1050000
DENYL see: MU1400000
DENYL SODIUM see: MU1400000
DENZIMOL HYDROCHLORIDE see: NI5683000

HF9500000 DEODASE
UPDT:8305 CAS: 8044-51-7
SYN: DEODORIZED KEROSENE * DEODORIZED KEROSINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),699,82
eye-rbt 100 mg/24H MLD FCTOD7 20(Suppl),669,82
TOXICITY DATA AND REFERENCES:
3F111F13M03 orl-rat LD50:45 gm/kg AIHOAX 2,420,50
3F111F13M03 orl-rat LD50:8840 mg/kg AIHOAX 2,420,50
DEODAR STEM EXTRACT (Indian) see: FJ1712000
DEODORIZED KEROSENE see: HF9500000
DEODORIZED KEROSINE see: HF9500000
DEODORIZED WINTERIZED COTTONSEED OIL see: GN2815000
DEOFED see: SH5075000
DEOGLENE GREEN 320 see: BP6825000
DEOVAL see: KJ3325000
9-DEOXO-16,16-DIMETHYL-9-METHYLENE-PGE2 see: MJ9671600
9-DEOXO-16,16-DIMETHYL-9-METHYLENE PGE2 see: MJ9672000
9-DEOXO-16,16-DIMETHYL-9-METHYLENEPROSTAGLANDIN E2 see: MJ9671600
9-DEOXO-16,16-DIMETHYL-9-METHYLENE PROSTAGLANDIN E2 see: MJ9672000
(9S)-9-DEOXO-9-((((4-ETHYLPHENYL)SULFONYL)AMINO)ERYTHROMYCIN see: KF4680000
(9S)-9-DEOXO-9-((((4-FLUOROPHENYL)SULFONYL)AMINO)ERYTHROMYCIN see: KF4680200
(9S)-9-DEOXO-9-((((4-IODOPHENYL)SULFONYL)AMINO)ERYTHROMYCIN see: KF4680400
11-DEOXOJERVINE see: GY0750000
(9S)-9-DEOXO-9-(((2-METHYLPHENYL)SULFONYL)AMINO)ERYTHROMYCIN see: KF4680600
(9S)-9-DEOXO-9-((((4-METHYLPHENYL)SULFONYL)AMINO)ERYTHROMYCIN see: KF4680610
(9S)-9-DEOXO-9-((((4-((1-OXOPROPYL)AMINO)PHENYL)SULFONYL)AMINO)ERYTHROMYCIN see: KF4680800
DEOXYADENOSINE see: AU7358600
2'-DEOXYADENOSINE see: AU7358600
3'-DEOXYADENOSINE see: AU7358610
4'-DEOXYADRIAMYCIN see: QI9295700
2'-DEOXY-2'-AMINOGUANOSINE see: MF8752000
2-DEOXY-D-ARABINO-HEXOSE see: MQ3325000
5'-DEOXY-5'-CHLORO-5,6-DICHLORO-1-beta-D-RIBOFURANOSYLBENZIMIDAZOLE see: DD7147000
5'-DEOXY-5'-CHLORO-DRB see: DD7147000
7-DEOXY-7(S)-CHLORDUNCOMYCIN HYDROCHLORIDE see: RH6250000
(E)-2'-DEOXY-5-(2-CHLOROVINYL)URIDINE see: YU7495000
DEOXYCHOLATE mixed with AMPHOTERIN B see: BU2660000
DEOXYCHOLATE SODIUM see: FZ2250000
DEOXYCHOLATIC ACID see: FZ2100000
DEOXYCHOLIC ACID see: FZ2100000
7-alpha-DEOXYCHOLIC ACID see: FZ2100000
DEOXYCHOLIC ACID mixed with AMPHOTERICIN B see: BU2660000
DEOXYCHOLIC ACID SODIUM SALT see: FZ2250000
4'-DEOXYCIRRAMYCIN A(sub 1) see: JG6800000

BEST COPY AVAILABLE

DEOXYCOFORMYCIN see: NI2931000
2'-DEOXYCOFORMYCIN see: NI2931000

HG0350000 11-DEOXYCORTICOSTERONE
UPDT:8308 CAS: 64-85-7 MW: 330.51 MOLFM: C21-H30-O3
SYN: CORTEXONE * DESOXYCORTICOSTERONE * DESOXYCORTONE * 21-HYDROXYPREGN-4-ENE-3,20-DIONE * 21-HYDROXYPROGESTERONE * 4-PREGNEN-21-OL-3,20-DIONE * PROGESTERONE, 21-HYDROXY-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T91 ims-rat TDLo:14500 ug/kg (7D pre/1-22D preg) JCINAO 41,710,82
1T13 par-rat TDLo:8750 ug/kg (7D pre) JEMEAV 102,347,55

TOXICITY DATA AND REFERENCES:
unk-mus LD50:1000 mg/kg JMCMAR 7,673,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HG0525000 11-DEOXYCORTICOSTERONE, ACETATE
UPDT:8611 CAS: 56-47-3 MW: 372.55 MOLFM: C23-H32-O4
SYN: 21-ACETOXY-3,20-DIKETOPREGN-4-ENE * CORTACET * CORTATE * CORTENIL * CORTESAN * CORTEXONE ACETATE * CORTICOSTERONE, DEOXY-, ACETATE * CORTIFAR * CORTIGEN * CORTINAQ * CORTIRON * CORTIVIS * CORTIXYL * DCA * DECORTIN * DECORTON * DECOSTERONE * DECOSTRATE * 11-DEOXYCORTICOSTERONE 21-ACETATE * DEOXYCORTONE ACETATE * DESCORTERONE * DESCOTONE * DESOXYCORTICOSTERONE ACETATE * DESOXYCORTONE ACETATE * DOCA * DOCA ACETATE * DOC-AT * DOC ACETATE * DORCOSTRIN * DOXO * 21-HYDROXYPREGN-4-ENE-3,20-DIONE 21-ACETATE * KRINOCORTS * OCRITEN * ORGANON'S DOCA ACETATE * PERCORTEN * PERCOTOL * PREGN-4-ENE-3,20-DIONE, 21-HYDROXY-, ACETATE * 4-PREGNENE-3,20-DIONE-21-OL ACETATE * PRIMOCORT * PRIMOCORTAN * SINCORTEX * SIERAQ * SYNCORT * SYNCORTA * SYNCORTYL * UNIDOCAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 scu-rat TDLo:1258 mg/kg (20D male) ENDOAO 28,129,41
1T72 par-rat TDLo:316 mg/kg (56D pre/1-22D preg) PSEBAA 120,238,65
1T22 par-rat TDLo:224 mg/kg (56D pre) PSEBAA 120,238,65
1T21 unk-rat TDLo:16 mg/kg (2D male) ANENAG 24(Suppl 3),1,63

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:520 mg/kg/13W-I PSEBAA 83,14,53

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CNBEAB 17,432,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
11-DEOXYCORTICOSTERONE 21-ACETATE see: HG0525000
17-DEOXYCORTISOL see: GM7650000
DEOXYCORTONE ACETATE see: HG0525000
DEOXYCYTIDINE see: HA3800000
2'-DEOXYCYTIDINE see: HA3800000
7-DEOXY-14-O-DAUNOSAMINYLADRIAMYCINONE see: QI9310000
7-DEOXY-9-O-alpha-DAUNOSAMINYLDAUNOMYCINONE see: QI9310100
6-DEOXY-6-DEMETHYL-6-METHYLENE-5-OXYTETRACYCLINE see: QI9275000
N-DEOXYDEMOXAPAM see: DF1750000
DEOXYELSPHANTOPIN see: LY4250000
DEOXYEPHEDRINE see: SM5075000
dl-DEOXYEPHEDRINE HYDROCHLORIDE see: SM5450000
9-DEOXY-12,13-EPOXY-9-OXOLEUCOMYCIN V 3-ACETATE 4(sup 8)-(3-METHYLBUTANOATE) see: MM0525000
17-DEOXYESTRADIOL see: KG7731000
DEOXYESTRONE see: KG7744000
3-DEOXYESTRONE see: KG7744000
17-DEOXYESTRONE see: KG7731000
15-DEOXY-15,15-ETHYLENEDIOXY-16-PHENOXY-17,18,19,20-TETRANOR-PGF2-alpha see: MJ9671000
15-DEOXY-15,15-ETHYLENEDIOXY-16-PHENOXY-17,18,19,20-TETRANOR-PGF2-alpha n-BUTYL ESTER see: MJ9671100
15-DEOXY-15,15-ETHYLENEDIOXY-16-PHENOXY-17,18,19,20-TETRANOR-PGF2-alpha METHYL ESTER see: MJ9671200
15-DEOXY-15,15-ETHYLENEDIOXY-16-PHENOXY-17,18,19,20-TETRANOR-PROSTAGLANDIN F2-alpha see: MJ9671000
15-DEOXY-15,15-ETHYLENEDIOXY-17-PHENYL-18,19,20-TRINOR-PGF2-alpha METHYL ESTER see: MJ9671400
15-DEOXY-15,15-ETHYLENEDIOXY-17-PHENYL-18,19,20-TRINORPROSTAGLANDIN F2-alpha METHYL ESTER see: MJ9671400
2'-DEOXY-5-ETHYNYLURIDINE see: YU7510000
2-DEOXYERYTHRITOL see: EK7176000
1-(2-DEOXY-2-FLUORO-1-beta-D-ARABINOFURANOSYL)-5-IODOCYTOSINE see: HA6010000
1-(2-DEOXY-2-FLUORO-beta-D-ARABINOFURANOSYL)-5-IODOURACIL see: YQ9512500
1-(2-DEOXY-2-FLUORO-beta-D-ARABINOFURANOSYL)-5-METHYLURACIL see: YQ9512600
1-(2-DEOXY-2-FLUORO-beta-D-ARABINOFURANOSYL)URACIL see: YQ9512000
1-DEOXY-1-(5-FLUORO-3,4-DIHYDRO-2,4-DIOXO-1(2H)-PYRIMIDINYL)-beta-D-GLUCOPYRANURONIC ACID see: LZ6572600
1-DEOXY-1-(5-FLUORO-2,4-DIOXO-1,2,3,4-TETRAHYDRO-1-PYRIMIDINYL)-beta-D-GLUCOPYRANURONIC ACID see: LZ6572600
6-DEOXY-6-FLUOROGLUCOSE see: LZ7127000
DEOXYFLUOROURIDINE see: YU7525000
2'-DEOXY-5-FLUOROURIDINE see: YU7525000
D-2-DEOXYGLUCOSE see: MQ3325000
2-DEOXYGLUCOSE see: MQ3325000
2-DEOXY-D-GLUCOSE see: MQ3325000
DEOXYGUANOSINE see: MF8760000
2'-DEOXYGUANOSINE see: MF8760000
9-(6-DEOXY-beta-D-erythro-HEX-5-ENULOFURANOSYL)ADENINE see: AU6256000
2'-DEOXY-5-(HYDROXYMETHYL)URIDINE see: YU7600000
alpha-6-DEOXY-5-HYDROXYTETRACYCLINE see: QI8650000
2'-DEOXY-5-IODOURIDINE see: YU7700000
(E)-2'-DEOXY-5-(2-IODOVINYL)URIDINE see: YU7750000
4-((6-DEOXY-alpha-L-MANNOPYRANOSYL)AMINO)BENZOIC ACID SODIUM SALT see: DG5850000
3-((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-1,8-DIHYDROXY-6-METHYL-9,10-ANTHRACENEDIONE see: CB0584000
3-((6-DEOXY-alpha-L-MANNOPYRANOSYL)-OXY)-14,16-DIHYDROXY-19-OXOCARD-20(22)-ENOLIDE see: AV3800000
((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-14-HYDROXYBUFA-4,20,22-TRIENOLIDE see: UK6630000
3-beta-((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-14-HYDROXYBUFA-4,20,22-TRIENOLIDE see: UK6630000
1-DEOXY-1-(METHYLAMINO)-D-GLUCITOL 5-ACETAMIDO-2,4,6-TRIIODO-N-METHYLISOPHTHALAMATE (SALT) see: NT1981800
1-DEOXY-1-(METHYLAMINO)-D-GLUCITOL mixed with SALICYLIC ACID see: VO2330000
2'-DEOXY-5-METHYLCYTIDINE see: MA3840000
3-((6-DEOXY-2-O-METHYL-alpha-L-GLUCOPYRANOSYL)OXY)-14-HYDROXY-19-OXO-CARD-20(22)-ENOLIDE see: FH4915000
2-DEOXY-2-(((METHYLNITROSOAMINO)CARBONYL)AMINO)-D-GLUCOPYRANOSE see: LZ5775000
2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-alpha(and beta)-D-GLUCOPYRANOSE see: LZ5775000
2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-D-GLUCOPYRANOSE see: LZ5775000
30-DEOXYNIGERICIN see: QT6830000
DEOXYNIVALENOL see: YD0167000
1-DEOXY-1-(N-NITROSOMETHYLAMINO)-D-GLUCITOL see: LZ4375000
2'-DEOXY-5-NITROURIDINE 5'-DIHYDROGEN PHOSPHATE see: YU7910000
4-DEOXYNIVALENOL see: YD0167000
DEOXYNIVALENOL MONOACETATE see: YD0150000
7-DEOXYNOGALAROL see: KD1146040
7-DEOXYNOGAROL see: KD1146600
DEOXYNOREPHEDRINE see: SI1750000
DEOXYNYBOMYCIN see: RQ5836000
3-DEOXYOESTRONE see: KG7744000
17-DEOXYOESTRONE see: KG7731000
alpha-6-DEOXYOXYTETRACYCLINE see: QI8650000
6-alpha-DEOXY-5-OXYTETRACYCLINE see: QI8650000
(R)-3-(2-DEOXY-beta-D-PENTOFURANOSYL)-3,6,7,8-TETRAHYDROIMIDAZO(4,5-d)(1,3)DIAZEPIN-8-OL see: NI2931000
DEOXYPHEDRINE see: SM5425000
2-DEOXYPHENOBARBITAL see: UV9100000
12-DEOXY-PHORBOL 20-ACETATE-13-DECADIENOATE see: GZ0590200
12-DEOXY-PHORBOL 20-ACETATE-13-DODECADIENOATE see: GZ0590500
12-DEOXYPHORBOL-13-ANGELATE-20-ACETATE see: GZ0567200
12-DEOXY-PHORBOL-13-DECDIENOATE-20-ACETATE see: GZ0590200
12-DEOXY-PHORBOL-13-DODECDIENOATE-20-ACETATE see: GZ0590500
12-DEOXYPICTOMYCIN see: QN4725000
(E)-2'-DEOXY-5-(1-PROPENYL)URIDINE see: YU7930000
4-DEOXYPYRIDOXAL see: UT4770000
DEOXYPYRIDOXINE see: UT4770000
4-DEOXYPYRIDOXINE see: UT4770000
4-DEOXYPYRIDOXOL see: UT4770000
4-DEOXYPYRIDOXOL HYDROCHLORIDE see: UT4800000
1-DEOXYPYRROMYCIN see: QI9279400
1-beta-D-2'-DEOXYRIBOFURANOSYL-5-FLUOROURACIL see: YU7525000
1-beta-D-2'-DEOXYRIBOFURANOSYL-5-IODOURACIL see: YU7700000
1-(2-DEOXY-beta-D-RIBOFURANOSYL)-5-IODOURACIL see: YU7700000

HG1933000 DEOXYRIBONUCLEIC ACID
UPDT:8306
SYN: CALF THYMUS DNA

MUTATION DATA AND REFERENCES:
dit-dmg-par 1000 ppm FOBLAN 20,271,74
ipn-dmg-par 1000 ppm FOBLAN 20,271,74
dns-nml-par 30 ng DEBIAO 43,189,75

DEOXYRIBONUCLEIC ACIDS LYSINE SALT see: RF0770000
DEOXYRIBOSE CYTIDINE see: HA3800000
DEOXYRIBOSE URACIL see: YU7490000
1-(4-DEOXY-4-(SARCOSYL-D-SERYL)AMINO-beta-D-GLUCOPYRANURONAMIDE)CYTOSINE see: LZ6572500
DEOXYTETRODOTOXIN see: XF8885000 TETRODOTOXIN, 4-DEOXY-
4-DEOXYTETRONIC ACID see: LU3500000
beta-DEOXYTHIOGUANOSINE see: UP0175000
beta-2'-DEOXYTHIOGUANOSINE see: UP0750000
beta-2'-DEOXY-6-THIOGUANOSINE MONOHYDRATE see: UP0175000
DEOXYTHYMIDINE see: XP2071000
2'-DEOXYTHYMIDINE see: XP2071000
21-DEOXYTRIAMCINOLINE ACETONIDE see: TU3840000
2'-DEOXY-5-(TRIFLUOROMETHYL)URIDINE see: YU7950000
(E)-2'-DEOXY-5-(3,3,3-TRIFLUORO-1-PROPENYL)URIDINE see: YU7960000
DEOXYURIDINE see: YU7490000
2'-DEOXYURIDINE see: YU7490000
2'-DEOXY-5-VINYLURIDINE see: YU7970000
DEP see: TY5250000
DEP see: TA0700000
2,4-DEP see: TG6150000
2,6-DEP see: KK4950000
DEPAKENE see: YV7875000
DEPAKENE see: YV7876000
DEPAKINE see: YV7875000
DEPAKINE see: YV7876000
DEPARAL see: VS2900000
DEPARON see: MP1330000
DEPD see: TD8600000
DEPEN see: YV9425000
DEPHADREN see: SI1400000
DEPHADREN see: SM9100000
DEPIGMAN see: SJ7700000
DEPINAR see: GG3750000
DEPOCID see: DA9520000
DEPOESTRADIOL see: KG4600000
DEPOESTRADIOL CYPIONATE see: KG4600000
DEPOFEMIN see: KG4600000
DEPO-HEPARIN see: MI0700000
DEPO-INSULIN see: NM8912800
DEPO-MEDROXYPROGESTERONE ACETATE see: TU5010000
DEPOMIDE see: WO9150000
DEPO-MPA see: TU5010000
DEPO-PENICILLIN see: XH9450000
DEPO-PROLUTON see: TU5085000
DEPO-PROVERA see: TU5010000
DEPO-PROVERA see: TW0175000
DEPOSUL see: WO9030000
DEPOSULIN see: NM8912800
DEPO-TESTOSTERONE see: XA3066000
DEPOT-OESTROMENINE see: WJ5400000
DEPOT-OESTROMON see: WJ5400000
DEPOTSULFONAMIDE see: DA9520000
DEPOVERMIL see: WP0400000
DEPOVIRIN see: XA3066000
DEPOXIN see: SM5075000
DEP (PESTICIDE) see: TA0700000
DEPRANCOL see: EL3000000
DEPRELIN see: WN3850000
DEPREMOL G see: NJ0607000
DEPREMOL M see: YU1610000
(-)-DEPRENIL HYDROCHLORIDE see: SM6070000
(-)-DEPRENIL HYDROCHLORIDE see: DA0292500
(-)-DEPRENIL HYDROCHLORIDE see: SM6060000
(-)-DEPRENYL HYDROCHLORIDE see: SM6070000
(-)-DEPRENYL HYDROCHLORIDE see: DA0292500
l-DEPRENYL HYDROCHLORIDE see: DA0292500
DEPRESSIM see: BQ8650000
DEPREX see: HO9450000

BEST COPY AVAILABLE

DEPRIDOL see: MJ6130000
DEPRIMOL see: HO1925000
DEPROMIC see: EL3000000
DEPT see: UM2407000
DEPTHON see: TA0700000
DEPUALONE see: SI0875000
DEQUADIN see: VA0700000
DEQUADIN ACETATE see: VA0600000
DEQUADIN CHLORIDE see: VA0700000
DEQUALINIUM ACETATE see: VA0600000
DEQUALINIUM CHLORIDE see: VA0700000
DEQUALINIUM IODIDE see: VA0705000
DEQUAVET see: VA0700000
DE R3R see: KN3525000
D.E.R. 332 see: TX3800000
DERACIL see: YR1575000
DERALIN see: UB7525000
DERATOL see: KE1050000
DERERoxAMINE MESYLATE see: UG5310000
DERESPERINE see: ZG0875000
DEREUMA see: CD2625000
DERGRAMIN see: TU3980000
DERIBAN see: TC0350900
DERIL see: DJ2800000
DERIPHAT see: BU2614000
DERIZENE see: DO7525000
DERIZENE see: MU1400000
DERMACAINE see: GD3150000
DERMACORT see: GM8925000
DERMADEX see: SM0700000
DERMA FAST BROWN W-GL see: GL7375000
DERMAFFINE see: RG4120000
DERMAFIX BROWN PL see: GL7375000
DERMAFOSU (Polish) see: TG0525000
DERMAGAN see: AB4230000
DERMAGEN see: AB4230000
DERMAGIME see: RG1925000
DERMALAR see: TU3830000
DERMALINE see: CB1225000
DERMAPHOS see: TG0525000
DERMARONE see: ZH5200000
DERMASORB see: PV6210000
DERMATOLOGICO see: YU9625000
DERMATON see: TB8750000
DERMA YELLOW P see: DB5042500
DERMISTINA see: KR6825000
DERMODRIN see: KR6825000
DERMOFUZAL see: LT7700000
DERMOGLANCIN see: CB7883000
DERMOTRICINE see: YP2975000
DERMOVATE see: TU3725000
DEROBIN see: CB1225000
DERONIL see: TU3980000
DEROSAL see: DD6500000
DERRIBANTE see: TC0350000
DERRICIDIN see: UD5579200
DERRICIN see: UD5579100
DERRIN see: DJ2800000

HG4725C00 DERRIS
DEF: The constituents of DERRIS are ROTENONE, DEQUELIN, TEPHROSIN and TOXICAROL(IECHAD 28,815,36)
UPDT:8408
SYN: DEGUELIA ROOT * DERRIS RESINS * DERRIS ROOT * TUBA ROOT
TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:100 mg/kg	IECHAD 28,815,36
*	orl-mus LD50:350 mg/kg	PSEBAA 54,140,43
	orl-dog LDLo:100 mg/kg	IECHAD 28,815,36
	orl-rbt LDLo:200 mg/kg	IECHAD 28,815,36
	orl-gpg LDLo:75 mg/kg	IECHAD 28,815,36

DERRIS see: DJ2800000
DERRIS RESINS see: HG4725000
DERRIS ROOT see: HG4725000

HG5010000 DERRIS SCANDENS (Roxb.) Benth., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1 gm/kg	IJEBA6 15,208,77

DES see: WJ5600000
cis-DES see: WJ5630000
DESdp see: WJ5680000
DESACETYLBUFOTALIN see: EI2997000
DESACETYLCEPHALOTHIN SODIUM see: XI0383500
DESACETYLCHOLCHICEINE see: GH0960000
DESACETYLCINOBUFAGIN see: EI2963500
DESACETYLCOLCHICINE see: GH0785000
N-DESACETYLCOLCHICINE see: GH0785000
DESACETYLDESFORMOAKUAMMILINE see: WK7150000 STRICTAMINE
DESACETYLDIGILAMIDE A see: FH5085000
DESACETYLLANATOSIDE B see: FH5083000
DESACETYLMETHYLCOLCHICINE see: GH0800000
N-DESACETYLMETHYLCOLCHICINE see: GH0800000
N-DESACETYL-N-METHYLCOLCHICINE see: GH0800000
N-DESACETYLTHIOCOLCHICINE see: GH0875000
DESACETYLVINBLASTINE see: YY8150000
DESACETYLVINBLASTINE AMIDE see: YY8080000
DESACETYL VINBLASTINE AMIDE SULFATE see: YY8100000
DESACETYLVINBLASTINE HYDRAZIDE see: YY8430000
DESACYLBALDRINAL see: GY5820000
DESADRENE see: TU3980000
DESAGLYBUZOLE see: DB1290000
(DES-ALA(sup 1),GLY(sup 2))-HIS(sup 4,5)-D-TRP(sup 8)-SOMATOSTATIN see: WF8760000
(DES-ALA(sup 1),GLY(sup 2))-HIS(sup 4,5)-D-TRP(sup 8)-SRIF see: WF8760000
DESALKYLPRAZEPAM see: DF1750000
DESAMETASONE see: TU3980000
DESAMETHASONE see: TU3980000
DESAMINE see: SH5075000
DESAMINOHYDROXYBLASTICIDIN-S see: MP8931000
DESAPIDIN see: HG5590000

HG5590000 DESASPIDIN
UPDT:8402 CAS: 60842-45-7
SYN: DESAPIDIN
TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:15800 ug/kg	JPMSAE 54,1362,65

DESASPIDIN BB see: EU1225000
DESBENZYL CLEBOPRIDE see: CU9395000
DESBENZYL IBP see: TF6572000
DESCHLOROBIOMYCIN see: QI8750000
DESCINOLONE ACETONIDE see: TU3840000
DESCORTERONE see: HG0525000
DESCOTONE see: HG0525000
N-DESCYCLOPROPYLMETHYLPRAZEPAM see: DF1750000
DESD see: WJ5775000
DESDAMINE see: UY7340000
DESDEMIN see: CB2625000
5,11-DESDIMETHYLELLIPTICINE see: UU8816500 6H-PYRIDO(4,3-b)CARBAZOLE
DESENEX see: YQ2975000
DESENEX SOLUTION see: YQ2975000
DESENTOL see: KR6825000
DESEPTYL see: WO8400000
DESERIL see: KE5300000
DESERNYL see: KE5300000
DESERPIDIN see: ZG0875000
DESERPIDINE see: ZG0875000
DESERPIDINE, 10-METHOXY- see: ZG0525000
DESERPINE see: ZG0875000
DESERPINE see: ZG0350000
DESERTALC 57 see: WW2710000
DESERT RED see: DB5500000
DESERYL see: KE5300000
DESETHYLHYCANTHONE see: XO1605970
DESFEDRAN see: SH5075000
DESFEDRIN see: SH5075000
DESFERAL METHANESULFONATE see: UG5310000 PROPIONOHYDROXAMIC ACID, N-(5-(3-((5-AMINOPENTYL)HYDROXYCARBAMOYL)PROPIONAMIDO)PENTYL)- 3-((5-(N-HYDROXYACETAMIDO)PENTYL)CARBAMOYL)-, MONOMETHANESULFONATE (SALT)
DESFERRIOXAMINE B MESYLATE see: UG5310000
DESFERRIOXAMINE B METHANESULFONATE see: UG5310000
DESFERRIOXAMINE METHANESULFONATE see: UG5310000
DESGLUCO-TRANSVAALIN see: UK6650000
(DES-GLY(sup 10)-(D-LEU(sup 6)(N(sup alpha)-ME)LEU(sup 7),PRO(sup 9)-NHEt))-LHRH see: OK6460000
(DES-HIS(sup 2)-DES-GLY(sup 10))-LHRH ETHYLAMIDE see: OK6465000
(DES-HIS(sup 2)-DES-GLY(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6465000
DES-I-CATE see: RN8225000
DESICCANT L-10 see: CG0700000
DESIMIPRAMINE see: HO0350000
DESIMPRAMINE see: HO0350000
DESIPRAMIN see: HO0350000
DESIPRAMINE see: HO0350000
DESIPRAMINE (D4) see: HO0350000
DESIPRAMINE HYDROCHLORIDE see: HO0525000
DESMA see: WJ5600000
DESMECOLCHINE see: GH0800000
DESMECOLCINE see: GH0800000
DESMEDIPHAM see: FD0425000
DESMEDIPHAM and PHENMEDIPHAM (1:1) see: FD9032000
DESMEL see: XZ4620000
DESMETHOXYKHELLIN see: LV1420000
DESMETHOXYRESERPINE see: ZG0875000
11-DESMETHOXYRESERPINE see: ZG0875000
DESMETHOXYVIRIDIOL see: GY5814000
DESMETHOXYYANGONIN see: UQ1240000
DESMETHYLAMITRIPTYLINE see: HO9800000
DESMETHYLAMITRIPTYLINE HYDROCHLORIDE see: HP0175000
DESMETHYLDIAZEPAM see: DF1750000
N-DESMETHYLDIAZEPAM see: DF1750000
DESMETHYLDOPAN see: YQ8925000
DESMETHYLDOXEPIN see: HQ4260000
11-DESMETHYLELLIPTICINE see: UU8850000 6H-PYRIDO(4,3-b)CARBAZOLE, 5-METHYL-
DESMETHYLIMIPRAMINE see: HO0350000
DESMETHYLIMIPRAMINE HYDROCHLORIDE see: HO0525000
DESMETHYLMETHADONE HYDROCHLORIDE see: MP1750000
DESMETHYLTAMOXIFEN see: KR6712700
N-DESMETHYLTAMOXIFEN see: KR6712700
DESMETRYN (German, Dutch) see: XZ0175000
DESMETRYNE see: XZ0175000

HG8926000 DESMODIUM CEPHALOTUS Wall., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8311
TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:1000 mg/kg	IJEBA6 11,43,73

HG8926500 DESMODIUM LAXIFLORUM DC., extract
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:

1Y55	ipr-mus LD50:45 mg/kg	IJEBA6 18,594,80

HG8926600 DESMODIUM MOTORIUM (Houtt.) Merr., extract
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:375 mg/kg	IJEBA6 18,594,80

HG8927000 DESMODIUM POLYCARPUM DC., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8303
TOXICITY DATA AND REFERENCES:

1H30	ipr-mus LD50:375 mg/kg	IJEBA6 12,512,74

HG8928000 DESMODIUM TILIAEFOLIUM G. Don., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 7,250,69)
UPDT:8303
SYN: SAMBAR EXTRACT
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:400 mg/kg	IJEBA6 7,250,69

DESMODUR 44 see: NQ9350000
DESMODUR T80 see: CZ6300000

HG8948000 DESMOS CHINENSIS, leaf or stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:563 mg/kg	CPBTAL 13,982,65

2,4-DES-Na see: KK4900000
2,4-DES-NATRIUM (German) see: KK4900000

BEST COPY AVAILABLE

DESOGESTREL see: JF7975000
DESOLET see: FO0525000
DESONIDE see: TU2800000
DESORMONE see: AG6825000
DESORMONE see: UF1050000
DESOSSIEFEDRINA see: SH5075000
DES-OXA-D see: SH5075000
DESOXEDRINE see: SH5075000
DES-alpha,beta-OXIDE see: DT4391200
DES 3,4-OXIDE see: DT4391200
DESOXIN see: SH5075000
DESOXO-5 see: SH5075000
DESOXON 1 see: SD8927100

HG9248000 DESOXON 3
UPDT:8408 CAS: 59593-05-4
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:1003 mg/kg GISAAA 48(6),28,83
° orl-mus LD50:770 mg/kg GISAAA 48(6),28,83

DESOXYADENOSINE see: AU7358600
DESOXYALIZARIN see: CB1220000
DESOXYCARBADOX see: EY7268000
DESOXYCHOLATE SODIUM see: FZ2250000
DESOXYCHOLIC ACID see: FZ2100000
DESOXYCHOLSAEURE (German) see: FZ2100000
DESOXYCORTICOSTERONE see: HG0350000
DESOXYCORTICOSTERONE ACETATE see: HG0525000
DESOXYCORTONE see: HG0350000
DESOXYCORTONE ACETATE see: HG0525000
DESOXYCYTIDIN (German) see: HA3800000
DESOXYEPHEDRINE see: SH4900000
DESOXYEPHEDRINE see: SH5425000
d-DESOXYEPHEDRINE HYDROCHLORIDE see: SH5425000
dl-DESOXYEPHEDRINE HYDROCHLORIDE see: SH5450000
l-DESOXYEPHEDRINE HYDROCHLORIDE see: SH5250000
dl-DESOXYEPHEDRONIUM SULFATHIAZOLE see: WP3899200 SULFANILIC ACID, 2-METHYL-2-(alpha-METHYLPHENETHYL)-1-(2-THIAZOLYL)HYDRAZIDE, (+-)-
17-DESOXYESTRADIOL see: KG7731000
DESOXYESTRONE see: KG7744000
DESOXYFED see: SH5075000
DESOXYFED see: SH5425000
2-DESOXY-D-GLUCOSE (French) see: MQ3325000
DESOXYISOPRENALINE HYDROCHLORIDE see: UX1901000
DESOXYN see: SH4900000
DESOXYN see: SH5075000
DESOXYN see: SH5425000
DESOXYN see: SI1400000
DESOXYNIGERICIN see: QT6830000
DESOXYNIVALENOL see: YD0167000
DESOXYNOREPHEDRINE see: SH9000000
DESOXYNOREPHEDRINE see: SI1750000
(+-)-DESOXYNOREPHEDRINE see: SH9450000
racemic-DESOXYNOR-EPHEDRINE see: SH9450000
3-DESOXYNORLUTIN see: RC8964300
DESOXYPHED see: SH5075000
2-DESOXYPHENOBARBITAL see: UV9100000
DESOXYPHENOBARBITONE see: UV9100000
DESOXYPYRIDOXIME HYDROCHLORIDE see: UT4800000
DESOXYPYRIDOXINE see: UT4770000
DESOXYRIBONUCLEINATE de L-LYSINE (French) see: RF0770000
DESOXYTETRODOTOXIN see: XF8885000 TETRODOTOXIN, 4-DEOXY-
2'-DESOXYURIDINE see: YU7490000
DESPACILINA see: XH9450000
DESPHEN see: AB6825000
DESPIROL see: PC8400000
DE-SPROUT see: UR5950000
DESSIN see: FF9100000
2,4-DES SODIUM see: KK4900000
DES (SYNTHETIC ESTROGEN) see: WJ5600000
DESTENDO see: DD2800000
DESTIM see: SH5075000
DESTOLIT see: FZ2000000
DESTOMYCIN A see: WK2129700
DESTONATE 20 see: WK2129900
DESTRIOL see: KG8225000
DESTROL see: WJ5600000
DESTRONE see: KG8575000
DESTRUXOL APPLEX see: VV8410000
DESTRUXOL BORER-SOL see: KI0525000
DESTRUXOL ORCHID SPRAY see: QS5250000
DESTUN see: PB0480000
DESURIC see: OB1804200
DESYPHED see: SH5075000
DESYPHED see: SH5425000
DESYPHEN see: SH5075000
DESYREL see: YM1431000
DET see: XS3675000
DETA see: IE1225000
DETA see: XS3675000
m-DETA see: XS3675000
DETA-20 see: XS3675000
DETAL see: GO9625000
DETALUP see: KE1050000
DETAMIDE see: XS3675000
DETAREX PY see: MB8222500
DETARIL see: TN0420000
DETERGENT 66 see: WT1050000
DETERGENT HD-90 see: D66825000
DETF see: TA0700000
DETHMOR see: GN4550000
DETHNEL see: GN4550000
DETHYLANDIAMINE see: UT1925000
2,4-D ETHYL ESTER see: AG8500000
DETIA see: SY7525000
DETIA see: BD1400000
DETIA-EX-B see: BD1400000
DETIA GAS EX-B see: BD1400000
DETIA GAS EX-B see: SY7525000
DETIGON see: DC7600000
DETIGON-BAYER see: DC7600000
DETMOL-EXTRACT see: GV4900000
DETMOL MA see: WM8400000
DETMOL MA 96% see: WM8400000
DETMOL U.A. see: TF6300000
DETORUBICIN see: AQ9427000
DETOX see: KJ3325000
DETOX 25 see: GV4900000
DETOXAN see: KJ3325000
DETRAVIS see: QI7700000
DETREOMYCINE see: AB6825000
DETREX see: SH5075000
DEUMACARD see: XF8225000
DEURSIL see: FZ2000000
DEUSLON-A see: KG8225000

HH2995000 DEUTERIUM
CAS: 7782-39-0 MW: 4.02 MOLFM: D2
SYN: DEUTERIUM (DOT) * UN 1957 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DEUTERIUM (DOT) see: HH2995000

HH3000000 DEUTERIUM FLUORIDE
UPDT:7901 CAS: 14333-26-7 MW: 21.01 MOLFM: D-F
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:1095 ppm/1H AMBL** TR-74-78,74
ihl-mus LC50:324 ppm/1H AMBL** TR-74-78,74
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DEUTERIUM OXIDE see: ZC0330000
DEVAL RED K see: XU5000000
DEVAL RED TR see: XU5000000
DEVEGAN see: CF8400000
DEVELIN see: EL3000000
DEVELOPER 11 see: SS7700000
DEVELOPER 13 see: SS8050000
DEVELOPER 14 see: XS9625000
DEVELOPER A see: QL2975000
DEVELOPER AMS see: QL2975000
DEVELOPER B see: XS9625000
DEVELOPER BN see: QL2975000
DEVELOPER C see: SS7700000
DEVELOPER DB see: XS9625000
DEVELOPER DBJ see: XS9625000
DEVELOPER H see: SS7700000
DEVELOPER N see: XS9625000
DEVELOPER M see: SS7700000
DEVELOPER MC see: XS9625000
DEVELOPER MT see: XS9625000
DEVELOPER MT-CF see: XS9625000
DEVELOPER MTD see: XS9625000
DEVELOPER O see: VG9625000
DEVELOPER P see: BY7000000
DEVELOPER PY see: SS8050000
DEVELOPER R see: VG9625000
DEVELOPER RS see: VG9625000
DEVELOPER SODIUM see: QL2975000
DEVELOPER T see: XS9625000
DEVELOPER Z see: UQ9625000
DEVICARB see: FC5950000
DEVICOPPER see: GL7020000
DEVICORAM see: LZ4380000
DEVIGON see: TE1750000
DEVIKOL see: TC0350000
DEVIL'S DUNG see: CI5625000
DEVINCAN see: YY8575000
DEVIPON see: UF0690000
DEVISULPHAN see: RB9275000
DEVITHION see: TG0175000
DEVOL ORANGE B see: BY6650000
DEVOL ORANGE R see: BY6825000
DEVOL ORANGE SALT B see: BY6650000
DEVOL RED F see: BX1575000
DEVOL RED GG see: BY7000000
DEVOL RED K see: XU5250000
DEVOL RED SALT F see: BX1575000
DEVOL RED TA SALT see: XU5250000
DEVOL RED TR see: XU5250000
DEVOL SCARLET B see: XU8225000
DEVOL SCARLET G SALT see: XU8225000
DEVOMEUM see: XM8450000
DEVORAN see: GV4900000
DEVOTON see: AI9100000
DEVRINOL see: UE3e00000
DEVRYL see: AA6977100
DEX see: LQ7708000
DEXA see: TU3980000
DEXACORT see: TU4056000
DEXACORT see: TU3980000
DEXA-CORTIDELT see: TU3980000
DEXA-CORTIDELT MOSTACORTIN H see: TU4152000
DEXA-CORTISYL see: TU3980000
DEXADELTONE see: TU3980000
DEXADRESON see: TU4056000
DEXAGRO see: TU4056000
DEXAIME see: SI1400000
DEXALINE see: SI1400000
DEXALME see: SI1400000
DEXALONE see: SI1400000
DEXAMBUTOL see: EL3854000
DEXAMED see: SI1400000
DEXAMETH see: TU3980000
DEXAMETHASONE see: TU3980000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

DEXAMETHASONE ACETATE see: TU4050000
DEXAMETHASONE ALCOHOL see: TU3980000
DEXAMETHASONE 17,21-DIPROPIONATE see: TU4057900
DEXAMETHASONE DISODIUM PHOSPHATE see: TU4056000
DEXAMETHASONE ISONICOTINATE see: TU4060000
DEXAMETHASONE 21-ISONICOTINATE see: TU4060000
DEXAMETHASONE 21-ORTHOPHOSPHATE see: TU4055000
DEXAMETHASONE PHOSPHATE see: TU4055000
DEXAMETHASONE 21-PHOSPHATE see: TU4055000
DEXAMETHASONE 21-PHOSPHATE DISODIUM SALT see: TU3845000
DEXAMETHASONE SODIUM PHOSPHATE see: TU4056000
DEXAMETHASONE VALERATE see: TU4065000
DEXAMETHASONE 17-VALERATE see: TU4065000
DEXAMETHAZONE see: TU3980000
DEXAMETHAZONE SODIUM PHOSPHATE see: TU4056000
DEXAMINE see: SI1400000
DEXAMPHAMINE see: SI1400000
DEXAMPHETAMINE see: SH9100000
DEXAMPHETAMINE see: SI1400000
DEXAMPHETAMINE SULFATE see: SI1400000
DEXAMPHETAMINE TARTRATE see: SI1770000
DEXAMYL see: SI1400000
DEXBENZETIMIDE HYDROCHLORIDE see: DW1080000
DEXBROMPHENIRAMINE MALEATE see: US4026200
DEXCHLOROPHENIRAMINE MALEATE see: US6504000
DEXCHLORPHENIRAMINE MALEATE see: US6504000
DEXEDRINA see: SI1400000
DEXEDRINE see: SH9100000
DEXEDRINE see: SI1400000
DEXEDRINE SULFATE see: SI1400000
DEXETIMIDE HYDROCHLORIDE see: DW1080000
DEXIES see: SI1400000
DEXIUM see: DB6127000
DEXNORGESTREL ACETIME see: JF7976000
DEX OB see: SI1400000
DEXON see: CZ1750000
DEXONE see: TU3980000
DEXON E 117 see: UD1842000
DEXOPHRINE see: SH5075000
DEXOSYN see: SM5075000
DEXOVAL see: SM5075000
DEXOVAL see: SM5425000
DEXOVAL see: SI1400000
DEXOXON see: CZ1750000
DEXPANTHENOL see: ES4316000
DEXSTIM see: SM5075000
DEX-SULE see: SI1400000
DEXTELAN see: TU3980000
DEXTEN see: SI1400000
DEXTENAL see: SI1400000
DEXTIM see: SM5075000
DEXTIM see: SM5425000

HH9230000 DEXTRAN 1
UPDT:8401 CAS: 9004-54-0
TUMORIGENIC DATA AND REFERENCES:
3V02R60T64 ipr-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V02R60T64 scu-rat TDLo:2500 mg/kg AMPLAO 67,589,59
2V03N60 ipr-mus TDLo:8000 mg/kg AMPLAO 67,589,59
3V03L60N60 scu-mus TDLo:8000 mg/kg AMPLAO 67,589,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HH9232500 DEXTRAN 2
UPDT:8401 CAS: 9004-54-0
TUMORIGENIC DATA AND REFERENCES:
3V02L60T64 ipr-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V02G60R60 scu-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V02J60L60 ipr-mus TDLo:8000 mg/kg AMPLAO 67,589,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HH9235000 DEXTRAN 5
UPDT:8401 CAS: 9004-54-0
TUMORIGENIC DATA AND REFERENCES:
2V02N60 scu-mus TDLo:8000 mg/kg AMPLAO 67,589,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HH9240000 DEXTRAN 10
UPDT:8401 CAS: 9004-54-0
TUMORIGENIC DATA AND REFERENCES:
3V01L60N60 scu-rat TDLo:2500 mg/kg AMPLAO 67,589,59
2V01L60 ipr-mus TDLo:8000 mg/kg AMPLAO 67,589,59
3V01N60P61 ivn-rbt TDLo:8750 mg/kg/1 AMPLAO 67,589,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HH9245000 DEXTRAN 11
UPDT:8401 CAS: 9004-54-0
TUMORIGENIC DATA AND REFERENCES:
3V02N60R60 ipr-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V03L60P61 scu-mus TDLo:8000 mg/kg AMPLAO 67,589,59
2V03J60 ivn-rbt TDLo:8750 mg/kg AMPLAO 67,589,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HH9247500 DEXTRAN 70
UPDT:8409 CAS: 9004-54-0
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T311T34T46 ivn-rbt TDLo:675 gm/kg (8-16D preg) OYYAA2 6,1119,72
1T02 ivn-rbt TDLo:900 gm/kg (30D male) OYYAA2 6,1089,72
TOXICITY DATA AND REFERENCES:
3G30H30R03 ivn-wmn TDLo:.6 mg/kg BAJOAE 2,1502,76
* scu-mus LD50:13900 mg/kg OYYAA2 6,1023,72
* ivn-mus LD50:12100 mg/kg OYYAA2 6,1023,72
* ivn-rbt LD50:17400 mg/kg OYYAA2 6,1023,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HH9250000 DEXTRAN, DIETHYLAMINOETHYL-, POLYMER
UPDT:8401 CAS: 9015-73-0
SYN: DEAE-D * DIETHYLAMINOETHYL-DEXTRAN
TUMORIGENIC DATA AND REFERENCES:
3V02P62V10 scu-mus TDLo:1200 mg/kg/30W-I JNCIAM 50,387,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DEXTRAN IRON COMPLEX see: NI2200000

HH9290000 DEXTRAN SULFATE SODIUM
DEF: A synthetic sulfated polysaccharide composed of dextran and sulfated glucose(JJINDB 66,579,81)
UPDT:8311
SYN: DS-M-1
TUMORIGENIC DATA AND REFERENCES:
3V01K60K61 orl-rat TDLo:330 gm/kg/94W-C CRNGDP 3,353,82
3V01K60K61 orl-rat TD :335 gm/kg/19W-C JJINDB 66,579,81
3V01K61N60 orl-rat TD :600 gm/kg/69W-C CALEDQ 18,29,83
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:21 gm/kg NIIRDN 6,481,82
* ivn-mus LD50:15800 mg/kg NIIRDN 6,481,82
* ivn-rbt LD50:19 gm/kg NIIRDN 6,481,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DEXTRIFERRON see: NO6210000
DEXTRIFERRON INJECTION see: NO6210000
alpha-DEXTRIN see: GU2292000
beta-DEXTRIN see: GU2293000
DEXTROAMPHETAMINE see: SI1400000
DEXTROAMPHETAMINE SULFATE see: SI1400000
DEXTROAMPHETAMINE TARTRATE see: SI1770000
DEXTROANFETAMINA see: SI1400000
DEXTROBENZETIMIDE HYDROCHLORIDE see: DW1080000
DEXTRO CALCIUM PANTOTHENATE see: RU4375000
DEXTROCHLORPHENIRAMINE MALEATE see: US6504000

HH9870000 DEXTROCHRYSIN
UPDT:8309 CAS: 12624-02-1
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:750 ug/kg BSERAY 2,1302,78

DEXTROFER 75 see: NI2200000
DEXTROMETHADONE see: MJ6000000
DEXTROMETHORPHAN see: QD0194000
DEXTROMETHORPHAN BROMIDE see: QD0222000
DEXTROMETHORPHAN HYDROBROMIDE see: QD0222000
DEXTROMETORPHAN HYDROBROMIDE see: QD0222000
DEXTROMORAMIDE BITARTRATE see: UY1430000
DEXTROMORAMIDE TARTRATE see: UY1430000
DEXTROMYCETIN see: AB6825000
DEXTRONE see: JM5690000
DEXTRONE see: DW2275000
DEXTRONE-X see: DW2275000
DEXTRO-PROFETAMINE see: SI1400000
DEXTROPROPOXYPHENE HYDROCHLORIDE see: EL3000000
DEXTROPROPOXYPHENE NAPSYLATE see: EL3080000
DEXTROPUR see: LZ6600000
DEXTROSE see: LZ6600000
DEXTROSE, ANHYDROUS see: LZ6600000
DEXTROSOL see: LZ6600000
DEXTROSULE see: SI1400000
DEXTROSULPHENIDOL see: AB6680000
DEXTROTUBOCURARINE CHLORIDE see: YO4900000
DEXURON see: DW2275000
DEZIBARBITUR see: CQ6825000
DEZONE see: TU3980000
DF 118 see: QD1680000
DF 468 see: ES6300000
DF 469 see: ES5610000
DF 470 see: ES7345000
DF-521 see: UK9588000
DFA see: JJ7800000
DFD 0173 see: TQ3325000
DFD 0188 see: TQ3325000
DFD 2005 see: TQ3325000
DFD 6005 see: TQ3325000
DFD 6032 see: TQ3325000
DFD 6040 see: TQ3325000
DFDJ 5505 see: TQ3325000
DFM see: HZ1770000
alpha-DFMO see: RM2981700
alpha-DFMO see: RM2981600
DFP see: TE5075000
DFS see: SH9800000
DFT see: FE1225000
DFV see: TU3830500 PREGNA-1,4-DIENE-3,20-DIONE, 6,9-DIFLUORO-11-HYDROXY-16-METHYL-21-((1-OXOPENTYL)OXY)-, (6-alpha,11-beta,16-alpha)-
2 DG see: MQ3325000
DGE see: KN2350000
DG-HCG see: MT6425400
D. GIGANTEA VENOM see: YX4179800
DGNB 3825 see: TQ3325000
DH 7 see: UC3916000
DH 14 see: UC3918000
DH 15 see: UC3917900
DH 245 see: BV8061000
DHA see: BV8396000
DHA see: UP8050000
DeHA see: CM2100000
DHA-245 see: XJ4020000
DHAI FLOWER EXTRACT (Indian) see: ZD0100000
DHAKIALATA EXTRACT (Indian) see: WI8145000
DHAMAN EXTRACT (Indian) see: ME2910600
DHAMAN STEM BARK EXTRACT (Indian) see: ME2910450
DHAN SEED EXTRACT (Indian) see: RN0100000
DHAORO STEM BARK EXTRACT (Indian) see: CA1610000
DHAQ see: CB5748500
DHA-S see: UP8225000
DHA-S see: UP8400000
DHA-SODIUM see: UP8225000
DHA-S SODIUM see: BV8397400
DHATAKI FLOWER EXTRACT (Indian) see: ZD0100000
DHAWAS EXTRACT (Indian) see: VN3680000

BEST COPY AVAILABLE

2,4-DHBA see: VH3708050
2,5-DHBA see: LY3850000
DHBP see: DE2100000
beta-DHC see: PB9520100
DHMS see: WK2450000
DHN see: UP8225000
DHNT see: PC3200000
D.H.O. 180 see: KE1099000
DHPG see: MF8407000
DHP LIGNIN see: Oi6000000
DHPN see: JL9650000
DHS see: UP8050000
DHT see: RV8052000
5-beta-DHT see: BV8054000
DHTP see: BV8060300
D 201 HYDROCHLORIDE see: UU8568000
D-8955 HYDROCHLORIDE see: DO5464000
DIABARIL see: Y56650000
DIABASE SCARLET G see: XU8225000
DIABASIC MAGENTA see: CX9855000
DIABASIC RHODAMINE B see: BP3675000
DIABECHLOR see: YS6630000
DIABEFAGOS see: DU1800000
DIABEN see: YS4550000
DIABENAL see: YS6650000
DIABENESE see: YS6650000
DIABENEZA see: YS6650000
DIABENOR see: YS7609600
DIABENYL see: KR6825000
DIABETA see: YS4725200
DIABETAMID see: YS4550000
DIABETOL see: YS4550000
DIABETORAL see: YS6650000
DIABET-PAGES see: YS6650000
DIABINESE see: YS6650000
DIABORAL see: YS4200000
DIABORAL see: YS78U0000
DIABRIN see: DU1135000
DIABUTAL see: CQ6125000
DIABUTON see: YS4550000
DIABYLEN see: KR6825000
DIACARB see: AC8225000
DIACELLITON FAST BLUE R see: CB0540000
DIACELLITON FAST GREY G see: DD0875000
DIACELLITON FAST YELLOW G see: AC3662000
DIACEL NAVY DC see: DD0875000
DIACEPAN see: DF1575000
DIACEPHIN see: QC8050000

HI3995000 DIACETAMIDE, N-(BENZO(a)PYREN-4-YL)-
UPDT:8303 MW: 351.42 MOLFM: C24-H17-N-O2
SYN: N-(BENZO(a)PYREN-4-YL)DIACETAMIDE * 4-N,N-DIACETYLAMINOBENZO(e)PYRENE
MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate MUREAV 94,13,82

HI3995010 DIACETAMIDE, N-(BENZO(a)PYREN-12-YL)-
UPDT:8303 MW: 351.42 MOLFM: C24-H17-N-O2
SYN: N-(BENZO(a)PYREN-12-YL)DIACETAMIDE * 12-N,N-DIACETYLAMINOBENZO(a)PYRENE
MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate MUREAV 94,13,82

DIACETAMIDE, N-FLUOREN-2-YL- (8CI) see: AC0350000

HI4000600 DIACETAMIDE, 2-(2-FLUORENYL)-
UPDT:8408 MW: 265.33 MOLFM: C17-H15-N-O2
SYN: N-ACETYL-2-FLUORENYLACETAMIDE * 2-(2-FLUORENYL)DIACETAMIDE
MUTATION DATA AND REFERENCES:
otr-hmn:fbr 1 mg/L CBINAB 22,185,78
dnd-hmn:fbr 300 ug/L CBINAB 22,185,78

HI4002000 DIACETAMIDE, N-(2-PHENANTHRENYL)-
UPDT:8408 MW: 277.34 MOLFM: C18-H15-N-O2
SYN: N-ACETYL-2-ACETYLAMINOPHENANTHRENE * N-(2-PHENANTHRENYL)DIACETAMIDE
MUTATION DATA AND REFERENCES:
dns-hmn:fbr 100 umol/L GMCRDC 17,3,75

1,4-DIACETAMIDOANTHRAQUINONE see: CB6195000
1,4-DIACETAMIDO-9,10-ANTHRAQUINONE see: CB6195000
4,4'-DIACETAMIDOBIPHENYL see: DT2800000
4,4'-DIACETAMIDODIPHENYL SULFONE see: AE7175000
N-1-DIACETAMIDOFLUORENE see: AC0330000
2-DIACETAMIDOFLUORENE see: AC0350000
2,7-DIACETAMIDOFLUORENE see: AC0700000
2,4-DIACETAMIDO-6-(5-NITRO-2-FURYL)-s-TRIAZINE see: XY5850000
3,5-DIACETAMIDO-2,4,6-TRIIODOBENZOIC ACID, SODIUM SALT see: DG6125000
alpha,5-DIACETAMIDO-2,4,6-TRIIODO-m-TOLUIC ACID see: DG0895000

HI4742000 DIACETANILIDE, 4''-STYRYL-
UPDT:8411 MW: 279.36 MOLFM: C18-H17-N-O2
MUTATION DATA AND REFERENCES:
dns-hmn:fbr 50 umol/L GMCRDC 17,3,75

10,040 DIACETATE see: DU1930000
2',4'-DIACETATE-DIS-NOGAMYCIN see: KD1146450
DIACETATOZIRCONIC ACID see: ZH7100000
DIACETAZOTOL see: AB4230000
DIACETIC ETHER see: AK5250000
DIACETONALCOHOL (Dutch) see: SA9100000
DIACETONALCOOL (Italian) see: SA9100000
DIACETONALKOHOL (German) see: SA9100000
DIACETONE ACRYLAMIDE see: AS3475000
DIACETONE ALCOHOL see: SA9100000
DIACETONE ALCOHOL (DOT) see: SA9100000
DIACETONE ALCOHOL PEROXIDE, more than 57% in solution (DOT) see: SA9105500
DIACETONE ALCOHOL PEROXIDE, not more than 57% in solution (DOT) see: SA9105400
DIACETONE-ALCOOL (French) see: SA9100000
DIACETOTOLUIDE see: AB4230000
o-DIACETOTOLUIDIDE, 4''-(o-TOLYLAZO)- (8CI) see: AB4230000
1,3-DIACETOXYBENZENE see: VH0580000
DIACETOXYBUTYLTIN see: WH6880000
DIACETOXYDIBUTYLSTANNANE see: WH6880000
DIACETOXYDIBUTYLTIN see: WH6880000
trans-7,8-DIACETOXY-7,8-DIHYDROBENZO(e)PYRENE see: DJ6305000
4-beta,15-DIACETOXY-3-alpha,8-alpha-DIHYDROXY-12,13-EPOXYTRICHOTHEC-9-ENE see: YD0080000
3-alpha,17-beta-DIACETOXY-2-beta,16-beta-DIPIPERIDINO-5-alpha-ANDROSTANE DIMETHOBROMIDE see: TN4930000
3-beta, 17-beta-DIACETOXY-17-alpha-ETHYNYL-4-OESTRENE see: RC8963000
4-beta,15-DIACETOXY-3-alpha-HYDROXY-12,13-EPOXYTRICHOTHEC-9-ENE see: YD0112000
DIACETOXYMERCURY see: AI8575000
7-DIACETOXYMETHYLBENZ(a)ANTHRACENE see: CW8050000
4,15-DIACETOXY-8-(3-METHYLBUTYRYLOXY)-12,13-EPOXY-delta-9-TRICHOTHECEN-3-OL see: YD0100000
4-beta,15-DIACETOXY-8-alpha-(3-METHYLBUTYRYLOXY)-3-alpha-HYDROXY-12,13-EPOXYTRICHOTHEC-9-ENE see: YD0100000
3-beta,17-beta-DIACETOXY-19-NOR-17-alpha-PREGN-4-EN-20-YNE see: RC8963000
DIACETOXYPROPENE see: UC9625000
1,1-DIACETOXYPROPENE-2 see: UC9625000
3,3-DIACETOXYPROPENE see: UC9625000
DIACETOXYSCIRPENOL see: YD0112000
DIACETOXYTETRABUTYLDISTANNOXANE see: JN8740000
DIACETYL see: EK2625000
DIACETYL-ACETALE de l'ALDEHYDE BROMO-5 ACETYLSALICYLIQUE (French) see: XT2185000
DIACETYLAMINOAZOTOLUENE see: AB4230000
4-N,N-DIACETYLAMINOBENZO(e)PYRENE see: HI3995000
12-N,N-DIACETYLAMINOBENZO(e)PYRENE see: HI3995010
4,4'-DIACETYLAMINOBIPHENYL see: DT2800000
4,4'-DIACETYLAMINODIPHENYL SULFONE see: AE7175000
N-DIACETYL-2-AMINOFLUORENE see: AC0350000
N,N-DIACETYL-2-AMINOFLUORENE see: AC0350000
2-DIACETYLAMINOFLUORENE see: AC0350000
2,7-DIACETYLAMINOFLUORENE see: AC0700000
DI-(p-ACETYLAMINOPHENYL)SULFONE see: AE7175000
3,5-DIACETYLAMINO-2,4,6-TRIJODBENZOSAEURE METHYLGLUCAMIN (German) see: DG6140000
3,5-DIACETYLAMINO-2,4,6-TRIJODBENZOSAEURE NATRIUM (German) see: DG6125000
6,11-DIACETYLANHYDROTETRODOTOXIN see: XF8883000 TETRODOTOXIN, 4,9-ANHYDRO-, 6,11-DIACETATE(ester)
DIACETYLBENZIDINE see: DT2800000
N,N'-DIACETYL BENZIDINE see: DT2800000
4,4'-DIACETYLBENZIDINE see: DT2800000
N,O-DIACETYL-N-(4-BIPHENYLYL)HYDROXYLAMINE see: NC3411500
DIACETYLCHOLINE CHLORIDE see: GA2360000
DIACETYLCHOLINE DICHLORIDE see: GA2360000
DIACETYLCHOLINE DIIODIDE see: GA5250000
DIACETYLCHOLINE IODIDE see: GA5250000
DIACETYLDAPSONE see: AE7175000
N,N'-DIACETYLDAPSONE see: AE7175000
N,N'-DIACETYL-4,4'-DIAMINODIPHENYL SULFONE see: AE7175000
4,4'-DIACETYLDIAMINODIPHENYL SULFONE see: AE7175000
3,4-DIACETYL-1,2-5,6-DIANHYDRO-D[illegible]ITOL see: LW5380000
N,N'-DIACETYLDIANISIDINE see: AB7631700
2,6-DIACETYL-7,9-DIHYDROXY-8,9b-DIMETHYL-1,3(2H,9bH)-DIBENZOFURANDIONE see: HP5270000
p,p'-DIACETYLDIPHENYL ETHER see: AM9656500 ACETOPHENONE, 4',4'''-OXYDI-
4,4'-DIACETYLDIPHENYL ETHER see: AM9656500 ACETOPHENONE, 4',4'''-OXYDI-
4,4'-DIACETYLDIPHENYL OXIDE see: AM9656500 ACETOPHENONE, 4',4'''-OXYDI-
DIACETYL (DOT) see: EK2625000
DIACETYLE-ACETALE de l'ALDEHYDE DIIODO-3,5 ACETYLSALICYLIQUE (French) see: XT2180000
alpha,beta-DIACETYLETHANE see: MO3150000
1,2-DIACETYLETHANE see: MO3150000
N,N-DIACETYL-2-FLUORENAMINE see: AC0350000
2,5-DI-o-ACETYL-D-GLUCARO-1,4:6,3-DILACTONE see: LZ3990000
2,5-DI-O-ACETYL-D-GLUCOSACCHARO-1,4:6,3-DILACTONE see: LZ3990000
O,O'-DIACETYL 4-HYDROXYAMINOQUINOLINE 1-OXIDE see: VB4800000
DIACETYL-ISATIN-3-OXIM (German) see: NL7873900
DI-O-ACETYLKOJIC ACID see: UQ0890000
DIACETYLMANGANESE see: AI5770000
DIACETYLMETHANE see: SA1925000
DIACETYLMORFIN see: QC8050000
DIACETYLMORPHINE see: QC8050000
DIACETYLNIVALENOL see: YD0165500
3,4-DIACETYLOXY-L-PHENYLALANYL-3,4-DIACETYLOXY-L-PHENYLALANINE BENZYL ESTER HYDROCHLORIDE see: AY4560000
DIACETYL PEROXIDE see: AP8500000
DIACETYL PEROXIDE (solution) see: AP8550000
N,O-DIACETYL-N-(p-STYRYLPHENYL)HYDROXYLAMINE see: NC3440000
trans-N,O-DIACETYL-N-(p-STYRYLPHENYL)HYDROXYLAMINE see: NC3450000
N,N-DIACETYL-o-TOLYLAZO-o-TOLUIDINE see: AB4230000
DIACID see: YS2975000
DIACID METANIL YELLOW see: DB7329500
DIACID ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
DIACOTTON BENZOPURPURINE 4B see: QK1765000
DIACOTTON BLUE BB see: QJ6400000
DIACOTTON CONGO RED see: QK1400000
DIACOTTON DARK GREEN see: QJ6195050
DIACOTTON DEEP BLACK see: QJ6160000
DIACOTTON DEEP BLACK RX see: QJ6160000
DIACOTTON SKY BLUE 5B see: QJ6420000
DIACOTTON SKY BLUE 6B see: QJ6430000
DIACRID see: AR9660000
DIACROMO BLUE G see: QK2195000
DIACTOL see: KE1050000
DIACYCINE see: QI9100000
DIADEM CHROME BLUE G see: QK1925000
DIADEM CHROME BLUE R see: QK1925000
DI-ADEMIL see: DK9625000
DIADILAN see: NK6125000
DIADOL see: CQ3325000
DI-ADRESON see: TU4154100
DI-ADRESON F see: TU4152000
DIADUR see: BD1200000
DIAETHANOLAMIN (German) see: KL2975000
DIAETHANOLAMIN, 3,5-DIJODPYRIDON-(4)-ESSIGSAEURE (German) see: UR8750000
DIAETHANOLNITROSAMIN (German) see: KL9550000
1,1-DIAETHOXY-AETHAN (German) see: AB2800000
6,7-DIAETHOXY-1-(3,4-DIAETHOXYBENZYL)ISOCHINOLIN (German) see: NW7524000
DIAETHYLACETAL (German) see: AB2800000
DIAETHYLAETHER (German) see: KI[illegible]75000
O,O-DIAETHYL-S-(2-AETHYLTHIO-AETHYL)-DITHIOPHOSPHAT (German) see: TD9275000
O,O-DIAETHYL-S-(AETHYLTHIO-METHYL)-DITHIOPHOSPHAT (German) see: TD9450000
DIAETHYLALLYLACETAMIDE (German) see: SB2145000
DIAETHYLAMIN (German) see: HZ8750000
DIAETHYLAMINOAETHANOL (German) see: KK5075000
1-DIAETHYLAMINO-AETHYLAMINO-4-METHYL-THIOXANTHONHYDROCHLORID (German) see: XO1605800
DIAETHYLAMINOAETHYL DIPHENYLCARBAMAT HYDROCHLORID (German) see: FA4375000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

N-DIAETHYLAMINOAETHYL-RESERPIN (German) see: ZF9380000
7-(beta-DIAETHYLAMINO-AETHYL)-THEOPHYLLIN-HYDROCHLORID (German) see: XH5095500
DIAETHYLANILIN (German) see: BX3400000
O,O-DIAETHYL-O-(4-BROM-2,5-DICHLOR)-PHENYL-MONOTHIOPHOSPHAT (German) see: TE7000000
DIAETHYLCARBONAT (German) see: FF9800000
O,O-DIAETHYL-O-(CHINOXALYL-(2))-MONOTHIOPHOSPHAT (German) see: TF6125000
O,O-DIAETHYL-O-(3-CHLOR-4-METHYL-CUMARIN-7-YL)-MONOTHIOPHOSPHAT (German) see: GM6300000
O,O-DIAETHYL-S-(6-CHLOR-2-OXO-BEN(b)-1,3-OXALIN-3-YL)-METHYL-DITHIOPHOSPHAT (German) see: TD5175000
O,O-DIAETHYL-S-((4-CHLOR-PHENYL-THIO)-METHYL)DITHIOPHOSPHAT (German) see: TD5250000
O,O-DIAETHYL-O-(alpha-CYANO-BENZYLIDENAMINO)-MONOTHIOPHOSPHAT (German) see: MD4740000
N-DIAETHYL CYSTEAMIN (German) see: KJ0525000
O,O-DIAETHYL-O-2,4-DICHLOR-PHENYL-MONOTHIOPHOSPHAT (German) see: TF0350000
O,O-DIAETHYL-S((2,5-DICHLOR-PHENYL-THIO)-METHYL)-DITHIOPHOSPHAT (German) see: TD5775000
1,2-DIAETHYLHYDRAZIN (German) see: MV2275000
1,1-DIAETHYL-3-HYDROXY-PYRROLIDIN-BROMID-BENZYLAT-ESTER (German) see: UY4330000
O,O-DIAETHYL-O-(2-ISOPROPYL-4-METHYL-PYRIMIDIN-6-YL)-MONOTHIOPHOSPHAT (German) see: TF3325000
O,O-DIAETHYL-S-1-METHYL)AETHYL)-CARBAMOYL-METHYL-MONOTHIOPHOSPHAT (German) see: TE8750000
O,O-DIAETHYL-O-(4-METHYL-COUMARIN-7-YL)-MONOTHIOPHOSPHAT (German) see: GN7525000
O,O-DIAETHYL-S-(3-METHYL-2,4-DIOXO-5-OXA-3-AZA-HEPTYL)-DITHIOPHOSPHAT (German) see: FB3850000
O,O-DIAETHYL-O-4-METHYLSULFINYL-PHENYL-MONOTHIOPHOSPHAT (German) see: TF3850000
DIAETHYL-NICOTINAMID (German) see: QS4375000
O,O-DIAETHYL-O-(4-NITRO-PHENYL)-MONOTHIOPHOSPHAT (German) see: TF4550000
O,O'DIAETHYL-p-NITROPHENYLPHOSPHAT (German) see: TC2275000
DIAETHYLNITROSAMIN (German) see: IA3500000
O,O-DIAETHYL-S-((4-OXO-3H-1,2,3-BENZOTRIAZIN-3-YL)-METHYL)-DITHIOPHOSPHAT (German) see: TD8400000
O,O-DIAETHYL-N-PHTALIMIDO-THIOPHOSPHAT (German) see: TB2050000
DI-AETHYL-PROPANEDIOL (German) see: TY5250000
O,O-DIAETHYL-O-(PYRAZIN-2YL)-MONOTHIOPHOSPHAT (German) see: TF5775000
DIAETHYLSULFAT (German) see: WS7875000
O,O-DIAETHYL-S-(3-THIA-PENTYL)-DITHIOPHOSPHAT (German) see: TD9275000
O,O-DIAETHYL-O-3,5,6-TRICHLOR-2-PYRIDYLMONOTHIOPHOSPHAT (German) see: TF6300000
DIAFEN see: TM7810000
DIAFORM UR see: YU1610000
DIAFURON see: RQ3675000
DIAGINOL see: DG0888000
DIAGNORENOL see: PB2250000
DIAKARB see: AC8225000
DIAKOL DM see: YU1610000
DIAKOL F see: YU1610000
DIAKOL M see: YU1610000
DIAKON see: OZ5075000
DIAKON see: TR0400000
DIAKON LO 951 see: TR0400000
DIAKON MG see: TR0400000
DIAKON MG 101 see: TR0400000
DIAL see: AR7875000
DIAL see: CQ3325000
DIAL-A-GESIC see: AE4200000
DIAL (BARBITURATE) see: CQ3325000
DIALDEHYDE ETHYLVANILLIQUE (French) see: NT2003500
DIALDEHYDE VANILLIQUE (French) see: NT2005000
DIALICOR see: UH0350000
DIALIFOR see: TD5165000
DIALIFOS see: TD5165000
DIALKYL 79 PHTHALATE see: TI0585000
DIALKYLPHTHALATE C7-C9 see: TI0585000
DIALLAAT (Dutch) see: EZ8225000
DIALLAT (German) see: EZ8225000
DIALLATE see: EZ8225000
DIALLATE-CHLORIDAZON mixt. see: FD3702000
DIALLYL see: MM2000000
DIALLYL-ACETIC ACID see: SB2890000
DIALLYLAMINE see: UC6650000
DIALLYLAMINE (DOT) see: UC6650000

HJ4600000 DIALLYLAMINE, N-NITROSO-

UPDT.8401 CAS: 16338-97-9 MW: 126.18 MOLFM: C6-H10-N2-O
SYN: DIALLYLNITROSAMIN (German) * DIALLYLNITROSAMINE * N-NITROSODIALLYL AMINE

MUTATION DATA AND REFERENCES:

mma-sat 10 ug/plate	MUREAV 66,1,79
mma-esc 5 mmol/L	MUREAV 89,209,81
mma-omi 1 pph/48H-C	SOGEBZ 10,522,74
dni-mus-ipr 20 gm/kg	ARGEAR 51,605,81

TUMORIGENIC DATA AND REFERENCES:

2V02J60 scu-ham TDLo:500 mg/kg JNCIAM 59,1569,77

TOXICITY DATA AND REFERENCES:

orl-rat LD50:800 mg/kg	ZEKBAI 69,1C3,67
scu-ham LD50:1230 mg/kg	JNCIAM 59,1569,77

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-DIALLYLAMINO-3,5-DIMETHYLPHENYL N-METHYLCARBAMATE see: FB8400000
4-DIALLYL-AMINO-3,5-XYLYL N-METHYLCARBAMATE see: FB8400000
DIALLYLBARBITAL see: CQ3325000
DIALLYLBARBITURIC ACID see: CQ3325000
5,5-DIALLYLBARBITURIC ACID see: CQ3325000
1,1-DIALLYL-3-(1,4-BENZODIOXAN-2-YLMETHYL)-3-METHYLUREA see: YS7897000
1,1-DIALLYLBIGUANIDE MONOHYDROCHLORIDE see: DU1788400
2-(N,N-DIALLYLCARBAMYLMETHYL)AMINOMETHYL-1,4-BENZODIOXAN see: YS7897000
DIALLYLCHLOROACETAMIDE see: AB5250000
N,N-DIALLYLCHLOROACETAMIDE see: AB5250000
N,N-DIALLYL-alpha-CHLOROACETAMIDE see: AB5250000
N,N-DIALLYL-2-CHLOROACETAMIDE see: AB5250000
DIALLYLDIBROMOSTANNANE see: WH6881000
DIALLYL DIGLYCOL CARBONATE see: FG2080000
DIALLYLETHER see: KN7525000
DIALLYLETHER (DOT) see: KN7525000
DIALLYLHOMOPHTHALIMIDE see: NX0512000
4,4-DIALLYL-1,3(2H,4H)-ISOQUINOLINEDIONE see: NX0512000
DIALLYL MALEATE see: ON0700000
DIALLYL MONOSULFIDE see: BC4900000
DIALLYLNITROSAMIN (German) see: HJ4600000
DIALLYLNITROSAMINE see: HJ4600000
2-DIALLYLOXYMETHYL-4,5-DIALLOXY-1,3-DIOXOLANE see: JH7175000
2,6-DIALLYLPHENOL see: SK7350000
2,6-DIALLYLPHENYL 2,3-EPOXYPROPYL ETHER see: KN7700000
DIALLYL PHTHALATE see: CZ4200000
DIALLYL SELENIDE see: VS6840000
DIALLYL SULFIDE see: BC4900000
DIALLYL THIOETHER see: BC4900000
DIALLYLTIN DIBROMIDE see: WH6881000
DIALLYL TRISULFIDE see: BC6169000
DIALLYMAL see: CQ3325000
DIALUMINOUS BROWN BRS see: GL7375000
DIALUMINUM SULPHATE see: BD1700000
DIALUMINUM TRIOXIDE see: BD1200000
DIALUMINUM TRISULFATE see: BD1700000
DIALUX see: AT6978000
DIAMARIN see: XH5082000
DIAMAZO see: AB4230000
DIAMET see: AG2625000
DIAMFEN HYDROCHLORIDE see: FA4375000
DIAMIDAFOS see: TD2800000
DIAMIDE see: MU7175000
DIAMIDE see: AB8050000 ACETAMIDE, N,N-DIMETHYL-2,2 DIPHENYL-
DIAMIDFOS see: TD2800000
DIAMIDINE see: CV6500000
3,3'-DIAMIDINOCARBANILIDE DIISETHIONATE see: FE0200000
4,4'-DIAMIDINODIPHENOXYPENTANE DI(beta-HYDROXYETHANESULFONATE see: CV6500000
4,4'-DIAMIDINO-alpha,omega-DIPHENOXYPENTANE ISETHIONATE see: CV6500000
4,4'-DIAMIDINO-1,3-DIPHENOXYPROPANE DIHYDROCHLORIDE see: CV6580000
N,N'-DI(m-AMIDINOPHENYL)UREA DIESTHIONATE see: FE0200000
DIAMIDINO STILBENE see: WJ5250000
4,4'-DIAMIDINOSTILBENE see: WJ5250000
4,4'-DIAMIDINOSTILBENE DIHYDROCHLORIDE see: WJ5340000
3,3'-DIAMIDINOCARBANILIDE BIS(beta-HYDROXYETHANESULFONATE) see: FE0200000
DIAMINBLAU 3B see: QJ6475000
DIAMINE see: MU7175000
2,4-DIAMINEANISOLE see: BZ8580500
DIAMINEBLUE see: QJ6475000
DIAMINE BLUE 2B see: QJ6400000
DIAMINE BLUE 3B see: QJ6475000
DIAMINE BLUE BB see: QJ6400000
1,4-DIAMINE-N-BUTYL-2-BUTENE mixed with SODIUM NITRITE see: EM4350000
DIAMINE DARK GREEN B see: QJ6195050
DIAMINE DARK GREEN N see: QJ6195050
DIAMINE DEEP BLACK EC see: QJ6160000
cis-DIAMINEDICHLOROPALLADIUM (II) see: RT3575000
cis-DIAMINEDICHLOROPLATINUM see: TP2450000
DIAMINE DIRECT BLACK E see: QJ6160000
DIAMINE FAST YELLOW see: GD0197800
1,4-DIAMINE-N-METHYL-2-BUTENE mixed with SODIUM NITRITE see: EM4370000
DIAMINE PENICILLIN see: XH9425000
DIAMINE PURPURINE 4B see: QK1765000
DIAMINE SCARLET 3BA-CF see: QJ6476000
DIAMINE SKY BLUE CI see: QJ6420000
DIAMINE SKY BLUE FF see: QJ6440000
DIAMINE VIOLET N see: QK1420000
DIAMINIDE MALEATE see: UT1225000
2,8-DIAMINOACRIDINE (European) see: AR8670000
3,6-DIAMINOACRIDINE see: AR8670000
3,6-DIAMINOACRIDINE BISULPHATE see: AR9065000
3,6-DIAMINOACRIDINE mixture with 3,6-DIAMINO-10-METHYLACRIDINIUM CHLORIDE see: AR9660000
3,6-DIAMINOACRIDINE DIHYDROCHLORIDE see: AR8700000
3,6-DIAMINOACRIDINE HYDROCHLORIDE HEMIHYDRATE see: AR9063000
3,6-DIAMINOACRIDINE MONOHYDROCHLORIDE see: AR9064000
3,6-DIAMINOACRIDINE SULPHATE (1:1) see: AR9065000
2,8-DIAMINOACRIDINIUM see: AR8670000
3,6-DIAMINOACRIDINIUM see: AR8670000
3,6-DIAMINOACRIDINIUM CHLORIDE see: AR9064000
2,8-DIAMINOACRIDINIUM CHLORIDE HYDROCHLORIDE see: AR8700000
3,6-DIAMINOACRIDINIUM CHLORIDE HYDROCHLORIDE see: AR8700000
3,6-DIAMINOACRIDINIUM CHLORIDE HYDROCHLORIDE see: AR9064000
2,8-DIAMINOACRIDINIUM CHLORIDE MONOHYDROCHLORIDE see: AR9064000
3,6-DIAMINOACRIDINIUM MONOHYDROGEN SULPHATE see: AR9065000
2,8-DIAMINOACRIDINIUM SULPHATE see: AR9065000
1,2-DIAMINOAETHAN (German) see: KH8575000
6,9-DIAMINO-1-(6-AMINO-9H-PURIN-9-YL)-1,5,6,7,8,9-HEXADEOXYDECOFURANURONIC ACID see: HE3140000
3-alpha,17-beta-DIAMINOANDROST-5-ENE DIHYDROCHLORIDE see: BV8089710
2,4-DIAMINOANISOL see: BZ8580500
2,4-DIAMINOANISOLE see: BZ8580500
2,5-DIAMINOANISOLE see: ST2692000
2,4-DIAMINOANISOLE BASE see: BZ8580500
m-DIAMINOANISOLE 1,3-DIAMINO-4-METHOXYBENZENE see: BZ8580500
2,4-DIAMINOANISOLE SULFATE see: ST2705000
2,4-DIAMINOANISOLE SULPHATE see: ST2705000
2,4-DIAMINO-ANISOL SULPHATE see: ST2705000
3,7-DIAMINO-5-AZAANTHRACENE see: AR8670000
2,4-DIAMINOAZOBENZENE HYDROCHLORIDE see: ST3380000
m-DIAMINOBENZENE see: SS7700000
o-DIAMINOBENZENE see: SS7875000
p-DIAMINOBENZENE see: SS8050000
1,2-DIAMINOBENZENE see: SS7875000
1,3-DIAMINOBENZENE see: SS7700000
1,4-DIAMINOBENZENE see: SS8050000
m-DIAMINOBENZENE DIHYDROCHLORIDE see: SS9800000
p-DIAMINOBENZENE DIHYDROCHLORIDE see: ST0350000
1,3-DIAMINOBENZENE DIHYDROCHLORIDE see: SS9800000
1,4-DIAMINOBENZENE DIHYDROCHLORIDE see: ST0350000
3,3'-DIAMINOBENZIDENE see: DV8750000
3,3'-DIAMINOBENZIDINE TETRAHYDROCHLORIDE see: DV8753000
o,p'-DIAMINOBIPHENYL see: DV2100000
p,p'-DIAMINOBIPHENYL see: DC9625000
4,4'-DIAMINOBIPHENYL see: DC9625000
4,4'-DIAMINO-1,1'-BIPHENYL see: DC9625000
4,4'-DIAMINOBIPHENYL-3,3'-DICARBOXYLIC ACID see: DV3325000
4,4'-DIAMINO-3,3'-BIPHENYLDICARBOXYLIC ACID see: DV3325000
4,4'-DIAMINO-3,3'-BIPHENYLDIOL see: DV4900000
4,4'-DIAMINOBIPHENYLOXIDE see: BY7900000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

2,2'-DIAMINO-4,4'-BIS-THIAZOLE see: XJ3960000
2,4-DIAMINO-5-(p-BROMOPHENYL)-6-METHYLPYRIMIDINE see: UV8149200
1,3-DIAMINOBUTANE see: EJ6700000
1,4-DIAMINOBUTANE see: EJ6800000
1,4-DIAMINOBUTANE, N,N'-BIS(3-AMINOPROPYL)- see: EJ7175000
1,4-DIAMINOBUTANE DIHYDROCHLORIDE see: EJ7280000
2,4-DIAMINO-n-BUTOXYBENZENE DIHYDROCHLORIDE see: SS8700000 m-PHENYLENEDIAMINE, 4-BUTOXY-, DIHYDROCHLORIDE
N-(D-2,4-DIAMINOBUTYRYL)AMPHOTERICIN B METHYL ESTER see: BU2665000
N-(DL-2,4-DIAMINOBUTYRYL)AMPHOTERICIN B METHYL ESTER see: BU2665050
N-(L-2,4-DIAMINOBUTYRYL)AMPHOTERICIN B METHYL ESTER see: BU2665100
N-(D-2,4-DIAMINOBUTYRYL)AMPHOTERICIN B 2-PROPYNYL ESTER see: BU2665300
alpha,epsilon-DIAMINOCAPROIC ACID see: OL5540000
3,4-DIAMINOCHLOROBENZENE see: SS8850000
1,2-DIAMINO-4-CHLOROBENZENE see: SS8850000
3,4-DIAMINO-1-CHLOROBENZENE see: SS8850000
2,4-DIAMINO-5-(p-CHLOROBENZYL)-6-METHYLPYRIMIDINE see: UV8149600
2,4-DIAMINO-5-(p-CHLOROPHENOXY)-6-METHYLPYRIMIDINE see: UV8149800
2,4-DIAMINO-5-(p-CHLOROPHENOXY)PYRIMIDINE see: UV8149700
2,4-DIAMINO-5-p-CHLOROPHENYL-6-ETHYLPYRIMIDINE see: UV8140000
2,4-DIAMINO-5-(4-CHLOROPHENYL)-6-ETHYLPYRIMIDINE see: UV8140000
Di-(4-AMINO-3-CHLOROPHENYL)METHANE see: CY1050000
DIAMINOCILLINA see: XM9425000
Di-(4-AMINO-3-CLOROFENIL)METANO (Italian) see: CY1050000
1,4-DIAMINO-2,6-DICHLOROBENZENE see: SS9175000
4,4'-DIAMINO-3,3'-DICHLOROBIPHENYL see: DD0525000
4,4'-DIAMINO-3,3'-DICHLORODIPHENYL see: DD0525000
4,4'-DIAMINO-3,3'-DICHLORODIPHENYLMETHANE see: CY1050000
2,4-DIAMINO-5-(3,4-DICHLOROPHENYL)-6-METHYLPYRIMIDINE see: UV8180000
2,4-DIAMINO-5-(3',4'-DICHLOROPHENYL)-6-METHYLPYRIMIDINE see: UV8180090
4,4'-DIAMINO-2,2'-DICHLOROSTILBENE see: WJ5150000
4,4'-DIAMINO-3,3'-DICHLOROSTILBENE see: WJ5200000
2,2'-DIAMINODIETHYLAMINE see: IE1225000
beta,beta'-DIAMINODIETHYL DISULFIDE see: KR7175000
3,8-DIAMINO-5-(3-(DIETHYLMETHYLAMMONIO)PROPYL)-6-PHENYLPHENANTHRIDINIUM DIIODIDE see: SF7949600
DIAMINODIFENILSULFONA (Spanish) see: BY8925000
p,p'-DIAMINODIFENYLMETHAN (Czech) see: BY5425000
3,3'-DIAMINO-4,4'-DIHYDROXYARSENOBENZENE DIHYDROCHLORIDE see: SJ7175000
3,3'-DIAMINO-4,4'-DIHYDROXYARSENOBENZENEMETHYLENESULFOXYLATE SODIUM see: WS3680000
2,4-DIAMINO-6-DIMETHOXYPHOSPHINOTHIONYLTHIOMETHYL-s-TRIAZINE see: TD5600000
2,4-DIAMINO-5-((2,6-DIMETHOXY-3-PYRIDYL)METHYL)-PYRIMIDINE see: UV8192000
2,4-DIAMINO-5-((2,6-DIMETHOXY-4-PYRIDYL)METHYL)-PYRIMIDINE see: UV8192100
2,4-DIAMINO-5-((5,6-DIMETHOXY-3-PYRIDYL)METHYL)-PYRIMIDINE see: UV8192600
4,4'-DIAMINO-3,3'-DIMETHYLBIPHENYL see: DD1225000
4,4'-DIAMINO-3,3'-DIMETHYLDIPHENYL see: DD1225000
1,2'-DIAMINO-1',2-DINAPHTHYL see: DU3095000
2,2'-DIAMINO-1,1'-DINAPHTHYL see: DU3090000
p-DIAMINODIPHENYL see: DC9625000
2,4'-DIAMINODIPHENYL see: DV2100000
4,4'-DIAMINODIPHENYL see: DC9625000
DIAMINODIPHENYL ETHER see: BY7900000
p,p'-DIAMINODIPHENYL ETHER see: BY7900000
4,4-DIAMINODIPHENYL ETHER see: BY7900000
4,4'-DIAMINODIPHENYLMETHAN (German) see: BY5425000
DIAMINODIPHENYLMETHANE see: BY5425000
p,p'-DIAMINODIPHENYLMETHANE see: BY5425000
4,4'-DIAMINODIPHENYLMETHANE see: BY5425000
4,4-DIAMINODIPHENYL METHANE (DDT) see: BY5425000
4,4'-DIAMINODIPHENYL OXIDE see: BY7900000
p,p'-DIAMINODIPHENYL SULFIDE see: BY9625000
4,4'-DIAMINODIPHENYL SULFIDE see: BY9625000
p,p'-DIAMINODIPHENYL SULFONE see: BY8925000
4,4'-DIAMINODIPHENYL SULFONE see: BY8925000
DIAMINO-4,4'-DIPHENYL SULFONE see: BY8925000
p,p'-DIAMINODIPHENYLSULFONE-N,N'-DI(DEXTROSE SODIUM SULFONATE) see: LZB10[illegible]
p,p'-DIAMINODIPHENYL SULFOXIDE see: BY8440000
4,4'-DIAMINODIPHENYL SULFOXIDE see: BY8440000
p,p'-DIAMINODIPHENYL SULPHIDE see: BY9625000
4,4-DIAMINODIPHENYL SULPHIDE see: BY9625000
4,4'-DIAMINODIPHENYLSULPHIDE see: BY9625000
p,p-DIAMINODIPHENYL SULPHONE see: BY8925000
4,4'-DIAMINODIPHENYL SULPHONE see: BY8925000
DIAMINO-4,4'-DIPHENYL SULPHONE see: BY8925000
p,p'-DIAMINODIPHENYL SULPHOXIDE see: BY8440000
4,4'-DIAMINO-3-DIPHENYLYL HYDROGEN SULFATE see: WS6180000
4,4'-DIAMINO-3-DIPHENYLYL HYDROGEN SULFATE see: DV8525000
4,4'-DIAMINO-3-DIPHENYLYL HYDROGEN SULPHATE see: WS6180000
3,3-DIAMINODIPROPYLAMINE see: JL9450000
3,3'-DIAMINODIPROPYLAMINE see: JL9450000
3,3'-DIAMINODIPROPYLAMINE mixed with SODIUM NITRITE see: JL9625200
DIAMINODITOLYL see: DD1225000
1,2-DIAMINO-ETHAAN (Dutch) see: KH8575000
1,2-DIAMINOETHANE see: KH8575000
1,2-DIAMINO-ETHANO (Italian) see: KH8575000
2,5-DIAMINO-7-ETHOXYACRIDINE LACTATE see: OD4725000
2,4-DIAMINOETHOXYBENZENE DIHYDROCHLORIDE see: ST2480000 m-PHENYLENEDIAMINE, 4-ETHOXY-, DIHYDROCHLORIDE
2,7-DIAMINO-10-ETHYL-9-PHENYLPHENANTHRIDINIUM BROMIDE see: SF7950000
2,7-DIAMINOFLUORENE see: LL6980000
1,6-DIAMINOHEXANE see: MO1180000
2,6-DIAMINOHEXANOIC ACID see: OL5540000
N-(D-3,6-DIAMINOHEXANOYL)AMPHOTERICIN B METHYL ESTER see: BU2665600
N-(L-3,6-DIAMINOHEXANOYL)AMPHOTERICIN B METHYL ESTER see: BU2665700
4,6-DIAMINO-2-HYDROXY-1,3-CYCLOHEXANE 3,6'DIAMINO-3,6'-DIDEOXYDI-alpha-D-GLUCOSIDE see: WK1962000
2,4-DIAMINOISOPROPOXYBENZENE DIHYDROCHLORIDE see: ST2630000 m-PHENYLENEDIAMINE, 4-ISOPROPOXY-, DIHYDROCHLORIDE
1,8-DIAMINO-p-MENTHANE see: OS8925000
2,4-DIAMINO-1-METHOXYBENZENE see: ST2705000
2,4-DIAMINO-1-METHOXYBENZENE see: BZ8580500
1,3-DIAMINO-4-METHOXYBENZENE SULPHATE see: ST2705000
2,4-DIAMINO-1-METHOXYBENZENE SULPHATE see: ST2705000
2,4-DIAMINO-5-((6-METHOXY-3-PYRIDYL)METHYL)-PYRIMIDINE see: UV8197200
2,8-DIAMINO-10-METHYLACRIDINIUM CHLORIDE see: AR9625000
3,6-DIAMINO-10-METHYLACRIDINIUM CHLORIDE see: AR9625000
3,6-DIAMINO-10-METHYLACRIDINIUM CHLORIDE mixture with 3,6-ACRIDINEDIAMINE see: AR9660000
2,8-DIAMINO-10-METHYLACRIDINIUM CHLORIDE mixture with 2,8-DIAMINOACRIDINE see: AR9660000
1,3-DIAMINO-4-METHYLBENZENE see: XS9625000
2,4-DIAMINO-1-METHYLBENZENE see: XS9625000
2,4-DIAMINO-5-METHYL-6-(BUT-2-YL)PYRIDO(2,3-d)PYRIMIDINE see: UV1153970
2,4-DIAMINO-5-METHYL-6-sec-BUTYLPYRIDO(2,3-d)PYRIMIDINE see: UV1153970
2,4-DIAMINOMETHYLCYCLOHEXANE see: GU8925000
2,4-DIAMINO-1-METHYLCYCLOHEXANE see: GU8925000
3,3'-DIAMINO-N-METHYLDIPROPYLAMINE DIPHENYLDISULFONATE see: JL9625100
3-(((2-((DIAMINOMETHYLENE)AMINO)-4-THIAZOLYL)METHYL)THIO)-N(sup 2)-SULFAMOYLPROPIONAMIDINE see: UA2300000
N(sup 1)-(DIAMINOMETHYLENE)SULFANILAMIDE see: WO8575000
2,4-DIAMINO-6-(4-METHYL-1-PIPERAZINYL)PYRIMIDINE 3-OXIDE DIHYDROCHLORIDE HYDRATE see: UV8199500
2,4-DIAMINO-8-METHYL-1,3,9-TRIAZAPHENOTHIAZINE see: UV1173200
2,4-DIAMINO-6-(4-METILPIPERAZINIL)PIRIMIDINA 3-OSSIDO (Italian) see: UV8198500
DIAMINON see: MJ5950000
1,5-DIAMINONAPHTHALENE see: QJ3400000
DIAMINON HYDROCHLORIDE see: MJ6130000
DIAMINON HYDROCHLORIDE see: MJ6300000
1,2-DIAMINO-4-NITROBENZENE see: ST2975000
1,4-DIAMINO-2-NITROBENZENE see: ST3000000
2,4-DIAMINO-5-(p-NITROBENZYL)-6-METHYLPYRIMIDINE see: UV8197500
6,8-DIAMINO-2-(5-NITRO-2-FURYL)-s-TRIAZINE see: XY6895000
6,9-DIAMINO-2-OXYETHYLACRIDINE LACTATE see: OD4725000
2,4-DIAMINOPHENOL HYDROCHLORIDE see: SK7600000
2,4-DIAMINOPHENOXYETHANOL see: KK3549000
2-(2',4'-DIAMINOPHENOXY)ETHANOL see: KK3549000
2,6-DIAMINO-3-PHENYLAZOPYRIDINE see: US7700000
2,6-DIAMINO-3-PHENYLAZOPYRIDINE HYDROCHLORIDE see: US7875000
2,6-DIAMINO-3-(PHENYLAZO)PYRIDINE MONOHYDROCHLORIDE see: US7875000
4,4'-DIAMINOPHENYL ETHER see: BY7900000
2,7-DIAMINO-9-PHENYL-10-ETHYLPHENANTHRIDINIUM BROMIDE see: SF7950000
DI-(4-AMINOPHENYL)METHANE see: BY5425000
4,4'-DIAMINOPHENYL OXIDE see: BY7900000
2,7-DIAMINO-9-PHENYLPHENANTHRIDINE ETHOBROMIDE see: SF7950000
3,7-DIAMINO-5-PHENYLPHENAZINIUM CHLORIDE see: SG1630000
Di(p-AMINOPHENYL) SULFIDE see: BY9625000
Di(p-AMINOPHENYL) SULFONE see: BY8925000
Di(4-AMINOPHENYL)SULFONE see: BY8925000
Di(p-AMINOPHENYL) SULFOXIDE see: BY8440000
4,4'-DIAMINOPHENYL SULFOXIDE see: BY8440000
Di(p-AMINOPHENYL)SULPHIDE see: BY9625000
Di(p-AMINOPHENYL)SULPHONE see: BY8925000
Di(4-AMINOPHENYL)SULPHONE see: BY8925000
2,4-DIAMINO 5-PHENYLTHIAZOL CHLORHYDRATE (French) see: XJ4025000
2,4-DIAMINO-5-PHENYLTHIAZOLE see: XJ4020000
2,4-DIAMINO-5-PHENYLTHIAZOLE HYDROCHLORIDE see: XJ4025000
N-(DIAMINOPHOSPHINYL)-4-FLUOROBENZAMIDE see: CV3458100
N,N'-DIAMINOPIPERAZINE SALT of p-CHLOROCINNAMIC ACID see: GD8550000
2,4-DIAMINO-6-(1-PIPERAZINYL)PYRIMIDINE 3-OXIDE DIHYDROCHLORIDE HYDRATE see: UV8199700
2,4-DIAMINO-6-PIPERIDINILPIRIMIDINA-3-OSSIDO (Italian) see: UV8200000
2,4-DIAMINO-6-PIPERIDINOPYRIMIDINE 3-OXIDE see: UV8200000
1,2-DIAMINOPROPANE see: TX6650000
1,3-DIAMINOPROPANE see: TX6825000
(1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID compd. with ADIPIC ACID see: SZ7563000
(1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID compd. with GLUTARIC ACID see: SZ7563050
(1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID compd. with MALONIC ACID see: SZ7563100
(1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID compd. with SUCCINIC ACID see: SZ7563150
Di-beta-AMINOPROPIONITRILE FUMARATE see: UG0700000
N-(DL-2,4-DIAMINOPROPIONYL)AMPHOTERICIN B METHYL ESTER see: BU2667000
2,4-DIAMINO-n-PROPOXYBENZENE DIHYDROCHLORIDE see: ST3560000 m-PHENYLENEDIAMINE, 4-PROPOXY-, DIHYDROCHLORIDE
Di(3-AMINOPROPYL) ETHER of DIETHYLENE GLYCOL see: ID6475000
DIAMINOPROPYLTETRAMETHYLENEDIAMINE see: EJ7175000
N-(p-(2-(2,4-DIAMINO-6-PTERIDINYL)ETHYL)BENZOYL)GLUTAMIC ACID SODIUM SALT see: MA1030000
N-(4-((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)BENZOYL)-L-GLUTAMIC ACID see: MA1050000
N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)BENZOYL)GLYCYL)-L-ASPARTIC ACID see: CI9380000
N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)BENZOYL)GLYCYL)-L-GLUTAMIC ACID see: MA1050200
N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)-2-METHOXYBENZOYL)-L-GLUTAMIC ACID see: MA1100000
N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)-3-METHOXYBENZOYL)-L-GLUTAMIC ACID see: MA1120000
N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-L-(-)-GLUTAMIC ACID see: MA1225000
4-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZAMIDO)BUTYRIC ACID see: ES8980100
N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-beta-ALANINE see: AY4730000
N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-DL-ALANINE see: AY4730100
N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-D,L-ALANYL)-L-GLUTAMIC ACID see: MA1227000
N-(p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)ASPARTIC ACID see: CI9400000
DL-2-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZAMIDO)BUTYRIC ACID see: ES8980000
N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-DL-GLUTAMIC ACID see: MA1224100
N-(p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-D-GLUTAMIC ACID see: MA1224200
N-(p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-DL-GLUTAMIC ACID see: MA1224600
p-((2,4-DIAMINO-7-PTERIDINYL)METHYL-N(sup 10)-METHYL)AMINOBENZOYL D-GLUTAMIC ACID see: MA1224200
N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-L-GLUTAMIC ACID see: MA1224000
N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)GLYCINE see: MB9290000
N-(p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)GLYCINE see: MB9292000
N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)GLYCYL)-L-ASPARTIC ACID see: CI9400100

BEST COPY AVAILABLE

N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)GLYCYL)-L-GLUTAMIC ACID see: MA1234000
N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL-L-LEUCINE see: OH3160000
N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-L-LEUCYL)-L-GLUTAMIC ACID see: MA1236000
N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-3-PHENYL-L-ALANINE see: AY4730150
N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)SARCOSYL)-L-GLUTAMIC ACID see: MA1239000
N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)VALINE see: YV9392200
N-(p-((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)SARCOSINE see: VQ2980000
N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)-2-METHOXYBENZOYL)-L-ASPARTIC ACID see: CI9400500
N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)-3-METHOXYBENZOYL)-L-ASPARTIC ACID see: CI9400510
N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)-2-METHOXYBENZOYL)-L-GLUTAMIC ACID see: MA1245000
N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)-3-METHOXYBENZOYL)-L-GLUTAMIC ACID see: MA1246000
N-(p-((2,4-DIAMINO-6-PTERIDYL)METHYL)METHYLAMINO)BENZOYL)GLUTAMIC ACID see: MA1225000
1,6-DIAMINOPYRENE see: UR2451000
N-(p-(2-(2,4-DIAMINOPYRIDO(3,2-d)PYRIMIDIN-6-YL)ETHYL)BENZOYL)GLUTAMIC ACID see: MA1246100
N-(p-(2-(2,4-DIAMINOPYRIDO(3,2-d)PYRIMIDIN-6-YLMETHYL)PROPYL)BENZOYL)GLUTAMIC ACID HYDRATE see: MA1246400
2,4-DIAMINO-5-(2-PYRIDYLMETHYL)-PYRIMIDINE see: UV8202200
2,4-DIAMINO-5-(3-PYRIDYLMETHYL)-PYRIMIDINE see: UV8202300
2,4-DIAMINO-5-(4-PYRIDYLMETHYL)-PYRIMIDINE see: UV8202400
2,4-DIAMINO-5-(3-PYRIDYLMETHYL)PYRIMIDINE N(sup 5)-OXIDE see: UV8203300
2,4-DIAMINO-5-(4-PYRIDYLMETHYL)PYRIMIDINE N(sup 5)-OXIDE see: UV8203400
2,4-DIAMINO-5-(3'-PYRIDYLMETHYL)-PYRIMIDIN-1'-OXID (German) see: UV8203300
2,4-DIAMINO-5-(4'-PYRIDYLMETHYL)-PYRIMIDIN-1'-OXID (German) see: UV8203400
2,4-DIAMINO-6-(4-(2-PYRIDYL)-1-PIPERAZINYL)PYRIMIDINE 3-OXIDE DIHYDROCHLORIDE see: UV8205000
2-(2,4-DIAMINOPYRIMIDIN-6-YLAMINO)-6-METHYL-1H-PYRIDINIUM-3-THIOLATE see: UT8650000
3-(2,6-DIAMINO-4-PYRIMIDINYL)-3-AZASPIRO(5.5)UNDECANE 1'-OXIDE DIHYDROCHLORIDE see: CM0227000
8-(2,6-DIAMINO-4-PYRIMIDINYL)-1,4-DIOXA-8-AZASPIRO(4.5)DECANE 1'-OXIDE see: JG6717200
9-(2,6-DIAMINO-4-PYRIMIDINYL)-1,5-DIOXA-9-AZASPIRO(5.5)UNDECANE 1'-OXIDE see: JG6719000
8-(2,6-DIAMINO-4-PYRIMIDINYL)-1,4-DITHIA-8-AZASPIRO(4.5)DECANE 1'-OXIDE HYDROCHLORIDE see: JO4924000
8-(2,6-DIAMINO-4-PYRIMIDINYL)-2-METHYL-1,4-DIOXA-8-AZASPIRO(4.5)DECANE 1'-OXIDE see: JG6717100
5-((2,4-DIAMINO-5-PYRIMIDINYL)METHYL)-3-METHOXY-2(1H)-PYRIDINONE see: UU7785700
5-((2,4-DIAMINO-5-PYRIMIDINYL)METHYL)-3-METHOXY-2(1H)-PYRIDON (German) see: UU7785700
1-(2,6-DIAMINO-4-PYRIMIDINYL)-4-PHENYL-4-PIPERIDINOL 1'-OXIDE HYDROCHLORIDE see: TN6973300
1-(2,6-DIAMINO-4-PYRIMIDINYL)-4-PIPERIDINECARBOXAMIDE 1'-OXIDE HYDROCHLORIDE see: TM5989000
DIAMINOPYRITAMIN see: UV8140000
L-N-(p-(((2,4-DIAMINO-6-QUINAZOLINYL)METHYL)AMINO)BENZOYL)GLUTAMIC ACID see: MA1247500
2,4-DIAMINOSOLE SULPHATE see: ST2705000
4,4'-DIAMINOSTILBENE see: WJ5100000
4,4'-DIAMINO-2,2'-STILBENEDISULFONIC ACID see: WJ6603000
2,4-DIAMINOTOLUEN (Czech) see: XS9625000
DIAMINOTOLUENE see: XS9445000
DIAMINOTOLUENE see: XS9625000
2,4-DIAMINOTOLUENE see: XS9625000
2,4-DIAMINO-1-TOLUENE see: XS9625000
2,5-DIAMINOTOLUENE see: XS9700000
2,6-DIAMINOTOLUENE see: XS9750000
2,4-DIAMINOTOLUENE DIHYDROCHLORIDE see: XT0175000
2,6-DIAMINOTOLUENE DIHYDROCHLORIDE see: XT0370000
2,4-DIAMINOTOLUOL see: XS9625000
(4-((4,6-DIAMINO-m-TOLYL)IMINO)-2,5-CYCLOHEXADIEN-1-YLIDENE)DIMETHYLAMMONIUM CHLORIDE see: BP6385000
S-(4,6-DIAMINO-1,3,5-TRIAZIN-2-YL)-METHYL)-O,O-DIMETHYL-DITHIOFOSFAAT (Dutch) see: TD5600000
S-(4,6-DIAMINO-1,3,5-TRIAZIN-2-YL)-METHYL)-O,O-DIMETHYL-DITHIOPHOSPHAT (German) see: TD5600000
S-((4,6-DIAMINO-s-TRIAZIN-2-YL)METHYL)-O,O-DIMETHYL PHOSPHORODITHIOATE see: TD5600000
S-(4,6-DIAMINO-1,3,5-TRIAZIN-2-YLmeTHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TD5600000
4,6-DIAMINO-1,3,5-TRIAZIN-2-YLMETHYL O,O-DIMETHYL PHOSPHORODITHIOATE see: TD5600000
S-(4,6-DIAMINO-1,3,5-TRIAZIN-2-YLMETHYL) DIMETHYL PHOSPHOROTHIOLOTHIONATE see: TD5600000
S-((4,6-DIAMINO-1,3,5-TRIAZIN-2-YL)METHYL)PHOSPHORODITHIOIC ACID O,O-DIMETHYL ESTER see: TD5600000
3,10-DIAMINOTRICYCLO(5.2.1.0(sup 2,6))DECANE see: PB9625000
2,4-DIAMINO-5-(3,4,5-TRIMETHOXYBENZYL)PYRIMIDINE see: UV8225000
DIAMMINE(1,1-CYCLOBUTANEDICARBOXYLATO)PLATINUM (II) see: TP2300000
DIAMMINEDICHLOROPLATINUM see: TP2450000
cis-DIAMMINEDICHLOROPLATINUM see: TP2450000
trans-DIAMMINEDICHLOROPLATINUM (II) see: TP2455000
cis-DIAMMINEMALONATOPLATINUM(II) see: TP2485500
DIAMMONIUM ARSENATE see: CG0850000
DIAMMONIUM CARBONATE see: BP1925000
DIAMMONIUM CHROMATE see: GB2880000
DIAMMONIUM CITRATE see: GE7573000
DIAMMONIUM HEXACHLOROPLATINATE(2-) see: BP5425000
DIAMMONIUM HEXAFLUOROSILICATE see: GQ9450000
DIAMMONIUM HEXAFLUOROSILICATE(2-) see: GQ9450000
DIAMMONIUM HYDROGEN ARSENATE see: CG0850000
DIAMMONIUM HYDROGEN CITRATE see: GE7573000
DIAMMONIUM HYDROGEN PHOSPHATE see: TB9375000

HL3555700 DIAMMONIUM MALEATE, pyrolyzate
UPDT.8308

MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate ABCHA6 46,1067,82

DIAMMONIUM MOLYBDATE see: QA4900000
DIAMMONIUM MONOHYDROGEN ARSENATE see: CG0850000

HL3557500 DIAMMONIUM OXALATE, pyrolyzate
UPDT.8308

MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate ABCHA6 46,1067,82

DIAMMONIUM PHOSPHATE see: TB9375000
DIAMMONIUM SULFATE see: BS4500000
DIAMMONIUM SULFIDE see: BS4920000
DIAMMONIUM SULFITE see: WT3505000
DIAMMONIUM SULPHATE see: BS4500000
DIAMMONIUM TARTRATE see: WW8050000

HL3590100 DIAMMONIUM TARTRATE, pyrolyzate
UPDT.8308

MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate ABCHA6 46,1067,82

DIAMMONIUM TELLURATE see: WY2415000
DIAMMONIUM THIOSULFATE see: XN6465000
DIAMMONIUM TRISULFIDE see: BS4027000
DIAMOND BLUE BLACK AE see: QK2195000
DIAMOND BLUE BLACK EB see: QK2195000
DIAMOND BLUE BLACK EBS-CF see: QK2195000
DIAMOND CHROME YELLOW 3R see: VO5310000
DIAMOND FUCHSINE see: CX9855000
DIAMOND GREEN G see: BP6825000
DIAMOND SHAMROCK 40 see: KV0350000
DIAMOND SHAMROCK 71 see: KV0350000
DIAMOND SHAMROCK 744 see: AK0950000
DIAMOND SHAMROCK 7401 see: AK0950000
DIAMOND SHAMROCK 7602 see: KV0350000
DIAMOND SHAMROCK DS-15647 see: EL8200000
DIAMORFINA see: QC8050000
DIAMORPHINE see: QC8050000
DIAMOX see: AC8225000
4-DIAMOX see: AC8225000
DIAMPROMID see: UE5296000 PROPIONANILIDE, N-(2-(METHYLPHENETHYLAMINO)PROPYL)-
DIAMPROMIDE see: UE5296000 PROPIONANILIDE, N-(2-(METHYLPHENETHYLAMINO)PROPYL)-
DIAMPRON see: FE0200000
DIAMTHAZOLE DIHYDROCHLROIDE see: DL3580000
DIAMYL AMINE see: RZ9100000
DI-n-AMYLAMINE see: RZ9100000
DI-n-AMYLAMINE (DOT) see: RZ9100000
DI-n-AMYL ANILIDOPHOSPHATE see: TB3964400
2,5-DI-t-AMYLHYDROQUINONE see: MX6300000
DIAMYLNITROSAMIN (German) see: JJ1575000
DI-n-AMYLNITROSAMINE see: JJ1575000
DI-tert-AMYLPHENOL see: SL3500000
DIAMYL PHTHALATE see: TI1930000
DIAMZOL DIHYDROCHLORIDE see: DL3580000
DIAN see: SL6300000
DIANABOL see: BV8000000
DIANABOL see: BV8400000
DIANABOLE see: BV8000000
DIANALINEMETHANE see: BY5425000
DIANAT (Russian) see: DG7525000
DIANATE see: DG7525000
DIANCINA see: XH8450000
DIANDRON see: BV8396000
DIANDRONE see: BV8396000

HL5521000 DIANEMYCIN
UPDT.8309 CAS: 35865-33-9 MW: 867.25 MOLFM: C47-H78-O14

TOXICITY DATA AND REFERENCES:
orl-mus LD50:150 mg/kg 37ASAA 3,47,78
ipr-mus LD50:9 mg/kg 37ASAA 3,47,78
scu-mus LD50:40 mg/kg 85ERAY 1,805,78

HL5522000 DIANEMYCIN, 10-DEMETHYL-19-DE((TETRAHYDRO-5-METHOXY-6-METHYL-2H-PYRAN-2-YL)OXY)-12-METHYL- 11-O-(TETRAHYDRO-5-METHOXY-6-METHYL-2H-PYRAN-2-YL)-, (11R(2R,5S,6R),12R)
UPDT.8310 CAS: 51257-84-2 MW: 851.25 MOLFM: C47-H78-O13
SYN: ANTIBIOTIC A 130A * ANTIBIOTIC Ro 21 6150 * LENOREMYCIN

TOXICITY DATA AND REFERENCES:
orl-mus LD50:55 mg/kg 37ASAA 3,47,78
ipr-mus LD50:2520 ug/kg 85GDA2 5,500,81
scu-mus LD50:34300 ug/kg 85GDA2 5,500,81

1,2-5,6-DIANHYDRO-DULCITOL see: LW5320000
1,2:3,4-DIANHYDROERYTHRITOL see: EJ8750000
DIANHYDROGALACTITOL see: LW5320000
1,2-3,6-DIANHYDROGALACTITOL see: LW5300000
1,2:5,6-DIANHYDROGALACTITOL see: LW5320000
D-1,4:3,6-DIANHYDROGLUCITOL see: LZ4380000
DIANHYDROMANNITOL see: OP2450000
1:2:5:6-DIANHYDRO-D-MANNITOL see: OP2450000
1,4:3,6-DIANHYDROSORBITOL see: LZ4380000
1,2:3,4-DIANHYDRO-DL-THREITOL see: EJ8400000
DIANIL see: AB6551000
DIANILBLAU see: QJ6475000
DIANILBLAU H3G see: QJ6475000
DIANIL BLUE see: QJ6475000
DIANIL BLUE H3G see: QJ6475000
o,p'-DIANILINE see: DV2100000
p,p'-DIANILINE see: DC9625000
DIANILINOMERCURY see: QW2050000
DIANILINOMETHANE see: BY5425000
o-DIANISIDIN (Czech, German) see: DD0875000
o-DIANISIDINA (Italian) see: DD0875000
DIANISIDINE see: DD0875000
o-DIANISIDINE see: DD0875000
O,O'-DIANISIDINE see: DD0875000
3,3'-DIANISIDINE see: DD0875000
DIANISIDINE DIISOCYANATE see: NQ8800000
alpha,gamma-DI-p-ANISYL-beta-(ETHOXYPHENYL)GUANIDINE HYDROCHLORIDE see: MF2000000
3,4-DIANISYL-3-HEXENE see: WJ5400000
DIANISYL-MONOPHENETHYLGUANIDINE HYDROCHLORIDE see: MF2000000
DI(p-ANISYL)TELLURIUM DIRESORCYLATE see: WY2629000
DIANISYLTRICHLORETHANE see: KJ3675000
2,2-DI-p-ANISYL-1,1,1-TRICHLOROETHANE see: KJ3675000
DIANON see: TF3325000
DI-1,1'-ANTHRACHINONYLAMIN (Czech) see: CB7780000
DIANTHRAQUINONYLAMINE see: CB7780000
1,1'-DIANTHRAQUINONYLAMINE see: CB7780000
1,1-DIANTHRIMID (Czech) see: CB7780000
DIANTHRIMIDE see: CB7780000
1,1'-DIANTHRIMIDE see: CB7780000

HL6495500 DIANTHUS SUPERBUS L., extract
DEF A Southeast Asian carnation belonging to the family CARYOPHYLLACEAE (IZKPAK 2,366,69)
UPDT.8408

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T24 scu-mus TDLo:40 gm/kg (1-5D preg) IZKPAK 2,366,39
1T26 scu-mus TDLo:40 gm/kg (4-8D preg) IZKPAK 2,366,69
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DIANTIMONY PENTAOXIDE see: CC6300000
DIANTIMONY PENTOXIDE see: CC6300000
DIANTIMONY TRIOXIDE see: CC5650000
DIANTIMONY TRISULFATE see: CC8225000
DIAPADRIN see: TC3850000
DIAPAM see: DF1575000
DIAPAMIDE see: CV2450000
DIAPARENE see: BO7380000
DIAPARENE CHLORIDE see: BO7380000
DIAPHEN see: AF9000000
DIAPHENE see: CV3459020
DIAPHENYLSULFON see: BY8925000
DIAPHENYLSULFONE see: BY8925000
DIAPHENYLSULPHON see: BY8925000
DIAPHENYLSULPHONE see: BY8925000
DIAPHORM see: QC8050000
DIAPHTAMINE BLACK V see: QJ6160000
DIAPHTAMINE BLUE BB see: QJ6400000
DIAPHTAMINE BLUE BS see: QJ6430000
DIAPHTAMINE BLUE TN see: QJ6475000
DIAPHTAMINE FAST SCARLET see: QJ6476000
DIAPHTAMINE LIGHT BROWN BRLL see: GL7375000
DIAPHTAMINE PURE BLUE see: QJ6420000
DIAPHTAMINE PURPURINE see: QK1765000
DIAPHTAMINE RUBINE see: QK1296000
DIAPHTAMINE VIOLET N see: QK1420000
DIAPHTHAMINE FAST BLACK FE see: QJ6195050
DIAPHYLLINE see: XH5600000
DIAPID see: YW8659000

HL7380000 8,8'-DIAPO-psi,psi-CAROTENEDIOIC ACID, BIS(6-O-beta-D-GLUCOPYRANOSYL-beta-D-GLUCOPYRANOSYL) ESTER
UPDT:8406 CAS: 42553-65-1 MW: 977.08 MOLFM: C44-H64-O24
SYN: CROCIN * alpha-CROCIN
TOXICITY DATA AND REFERENCES:
3CO8F05F17 scu-mus LDLo:10 gm/kg JJPAAZ 4,69,54
DIAPP see: BO7175000
cis-DIAQUA(ETHYLENEDIAMINE)PLATINUM(2+) see: TP2487000
DIAQUAETHYLENEDIAMINE-PLATINUM(II) see: TP2486000
cis-DIAQUA(N,N,N',N'-TETRAMETHYLETHYLENEDIAMMINE)PLATINUM(II) see: TP2487500
DIAQUONE see: CB6650000
DIAREX 600 see: WL6478000
DIAREX 43G see: WL6475000
DIAREX HF 55 see: WL6475000
DIAREX HF 77 see: WL6475000
DIAREX HF 77 see: WL3675000
DIAREX HF 55-247 see: WL6475000
DIAREX HS 77 see: WL6475000
DIAREX HT 88 see: WL6475000
DIAREX HT 90 see: WL6475000
DIAREX HT 190 see: WL6475000
DIAREX HT 500 see: WL6475000
DIAREX HT 88A see: WL6475000
DIAREX YH 476 see: WL6475000
DIARLIDAN see: DH2528300
DIARSEN see: PA2275000
4,4'-(1,2-DIARSENEDIYL)BIS(2-AMINOPHENOL) DIHYDROCHLORIDE see: SJ7175000
(1,2-DIARSENEDIYLBIS((6-HYDROXY-3,1-PHENYLENE)IMINO))BISMETHANESULFONIC ACID DISODIUM SALT see: PB1400000
DIARSENIC PENTOXIDE see: CG2275000
DIARSENIC TRIOXIDE see: CG3325000
DIARSENIC TRISULFIDE see: CG2638000
DIARSENIC TRISULPHIDE see: CG2638000
DIARYLAMILIDE YELLOW see: AK4580000
DIARYLIDE YELLOW AAA see: AK4580000
DIASAN see: AE3850000
DIASETIELMORFIEN see: QC8050000
DIASETILMORFIN see: QC8050000
DIASETYLMORFIIMI see: QC8050000
DIASONE HYDROCHLORIDE see: MJ6300000
DIASTATIN see: RF5950000
DIASULFA see: WO9030000
DIASULFYL see: WO9030000
DIATER see: YS8925000
DIATERR-FOS see: TF3325000
DIATHESIN see: DO6430000
DIATO BLUE BASE B see: DD0875000
DIATO BLUE SALT B see: DD0875000
DIATOL see: FF9800000
DIATOMACEOUS EARTH see: VV7309000
DIATOMITE see: VV7309000
DIATRAST see: UR8750000
DIATRIN HYDROCHLORIDE see: KV4725000
DIATRIZOATE MEGLUMINE see: LZ4315000
DIATRIZOATE METHYLGLUCAMINE see: LZ4315000
DIATRIZOATE de SODIUM et de METHYLGLUCAMINE (French) see: LZ4325000
DIATRIZOATE SODIUM SALT see: DG6125000
DIA-TUSS see: QD1575000

HM0200000 3,7-DIAZAADAMANTAN-9-ONE, 1,5-BIS(3,4-DIMETHOXYPHENYL)-
UPDT:8408 CAS: 69352-65-4 MW: 424.54 MOLFM: C24-H28-N2-O5
SYN: 1,5-DI(3,4-DIMETHOXYPHENYL)-3,7-DIAZAADAMANTAN-9-ONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg JMPCAS 5,1293,62
ivn-rbt LD50:20 mg/kg JMPCAS 5,1293,62

HM0225000 3,7-DIAZAADAMANTAN-9-ONE, 1,5-BIS(m-METHOXYPHENYL)-
UPDT:8408 CAS: 69352-66-5 MW: 364.48 MOLFM: C22-H24-N2-O3
SYN: 1,5-BIS(m-METHOXYPHENYL)-3,7-DIAZAADMANTAN-9-ONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:300 mg/kg JMPCAS 5,1293,62

HM0250000 3,7-DIAZAADAMANTAN-9-ONE, 1,5-BIS(o-METHOXYPHENYL)-
UPDT:8408 CAS: 69352-67-6 MW: 364.48 MOLFM: C22-H24-N2-O3
SYN: 1,5-BIS(o-METHOXYPHENYL)-3,7-DIAZAADAMANTAN-9-ONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:20 mg/kg JMPCAS 5,1293,62
ivn-rbt LD50:66 mg/kg JMPCAS 5,1293,62

HM0275000 3,7-DIAZAADAMANTAN-9-ONE, 1,5-BIS(p-METHOXYPHENYL)-
UPDT:8408 CAS: 69352-68-7 MW: 364.48 MOLFM: C22-H24-N2-O3
SYN: 1,5-BIS(p-METHOXYPHENYL)-3,7-DIAZAADAMANTAN-9-ONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:35 mg/kg JMPCAS 5,1293,62
ivn-rbt LD50:10 mg/kg JMPCAS 5,1293,62

HM0300000 3,7-DIAZAADAMANTAN-9-ONE, 1,5-BIS(m-TOLYL)-
UPDT:8408 CAS: 51808-79-8 MW: 332.48 MOLFM: C22-H24-N2-O
SYN: 1,5-BIS(m-TOLYL)-3,7-DIAZAADMANTAN-9-ONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg JMPCAS 5,1293,62

HM0330000 3,7-DIAZAADAMANTAN-9-ONE, 1,5-DIPHENYL-
UPDT:8408 CAS: 19066-35-4 MW: 304.42 MOLFM: C20-H20-N2-O
SYN: 1,5-DIPHENYL-3,7-DIAZAADMANTAN-9-ONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:67 mg/kg JMPCAS 5,1293,62
ivn-rbt LD50:450 mg/kg JMPCAS 5,1293,62
6,12-DIAZAANTHANTHRENE see: AR9820000
6,12-DIAZAANTHANTHRENE SULFATE see: AR9830000
6,12-DIAZAANTHANTHRENE SULPHATE see: AR9830000

HM0353200 3,7-DIAZABICYCLO(3.3.1)NONANE, 7-METHYL-3-(3,4,5-TRIMETHOXYBENZOYL)-, FUMARATE
UPDT:8310 MW: 450.54 MOLFM: C18-H26-N2-O4 C4-H4-O4
SYN: 7-METHYL-3-(3,4,5-TRIMETHOXYBENZOYL)BISPIDINE FUMARATE * 7-METHYL-3-(3,4,5-TRIMETHOXYBENZOYL)-3,7-DIAZABICYCLO(3.3.1)NONANE FUMARATE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:241 mg/kg JMCMAR 22,1142,79
10'-(beta-(1,4-DIAZABICYCLO(4.3.0)NONANYL-4)-PROPIONYL)-2'-CHLOROPHENTHIAZIN DICHLORIDE see: SN7700000

HM0354200 1,4-DIAZABICYCLO(2,2,2)OCTANE
UPDT:8312 CAS: 280-57-9 MW: 112.20 MOLFM: C6-H12-N2
SYN: BICYCLO(2,2,2)-1,4-DIAZAOCTANE * DABCO * DABCO CRYSTAL * DABCO EG * DABCO 33LV * DABCO R-8020 * DABCO S-25 * D 33LV * 1,4-ETHYLENEPIPERAZINE * TRIETHYLENEDIAMINE * TRIETHYLENEDIAMINE (DOT) * UN 267S (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 2500 ug open MLD TXAPA9 4,522,62
eye-rbt 25 mg MOD TXAPA9 4,522,62
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1870 mg/kg TXAPA9 4,522,62
3F07F18F23 orl-rbt LD50:1100 mg/kg GISAAA 45(5),67,80
3F07F18F23 orl-gpg LD50:2250 mg/kg GISAAA 45(5),67,80
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL-CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
DIAZACHEL (OBS.) see: DE9450000
20,25-DIAZACHOLESTEROL DIHYDROCHLORIDE see: BV8225000
DIAZACOSTEROL HYDROCHLORIDE see: BV8225000
1,3-DIAZA-2,4-CYCLOPENTADIENE see: NI3325000

HM1160000 3,12-DIAZA-6,9-DIAZONIADISPIRO(5.2.5.2)HEXADECANE, 3,12-BIS(3-CHLORO-2-HYDROXYPROPYL)-, DICHLORIDE
UPDT:8403 CAS: 23476-83-7 MW: 411.48 MOLFM: C18-H36-Cl2-N4-O2
SYN: PROSPIDIUM CHLORIDE * PROSPIDIN * PROSPIDINE
MUTATION DATA AND REFERENCES:
mma-sat 1 gm/plate PCJOAU 12,35,78
oms-bcs 500 ug/L CHTHBK 26,309,80
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1200 mg/kg PCJOAU 16,880,82
7,14-DIAZADIBENZ(a,h)ANTHRACENE see: HP6475000
1,12-DIAZADIBENZO(a,i)PYRENE see: QL0600000
4,11-DIAZADIBENZO(a,h)PYRENE see: QL0610000
1,2-DIAZA-3,4:9,10-DIBENZPYRENE see: CA8925000
4,9-DIAZADODECANEDIALDEHYDE DIHYDROCHLORIDE see: UE2600000
4,14-DIAZAHEPTADECANEDIALDEHYDE DIHYDROCHLORIDE see: UE2287500
DIAZAJET see: TF3325000
DIAZAMINE FUCHSINE O see: QK1296000
DIAZAMINE PURPURINE 4B see: QK1765000
1,3-DIAZAINDENE see: DD5425000
2,3-DIAZAINDOLE see: DM1225000
DIAZALD see: XT5950000
DIAZALE see: XT5950000
DIAZAN see: AE3850000
3,6-DIAZAOCTANE-1,8-DIAMINE see: YE6650000
3,6-DIAZAOCTANEDIOIC ACID, 3,6-BIS(CARBOXYMETHYL)- see: AH4025000
4,5-DIAZAPHENANTHRENE see: SF8300000

HM2508000 1,3-DIAZASPIRO(4.5)DECANE-2,4-DIONE, 3-(2-(BIS(2-(CHLOROETHYL)AMINO)ETHYL)-
UPDT:8412 CAS: 56605-16-4 MW: 336.30 MOLFM: C14-H23-Cl2-N3-O2
SYN: 3-(2-(BIS(2-(CHLOROETHYL)AMINO)ETHYL)-1,3-DIAZASPIRO(4.5)DECANE-2,4-DIONE * 3-(2-(BIS(2-(CHLOROETHYL)AMINO)ETHYL)-5,5-PENTAMETHYLENEHYDANTOIN * NSC-172112 * SHM * SPIROHYDANTOIN MUSTARD
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate BCPCA6 32,523,83
bfa-mus/sat 60 mg/kg BCPCA6 32,523,83
TOXICITY DATA AND REFERENCES:
3D18F17U01 ivn-rat LD50:9100 ug/kg NTIS** PB83-149518
2R21U01 ivn-mus LD50:48280 ug/kg NTIS** PB83-148395
3F07F15U26 ivn-dog LDLo:3750 ug/kg NTIS** PB83-149518

2,8-DIAZASPIRO(4.5)DECANE-1,3-DIONE, 2-ETHYL-8-METHYL-, (E)-2-BUTENEDIOATE (1:1) (9CI) see: HM2610000

HM2610000 2,8-DIAZASPIRO(4.5)DECANE-1,3-DIONE, 2-ETHYL-8-METHYL-, FUMARATE
UPDT:8310 CAS: 51382-46-8 MW: 326.39 MOLFM: C11-H18-N2-O2 C4-H4-O4
SYN: 2,8-DIAZASPIRO(4.5)DECANE-1,3-DIONE 2-ETHYL-8-METHYL- (E)-2-BUTENEDIOATE (1:1) (9CI) * 2-ETHYL-8-METHYL-2,8-DIAZASPIRO(4.5)DECANE-1,3-DIONE FUMARATE * RS 86
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:200 mg/kg AIPTAK 192,88,71

HM2865000 7,9-DIAZASPIRO(4.5)DECANE-6,8,10-TRIONE, 2,4-DIMETHYL-1-ETHYL-8-THIOXO-, SODIUM SALT
UPDT:8403 CAS: 16509-45-8 MW: 276.36 MOLFM: C12-H17-N2-O2-S Na
SYN: 1-ETHYL-2,4-DIMETHYL-8-THIO-7,9-DIAZASPIRO(4.5)DECANE-6,8,10-TRIONE * 1-ETHYL-2,4-DIMETHYL-8-THIOXO-7,9-DIAZASPIRO(4.5)DECANE-6,10-DIONE MONOSODIUM SALT * SPIRO-(2'-ETHYL-3',5'-DIMETHYLCYCLOPENTANE)-5,5-PYRIMIDINE-2-THIO-4,6-DIONE * SPIROTHAL * SPIRO-(2-ETHYL-3,5-DIMETHYLCYCLOPENTANE)-1,5'-THIOBARBITURIC ACID * SPIROTHIOBARBITAL * SPIROTHIOBARBITAL MONOSODIUM SALT * SPIROTHIOBARBITURATE 03620
TOXICITY DATA AND REFERENCES:
* ivn-dog LD50:63 mg/kg MEIEDD 10,1254,83
DIAZATOL see: TF3325000
DIAZENE, BIS(3,4-DICHLOROPHENYL)- (9CI) see: CN2980000

HM2968300 DIAZENECARBONITRILE, (1-PHENYL-3-PYRAZOLYL)-, 2-OXIDE
UPDT:8303 MW: 213.22 MOLFM: C10-H7-N5-O

BEST COPY AVAILABLE

SYN: DIIMIDE, 1-CYANO-2-(1-PHENYL-3-PYRAZOLYL)-, 2-OXIDE * (1-PHENYL-3-PYRAZOLYL)DIAZENECARBONITRILE 2-OXIDE * (PHENYL-1 PYRAZOLYL-3)DIAZENECARBONITRILE OXYDE-2 (French)

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:73 mg/kg EJMCA5 17,482,82

HM2968310 DIAZENECARBONITRILE, (1-PHENYL-4-PYRAZOLYL)-, 2-OXIDE

UPDT:8303 MW: 213.22 MOLFM: C10-H7-N5-O

SYN: DIIMIDE, 1-CYANO-2-(1-PHENYL-4-PYRAZOLYL)-, 2-OXIDE * (1-PHENYL-4-PYRAZOLYL)DIAZENECARBONITRILE 2-OXIDE * (PHENYL-1 PYRAZOLYL-4)DIAZENECARBONITRILE OXYDE-2 (French)

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:105 mg/kg EJMCA5 17,482,82

DIAZENEDICARBOXAMIDE see: LQ1040000

HM2970000 DIAZENE, DIETHYL-, 1-OXIDE

UPDT:8412 CAS: 16301-26-1 MW: 102.16 MOLFM: C4-H10-N2-O

SYN: AZOXYAETHAN (German) * AZOXYETHANE * ETHANE, AZOXY-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T41T42 ivn-rat TDLo:25 mg/kg (10D preg) XENOBH 3,271,73

1T35 ivn-rat TDLo:45 mg/kg (10D preg) IARCCD 4,45,73

TUMORIGENIC DATA AND REFERENCES:

3V03T65A60 scu-rat TDLo:30 mg/kg (11D preg) NATWAY 60,555,73

2V03A60 scu-rat TDLo:240 mg/kg/24W-I XENOBH 3,271,73

3V01T65A60 ivn-rat TDLo:50 mg/kg (15D preg) IARCCD 4,45,73

3V03T65A60 ivn-rat TD :50 mg/kg (15D preg) XENOBH 3,271,73

3V03K60V10 scu-rat TD :250 mg/kg ZEKBAI 67,31,65

TOXICITY DATA AND REFERENCES:

scu-rat LD50:240 mg/kg XENOBH 3,271,73

* ivn-rat LD50:210 mg/kg IARCCD 4,45,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIAZENE, DIPHENYL-, 1-OXIDE (9CI) see: CO4025000

DIAZENE, (2-METHOXY-4-NITROPHENYL)PHENYL- (9CI) see: CN2704900

DIAZENE, (3-METHOXY-4-NITROPHENYL)PHENYL- see: CN2705000

DIAZENESULFONIC ACID, (4-(DIMETHYLAMINO)PHENYL)-, SODIUM SALT see: CZ1750000

HM3150000 DIAZENIUM, N-ETHOXY-N'-MORPHOLINO-, FLUOROBORATE

UPDT:8401 CAS: 22960-71-0 MW: 232.02 MOLFM: C6-H13-N2-O2 B-F4

SYN: N-ETHOXY-MORPHOLINODIAZENIUM FLUOROBORATE

TUMORIGENIC DATA AND REFERENCES:

2V01V10 scu-rat TDLo:559 mg/kg ZKKOBW 80,17,73

TOXICITY DATA AND REFERENCES:

scu-rat LD50:639 mg/kg ZKKOBW 80,17,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIAZEPAM see: DF1575000

DIAZEPAN see: DF1575000

HM3656000 1H-1,3-DIAZEPINE-4-CARBOXYLIC ACID, HEXAHYDRO-2-IMINO-, ETHYL ESTER, MONOHYDROCHLORIDE, (-)-

UPDT:8311 CAS: 25525-87-5 MW: 221.72 MOLFM: C8-H15-N3-O2 Cl-H

SYN: (-)-HEXAHYDRO-2-IMINO-1H-1,3-DIAZEPINE-4-CARBOXYLIC ACID ETHYL ESTER HYDROCHLORIDE * 2-IMINO-4-ETHYLOXYCARBONYL-1,3-DIAZACYCLOHEPTANE HYDROCHLORIDE * OG 30

TOXICITY DATA AND REFERENCES:

2C08E06 ipr-mus LD50:58 mg/kg AIPTAK 189,408,71

3F05F12J24 ivn-mus LD50:10250 ug/kg EJPHAZ 11,75,70

HM3803000 1H-1,4-DIAZEPINE-1,4-DIETHANOL, alpha,alpha'-BIS(CHLOROMETHYL)-

UPDT:8403 MW: 285.25 MOLFM: C11-H22-Cl2-N2-O2

SYN: N(sup 1),N(sup 4)-BIS-(gamma-CHLORO-beta-HYDROXYPROPYL)HEXAHYDRO-1,4-DIAZEPINE * alpha,alpha'-BIS(CHLOROMETHYL)-1H-1,4-DIAZEPINE-1,4-DIETHANOL

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:65 mg/kg PCJOAU 16,880,82

HM3930000 1H-1,4-DIAZEPINE, HEXAHYDRO-1-(p-CHLORO-alpha-PHENYLBENZYL)-4-METHYL-

UPDT:8410 CAS: 848-53-3 MW: 314.89 MOLFM: C19-H23-Cl-N2

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:98 mg/kg YKKZAJ 92,339,72

HM3950000 1H-1,4-DIAZEPINE, HEXAHYDRO-1,4-DINITROSO-

UPDT:8405 CAS: 55557-00-1 MW: 158.19 MOLFM: C5-H10-N4-O2

SYN: DINITROSOHOMOPIPERAZINE

MUTATION DATA AND REFERENCES:

mma-sat 1 ug/plate MUREAV 51,319,78

mma-sat 1 ug/plate MUREAV 51,319,78

mma-esc 16700 umol/L CNREA8 35,4099,76

TUMORIGENIC DATA AND REFERENCES:

3V01K60L60 orl-rat TDLo:65 mg/kg/2Y-I EESADV 6,513,82

2V01K60 orl-rat TD :105 mg/kg/30W-I EESADV 6,513,82

3V03D09K60 orl-rat TD :1530 mg/kg/31W-I CNREA8 35,1270,75

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HM4090500 1H-1,4-DIAZEPIN-7(6H)-ONE, 2,3-DIHYDRO-5-METHYL-6-(((5-METHYL-1,2,3,4,5,6-HEXAHYDRO-2,6- METHANOBENZAZOCIN-2-YL)METHYL)SULFONYL)-, MONOHYDROCHLORIDE

UPDT:8401 MW: 426.02 MOLFM: C20-H27-N3-O3-S Cl-H

TOXICITY DATA AND REFERENCES:

3F13F17F25 ipr-mus LD50:400 mg/kg INJPD2 12,253,80

DIAZETARD see: DF1575000

DIAZETOXYSKIRPENOL (German) see: YD0112000

DIAZETYLMORPHINE see: QC8050000

DIAZETYLNIVALENOL (German) see: YD0165500

DIAZIDE see: TF3325000

1,4-DIAZIDOBENZENE see: CZ1610000

p-DIAZIDOBENZENE (DOT) see: CZ1610000

1,2-DIAZIDOETHANE see: KH8800000

1,2-DIAZIDOETHANE (DOT) see: KH8800000

DIAZIDO ETHIDIUM see: SF7962000

3,8-DIAZIDO-5-ETHYL-6-PHENYLPHENANTHRIDINIUM BROMIDE see: SF7962000

1,3-DIAZIDO-2,4,6-TRINITROBENZENE see: CZ1620000

DIAZIL see: DD2480000

DIAZIL see: WO9275000

DIAZINE BLACK E see: QJ6160000

DIAZINE BLUE 2B see: QJ6400000

DIAZINE BLUE 3B see: QJ6475000

DIAZINE DARK GREEN BO see: QJ6195050

DIAZINE DARK GREEN P see: QJ6195050

DIAZINE DIRECT BLACK E see: QJ6160000

DIAZINE DIRECT BLACK G see: QJ6160000

DIAZINE FAST BROWN RSL see: GL7375000

DIAZINE RED 4B see: QK1765000

DIAZINE SKY BLUE FF see: QJ6430000

DIAZINE VIOLET N see: QK1420000

DIAZINE YELLOW R see: GD0197800

DIAZINON see: TF3325000

DIAZINON (DOT) see: TF3325000

DIAZINONE see: TF3325000

DIAZINON mixed with METHOXYCHLOR see: KH5900000

3,6-DIAZIRIDNYL-2,5-BIS(CARBOETHOXYAMINO)-1,4-BENZOQUINONE see: GU4808000

DIAZIRINE see: PA7000000

2,5-DIAZIRINO-3,6-DIPROPOXY-p-BENZOQUINONE see: DK3327000

DIAZITOL see: TF3325000

DIAZO see: DM2600000

DI-AZO see: US7875000

L-DIAZOACETATE (ESTER) SERINE see: VT9625000

DIAZOACETATE (ESTER) L-SERINE see: VT9625000

DIAZOACETIC ACID, ETHYL ESTER see: AG5775000

DIAZOACETIC ESTER see: AG5775000

N-DIAZOACETILGLICINA-AMIDE (Italian) see: AB4900000

N-DIAZOACETILGLICINA-IDRAZIDE (Italian) see: MB9450000

DIAZOACETYLGLYCINAMIDE see: AB4900000

N-(DIAZOACETYL)GLYCINAMIDE see: AB4900000

DIAZOACETYLGLYCINE AMIDE see: AB4900000

N-DIAZOACETYLGLYCINE AMIDE see: AB4900000

DIAZOACETYLGLYCINE HYDRAZIDE see: MB9450000

N-(DIAZOACETYL)GLYCINE HYDRAZINE see: MB9450000

N-DIAZOACETYL GLYCYLHYDRAZIDE see: MB9450000

O-DIAZOACETYL-L-SERINE see: VT9625000

DIAZOAMINOBENZEN (Czech) see: XY2625000

DIAZOAMINOBENZENE see: XY2625000

p-DIAZOAMINOBENZENE see: XY2625000

DIAZOAMINOBENZOL (German) see: XY2625000

1,1'-DIAZOAMINONAPHTHALENE (DOT) see: XY2500000

DIAZOAMINOTETRAZOLE (DOT) see: XF7740000

DIAZOBEN see: DB6327000

DIAZOBENZENE see: CN1400000

DIAZOBLEU see: QJ6440000

DIAZOCARD CHRYSOIDINE G see: ST3380000

2-DIAZO-4,6-DINITROBENZENE-1-OXIDE see: DM2600000

DIAZODINITROPHENOL (DOT) see: DM2600000

DIAZODINITROPHENOL, dry (DOT) see: DM2600000

DIAZODINITROPHENOL, containing, by weight, at least 40% water (DOT) see: DM2600000

DIAZODIPHENYLMETHANE (DOT) see: PA7200000

DIAZOESSIGSAEURE-AETHYLESTER (German) see: AG5775000

p-DIAZO ETHYL HYDROXYETHYLANILINE, ZINC CHLORIDE see: KK9240000

DIAZO FAST BLUE B see: DD0875000

DIAZO FAST ORANGE GR see: BY6650000

DIAZO FAST ORANGE R see: BY6825000

DIAZO FAST RED AL see: CB5075000

DIAZO FAST RED GG see: BY7000000

DIAZO FAST RED 3GL see: BX1575000

DIAZO FAST RED TR see: XU5250000

DIAZO FAST RED TRA see: XU5000000

DIAZO FAST RED TRA see: XU5250000

DIAZO FAST SCARLET G see: XU8225000

5-DIAZOIMIDAZOLE-4-CARBOXAMIDE see: NI3938000

5-DIAZOIMIDAZOLE-4-CARBOXAMIDE HYDROCHLORIDE see: NI3940000

DIAZOIMIDE see: MW2800000

DIAZOL see: TF3325000

DIAZOL BLACK 2V see: QJ6160000

DIAZOL BLUE 2B see: QJ6400000

DIAZOL BLUE 3B see: QJ6475000

DIAZOL-C see: NI3910000

1,2-DIAZOLE see: UQ4900000

1,3-DIAZOLE see: NI3325000

HM7701000 DIAZOLE BLACK K

UPDT:8408

MUTATION DATA AND REFERENCES:

sln-dmg-orl 10 mg SOGEBZ 4,1466,68

HM7702000 DIAZOLE BLUE

UPDT:8408

MUTATION DATA AND REFERENCES:

sln-dmg-orl 5 mg SOGEBZ 4,1466,68

DIAZOL FAST YELLOW A see: GD0197800

DIAZOL GREEN BLACK N see: QJ6195050

DIAZOL LIGHT BROWN BRN see: GL7375000

DIAZOLONE see: WP1925000

DIAZOL PURE BLUE 4B see: QJ6420000

DIAZOL PURE BLUE 6B see: QJ6430000

DIAZOL PURE BLUE BF see: QJ6440000

DIAZOL PURPURINE 4B see: QK1765000

DIAZOL SCARLET 3B see: QJ6476000

DIAZOL VIOLET N see: QK1420000

DIAZOMETHANE see: PA7000000

DIAZO NERO MICROSETILE G see: BX5020000

DIAZO-OXO-NORLEUCINE see: RC6340000

6-DIAZO-5-OXONORLEUCINE see: RC6340000

6-DIAZO-5-OXO-L-NORLEUCINE see: RC6340000

1,3-DIAZOPROPANE (DOT) see: TX3699000

DIAZOSSIDO (Italian) see: DK8185000

DIAZOTIZING SALTS see: RA1225000

DIBASIC AMMONIUM CITRATE see: GE7573000

DIAZOURACIL see: YQ9630000

DIAZOXIDE see: DK8185000

DIAZYL see: WP1925000

DIAZYL see: WO9275000

DIBA see: AV1480000

DIBAM see: FD3500000

DIBAM A see: FD3500000

DI-BAPN FUMARATE see: UG0700000

DIBAR see: YT1450000

DIBASIC AMMONIUM ARSENATE see: CG0850000

DIBASIC AMMONIUM PHOSPHATE see: TB9375000

DIBASIC LEAD ACETATE see: AI5250000

DIBASIC LEAD ARSENATE see: CG0980000

DIBASIC LEAD CARBONATE see: OF9275000

DIBASIC LEAD METAPHOSPHATE see: OG2880000

DIBASIC LEAD PHOSPHITE see: OG2860000

DIBASIC SODIUM ARSENATE see: CG0900000

DIBASIC SODIUM PHOSPHATE see: WC4500000

DIBASIC ZINC STEARATE see: ZH5200000

DIBASOL see: DD6206000

DIBAZOL see: DD6206000

BEST COPY AVAILABLE

DIBAZOLE see: DD6206000
DIBEKACIN see: WK1985000
DIBENAMINE see: HQ6650000
DIBENAMINE see: HQ6825000
DIBENAMINE HYDROCHLORIDE see: HQ6825000
DIBENCIL see: XH9425000
DIBENCYLLIN see: XH9425000
DIBENDRIN see: KR6825000
DIBENYLIN see: DP3500000
DIBENYLIN see: DP3750000
DIBENYLINE see: DP3500000
DIBENYLINE see: DP3750000

HM9799000 DIBENZ(a,e)ACEANTHRYLENE
UPDT:8408 CAS: 5385-75-1 MW: 302.38 MOLFM: C24-H14
SYN: DIBENZO(a,e)FLUORANTHENE * 2,3,5,6-DIBENZOFLUORANTHENE
MUTATION DATA AND REFERENCES:
dnd-sal:spr 3750 ng — CNREA8 38,3499,78
oms-sal:spr 3750 ng — CNREA8 38,3499,78
dns-mus:emb 1 umol/L — CRNGDP 5,379,84
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 32,321,83

HM9800000 DIBENZ(a,j)ACEANTHRYLENE
UPDT:8401 CAS: 203-20-3 MW: 302.38 MOLFM: C24-H14
SYN: 15,16-BENZDEHYDROCHOLANTHRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:800 mg/kg/9W-I — AJCAA7 28,334,36
2V03J60 ivn-mus TDLo:20 mg/kg — JNCIAM 1,225,40
TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:10 mg/kg — JNCIAM 1,225,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN0175000 13H-DIBENZ(bc,j)ACEANTHRYLENE
UPDT:8401 CAS: 201-42-3 MW: 290.37 MOLFM: C23-H14
SYN: 13H-ACENAPHTHO(1,8-ab)PHENANTHRENE * 1',9-METHYLENE-1,2:5,6-DIBENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:400 mg/kg — AJCAA7 28,334,36
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN0350000 4H-DIBENZ(fg,j)ACEANTHRYLENE, 5,5a,6,7-TETRAHYDRO-
UPDT:8401 CAS: 317-85-1 MW: 294.41 MOLFM: C23-H18
SYN: ANG-STERANTHRENE * ANG-STERANTHREN (German)
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1120 mg/kg/35W-I — ZEKBAI 62,217,57
2V03V10 scu-mus TDLo:40 mg/kg — ZEKBAI 62,217,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DIBENZACEPIN see: HQ4025000
DIBENZ(a,d)ACRIDINE see: HN0875000
DIBENZ(a,f)ACRIDINE see: HN1050000

HN0875000 DIBENZ(a,h)ACRIDINE
UPDT:8405 CAS: 226-36-8 MW: 279.35 MOLFM: C21-H13-N
SYN: 7-AZADIBENZ(a,h)ANTHRACENE * DB(a,h)AC * DIBENZ(a,d)ACRIDINE * 1,2,5,6-DIBENZACRIDINE * 1,2,5,6-DIBENZOACRIDINE * 1,2,5,6-DINAPHTHACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V01J60V10 imp-rat TDLo:5 mg/kg — CALEDQ 20,97,83
3V03K60R60 orl-mus TDLo:13 gm/kg/63W-I — PRLBA4 129,439,40
3V03R60V10 skn-mus TDLo:540 mg/kg/45W-I — ACRSAJ 4,315,56
2V03V10 scu-mus TDLo:430 mg/kg/24W-I — PRLBA4 123,343,37
2V03J60 ivn-mus TDLo:10 mg/kg — JNCIAM 1,225,40
3V03R60V10 skn-mus TD :790 mg/kg/33W-I — PRLBA4 117,318,35
2V03V10 scu-mus TD :1600 mg/kg/24W-I — PRLBA4 129,439,40
3V03J60V10 imp-rat TD :1500 ug/kg — CALEDQ 20,97,83
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 3,247,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 32,277,83
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN1050000 DIBENZ(a,j)ACRIDINE
UPDT:8405 CAS: 224-42-0 MW: 279.35 MOLFM: C21-H13-N
SYN: 7-AZADIBENZ(a,j)ANTHRACENE * DB(a,j)AC * DIBENZ(a,f)ACRIDINE * 1,2,7,8-DIBENZACRIDINE * 3,4,5,6-DIBENZACRIDINE * DIBENZO(a,j)ACRIDINE * 3,4,6,7-DINAPHTHACRIDINE
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate — PNASA6 72,5135,75
dnd-esc 10 umol/L — PNCCA2 5,39,65
pic-esc 50 mg/L — CNREA8 41,532,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:2520 mg/kg (21D pre) — DABSAQ 29,4777,69
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:590 mg/kg/25W-I — BAFEAG 42,186,55
3V03J60V10 scu-mus TDLo:40 mg/kg — JNCIAM 1,225,40
3V03R60V10 skn-mus TD :700 mg/kg/29W-I — PRLBA4 117,318,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 3,254,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 32,283,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN1225000 DIBENZ(c,h)ACRIDINE
UPDT:8401 CAS: 224-53-3 MW: 279.35 MOLFM: C21-H13-N
SYN: 14-AZADIBENZ(a,j)ANTHRACENE * 1,2,7,8-DIBENZACRIDINE (French) * 3,4:5,6-DIBENZACRIDINE
MUTATION DATA AND REFERENCES:
mma-sat 4 ug/plate — BJCAAI 37,873,78
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:2040 mg/kg/85W-I — PRLBA4 129,439,40
2V03V10 scu-mus TDLo:4400 mg/kg/65W-I — PRLBA4 129,439,40
3V03R60V10 skn-mus TD :300 mg/kg/25W-I — ACRSAJ 4,315,56
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,2,5,6-DIBENZACRIDINE see: HN0875000
1,2,7,8-DIBENZACRIDINE see: HN1050000
1,2,7,8-DIBENZACRIDINE (French) see: HN1225000
3,4,5,6-DIBENZACRIDINE see: HN1050000
3,4:5,6-DIBENZACRIDINE see: HN1225000

HN1775000 DIBENZ(a,h)ACRIDINE, 14-BUTYL-
UPDT:8401 CAS: 10457-38-6 MW: 335.47 MOLFM: C25-H21-N
SYN: 10-n-BUTYL-1,2,5,6-DIBENZACRIDINE (French) * 14-n-BUTYL DIBENZ(a,h)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:60 mg/kg/9W-I — BAFEAG 42,186,55
2V03V10 scu-mus TD :60 mg/kg/9W-I — ACRSAJ 4,315,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN1850000 DIBENZ(a,j)ACRIDINE, 14-(p-(DIMETHYLAMINO)STYRYL)-
UPDT:8401 CAS: 63918-82-1 MW: 424.57 MOLFM: C31-H24-N2
SYN: p-DIMETHYLAMINOBENZYLIDENE-3,4,5,6-DIBENZ-9-METHYLACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03J60P61 scu-mus TDLo:200 mg/kg — VOONAW 1,52,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN1865000 DIBENZ(a,h)ACRIDINE, 1-ETHYL-
UPDT:8401 CAS: 63021-33-0 MW: 307.41 MOLFM: C23-H17-N
SYN: 1'-ETHYL-1,2,5,6-DIBENZACRIDINE (French)
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:780 mg/kg/26W-I — BAFEAG 42,186,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN1870000 DIBENZ(a,j)ACRIDINE, 1-ETHYL-
UPDT:8401 CAS: 63021-35-2 MW: 307.41 MOLFM: C23-H17-N
SYN: 1'-ETHYL-3,4,5,6-DIBENZACRIDINE (French) * 1-ETHYL-DIBENZ(a,j)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:384 mg/kg/32W-I — ACRSAJ 4,315,56
3V03R60V10 skn-mus TD :780 mg/kg/32W-I — BAFEAG 42,186,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN1872000 DIBENZ(a,h)ACRIDINE, 8-ETHYL-
UPDT:8401 CAS: 73927-60-3 MW: 307.41 MOLFM: C23-H17-N
SYN: 1''-ETHYLDIBENZ(a,h)ACRIDINE * 8-ETHYL DIBENZ(a,h)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03J16J04 skn-mus TDLo:312 mg/kg/26W-I — ACRSAJ 4,315,56
2V03V10 scu-mus TDLo:27 mg/kg/26W-I — ACRSAJ 4,315,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN1875000 DIBENZ(a,j)ACRIDINE, 14-ISOPROPYL-
UPDT:8401 CAS: 10457-59-7 MW: 321.44 MOLFM: C24-H19-N
SYN: 10-ISOPROPYL-3,4,5,6-DIBENZACRIDINE (French) * 14-ISOPROPYLDIBENZ(a,j)ACRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:636 mg/kg/53W-I — ACRSAJ 4,315,56
3V03R60V10 skn-mus TD :1280 mg/kg/53W-I — BAFEAG 42,186,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN1925000 DIBENZ(a,j)ACRIDINE, METHOSULFATE
UPDT:8401 CAS: 63918-83-2 MW: 405.49 MOLFM: C21-H13-N C2-H6-O4-S
SYN: 3,4:5,6-DIBENZACRIDINE METHOSULFATE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:3750 mg/kg/56W-I — PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
3,4:5,6-DIBENZACRIDINE METHOSULFATE see: HN1925000

HN1999000 DIBENZ(a,h)ACRIDINE, 14-METHYL-
UPDT:8303 MW: 293.38 MOLFM: C22-H15-N
SYN: 14-METHYLDIBENZ(a,h)ACRIDINE * 10-METHYL-1,2:5,6-DIBENZACRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:48 mg/kg/4W-I — COREAF 251,1322,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN2020000 DIBENZ(c,h)ACRIDINE, 7-METHYL-
UPDT:8401 CAS: 59652-21-0 MW: 293.38 MOLFM: C22-H15-N
SYN: 7-METHYLDIBENZ(c,h)ACRIDINE * 9-METHYL-3,4,5,6-DIBENZACRIDINE * 10-METHYL-1,2:7,8-DIBENZACRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I — COREAF 251,1322,60
3V03J60V10 scu-mus TD :200 mg/kg — VOONAW 1,52,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN2025000 DIBENZ(a,h)ACRIDINE, 8,9,10,11-TETRAHYDRO-14-METHYL-
UPDT:8303 MW: 297.42 MOLFM: C22-H19-N
SYN: 14-METHYL-8,9,10,11-TETRAHYDRODIBENZ(a,h)ACRIDINE * 10-METHYL-1,2-TETRAHYDRO-1,2:5,6-BENZACRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I — COREAF 251,1322,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN2025100 DIBENZ(c,h)ACRIDINE, 1,2,3,4-TETRAHYDRO-7-METHYL-
UPDT:8303 MW: 297.42 MOLFM: C22-H19-N
SYN: 7-METHYL-1,2,3,4-TETRAHYDRODIBENZ(c,h)ACRIDINE * 10-METHYL-1,2-TETRAHYDRO-1,2:7,8-BENZACRIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I — COREAF 251,1322,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,2,5,6-DIBENZANTHRACEEN (Dutch) see: HN2625000
DIBENZ(a,c)ANTHRACENE see: DM1925000

HN2625000 DIBENZ(a,h)ANTHRACENE
UPDT:8412 CAS: 53-70-3 MW: 278.36 MOLFM: C22-H14
SYN: 1,2,5,6-BENZANTHRACENE * DBA * DB(a,h)A * 1,2,5,6-DBA * 1,2,5,6-DIBENZANTHRACEEN (Dutch) * 1,2:5,6-DIBENZANTHRACENE * 1,2:5,6-DIBENZ(a)ANTHRACENE * DIBENZO(a,h)ANTHRACENE * 1,2,5,6-DIBENZOANTHRACENE * RCRA WASTE NUMBER U063
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate — PNASA6 72,5135,75
mrc-esc 25 ug/well — MUREAV 46,53,77
dnd-esc 10 umol/L — MUREAV 89,95,81
sln-dmg-par 5 mmol/L — EJGCA9 4,400,75
mma-nsc 500 ppm — ANYAA9 71,1072,58
dnd-sal:tes 5 ug/1H-C — BIJOAK 110,159,68
dnd-hmn:emb 360 nmol/L — CBINA8 22,257,78
dns-hmn:fbr 1 mg/L — CNREA8 38,2091,78
dns-hmn:hla 100 nmol/L — CNREA8 38,2621,78
otr-rat-orl 200 mg/kg — CNREA8 40,1157,80
pic-rat:emb 100 ug/L — CSHCAL 4,1521,77
otr-mus:fbr 500 ug/L — AETODY 1,133,80
dnd-mus:lvr 6 umol/L — JJINDB 62,947,79
dnd-mus:skn 1 gm/L — CNREA8 27,1678,67
dnd-mus:oth 1 mg/L — CBINA8 4,389,71/72
oms-mus:oth 1 mg/L — CBINA8 4,389,71/72
msc-mus:lym 4250 ug/L — MUREAV 106,101,82
mma-ham:lng 56400 nmol/L — MUREAV 46,27,77
otr-ham:emb 2500 ug/L — CNREA8 32,1391,72
otr-ham:kdy 25 ug/L — TOLED5 7,143,80

BEST COPY AVAILABLE

dnd-ham:fbr 5 mg/L/24H BCPCA6 20,1297,71
dnd-ham:emb 360 nmol/L CBINA8 22,257,78
dnd-ham:kdy 5 mg/L BCPCA6 20,1297,71
dnd-ham:lng 1 mg/L CBINA8 4,389,71/72
oms-ham:lng 1 mg/L CBINA8 4,389,71/72
cyt-ham:fbr 1 mmol/L PJACAW 53,46,77
sce-ham-ipr 900 mg/kg/24H MUREAV 66,65,79
msc-ham:lng 500 ug/L MUREAV 136,65,84
msc-ham:fbr 1 mg/L DTESD7 8,121,80
dnd-mam:lym 2 nmol/L JMOBAK 5,521,62

TUMORIGENIC DATA AND REFERENCES:
1V02 scu-rat TD :2400 ug/kg/50D-I 85DLAB -,-,75
3V01J60K60 orl-mus TDLo:4520 mg/kg/36W-C JNCIAM 1,17,40
3V01R60V10 skn-mus TDLo:1200 mg/kg/50W-I 14JTAF -,-,75,64
2V02V10 scu-mus TDLo:78 ug/kg JNCIAM 3,503,43
2V03J60 ivn-mus TDLo:10 mg/kg JNCIAM 1,225,40
2V01M60 imp-mus TDLo:80 mg/kg BJCAAI 11,212,57
3V03J60V10 scu-gpg TDLo:250 mg/kg/24D-I AKBNAE 51,112,38
3V03J60V10 ivn-gpg TDLo:30 mg/kg JNCIAM 13,705,52
3V01L60V10 ims-pgn TDLo:6 mg/kg JNCIAM 32,905,64
3V02J60M61 irn-frg TDLo:12 mg/kg CNREA8 24,1969,64
2V02V10 imp-mus TD :14 mg/kg AJPAA4 16,287,40
2V01V10 scu-mus TD :6 mg/kg CRNGDP 4,513,83
1V03 scu-rat TD :450 ug/kg BAFEAG 30,66,42
3V02J61V10 imp-mus TD :200 mg/kg AJCAA7 36,201,39
2V02R60 skn-mus TD :6 ug/kg CNREA8 20,1179,60
2V03V10 scu-mus TD :6 mg/kg IJCNAW 32,765,83
2V02R60 skn-mus TD :400 mg/kg/40W-I CNREA8 22,78,62
3V01M60V10 imp-mus TD :100 mg/kg BMBUAQ 14,147,58
3V02J60V10 scu-rat TD :135 mg/kg/9W-I PSEBAA 68,330,48
2V02V10 scu-mus TD :400 mg/kg/10W-I IJCNAW 2,500,67

TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:10 mg/kg JNCIAM 1,225,40

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; MUREAV 39,257,77; BLFSBY 24,129,83
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,178,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 32,299,83

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN2800000 DIBENZ(a,j)ANTHRACENE
UPDT:8403 CAS: 224-41-9 MW: 278.36 MOLFM: C22-H14
SYN: 1,2,7,8-DIBENZANTHRACENE * 3,4,5,6-DIBENZANTHRACENE * DIBENZO(a,j)ANTHRACENE * DIBENZO-1,2,7,8-ANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,311,78

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:252 mg/kg/81W-I JNCIAM 44,641,70
2V03V10 scu-mus TDLo:4 mg/kg JNCIAM 1,45,40
3V03R60V10 skn-mus TD :1250 mg/kg/52W-I PRLBA4 117,318,35
2V03V10 scu-mus TD :16 mg/kg JNCIAM 44,641,70
2V03V10 scu-mus TD :4 mg/kg JNCIAM 1,45,40

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 32,309,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIBENZ(de,kl)ANTHRACENE see: SE3794000
1,2:3,4-DIBENZANTHRACENE see: DM1925000
1,2:5,6-DIBENZANTHRACENE see: HN2625000
1,2:5,6-DIBENZ(a)ANTHRACENE see: HN2625000
1,2:7,8-DIBENZANTHRACENE see: HN2800000
3,4:5,6-DIBENZANTHRACENE see: HN2800000

HN3250000 DIBENZ(a,h)ANTHRACENE, 7-AMINO-
UPDT:8401 CAS: 63041-30-5 MW: 293.38 MOLFM: C22-H15-N
SYN: 9-AMINO-1,2:5,6-DIBENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1250 mg/kg/52W-I PRLBA4 117,318,35

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2,5,6-DIBENZANTHRACENE-CHOLEIC ACID see: FZ2220000

HN3400000 DIBENZ(a,h)ANTHRACENE, 7,14-DIBENZYL-
UPDT:8401 CAS: 59766-02-8 MW: 458.62 MOLFM: C36-H26
SYN: 7,14-DIBENZYLDIBENZ(a,h)ANTHRACENE * 9,10-DIBENZYL-1,2:5,6-DIBENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1250 mg/kg/52W-I PRLBA4 111,485,32

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN3640000 DIBENZ(a,h)ANTHRACENE, 7,14-DIBUTYL-
UPDT:8401 CAS: 63041-48-5 MW: 390.60 MOLFM: C30-H30
SYN: 9,10-DI-n-BUTYL-1,2:5,6-DIBENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1250 mg/kg/52W-I PRLBA4 117,318,35

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN3675000 DIBENZ(a,b)ANTHRACENE, 7,14-DIHYDRO-
UPDT:8401 CAS: 57816-08-7 MW: 280.38 MOLFM: C22-H16
SYN: 9,10-DIHYDRO-1,2:5,6-DIBENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1150 mg/kg/48W-I PRLBA4 129,439,40
3V03R60V10 skn-mus TD :1250 mg/kg/52W-I PRLBA4 117,318,35

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN3730000 DIBENZ(a,h)ANTHRACENE, 5,6-DIHYDRO-
UPDT:8401 CAS: 153-34-4 MW: 280.38 MOLFM: C22-H16
SYN: 5,6-DIHYDRODIBENZ(a,h)ANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,311,78

TUMORIGENIC DATA AND REFERENCES:
3V02P62R60 skn-mus TDLo:130 mg/kg/44W-I JNCIAM 34,1,65
2V03V10 scu-mus TDLo:16 mg/kg JNCIAM 44,641,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN3850000 DIBENZ(a,j)ANTHRACENE, 5,6-DIHYDRO-
UPDT:8401 CAS: 16361-01-6 MW: 280.38 MOLFM: C22-H16
SYN: 5,6-DIHYDRODIBENZ(a,j)ANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,311,78

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:268 mg/kg/85W-I JNCIAM 44,641,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN3860000 DIBENZ(a,h)ANTHRACENE, 1,2-DIHYDRO-1,2-DIHYDROXY-, (E)-
UPDT:8401 MW: 312.38 MOLFM: C22-H16-O2
SYN: DBA 1,2-DIHYDRODIOL * trans-1,2-DIHYDROXY-1,2-DIHYDROBENZ(a,h)ANTHRACENE * trans-1,2-DIHYDROXY-1,2-DIHYDROBENZO(a,h)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2000 ug/kg CNREA8 39,1310,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN3880000 DIBENZ(a,h)ANTHRACENE, 3,4-DIHYDRO-3,4-DIHYDROXY-, (E)-
UPDT:8401 MW: 312.38 MOLFM: C22-H16-O2
SYN: trans-DBA 3,4-DIHYDRODIOL * trans-3,4-DIHYDRO-3,4-DIHYDROXYDIBENZ(a,h)ANTHRACENE * trans-3,4-DIHYDRO-3,4-DIHYDROXYDIBENZO(a,h)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:500 ug/kg CNREA8 39,1310,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN3885000 DIBENZ(a,h)ANTHRACENE, 5,6-DIHYDRO-5,6-DIHYDROXY-
UPDT:8403 CAS: 1421-84-7 MW: 312.38 MOLFM: C22-H16-O2
SYN: 5,6-DIHYDRO-5,6-DIHYDROXYDIBENZ(a,h)ANTHRACENE

MUTATION DATA AND REFERENCES:
dnd-ham:kdy 5 mg/L BCPCA6 20,1297,71

trans-DIBENZ(a,h)ANTHRACENE-5,6-DIHYDRODIOL see: HN4249900
DIBENZ(a,h)ANTHRACENE, 5,6-DIHYDRO-5,6-EPOXY- see: HN4725000

HN4025000 DIBENZ(a,h)ANTHRACENE, 5,6-DIMETHOXY-
UPDT:8401 CAS: 63040-49-3 MW: 338.42 MOLFM: C24-H18-O2
SYN: 3,4-DIMETHOXY-DBA * 3,4-DIMETHOXY-1,2:5,6-DIBENZANTHRACENE * 5,6-DIMETHOXYDIBENZ(a,h)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:600 mg/kg/60W-I CNREA8 22,78,62
2V03V10 scu-mus TDLo:80 mg/kg/4W-I CNREA8 22,78,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN4200000 DIBENZ(a,h)ANTHRACENE, 7,14-DIMETHYL-
UPDT:8408 CAS: 35335-07-0 MW: 306.42 MOLFM: C24-H18
SYN: 9,10-DIMETHYL-DBA * 7,14-DIMETHYLDIBENZ(a,h)ANTHRACENE * 9,10-DIMETHYL-1,2:5,6-DIBENZANTHRACENE

MUTATION DATA AND REFERENCES:
msc-ham:lng 25 ug/L MUREAV 136,65,84

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:200 mg/kg/20W-I CNREA8 22,78,62
2V03V10 scu-mus TDLo:20 mg/kg CNREA8 22,78,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN4249900 DIBENZ(a,h)ANTHRACENE-5,6-DIOL, 5,6-DIHYDRO-, (E)-
UPDT:8401 CAS: 3719-40-2 MW: 312.38 MOLFM: C22-H16-O2
SYN: trans-DIBENZ(a,h)ANTHRACENE-5,6-DIHYDRODIOL * trans-5,6-DIHYDRODIBENZ(a,h)ANTHRACENE-5,6-DIOL

MUTATION DATA AND REFERENCES:
mma-sat 120 ug/plate MUREAV 96,1,82

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

HN4300000 DIBENZ(a,h)ANTHRACENE-7,14-DIOL, 7,14-DIHYDRO-7,14-DIPROPYL-
UPDT:8401 CAS: 63041-56-5 MW: 396.56 MOLFM: C28-H28-O2
SYN: 9,10-DIHYDRO-9,10-DIHYDROXY-9,10-DI-n-PROPYL-1,2:5,6-DIBENZANTHRACENE * 7,14-DIHYDRO-7,14-DIPROPYLDIBENZ(a,h)ANTHRACENE-7,14-DIOL * 9,10-DIHYDROXY-9,10-DI-n-PROPYL-9,10-DIHYDRO-1,2:5,6-DIBENZANTHRACENE * 9,10-DI-n-PROPYL-9,10-DIHYDROXY-9,10-DIHYDRO-1,2:5,6-DIBENZANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:8 mg/kg JOCEAH 2,175,37

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN4310000 DIBENZ(a,h)ANTHRACENE-5,6-DIONE
UPDT:8303 CAS: 3732-92-1 MW: 308.34 MOLFM: C22-H12-O2
SYN: DIBENZ(a,h)ANTHRACENE-5,6-QUINONE * a-DIBENZ(a,h)ANTHRACENEQUINONE

MUTATION DATA AND REFERENCES:
mma-sat 120 ug/plate MUREAV 96,1,82

1,2:5,6-DIBENZANTHRACENE-9,10-ENDO-alpha,beta-SUCCINIC ACID see: KJ4630000
1,2:5,6-DIBENZANTHRACENE-9,10-ENDO-alpha,beta-SUCCINIC ACID SODIUM SALT see: KJ4660000

HN4725000 DIBENZ(a,h)ANTHRACENE, 5,6-EPOXY-5,6-DIHYDRO-
UPDT:8401 CAS: 1421-85-8 MW: 294.36 MOLFM: C22-H14-O
SYN: DBA-5,6-EPOXIDE * DIBENZ(a,h)ANTHRACENE, 5,6-DIHYDRO-5,6-EPOXY- * DIBENZ(a,h)ANTHRACENE 5,6 OXIDE * 5,6-EPOXY-5,6-DIHYDRODIBENZ(a,h)ANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 300 ng/plate IJCNAW 16,787,75
mma-sat 5 ug/plate PNASA6 72,5135,75
pic-omi 4080 nmol/L NNBYA7 234,186,71
dns-hmn:hla 1 umol/L CNREA8 38,2621,78
otr-mus:fbr 500 ug/L CNREA8 32,716,72
dnd-mus:oth 1 mg/L CBINA8 4,389,71/72
oms-mus:oth 1 mg/L CBINA8 4,389,71/72
otr-ham:emb 2500 ug/L CNREA8 32,1391,72
dnd-ham:kdy 5 mg/L BCPCA6 20,1297,71
dnd-ham:lng 1 mg/L CBINA8 4,389,71/72
orss-ham:lng 1 mg/L CBINA8 4,389,71/72

TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-mus TDLo:400 mg/kg/10W-I IJCNAW 2,500,67

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN4900000 DIBENZ(a,h)ANTHRACENE, 6-FLUORO-
UPDT:8401 CAS: 1764-39-2 MW: 296.35 MOLFM: C22-H13-F
SYN: 6-FLUORO-1,2:5,6-DIBENZANTHRACENE * 6-FLUORODIBENZ(a,h)ANTHRACENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:200 mg/kg/1 BECCAN 40,30,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN5100000 DIBENZ(a,h)ANTHRACENE, 1,2,3,4,12,13-HEXAHYDRO-
UPDT:8401 CAS: 153-32-2 MW: 284.42 MOLFM: C22-H20
SYN: 1,2,3,4,12,13-HEXAHYDRODIBENZ(a,h)ANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,311,78

TUMORIGENIC DATA AND REFERENCES:
3V02P62R60 skn-mus TDLo:152 mg/kg/50W-I JNCIAM 34,1,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN5150000 DIBENZ(a,j)ANTHRACENE, 1,2,3,4,8,9-HEXAHYDRO-
UPDT:8401 CAS: 16310-69-3 MW: 284.42 MOLFM: C22-H20
SYN: 1,2,3,4,8,9-HEXAHYDRODIBENZ(a,j)ANTHRACENE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,311,78

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
HN5250000 DIBENZ(a,h)ANTHRACENE, 5-METHOXY-
UPDT:8401 CAS: 63019-72-7 MW: 308.39 MOLFM: C23-H16-O
SYN: 3-METHOXY-DBA * 3-METHOXY-1,2:5,6-DIBENZANTHRACENE * 5-METHOXYDIBENZ(a,h)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:300 mg/kg/30W-I CNREAB 22,78,62
2V03V10 scu-mus TDLo:80 mg/kg CNREAB 22,78,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HN5425000 DIBENZ(a,h)ANTHRACENE, 7-METHOXY-
UPDT:8401 CAS: 63041-72-5 MW: 308.39 MOLFM: C23-H16-O
SYN: 9-METHOXY-DBA * 7-METHOXYDIBENZ(a,h)ANTHRACENE * 9-METHOXY-1,2,5,6-DIBENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:400 mg/kg/40W-I CNREAB 22,78,62
2V03V10 scu-mus TDLo:80 mg/kg CNREAB 22,78,62
3V03R60V10 skn-mus TD :620 mg/kg/26W-I PRLBA4 111,485,32
3V03R60V10 skn-mus TD :1030 mg/kg/43W-I PRLBA4 117,318,35
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HN5450000 DIBENZ(a,h)ANTHRACENE, 2-METHYL-
UPDT:8401 CAS: 63041-83-8 MW: 292.39 MOLFM: C23-H16
SYN: 2-METHYLDIBENZ(a,h)ANTHRACENE * 2'-METHYL-1,2:5,6-DIBENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1250 mg/kg/52W-I PRLBA4 111,485,32
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HN5475000 DIBENZ(a,h)ANTHRACENE, 3-METHYL-
UPDT:8401 CAS: 63041-84-9 MW: 292.39 MOLFM: C23-H16
SYN: 3-METHYLDIBENZ(a,h)ANTHRACENE * 3'-METHYL-1,2:5,6-DIBENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 skn-mus TDLo:552 mg/kg/23W-I PRLBA4 111,455,32
3V03R60V10 skn-mus TD :1250 mg/kg/52W-I PRLBA4 111,485,32
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HN5500000 DIBENZ(a,h)ANTHRACENE, 6-METHYL-
UPDT:8401 CAS: 63041-85-0 MW: 292.39 MOLFM: C23-H16
SYN: 4-METHYL-1,2:5,6-DIBENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1010 mg/kg/42W-I PRLBA4 117,318,35
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HN5520000 DIBENZ(a,h)ANTHRACENE, 7-METHYL-
UPDT:8408 MW: 292.39 MOLFM: C23-H16
SYN: 7-METHYLDIBENZ(a,h)ANTHRACENE
MUTATION DATA AND REFERENCES:
msc-ham:lng 100 ug/L MUREAV 136,65,84
DIBENZ(a,c)ANTHRACENE, 10-METHYL- see: DM2100000
HN5675000 DIBENZ(a,h)ANTHRACENE, OCTAHYDRO-
UPDT:8401 CAS: 63021-67-0 MW: 286.44 MOLFM: C22-H22
SYN: OCTAHYDRO-1,2:5,6-DIBENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1250 mg/kg/52W-I PRLBA4 111,485,32
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DIBENZ(a,h)ANTHRACENE 5,6 OXIDE see: HN4725000
DIBENZ(a,h)ANTHRACENE-5,6-QUINONE see: HN4310000
o-DIBENZ(a,h)ANTHRACENEQUINONE see: HN4310000
HN5700000 DIBENZ(a,h)ANTHRACENE, 1,2,3,4-TETRAHYDRO-
UPDT:8401 CAS: 153-39-9 MW: 282.40 MOLFM: C22-H18
SYN: 1,2,3,4-TETRAHYDRODIBENZ(a,h)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V02J60R60 skn-mus TDLo:74 mg/kg/29W-I JNCIAM 34,1,65
2V02V10 scu-mus TDLo:16 mg/kg JNCIAM 44,641,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HN5775000 DIBENZ(a,j)ANTHRACENE, 1,2,3,4-TETRAHYDRO-
UPDT:8401 CAS: 16310-68-2 MW: 282.40 MOLFM: C22-H18
SYN: 1,2,3,4-TETRAHYDRODIBENZ(a,j)ANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:104 mg/kg/35W-I JNCIAM 44,641,70
2V03V10 scu-mus TDLo:16 mg/kg JNCIAM 44,641,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HN5785000 DIBENZ(a,h)ANTHRACENE, 1,2,3,4-TETRAHYDRO-3,4-DIHYDROXY-, (E)-
UPDT:8401 MW: 314.40 MOLFM: C22-H18-O2
SYN: trans-3,4-DIHYDROXY-1,2,3,4-TETRAHYDRODIBENZ(a,h)ANTHRACENE * trans-3,4-DIHYDROXY-1,2,3,4-TETRAHYDRODIBENZO(a,h)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 60 ug/plate MUREAV 96,1,82
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2010 ug/kg CNREAB 39,1310,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HN5787000 DIBENZ(a,h)ANTHRACEN-5-OL
UPDT:8303 CAS: 4002-76-0 MW: 294.36 MOLFM: C22-H14-O
SYN: 5-HYDROXY-DIBENZ(a,h)ANTHRACENE
MUTATION DATA AND REFERENCES:
mma-sat 3800 ng/plate MUREAV 96,1,82
dnd-mus:oth 1 mg/L CBINAB 4,389,71/72
oms-mus:oth 1 mg/L CBINAB 4,389,71/72
otr-ham:emb 1 mg/L CNREAB 32,1391,72
dnd-ham:kdy 5 mg/L BCPCA6 20,1297,71
dnd-ham:lng 1 mg/L CBINAB 4,389,71/72
oms-ham:lng 1 mg/L CBINAB 4,389,71/72
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
DIBENZANTHRONE see: JE2310000
HN6200000 5H-DIBENZARSENOLE, 5-CHLORO-
UPDT:7901 CAS: 2866-58-2 MW: 262.57 MOLFM: C12-H8-As-Cl
SYN: 5-CHLORO-5H-DIBENZARSENOLE * TL 64
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:3880 mg/m3/10M NDRC** NDCrc-132,Sept,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
HN6300000 5H-DIBENZARSENOLE, 5-CYANO-
UPDT:7901 CAS: 63918-65-0 MW: 253.14 MOLFM: C13-H8-As-N
SYN: 5-CYANO-5H-DIBENZARSENOLE * TL 65
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:630 mg/m3/10M NDRC** NDCrc-132,Sept,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

HN7525000 5H-DIBENZ(c,e)AZEPINE, 6-ALLYL-6,7-DIHYDRO-, PHOSPHATE (1:1)
UPDT:8405 CAS: 130-83-6 MW: 333.35 MOLFM: C17-H17-N H3-O4-P
SYN: 6-ALLYL-6,7-DIHYDRO-5H-DIBENZ(c,e)AZEPINE PHOSPHATE * AZAPETINE PHOSPHATE * AZEPINE PHOSPHATE * 5H-DIBENZ(c,e)AZEPINE, 6,7-DIHYDRO-6-ALLYL- PHOSPHATE (1:1) * 6,7-DIHYDRO-6-(2-PROPENYL)-5H-DIBENZ(c,e)AZEPINE PHOSPHATE * ILIDAR * ILIDAR PHOSPHATE * RO 2-3248
TOXICITY DATA AND REFERENCES:
orl-mus LD50:460 mg/kg JPETAB 103,10,51
ipr-mus LD50:210 mg/kg JPETAB 103,10,51
scu-mus LD50:725 mg/kg JPETAB 103,10,51
ivn-mus LD50:26 mg/kg JPETAB 103,10,51
ims-mus LD50:600 mg/kg JPETAB 103,10,51
ivn-dog LD50:50 mg/kg JPETAB 103,10,51
ivn-rbt LD50:27 mg/kg JPETAB 103,10,51
HN7600000 5H-DIBENZ(b,f)AZEPINE, 10-(2-AMINOETHYL)-8-CHLORO-5-METHYL-
UPDT:8303 MW: 284.81 MOLFM: C17-H17-Cl-N2
SYN: 10-(2-AMINOETHYL)-8-CHLORO-5-METHYL-5H-DIBENZ(b,f)AZEPINE * CHLORO-8 METHYL-5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg EJMCA5 17,371,82
HN8225000 5H-DIBENZ(b,f)AZEPINE-5-CARBOXAMIDE
UPDT:8408 CAS: 298-46-4 MW: 236.29 MOLFM: C15-H12-N2-O
SYN: BISTON * CARBAMAZEPEN * CARBAMAZEPINE * CARBAMEZEPINE * 5-CARBAMOYL-5H-DIBENZ(b,f)AZEPINE * 5-CARBAMOYLIMIBENZO(b,f)AZEPINE * 5-CARBAMOYL-5H-DIBENZO(b,f)AZEPINE * 5-CARBAMOYLIMIDBENZ(b,f)AZEPINE * 5-CARBAMYL-5H-DIBENZO(b,f)AZEPINE * CARBAZEPINE * FINLEPSIN * G 32883 * GEIGY 32883 * STAZEPIN * TEGRETAL * TEGRETOL * TELESMIN * TIMONIL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T72176T81 orl-rat TDLo:3600 mg/kg (14D pre/1-22D preg) TJADAB 29(3),33A,84
1T46 orl-mus TDLo:440 mg/kg (6-16D preg) TXAPA9 40,365,77
1T41 orl-mus TDLo:1320 mg/kg (6-16D preg) TXAPA9 40,365,77
2T42T43 orl-mus TDLo:5628 mg/kg (7-12D preg) TJADAB 23,33A,81
1T34 orl-mus TDLo:9984 mg/kg (8-13D preg) ARNEAS 36,832,79
TOXICITY DATA AND REFERENCES:
1P25 orl-wmn TDLo:3600 mg/kg/39W BMJOAE 1,108,66
3F04F08K13 orl-hmn TDLo:43 mg/kg BMJOAE 1,754,77
3F07K13R03 orl-wmn TDLo:1220 mg/kg/60D BMJOAE 2,1434,66
* orl-rat LD50:4025 mg/kg MEXPAG 11,191,,64
* ipr-rat LD50:293 mg/kg ARZNAD 30,477,80
orl-mus LD50:936 mg/kg RPTOAN 32,131,69
ipr-mus LD50:350 mg/kg JMCMAR 7,88,64
orl-dog LD50:5620 mg/kg 27ZQAG -,63,72
orl-rbt LD50:2680 mg/kg 27ZQAG -,63,72
orl-gpg LD50:920 mg/kg 27ZQAG -,63,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: HFHBAG 30(1),31,75; EPILAK 16,159,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
5H-DIBENZ(b,f)AZEPINE, 5-(3-((p-CHLOROBENZOYL)METHYL)-4-METHYLAMINO)PROPYL)- see: AM6485000
HN8575000 5H-DIBENZ(b,f)AZEPINE, 3-CHLORO-5-(3-(4-CARBAMOYL-4-PIPERIDINOPIPERIDINO)PROPYL)-10,11- DIHYDRO-, DIHYDROCHLORIDE, MONOHYDRATE
UPDT:8406 CAS: 28058-62-0 MW: 573.09 MOLFM: C28-H38-Cl-N4-O 2Cl-H H2-O
SYN: Y-4153
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:60 mg/kg (9-14D preg) OYYAA2 5,663,71
1T02 orl-rat TDLo:7 gm/kg (35D male) OYYAA2 5,645,71
2T34T35 orl-mus TDLo:60 mg/kg (7-12D preg) OYYAA2 5,663,71
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6800 mg/kg ARZNAD 21,391,71
2F07F12 ipr-rat LD50:125 mg/kg ARZNAD 21,391,71
1F07 orl-mus LD50:2550 mg/kg ARZNAD 21,391,71
1P05 ipr-mus LD50:160 mg/kg ARZNAD 21,391,71
* scu-mus LD50:6500 mg/kg ARZNAD 21,391,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HN8590000 5H-DIBENZ(b,f)AZEPINE, 2-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-
UPDT:8303 MW: 312.87 MOLFM: C19-H21-Cl-N2
SYN: 2-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE * CHLORO-8 TRIMETHYL-N,N,5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:80 mg/kg EJMCA5 17,371,82
HN8590100 5H-DIBENZ(b,f)AZEPINE, 7-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-
UPDT:8303 MW: 312.87 MOLFM: C19-H21-Cl-N2
SYN: 7-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:80 mg/kg EJMCA5 17,371,82
HN8590200 5H-DIBENZ(b,f)AZEPINE, 8-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-
UPDT:8303 MW: 312.87 MOLFM: C19-H21-Cl-N2
SYN: 8-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE * CHLORO-8-TRIMETHYL-N,N,5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:35 mg/kg EJMCA5 17,371,82
5H-DIBENZ(b,f)AZEPINE, 3-CHLORO-5-(3-(DIMETHYLAMINO)PROPYL)-10,11-DIHYDRO- see: HN9050000
HN8630000 5H-DIBENZ(b,f)AZEPINE, 7-CHLORO-10-(2-(METHYLAMINO)ETHYL)-5-METHYL-, FUMARATE
UPDT:8103 MW: 414.92 MOLFM: C18-H19-Cl-N2 C4-H4-O4
SYN: 7-CHLORO-10-(2-(METHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE FUMARATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:80 mg/kg EJMCA5 17,371,82
HN8630100 5H-DIBENZ(b,f)AZEPINE, 8-CHLORO-10-(2-(METHYLAMINO)ETHYL)-5-METHYL-, FUMARATE
UPDT:8303 MW: 414.92 MOLFM: C18-H19-Cl-N2 C4-H4-O4
SYN: 8-CHLORO-10-(2-(METHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE FUMARATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg EJMCA5 17,371,82
HN8950000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-
UPDT:8308 CAS: 494-19-9 MW: 195.28 MOLFM: C14-H13-N
SYN: 10,11-DIHYDRO-5-DIBENZ(b,f)AZEPINE * IMINODIBENZYL
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD FCTOD7 20,573,82
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 mg/kg CSLNX* NX#01352

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

5H-DIBENZ(c,e)AZEPINE, 6,7-DIHYDRO-6-ALLYL-, PHOSPHATE (1:1) see: HN7525000

HN9050000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-3-CHLORO-5-(3-(DIMETHYLAMINO)PROPYL)-
UPDT:6402 CAS: 301-19-1 MW: 314.89 MOLFM: C19-H23-Cl-N2
SYN: ANAFRANIL * CHLORIMIPRAMINE * 3-CHLORO-5-(3-(DIMETHYLAMINO)PROPYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE * 3-CHLOROIMIPRAMINE * CIM * CLOMIPRAMINE * 5H-DIBENZ(b,f)AZEPINE, 3-CHLORO-5-(3-(DIMETHYLAMINO)PROPYL)-10,11-DIHYDRO- * MONOCHLORIMIPRAMINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 ivn-wmn TDLo:50 mg/kg (38-47D preg) TJADAB 24(1),42A,81
3T81T85T86 orl-rat TDLo:420 mg/kg (21D post) PSCHDL 56,93,78
2T72T86 orl-rat TDLo:400 mg/kg (20D pre) PSCHDL 56,93,78
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:251 mg/kg OYYAA2 3,390,69
2F03F17 orl-mus LD50:380 mg/kg GWXXRX #2618152
ipr-mus LD50:150 mg/kg JMCMAR 21,448,78
ivn-mus LD50:30 mg/kg JMCMAR 17,63,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN9055000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-3-CHLORO-5-(3-DIMETHYLAMINO)PROPYL)- MONOHYDROCHLORIDE
UPDT:8305 CAS: 17321-77-6 MW: 351.35 MOLFM: C19-H23-Cl-N2 Cl-H
SYN: ANAFRANIL * ANAFRANIL * CHLORIMIPRAMINE HYDROCHLORIDE * 3-CHLORO-5-(3-(DIMETHYLAMINO)PROPYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE MONOHYDROCHLORIDE * 3-CHLOROIMIPRAMINE HYDROCHLORIDE * CHLOROIMIPRAMINE MONOHYDROCHLORIDE * CLOMIPRAMINE HYDROCHLORIDE * 5H-DIBENZ(b,f)AZEPINE-5-PROPANAMINE, 3-CHLORO-10,11-DIHYDRO-N,N-DIMETHYL-, MONOHYDROCHLORIDE * G 34586

MUTATION DATA AND REFERENCES:
sln-dmg-orl 200 mg SOGEBZ 7,1042,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T35T41 scu-mus TDLo:110 mg/kg (9D preg) DGDFA5 22,61,80

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1150 mg/kg NIIRDN 6,243,82
* ipr-rat LD50:135 mg/kg NIIRDN 6,243,82
* scu-rat LD50:1750 mg/kg NIIRDN 6,243,82
* ivn-rat LD50:26 mg/kg NIIRDN 6,243,82
* orl-mus LD50:470 mg/kg NIIRDN 6,243,82
* ipr-mus LD50:90 mg/kg NIIRDN 6,243,82
* scu-mus LD50:400 mg/kg KSRNAM 4,2105,70
* ivn-mus LD50:26 mg/kg NIIRDN 6,243,82
* orl-dog LD50:383 mg/kg KSRNAM 4,2105,70
* ivn-dog LD50:32 mg/kg KSRNAM 4,2105,70
* orl-rbt LD50:792 mg/kg KSRNAM 4,2105,70
* scu-rbt LD50:217 mg/kg KSRNAM 4,2105,70
* ivn-rbt LD50:12 mg/kg KSRNAM 4,2105,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HN9104000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(m-((DIETHYLAMINO)METHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8405 MW: 421.02 MOLFM: C26-H28-N2-O Cl-H
SYN: 5-(m-((DIETHYLAMINO)METHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12F25 ipr-mus LD50:215 mg/kg ARPMAS 316,1018,83
3F07F12F25 scu-mus LD50:265 mg/kg ARPMAS 316,1018,83

HN9104010 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(o-((DIETHYLAMINO)METHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8405 MW: 421.02 MOLFM: C26-H28-N2-O Cl-H
SYN: 5-(o-((DIETHYLAMINO)METHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12F25 ipr-mus LD50:139 mg/kg ARPMAS 316,1018,83
3F07F12F25 scu-mus LD50:223 mg/kg ARPMAS 316,1018,83

HN9104020 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(p-((DIETHYLAMINO)METHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8405 MW: 421.02 MOLFM: C26-H28-N2-O Cl-H
SYN: 5-(p-((DIETHYLAMINO)METHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12F25 ipr-mus LD50:232 mg/kg ARPMAS 316,1018,83
3F07F12F25 scu-mus LD50:560 mg/kg ARPMAS 316,1018,83

HN9140000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(m-((DIMETHYLAMINO)METHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8407 MW: 392.96 MOLFM: C24-H24-N2-O Cl-H
SYN: 5-(m-((DIMETHYLAMINO)METHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12F25 ipr-mus LD50:138 mg/kg ARPMAS 316,1018,83
3F07F12F25 scu-mus LD50:228 mg/kg ARPMAS 316,1018,83

HN9140010 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(o-((DIMETHYLAMINO)METHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8405 MW: 392.96 MOLFM: C24-H24-N2-O Cl-H
SYN: 5-(o-((DIMETHYLAMINO)METHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12F25 ipr-mus LD50:110 mg/kg ARPMAS 316,1018,83
3F07F12F25 scu-mus LD50:334 mg/kg ARPMAS 316,1018,83

HN9140020 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(p-((DIMETHYLAMINO)METHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8405 MW: 392.96 MOLFM: C24-H24-N2-O Cl-H
SYN: 5-(p-((DIMETHYLAMINO)METHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12F25 ipr-mus LD50:114 mg/kg ARPMAS 316,1018,83
3F07F12F25 scu-mus LD50:338 mg/kg ARPMAS 316,1018,83

HN9260000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-, MALEATE (1:1)
UPDT:8408 CAS: 521-78-8 MW: 410.56 MOLFM: C20-H26-N2 C4-H4-O4
SYN: SUBMONTIL MALEATE * TRIMEPRIMINE MALEATE * TRIMEPRIMINE MONOMALEATE * TRIMIPRAMINE ACID MALEATE * TRIMIPRAMINE MALEATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T35T34T41 scu-mus TDLo:85 mg/kg (9D preg) DGDFA5 22,61,80

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:800 mg/kg FRPPAO 25,519,70
* ipr-rat LD50:150 mg/kg FRPPAO 25,519,70
* scu-rat LD50:308 mg/kg FRPPAO 25,519,70
* ivn-rat LD50:38 mg/kg FRPPAO 25,519,70
* orl-mus LD50:425 mg/kg NIIRDN 6,526,82
* ipr-mus LD50:140 mg/kg FRPPAO 25,519,70
* scu-mus LD50:240 mg/kg FRPPAO 25,519,70
* ivn-mus LD50:40 mg/kg FRPPAO 25,519,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(3-(DIMETHYLAMINO)PROPYL)- see: HO1575000

5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(3-(DIMETHYLAMINO)PROPYL)-, HYDROCHLORIDE see: HO1925000

HO0350000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(3-(METHYLAMINO)PROPYL)-
UPDT:8409 CAS: 50-47-5 MW: 266.42 MOLFM: C18-H22-N2
SYN: DESIPRAMINE * DESIPRAMINE * DESIMIPRAMINE * DESIPRAMIN * DESIPRAMINE * DESIPRAMINE (D4) * DESMETHYLIMIPRAMINE * 10,11-DIHYDRO-5-(3-METHYLAMINOPROPYL)-5H-DIBENZ(b,f)AZEPINE * DIMETHYLIMIPRAMINE * DMI * DMI 50475 * IMIPRAMINE, DEMETHYL * METHYLAMINOPROPYLIMINODIBENZYL * MONODEMETHYLIMIPRAMINE * NORIMIPRAMINE * PENTOFRAN * PERTOFRAN * PERTROFANE * SERTOFRAN

MUTATION DATA AND REFERENCES:
dnd-esc 20 umol/L MUREAV 89,95,81
cyt-oin-unk 10 gm/L JCLBA3 47,182a,70

TOXICITY DATA AND REFERENCES:
unk-chd LDLo:125 mg/kg 32ZWAA 8,366,74
orl-rat LD50:375 mg/kg ARZNAD 19,1617,69
ipr-rat LD50:55 mg/kg AIPTAK 148,560,64
scu-rat LD50:250 mg/kg AIPTAK 148,560,64
ivn-rat LD50:29 mg/kg AIPTAK 148,560,64
orl-mus LD50:448 mg/kg JJPAAZ 21,47,70
ipr-mus LD50:97 mg/kg AIPTAK 148,560,64
scu-mus LD50:214 mg/kg FRPPAO 25,519,70
ivn-mus LD50:39 mg/kg JJPAAZ 21,47,70
orl-rbt LD50:1000 mg/kg ARZNAD 19,1617,69
ivn-rbt LD50:12 mg/kg AIPTAK 148,560,64

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DICPB8 8(12),690,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(3-(METHYLAMINO)PROPYL)-, HYDROCHLORIDE see: HO0825000

HO0525000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(3-(METHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 58-28-6 MW: 302.88 MOLFM: C18-H22-N2 Cl-H
SYN: DEMETHYLIMIPRAMINE HYDROCHLORIDE * DESIPRAMINE HYDROCHLORIDE * DESMETHYLIMIPRAMINE HYDROCHLORIDE * 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(3-(METHYLAMINO)PROPYL)-, HYDROCHLORIDE * 10,11-DIHYDRO-5-(3-(METHYLAMINO)PROPYL)-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE * DMI HYDROCHLORIDE * EN 4355 * G 35030 * GMI * IMIPRAMINEDEMETHYL HYDROCHLORIDE * IRENE * JB 8181 * N-(gamma-METHYLAMINONORPROPYL)IMINODIBENZYL HYDROCHLORIDE * NORPRAMIN * NORTIMIL * NSC 114901 * PERTOFRAN * PERTOFRANE * RMI9 284A

MUTATION DATA AND REFERENCES:
cyt-oin-unk 10 gm/L JCLBA3 47,182a,70

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T35T41 scu-mus TDLo:90 mg/kg (9D preg) DGDFA5 22,61,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:55 mg/kg WMWOA4 112,558,62
ipr-rat LD50:55 mg/kg 27ZQAG -,70,72
scu-rat LD50:250 mg/kg WMWOA4 112,558,62
ivn-rat LD50:19 mg/kg 27ZQAG -,70,72
orl-mus LD50:315 mg/kg 27ZQAG -,70,72
ipr-mus LD50:88 mg/kg 27ZQAG -,70,72
scu-mus LD50:180 mg/kg WMWOA4 112,558,62
3F12F21U26 ivn-mus LD50:37 mg/kg IJNEAQ 4,111,65
ivn-dog LD50:25 mg/kg 27ZQAG -,70,72
ivn-rbt LD50:12 mg/kg WMWOA4 112,558,62

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDPYAK 2,209,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO0547000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-2-((4-METHYL-1-PIPERAZINYL)METHYL)-
UPDT:8311 CAS: 64097-57-0 MW: 307.46 MOLFM: C20-H25-N3
SYN: 10,11-DIHYDRO-2-((4-METHYL-1-PIPERAZINYL)METHYL)-5H-DIBENZ(b,f)AZEPINE

TOXICITY DATA AND REFERENCES:
3D28F13F19 orl-mus LD50:1100 mg/kg EJMCA5 12,219,77

HO0565000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(m-(MORPHOLINOMETHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8407 MW: 435.00 MOLFM: C26-H26-N2-O2 Cl-H
SYN: 5-(m-(MORPHOLINOMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12F25 ipr-mus LD50:631 mg/kg ARPMAS 316,1018,83
3F07F12F25 scu-mus LD50:861 mg/kg ARPMAS 316,1018,83

HO0565010 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(o-(MORPHOLINOMETHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8405 MW: 435.00 MOLFM: C26-H26-N2-O2 Cl-H
SYN: 5-(o-(MORPHOLINOMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12F25 ipr-mus LD50:217 mg/kg ARPMAS 316,1018,83
3F07F12F25 scu-mus LD50:1749 mg/kg ARPMAS 316,1018,83

HO0565020 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(p-(MORPHOLINOMETHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8405 MW: 435.00 MOLFM: C26-H26-N2-O2 Cl-H
SYN: 5-(p-(MORPHOLINOMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F07F25 ipr-mus LD50:2300 mg/kg ARPMAS 316,1018,83
2F07F25 scu-mus LD50:870 mg/kg ARPMAS 316,1018,83

HO0890000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(m-(PIPERIDINOMETHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8405 MW: 433.03 MOLFM: C27-H28-N2-O Cl-H
SYN: 5-(m-(PIPERIDINOMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12F25 ipr-mus LD50:108 mg/kg ARP AS 316,1018,83
3F07F12F25 scu-mus LD50:286 mg/kg ARPMAS 316,1018,83

HO0890010 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(o-(PIPERIDINOMETHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8405 MW: 433.03 MOLFM: C27-H28-N2-O Cl-H
SYN: 5-(o-(PIPERIDINOMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F07F25 ipr-mus LD50:178 mg/kg ARPMAS 316,1018,83
2F07F25 scu-mus LD50:338 mg/kg ARPMAS 316,1018,83

HO0890020 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(p-(PIPERIDINOMETHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8405 MW: 433.03 MOLFM: C27-H28-N2-O Cl-H
SYN: 5-(p-(PIPERIDINOMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F07F25 ipr-mus LD50:130 mg/kg ARPMAS 316,1018,83
2F07F25 scu-mus LD50:368 mg/kg ARPMAS 316,1018,83

HO0930000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-2-(1-PIPERIDINYLMETHYL)-
UPDT:8311 CAS: 64097-56-9 MW: 292.46 MOLFM: C20-H24-N2
SYN: 10,11-DIHYDRO-2-(1-PIPERIDINYLMETHYL)-5H-DIBENZ(b,f)AZEPINE

TOXICITY DATA AND REFERENCES:
3D28F13F19 orl-mus LD50:1100 mg/kg EJMCA5 12,219,77

HO1005000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-2-(1-PYRROLIDINYLMETHYL)-
UPDT:8311 CAS: 64097-59-2 MW: 278.43 MOLFM: C19-H32-N2
SYN: 10,11-DIHYDRO-2-(1-PYRROLIDINYLMETHYL)-5H-DIBENZ(b,f)AZEPINE

TOXICITY DATA AND REFERENCES:
3D28F13F19 orl-mus LD50:450 mg/kg EJMCA5 12,219,77

HO1008000 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(m-(1-PYRROLIDINYLMETHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8407 MW: 419.00 MOLFM: C26-H26-N2-O Cl-H
SYN: 5-(m-(1-PYRROLIDINYLMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12F25 ipr-mus LD50:75 mg/kg ARPMAS 316,1018,83
3F07F12F25 scu-mus LD50:176 mg/kg ARPMAS 316,1018,83

HO1008010 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(o-(1-PYRROLIDINYLMETHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8405 MW: 419.00 MOLFM: C26-H26-N2-O Cl-H
SYN: 5-(o-(1-PYRROLIDINYLMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12F25 ipr-mus LD50:80 mg/kg ARPMAS 316,1018,83
3F07F12F25 scu-mus LD50:159 mg/kg ARPMAS 316,1018,83

HO1008020 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(p-(1-PYRROLIDINYLMETHYL)BENZOYL)-, HYDROCHLORIDE
UPDT:8405 MW: 419.00 MOLFM: C26-H26-N2-O Cl-H
SYN: 5-(p-(1-PYRROLIDINYLMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12F25 ipr-mus LD50:230 mg/kg ARPMAS 316,1018,83
3F07F12F25 scu-mus LD50:281 mg/kg ARPMAS 316,1018,83

HO1120000 5H-DIBENZ(b,f)AZEPINE, 10-(2-(DIMETHYLAMINO)ETHYL)-
UPDT:8303 MW: 263.39 MOLFM: C18-H19-N2
SYN: 10-(2-(DIMETHYLAMINO)ETHYL)-5H-DIBENZ(b,f)AZEPINE * DIMETHYL-N,N 5H-DIBENZ(b,f)-10-ETHANAMINE (French)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg EJMCA5 17,371,82

HO1122000 5H-DIBENZ(b,f)AZEPINE, 10-(2-(DIMETHYLAMINO)ETHYL)-5-ETHYL-
UPDT:8303 MW: 292.46 MOLFM: C20-H24-N2
SYN: 10-(2-(DIMETHYLAMINO)ETHYL)-5-ETHYL-5H-DIBENZ(b,f)AZEPINE * DIMETHYL-N,N ETHYL-5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg EJMCA5 17,371,82

HO1124000 5H-DIBENZ(b,f)AZEPINE, 10-(2-(DIMETHYLAMINO)ETHYL)-8-(ETHYLSULFONYL)-5-METHYL-, HYDROCHLORIDE
UPDT:8303 MW: 407.01 MOLFM: C21-H26-N2-O2-S Cl-H
SYN: 10-(2-(DIMETHYLAMINO)ETHYL)-8-(ETHYLSULFONYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE * ETHYLSULFONYL-8 TRIMETHYL-N,N,5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg EJMCA5 17,371,82

HO1125000 5H-DIBENZ(b,f)AZEPINE, 10-(2-(DIMETHYLAMINO)ETHYL)-8-(ETHYLTHIO)-5-METHYL-, HYDROCHLORIDE
UPDT:8303 MW: 375.01 MOLFM: C21-H26-N2-S Cl-H
SYN: 10-(2-(DIMETHYLAMINO)ETHYL)-8-(ETHYLTHIO)-5-METHYL-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE * ETHYLTHIO-8 TRIMETHYL-N,N,5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg EJMCA5 17,371,82

HO1128000 5H-DIBENZ(b,f)AZEPINE, 10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-
UPDT:8303 MW: 278.43 MOLFM: C19-H22-N2
SYN: 10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE * TRIMETHYL-N,N,5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg EJMCA5 17,371,82

HO1130000 5H-DIBENZ(b,f)AZEPINE, 10-(2-(DIMETHYLAMINO)ETHYL)-, OXALATE
UPDT:8303 MW: 353.43 MOLFM: C18-H19-N2 C2-H2-O4
SYN: 10-(2-(DIMETHYLAMINO)ETHYL)-5H-DIBENZ(b,f)AZEPINE OXALATE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg EJMCA5 17,371,82

HO1170000 5H-DIBENZ(b,f)AZEPINE, 10-(DIMETHYLAMINOMETHYL)-5-METHYL-, HYDROCHLORIDE
UPDT:8303 MW: 300.86 MOLFM: C18-H20-N2 Cl-H
SYN: 10-(DIMETHYLAMINOMETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg EJMCA5 17,371,82

HO1575000 5H-DIBENZ(b,f)AZEPINE, 5-(3-(DIMETHYLAMINO)PROPYL)-10,11-DIHYDRO-
UPDT:8411 CAS: 50-49-7 MW: 280.45 MOLFM: C19-H24-N2
SYN: ANTIDEPRIM * BERKOMINE * CENSTIN * CENSTIN * 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(3-(DIMETHYLAMINO)PROPYL)- * 5,6-DIHYDRO-N-(3-(DIMETHYLAMINO)PROPYL)-11H-DIBENZ(b,e)AZEPINE * 1-(3-DIMETHYLAMINOPROPYL)-4,5-DIHYDRO-2,3,6,7-DIBENZAZEPINE * 5-(3-(DIMETHYLAMINO)PROPYL)-10,11-DIHYDRO 5H-DIBENZ(b,f)AZEPINE * 5-(3-DIMETHYLAMINOPROPYL)-10,11-DIHYDRO-5H-DIBENZO(b,f)AZEPINE * 2,2'-(3-DIMETHYLAMINOPROPYLIMINO)DIBENZYL * N-(gamma-DIMETHYLAMINOPROPYL)IMINODIBENZYL * 2,2'-(3-DIMETHYLAMINOPROPYLIMINO)BIBENZYL * DIMIPRESSIN * DPID * DYNAPRIN * DYNAZINA * EUPRAMIN * G 22355 * tin * IMIDOBENZYLE * IMIPRAMINA (Italian) * IMIPRAMINE * IMIPRIN * IMIZIN * IMIZINE * IMIZINUM * IMPRAMINE * INTALPRAM * IRAME * IRMIN * MELIPRAMIN * MELIPRAMINE * MELIPRAMIN * PRAZEPINE * PROMIBEN * SURPLIX * TIMOLET * TOFRANIL

MUTATION DATA AND REFERENCES:
dni-oin-unk 10 gm/L JCLBA3 47,182a,70
cyt-oin-unk 10 gm/L JCLBA3 47,182a,70

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:75 mg/kg (9-14D preg) OYYAA2 4,855,70
2T26T76 orl-rat TDLo:600 mg/kg (60D male/60D pre) ARZNAD 15,1218,65
3T81T85T86 orl-rat TDLo:378 mg/kg (21D post) PSCHDL 56,93,78
3T71T72T76 orl-rat TDLo:165 mg/kg (14D pre/1-19D preg) PBBHAU 3,799,75
1T85 orl-rat TDLo:40 mg/kg (14-21D preg) PSCHDL 44,253,75
1T83 scu-rat TDLo:40 mg/kg (18-21D preg) ADSBBW 8,171,72
1T81 orl-mus TDLo:175 mg/kg (7-13D preg) OYYAA2 4,855,70
1T35 ipc-mus TDLo:80 ug/kg (11D preg) 40YJAX -,207,76
1T39 ipc-mus TDLo:80 ug/kg (15D preg) 40YJAX -,207,76
3T24T25T46 orl-rbt TDLo:390 mg/kg (6-18D preg) IYKEDH 7,195,76
1T35 scu-rbt TDLo:55 mg/kg (6-16D preg) ARZNAD 15,1218,65
3T41T43T46 scu-rbt TDLo:255 mg/kg (1-17D preg) LANCAO 1,638,63

TOXICITY DATA AND REFERENCES:
1J30 orl-wmn LDLo:2 mg/kg/1D JPPMAB 16,265,64
3F08F17F24 orl-man LD50:30 mg/kg HEPHD2 55,527,80
3F08F17F24 orl-chd LD50:40 mg/kg HEPHD2 55,527,80
3F07F24K13 orl-wmn TDLo:50 mg/kg CMAJAX 81,23,39
3F07F17F19 orl-chd TDLo:30 mg/kg AJDCAI 130,507,76
orl-chd LDLo:35 mg/kg SMWOAS 99,1157,69
orl-hmn LDLo:450 mg/kg BMJOAE 1,721,78
3D28F17U26 orl-rat LD50:250 mg/kg PCJOAU 14,773,80
ipr-rat LD50:79 mg/kg AIPTAK 148,560,64
scu-rat LD50:250 mg/kg AIPTAK 148,560,64
ivn-rat LD50:22 mg/kg ARZNAD 19,1617,69
3D28F17U26 orl-mus LD50:188 mg/kg PCJOAU 14,773,80
3E16F03F17 ipr-mus LD50:100 mg/kg AIPTAK 245,283,80
2F03U25 scu-mus LD50:195 ug/kg PCJOAU 15,412,81
3E16F03F17 ivn-mus LD50:21 mg/kg AIPTAK 245,283,80
1E15 unk-mus LD50:107 mg/kg JMCMAR 10,418,67
orl-dog LDLo:100 mg/kg 27ZQAG -,78,72
3C08F12J25 ivn-dog LDLo:45 mg/kg BCFAA1 112,601,73
orl-cat LDLo:100 mg/kg ZPPLBF 114,787,75
orl-rbt LD50:385 mg/kg AENNAD 19,1617,69
ivn-rbt LD50:18 mg/kg AIPTAK 120,450,59
1F02 orl-man LD50:350 mg/kg JMCMAR 8,836,65

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DICPBB 8(12),690,74; CRTXB2 1(11),93,71; CLCHAU 19,361,73; ARVPAX 5,447,65; ADVPA3 4,263,66; FNSCA6 2,67,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO1700000 5H-DIBENZ(b,f)AZEPINE, 5-(3-(DIMETHYLAMINO)PROPYL)-10,11-DIHYDRO-, and 2-((p-CHLOROBENZYL) (2-(DIMETHYLAMINO)ETHYL)AMINO)PYRIDINE (1:1)
UPDT:8407 MW: 570.29 MOLFM: C19-H24-N2 C16-H20-Cl-N3
SYN: CHLOROPYRAMINE and IMIPRAMINE (1:1) * IMIPRAMINE and CHLOROPYRAMINE (1:1)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T43 orl-wmn TDLo:108 mg/kg (1-90D preg) LANCAO 2,282,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO1925000 5H-DIBENZ(b,f)AZEPINE, 5-(3-(DIMETHYLAMINO)PROPYL)-10,11-DIHYDRO-, MONOHYDROCHLORIDE
UPDT:8409 CAS: 113-52-0 MW: 316.91 MOLFM: C19-H24-N2 Cl-H
SYN: BERKOMINE * CHRYTEMIN * DEPRINOL * 5H-DIBENZ(b,f)AZEPINE, 10,11-DIHYDRO-5-(3-(DIMETHYLAMINO)PROPYL)-, HYDROCHLORIDE * 5-(3-DIMETHYLAMINOPROPYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE * N-(gamma-DIMETHYLAMINOPROPYL)IMINODIBENZYL HYDROCHLORIDE * N-(3-DIMETHYLAMINOPROPYL)IMINODIBENZYL HYDROCHLORIDE * N-(gamma-DIMETILAMINOPROPIL)-IMINODIBENZILE CLORIDRATO (Italian) * DIMIPRESSIN * DYNAZINA * EFURANOL * FERNALMIN * G 22150 * G 22355 * IMAVATE * IMIDOL * IMILANYLE * IMIPRAMINE HYDROCHLORIDE * IMIPRIN * IMP HYDROCHLORIDE * IPROGEN * IRAME * JANIMINE * MELIPRAMIN HYDROCHLORIDE * MELIPRAMIN * MELIPRAMINE HYDROCHLORIDE * PERTOFRAM * PRESAMINE * PRYLEUGAN * SK-PRAMINE * TOFRANIL

MUTATION DATA AND REFERENCES:
dni-oin-unk 10 gm/L JCLBA3 47,182a,70
cyt-oin-unk 10 gm/L JCLBA3 47,182a,70

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-rat TDLo:285 mg/kg (14D pre-21D post) PSYPAG 41,237,75
1T24 orl-rat TDLo:200 mg/kg (7-16D preg) ARZNAD 15,1222,65
1T34 orl-rat TDLo:800 mg/kg (1-16D preg) ARZNAD 15,1222,65
1T25 orl-rat TDLo:1 gm/kg (7-16D preg) ARZNAD 15,1222,65
2T71T72 orl-rat TDLo:180 mg/kg (14D pre/1-22D preg) PSYPAG 41,237,75
3T71T72T76 ipr-rat TDLo:225 mg/kg (23D pre/1-22D preg) PSYPAG 32,337,73
3T71T75T81 orl-mus TDLo:9700 mg/kg (75D pre/1-22D preg) RCOCB8 19,311,78
1T76 orl-mus TDLo:9200 mg/kg (10W pre/1-22D preg) RCOCB8 19,311,78
3T35T34T41 scu-mus TDLo:125 mg/kg (9D preg) DGDFA5 22,61,80
2T86T75 scu-rbt TDLo:165 mg/kg (3-18D preg) APTOA6 20,186,63
3T41T45T46 ipr-ham TDLo:35 mg/kg (8D preg) RCPBDC 5,275,80

TOXICITY DATA AND REFERENCES:
orl-chd LDLo:15 mg/kg BMJOAE 1,261,74
3F07F23M30 orl-chd TDLo:27 mg/kg JAMAAP 230,1405,74
orl-rat LD50:305 mg/kg TXAPA9 18,185,71
* ipr-rat LD50:79 mg/kg FRPPAO 25,519,70
* scu-rat LD50:250 mg/kg FRPPAO 25,519,70
* ivn-rat LD50:22 mg/kg FRPPAO 25,519,70
1F03 orl-mus LD50:352 mg/kg ARZNAD 33,1411,83
ipr-mus LD50:116 mg/kg TXAPA9 28,227,74
* scu-mus LD50:189 mg/kg FRPPAO 25,519,70
ivn-mus LD50:36 mg/kg AIPTAK 144,681,63
* ivn-rbt LD50:18 mg/kg BCFAA1 98,554,59
* scu-gpg LD50:190 mg/kg AIPTAK 137,375,62

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDPYAK 2,209,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO2275000 5H-DIBENZ(b,f)AZEPINE, 5-(3-DIMETHYLAMINO)PROPYL)-10,11-DIHYDRO-, 5-OXIDE, MONOHYDROCHLORIDE
UPDT:8403 CAS: 19864-71-2 MW: 332.91 MOLFM: C19-H24-N2-O Cl-H
SYN: IMIPRAMINE-N-OXIDE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 scu-rbt TDLo:240 mg/kg (3-18D preg) APTOA6 20,186,63

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:90 mg/kg MEIEDD 10,716,83
* ipr-mus LD50:150 mg/kg MEIEDD 10,716,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO2510000 5H-DIBENZ(b,f)AZEPINE, 10-(3-(DIMETHYLAMINO)PROPYL)-5-METHYL-, OXALATE
UPDT:8303 MW: 396.51 MOLFM: C20-H24-N2 C2-H2-O4
SYN: 10-(3-(DIMETHYLAMINO)PROPYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE OXALATE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg EJMCA5 17,371,82

HO2550000 5H-DIBENZ(b,f)AZEPINE-5-ETHANAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-2-((4-METHYL-1-PIPERAZINYL) METHYL)-
UPDT:8311 CAS: 64097-66-9 MW: 378.62 MOLFM: C24-H34-N4

TOXICITY DATA AND REFERENCES:
3D28F13F19 orl-mus LD50:500 mg/kg EJMCA5 12,219,77

HO2551000 5H-DIBENZ(b,f)AZEPINE-5-ETHANAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-2-(1-PIPERIDINYLMETHYL)-
UPDT:8311 CAS: 64097-62-7 MW: 363.60 MOLFM: C24-H33-N3
SYN: 10,11-DIHYDRO-N,N-DIMETHYL-2-(1-PIPERIDINYLMETHYL)-5H-DIBENZ(b,f)AZEPINE-5-ETHANAMINE

TOXICITY DATA AND REFERENCES:
3D28F13F19 orl-mus LD50:475 mg/kg EJMCA5 12,219,77

HO2580000 5H-DIBENZ(b,f)AZEPINE, 8-(ETHYLSULFONYL)-10-(2-(METHYLAMINO)ETHYL)-5-METHYL-
UPDT:8303 MW: 356.52 MOLFM: C20-H24-N2-O2-S
SYN: 8-(ETHYLSULFONYL)-10-(2-(METHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg EJMCA5 17,371,82

HO2583000 5H-DIBENZ(b,f)AZEPINE, 8-(ETHYLTHIO)-10-(2-(METHYLAMINO)ETHYL)-5-METHYL-, FUMARATE
UPDT:8303 MW: 440.60 MOLFM: C20-H24-N2-S C4-H4-O4

BEST COPY AVAILABLE

SYN: 8-(ETHYLTHIO)-10-[2-(METHYLAMINO)ETHYL]-5-METHYL-5H-DIBENZ[b,f]AZEPINE FUMARATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg EJMCA5 17,371,82

HO2625000 5H-DIBENZ[b,f]AZEPINE, 5-[3-(4-(2-HYDROXYETHYL)-1-DIAZEPINYL)PROPYL]-, FUMARATE
UPDT:8407 MW: 469.62 MOLFM: C24-H27-N3-O C4-H4-O4
SYN: HOMOPIRAMOL FUMARATE * 5-[3-(4-(2-HYDROXYETHYL)-1-DIAZEPINYL)PROPYL]-5H-DIBENZ[b,f]AZEPINE FUMARATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2410 mg/kg 27ZQAG -,76,72
ipr-rat LD50:104 mg/kg 27ZQAG -,76,72
orl-mus LD50:535 mg/kg 27ZQAG -,76,72
ipr-mus LD50:156 mg/kg 27ZQAG -,76,72
scu-mus LD50:660 mg/kg 27ZQAG -,76,72
ivn-mus LD50:46 mg/kg 27ZQAG -,76,72

5H-DIBENZ[b,f]AZEPINE, 5-[3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL]- see: TL8750000

HO2833000 5H-DIBENZ[b,f]AZEPINE, 10-[2-(METHYLAMINO)ETHYL]-5-METHYL-, HYDROCHLORIDE
UPDT:8303 MW: 300.86 MOLFM: C18-H20-N2 Cl-H
SYN: DIMETHYL-N,5 5H-DIBENZ[b,f]AZEPINE-10-ETHANAMINE (French) * 10-[2-(METHYLAMINO)ETHYL]-5-METHYL-5H-DIBENZ[b,f]AZEPINE HYDROCHLORIDE * RU 5031
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:200 mg/kg EJMCA5 17,371,82
* ipr-mus LD50:75 mg/kg EJMCA5 17,371,82

HO2840000 11H-DIBENZ[b,e]AZEPINE, 6-(4-METHYL-1-PIPERAZINYL)-
UPDT:8405 CAS: 1977-11-3 MW: 291.43 MOLFM: C19-H21-N3
SYN: A.W. 14 2333 * HF 2333 * HYPNODIN * 6-(4-METHYL 1-PIPERAZINYL)-11H-DIBENZ[b,e]AZEPINE * 6-(4-METHYL-1-PIPERAZINYL)MORPHANTHRIDINE * MORPHANTHRIDINE, 6-(4-METHYL-1-PIPERAZINYL)- * MP 11 * PERLAPINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:660 mg/kg IYKEDH 4,193,73
* scu-rat LD50:420 mg/kg IYKEDH 4,193,73
* ivn-rat LD50:60 mg/kg IYKEDH 4,193,73
* orl-mus LD50:270 mg/kg NIIRDN 6,770,82
* scu-mus LD50:250 mg/kg IYKEDH 4,193,73
* ivn-mus LD50:61 mg/kg IYKEDH 4,193,73

5H-DIBENZ[b,f]AZEPINE-5-PROPANAMINE, 3-CHLORO-10,11-DIHYDRO-N,N-DIMETHYL-, MONOHYDROCHLORIDE see: HN9055000

HO2890000 5H-DIBENZ[b,f]AZEPINE-5-PROPANAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-2-((4-METHYL-1-PIPERAZINYL) METHYL)-
UPDT:8311 CAS: 64097-65-0 MW: 392.63 MOLFM: C25-H36-N4
TOXICITY DATA AND REFERENCES:
3D28F13F19 orl-mus LD50:240 mg/kg EJMCA5 12,219,77

HO2890100 5H-DIBENZ[b,f]AZEPINE-5-PROPANAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-2-(1-PIPERIDINYLMETHYL)-
UPDT:8311 CAS: 64097-63-8 MW: 377.63 MOLFM: C25-H35-N3
SYN: 10,11-DIHYDRO-N,N-DIMETHYL-2-(1-PIPERIDINYLMETHYL)-5H-DIBENZ[b,f]AZEPINE-5-PROPANAMINE
TOXICITY DATA AND REFERENCES:
3D28F13F19 orl-mus LD50:240 mg/kg EJMCA5 12,219,77

4-(3-(5H-DIBENZ[b,f]AZEPIN-5-YL)PROPYL-1-PIPERAZINEETHANOL see: TL8750000
3,4,5,6-DIBENZCARBAZOL see: HO5600000
1,2,5,6-DIBENZCARBAZOLE see: HO5250000
1,2,7,8-DIBENZCARBAZOLE see: HO5425000
3,4,5,6-DIBENZCARBAZOLE see: HO5600000
DIBENZENECHROMIUM see: GB5850000
DIBENZENECHROMIUM IODIDE see: GB5900000
DIBENZEPINE HYDROCHLORIDE see: HP2625000
DIBENZEPIN HYDROCHLORIDE see: HP2625000
1,2,3,4-DIBENZFLUORENE see: NK9100000
1,2,7,8-DIBENZFLUORENE see: HP4025000

HO4725000 DIBENZ(c,f)INDENO(1,2,3-ij)(2,7)NAPHTHYRIDINE
UPDT:8401 CAS: 193-40-8 MW: 304.36 MOLFM: C22-H12-N2
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:1200 mg/kg/52W-I BJCAAI 17,266,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2,3,4-DIBENZNAPHTHALENE see: YK2925000

HO4750000 DIBENZO(a,e)ACEANTHRYLENE-1,2-DIOL, 1,2-DIHYDRO-, (E)-
UPDT:8408 MW: 336.40 MOLFM: C24-H16-O2
SYN: trans-BENZ(a,e)FLUORANTHENE-12,13-DIHYDRODIOL * trans-12,13-DIHYDRO-12,13-DIHYDROXYDIBENZO(a,e)FLUORANTHENE
MUTATION DATA AND REFERENCES:
dns-mus:emb 1 umol/L CRNGDP 5,379,84
dnd-man:lym 297 nmol CRNGDP 4,27,83

HO4750500 DIBENZO(a,e)ACEANTHRYLENE-10,11-DIOL, 10,11-DIHYDRO-, (E)-
UPDT:8408 MW: 336.40 MOLFM: C24-H16-O2
SYN: trans-BENZ(a,e)FLUOROANTHENE-3,4-DIHYDRODIOL * trans-3,4-DIHYDRO-3,4-DIHYDROXYDIBENZO(a,e)FLUORANTHENE
MUTATION DATA AND REFERENCES:
dns-mus:emb 1 umol/L CRNGDP 5,379,84
dnd-man:lym 208 nmol CRNGDP 4,27,83

HO4760000 DIBENZO(a,e)ACEANTHRYLENE-1,2-DIOL, 1,2,3,4-TETRAHYDRO-3,4-EPOXY-
UPDT:8310 MW: 352.40 MOLFM: C24-H16-O3
SYN: 12,13-DIHYDROXY-10,11-OXY-10,11,12,13-TETRAHYDRODIBENZO(a,e)FLUORANTHENE
MUTATION DATA AND REFERENCES:
dnd-man:lym 178 nmol CRNGDP 4,27,83

HO4760500 DIBENZO(a,e)ACEANTHRYLENE-10,11-DIOL, 10,11,12,13-TETRAHYDRO-12,13-EPOXY-
UPDT:8310 MW: 352.40 MOLFM: C24-H16-O3
SYN: 3,4-DIHYDROXY-1,2-OXY-1,2,3,4-TETRAHYDRODIBENZO(a,e)FLUORANTHENE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 241 nmol CRNGDP 4,27,83

DIBENZO(a,j)ACRIDINE see: HN1050000
1,2,5,6-DIBENZOACRIDINE see: HN0875000
DIBENZO(a,c)ANTHRACENE see: DM1925000
DIBENZO(a,h)ANTHRACENE see: HN2625000
DIBENZO(a,j)ANTHRACENE see: HN2800000
1,2,3,4-DIBENZOANTHRACENE see: DM1925000
1,2,5,6-DIBENZOANTHRACENE see: HN2625000
DIBENZO-1,2,7,8-ANTHRACENE see: HN2800000
DIBENZOAZEPINE see: HQ4025000

HO4990000 DIBENZO(a,g)BIPHENYLENE-3,9-DIOL, 5,6,6a-alpha,6b-beta,11,12,12a-beta,12b-alpha-OCTAHYDRO-
UPDT:8401 MW: 292.40 MOLFM: C20-H20-O2
SYN: 3,9-DIHYDROXY-5,6,6a-alpha,6b-beta,11,12,12a-beta,12b-alpha-OCTAHYDRODIBENZO(a,g)BIPHENYLENE * 5,6,6a-alpha,6b-beta,11,12,12a-beta,12b-alpha-OCTAHYDRODIBENZO(a,g)BIPHENYLENE-3,9-DIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:250 ug/kg (1-5D preg) JMCMAR 23,1410,80
1T13 orl-rat TDLo:5 ug/kg (3D pre) JMCMAR 23,1410,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO5100000 DIBENZO(c,g)CARBAZOLE
UPDT:8411 CAS: 28641-62-5 MW: 267.34 MOLFM: C20-H13-N
MUTATION DATA AND REFERENCES:
dnd-mam:lym 5 nmol/L PAACA3 25,86,84

3,4,5,6-DIBENZOCARBAZOLE see: HO5600000

HO5250000 7H-DIBENZO(a,g)CARBAZOLE
UPDT:8401 CAS: 207-84-1 MW: 267.34 MOLFM: C20-H13-N
SYN: 1,2,5,6-DIBENZCARBAZOLE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:275 mg/kg/23W-I PRLBA4 122,429,37
3V03J60R60 skn-mus TD :900 mg/kg/38W-I PRLBA4 131,170,42
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO5425000 7H-DIBENZO(a,i)CARBAZOLE
UPDT:8401 CAS: 239-64-5 MW: 267.34 MOLFM: C20-H13-N
SYN: 1,2,7,8-DIBENZCARBAZOLE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:515 mg/kg/43W-I PRLBA4 122,429,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO5600000 7H-DIBENZO(c,g)CARBAZOLE
UPDT:8403 CAS: 194-59-2 MW: 267.34 MOLFM: C20-H13-N
SYN: 7-AZA-7H-DIBENZO(c,g)FLUORENE * 3,4,5,6-DIBENZCARBAZOLE * 3,4,5,6-DIBENZOCARBAZOLE * 3,4,5,6-DIBENZOCARBAZOLE * 3,4,5,6-DINAPHTHACARBAZOLE * 7H-DIBENZ[c,g]C
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:150 mg/kg/17W-I PRLBA4 122,429,37
3V03K60L60 orl-mus TDLo:280 mg/kg/32W-I BJCAAI 4,203,50
3V03L60R60 skn-mus TDLo:90 mg/kg/23W-I PRLBA4 122,429,37
2V03V10 ipr-mus TDLo:13 mg/kg BIJOAK 32,1460,38
3V03K60L60 orl-mus TDLo:280 mg/kg/32W-I BJCAAI 4,203,50
2V03J60 ivn-mus TDLo:10 mg/kg JNCIAM 1,225,40
2V03V10 imp-mus TDLo:40 mg/kg BJCAAI 6,412,52
2V03M60 imp-dog TDLo:65 mg/kg/52W-I JPBAA7 68,561,54
3V02J60J61 itr-ham TDLo:72 mg/kg/18W-I JTEHD6 3,935,77
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:13 mg/kg BIJOAK 32,1460,38
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,260,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 32,315,83
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO5700000 7H-DIBENZO(a,g)CARBAZOLE, 12,13-DIHYDRO-
UPDT:8401 CAS: 63077-00-9 MW: 269.36 MOLFM: C20-H15-N
SYN: 3,4-DIHYDRO-1,2,5,6-DIBENZCARBAZOLE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/9W-I BAFEAG 42,3,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO5760000 7H-DIBENZO(c,g)CARBAZOLE, N-METHYL-
UPDT:8401 CAS: 27093-62-5 MW: 281.37 MOLFM: C21-H15-N
SYN: N-METHYL-3,4,5,6-DIBENZCARBAZOLE * N-METHYL-7H-DIBENZO(c,g)CARBAZOLE
TUMORIGENIC DATA AND REFERENCES:
3V03L60R60 skn-mus TDLo:1350 mg/kg/33W-C BJEPA5 27,179,46
2V03V10 scu-mus TDLo:24 mg/kg/4W-I BJEPA5 27,179,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO5775000 DIBENZO[b,def]CHRYSENE
UPDT:8403 CAS: 189-64-0 MW: 302.38 MOLFM: C24-H14
SYN: DB(a,h)P * DIBENZO(a,h)PYRENE * 1,2,6,7-DIBENZOPYRENE * 3,4,8,9-DIBENZOPYRENE * 3,4,8,9-DIBENZPYRENE
MUTATION DATA AND REFERENCES:
mma-sat 12500 pmol/plate CNREA8 41,2589,81
msc-ham:lng 30 ug/L CNREA8 42,1646,82
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:100 mg/kg NEOLA4 26,23,79
3V01R60V10 skn-mus TDLo:287 mg/kg/30W-I ZKKOBW 89,113,77
3V03J60L60 scu-mus TDLo:72 mg/kg/9W-I COREAF 246,1477,58
3V03R60V10 skn-mus TD :330 mg/kg/15W AVBNAN 56,39,39
3V03J60R60 skn-mus TD :700 mg/kg/42W-I PRLBA4 129,439,40
3V03R60V10 skn-mus TD :1060 mg/kg/44W-I PRLBA4 123,343,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,207,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 32,331,83
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO5900000 DIBENZO(def,mno)CHRYSENE
UPDT:8408 CAS: 191-26-4 MW: 276.34 MOLFM: C22-H12
SYN: ANTHANTHREN (German) * ANTHANTHRENE * ANTHRANTHRENE * DIBENZO(cd,jk)PYRENE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,311,78
dnd-mam:lym 30 umol/L CBINA8 47,87,83
TUMORIGENIC DATA AND REFERENCES:
3V01J60V10 imp-rat TDLo:4150 ug/kg JJIND8 71,539,83
3V01R60V10 skn-mus TDLo:263 mg/kg/30W-I ZKKOBW 89,113,77
2V03J60 skn-mus TD :2100 mg/kg/88W-I PRLBA4 129,439,40
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 32,95,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO6125000 DIBENZO(def,p)CHRYSENE
UPDT:8403 CAS: 191-30-0 MW: 302.38 MOLFM: C24-H14
SYN: BA 51-090462 * DB(a,l)P * DIBENZO(a,d)PYRENE * DIBENZO(a,l)PYRENE * 1,2,3,4-DIBENZOPYRENE * 1,2,9,10-DIBENZOPYRENE * 2,3,4,5-DIBENZOPYRENE * 1,2,3,4-DIBENZPYRENE * 4,5,6,7-DIBENZPYRENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:890 mg/kg/37W-I PRLBA4 123,343,37
2V03V10 scu-mus TDLo:48 mg/kg/4W-I NATWAY 55,43,68
2V03V10 scu-mus TD :72 mg/kg/9W-I COREAF 258,3387,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,224,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 32,343,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H06300000 DIBEN₄O(b,def)CHRYSENE-7-CARBOXALDEHYDE
UPDT:8401 CAS: 63040-54-0 MW: 330.35 MOLFM: C25-H14-O
SYN: 5-FORMYL-3,4:8,9 DIBENZOPYRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 252,1711,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H06650000 DIBENZO(def,mno)CHRYSENE-12-CARBOXALDEHYDE
UPDT:8401 CAS: 63040-55-1 MW: 330.39 MOLFM: C25-H14-O
SYN: 6-FORMYLANTHANTHRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 252,1711,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H06660000 DIBENZO(def,p)CHRYSENE-10-CARBOXALDEHYDE
UPDT:8401 CAS: 2869-59-2 MW: 330.39 MOLFM: C25-H14-O
SYN: 5-FORMYL-1,2:3,4-DIBENZOPYRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 259,3899,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H06825000 DIBENZO(b,def)CHRYSENE-7-CARBOXALDEHYDE 14-METHYL-
UPDT:8401 CAS: 63040-57-3 MW: 344.42 MOLFM: C26-H16-O
SYN: 5-FORMYL 10-METHYL 3,4:8,9 DIBENZOPYRENE * 14-METHYLDIBENZO(b,def)CHRYSENE-7-CARBOXALDEHYDE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 252,1711,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H07000000 DIBENZO(def,mno)CHRYSENE-12-CARBOXALDEHYDE, 6-METHYL-
UPDT:8401 CAS: 63040-58-4 MW: 344.42 MOLFM: C26-H16-O
SYN: 6-FORMYL-12-METHYLANTHANTHRENE * 6-METHYLDIBENZO(def,mno)CHRYSENE-12-CARBOXALDEHYDE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 252,1711,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H07003500 DIBENZO(a,def)CHRYSENE, 5,8-DIHYDRO-
UPDT:8303 MW: 304.40 MOLFM: C24-H16
SYN: 5,8-DIHYDRODIBENZO(a,def)CHRYSENE * 5,8-DIHYDRO-3,4:9,10-DIBENZOPYRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 251,1322,60

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H07004200 DIBENZO(b,def)CHRYSENE, 7,14-DIHYDRO-
UPDT:8303 MW: 304.40 MOLFM: C24-H16
SYN: 7,14-DIHYDRODIBENZO(b,def)CHRYSENE * 5,10-DIHYDRO-3,4:8,9-DIBENZOPYRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 251,1322,60

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H07005000 DIBENZO(def,mno)CHRYSENE, 4,5-DIHYDRO-
UPDT:8401 CAS: 35281-32-4 MW: 280.38 MOLFM: C22-H16
SYN: 4,5-DIHYDROANTHANTHRENE * 4,5-DIHYDRODIBENZO(def,mno)CHRYSENE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,311,78

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

H07010000 BIBENZO(def,mno)CHRYSENE, 6,12-DIMETHYL-
UPDT:8405 CAS: 41217-05-4 MW: 304.40 MOLFM: C24-H16
SYN: 6,12-DIMETHYLANTHANTHRENE

MUTATION DATA AND REFERENCES:
dnd-mam:lym 30 umol/L CBINA8 47,87,83

TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 scu-mus TDLo:72 mg/kg/9W-I COREAF 246,1477,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H07030000 DIBENZO(b,def)CHRYSENE-7,14-DIONE
UPDT:8412 CAS: 128-66-5 MW: 332.36 MOLFM: C24-H12-O2
SYN: AMCOVAT PRINTING GOLDEN YELLOW * AMANTHRENE GOLDEN YELLOW * ANTHRAVAT GOLDEN YELLOW * ARLANTHRENE GOLDEN YELLOW * BENZADONE GOLDEN YELLOW * CALCOLOID GOLDEN YELLOW * CALEDON GOLDEN YELLOW * CALEDON PRINTING YELLOW * CARBANTHRENE GOLDEN YELLOW * C.I. 59100 * CIBANONE GOLDEN YELLOW * C.I. VAT YELLOW * C.I. VAT YELLOW 4 * DIBENZO(a,h)PYRENE-7,14-DIONE * 2,3,7,8-DIBENZOPYRENE-1,6-QUINONE * 1',2',6,7'-DIBENZPYRENE-7,14-QUINONE * FEMANTHREN GOLDEN YELLOW * GOLDEN YELLOW * HELANTHRENE YELLOW * HOSTAVAT GOLDEN YELLOW * INDANTHRENE GOLDEN YELLOW * INDANTHREN GOLDEN YELLOW * INDANTHREN PRINTING YELLOW * LEUCOSOL GOLDEN YELLOW * MAYVAT GOLDEN YELLOW * MIKETHRENE GOLD YELLOW * NCI-C03565 * NIHONTHRENE GOLDEN YELLOW * NYANTHRENE GOLDEN YELLOW * PALANTHRENE GOLDEN YELLOW * PARADONE GOLDEN YELLOW * PHARMANTHRENE GOLDEN YELLOW * ROMANTRENE GOLDEN YELLOW * SANDOTHRENE GOLDEN YELLOW * SANDOTHRENE PRINTING YELLOW * SOLANTHRENE BRILLIANT YELLOW * TINON GOLDEN YELLOW * TYRION YELLOW * VAT GOLDEN YELLOW * YELLOW

TUMORIGENIC DATA AND REFERENCES:
2V01P62 orl-mus TDLo:7420 gm/kg/2Y-C NCITR* NCI-CG-TR-134,79
2V03P62 orl-mus TD :2225 gm/kg/106W-C NCITR* NCI-CG-TR-134,79

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-134,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-134,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H07050000 DIBENZO(def,mno)CHRYSENE, 1,2,3,7,8,9-HEXAHYDRO-
UPDT:8401 CAS: 35281-34-6 MW: 284.42 MOLFM: C22-H20
SYN: 1,2,3,7,8,9-HEXAHYDRODIBENZO(def,mno)CHRYSENE * 1,2,3,7,8,9-HEXAHYDROANTHANTHRENE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,311,78

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

H07070000 DIBENZO(b,def)CHRYSENE, 5-METHYL-
UPDT:8401 CAS: 32942-87-9 MW: 316.41 MOLFM: C25-H16
SYN: 5-METHYL 3,4:8,9-DIBENZOPYRENE (French)

TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 scu-mus TDLo:72 mg/kg/9W-I COREAF 246,1477,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H07085000 DIBENZO(def,mno)CHRYSENE, 12-METHYL-
UPDT:8401 CAS: 31927-64-7 MW: 290.37 MOLFM: C23-H14
SYN: 6-METHYLANTHANTHRENE

TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 scu-mus TDLo:72 mg/kg/9W-I COREAF 246,1477,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H07100000 DIBENZO(def,p)CHRYSENE, 8-METHYL-
UPDT:8401 CAS: 63041-95-2 MW: 316.41 MOLFM: C25-H16
SYN: 7-METHYL 1,2:3,4-DIBENZOPYRENE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:980 mg/kg/41W-I PRLBA4 123,343,37

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H07175000 DIBENZO(def,p)CHRYSENE, 10-METHYL-
UPDT:8401 CAS: 2869-60-5 MW: 316.41 MOLFM: C25-H16
SYN: 5-METHYL 1,2:3,4-DIBENZOPYRENE * 10-METHYLDIBENZO(def,p)CHRYSENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 259,3899,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H07282000 DIBENZO(g,p)CHRYSENE, 3,6,11,14-TETRAMETHOXY-
UPDT:8401 CAS: 60223-52-1 MW: 448.54 MOLFM: C30-H24-O4
SYN: 3,6,11,14-TETRAMETHOXYDIBENZO(g,p)CHRYSENE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 40,225,76

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

DIBENZO(a,d)CYCLOHEPTADIENE-5-CARBOXAMIDE see: HO7878000

DIBENZO(a,d)(1,4)-CYCLOHEPTADIENE-5-CARBOXAMIDE see: HO7878000

4-(5-DIBENZO(a,e)CYCLOHEPTATRIENYLIDENE)PIPERIDINE HYDROCHLORIDE see: TI47050000

H07878000 5H-DIBENZO(a,d)CYCLOHEPTENE-5-CARBOXAMIDE, 10,11-DIHYDRO-
UPDT:8405 CAS: 7199-29-8 MW: 237.32 MOLFM: C16-H15-N-O
SYN: AY 8682 * BS 7829 * CYHEPTAMIDE * CYHEPTAMINE * DIBENZO(a,d)CYCLOHEPTADIENE 5-CARBOXAMIDE * DIBENZO(a,d)(1,4) CYCLOHEPTADIENE 5-CARBOXAMIDE * 10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE 5-CARBOXAMIDE * ICI 51426

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2400 mg/kg 27ZQAG -,68,72
ipr-rat LD50:2000 mg/kg 27ZQAG -,68,72
orl-mus LD50:1830 mg/kg 27ZQAG -,68,72
ipr-mus LD50:630 mg/kg JMCMAR 7,88,64

H07960000 5H-DIBENZO(a,d)CYCLOHEPTENE-5-CARBOXYLIC ACID, 10,11-DIHYDRO-, 3-QUINUCLIDINYL ESTER, (+-)-
UPDT:8406 CAS: 87395-65-1 MW: 347.49 MOLFM: C23-H25-N-O2
SYN: (+-)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE-5-CARBOXYLIC ACID 3-QUINUCLIDINYL ESTER

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:38 mg/kg JMCMAR 26,1772,83

H08887000 5H-DIBENZO(a,d)CYCLOHEPTENE-5-PROPANAMINE, 10-11-DIHYDRO-N,N,beta-TRIMETHYL-, (+-)-
UPDT:8303 CAS: 35941-65-2 MW: 293.49 MOLFM: C21-H27-N
SYN: BUTRIPTYLINE * d,l-10,11-DIHYDRO-N,N,beta-TRIMETHYL 5H-DIBENZO(a,d)-CYCLOHEPTENE 5-PROPYLAMINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:75 mg/kg (4-18D preg) JNMDBO 2,271,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5H-DIBENZO(a,d)CYCLOHEPTENE-5-PROPANAMINE, 10,11-DIHYDRO-N,N,beta-TRIMETHYL-, HCl, (+-)- see: HP0350000

H08925000 5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5),gamma-PROPYLAMINE, 3-CHLORO-10,11-DIHYDRO-N,N- DIMETHYL-, MONOHYDROCHLORIDE
UPDT:8310 CAS: 2047-30-5 MW: 348.34 MOLFM: C20-H22-Cl-N Cl-H
SYN: CHLORDANITRIPTYLINE HYDROCHLORIDE * CHLORPROHEPTADIEN * CHLORPROHEPTADIENE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:210 mg/kg AIPTAK 144,481,63
ivn-mus LD50:43 mg/kg AIPTAK 144,481,63

H09275000 5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5),gamma-PROPYLAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-
UPDT:8411 CAS: 50-48-6 MW: 277.44 MOLFM: C20-H23-N
SYN: AMITRIPTYLIN (German) * AMITRIPTYLINE * AMITRIPTYLINE * DAMILAN * 3-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-N,N-DIMETHYL-1-PROPANAMINE * 10,11-DIHYDRO-5-(gamma-DIMETHYLAMINOPROPYLIDENE)-5H-DIBENZO(a,d)CYCLOHEPTENE * 10,11-DIHYDRO-N,N-DIMETHYL-5H-DIBENZO(a,d)HEPTALENE delta(sup 5)gamma-PROPYLAMINE * 5-(3-DIMETHYLAMINOPROPYLIDENE)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTATRIENE * 5-(3-DIMETHYLAMINOPROPYLIDENE)-DIBENZO (a,d)(1,4)-CYCLOHEPTADIENE * 5-(3-DIMETHYLAMINOPROPYLIDENE)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE * 5-(gamma-DIMETHYLAMINOPROPYLIDENE)-10,11-DIHYDROCYCLOHEPTENE * 5-(gamma-DIMETHYLAMINOPROPYLIDENE)-5H-DIBENZO(a,d) 10,11 DIHYDROCYCLOHEPTENE * 5-(3-DIMETHYLPROPYLIDENE)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE * 5-(3-DIMETHYLPROPYLIDENE)DIBENZO(a,d)(1,4)CYCLOHEPTADIENE * ELANIL * ELAVIL * LAROXIL * LAROXYL * PROHEPTADIENE * TRYPTIZOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:75 mg/kg (4-18D preg) JNMDBO 2,271,71
2T25T59 orl-mus TDLo:504 mg/kg (6-14D preg) PSDTAP 10,235,69
1T26 orl-mus TDLo:252 mg/kg (6-14D preg) PSDTAP 10,235,69
2T59T81 orl-rbt TDLo:540 mg/kg (8-16D preg) PSDTAP 10,235,69

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:88 mg/kg CTOXAO 10,327,77
3F12G10F23 orl-inf TDLo:50 mg/kg AJDCAI 130,507,76
1F17 orl-hmn TDLo:90 mg/kg BMJOAE 2,97,77
2F07G10 unk-man TDLo:43 mg/kg/21D LANCAO 2,1202,72
unk-chd LDLo:50 mg/kg 32ZWAA 8,366,74
orl-rat LD50:320 mg/kg ARZNAD 15,863,65
ipr-rat LD50:100 mg/kg TXAPA9 24,37,73
orl-mus LD50:140 mg/kg THERAP 26,459,71
1F25 ipr-mus LD50:56 mg/kg ARZNAD 15,863,65
scu-mus LD50:140 mg/kg ARZNAD 19,458,69
ivn-mus LD50:16 mg/kg JMCMAR 17,65,74
1E15 unk-mus LD50:80 mg/kg JMCMAR 10,418,67
scu-dog LDLo:50 mg/kg PHMCAA 11,283,69
ims-dog LDLo:40 mg/kg ARZNAD 19,846,69
ivn-rbt LD50:8600 ug/kg ARZNAD 15,863,65

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, DICPB8 8(12),690,74; CLCHAU 19,361,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

H09450000 5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5),gamma-PROPYLAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8411 CAS: 549-18-8 MW: 313.90 MOLFM: C20-H23-N Cl-H
SYN: AMETID * AMITRIL * AMITRIPTYLINE CHLORIDE * AMITRIPTYLINE HYDROCHLORIDE * AMITRIPTYLINE HYDROCHLORIDE * DAMILEN HYDROCHLORIDE * DEPREX * DOMICAL * 10,11-DIHYDRO-N,N-DIMETHYL 5H-DIBENZO(a,d)-CYCLOHEPTENE delta(sup 5)gamma(-PROPYLAMINE HCl * 3-(3-DIMETHYLAMINOPROPYLIDENE)-1,2:4,5-DIBENZOCYCLOHEPTA-1,4-DIENE * 5-(3-DIMETHYLAMINOPROPYLIDENE)DIBENZO(a,d)(1,4)CYCLOHEPTADIENE HYDROCHLORIDE * ELAVIL * ELAVIL HYDROCHLORIDE * ENDEP * LENTIZOL * MIKETOBIN * PROHEPTADIEN MONOHYDROCHLORIDE * 1-PROPANAMINE, 3-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-N,N-DIMETHYL-, HCl * SABOTEN * SABOTENE * SK-AMITRIPTYLINE * TRYPTIZOL * TRYPTIZOL HYDROCHLORIDE

MUTATION DATA AND REFERENCES:
dn-dmg-orl 2 mg/2D SOGEBZ 11,718,75

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03	orl-rat TDLo:3300 mg/kg (33D male)	OYYAA2 6,899,72
11u2	orl-rat TDLo:1650 mg/kg (33D male)	OYYAA2 6,899,72
1T12	orl-rat TDLo:3300 mg/kg (33D pre)	OYYAA2 6,899,72
3T34T35T41	scu-mus TDLo:60 mg/kg (9D preg)	DGDFA5 22,61,80
1T43	scu-mus TDLo:60 mg/kg (9D preg)	DGDFA5 22,61,80
3T41T45T46	ipr-ham TDLo:60 mg/kg (8D preg)	RCPBDC 5,275,80
3T34T41T46	ipr-ham TDLo:70300 ug/kg (8D preg)	TJADAB 30,39,84
2T41T45	nar-ham TDLo:60 mg/kg (8D preg)	NRTXDN 3,83,82

TOXICITY DATA AND REFERENCES:

3F08F19G10	orl-chd TDLo:30 mg/kg	BMJOAE 1,261,74
3F07F23F24	orl-hmn TDLo:200 mg/kg	JAMAAP 230,1405,74
3F12F19J22	orl-rat LD50:240 mg/kg	OYYAA2 6,889,72
	ipr-rat LD50:72 mg/kg	27ZQAG -,61,72
	scu-rat LD50:1290 mg/kg	27ZQAG -,61,72
	ivn-rat LD50:14 mg/kg	27ZQAG -,61,72
*	orl-mus LD50:140 mg/kg	WNWOA4 111,256,61
	ipr-mus LD50:73 mg/kg	27ZQAG -,61,72
3F12F19J24	scu-mus LD50:80 mg/kg	OYYAA2 6,889,72
*	ivn-mus LD50:26 mg/kg	FRPPAO 25,519,70
	ivn-rbt LD50:9900 ug/kg	27ZQAG -,61,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDPYAK 2,209,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO9550000 5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5),gamma-PROPYLAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-N- OXIDE

UPDT:8407 CAS: 4317-14-0 MW: 293.44 MOLFM: C20-H23-N-O
SYN: AMBIVALON * AMITRIPTYLINE N-OXIDE * AMITRIPTYLINOXIDE * EQUILIBRIN * 1-PROPANAMINE, 3-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-N,N-DIMETHYL-N-OXIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T26T34	orl-rat TDLo:2500 mg/kg (6-15D preg)	ARZNAD 28,1898,78
3T25T26T34	unk-rat TDLo:2500 mg/kg (6-15D preg)	ARZNAD 28,1898,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1800 mg/kg	ARZNAD 28,1898,78
	ipr-rat LD50:110 mg/kg	ARZNAD 28,1898,78
	ivn-rat LD50:25 mg/kg	ARZNAD 28,1898,78
	orl-mus LD50:330 mg/kg	ARZNAD 28,1898,78
	ipr-mus LD50:320 mg/kg	ARZNAD 28,1898,78
	ivn-mus LD50:87 mg/kg	ARZNAD 28,1898,78
	orl-dog LD50:330 mg/kg	ARZNAD 28,1898,78
	orl-rbt LD50:330 mg/kg	ARZNAD 28,1898,78
	orl-gpg LD50:330 mg/kg	ARZNAD 28,1898,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HO9800000 5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5),gamma-PROPYLAMINE, 10,11-DIHYDRO-N-METHYL-

UPDT:8408 CAS: 72-69-5 MW: 263.41 MOLFM: C19-H21-N
SYN: AMITRYPTYLINE DEMETHYL- * AVANTYL * AVENTYL * DEMETHYLAMITRIPTYLENE * DEMETHYLAMITRIPTYLINE * DEMETHYLAMITRYPTYLINE * DESMETHYLAMITRIPTYLINE * 10,11-DIHYDRO-N-METHYL 5H-DIBENZO(a,d)CYCLOHEPTANE-delta,gamma-PROPYLAMINE * 5-(3-(METHYLAMINO)PROPYLIDENE)DIBENZO(a,e)CYCLOHEPTA(1,5)DIENE * 5-(3-METHYLAMINOPROPYLIDENE)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE * NORAMITRIPTYLINE * NORTRIPTYLINE * NORTRYPTILINE

TOXICITY DATA AND REFERENCES:

3F18F19F23	orl-rat LD50:502 mg/kg	HEPHD2 55,527,80
3F18F19F23	ivn-rat LD50:22 mg/kg	HEPHD2 55,527,80
	orl-mus LD50:387 mg/kg	BJPCBM 34,236,68
	ipr-mus LD50:70 mg/kg	JMCMAR 6,338,63
	ivn-mus LD50:17 mg/kg	JMCMAR 17,63,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DICPBB 8(12),690,74; CLCHAU 19,361,73

HP0175000 5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5),gamma-PROPYLAMINE, 10-11-DIHYDRO-N-METHYL-, HYDROCHLORIDE

UPDT:8409 CAS: 894-71-3 MW: 299.87 MOLFM: C19-H21-N-Cl-H
SYN: AVENTYL ALLEGRON * AVENTYL HYDROCHLORIDE * DESMETHYLAMITRIPTYLINE HYDROCHLORIDE * 5-(3-(METHYLAMINO)PROPYLIDENE)DIBENZO(a,e)CYCLOHEPTA(1,5)DIENE HYDROCHLORIDE * 5-(3-METHYLAMINOPROPYLIDENE)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE HYDROCHLORIDE * NORTRILEN * NORTRIPTYLINE HYDROCHLORIDE * PAMELOR

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:405 mg/kg	NIIRDN 6,568,82
*	scu-rat LD50:445 mg/kg	NIIRDN 6,568,82
*	ivn-rat LD50:13 mg/kg	NIIRDN 6,568,82
*	ims-rat LD50:170 mg/kg	NIIRDN 6,568,82
*	orl-mus LD50:260 mg/kg	NIIRDN 6,568,82
*	ipr-mus LD50:71 mg/kg	NIIRDN 6,568,82
	scu-mus LD50:145 mg/kg	TXAPA9 9,152,66
*	ivn-mus LD50:18700 ug/kg	NIIRDN 6,568,82
	ims-dog LD50:75 mg/kg	27ZQAG -,83,72
	ims-cat LD50:75 mg/kg	27ZQAG -,83,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDPYAK 2,209,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP0350000 5H-DIBENZO(a,d)CYCLOHEPTENE-5-PROPYLAMINE, 10,11-DIHYDRO-N,N,beta-TRIMETHYL-, HYDROCHLORIDE, DL-

UPDT:8403 CAS: 5585-73-9 MW: 329.95 MOLFM: C21-H27-N-Cl-H
SYN: AY-62014 * BUTRIPTYLINE HYDROCHLORIDE * 5H-DIBENZO(a,d)CYCLOHEPTENE-5-PROPANAMINE, 10,11-DIHYDRO-N,N,beta-TRIMETHYL-, HCl (--) * (+)-(-)-10,11-DIHYDRO-N,N,beta-TRIMETHYL 5H-DIBENZO(a,d)-CYCLOHEPTENE-5-PROPYLAMINE HCl * EVADYNE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:700 mg/kg	27ZQAG -,62,72
	ipr-rat LD50:150 mg/kg	27ZQAG -,62,72
	orl-mus LD50:345 mg/kg	27ZQAG -,62,72
	ipr-mus LD50:120 mg/kg	27ZQAG -,62,72
	ivn-mus LD50:48 mg/kg	27ZQAG -,62,72

HP0550000 5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5),gamma-PROPYLAMINE, N,N-DIMETHYL-

UPDT:8408 CAS: 303-53-7 MW: 266.22 MOLFM: C21-N
SYN: N,N-DIMETHYL 5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5),gamma-PROPYLAMINE * 5-(3-DIMETILAMINOPROPILIDENE) 5H-DIBENZO-(a,d)-CICLOPENTENE (Italian) * PROEPTATRIENE (Italian) * PROHEPTATRIENE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:250 mg/kg	FRPPAO 25,519,70
	ipr-mus LD50:90 mg/kg	JMCMAR 6,338,63
*	ivn-mus LD50:36 mg/kg	FRPPAO 25,519,70

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

HP0875000 5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5)-gamma-PROPYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE

UPDT:8403 CAS: 6202-23-9 MW: 311.88 MOLFM: C20-H21-N-Cl-H
SYN: CYCLOBENZAPRINE HYDROCHLORIDE * 5-(3-DIMETHYLAMINOPROPYLIDENE)-5H-DIBENZO-(a,d)CYCLOHEPTENE HYDROCHLORIDE * N,N-DIMETHYL 5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5,gamma)-PROPYLAMINE HYDROCHLORIDE * FLEXEPIL * FLEXIBAN * PROHEPTATRIENE HYDROCHLORIDE * PROHEPTATRIEN MONOHYDROCHLORIDE * 1-PROPANAMINE, 3-(5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-N,N-DIMETHYL-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:250 mg/kg	27ZQAG -,87,72
	ivn-mus LD50:36 mg/kg	AIPTAK 144,481,63

HP1050000 5H-DIBENZO(a,d)CYCLOHEPTENE-5-PROPYLAMINE, N-METHYL-

UPDT:8408 CAS: 438-60-8 MW: 263.41 MOLFM: C19-H21-N
SYN: N-3-(5H-DIBENZO(a,d)CYCLOHEPTEN-5-YL)PROPYL-N-METHYLAMINE * 5-(3-METHYLAMINOPROPYL)-5H-DIBENZO(a,d)CYCLOHEPTENE * MK 240 * PROTRIPTYLINE * PROTRYPTYLINE * TRIPTIL * VIVACTIL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:240 mg/kg	FRPPAO 25,519,70
*	ipr-rat LD50:42 mg/kg	FRPPAO 25,519,70
*	orl-mus LD50:269 mg/kg	FRPPAO 25,519,70
*	ipr-mus LD50:67 mg/kg	FRPPAO 25,519,70
*	scu-mus LD50:192 mg/kg	FRPPAO 25,519,70
	ivn-mus LD50:30 mg/kg	JMCMAR 17,65,74
*	orl-rbt LD50:310 mg/kg	FRPPAO 25,519,70
*	ivn-rbt LD50:8200 mg/kg	FRPPAO 25,519,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDPYAK 2,209,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP1150000 5H-DIBENZO(a,d)CYCLOHEPTEN-5-ONE, 10,11-DIHYDRO-, O-(2-(DIMETHYLAMINO)ETHYL)OXIME, HYDROCHLORIDE

UPDT:8403 CAS: 4985-15-3 MW: 330.89 MOLFM: C19-H22-N2-O-Cl-H
SYN: AGEDAL * BAY 1521 * 5-(DIMETHYLAMINOAETHYL OXYIMINO)-5H-DIBENZO(a,d)CYCLOHEPTA-1,4-DIEN HYDROCHLORID (German) * 5-DIMETHYLAMINOETHYLOXYIMINO-5H-DIBENZO(a,d)CYCLOHEPTA-1,4-DIENE HYDROCHLORIDE * 5-(DIMETILAMINOETILOXIMINO-5H-DIBENZO(a,d)CICLOEPTA-1,4-DIENE) CLORIDRATO (Italian) * NOGEDAL * NOXIPTILIN HYDROCHLORID (German) * NOXIPTYLINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:607 mg/kg	FRPPAO 25,519,70
	ipr-rat LD50:149 mg/kg	FRPPAO 25,519,70
	scu-rat LD50:985 mg/kg	27ZQAG -,84,72
	ivn-rat LD50:21 mg/kg	FRPPAO 25,519,70
	ims-rat LD50:209 mg/kg	FRPPAO 25,519,70
	orl-mus LD50:451 mg/kg	ARZNAD 19,846,69
	ipr-mus LD50:93 mg/kg	FRPPAO 25,519,70
	scu-mus LD50:240 mg/kg	27ZQAG -,84,72
	ivn-mus LD50:30 mg/kg	ARZNAD 19,846,69
	ims-mus LD50:144 mg/kg	FRPPAO 25,519,70
	orl-dog LD50:800 mg/kg	ARZNAD 19,846,69
	scu-dog LD50:100 mg/kg	ARZNAD 19,846,69
	orl-cat LD50:200 mg/kg	ARZNAD 19,846,69
	scu-cat LD50:100 mg/kg	ARZNAD 19,846,69
	orl-rbt LD50:400 mg/kg	ARZNAD 19,846,69
	scu-rbt LD50:50 mg/kg	ARZNAD 19,846,69

HP1160000 5H-DIBENZO(a,c)CYCLOHEPTEN-5-ONE, 6,7-DIHYDRO-7-IMINO-6-PHENYL-

UPDT:8408 MW: 297.37 MOLFM: C21-H15-N-O
SYN: 7-IMINO-6-PHENYL-6,7-DIHYDRO-5H-DIBENZO(a,c)CYCLOHEPTEN-5-ONE * 5-OXO-6-AMINO-7-KETIMINO-6-PHENYLDIBENZO(a,c)CYCLOHEPTAN

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1750 mg/kg	PHARAT 27,520,72

HP1305000 5H-DIBENZO(a,d)CYCLOHEPTEN-5-ONE, 10,11-DIHYDRO-, O-(PHENYLCARBAMOYL)OXIME

UPDT:8406 MW: 342.42 MOLFM: C22-H18-N2-O2
SYN: 10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-ONE O-(PHENYLCARBAMOYL)OXIME * 5-(PHENYLCARBAMYLOXIMINO)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:150 mg/kg	JPMSAE 54,1149,65

5H-DIBENZO(a,d)CYCLOHEPTEN-5-ONE O-(2-(METHYLAMINO)ETHYL)OXIME HYDROCHLORIDE see: HP1330000

HP1330000 5H-DIBENZO(a,d)CYCLOHEPTEN-5-ONE, O-(2-(METHYLAMINO)ETHYL)OXIME, MONOHYDROCHLORIDE

UPDT:8405 CAS: 18059-99-9 MW: 314.84 MOLFM: C18-H18-N2-O-Cl-H
SYN: DEMEXIPTILINE HYDROCHLORIDE * DEPARON * 5H-DIBENZO(a,d)CYCLOHEPTEN-5-ONE O-(2-(METHYLAMINO)ETHYL)OXIME HYDROCHLORIDE * LA 2909

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:330 mg/kg	FRPSAX 24,685,69
*	ivn-mus LD50:25 mg/kg	FRPSAX 24,685,69

HP1400000 5H-DIBENZO(a,d)CYCLOHEPTEN-5-PROPYLAMINE, N-METHYL-, HYDROCHLORIDE

UPDT:8403 CAS: 1225-55-4 MW: 299.87 MOLFM: C19-H21-N-Cl-H
SYN: 5-(3-METHYLAMINOPROPYL)-5H-DIBENZO(a,d)CYCLOHEPTENE HYDROCHLORIDE * N-METHYL-5H-DIBENZO(a,d)CYCLOHEPTENE-5-PROPYLAMINE HYDROCHLORIDE * MK-240 * NORMETHYL EX4442 * PROTRIPTYLINE HYDROCHLORIDE * TRIPTIL HYDROCHLORIDE * VIVACTIL

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:299 mg/kg	TXAPA9 18,185,71
	ipr-rat LD50:44 mg/kg	27ZQAG -,88,72
	orl-mus LD50:211 mg/kg	TXAPA9 18,185,71
	scu-mus LD50:192 mg/kg	27ZQAG -,88,72
	ivn-mus LD50:49 mg/kg	APTOA6 24,121,66
	orl-dog LDLo:400 mg/kg	27ZQAG -,88,72
	orl-rbt LD50:310 mg/kg	27ZQAG -,88,72
	ivn-rbt LD50:8200 ug/kg	27ZQAG -,88,72
	orl-gpg LD50:180 mg/kg	27ZQAG -,88,72
	ipr-gpg LD50:21 mg/kg	27ZQAG -,88,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDPYAK 2,209,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-(5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-1-METHYLPIPERIDINE see: TM7000000
4-(5-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDINE)-1-METHYLPIPERIDINE see: TM7000000
N-3-(5H-DIBENZO(a,d)CYCLOHEPTEN-5-YL)PROPYL-N-METHYLAMINE see: HP1050000

HP1585000 DIBENZO(a,e)CYCLOOCTENE, 5,6-DIHYDRO-3-(ALLYLOXY)-11-ETHYL-12-PHENYL-

UPDT:8401 CAS: 85850-83-5 MW: 366.53 MOLFM: C27-H26-O
SYN: 3-(ALLYLOXY)-11-ETHYL-12-PHENYL 5,6-DIHYDRODIBENZO(a,e)CYCLOOCTENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-rat TDLo:30 mg/kg (3D pre)	JMCMAR 26,1131,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP1586000 DIBENZO(a,e)CYCLOOCTENE, 5,6-DIHYDRO-8-(2-(DIMETHYLAMINO)ETHOXY)-12-ETHYL-11-PHENYL-, HYDRATE (1:4)

UPDT:8401 CAS: 85850-78-8 MW: 402.06 MOLFM: C28-H31-N-O 1/4H2-O

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-rat TDLo:30 mg/kg (3D pre)	JMCMAR 26,1131,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

HP1750000 5H-DIBENZO(b,e)(1,4)DIAZEPINE, 8-CHLORO-11-(4-METHYL-1-PIPERAZINYL)-
UPDT:8403 CAS: 5786-21-0 MW: 326.86 MOLFM: C18-H19-Cl-N4
SYN: 8-CHLORO-11-(4-METHYL 1-PIPERAZINYL)-5H-DIBENZO(b,e)(1,4)DIAZEPINE * CLOZAPINE * CLOZAPIN * HF-1854 * IPROS * LEPONEX * LEPOTEX

MUTATION DATA AND REFERENCES:
sln-dmg-orl 2 mg/2D — SOGEBZ 11,718,75
cyt-hmn:lym 10 mg/L — HUGEDQ 38,77,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T75T76T81 orl-rat TDLo:1080 mg/kg (16-22D preg/20D post) — FRPPAO 26,585,71

TOXICITY DATA AND REFERENCES:
3F12F23J22 orl-rat LD50:260 mg/kg — FRPPAO 26,585,71
* ivn-rat LD50:58 mg/kg — FRPPAO 26,585,71
* ims-rat LD50:210 mg/kg — FRPPAO 26,585,71
1U26 orl-mus LD50:150 mg/kg — JMCMAR 23,878,80
3D16F17F19 ipr-mus LD50:98 mg/kg — ARZNAD 32,668,82
* ivn-mus LD50:61 mg/kg — FRPPAO 26,585,71
1K13 orl-dog LD50:145 mg/kg — FRPPAO 26,585,71
* orl-gpg LD50:510 mg/kg — FRPPAO 26,585,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP1805000 5H-DIBENZO(b,e)(1,4)DIAZEPINE, 10,11-DIHYDRO-7-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)-
UPDT:8406 MW: 301.85 MOLFM: C17-H20-Cl-N3
SYN: 7-CHLOR-10-beta-DIMETHYLAMINO-AETHYL-10,11-DIHYDRO-5H-DIBENZO-(b,e)(1,4)-DIAZEPIN (German) * 10,11-DIHYDRO-(5H)-DIBENZO(b,e)(1,4)DIAZEPINE, 7-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)-

TOXICITY DATA AND REFERENCES:
orl-mus LD50:275 mg/kg — ARZNAD 13,324,63

HP2275000 11H-DIBENZO(b,e)(1,4)DIAZEPIN-11-ONE, 5,10-DIHYDRO-7-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8405 CAS: 2726-03-6 MW: 352.29 MOLFM: C17-H18-Cl-N3-O Cl-H
SYN: CLOBENZEPAM HYDROCHLORIDE * TARPAN

TOXICITY DATA AND REFERENCES:
orl-mus LD50:324 mg/kg — 27ZQAG -,66,72
ipr-mus LD50:75 mg/kg — JMCMAR 14,153,71

HP2485000 5H-DIBENZO(b,e)(1,4)DIAZEPIN-11-ONE, 10,11-DIHYDRO-10-(2-(DIMETHYLAMINO)ETHYL)-
UPDT:8406 MW: 281.39 MOLFM: C17-H19-N3-O
SYN: 10,11-DIHYDRO-11-OXO-5H-DIBENZO(b,e)(1,4)DIAZEPINE 10-(2-(DIMETHYLAMINO)ETHYL)-

TOXICITY DATA AND REFERENCES:
orl-mus LD50:705 mg/kg — ARZNAD 13,324,63

HP2625000 11H-DIBENZO(b,e)(1,4)DIAZEPIN-11-ONE, 5,10-DIHYDRO-10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 315-80-0 MW: 331.88 MOLFM: C18-H21-N3-O Cl-H
SYN: DIBENZEPINE HYDROCHLORIDE * DIBENZEPIN HYDROCHLORIDE * HF 1927 * HYDROFLUORIDE-1927 WANDER * 5-METHYL-10-beta-DIMETHYLAMINOAETHYL 10,11-DIHYDRO-11-OXO-5-DIBENZO(b,e)(1,4)DIAZEPIN * NEODALIT * NOVERIL * NOVERYL

TOXICITY DATA AND REFERENCES:
orl-rat LD50:220 mg/kg — 27ZQAG -,70,72
ipr-rat LD50:70 mg/kg — 27ZQAG -,70,72
* scu-rat LD50:520 mg/kg — NIIRDN 6,341,82
ivn-rat LD50:22 mg/kg — 27ZQAG -,70,72
* orl-mus LD50:174 mg/kg — NIIRDN 6,341,82
ipr-mus LD50:64 mg/kg — FATOAO 35,274,72
* scu-mus LD50:98 mg/kg — FRPPAO 25,519,70
ivn-mus LD50:22 mg/kg — 27ZQAG -,70,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIBENZO(b,e)(1,4)DIOXIN, 2-CHLORO- see: HP3095500

HP3082200 11H-DIBENZO(b,e)(1,4)DIOXEPIN-6-CARBOXYLIC ACID, 4-FORMYL-3-HYDROXY-8-METHOXY-1,9-DIMETHYL- 11-OXO-
UPDT:8308 CAS: 7299-11-8
SYN: PARELLIC ACID * PSOROMIC ACID

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:200 mg/kg — 85GDA2 9,55,82
* ivn-mus LD50:12 mg/kg — 85GDA2 9,55,82

HP3082220 11H-DIBENZO(b,e)(1,4)DIOXEPIN-7-CARBOXYLIC ACID, 8-HYDROXY-3-METHOXY-11-OXO-1,6- BIS(2-OXOHEPTYL)-
UPDT:8308 CAS: 522-52-1 MW: 526.63 MOLFM: C29-H34-O9
SYN: alpha-COLLATOLIC ACID * alpha,beta-COLLATOLIC ACID * COLLATOLIC ACID-A

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:150 mg/kg — 85GDA2 9,57,82

DIBENZODIOXIN see: HP3090000
DIBENZO(b,e)(1,4)DIOXIN see: HP3090000

HP3090000 DIBENZO-p-DIOXIN
UPDT:8412 CAS: 262-12-4 MW: 184.20 MOLFM: C12-H8-O2
SYN: DIBENZODIOXIN * DIBENZO(1,4)DIOXIN * DIBENZO(b,e)(1,4)DIOXIN * DIPHENYLENE DIOXIDE * NCI-C03656 * OXANTHRENE * PHENODIOXIN

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:110 gm/kg/58W-I — EVHPAZ 5,163,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 47,141,78
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-122,79)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIBENZO(1,4)DIOXIN see: HP3090000

HP3095300 DIBENZO-p-DIOXIN, 1-CHLORO-
UPDT:8308 CAS: 39227-53-7 MW: 218.64 MOLFM: C12-H7-Cl-O2
SYN: 1-CHLORODIBENZODIOXIN * 1-CHLORODIBENZO-p-DIOXIN * DIBENZO(b,e)(1,4)DIOXIN, 1-CHLORO-

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

DIBENZO(b,e)(1,4)DIOXIN, 1-CHLORO- see: HP3095300

HP3095500 DIBENZO-p-DIOXIN, 2-CHLORO-
UPDT:8308 CAS: 39227-54-8 MW: 218.64 MOLFM: C12-H7-Cl-O2
SYN: 2-CHLORODIBENZO-para-DIOXIN * DIBENZO(b,e)(1,4)DIOXIN, 2-CHLORO-

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

HP3095700 DIBENZO-p-DIOXIN, 1,3-DICHLORO-
UPDT:8308 CAS: 50585-39-2 MW: 253.08 MOLFM: C12-H6-Cl2-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 1,3-DICHLORO- * 1,3-DICHLORODIBENZO-para-DIOXIN

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

DIBENZO(b,e)(1,4)DIOXIN, 1,3-DICHLORO- see: HP3095700

HP3095800 DIBENZO-p-DIOXIN, 1,6-DICHLORO-
UPDT:8307 CAS: 38178-38-0 MW: 253.08 MOLFM: C12-H6-Cl2-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 1,6-DICHLORO- * 1,6-DICHLORODIBENZO-para-DIOXIN

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

DIBENZO(b,e)(1,4)DIOXIN, 1,6-DICHLORO- see: HP3095800

HP3096000 DIBENZO-p-DIOXIN, 2,3-DICHLORO-
UPDT:8308 CAS: 29446-15-9 MW: 253.08 MOLFM: C12-H6-Cl2-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 2,3-DICHLORO- * 2,3-DICHLORODIBENZODIOXIN * 2,3-DICHLORODIBENZO-para-DIOXIN

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

DIBENZO(b,e)(1,4)DIOXIN, 2,3-DICHLORO- see: HP3096000
DIBENZO(b,e)(1,4)DIOXIN, 2,7-DICHLORO- see: HP3100000

HP3100000 DIBENZO-p-DIOXIN, 2,7-DICHLORO-
UPDT:8412 CAS: 33857-26-0 MW: 253.08 MOLFM: C12-H6-Cl2-O2
SYN: DCDD * DIBENZO(b,e)(1,4)DIOXIN, 2,7-DICHLORO- * 2,7-DICHLORODIBENZO-p-DIOXIN * 2,7-DICHLORODIBENZODIOXIN * NCI-C03667

IRRITATION DATA AND REFERENCES:
eye-rbt 2 mg MLD — EVHPAZ 5,87,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 orl-rat TDLo:5 mg/kg (6-15D preg) — ADCSAJ 120,70,73

TUMORIGENIC DATA AND REFERENCES:
3V03L60P61 orl-mus TDLo:378 gm/kg/90W-C — NCITR* NCI-CG-TR-123,79
3V03L60P61 orl-mus TD :756 gm/kg/90W-C — NCITR* NCI-CG-TR-123,79

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TXCYAC 3(2),187,75; RPZHAW 26(5),623,75; MUREAV 47,141,78
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE (NCITR* NCI-CG-TR-123,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-123,79)
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1077-0008
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP3150000 DIBENZO-p-DIOXIN, 2,8-DICHLORO-
UPDT:8307 CAS: 38964-22-6 MW: 253.08 MOLFM: C12-H6-Cl2-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 2,8-DICHLORO- * 2,8-DICHLORODIBENZODIOXIN * 2,8-DICHLORODIBENZO-para-DIOXIN

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

DIBENZO(b,e)(1,4)DIOXIN, 2,8-DICHLORO- see: HP3150000

HP3167000 DIBENZO-p-DIOXIN, 2,3-DICHLORO-7-NITRO-
UPDT:8308 MW: 298.08 MOLFM: C12-H5-Cl2-N-O4
SYN: 2,3-DICHLORO-7-NITRO-DIBENZO-p-DIOXIN

MUTATION DATA AND REFERENCES:
mma-sat 400 pmol/plate — DCTODJ 6,71,83

HP3190000 DIBENZO-p-DIOXIN, 1,2,3,4,6,7,8-HEPTACHLORO-
UPDT:8307 CAS: 35822-46-9 MW: 425.28 MOLFM: C12-H-Cl7-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 1,2,3,4,6,7,8-HEPTACHLORO- * HEPTACHLORODIBENZO p-DIOXIN * 1,2,3,4,6,7,8-HEPTACHLORODIBENZODIOXIN * 1,2,3,4,6,7,8-HEPTACHLORODIBENZO-para-DIOXIN

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

DIBENZO(b,e)(1,4)DIOXIN, 1,2,3,4,6,7,8-HEPTACHLORO- see: HP3190000

HP3195000 DIBENZO-p-DIOXIN, 1,2,3,4,6,7,9-HEPTACHLORO-
UPDT:8307 MW: 425.28 MOLFM: C12-H-Cl7-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 1,2,3,4,6,7,9-HEPTACHLORO- * 1,2,3,4,6,7,9-HEPTACHLORODIBENZODIOXIN * 1,2,3,4,6,7,9-HEPTACHLORODIBENZO-para-DIOXIN

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

DIBENZO(b,e)(1,4)DIOXIN, 1,2,3,4,6,7,9-HEPTACHLORO- see: HP3195000

HP3200000 DIBENZO-p-DIOXIN, HEXACHLORO-
UPDT:8307 CAS: 34465-46-8 MW: 390.84 MOLFM: C12-H2-Cl6-O2
SYN: HCDD * HEXACHLORODIBENZO-p-DIOXIN * 1,2,3,6,7,8-HEXACHLORODIBENZO p-DIOXIN

IRRITATION DATA AND REFERENCES:
eye-rbt 2 mg MOD — EVHPAZ 5,87,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:1 ug/kg (6-15D preg) — ADCSAJ 120,55,73
1T55 orl-rat TDLo:10 ug/kg (6-15D preg) — ADCSAJ 120,55,73
3T25T34T53 orl-rat TDLo:100 ug/kg (6-15D preg) — ADCSAJ 120,55,73
3T43T19U01 orl-rat TDLo:1 mg/kg (6-15D preg) — ADCSAJ 120,55,73

TOXICITY DATA AND REFERENCES:
1U01 orl-rat LDLo:100 mg/kg — ADCSAJ 120,55,73
orl-mus LD50:1250 ug/kg — TXAPA9 44,335,78
orl-gpg LD50:70 ug/kg — TXAPA9 44,335,78

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TXCYAC 3(2),187,75
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIBENZO(b,e)(1,4)DIOXIN, 1,2,3,6,7,9-HEXACHLORO- see: HP3290000

HP3280000 DIBENZO-p-DIOXIN, 1,2,3,4,7,8-HEXACHLORO-
UPDT:8412 CAS: 57653-85-7 MW: 390.84 MOLFM: C12-H2-Cl6-O2
SYN: 1,2,3,4,7,8-HEXACHLORODIBENZO-p-DIOXIN

TOXICITY DATA AND REFERENCES:
orl-mus LD50:825 ug/kg — TXAPA9 44,335,78
orl-gpg LD50:72500 ng/kg — TXAPA9 44,335,78

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

HP3290000 DIBENZO-p-DIOXIN, 1,2,3,6,7,9-HEXACHLORO-
UPDT:8307 MW: 390.84 MOLFM: C12-H2-Cl6-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 1,2,3,6,7,9-HEXACHLORO- * 1,2,3,6,7,9-HEXACHLORODIBENZODIOXIN * 1,2,3,6,7,9-HEXACHLORODIBENZO-para-DIOXIN

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

HP3310000 DIBENZO-p-DIOXIN, 1,2,3,7,8,9-HEXACHLORO-
UPDT:8307 CAS: 19408-74-3 MW: 390.84 MOLFM: C12-H2-Cl6-O2
SYN: 1,2,3,7,8,9-HEXACHLORODIBENZO-p-DIOXIN

TOXICITY DATA AND REFERENCES:
orl-gpg LD50:60 ug/kg — TXAPA9 44,335,78

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,41,77

HP3313000 DIBENZO-p-DIOXIN, 1,2,4,6,7,9-HEXACHLORO-
UPDT:8307 MW: 390.84 MOLFM: C12-H2-Cl6-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 1,2,4,6,7,9-HEXACHLORO- * 1,2,4,6,7,9-HEXACHLORODIBENZODIOXIN * 1,2,4,6,7,9-HEXACHLORODIBENZO-para-DIOXIN

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEWANIMAL INDEFINITE — IARC** 15,41,77

DIBENZO(b,e)(1,4)DIOXIN, 1,2,4,6,7,9-HEXACHLORO- see: HP3313000

HP3315000 DIBENZO-p-DIOXIN, 1,2,3,7,8,9-HEXACHLORO- mixed with 1,2,3,6,7,8-HEXACHLORODIBENZO-p-DIOXIN (2:1)
DEF:Composed of 67% of 1,2,3,7,8,9-HEXACHLORODIBENZO-p-DIOXIN and 31% of 1,2,3,6,7,8-HEXACHLORO-DIBENZO-p-DIOXIN (NCITR* NCI-CG-TR-198,80)
UPDT:8212
SYN: 1,2,3,6,7,8-HEXACHLORODIBENZO-p-DIOXIN mixed with 1,2,3,7,8,9-HEXACHLORODIBENZO-p-DIOXIN * 1,2,3,7,8,9-HEXACHLORODIBENZO-p-DIOXIN mixed with 1,2,3,6,7,8-HEXACHLORODIBENZO-p-DIOXIN * NCI-C03703

TUMORIGENIC DATA AND REFERENCES:
3V01L60J30 orl-rat TDLo:260 ug/kg/2Y-I — NCITR* NCI-CG-TR-198,80

BEST COPY AVAILABLE

3V01L60L01 orl-mus TDLo:520 ug/kg/2Y-I NCITR* NCI-CG-TR-198,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:800 ug/kg NCITR* NCI-CG-TR-198,80
* orl-mus LD50:500 ug/kg NCITR* NCI-CG-TR-198,80
STATUS:
★ CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-198,80)
★ CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-202,80)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP3322000 DIBENZO-p-DIOXIN, 2-NITRO-
UPDT:8308 MW: 229.20 MOLFM: C12-H7-N-O4
SYN: 2-NITRO-DIBENZO-p-DIOXIN
MUTATION DATA AND REFERENCES:
mmo-sat 40 pmol/plate DCTODJ 6,71,83

HP3350000 DIBENZO-p-DIOXIN, 1,2,3,4,6,7,8,9-OCTACHLORO-
UPDT:8412 CAS: 3268-87-9 MW: 459.72 MOLFM: C12-Cl8-O2
SYN: NCI-C03678 * OCDD * OCTACHLORODIBENZODIOXIN * OCTACHLORODIBENZO(b,e)(1,4)DIOXIN * OCTACHLORODIBENZO-p-DIOXIN * 1,2,3,4,6,7,8,9-OCTACHLORODIBENZODIOXIN
IRRITATION DATA AND REFERENCES:
eye-rbt 2 mg MLD EVHPAZ 5,87,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T55 orl-rat TDLo:5 gm/kg (6-15D preg) ADCSAJ 120,55,73
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:290 mg/kg/60W-I EVHPAZ 5,163,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TXCYAC 3(2),187,75; MUREAV 47,141,78
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,41,77
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP3370000 DIBENZO-p-DIOXIN, 1,2,3,4,7-PENTACHLORO-
UPDT:8307 MW: 356.40 MOLFM: C12-H3-Cl5-O2
SYN: 1,2,3,4,7-PENTACHLORODIBENZODIOXIN * 1,2,3,4,7-PENTACHLORODIBENZO-para-DIOXIN
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,41,77

HP3395000 DIBENZO-p-DIOXIN, 1,2,3,7,8-PENTACHLORO-
UPDT:8307 CAS: 40321-76-4 MW: 356.40 MOLFM: C12-H3-Cl5-O2
SYN: 1,2,3,7,8-PENTACHLORODIBENZO-p-DIOXIN
TOXICITY DATA AND REFERENCES:
orl-mus LD50:337500 ng/kg TXAPA9 44,335,78
orl-gpg LD50:3100 ng/kg TXAPA9 44,335,78
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,41,77

HP3420000 DIBENZO-p-DIOXIN, 1,2,4,7,8-PENTACHLORO-
UPDT:8307 CAS: 58802-08-7 MW: 356.40 MOLFM: C12-H3-Cl5-O2
SYN: 1,2,4,7,8-PENTACHLORODIBENZO-p-DIOXIN
TOXICITY DATA AND REFERENCES:
orl-gpg LD50:1125 ug/kg TXAPA9 44,335,78
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,41,77
DIBENZO(b,e)(1,4)DIOXIN, 2,3,7,8-TETRACHLORO- see: HP3500000

HP3493000 DIBENZO-p-DIOXIN, 1,2,3,4-TETRACHLORO-
UPDT:8307 CAS: 30746-58-8 MW: 321.96 MOLFM: C12-H4-Cl4-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 1,2,3,4,-TETRACHLORO- * 1,2,3,4-TETRACHLORODIBENZODIOXIN * 1,2,3,4-TETRACHLORODIBENZO-para-DIOXIN
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,41,77
DIBENZO(b,e)(1,4)DIOXIN, 1,2,3,4,-TETRACHLORO- see: HP3493000

HP3494000 DIBENZO-p-DIOXIN, 1,2,3,8-TETRACHLORO-
UPDT:8307 CAS: 53555-02-5 MW: 321.96 MOLFM: C12-H4-Cl4-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 1,2,3,8-TETRACHLORO- * 1,2,3,8-TETRACHLORODIBENZODIOXIN * 1,2,3,8-TETRACHLORODIBENZO-para-DIOXIN
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,41,77
DIBENZO(b,e)(1,4)DIOXIN, 1,2,3,8-TETRACHLORO- see: HP3494000

HP3495000 DIBENZO-p-DIOXIN, 1,3,6,8-TETRACHLORO-
UPDT:8402 CAS: 33423-92-6 MW: 321.96 MOLFM: C12-H4-Cl4-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 1,3,6,8-TETRACHLORO- * 1,3,6,8-TCDD * 1,3,6,8-TETRACHLORODIBENZODIOXIN * 1,3,6,8-TETRACHLORODIBENZO-para-DIOXIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:24 gm/kg (8-15D preg) OYYAA2 25,713,83
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,41,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DIBENZO(b,e)(1,4)DIOXIN, 1,3,6,8-TETRACHLORO- see: HP3495000

HP3495500 DIBENZO-p-DIOXIN, 1,3,7,8-TETRACHLORO-
UPDT:8307 CAS: 50585-46-1 MW: 321.96 MOLFM: C12-H4-Cl4-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 1,3,7,8-TETRACHLORO- * 1,3,7,8-TETRACHLORODIBENZODIOXIN * 1,3,7,8-TETRACHLORODIBENZO-para-DIOXIN
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,41,77
DIBENZO(b,e)(1,4)DIOXIN, 1,3,7,8-TETRACHLORO- see: HP3495500

HP3496000 DIBENZO-p-DIOXIN, 2,3,6,7-TETRACHLORO-
UPDT:8307 CAS: 34816-53-0 MW: 321.96 MOLFM: C12-H4-Cl4-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 2,3,6,7-TETRACHLORO- * 2,3,6,7-TETRACHLORODIBENZODIOXIN * 2,3,6,7-TETRACHLORODIBENZO-para-DIOXIN
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,41,77
DIBENZO(b,e)(1,4)DIOXIN, 2,3,6,7-TETRACHLORO- see: HP3496000

HP3500000 DIBENZO-p-DIOXIN, 2,3,7,8-TETRACHLORO-
UPDT:8412 CAS: 1746-01-6 MW: 321.96 MOLFM: C12-H4-Cl4-O2
SYN: 2,3,7,8-CZTEROCHLORODWUBENZO-p-DWUOKSYNY (Polish) * DIBENZO(b,e)(1,4)DIOXIN, 2,3,7,8-TETRACHLORO- * DIOKSYNY (Polish) * DIOXINE * DIOXIN (HERBICIDE CONTAMINANT) * NCI-C03714 * TCDBD * TCDD * 2,3,7,8-TCDD * 2,3,7,8-TETRACHLORODIBENZO(b,e)(1,4)DIOXAN * 2,3,6,7-TETRACHLORODIBENZO-p-DIOXIN (German) * 2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN * 2,3,7,8-TETRACHLORODIBENZO-1,4-DIOXIN * TETRADIOXIN
IRRITATION DATA AND REFERENCES:
eye-rbt 2 mg MOD EVHPAZ 5,87,73
MUTATION DATA AND REFERENCES:
mmo-sat 3 mg/L AMBOCX 1,1,72
mmo-esc 2 mg/L AMBOCX 1,1,72
pic-esc 500 ug/L AMBOCX 1,1,72
mmo-smc 10 mg/L CMSHAF 12,549,83
mma-smc 2 mg/L PSSID2 5,429,82
mrc-smc 10 mg/L CMSHAF 12,549,83
dns-rat-orl 5 ug/kg TXCYAC 28,133,83
dni-rat-ipr 10 ug/kg CBINA8 8,31,74
dni-rat-orl 200 ug/kg CBINA8 8,31,74
cyt-rat-orl 100 ug/kg MUREAV 47,141,78
cyt-rat-ipr 10 mg/kg MUREAV 47,141,78
otr-mus:fbr 200 nmol/L ENMUDM 6,461,84
dni-mus-ipr 400 ug/kg MUREAV 46,305,77
cyt-mus-orl 100 ug/kg TXAPA9 29,229,74
cyt-mus-ipr 10 ug/kg PSSID2 5,419,82
msc-mus:lym 50 mg/L ENMUDM 4,391,82
hma-mus/smc 25 ug/kg CMSHAF 12,549,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T53 orl-rat TDLo:1500 ng/kg (1-3D preg) TJADAB 25(1),21A,82
3T35T34T59 orl-rat TDLo:1250 ng/kg (6-15D preg) FCTXAV 9,405,71
1T55 orl-rat TDLo:1250 ng/kg (6-15D preg) FCTXAV 9,405,71
3T29T48T81 orl-rat TDLo:1270 ng/kg (MGN) TXAPA9 50,241,79
3T53T72T76 orl-rat TDLo:127 ng/kg (MGN) TXAPA9 50,241,79
1T13 orl-rat TDLo:20 ug/kg (1D pre) TXCYAC 21,77,81
1T83 ipr-rat TDLo:6 ug/kg (17D preg) BCPCA6 26,1383,77
1T53 scu-rat TDLo:5 mg/kg (6-15D preg) TXAPA9 20,396,71
1T53 orl-mus TDLo:1 ug/kg (10D preg) EVHPAZ 5,81,73
2T25T43 orl-mus TDLo:30 ug/kg (6-15D preg) NSAPCC 272,243,72
1T34 orl-mus TDLo:3 ug/kg (6-15D preg) NSAPCC 272,243,72
1T54 orl-mus TDLo:235 ug/kg (28D pre-21D post) DCTODJ 2,77,79
2T81T87 orl-mus TDLo:20 ug/kg (14D preg/3D post) IJIMDS 2,301,80
2T34T43 ipr-mus TDLo:25 ug/kg (7-11D preg) TXCYAC 20,299,81
3T43T46T53 scu-mus TDLo:250 ug/kg (7-16D preg) BECTA6 16,674,76
2T26T35 scu-mus TDLo:250 ug/kg (7-16D preg) BECTA6 16,674,76
1T55 scu-mus TDLo:1 mg/kg (7-16D preg) BECTA6 16,674,76
1T43 scu-mus TDLo:30 ug/kg (10D preg) MOPMA3 17,86,80
2T25T53 orl-rbt TDLo:2500 ng/kg (6-15D preg) ENVRAL 27,74,82
2T24T27 orl-rbt TDLo:10 ug/kg (6-15D preg) ENVRAL 27,74,82
1T46 orl-rbt TDLo:1 ug/kg (6-15D preg) ENVRAL 27,74,82
TUMORIGENIC DATA AND REFERENCES:
3V01L60N62 orl-rat TDLo:52 ug/kg/2Y-I NTPTR* NTP-TR-209,82
3V01L60N62 orl-mus TDLo:52 ug/kg/2Y-I NTPTR* NTP-TR-209,82
2V01R60 skn-mus TDLo:62 ug/kg/2Y-I NCITR* NCI-CG-TR-201,82
2V03J60 orl-rat TD :328 ug/kg/78W-C PESTC* 5,12,77
3V03L60M61 orl-rat TD :137 ug/kg/65W-C FEPRA7 36,396,77
2V01L60 orl-rat TD :73 ug/kg/2Y-C ANYAA9 320,397,79
3V03L60N62 orl-rat TD :1 ug/kg/2Y-I NTPTR* NTP-TR-209,82
3V03L60N62 orl-mus TD :1 ug/kg/2Y-I NTPTR* NTP-TR-209,82
3V03L60M61 orl-rat TD :27 ug/kg/65W-C FEPRA7 36,396,77
3V02J60L60 orl-mus TD :36 ug/kg/52W-I NATUAS 278,548,79
3V03R60V10 skn-mus TD :80 ug/kg BECTA6 18,552,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:22500 ng/kg EVSRBT 2,708,73
* ipr-rat LD50:60 ug/kg TOXID9 4,189,84
orl-mus LD50:114 ug/kg TXAPA9 29,229,74
skn-mus LDLo:80 ug/kg RCOCB8 20,101,78
unk-mus LDLo:200 ug/kg ANYAA9 320,204,79
3U01F07K08 orl-dog LDLo:3 mg/kg ADCSAJ 120,55,73
orl-mky LDLo:70 ug/kg TXAPA9 43,175,78
orl-rbt LDLo:10 ug/kg NATUAS 232,395,71
skn-rbt LD50:275 ug/kg EVHPAZ 5,87,73
* orl-gpg LD50:500 ng/kg EVSRBT 2,708,73
2R21U01 orl-ham LD50:5051 ug/kg TXAPA9 59,405,81
2J22U01 orl-ckn LDLo:25 ug/kg FCTXAV 11,585,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 59,1,75; ARPAAQ 94,125,72; CHRYAQ 47(2),15,74; TXCYAC 3(2),187,75; RPZHAW 26(5),623,75; BIOGAL 40(2),44,74; STEVAB 2(4),305,74; EVHPAZ 15,121,76; FCTXAV 17,95,79; PTPAD4 7,513,79; MUREAV 47,141,78; ATXXA8 40,161,78; EVSRBT 2,708,73; NTIS** PB82-922905; MEPAAX 29,59,78; VHTODE 22,31,80; ARTODN 44,211,80
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,41,77
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 15,41,77
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NTPTR* NTP-TR-209,82)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-201,82)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 40, 1984
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0381-0390;8EHQ-0778-0209
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP3530000 DIBENZO-p-DIOXIN, 1,2,4-TRICHLORO-
UPDT:8307 CAS: 39227-58-2 MW: 287.52 MOLFM: C12-H5-Cl3-O2
SYN: DIBENZO(b,e)(1,4)DIOXIN, 1,2,4-TRICHLORO- * 1,2,4-TRICHLORODIBENZODIOXIN * 1,2,4-TRICHLORODIBENZO-para-DIOXIN
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,41,77

HP3630000 DIBENZO-p-DIOXIN, 2,3,7-TRICHLORO-
UPDT:8307 CAS: 33857-28-2 MW: 287.52 MOLFM: C12-H5-Cl3-O2
SYN: 2,3,7-TRICHLORODIBENZO-p-DIOXIN
TOXICITY DATA AND REFERENCES:
orl-gpg LD50:29444 ug/kg TXAPA9 44,335,78
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,41,77
DIBENZO(b,e)(1,4)DIOXIN, 1,2,4-TRICHLORO- see: HP3530000
DIBENZO(a,e)FLUORANTHENE see: HM9799000

HP3850000 13H-DIBENZO(a,g)FLUORENE
UPDT:8401 CAS: 207-83-0 MW: 266.35 MOLFM: C21-H14
SYN: 1,2,5,6-DIBENZOFLUORENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:48 mg/kg/13W-I CNREA8 11,301,51
2V03R60 skn-mus TD :240 mg/kg/37W-I CNREA8 11,892,51
3V02R60V10 skn-mus TD :1220 mg/kg/51W-I PRLBA4 123,343,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP4025000 13H-DIBENZO(a,i)FLUORENE
UPDT:8401 CAS: 239-60-1 MW: 266.35 MOLFM: C21-H14
SYN: 1,2,7,8-DIBENZFLUORENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1340 mg/kg/56W-I PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DIBENZO(a,jk)FLUORENE see: DF6300000
DIBENZO(b,jk)FLUORENE see: DF6350000
1,2,5,6-DIBENZOFLUORENE see: HP3850000
2,3,5,6-DIBENZOFLUORANTHENE see: HM9799000
DIBENZOFURAN, 3-ACETAMIDO- (8CI) see: AB6100000

HP4550000 2-DIBENZOFURANAMINE
UPDT:8406 CAS: 3693-22-9 MW: 183.22 MOLFM: C12-H9-N-O

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

SYN: 2-ADO * 3-AMINODIBENZOFURAN * 2-AMINODIPHENYLENE OXIDE

MUTATION DATA AND REFERENCES:
dns-mus-orl 80 mg/kg BIJOAK 111,12P,69

TUMORIGENIC DATA AND REFERENCES:
2V01M60 orl-rat TDLo:168 mg/kg/90W-I ZEKBAI 61,45,56
2V03L60 orl-mus TDLo:22 gm/kg/52W-C BECCAN 46,271,68

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; ADCSAJ 13,271,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP4650000 3-DIBENZOFURANAMINE
UPDT:8401 CAS: 4106-66-5 MW: 183.22 MOLFM: C12-H9-N-O
SYN: 2-AMINODIPHENYLENOXYD (German) * DIBENZOFURANYLAMINE

TUMORIGENIC DATA AND REFERENCES:
2V01M60 orl-rat TDLo:1400 mg/kg/66W-C ZEKBAI 61,45,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP4725000 2-DIBENZOFURANAMINE, 3-METHOXY-
UPDT:8401 CAS: 951-39-3 MW: 213.25 MOLFM: C13-H11-N-O2
SYN: 2-AMINO-3-METHOXYDIPHENYLENE OXIDE * 3-METHOXY-2-AMINODIPHENYLENE OXIDE

TUMORIGENIC DATA AND REFERENCES:
2V01M60 orl-rat TDLo:15 gm/kg/70W-I ZEKBAI 61,45,56
3V03M60R60 orl-rat TD :21 gm/kg/76W-C JNCIAM 39,1069,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCSAJ 13,271,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP4900000 3-DIBENZOFURANAMINE, 2-METHOXY-
UPDT:8401 CAS: 5834-17-3 MW: 213.25 MOLFM: C13-H11-N-O2
SYN: 2-AMINO-3-METHOXYDIPHENYLENOXYD (German) * 2-METHOXY-3-AMINODIBENZOFURAN

TUMORIGENIC DATA AND REFERENCES:
2V01M60 orl-rat TDLo:13 gm/kg/56W-C ZEKBAI 61,45,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP5075000 4a(4H)-DIBENZOFURANCARBOXALDEHYDE, 1,5a,6,9,9a,9b-HEXAHYDRO-
UPDT:8403 CAS: 126-15-8 MW: 204.29 MOLFM: C13-H16-O2
SYN: AC-R-11 * BISBUTENYLENETETRAHYDROFURFURAL * 2,3,4,5-BIS(delta(sup 2)-BUTENYLENE)TETRAHYDROFURFURAL * 2,3,4,5-BIS(2-BUTENYLENE)TETRAHYDROFURFURAL * 2,3,4,5-BIS(2-BUTYLENE)TETRAHYDRO-2-FURALDENYDE * BIS-delta(sup 2)-BUTYLENETETRAHYDROFURFURAL * 2,3,4,5-BIS(delta(sup 2)-BUTYLENE)TETRAHYDROFURFURAL * 2,3,4,5-BIS(2-BUTYLENE)TETRAHYDRO-2-FURFURAL * BUTADIEN-FURFURAL COPOLYMER * 2,3:4,5-DI(2-BUTENYL)TETRAHYDROFURFURAL * ENT 17,595 * 4a-FORMYL-1,4,4a,5a,6,9,9a,9b-OCTAHYDRODIBENZOFURAN * 2-FURALDEHYDE 2,3,4,5-BIS(2-BUTENYLENE)TETRAHYDRO- * 1,5a,6,9,9a,9b-HEXAHYDRO-4a(4H)-DIBENZOFURANCARBOXALDEHYDE * MGK 11 * MGK REPELLENT 11 * MGK REPELLENT II * PHILLIPS R-11 * R-11

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg MEIEDD 10,1170,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HP5270000 1,3(2H,9bH)-DIBENZOFURANDIONE, 2,6-DIACETYL-7,9-DIHYDROXY-8,9b-DIMETHYL-
UPDT:8412 CAS: 125-46-2 MW: 344.34 MOLFM: C18-H16-O7
SYN: 2,6-DIACETYL-7,9-DIHYDROXY-8,9b-DIMETHYL-1,3(2H,9bH)-DIBENZOFURANDIONE * USNEIN * USNIACIN * USNIC ACID * USNINIC ACID * USNINSAEURE (German)

MUTATION DATA AND REFERENCES:
dnd-esc 20 umol/L MUREAV 89,95,81
cyt-mam:oth 3750 ug/L PHMCAA 12,280,70

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg MEIEDD 10,1414,83
* scu-mus LD50:75 mg/kg 85GDA2 9,89,82
* ivn-mus LD50:25 mg/kg MEIEDD 10,1414,83
unk-mus LD50:290 mg/kg ARZNAD 5,507,55
orl-rbt LD50:500 mg/kg ARZNAD 5,507,55

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HP5295000 DIBENZOFURAN, 3-METHOXY-4-PYRROLIDINOMETHYL-
UPDT:8309 CAS: 42840-17-5 MW: 281.38 MOLFM: C18-H19-N-O2
SYN: 3-METHOXY-4-PYRROLIDINYLMETHYLDIBENZOFURAN

TOXICITY DATA AND REFERENCES:
1F13 orl-mus LD50:838 mg/kg TAKHAA 31,247,72
ipr-mus LD50:90 mg/kg CHTPBA 8,57,73
orl-mky LD50:1000 ug/kg ANYAA9 320,151,79
orl-gpg LD50:10 ug/kg ANYAA9 320,151,79

HP5295200 DIBENZOFURAN, 2,3,7,8-TETRACHLORO-
UPDT:8408 CAS: 51207-31-9 MW: 305.96 MOLFM: C12-H4-Cl4-O
SYN: NCI-C56611 * 2,3,7,8-TETRACHLORODIBENZOFURAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-mus TDLo:250 ug/kg (10D preg) TOLED5 20,183,84
1T51 orl-mus TDLo:120 ug/kg (10-13D preg) TOLED5 20,183,84
1T43 orl-mus TDLo:200 ug/kg (10-13D preg) TOLED5 20,183,84

TOXICITY DATA AND REFERENCES:
2R03R21 orl-gpg LD50:5 ug/kg TXAPA9 55,342,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 24,173,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-DIBENZOFURANYLACETAMIDE see: AB6100000
N-3-DIBENZOFURANYLACETAMIDE see: AB6100000
DIBENZOFURANYLAMINE see: HP4650000
1-(DIBENZOFURAN-2'-YL)-2-DIETHYLAMINOETHANOL HYDROCHLORIDE see: KK3550000
1-(DIBENZOFURAN-2'-YL)-2-DIMETHYLAMINOETHANOL HYDROCHLORIDE see: KK3580000
1-(DIBENZOFURAN-2'-YL)-2-PIPERIDINOETHANOL HYDROCHLORIDE see: KK3600000

HP5390000 8H-DIBENZO(b,f)ISOXAZOLO(4,5-d)AZEPINE, 3a,12b-DIHYDRO-8-(2-(DIMETHYLAMINO)ETHYL)-3-PHENYL-, MONOHYDROCHLORIDE
UPDT:8406 MW: 417.97 MOLFM: C25-H23-N3-O Cl-H

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg APFRAD 41,465,83

HP5392000 8H-DIBENZO(b,f)ISOXAZOLO(4,5-d)AZEPINE, 3a,12b-DIHYDRO-8-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)- 3-PHENYL-, MONOHYDROCHLORIDE
UPDT:8406 MW: 446.03 MOLFM: C27-H27-N3-O Cl-H

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:175 mg/kg APFRAD 41,465,83

HP5393000 8H-DIBENZO(b,f)ISOXAZOLO(4,5-d)AZEPINE, 3a,12b-DIHYDRO-8-(3-(DIMETHYLAMINO)PROPYL)-3- PHENYL-, MONOHYDROCHLORIDE
UPDT:8406 MW: 432.00 MOLFM: C26-H25-N3-O Cl-H

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg APFRAD 41,465,83

HP5394000 8H-DIBENZO(b,f)ISOXAZOLO(4,5-d)AZEPINE, 8-(2-(DIMETHYLAMINO)ETHYL)-3-PHENYL-, MONOHYDROCHLORIDE
UPDT:8406 MW: 417.97 MOLFM: C25-H23-N3-O Cl-H
SYN: (beta-DIMETHYLAMINOETHYL)-8 PHENYL 3(DIBENZO(b,f)ISOXAZOLO(4,5-d)5H-AZEPINE HCl (French) * 8-(2-(DIMETHYLAMINO)ETHYL)-3-PHENYL-8H-DIBENZO(b,f)ISOXAZOLO(4,5-d)AZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg APFRAD 41,465,83

HP5394500 8H-DIBENZO(b,f)ISOXAZOLO(4,5-d)AZEPINE, 8-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-3-PHENYL-, MONOHYDROCHLORIDE
UPDT:8407 MW: 446.03 MOLFM: C27-H27-N3-O Cl-H

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg APFRAD 41,465,83

1,2,5,6-DIBENZONAPHTHALENE see: GC0700000
DIBENZOPARADIAZINE see: SG1360000
DIBENZOPARATHIAZINE see: SN5075000
DIBENZO PQD see: DK4900000

HP5600000 DIBENZO(h,rst)PENTAPHENE
UPDT:8401 CAS: 192-47-2 MW: 352.44 MOLFM: C28-H16
SYN: TRIBENZO(a,e,i)PYRENE * (1,2,4,5,7,8)-TRIBENZOPYRENE * (1,2,4,5,8,9)-TRIBENZOPYRENE * 1,2,4,5,8,9-TRIBENZOPYRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 259,3899,64

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,197,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP5775000 DIBENZO(h,rst)PENTAPHENE, 7-METHYL-
UPDT:8401 CAS: 2869-12-7 MW: 366.47 MOLFM: C29-H18
SYN: 7-METHYLDIBENZO(h,rst)PENTAPHENE * 2-METHYL-1,2,4,5,8,9-TRIBENZOPYRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 259,3899,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP5950000 DIBENZO(cd,lm)PERYLENE
UPDT:8401 CAS: 188-96-5 MW: 326.40 MOLFM: C26-H14
SYN: PEROPYRENE

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I CHDDAT 266,301,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIBENZO(a,i)PHENANTHRENE see: TJ3700000
1,2,3,4-DIBENZOPHENANTHRENE see: DE7525000
1,2:6,7-DIBENZOPHENANTHRENE see: DE7340000
1,2:7,8-DIBENZOPHENANTHRENE see: TJ3700000
2,3:7,8-DIBENZOPHENANTHRENE see: DE7340000
DIBENZO-2,3,7,8-PHENANTHRENE see: DE7340000

HP6300000 DIBENZO(a,c)PHENAZINE
UPDT:8401 CAS: 215-64-3 MW: 280.34 MOLFM: C20-H12-N2
SYN: 1,2,3,4-DIBENZPHENAZINE

TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-rat TDLo:7 mg/kg COREAF 240,1738,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP6475000 DIBENZO(a,h)PHENAZINE
UPDT:8401 CAS: 226-47-1 MW: 280.34 MOLFM: C20-H12-N2
SYN: 7,14-DIAZADIBENZ(a,h)ANTHRACENE * DIBENZ(a,h)PHENAZINE * 1,2,5,6-DIBENZPHENAZINE

TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-rat TDLo:7 mg/kg COREAF 240,1738,55
2V03V10 imp-rat TD :100 mg/kg NEOLA4 25,641,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP6900000 6H-DIBENZO(b,d)PYRAN-9-METHANOL, 6a,7,8,10a-TETRAHYDRO-6,6-DIMETHYL-1-HYDROXY-3-PENTYL-
UPDT:8405 MW: 330.51 MOLFM: C21-H30-O3
SYN: 6,6-DIMETHYL-1-HYDROXY-3-PENTYL-6a,7,8,10a-TETRAHYDRO-6H-DIBENZO(b,d)PYRAN-9-METHANOL * 11-HYDROXY-delta(sup 9)-TETRAHYDROCANNABINOL

MUTATION DATA AND REFERENCES:
dni-hmn:hla 10 umol/L ANTRD4 3,211,83

HP8215000 6H-DIBENZO(b,d)PYRAN-3-OL, 6a,7,10,10a-TETRAHYDRO-1-PENTYL-6,6,9-TRIMETHYL-
UPDT:8303 MW: 314.51 MOLFM: C21-H30-O2
SYN: ABN-delta(sup 8)-THC * 1-HYDROXY-3-n-PENTYL-delta(sup 8)-TETRAHYDROCANNABINOL * 1-PENTYL-6,6,9-TRIMETHYL-6a,7,10,10a-TETRAHYDRO-6H-DIBENZO(b,d)PYRAN-3-OL

MUTATION DATA AND REFERENCES:
dni-mus:lng 1480 nmol/L CNREA8 36,95,76
dni-mus:leu 5 umol/L CNREA8 36,95,76
dni-mus:bmr 3560 nmol/L CNREA8 36,95,76

HP8225000 6H-DIBENZO(b,d)PYRAN-1-OL, 6a,7,8,10a-TETRAHYDRO-6,6,9-TRIMETHYL-3-PENTYL-
UPDT:8412 CAS: 1972-08-3 MW: 314.51 MOLFM: C21-H30-O2
SYN: ABBOTT 40586 * CANNABINOL 1-trans-delta(sup 9)-TETRAHYDRO- * 3-PENTYL-6,6,9-TRIMETHYL-6a,7,8,10a-TETRAHYDRO-6H-DIBENZO(b,d)PYRAN-1-OL * SP 104 * (-)-delta(sup 1)-TETRAHYDROCANNABINOL * delta(sup 1)-TETRAHYDROCANNABINOL * (-)-delta(sup 1)-3,4-trans-TETRAHYDROCANNABINOL * delta(sup 9)-TETRAHYDROCANNABINOL * (-)-delta(sup 9)-trans-TETRAHYDROCANNABINOL * trans-delta(sup 9)-TETRAHYDROCANNABINOL * 1-trans-delta(sup 9)-TETRAHYDROCANNABINOL * THC * delta(sup 1)-THC * delta(sup 9)-THC * 6,6,9-TRIMETHYL-3-PENTYL-7,8,9,10-TETRAHYDRO-6H-DIBENZO(b,d)PYRAN-1-OL

MUTATION DATA AND REFERENCES:
dni-hmn:fbr 10 umol/L ARTODN 35,127,76
dni-hmn:oth 10 umol/L ARTODN 35,127,76
dni-hmn:hla 40 umol/L ANTRD4 3,211,83
oms-hmn:fbr 5 umol/L ANTRD4 3,211,83
oms-hmn:hla 40 umol/L ANTRD4 3,211,83
cyt-hmn:lym 2500 umol/L/24H FEPRA7 36,1748,77
mnt-mus-ipr 50 mg/kg/5D-I PHMGBN 21,277,80
dni-mus:oth 10 umol/L ARTODN 35,127,76
dni-mus:lng 4180 nmol/L CNREA8 36,95,76
dni-mus:leu 32600 nmol/L CNREA8 36,95,76
dni-mus:bmr 20600 nmol/L CNREA8 36,95,76
cyt-mus-ipr 50 mg/kg/5D-I PHMGBN 21,277,80
spm-mus-ipr 25 mg/kg/5D-C PHMGBN 18,143,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 orl-rat TDLo:110 mg/kg (1-22D preg) AVBIB9 22/23,531,79
1T34 orl-rat TDLo:125 mg/kg (6-15D preg) AVBIB9 22/23,479,79
1T44 orl-rat TDLo:70 mg/kg (9-22D preg) TXAPA9 42,339,77
2T25T35 orl-rat TDLo:62500 ug/kg (6-15D preg) JEPTDQ 4(1),471,80
1T85 orl-rat TDLo:40 mg/kg (3-22D preg) PBBHAU 4,249,76
2T75T76 orl-rat TDLo:145 mg/kg (15-22D preg/21D post) TXAPA9 38,223,76
1T27 orl-rat TDLo:1100 mg/kg (1-22D preg) TJADAB 29(2),38,84
1T59 scu-rat TDLo:90 mg/kg (10-12D preg) PWPSA8 16,64,73
1T16 scu-rat TDLo:200 mg/kg (1-20D preg) TXAPA9 20,480,71

BEST COPY AVAILABLE

2T81T85 scu-rat TDLo:30 mg/kg (10-12D preg) PBBHAU 1,203,73
1T76 scu-rat TDLo:1 gm/kg (1-20D preg) TXAPA9 20,480,71
1T34 scu-rat TDLo:500 mg/kg (6-15D preg) TJADAB 11,99,75
1T03 scu-rat TDLo:100 mg/kg (10D male) BIREBV 20,1039,79
1T01 orl-mus TDLo:50 mg/kg (1D male) SCIEAS 216,315,82
1T23 orl-mus TDLo:400 mg/kg (8D male) PBBHAU 12,143,80
2T25T35 orl-mus TDLo:300 mg/kg (6-15D preg) JEPTDQ 4(1),471,80
1T41 orl-mus TDLo:400 mg/kg (11D preg) ANREAK 181,387,75
3T72T75T76 orl-mus TDLo:350 mg/kg (20-21D preg/5D post) TOLED5 8,141,81
1T91 orl-mus TDLo:50 mg/kg (20D preg) SCIEAS 205,1420,79
1T25 ihl-mus TDLo:900 ug/kg/4M (6-15D preg) FEPRA7 37,737,78
2T25T34 ipr-mus TDLo:400 mg/kg (10-11D preg) JPETAB 180,446,72
2T25T35 ipr-mus TDLo:100 mg/kg (8-9D preg) JPETAB 202,455,77
1T34 ipr-mus TDLo:100 mg/kg (10-11D preg) JPETAB 202,455,77
1T11 ipr-mus TDLo:105 mg/kg (21D pre) BIREBV 29,663,83
1T34 scu-mus TDLo:4500 ug/kg (8D preg) TXAPA9 36,151,76
1T34. ivn-mus TDLo:10 mg/kg (7D preg) TXAPA9 36,151,76
1T25 unk-mus TDLo:150 mg/kg (8-10D preg) FEPRA7 32,746,73
1T34 unk-mus TDLo:100 mg/kg (10-11D preg) FEPRA7 32,746,73
3T35T76T81 orl-mky TDLo:396 mg/kg (1-23W preg) AVBIB9 22/23,501,79
1T85 orl-mky TDLo:648 mg/kg (1-23W preg/15W post) NTOTDY 4,469,82
1T31 orl-rbt TDLo:19500 ug/kg (6-18D preg) FEPRA7 39,849,80
1T31 scu-rbt TDLo:19500 ug/kg (6-18D preg) FEPRA7 39,849,80
1T29 ims-rbt TDLo:1250 ug/kg (1D pre) FESTAS 31,331,79
1T34 orl-ham TDLo:100 mg/kg (7-10D preg) JTEHD6 2,1031,77
1T46 orl-ham TDLo:400 mg/kg (7-10D preg) JTEHD6 2,1031,77

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10 scu-mus TDLo:800 ug/kg/W-I FEPRA7 38,1450,79
2V03V10 scu-mus TD :800 ug/kg/W-I AVBIB9 22/23,359,79

TOXICITY DATA AND REFERENCES:

orl-rat LD50:666 mg/kg PSEBAA 136,260,71
* ihl-rat LC50:40 mg/kg AVBIB9 22/23,479,79
ipr-rat LD50:373 mg/kg PSEBAA 136,260,71
3F19J25F13 ivn-rat LD50:29 mg/kg ANYAA9 191,74,71
orl-mus LD50:482 mg/kg PSEBAA 136,260,71
* ihl-mus LC50:40 mg/kg AVBIB9 22/23,479,79
2F07F29 ipr-mus LD50:168 mg/kg AIPTAK 196,133,72
3F19J25F13 ivn-mus LD50:42 mg/kg ANYAA9 191,74,71
orl-dog LDLo:525 mg/kg TXAPA9 25,363,73
3F23G04J22 ivn-mky LD50:128 mg/kg TXAPA9 27,648,74

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PEDIAU 56,134,75

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP8400000 6H-DIBENZO(b,d)PYRAN-1-OL, 6a,7,10,10a-TETRAHYDRO-6,6,9-TRIMETHYL-3-PENTYL-

UPDT:8411 CAS: 5957-75-5 MW: 314.51 MOLFM: C21-H30-O2
SYN: CANNABINOL 1-trans-delta(sup 8)-TETRAHYDRO- * (-)-delta(sup 6)-3,4 trans-TETRAHYDROCANNABINOL * (-)-delta(sup 8)-trans-TETRAHYDROCANNABINOL * 1-trans-delta(sup 8)-TETRAHYDROCANNABINOL * delta(sup 6)-THC * delta(sup 8)-THC

MUTATION DATA AND REFERENCES:

dni-hmn:hla 10 umol/L ANTRD4 3,211,83
dni-mus:lng 2990 nmol/L CNREA8 36,95,76
dni-mus:leu 8700 nmol/L CNREA8 36,95,76
dni-mus:bmr 1260 nmol/L CNREA8 36,95,76

TOXICITY DATA AND REFERENCES:

orl-rat LD50:860 mg/kg TXAPA9 25,363,73
2F07F29 ipr-rat LD50:560 mg/kg AIPTAK 196,133,72
2F07F29 ivn-rat LD50:97 mg/kg AIPTAK 196,133,72
ipr-mus LD50:210 mg/kg AIPTAK 196,133,72
ivn-mus LD50:27500 ug/kg JMCMAR 21,1079,78

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

HP8530000 6H-DIBENZO(b,d)PYRAN-1-OL, 6a,7,10,10a-TETRAHYDRO-6,6,9-TRIMETHYL-3-PENTYL-, POTASSIUM SULFATE (ester)

UPDT:8308 MW: 404.60 MOLFM: C19-H25-O5-S K
SYN: POTASSIUM SALT of delta(sup 8)-THC SULFATE * delta(sup 8)-TETRAHYDROCANNABINOL SULFATE POTASSIUM SALT * delta(sup 8)-THC SULFATE POTASSIUM SALT

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:71 mg/kg CPBTAL 27,3009,79

HP8575000 6H-DIBENZO(b,d)PYRAN-1-OL, 6,6,9-TRIMETHYL-3-PENTYL-

UPDT:8407 CAS: 521-35-7 MW: 310.47 MOLFM: C21-H26-O2
SYN: 3-AMYL-1-HYDROXY-6,6,9-TRIMETHYL-6H-DIBENZO(b,d)PYRAN * CANNABINOL * CBN

MUTATION DATA AND REFERENCES:

.tni-hmn:hla 10 umol/L ANTRD4 3,211,83
mnt-mus-ipr 50 mg/kg/5D-I PHMGBN 21,277,80
dni-mus:lng 2300 nmol/L CNREA8 36,95,75
dni-mus:leu 2200 nmol/L CNREA8 36,95,76
dni-mus:bmr 308 nmol/L CNREA8 36,95,76
cyt-mus-ipr 50 mg/kg 5D-I PHMGBN 21,277,80
spm-mus-ipr 50 mg/kg/5D-C PHMGBN 18,143,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03 scu-rat TDLo:100 mg/kg (10D male) BIREBV 20,1039,79
1T01 orl-mus TDLo:50 mg/kg (1D male) SCIEAS 216,315,82
1T91 orl-mus TDLo:50 mg/kg (20D preg) SCIEAS 205,1420,79
1T23 orl-mus TDLo:400 mg/kg (8D male) PBBHAU 12,143,80
1T02 orl-mus TDLo:450 mg/kg (9D male) PBBHAU 12,143,80
3T02T09T35 orl-mus TDLo:750 mg/kg (15D male) SCIEAS 216,315,82

TOXICITY DATA AND REFERENCES:

ivn-rbt LDLo:126 mg/kg JPETAB 88,154,46

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP8750000 6H-DIBENZO(b,d)PYRAN-6-ONE, 2-ACETAMIDO-

UPDT:8401 CAS: 5096-19-5 MW: 252.26 MOLFM: C15-H10-N-O3
SYN: N-6-(3,4-BENZOCOUMARINYL)ACETAMIDE * N-(6-OXO-6H-DIBENZO(b,d)PYRAN-1-YL)ACETAMIDE

TUMORIGENIC DATA AND REFERENCES:

2V01R60 orl-rat TDLo:5000 mg/kg CNREA8 26,619,66
2V03R60 orl-rat TD :9000 mg/kg/27D-I CNREA8 28,924,68

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP8755000 6H-DIBENZO(b,d)PYRAN-6-ONE, 3,7-DIHYDROXY-9-METHOXY-1-METHYL-

UPDT:8303 CAS: 23452-05-3 MW: 272.27 MOLFM: C15-H12-O5
SYN: ALTERNARIOL 9-METHYL ETHER * ALTERNARIOL MONOMETHYL ETHER * AME * 3,7-DIHYDROXY-9-METHOXY-1-METHYL-6H-DIBENZO(b,d)PYRAN-6-ONE

MUTATION DATA AND REFERENCES:

mmo-sat 500 ug/plate MUREAV 78,33,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34 ipr-ham TDLo:200 mg/kg (8D preg) TOXID9 1,35,81
1T25 ipr-ham TDLo:200 mg/kg (8D preg) FCTOD7 20,899,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIBENZOPYRAZINE see: SG1360000

HP8780000 DIBENZO(c,f)PYRAZINO(1,2-a)AZEPINE, 1,2,3,4,10,14b-HEXAHYDRO-2-METHYL-, MONOHYDROCHLORIDE

UPDT:8412 CAS: 21535-47-7 MW: 300.86 MOLFM: C18-H20-N2 Cl-H
SYN: ATHYMIL * BOLVIDON * GB 94 * 1,2,3,4,10,14b-HEXAHYDRO-2-METHYLDIBENZO(c,f)PYRAZINO(1,2-a)AZEPINE HYDROCHLORIDE * MIANSERINE HYDROCHLORIDE * MIANSERIN HYDROCHLORIDE * NORVAL * ORG GB 94 * TOLUON * TOLVIN * TOLVON

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 orl-rat TDLo:5 mg/kg (1D pre) DCTODJ 7,41,84

TOXICITY DATA AND REFERENCES:

3F08G10J30 orl-wmn TDLo:28 mg/kg/5W BMJOAE 284,1912,82
3F07J22R21 orl-rat LD50:1884 mg/kg SKKNAJ 31,112,79
2F05F17 ipr-rat LD50:262 mg/kg SKKNAJ 31,112,79
* ivn-rat LD50:31850 ug/kg IYKEDH 14,484,83
2D28F07 orl-mus LD50:224 mg/kg SKKNAJ 31,112,79
* ipr-mus LD50:117 mg/kg IYKEDH 14,484,83
2D28R21 scu-mus LD50:118 mg/kg SKKNAJ 31,112,79
* ivn-mus LD50:45190 ug/kg IYKEDH 14,484,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HP8790000 DIBENZO(b,f)PYRAZOLO(3,4-d)AZEPINE, 1,3a,8,12b-TETRAHYDRO-8-(3-(DIMETHYLAMINO)-2- METHYLPROPYL)-1,3-DIPHENYL-, MONOHYDROCHLORIDE

UPDT:8406 MW: 523.17 MOLFM: C33-H34-N4 Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:200 mg/kg APFRAD 41,465,83

HP8795000 DIBENZO(b,f)PYRAZOLO(3,4-d)AZEPINE, 1,3a,8,12b-TETRAHYDRO-1,3-DIPHENYL-, MONOHYDROCHLORIDE

UPDT:8406 MW: 423.97 MOLFM: C27-H21-N3 Cl-H
SYN: DIPHENYL-1,3 TETRAHYDRO-1,3a,8,12b(DIBENZO(b,f)PYRAZOLO(3,4-d)AZEPINE CHLORHYDRATE (French) * 1,3-DIPHENYL-1,3a,8,12b-TETRAHYDRODIBENZO(b,f)PYRAZOLO(3,4-d)AZEPINE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:750 mg/kg APFRAD 41,465,83

DIBENZO(a,d)PYRENE see: HO6125000
DIBENZO(a,e)PYRENE see: QL0175000
DIBENZO(c,h)PYRENE see: HO5775000
DIBENZO(a,l)PYRENE see: DI5775000
DIBENZO(a,l)PYRENE see: HO6125000
DIBENZO(b,h)PYRENE see: DI5775000
DIBENZO(cd,jk)PYRENE see: HO5900000
1,2:3,4-DIBENZOPYRENE see: HO6125000
1,2,4,5-DIBENZOPYRENE see: QL0175000
1,2,6,7-DIBENZOPYRENE see: HO5775000
1,2,7,8-DIBENZOPYRENE see: DI5775000
1,2,9,10-DIBENZOPYRENE see: HO6125000
2,3:4,5-DIBENZOPYRENE see: HO6125000
3,4,8,9-DIBENZOPYRENE see: HO5775000
3,4:9,10-DIBENZOPYRENE see: DI5775000
DIBENZO(a,b)PYRENE-7,14-DIONE see: HO7030000
2,3,7,8-DIBENZOPYRENE-1,6-QUINONE see: HO7030000
DIBENZO(b,e)PYRIDINE see: AR7175000
DIBENZOPYRROLE see: FE3150000
DIBENZO(b,d)PYRROLE see: FE3150000
4H-DIBENZO(de,g)QUINOLINE, 6-(CYCLOPROPYLMETHYL)-5,6,6a,7-TETRAHYDRO-1,2-DIMETHOXY-(9CI) see: RB5916000
4H-DIBENZO(de,g)QUINOLINE-10,11-DIOL, 5,6,6a,7-TETRAHYDRO-6-METHYL- see: CE0700000
4H-DIBENZO(de,g)QUINOLINE-10,11-DIOL, 5,6,6a,7 TETRAHYDRO-6-METHYL-, DIACETATE (ester) see: CE0710000
4H-DIBENZO(de,g)QUINOLINE-10,11-DIOL, 5,6,6a,7-TETRAHYDRO-6-METHYL-, HCl, (R)-, HEMIHYDRATE see: CE0800000

HQ1750000 4H-DIBENZO(de,g)QUINOLINE-10,11-DIOL, 5,6,6a,7-TETRAHYDRO-6-METHYL-, HYDROCHLORIDE, (R)-

UPDT:8405 CAS: 314-19-2 MW: 303.81 MOLFM: C17-H17-N-O2 Cl-H
SYN: APOMORPHINE CHLORIDE * APOMORPHINE HYDROCHLORIDE * (-)-APOMORPHINE HYDROCHLORIDE * APOMORPHINIUM CHLORIDE * (-)-APOMORPHINIUM HYDROCHLORIDE * 6a-beta-APORPHINE-10,11-DIOL HYDROCHLORIDE * N-METHYLNORAPOMORPHINE HYDROCHLORIDE * 6a-beta-NORAPORPHINE-10,11-DIOL, 6-METHYL-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

ivn-mus LD50:38 mg/kg TXAPA9 6,334,64
* ipr-mus LD50:145 ug/kg JMCMAR 18,1194,75
ivn-mus LD50:71 mg/kg JMCMAR 18,1000,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

4H-DIBENZO(de,g)QUINOLINE-10,11-DIOL, 5,6,6a,7-TETRAHYDRO-6-PROPYL-, DIACETATE (ester) see: RB5985000
4H-DIBENZO(de,g)QUINOLINE, 5,6,6a,7-TETRAHYDRO-1,2-DIMETHOXY-, (+-)- (9CI) see: RB5916300
4H-DIBENZO(de,g)QUINOLINE, 5,6,6a,7-TETRAHYDRO-1,2-DIMETHOXY-6-METHYL- (9CI) see: CE0340000
4H-DIBENZO(de,g)QUINOLINE, 5,6,6a,7-TETRAHYDRO-1,2-DIMETHOXY-6-METHYL-, (R)- (9CI) see: CE0350000
4H-DIBENZO(de,g)QUINOLINE, 5,6,6a,7-TETRAHYDRO-1,2-DIMETHOXY-6-PROPYL- see: RB5917000

HQ1775000 4H-DIBENZO(de,g)QUINOLINE, 5,6,6a,7-TETRAHYDRO-9-(4,5-DIMETHOXY-2-((1,2,3,4-TETRAHYDRO-6,7- DIMETHOXY-2-METHYL-1-ISOQUINOLINYL)METHYL)PHENOXY)-1,2,10-TRIMETHOXY-6-METHYL-

UPDT:8309 CAS: 3373-42-2 MW: 696.91 MOLFM: C41-H48-N2-O8
SYN: NSC 68075 * TALIBLASTIN * TALIBLASTINE * THALIBLASTINE * THALICARPIN * THALICARPINE * (-)-THALICARPINE

MUTATION DATA AND REFERENCES:

dni-mus:leu 100 umol/L CNREA8 33,3112,73
oms-mus:leu 100 umol/L CNREA8 33,3112,73
dnd-mam:lym 125 ug/L JPMSAE 63,474,74

TOXICITY DATA AND REFERENCES:

ivn-rat LD50:500 mg/kg NCIAL* -,60,69
orl-mus LD50:1542 mg/kg NCIAL* -,60,69
ipr-mus LD50:247 mg/kg TXAPA9 17,284,70
3F13F18F19 ivn-mus LD50:43700 ug/kg NTIS** PB82-166299
ivn-mky LDLo:42 mg/kg TXAPA9 22,304,72

4H-DIBENZO(de,g)QUINOLINE, 5,6,6a,7-TETRAHYDRO-1,2,9,10-TETRAMETHOXY-, (S)- see: RB6000200

HQ1777500 4H-DIBENZO(de,g)QUINOLINE, 5,6,6a,7-TETRAHYDRO-1,2,9,10-TETRAMETHOXY-6-METHYL-, PHOSPHATE (2:3), (S)-

UPDT:8311 MW: 502.44 MOLFM: C21-H25-N-O4 .3/2H3-O4-P
SYN: D-GLAUCINE PHOSPHATE (2:3)

TOXICITY DATA AND REFERENCES:

2F29J30 orl-mus LD50:350 mg/kg GWXXBX #3004084

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

2F29J30 ipr-mus LD50:180 mg/kg GWXXBX #3004084

HQ1777700 4H-DIBENZO(de,g)QUINOLINIUM, 5,6,6a,7-TETRAHYDRO-1,9-DIHYDROXY-2,10-DIMETHOXY-6,6-DIMETHYL-, CHLORIDE, (S)-
UPDT:8406 CAS: 37791-15-4 MW: 377.90 MOLFM: C20-H24-N-O4 Cl
SYN: LAURIFOLINE CHLORIDE * (+)-LAURIFOLINE CHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F12J30 ipr-mus LD50:14 mg/kg JJPAAZ 7,135,58

4H-DIBENZO(de,g)QUINOLINIUM, 5,6,6a,7-TETRAHYDRO-6-METHYL-6-PROPYL-, IODIDE, (R)- see: CE0990000
4H-DIBENZO(de,g)QUINOLIN-1-OL, 5,6,6a,7-TETRAHYDRO-2-METHOXY- see: RB6009000
4H-DIBENZO(de,g)QUINOLIN-1-OL, 5,6,6a,7-TETRAHYDRO-2-METHOXY-6-METHYL- see: CE1040000

HQ1791000 6H-DIBENZO(a,g)QUINOLIZINE, 5,8,13,13a-TETRAHYDRO-2,3,10,11-TETRAMETHOXY-, (+-)-
UPDT:8412 CAS: 13407-95-9 MW: 355.47 MOLFM: C21-H25-N-O4
TOXICITY DATA AND REFERENCES:
3F07F33J25 ipr-mus LD50:90 mg/kg JJPAAZ 16,10,66

HQ1792000 6H-DIBENZO(a,g)QUINOLIZINE, 5,8,13,13a-TETRAHYDRO-2,3,10,11-TETRAMETHOXY-, (R)-
UPDT:8412 CAS: 6872-27-1 MW: 355.47 MOLFM: C21-H25-N-O4
TOXICITY DATA AND REFERENCES:
3F07F33J24 ipr-mus LD50:180 mg/kg JJPAAZ 16,10,66

HQ1793000 6H-DIBENZO(a,g)QUINOLIZINE, 5,8,13,13a-TETRAHYDRO-2,3,10,11-TETRAMETHOXY-, (S)-
UPDT:8411 CAS: 523-02-4 MW: 355.47 MOLFM: C21-H25-N-O4
TOXICITY DATA AND REFERENCES:
3F07F33J25 ipr-mus LD50:62 mg/kg JJPAAZ 16,10,66

6H-DIBENZO(a,g)QUINOLIZINE, 5,8,13,13a-TETRAHYDRO-2,3,10,11-TETRAMETHOXY-, CITRATE, (S)- see: DR9810000

HQ1828000 DIBENZO(1,2,5)THIADIAZEPINE, 6,11-DIHYDRO-11-(3-(DIMETHYLAMINO)PROPYL)-6-METHYL-, 5,5- DIOXIDE
UPDT:8305 CAS: 7200-23-9 MW: 331.47 MOLFM: C17-H21-N3-O2-S
SYN: 11-(3-(DIMETHYLAMINO)PROPYL)-6-METHYL-6,11-DIHYDRODIBENZO(1,2,5)THIADIAZEPINE 5,5-DIOXIDE * 6-METHYL 11 (3-DIMETHYLAMINOPROPYL)DIBENZO(c,f)(1,2,5)THIADIAZEPINE 5,5-DIOXYDE (French)
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:240 mg/kg APFRAD 24,445,66
3F12F17F19 ivn-mus LD50:23 mg/kg APFRAD 24,445,66
3F12F17F19 ims-mus LD50:380 mg/kg APFRAD 24,445,66

DIBENZOTHIAZINE see: SN5075000
DIBENZO-1,4-THIAZINE see: SN5075000
DI-2-BENZOTHIAZOLYL DISULFIDE see: DL4550000
DIBENZOTHIAZYL DISULFIDE see: DL4550000
2,2'-DIBENZOTHIAZYL DISULFIDE see: DL4550000
N-2-DIBENZOTHIENYLACETAMIDE see: AB6200000
N-3-DIBENZOTHIENYLACETAMIDE see: AB6202000
N-3-DIBENZOTHIENYLACETAMIDE 5-OXIDE see: AB6220000

HQ2525000 DIBENZO(b,f)THIEPIN-2-ACETIC ACID, 10,11-DIHYDRO-alpha,8-DIMETHYL-
UPDT:8303 MW: 312.40 MOLFM: C18-H16-O3-S
SYN: 10,11-DIHYDRO-alpha,8-DIMETHYL-11-OXO-DIBENZO(b,f)THIEPIN-2-ACETIC ACID * PROPIONIC ACID, 2-(8-METHYL-10,11-DIHYDRO-11-OXODIBENZO(b,f)THIEPIN-2-YL)- * 2-(8-METHYL-10,11-DIHYDRO-11-OXODIBENZO(b,f)THIEPIN-2-YL)PROPIONIC ACID
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-rat LD50:100 mg/kg JMCMAR 25,1065,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ2530000 DIBENZO(b,f)THIEPIN, 3-(ALLYLOXY)-10-ETHYL-11-PHENYL-
UPDT:8401 CAS: 85850-82-4 MW: 370.53 MOLFM: C-5-H22-O-S
SYN: 3-(ALLYLOXY)-10-ETHYL-11-PHENYLDIBENZO(b,f)THIEPIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:30 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ2541700 DIBENZO(b,f)THIEPIN, 2-CHLORO-11-(2-(DIMETHYLAMINO)ETHOXY)-
UPDT:8403 MW: 331.88 MOLFM: C18-H18-Cl-N-O-S
SYN: 2-((8-CHLORODIBENZO(b,f)THIEPIN-10-YL)OXY)-N,N-DIMETHYLETHANAMINE * 2-CHLOR-11-(2-DIMETHYAMINOAETHOXY)-DIBENZO(b,f)-THIEPIN (German) * 2-CHLORO-11-(2-(DIMETHYLAMINO)ETHOXY)DIBENZO(b,f)THIEPIN * 2-CHLORO-11-(2-DIMETHYLAMINOETHOXY)-DIBENZO(b,f)THIEPINE * LODOPIN * ZOTEPINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:176 mg/kg (7-17D preg) ARZNAD 29,1600,79
1T72 orl-rat TDLo:44 mg/kg (7-17D preg) ARZNAD 29,1600,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:306 mg/kg ARZNAD 29,1600,79
ipr-rat LD50:97 mg/kg ARZNAD 29,1600,79
scu-rat LD50:1290 mg/kg ARZNAD 29,1600,79
* ivn-rat LD50:36800 ug/kg NIIRDN 6,APP-12,82
orl-mus LD50:108 mg/kg ARZNAD 29,1600,79
ipr-mus LD50:36 mg/kg ARZNAD 29,1600,79
scu-mus LD50:85 mg/kg ARZNAD 29,1600,79
ivn-mus LD50:43 mg/kg ARZNAD 29,1600,79
ivn-dog LD50:27 mg/kg ARZNAD 29,1600,79
orl-rbt LD50:250 mg/kg ARZNAD 29,1600,79
ivn-rbt LD50:24 mg/kg ARZNAD 29,1600,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ2634000 DIBENZO(b,f)THIEPIN, 7-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYL-10-PHENYL-
UPDT:8401 CAS: 85850-77-7 MW: 401.60 MOLFM: C26-H27-N-O-S
SYN: 7-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYL-10-PHENYLDIBENZO(b,f)THIEPIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:5 mg/kg (4D preg) JMCMAR 26,1131,83
1T13 orl-rat TDLo:15 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ2636000 DIBENZO(b,f)THIEPIN, 3-METHOXY-10-METHYL-11-PHENYL-
UPDT:8401 CAS: 83807-06-1 MW: 330.46 MOLFM: C22-H18-O-S
SYN: 3-METHOXY-10-METHYL-11-PHENYLDIBENZO(b,f)THIEPIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:75 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ2660000 DIBENZO(b,e)THIEPIN-11-OL, 6,11-DIHYDRO-8-METHOXY-11-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 36547-32-7 MW: 484.09 MOLFM: C27-H29-N-O3-S Cl-H
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:90 mg/kg (4D pre/1-5D preg) JMCMAR 14,1185,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ2800000 DIBENZO(b,e)THIEPIN-11-PROPYLAMINE, 6,11-DIHYDRO-N,N-DIMETHYL-
UPDT:8408 CAS: 1886-45-9 MW: 297.49 MOLFM: C19-H23-N-S
SYN: d,l-11-(3-DIMETHYLAMINOPROPYL)-6,11-DIHYDRODIBENZO(b,d)THIEPIN * HYDROTHIADENE * IDROTIADENE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:290 mg/kg 27ZQAG -,76,72
ivn-mus LD50:36 mg/kg 27ZQAG -,76,72

HQ2975000 DIBENZO(b,e)THIEPIN-delta(sup 11(6H),gamma)-PROPYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8408 CAS: 897-15-4 MW: 331.93 MOLFM: C19-H21-N-S Cl-H
SYN: 11-(3-DIMETHYLAMINOPROPYLIDENE)-6,11-DIHYDRODIBENZO(b,e)THIEPINE HYDROCHLORIDE * N,N-DIMETHYLDIBENZO(b,e)THIEPIN-delta(sup 11(6H),gamma)-PROPYLAMINE HYDROCHLORIDE * DOSULEPIN CHLORIDE * DOSULEPIN HYDROCHLORIDE * DOTHIEPIN HYDROCHLORIDE * 1-PROPANAMINE, 3-DIBENZO(b,e)THIEPIN-11(6H)-YLIDENE-N,N-DIMETHYL-, HYDROCHLORIDE * PROTHIADENE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-rat TDLo:540 mg/kg (17-22D preg/21D post) IYKEDH 14,582,83
1T81 orl-rat TDLo:1080 mg/kg (17-22D preg/21D post) IYKEDH 14,582,83
1T86 orl-rat TDLo:270 mg/kg (17-22D preg/21D post) IYKEDH 14,582,83
1T46 orl-rat TDLo:40 mg/kg (8W male/2W pre/1-7D preg) IYKEDH 14,571,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:260 mg/kg 27ZQAG -,88,72
3C08F19J30 ipr-rat LD50:105 mg/kg IYKEDH 14,192,83
scu-rat LD50:760 mg/kg 27ZQAG -,88,72
ivn-rat LD50:24 mg/kg 27ZQAG -,88,72
orl-mus LD50:209 mg/kg 27ZQAG -,88,72
3C08F19J30 ipr-mus LD50:116 mg/kg IYKEDH 14,192,83
3C08F19J30 scu-mus LD50:620 mg/kg IYKEDH 14,192,83
3C08F19J30 ivn-mus LD50:29200 ug/kg IYKEDH 14,192,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ2976000 DIBENZO(b,e)THIEPIN-delta(sup 11(6H),gamma)-PROPYLAMINE, N,2-DIMETHYL-, HYDROCHLORIDE, (E)-
UPDT:8411 CAS: 21465-97-4 MW: 331.93 MOLFM: C19-H21-N-S Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:48 mg/kg CCCCAK 34,1019,69

HQ3150000 DIBENZO(b,e)THIEPIN-delta(sup 11(6H),gamma)-PROPYLAMINE, N-METHYL-, HYDROCHLORIDE
UPDT:8408 CAS: 844-12-2 MW: 317.90 MOLFM: C18-H19-N-S Cl-H
SYN: trans-11-(3-METHYLAMINOPROPYLIDENE)-6,11-DIHYDRODIBENZO(b,e)THIEPINE HYDROCHLORIDE * NORTHIADENE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:340 mg/kg 27ZQAG -,83,72
ivn-mus LD50:28 mg/kg 27ZQAG -,83,72

HQ3306000 DIBENZO(b,e)THIEPIN-delta(sup 11(6H),gamma)-PROPYLAMINE, N,N,2-TRIMETHYL-, 5,5-DIOXIDE, MALEATE (1:1), (E)-
UPDT:8412 CAS: 21508-40-7 MW: 457.58 MOLFM: C20-H23-N-O2-S C4-H4-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:37 mg/kg CCCCAK 34,1019,69

HQ3326000 DIBENZO(b,e)THIEPIN-delta(sup 11(6H),gamma)-PROPYLAMINE, N,N,2-TRIMETHYL-, HYDROCHLORIDE, (E)-
UPDT:8411 CAS: 23788-30-9 MW: 345.96 MOLFM: C20-H23-N-S Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:34 mg/kg CCCCAK 34,1019,69

HQ3327000 DIBENZO(b,e)THIEPIN-delta(sup 11(6H),gamma)-PROPYLAMINE, N,N,2-TRIMETHYL-, HYDROCHLORIDE, (Z)-
UPDT:8411 CAS: 23735-15-1 MW: 345.96 MOLFM: C20-H23-N-S Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg CCCCAK 34,1019,69

HQ3340000 DIBENZO(b,e)THIEPIN-delta(sup 11(6H),gamma)-PROPYLAMINE, N,N,2-TRIMETHYL-, 5-OXIDE, MALEATE (1:1), (E)-
UPDT:8411 CAS: 21465-96-3 MW: 441.58 MOLFM: C20-H23-N-O-S C4-H4-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg CCCCAK 34,1019,69

3-DIBENZO(b,e)THIEPIN-11(6H)-YLIDENE-N,N-DIMETHYL-1-PROPAMINE see: UI1555000

HQ3480000 6H-DIBENZO(b,f)THIOCIN, 3-(ALLYLOXY)-11-ETHYL-12-PHENYL-
UPDT:8401 CAS: 85850-84-6 MW: 384.56 MOLFM: C26-H24-O-S
SYN: 3-(ALLYLOXY)-11-ETHYL-12-PHENYL-6H-DIBENZO(b,f)THIOCIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:5 mg/kg (4D preg) JMCMAR 26,1131,83
1T13 orl-rat TDLo:15 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ3490000 6H-DIBENZO(b,f)THIOCIN, 3-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYL-12-PHENYL-
UPDT:8401 CAS: 85850-79-9 MW: 415.63 MOLFM: C27-H29-N-O-S
SYN: 3-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYL-12-PHENYL-6H-DIBENZO(b,f)THIOCIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:500 ug/kg (4D preg) JMCMAR 26,1131,83
1T13 orl-rat TDLo:3 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ3950000 DIBENZ(b,f)(1,4)OXAZEPINE
UPDT:8402 CAS: 257-07-8 MW: 195.23 MOLFM: C13-H9-N-O
SYN: CR * EA 3547
IRRITATION DATA AND REFERENCES:
skn-hmn 500 ug/1H MLD BJDEAZ 90,657,74
eye-man 17 ng APTOA6 35,412,74
eye-rbt 5 mg MLD ARTODN 34,183,75
eye-rbt 1540 ng APTOA6 35,412,74
eye-gpg 682 ng APTOA6 35,412,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ihl-rat TCLo:2 mg/m3/5M (6-15D preg) TXAPA9 29,301,74
1T25 ivn-rbt TDLo:47400 ug/kg (14-16D preg) TXAPA9 29,301,74
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 ihl-mus TCLo:236 mg/m3/18W-I TOLED5 17,13,83
3V03J60L60 ihl-mus TC :204 mg/m3/18W-I TOLED5 17,13,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5900 mg/kg TXCYAC 8,347,77
ipr-rat LD50:766 mg/kg TXCYAC 8,347,77
ivn-rat LD50:68 mg/kg TXCYAC 8,347,77
ihl-mus LCLo:1500 mg/m3/113M TXCYAC 8,347,77
ivn-mus LD50:112 mg/kg TXCYAC 8,347,77
orl-rbt LD50:1760 mg/kg TXCYAC 8,347,77
ihl-rbt LCLo:1500 mg/m3/113M TXCYAC 8,347,77
ivn-rbt LD50:47 mg/kg TXAPA9 29,301,74
orl-gpg LD50:629 mg/kg TXCYAC 8,347,77

BEST COPY AVAILABLE

ihl-gpg	LCLo:1500 mg/m3/113M	TXCYAC 8,347,77
ipr-gpg	LD50:463 mg/kg	TXCYAC 8,347,77
ihl-ham	LCLo:1850 mg/m3/200M	TXCYAC 8,347,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ4025000 DIBENZ(b,f)(1,4)OXAZEPINE, 2-CHLORO-11-(4-METHYL-1-PIPERAZINYL)-
UPDT:8406 CAS: 1977-10-2 MW: 327.84 MOLFM: C18-H18-Cl-N3-O
SYN: 2-CHLORO-11-(4-METHYL-1-PIPERAZINYL)-DIBENZO(b,f)(1,4)OXAZEPINE * 2-CHLORO-11-(4-METHYL-1-PIPERAZINYL)-DIBENZO(b,f)(1,4)OXAZEPINE * CL-62362 * CL-71563 * CLOXAZEPINE * DIBENZACEPIN * DIBENZOAZEPINE * HF3170 * LOXAPINE * LW 3170 * OXILAPINE * S-805 * SUM 3170

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T72	orl-rat TDLo:24 mg/kg (9-14D preg)	OYYAA2 4,305,70
1T25	orl-rat TDLo:6 mg/kg (9-14D preg)	OYYAA2 4,305,70
1T03	orl-rat TDLo:960 mg/kg (30D male)	OYYAA2 4,293,70
1T12	orl-rat TDLo:960 mg/kg (30D pre)	OYYAA2 4,293,70
1T13	orl-rat TDLo:455 mg/kg (60D pre)	OYYAA2 4,293,70
3T34T76T81	orl-mus TDLo:6 mg/kg (7-12D preg)	OYYAA2 4,305,70
1T25	orl-mus TDLo:24 mg/kg (7-12D preg)	OYYAA2 4,305,70
1T12	orl-mus TDLo:150 mg/kg (30D pre)	OYYAA2 4,293,70

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:151 mg/kg	OYYAA2 4,293,70
	ipr-rat LD50:35 mg/kg	OYYAA2 4,293,70
	scu-rat-LD50:350 mg/kg	OYYAA2 4,293,70
	ivn-rat LD50:18 mg/kg	OYYAA2 4,293,70
	orl-mus LD50:40 mg/kg	27ZQAG -,79,72
	ipr-mus LD50:27 mg/kg	27ZQAG -,79,72
	scu-mus LD50:53 mg/kg	OYYAA2 4,293,70
	ivn-mus LD50:22 mg/kg	OYYAA2 4,293,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ4025500 DIBENZ(b,f)(1,4)OXAZEPINE, 2-CHLORO-11-(1-PIPERAZINYL)-
UPDT:8311 CAS: 14028-44-5 MW: 313.81 MOLFM: C17-H16-Cl-N3-O
SYN: AMOXAPINE * AMOXEPINE * 2-CHLORO-11-(1-PIPERAZINYL)DIBENZ(b,f)(1,4)OXAZEPINE * CL 67772 * DEMOLOX

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:313 mg/kg	IYKEDH 11,811,80
3D28F17F21	ipr-rat LD50:201 mg/kg	AIPTAK 233,107,78
*	orl-mus LD50:122 mg/kg	AIPTAK 233,107,78
3D28F17F21	ipr-mus LD50:112 mg/kg	AIPTAK 233,107,78
*	scu-mus LD50:385 mg/kg	IYKEDH 11,811,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ4028500 DIBENZ(b,f)(1,4)OXAZEPINE, 11-(4-METHYL-1-PIPERAZINYL)-2-NITRO-
UPDT:8408 CAS: 21636-37-3 MW: 338.40 MOLFM: C18-H18-N4-O3
SYN: 11-(4-METHYLPIPERAZINO)-2-NITRODIBENZOXAZEPINE * 11-(4-METHYL-1-PIPERAZINYL)-2-NITRODIBENZ(b,f)(1,4)OXAZEPINE

TOXICITY DATA AND REFERENCES:

1F12	orl-mus LDLo:200 mg/kg	IJEBA6 12,217,74

HQ4029500 DIBENZ(b,f)(1,4)OXAZEPIN-11(10H)-ONE, 10-(3-(DIMETHYLAMINO)PROPYL)-2-NITRO-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 16398-39-3 MW: 377.86 MOLFM: C18-H19-N3-O4 Cl-H
SYN: CIBA 3330-Go * 10-(3-(DIMETHYLAMINO)PROPYL)-2-NITROBENZ(b,f)(1,4)OXAZEPIN-11(10H)-ONE HYDROCHLORIDE * NITROXAZEPINE * SINTAMIL

TOXICITY DATA AND REFERENCES:

3F12F17J22	orl-rat LD50:1690 mg/kg	IJEBA6 12,252,74
3F12F17J22	scu-rat LD50:1074 mg/kg	IJEBA6 12,252,74
3F12F17J22	ivn-rat LD50:55 mg/kg	IJEBA6 12,252,74
3F12F17J22	orl-mus LD50:629 mg/kg	IJEBA6 12,252,74
3F12F17J22	ipr-mus LD50:117 mg/kg	IJEBA6 12,252,74
3F12F17J22	scu-mus LD50:273 mg/kg	IJEBA6 12,252,74
3F12F17J22	ivn-mus LD50:51 mg/kg	IJEBA6 12,252,74
3F12F17J22	ims-mus LD50:190 mg/kg	IJEBA6 12,252,74
3D15D16F12	orl-dog LDLo:1500 mg/kg	IJEBA6 12,252,74
3F11F12J26	ivn-dog LDLo:60 mg/kg	IJEBA6 12,252,74
*	ims-dog LDLo:200 mg/kg	IJEBA6 12,252,74
3D15D16F12	orl-mky LDLo:1 gm/kg	IJEBA6 12,252,74
3F11F12F17	ivn-mky LDLo:40 mg/kg	IJEBA6 12,252,74
3D15D16F12	orl-cat LDLo:200 mg/kg	IJEBA6 12,252,74
3F11F12J26	ivn-cat LDLo:50 mg/kg	IJEBA6 12,252,74
3D15D16F12	orl-rbt LDLo:500 mg/kg	IJEBA6 12,252,74
3F11F12F17	ivn-rbt LDLo:30 mg/kg	IJEBA6 12,252,74

HQ4083000 DIBENZ(b,f)OXEPIN-2-ACETIC ACID, 10,11-DIHYDRO-alpha,8-DIMETHYL-11-OXO-
UPDT:8402 CAS: 78499-27-1 MW: 296.34 MOLFM: C18-H16-O4
SYN: AD-1590 * 10,11-DIHYDRO-alpha,8-DIMETHYL-11-OXO-DIBENZ(b,f)OXEPIN-2-ACETIC ACID * PROPIONIC ACID, 2-(8-METHYL-10,11-DIHYDRO-11-OXODIBENZ(b,f)OXEPIN-2-YL)- * 2-(8-METHYL-, 10,11-DIHYDRO-11-OXODIBENZ(b,f)OXEPIN-2-YL)PROPIONIC

TOXICITY DATA AND REFERENCES:

2F29Y55	orl-rat LD50:147 mg/kg	JMCMAR 25,1065,82
3F07F17K12	orl-mus LD50:500 mg/kg	ARZNAD 33,1555,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ4125000 DIBENZ(b,e)OXEPIN-3-ACETIC ACID, 6,11-DIHYDRO-11-OXO, 2-(DIETHYLAMINO)ETHYL ESTER
UPDT:8307 MW: 403.94 MOLFM: C22-H25-N-O4 Cl-H
SYN: N,N-DIETHYLAMINOETHYL 6,11-DIHYDRO-11-OXODIBENZ(b,e)OXEPIN-3-ACETATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:136 mg/kg	JMCMAR 21,633,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ4130000 DIBENZ(b,e)OXEPIN-3-ACETIC ACID, 6,11-DIHYDRO-11-OXO-, (2,3-DIHYDROXYPROPYL) ESTER
UPDT:8307 CAS: 63883-19-2 MW: 342.37 MOLFM: C19-H18-O6
SYN: 2,3-DIHYDROXYPROPYL 6,11-DIHYDRO-11-OXODIBENZ(b,e)OXEPIN-3-ACETATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:95 mg/kg	JMCMAR 21,633,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ4135000 DIBENZ(b,e)OXEPIN-3-ACETIC ACID, 6,11-DIHYDRO-11-OXO-, (2,2-DIMETHYL-1,3-DIOXOLAN-4-YL) METHYL ESTER
UPDT:8307 CAS: 63883-18-1 MW: 382.44 MOLFM: C22-H22-O6
SYN: 2,2-DIMETHYL-1,3-DIOXOLAN-4-YLMETHYL 6,11-DIHYDRO-11-OXODIBENZ(b,e)OXEPIN-3-ACETATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:9331 ug/kg	JMCMAR 21,633,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ4140000 DIBENZ(b,f)OXEPINE, 3-(ALLYLOXY)-10-ETHYL-11-PHENYL-
UPDT:8401 CAS: 83807-07-2 MW: 354.47 MOLFM: C25-H22-O2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-rat TDLo:75 mg/kg (3D pre)	JMCMAR 26,1131,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ4160000 DIBENZ(b,f)OXEPINE, 7-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYL-10-PHENYL-
UPDT:8401 CAS: 83850-76-6 MW: 385.54 MOLFM: C26-H27-N-O2
SYN: 3-(2-(DIMETHYLAMINO)ETHOXY)-10-ETHYL-11-PHENYLDIBENZ(b,f)OXEPINE * 7-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYL-10-PHENYLDIBENZ(b,f)OXEPINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:25 mg/kg (4D preg)	JMCMAR 26,1131,83
1T13	orl-rat TDLo:3 mg/kg (3D pre)	JMCMAR 26,1131,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ4235100 DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE, 3a,12b-DIHYDRO-11-CHLORO-2-(((2-(DIETHYLAMINO) ETHYL)AMINO)METHYL)-, DIMALEATE
UPDT:8306 MW: 635.12 MOLFM: C22-H27-Cl-N2-O3 2C4-H4-O4

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:616 mg/kg	FRPSAX 37,711,82

HQ4235200 DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE, 3a,12b-DIHYDRO-11-CHLORO-2-((DIETHYLAMINO) METHYL)-, HYDROCHLORIDE
UPDT:8306 MW: 396.34 MOLFM: C20-H22-Cl-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

1M10	orl-mus LD50:2000 mg/kg	FRPSAX 37,711,82

HQ4235300 DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE, 3a,12b-DIHYDRO-11-CHLORO-2-((4-(p-METHOXYPHENYL)- 1-PIPERAZINYL)METHYL)-, DIHYDROCHLORIDE
UPDT:8306 MW: 551.93 MOLFM: C27-H27-Cl-N2-O4 2Cl-H

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1458 mg/kg	FRPSAX 37,711,82

HQ4235400 DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE, 3a,12b-DIHYDRO-11-CHLORO-2-(4-METHYL-1- PIPERAZINYLMETHYL)-
UPDT:8306 MW: 386.91 MOLFM: C21-H23-Cl-N2-O3

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:537 mg/kg	FRPSAX 37,711,82

HQ4235500 DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE, 3a,12b-DIHYDRO-11-CHLORO-2-(MORPHOLINOMETHYL)-
UPDT:8306 MW: 373.86 MOLFM: C20-H20-Cl-N-O4
SYN: 11-CHLORO-2-(MORPHOLINOMETHYL)-3a,12b-DIHYDRODIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE * 2-(MORPHOLINOMETHYL)-5-CHLORODIBENZ(2,3:6,7)-3a,12b-DIHYDROOXEPIN(4,5-d)-1,3-DIOXOLANE

TOXICITY DATA AND REFERENCES:

1M10	orl-mus LD50:1350 mg/kg	FRPSAX 37,711,82

HQ4235600 DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE, 3a,12b-DIHYDRO-11-CHLORO-2-((1-PYRROLIDINYL) METHYL)-, HYDROCHLORIDE
UPDT:8306 MW: 394.32 MOLFM: C20-H20-Cl-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:933 mg/kg	FRPSAX 37,711,82

HQ4235700 DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE, 3a,12b-DIHYDRO-2-(4-METHYL-1-PIPERAZINYLMETHYL)-
UPDT:8306 MW: 352.47 MOLFM: C21-H24-N2-O3
SYN: 2-(4-METHYLPIPERAZINOMETHYL)DIBENZ(2,3:6,7)-3a,12b-DIHYDROOXEPIN(4,5-d)-1,3-DIOXOLANE * 2-(4-METHYL-1-PIPERAZINYLMETHYL)-3a,12b-DIHYDRO-DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:309 mg/kg	FRPSAX 37,711,82

HQ4235750 DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE, 3a,12b-DIHYDRO-2-(2-MORPHOLINOETHYL)-
UPDT:8306 MW: 353.45 MOLFM: C21-H23-N-O4
SYN: 2-(beta-MORPHOLINOETHYL)DIBENZ(2,3:6,7)-3a,12b-DIHYDROOXEPIN(4,5-d)-1,3-DIOXOLANE * 2-(2-MORPHOLINOETHYL)-3a,12b-DIHYDRODIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE

TOXICITY DATA AND REFERENCES:

1M10	orl-mus LD50:2000 mg/kg	FRPSAX 37,711,82

HQ4235800 DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE, 3a,12b-DIHYDRO-2-(MORPHOLINOMETHYL)-
UPDT:8306 MW: 339.42 MOLFM: C20-H21-N-O4
SYN: 2-(MORPHOLINOMETHYL)DIBENZ(2,3:6,7)-3a,12b-DIHYDROOXEPIN(4,5-d)-1,3-DIOXOLANE * 2-(MORPHOLINOMETHYL)-3a,12b-DIHYDRODIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE

TOXICITY DATA AND REFERENCES:

1M10	orl-mus LD50:1750 mg/kg	FRPSAX 37,711,82

HQ4236000 DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE, 3a,12b-DIHYDRO-2-(PIPERIDINOMETHYL)-
UPDT:8306 MW: 337.43 MOLFM: C21-H23-N-O3
SYN: 2-(PIPERIDINOMETHYL)DIBENZ(2,3:6,7) 3a,12b DIHYDROOXEPIN(4,5-d)-1,3-DIOXOLANE * 2-(PIPERIDINOMETHYL)-3a,12b-DIHYDRODIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1230 mg/kg	FRPSAX 37,711,82

HQ4236100 DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE, 3a,12b-DIHYDRO-2-((1-PYRROLIDINYL)METHYL)-
UPDT:8306 MW: 323.42 MOLFM: C20-H21-N-O3
SYN: 2-(PYRROLIDINOMETHYL)DIBENZ(2,3:6,7)-3a,12b-DIHYDROOXEPIN(4,5-d)-1,3-DIOXOLANE * 2-((1-PYRROLIDINYL)METHYL)-3a,12b-DIHYDRODIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:708 mg/kg	FRPSAX 37,711,82

HQ4260000 DIBENZ(b,e)OXEPIN-delta(sup 11(6H)),gamma-PROPYLAMINE
UPDT:8408 CAS: 5626-16-4 MW: 251.35 MOLFM: C17-H17-N-O
SYN: DESMETHYLDOXEPIN * KS 1675

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:100 mg/kg	ARZNAD 15,863,65
	orl-mus LD50:118 mg/kg	ARZNAD 15,863,65
	ipr-mus LD50:92 mg/kg	ARZNAD 15,863,65
	ivn-mus LD50:29 mg/kg	ARZNAD 15,863,65
	ivn-rbt LD50:13400 ug/kg	ARZNAD 15,863,65

HQ4300000 DIBENZ(b,e)OXEPIN-delta(sup 11(6H)),gamma-PROPYLAMINE, N,N-DIMETHYL-
UPDT:8408 CAS: 1668-19-5 MW: 279.41 MOLFM: C19-H21-N-O
SYN: 11-(3-DIMETHYLAMINOPROPYLIDENE)-6,11-DIHYDRODIBENZ(b,e)OXEPIN * DOXEPIN

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:60 mg/kg	CTOXAO 10,327,77
	orl-rat LD50:147 mg/kg	ARZNAD 15,863,65
	ipr-rat LD50:182 mg/kg	ARZNAD 15,863,65
	ivn-rat LD50:16 mg/kg	ARZNAD 15,863,65
	orl-mus LD50:135 mg/kg	ARZNAD 15,863,65
	ipr-mus LD50:79 mg/kg	ARZNAD 15,863,65
	ivn-mus LD50:26 mg/kg	ARZNAD 15,863,65
	ivn-rbt LD50:11 mg/kg	ARZNAD 15,863,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ4375000 DIBENZ(b,e)OXEPIN-delta(sup 11(6H),gamma)-PROPYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8408 CAS: 1229-29-4 MW: 315.87 MOLFM: C19-H21-N-O Cl-H

BEST COPY AVAILABLE

SYN: ADAPIN * CIDOXEPIN HYDROCHLORIDE * CURATIN * 11-DIMETHYLAMINO PROPYLIDENE 6H-DIBENZ(b,e)OXEPIN * 11-(3-(DIMETHYLAMINO)PROPYLIDENE)-6,11-DIHYDRODIBENZ(b,e)OXEPIN HYDROCHLORIDE * N,N-DIMETHYLDIBENZ(b,e)OXEPIN-delta (sup 11)(6H,gamma)-PROPYLAMINE HYDROCHLORIDE * DOXEPIN HYDROCHLORIDE * NSC-108160 * P-3693A * P-4599 * 1-PROPANAMINE, 3-DIBENZ(b,e)OXEPIN-11(6H)-YLIDENE-N,N-DIMETHYL-, HYDROCHLORIDE * SINEQUAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-rat TDLo:825 mg/kg (33D pre)	OYYAA2 6,899,72
3T72T76T81	orl-rat TDLo:1620 mg/kg (9-14D preg)	OYYAA2 5,913,71
1T34	orl-rat TDLo:1620 mg/kg (9-14D preg)	OYYAA2 5,913,71
1T46	orl-rat TDLo:60 mg/kg (9-14D preg)	OYYAA2 5,913,71
1T35	orl-rat TDLo:540 mg/kg (9-14D preg)	OYYAA2 5,913,71
2T02T03	orl-rat TDLo:825 mg/kg (33D male)	OYYAA2 6,899,72
1T35	orl-rbt TDLo:900 mg/kg (8-16D preg)	OYYAA2 5,905,71
1T46	orl-rbt TDLo:45 mg/kg (8-16D preg)	OYYAA2 5,905,71

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:90 mg/kg	JATOD3 2,18,78
3F08F23G10	orl-hmn TDLo:9300 ug/kg	JAMAAP 237,2632,77
	orl-rat LD50:147 mg/kg	27ZQAG -,72,72
3F07F12F19	ipr-rat LD50:84 mg/kg	OYYAA2 6,889,72
3F07F12J24	scu-rat LD50:155 mg/kg	OYYAA2 6,889,72
	ivn-rat LD50:13 mg/kg	27ZQAG -,72,72
3F05F12F19	orl-mus LD50:180 mg/kg	OYYAA2 6,889,72
	ipr-mus LD50:79 mg/kg	27ZQAG -,72,72
	scu-mus LD50:160 mg/kg	27ZQAG -,72,72
	ivn-mus LD50:15 mg/kg	27ZQAG -,72,72
	ivn-rbt LD50:11 mg/kg	27ZQAG -,72,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIBENZOYL DIPROPYLENE GLYCOL ESTER see: U88787500
DIBENZOYLPEROXID (German) see: DM8575000
DIBENZOYL PEROXIDE see: DM8575000
DIBENZOYLPEROXYDE (Dutch) see: DM8575000
1,4-DIBENZOYLSEMICARBAZIDE see: VT3275300
DIBENZOYLTARTARIC ACID see: WW8070000
DIBENZOYLTHIAZYL DISULFIDE see: DL4550000
1,2,3,4-DIBENZPHENANTHRENE see: DE7525000
1,2,5,6-DIBENZPHENANTHRENE see: DE7350000
DIBENZ(a,h)PHENAZINE see: HP6475000
1,2,3,4-DIBENZPHENAZINE see: HP6300000
1,2:5,6-DIBENZPHENAZINE see: HP6475000
DIBENZ(a,i)PYRENE see: DI5775000
1,2,3,4-DIBENZPYRENE see: HO6125000
1,2:7,8-DIBENZPYRENE see: DI5775000
3,4,8,9-DIBENZPYRENE see: HO5775000
3,4:9,10-DIBENZPYRENE see: DI5775000
4,5,6,7-DIBENZPYRENE see: HO6125000
1',2',6',7'-DIBENZPYRENE-7,14-QUINONE see: HO7030000
DIBENZTHIAZYL DISULFIDE see: DL4550000
DIBENZYL see: DT4375000

HQ6650000 DIBENZYLAMINE, N-(2-CHLOROETHYL)-
UPDT:8411 CAS: 51-50-3 MW: 259.80 MOLFM: C16-H18-Cl-N
SYN: DIBENAMINE * DIBENZYL CHLOROETHYLAMINE * N,N-DIBENZYL-beta-CHLOROETHYLAMINE * SYMPATHOLYTIN

MUTATION DATA AND REFERENCES:

dni-mus-ivg 2 pph	JIDEAE 62,378,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 unk-mus TDLo:2 mg/kg (1D pre)	FESTAS 12,346,61

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2400 mg/kg	CLDND*
*	ipr-mus LD50:395 mg/kg	AIPTAK 155,69,65
	scu-mus LD50:800 mg/kg	JPETAB 97,25,49
*	ivn-mus LD50:50 mg/kg	AIPTAK 105,317,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HQ6825000 DIBENZYLAMINE, N-(2-CHLOROETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 55-43-6 MW: 296.26 MOLFM: C16-H18-Cl-N Cl-H
SYN: N-(2-CHLOROETHYL)DIBENZYLAMINE HYDROCHLORIDE * DIBENAMINE * DIBENAMINE HYDROCHLORIDE * N,N-DIBENZYLAMINOETHYL CHLORIDE HYDROCHLORIDE * DIBENZYLCHLORETHAMINE HYDROCHLORIDE * DIBENZYLCHLORETHYLAMINE HYDROCHLORIDE * N,N-DIBENZYL-beta-CHLOROETHYLAMINE HYDROCHLORIDE * N,N-DIBENZYL-2-CHLOROETHYLAMINE HYDROCHLORIDE * SYMPATHOLYTIN

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:149 mg/kg	CANCAR 2,1055,49
	scu-mus LD50:800 mg/kg	JPETAB 101,379,51

10-(N-(2-(DIBENZYLAMINO)ETHYL)-beta-ALANYL)PHENOTHIAZINE see: SO3700000
N,N-DIBENZYLAMINOETHYL CHLORIDE HYDROCHLORIDE see: HQ6825000
10-(N-(3-(DIBENZYLAMINO)PROPYL)GLYCYL)PHENOTHIAZINE see: SO3720000
1,1-DIBENZYLBIGUANIDE MONOHYDROCHLORIDE see: DU1788450
DIBENZYLCHLORETHAMINE HYDROCHLORIDE see: HQ6825000
DIBENZYL CHLORETHYLAMINE see: HQ6650000
DIBENZYLCHLORETHYLAMINE HYDROCHLORIDE see: HQ6825000
N,N-DIBENZYL-beta-CHLOROETHYLAMINE see: HQ6650000
N,N-DIBENZYL-beta-CHLOROETHYLAMINE HYDROCHLORIDE see: HQ6825000
N,N-DIBENZYL-2-CHLOROETHYLAMINE HYDROCHLORIDE see: HQ6825000
1,3-DIBENZYLDECAHYDRO-2-OXOIMIDAZO(4,5-c)THIENO(1,2-a)THIOLIUM 10-CAMPHORSULFONATE see: NJ6100000
1,3-DIBENZYLDECAHYDRO-2-OXO-IMIDAZO(4,5-c)THIENO(1,2-a)THIOLIUM 2-OXO-10-BORANESULFONATE see: NJ6100000
7,14-DIBENZYLDIBENZ(a,h)ANTHRACENE see: HN3400000
9,10-DIBENZYL-1,2,5,6-DIBENZANTHRACENE see: HN3400000
DIBENZYLDICHLOROSILANE (DOT) see: VV2977000
DIBENZYLENE see: DP3750000
DIBENZYLETHER (Czech) see: DQ6125000
N,N'-DIBENZYLETHYLENEDIAMINE BIS(BENZYL PENICILLIN) see: XH9425000
N,N'-DIBENZYLETHYLENEDIAMINE DIHYDROCHLORIDE see: KV3450000
DIBENZYLETHYLENEDIAMINE-DI-PENICILLIN G see: XH9425000
N,N'-DIBENZYLETHYLENEDIAMINE, compounded with PENICILLIN G (1:2) see: XH9425000
N,N'-DIBENZYLETHYLENEDIAMINE SALT of BENZYLPENICILLIN see: XH9425000
DIBENZYLINE see: DP3500000
DIBENZYLINE see: DP3750000
DIBENZYLINE HYDROCHLORIDE see: DP3750000
d-3,4-(1',3'-DIBENZYL-2'-KETOIMIDAZOLIDO)-1,2-TRIMETHYLENETHIOPHANIUM d-CAMPHORSULFONATE see: NJ6100000
DIBENZYLMERCURY see: OW2070000
cis-3,4-DIBENZYLOXYSULFOLANE see: XN0454000
trans-3,4-DIBENZYLOXYSULFOLANE see: XN0452000
cis-3,4-DIBENZYLOXYTETRAHYDROTHIOPHENE 1,1-DIOXIDE see: XN0454000
trans-3,4-DIBENZYLOXYTETRAHYDROTHIOPHENE 1,1-DIOXIDE see: XN0452000
2,4-DIBENZYL-3-PENTANONE see: SA8220000
DIBENZYL PEROXYDICARBONATE see: SD9650000
DIBENZYL PEROXYDICARBONATE (DOT) see: SD9650000
DIBENZYL PEROXYDICARBONATE, maximum concentration 87% with water (DOT) see: SD9650000
DIBENZYL PEROXYDICARBONATE, more than 87% with water (DOT) see: SD9650100
1,1 DIBENZYL-5-PHENYLBIGUANIDE MONOHYDROCHLORIDE see: DU1788470
DIBENZYLTIN BIS(DIBUTYLDITHIOCARBAMATE) see: WH6714330
DIBENZYLTIN S,S'-BIS(ISOOCTYLMERCAPTOACETATE) see: AG5975000
DIBENZYRAN see: DP3750000
DIBESTIL see: WJ5775000
DIBESTROL see: WJ5600000
DIBESTROL '2' PREMIX see: WJ5600000
DIBETOS see: DU1135000
DIBONDRIN see: KR6825000
DIBORANE see: HQ9275000
DIBORANE (DOT) see: HQ9275000

HQ9275000 DIBORANE(6)
UPDT:8404 CAS: 19287-45-7 MW: 27.66 MOLFM: B2-H6
SYN: BOROETHANE * BORON HYDRIDE * DIBORANE * DIBORANE (DOT) * DIBORON HEXAHYDRIDE * UN 1911 (DOT)

TOXICITY DATA AND REFERENCES:

ihl-rat LC50:50 ppm/4H	AMIHBC 8,335,53
ihl-mus LC50:29 ppm/4H	TXAPA9 4,215,62
ihl-dog LCLo:350 ppm/15M	AMIHAB 13,346,56
ihl-ham LCLo:50 ppm	AMIHAB 21,519,60

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 6(3),497,73

★ TLV-TWA 100 ppb — DTLVS* 4,122,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.1 ppm (SCP-Q)	FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS	CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE GAS; LABEL:POISON GAS AND FLAMMABLE GAS	CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 341
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIBORON HEXAHYDRIDE see: HQ9275000
DIBOVAN see: KJ3325000
DIBP see: TI1225000
DIBROLUUR see: YS3150000
DIBROM see: TB9450000
1,2-DIBROMAETHAN (German) see: KH9275000
DIBROMANNIT see: OP2800000
DIBROMCHLORPROPAN (German) see: TX8750000
1,2-DIBROM-3-CHLOR-PROPAN (German) see: TX8750000
O-(1,2-DIBROM-2,2-DICHLOR-AETHYL)-O,O-DIMETHYL-PHOSPHAT (German) see: TB9450000
DIBROMODULCITOL see: LW5425000
alpha,p-DIBROMOACETOPHENONE see: AM6950000
2,4'-DIBROMOACETOPHENONE see: AM6950000
N-DIBROMOACETYLBENZOLESULPHONILAMIDE see: AB6351000
DIBROMOACETYLENE (DOT) see: AO9840000
2,4-DIBROMO-1-ANTHRAQUINONYLAMINE see: CB5500000
DIBROMOASPIRIN see: VO2400000
DIBROMOBENZENE see: CZ1780000
DIBROMOBENZENE (DOT) see: CZ1780000
4,4'-DIBROMOBENZILIC ACID ISOPROPYL ESTER see: DD2100000
DIBROMOBICYCLOHEPTANE (mixed isomers) see: DT5075000
cis-DIBROMOBIS(1-PHENYL-1,3-BUTANEDIONATO)TITANIUM(IV) see: XR1928000
DIBROMOBROMETHYLATE de N,N'BIS(DIMETHYLAMINOETHOXY)ETHYLENE (French) see: BQ4353000
3,5-DIBROMO-N-(ω BROMOPHENYL)-2-HYDROXYBENZAMIDE see: VN8925000
1,2-DIBROMOBUTAN-3-ONE (DOT) see: EL7380000
1,4-DIBROMO-2-BUTENE see: EM4550000
1,2-DIBROMO-3-CHLORO-3-(1,1-DIMETHYLETHOXY)PROPYL DIMETHYL PHOSPHATE see: TB9400000
DIBROMOCHLOROMETHANE see: PA6360000
1,2-DIBROMO-3-CHLORO-2-METHYLPROPANE see: TX4600000 PROPANE, 3-CHLORO-1,2-DIBROMO-2-METHYL-
DIBROMOCHLOROPROPANE see: TX8750000
3,4'-DIBROMO-5-CHLOROTHIOSALICYLANILIDE ACETATE (ester) see: VN8230000
1,2-DIBROMO-3-CHLOROPROPANE see: TX8750000
1,2-DIBROMO-3-CHLOROPROPANE (DOT) see: TX8750000
1,2-DIBROMO-3-CLORO-PROPANO (Italian) see: TX8750000
2,6-DIBROMO-4-CYANOPHENOL see: DI3150000
DIBROMODIBUTYLSTANNANE see: WH6882000
DIBROMODIBUTYLTIN see: WH6882000
1,2-DIBROMO-2,2-DICHLOROETHYL 2,3-DICHLOROPROPYL ETHYL PHOSPHATE see: TB9420000
1,2-DIBROMO-2,2-DICHLOROETHYL DIMETHYL PHOSPHATE see: TB9450000
1,2-DIBROMO-2,2-DICHLOROETHYL METHYL PHENYL PHOSPHATE see: TB9500000
O-(1,2-DIBROMO-2,2-DICLORO-ETIL)-O,O-DIMETIL-FOSFATO (Italian) see: TB9450000
1,2-DIBROMO-2,4-DICYANOBUTANE see: MA5599000
1,6-DIBROMO-1,6-DIDEOXYDULCITOL see: LW5425000
1,6-DIBROMO-1,6-DIDEOXYGALACTITOL see: LW5425000
1,6-DIBROMO-1,6-DIDEOXY-D-MANNITOL see: OP2R00000
1,6-DIBROMO-1,6-D-DIDESOXYMANNITOL see: OP2800000
DIBROMODIFLUOROMETHANE see: PA7525000
DIBROMODIFLUOROMETHANE (DOT) see: PA7525000
3,5-DIBROMO-2,6-DIHYDROXYBENZOIC ACID see: VH3708500
4,5-DIBROMO-2,3-DIHYDROXYBENZOIC ACID see: UX2526000
3,5-DIBROMO-2,6-DIHYDROXY-4-METHYLBENZOIC ACID see: VH3708600
(R)-(+)-2-((3,5-DIBROMO-2,6-DIMETHOXYBENZAMIDO)METHYL)-1-ETHYLPYRROLIDINE see: CV3459300
(S)-(-)-2-((3,5-DIBROMO-2,6-DIMETHOXYBENZAMIDO)METHYL)-1-ETHYLPYRROLIDINE HYDROCHLORIDE see: CV3459450
2-((3,5-DIBROMO-2,6-DIMETHOXYBENZAMIDO)METHYL)-1-ETHYLPYRROLIDINE HYDROCHLORIDE see: CV3459400
(R)-(+)-3,5-DIBROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE see: CV3459300
(S)-(-)-3,5-DIBROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE see: CV3459450
3,5-DIBROMO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE see: CV3459400
2,6-DIBROMO-3-((DIMETHYLAMINO)METHYL)-1-METHYLINDOLE HYDROBROMIDE see: NL6200000
DIBROMO(p-(DIMETHYLAMINO)PHENYL)-p-TOLYLTELLURIUM see: WY2640000
DIBROMODIPHENYLSTANNANE see: WH6883100
DIBROMODULCITOL see: LW5425000
1,6-DIBROMODULCITOL see: LW5425000
1,2-DIBROMOETANO (Italian) see: KH9275000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

DIBROMOETHANE see: KH9275000
alpha,beta-DIBROMOETHANE see: KH9275000
sym-DIBROMOETHANE see: KH9275000
1,2-DIBROMOETHANE see: KH9275000
1,2-DIBROMOETHANE (DOT) see: KH9275000
trans-1,2-DIBROMOETHENE see: KV7900000
DIBROMOETHYLENE see: AO9840000
(E)-1,2-DIBROMOETHYLENE see: KV7900000
trans-DIBROMOETHYLENE see: KV7900000
trans-1,2-DIBROMOETHYLENE see: KV7900000
1,2-DIBROMOETHYLENE see: KV7900000
DIBROMOFLUOROPHOSPHINE SULFIDE see: XN2980000
1,2-DIBROMOHEPTAFLUOROISOBUTYL METHYL ETHER see: KO1750000
1,6-DIBROMOHEXAN (German) see: MO1515000
1,6-DIBROMOHEXANE see: MO1515000
3,5-DIBROMO-2-HYDROXYBENZALDEHYDE see: CU5609000
3,5-DIBROMO-4-HYDROXYBENZALDEHYDE-O-(2',4'-DINITROPHENYL)OXIME see: EG7000000
3,5-DIBROMO-4-HYDROXYBENZALDEHYDE 2,4-DINITROPHENYL OXIME see: EG7000000
3,5-DIBROMO-4-HYDROXYBENZALDEHYDE (2',4'-DINITROPHENYL)OXIME see: EG7000000
3,5-DIBROMO-4-HYDROXYBENZONITRILE see: DI3150000
2,7-DIBROMO-4-HYDROXYMERCURIFLUORESCEINE DISODIUM SALT see: LM5250000
4-((3,5-DIBROMO-2-HYDROXYPHENYL)AZO)-6-HEXYLRESORCINOL see: VH0600000
3,5-DIBROMO-4-HYDROXYPHENYLCYANIDE see: DI3150000
3,5-DIBROMO-4-HYDROXYPHENYL 2-ETHYL-3-BENZOFURANYL KETONE see: OB1804200
4-(((3,5-DIBROMO-2-HYDROXYPHENYL)IMINO)METHYL)-6-HEXYLRESORCINOL see: VH0650000
2,5-DIBROMO-4-(2-IODOACETAMIDO)PHENYL THIOCYANATE see: XK9010000 THIOCYANIC ACID, 2,5-DIBROMO-4-(2-IODOACETAMIDO)PHENYL ESTER
DIBROMOMANNITOL see: OP2800000
D-DIBROMOMANNITOL see: OP2800000
1,6-DIBROMOMANNITOL see: OP2800000
DIBROMOMETHANE see: PA7350000
DIBROMOMETHANE (DOT) see: PA7350000
6,8-DIBROMO-2-((o-METHOXYPHENOXY)METHYL)-3-(2-PYRIDYL)-4(3H)-QUINAZOLINONE see: VA3110700
DIBROMOMETHYLATE de DIETHYLAMINOETHYLMORPHINE (French) see: QD0188600
DIBROMOMETHYLATE de PIPERIDINYLETHYLMORPHINE (French) see: QD0189060
3,5-DIBROMOMETHYLBENZOYL DIMETHYLAMINOETHANOL see: DG4398000
2,6-DIBROMO-1-METHYLGRAMINE HYDROBROMIDE see: NL6200000
6,8-DIBROMO-2-((2-METHYLPIPERIDINO)METHYL)-3-(o-TOLYL)-1,2-DIHYDRO-4(3H)-QUINAZOLINONE see: VA3126000
1,2-DIBROMO-2-METHYLPROPANE see: TX8810000
3,5-DIBROMO-4-METHYL-gamma-RESORCYLIC ACID see: VH3708600
DIBROMONEOPENTYL GLYCOL see: TY3195500
3,4-DIBROMONITROSOPIPERIDINE see: TM7054000
DIBROMOOCTYLATE de BIS(DIETHYLAMINOETHYL)PIPERAZINE (French) see: BS3859630
DIBROMOPENTAERYTHRITOL see: TY3195500
1,2-DIBROMOPERFLUOROETHANE see: KH9370300
DIBROMOPHENYLARSINE see: CH2700000
N-(2,6-DIBROMOPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS8096000
1,2-DIBROMOPROPANE see: TX8574000
2,3-DIBROMOPROPANOL see: UB0175000
2,3-DIBROMO-1-PROPANOL see: UB0175000
2,3-DIBROMO-1-PROPANOL DIHYDROGEN PHOSPHATE see: UB0220000
2,3-DIBROMO-1-PROPANOL DIHYDROGEN PHOSPHATE DIAMMONIUM SALT see: UB0222000
2,3-DIBROMO-1-PROPANOL DIHYDROGEN PHOSPHATE MAGNESIUM SALT see: UB0225000
2,3-DIBROMO-1-PROPANOL HYDROGEN PHOSPHATE AMMONIUM SALT see: UB0252000
2,3-DIBROMO-1-PROPANOL PHOSPHATE see: UB0350000
(2,3-DIBROMOPROPYL) PHOSPHATE see: UB0350000
4,5-DIBROMO-o-PYROCATECHUIC ACID see: UX2526000
3,5-DIBROMO-gamma-RESORCYLIC ACID see: VH3708500
1,2-DIBROMOTETRAFLUOROETHANE see: KH9370300
sym-DIBROMOTETRAFLUOROETHANE see: KH9370300
DIBROMOTETRAKIS(PYRIDINE)RHODIUM BROMIDE see: VI9300000
trans-DIBROMOTETRAKIS(PYRIDINE)RHODIUM BROMIDE see: VI9302000
2,4-DIBROMO-6-(2,4,5-TRIBROMO-3-F /RROLYL)PHENOL see: SK8150000
DIBROMOTRIFLUOROMONOCHLOROETHANE see: KH7600000
DIBROMSALAN-TRIBROMSALAN mixt. see: CV3459020
DIBROMURE D'ETHYLENE (French) see: KH9275000
1,2-DIBROOM-3-CHLOORPROPAAN (Dutch) see: TX8750000
O-(1,2-DIBROOM-2,2-DICHLOOR-ETHYL)-O,O-DIMETHYL-FOSFAAT (Dutch) see: TB9450000
1,2-DIBROOMETHAAN (Dutch) see: KH9275000
DIBUCAIN see: GD3150000
DIBUCAIN see: GD3325000
DIBUCAINE see: GD3150000
DIBUCAINE see: GD3325000
DIBUCAINE BASE see: GD3150000
DIbUCAINE HYDROCHLORIDE see: GD3325000
DIBUNOL see: GO7875000
DIBUTALIN see: BW9500000
DIBUTAMID (German) see: AB6365000
DIBUTAMIDE see: AB6365000
2,3:4,5-DI(2-BUTENYL)TETRAHYDROFURFURAL see: HP5075000
DIBUTIL see: SO4900000
DIBUTIN see: NS1750000
1,1-DIBUTOXYETHANE see: AB2700000
1,2-DIBUTOXYETHANE see: KH9450000
2,2'-DIBUTOXYETHYL ETHER see: KN0350000
DI(BUTOXYETHYL)PHTHALATE see: TI0175000
4,5-DIBUTOXY-2-IMIDAZOLIDINONE see: NJ0628000
DIBUTYL ACETAL see: AB2700000
DIBUTYL ACID PHOSPHATE see: TB9605000
DIBUTYL ADIPATE see: AV0900000
DI-n-BUTYL ADIPATE see: AV0900000
DIBUTYL ADIPINATE see: AV0900000

HR7780000 DIBUTYLAMINE
UPDT:8407 CAS: 111-92-2 MW: 129.28 MOLFM: C8-H19-N
SYN: 1-BUTANAMINE, N-BUTYL- * N-BUTYL-1-BUTANAMINE * DI-n-BUTYLAMINE * n-DIBUTYLAMINE * DI(n-BUTYL)AMINE (DOT) * UN 2248 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV — AMIHBC 10,61,54
skn-rbt 500 mg open MOD — UCDS** 3/25/70
eye-rbt 250 ug open SEV — AMIHBC 10,61,54
MUTATION DATA AND REFERENCES:
cyt-ham:fbr 200 mg/L/48H — MUREAV 48,337,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:360 mg/kg — UCDS** 3/25/70
* ihl-rat LCLo:500 ppm/4H — AEHLAU 1,343,60
scu-rat LDLo:330 mg/kg — JPETAB 20,435,23
* skn-rbt LD50:1010 mg/kg — AMIHBC 10,61,54
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE, FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
n-DIBUTYLAMINE see: HR7780000
DI-n-BUTYLAMINE see: HR7780000
DI(n-BUTYL)AMINE (DOT) see: HR7780000

HR8110000 DIBUTYLAMINE, HEXACHLOROSTANNANE (2:1)
UPDT:7906 CAS: 73926-85-9 MW: 591.97 MOLFM: C16-H40-N2-Cl6-Sn
SYN: AMMONIUMYL DIBUTYL-, HEXACHLOROSTANNATE(2-) (2:1) * BIS(DIBUTYLAMMONIUM)HEXACHLOROSTANNATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg — CSLNX* NX#06251
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 — DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) — FEREAC 39,23540,74

HR8115000 DIBUTYLAMINE, HEXAFLUOROARSENATE(1-)
UPDT:7902 CAS: 7128-68-9 MW: 319.21 MOLFM: C8-H19-N-As-F6-H
SYN: DI-N-BUTYLAMMONIUM HEXAFLUOROARSENATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg — CSLNX* NX#04252
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
DIBUTYLAMINE, 4-HYDROXY-N-NITROSO- see: EL1225000
DIBUTYLAMINE, N-NITROSO- see: EJ4025000

HR8401500 Di-sec-BUTYLAMINE, N-NITROSO-
UPDT:8401 CAS: 5330-17-4 MW: 158.28 MOLFM: C8-H18-N2-O
SYN: NITROSODI-sec-BUTYLAMINE
TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 orl-rat TDLo:2750 mg/kg/50W-I — JJIND8 62,407,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HR8401520 DIBUTYLAMINE, N-NITROSO-4,4,4,4',4',4'-HEXAFLUORO-
UPDT:8310 CAS: 83335-32-4 MW: 266.22 MOLFM: C8-H12-F6-N2-O
SYN: N-NITROSO-BIS(4,4,4-TRIFLUOROBUTYL)AMINE * N-NITROSO-4,4,4,4',4',4'-HEXAFLUORODIBUTYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate — CRNGDP 3,781,82
dnd-esc 100 nmol/plate — CRNGDP 3,781,82

HR8401540 DIBUTYLAMINE, N-NITROSO-4,4,4-TRIFLUORO-
UPDT:8309 CAS: 83329-15-1 MW: 212.25 MOLFM: C8-H15-F3-N2-O
SYN: N-NITROSO-4,4,4-TRIFLUORODIBUTYLAMINE * N-NITROSO-4,4,4-TRIFLUOROBUTYL-BUTYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate — CRNGDP 3,781,82
dnd-esc 100 nmol/tube — CRNGDP 3,781,82
DIBUTYLAMINOETHANOL see: KK3850000
2-DIBUTYLAMINOETHANOL see: KK3850000
2-Di-n-BUTYLAMINOETHANOL see: KK3850000
2-N-DIBUTYLAMINOETHANOL see: KK3850000
N,N-Di-n-BUTYLAMINOETHANOL (DOT) see: KK3850000
alpha-((2-(DIBUTYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL see: DO0690000
alpha-((2-(DIBUTYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL BENZOATE (ester) see: DO0690100
beta-n-DIBUTYLAMINOETHYL ALCOHOL see: KK3850000
5-((2-(DIBUTYLAMINO)-ETHYL)AMINO)-3-PHENYL-1,2,4-OXADIAZOLE HYDROCHLORIDE see: RO0685000
3-(2-DIBUTYLAMINOETHYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6258000
1-(DIBUTYLAMINO)-3-(ISOPROPYLTHIO)-2-PROPANOL HYDROCHLORIDE see: UB1110000 2-PROPANOL, 1-(DIBUTYLAMINO)-3-((1-METHYLETHYL)THIO)-, HYDROCHLORIDE
alpha-DIBUTYL-AMINO-4-METHOXYBENZENEACETAMIDE (9CI) see: AB6365000
alpha-DIBUTYLAMINO-alpha-(p-METHOXYPHENYL)ACETAMIDE see: AB6365000
alpha-DIBUTYL-AMINO-p-METHOXYPHENYLACETAMIDE see: AB6365000
2-DIBUTYLAMINO-2-(p-METHOXYPHENYL)ACETAMIDE see: AB6365000
2-(DIBUTYLAMINO)-alpha-(6-METHOXYQUINOL-4-YL)ETHANOL DIHYDROCHLORIDE see: KK4025000
(4-DIBUTYLAMINO-6-METHYL-2-PYRIMIDINYLTHIO)ACETHYDRAZIDE see: AG5989000
((4-(DIBUTYLAMINO)-6-METHYL-2-PYRIMIDINYL)THIO)ACETIC ACID HYDRAZIDE see: AG5989000
3-((DIBUTYLAMINO)METHYL)-4,5,6-TRIHYDROXYPHTHALIDE see: TI3696000
3-((DIBUTYLAMINO)METHYL)-4,5,6-TRIHYDROXYPHTHALIDE HYDROCHLORIDE see: TI3696500
2-(DIBUTYLAMINO)-2-PHENYLACETAMIDE HYDROCHLORIDE see: AB6380000
alpha-(DIBUTYL-AMINO)-PHENYLACETAMID HYDROCHLORID (German) see: AB6380000
3-(DIBUTYLAMINO)-1,2-PROPANEDIOL 2-BENZOATE 1-PROPANOATE HYDROCHLORIDE see: TY4970000 1,2-PROPANEDIOL, 3-(DIBUTYLAMINO)-, 2-BENZOATE 1-PROPANOATE, HYDROCHLORIDE
3-(DIBUTYLAMINO)-1-PROPANOL p-AMINOBENZOATE see: UB0875000
3-(DIBUTYLAMINO)-1-PROPANOL-para-AMINOBENZOATE (ester) SULFATE (2:1) see: UB1050000
N,N-DIBUTYL-3-AMINOPROPIONITRILE see: UG0525000
1-(DIBUTYLAMINO)-3-PROPOXY-2-PROPANOL BENZOATE HYDROCHLORIDE see: UB1120000 2-PROPANOL, 1-(DIBUTYLAMINO)-3-PROPOXY-, BENZOATE (ester), HYDROCHLORIDE
3-DIBUTYLAMINOPROPYL p-AMINOBENZOATE see: UB0875000
DIBUTYLAMINOPROPYL p-AMINOBENZOATE SULFATE see: UB1050000
3'-DIBUTYLAMINOPROPYL 4-AMINOBENZOATE SULFATE see: UB1050000
3-(Di-n-BUTYLAMINO)-1-PROPYL 1,2,3,4-TETRAHYDRO-6-CARBAZOLYLCARBOXYLATE HYDROCHLORIDE see: FE5840000
3-(Di-n-BUTYLAMINO)-1-PROPYL 1,2,3,4-TETRAHYDRO-6-CARBAZOLYLCARBOXYLATE HYDROCHLORIDE see: FE5840500
1-(DIBUTYLAMINO)-3-(PROPYLTHIO)-2-PROPANOL BENZOATE HYDROCHLORIDE see: UB1130000 2-PROPANOL, 1-(DIBUTYLAMINO)-3-(PROPYLTHIO)-, BENZOATE (ester), HYDROCHLORIDE
((DIBUTYLAMINO)THIO)METHYLCARBAMIC ACID, 2,2-DIMETHYL-2,3-DIHYDRO-7-BENZOFURANYL ESTER see: EZ3815000
DI-N-BUTYLAMMONIUM HEXAFLUOROARSENATE see: HR8115000
DI-n-BUTYL ANILIDOPHOSPHATE see: TB3963900
DIBUTYLARSINIC ACID see: CH7280000
DIBUTYLATED HYDROXYTOLUENE see: GO7875000
DIBUTYL 1,2-BENZENEDICARBOXYLATE see: TI0875000
2,6-DI-tert-BUTYL-p-BENZOQUINONE see: DK3970000
1,1-DIBUTYLBIGUANIDE HEMISULFATE TRIHYDRATE see: DU1788490
DIBUTYLBIS(LAUROYLOXY)TIN see: WH7000000
N,N'-DIBUTYL-N,N'-BIS(PYRROLIDINOCARBONYL)ETHYLENEDIAMINE see: UY0315000
DIBUTYLCARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: EZ3823000
DIBUTYL CARBITOL see: KN0350000
DIBUTYLCARBITOLFORMAL see: PA3400000
DIBUTYL O-(o-CARBOXYBENZOYL) GLYCOLATE see: TI0535000
DIBUTYL o-CARBOXYBENZOYLOXYACETATE see: TI0535000

DIBUTYL CELLOSOLVE see: KH9450000
DIBUTYL CELLOSOLVE PHTHALATE see: TI0175000
2,6-DI-tert-BUTYL-p-CRESOL see: GO7875000
DI-(4-tert-BUTYLCYCLOHEXYL)PEROXYDICARBONATE (DOT) see: SD9502700
DI-(4-tert-BUTYLCYCLOHEXYL)PEROXYDICARBONATE, not more than 42% in water (DOT) see: SD9502800
9,10-DI-n-BUTYL-1,2,5,6-DIBENZANTHRACENE see: HN3640000
DI-n-BUTYL(DIBUTYRYLOXY)STANNANE see: WH7070000
N,N'-DIBUTYL-N,N'-DICARBOXYETHYLENE DIAMINEMORPHOLIDE see: QD9800000
N,N'-DIBUTYL-N,N'-DICARBOXYMORPHOLIDE-ETHYLENEDIAMINE see: QD9800000
N,N'-DI-n-BUTYL-N N'-DICARBOXYPIPERIDINE-ETHYLENEDIAMINE see: TM6103000
DIBUTYLDICHLOROSTANNANE see: WH7100000
DIBUTYLDICHLOROTIN see: WH7100000
DIBUTYLDIFLUOROSTANNANE see: WH7125200
DIBUTYL(DIFORMYLOXY)STANNANE see: WH7125500
DIBUTYLDIIODOSTANNANE see: WH7128000
DIBUTYL DIISOPROPYLAMIDOPHOSPHITE see: TB6050000
P,P-DIBUTYL-N,N-DIISOPROPYLPHOSPHINIC AMIDE see: SZ5850000
2,2-DIBUTYL-1,3-DIOXA-2-STANNA-7,9-DITHIACYCLODODECAN-4,12-DIONE see: JG7880000
2,2-DIBUTYL-1,3-DIOXA-2-STANNA-7-THIACYCLODECAN-4,10-DIONE see: JH4780000
DIBUTYL DISELENIDE see: EQ0415000
DIBUTYLDISELENIUM see: EQ0415000
DI-n-BUTYL-DISELINIDE see: EQ0415000
DIBUTYLDITHIOCARBAMIC ACID, NICKEL SALT see: QR6140000
DIBUTYLDITHIOCARBAMIC ACID S-TRIBUTYLSTANNYL ESTER see: WH7138000
DIBUTYLDITHIOCARBAMIC ACID ZINC SALT see: ZH0175000
N,N-DIBUTYLETHANOLAMINE see: KK3850000
DI-n-BUTYL ETHER see: EK5425000
n-DIBUTYL ETHER see: EK5425000
DI-sec-BUTYL ETHER see: EQ2220000
N,N'-DI-n-BUTYLETHYLENEDIAMINE-N,N'-DICARBOXYBISMORPHOLIDE see: QD9800000
DIBUTYL FUMARATE see: LT1225000
DI-n-BUTYLGERMANEDICHLORIDE see: LY5020000
DIBUTYLGERMANIUM DICHLORIDE see: LY5020000
2,2'-((DIBUTYLGERMYLENE)DITHIO)BIS(ETHYLAMINE) see: KR3524500 ETHYLAMINE, 2,2'-((DIBUTYLGERMYLENE)DITHIO)BIS-
2,2'-((DIBUTYLGERMYLENE)DITHIO)BIS(1-PROPYLAMINE) see: UI0673500 1-PROPYLAMINE, 2,2'-((DIBUTYLGERMYLENE)DITHIO)BIS-
DIBUTYLGLYCOL PHTHALATE see: TI0175000
DIBUTYL HEXANEDIOATE see: AV0900000
1,2-DI-n-BUTYLHYDRAZINE DIHYDROCHLORIDE see: MV2088000
DIBUTYL HYDROGEN PHOSPHATE see: TB9605000
DIBUTYL HYDROGEN PHOSPHITE see: HS6475000
(3,5-DI-t-BUTYL-4-HYDROXYBENZYLIDENE)MALONONITRILE see: OO3737000
N,N-DIBUTYL-N-(2-HYDROXYETHYL)AMINE see: KK3850000
2,6-DI-tert-BUTYL-1-HYDROXY-4-METHYLBENZENE see: GO7875000
3,5-DI-tert-BUTYL-4-HYDROXYTOLUENE see: GO7875000
DIBUTYL ISOPHTHALATE see: NT2300000
2,6-DI-terc.BUTYL-p-KRESOL (Czech) see: GO7875000
DIBUTYL MALEATE see: ON0875000
DIBUTYLMALOYLOXYSTANNANE see: WH7145000
DI-sec-BUTYLMERCURY see: OW2275000
N,N-DIBUTYLMETHYL CHOLINE see: GA2625000
2,6-DI-tert-BUTYL-p-METHYLPHENOL see: GO7875000
2,6-DI-tert-BUTYL-4-METHYLPHENOL see: GO7875000
2,2-DIBUTYL-5-METHYL-1,3,2-THIAZAGERMOLIDINE see: XJ0404000
2,6-DI-ter-BUTYL NAPHTALENE SULFONATE SODIQUE (French) see: QK1445000
2,6-DI-tert-BUTYLNAPHTHALENESULFONIC ACID SODIUM SALT see: QK1445000
2,6-DI-tert-BUTYL-4-NITROPHENOL see: SK8400000
DI-n-BUTYLNITROSAMIN (German) see: EJ4025000
DIBUTYLNITROSAMINE see: EJ4025000
DI-n-BUTYLNITROSAMINE see: EJ4025000
N,N-DIBUTYLNITROSOAMINE see: EJ4025000
N,N-DI-n-BUTYLNITROSAMINE see: EJ4025000
N,N'-DIBUTYL-N-NITROSOUREA see: YS8235000
2,2-DIBUTYL-1-OXA-2-STANNA-3-THIACYCLOHEXAN-6-ONE see: RP4395000
2,2-DIBUTYL-1,3,2-OXATHIASTANNOLANE see: RP4410000
2,2-DIBUTYL-1,3,2-OXATHIASTANNOLANE 5-OXIDE see: RP4420000
DIBUTYL OXIDE see: EK5425000
DIBUTYLOXIDE of TIN see: WH7175000
DIBUTYLOXOSTANNANE see: WH7175000
DIBUTYLOXOTIN see: WH7175000
DI-tert-BUTYLPEROXID (German) see: ER2450000
DI-t-BUTYL PEROXIDE see: ER2450000
DI-tert-BUTYL PEROXIDE, technically pure (DOT) see: ER2450000
2,2-DI-(tert-BUTYLPEROXY)BUTANE, more than 55% in solution (DOT) see: SD8425000
2,2-DI-(tert-BUTYLPEROXY)BUTANE, not more than 55% in solution (DOT) see: SD8424000
1,1-DI-(tert-BUTYLPEROXY)CYCLOHEXANE (DOT) see: SD8255000
1,1-DI-(tert-BUTYLPEROXY)CYCLOHEXANE, not more than 77% in solution (DOT) see: SD8255300
1,2-DI-(tert-BUTYLPEROXY)CYCLOHEXANE (DOT) see: SD8256000
2,2-DI(4,4-tert-BUTYLPEROXYCYCLOHEXYL)PROPANE, more than 42% with inert solid (DOT) see: TX2938000
2,2-DI(4,4-DI-tert-BUTYLPEROXYCYCLOHEXYL)PROPANE, not more than 42% with inert solid (DOT) see: TX2939000
DI-tert-BUTYL PEROXYDE (Dutch) see: ER2450000
DIBUTYL PEROXYDICARBONATE see: SD9662000
DI-n-BUTYL PEROXYDICARBONATE see: SD9662000
DI-sec-BUTYL PEROXYDICARBONATE see: SD9675000
DI-sec-BUTYL PEROXYDICARBONATE see: SD9675030
DI-sec-BUTYL PEROXYDICARBONATE, not more than 52% in solution (DOT) see: SD9675000
DI-sec-BUTYL PEROXYDICARBONATE, technically pure (DOT) see: SD9675000
1,3-DI-(2-tert-BUTYLPEROXYISOPROPYL)BENZENE and 1,4-DI-(2-tert-BUTYLPEROXYISOPROPYL)BENZENE see: SD8421500
1,3-DI(2-tert-BUTYLPEROXYISOPROPYL)BENZENE (DOT) see: SD8431000
1,4-DI(2-tert-BUTYLPEROXYISOPROPYL)BENZENE (DOT) see: SD8431100
DI-(tert-BUTYLPEROXY) PHTHALATE (DOT) see: JJ1779000
DI-(tert-BUTYLPEROXY) PHTHALATE, more than 55% in solution (DOT) see: JJ1779000
DI-(tert-BUTYLPEROXY)PHTHALATE, mixture, concentration 52% or less (DOT) see: JJ1778000
DI-(tert-BUTYLPEROXY) PHTHALATE, not more than 55% in solution (DOT) see: JJ1778000
DI-(tert-BUTYLPEROXY)PHTHALATE, technical pure (DOT) see: JJ1760000
2,2-DI-(tert-BUTYLPEROXY)PROPANE (DOT) see: SD8429000
1,1-DI-(tert-BUTYLPEROXY)-3,3,5-TRIMETHYLCYCLOHEXANE (DOT) see: SD8602000
1,1-DI-(tert-BUTYLPEROXY)-3,3,5-TRIMETHYLCYCLOHEXANE (DOT) see: SD8600000
1,1-DI-(tert-BUTYLPEROXY)-3,3,5 TRIMETHYLCYCLOHEXANE (DOT) see: SD8601000
2,4-DI-tert-BUTYLPHENOL see: SK8267000
2,6-DI-tert-BUTYLPHENOL see: SK8265000
N,N-DIBUTYL-N'-(3-PHENYL-1,2,4-OXADIAZOL-5-YL)-1,2-ETHANEDIAMINE HYDROCHLORIDE see: RO0685000
DIBUTYL PHENYLPHOSPHONATE see: TA0375000
DIBUTYL PHOSPHATE see: TB9605000
DI-n-BUTYL PHOSPHATE see: TB9605000

HS6475000 DIBUTYL PHOSPHITE
UPDT:8407 CAS: 1809-19-4 MW: 194.24 MOLFM: C8-H19-O3-P
SYN: BUTYL ALCOHOL, HYDROGEN PHOSPHITE * DIBUTYL HYDROGEN PHOSPHITE * MOBIL DBHP
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD JIHTAB 31,60,49
eye-rbt 250 ug open SEV JIHTAB 31,60,49
TOXICITY DATA AND REFERENCES:
skn-rbt LD50:1990 mg/kg JIHTAB 31,60,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DIBUTYL PHTHALATE see: TI0875000
DI-n-BUTYL PHTHALATE see: TI0875000
DIBUTYL SEBACATE see: VS1150000
DI-n-BUTYL SEBACATE see: VS1150000
DIBUTYLSTANNANE OXIDE see: WH7175000
2,2'-((DIBUTYLSTANNYLENE)BIS(THIO))BISACETIC ACID DINONYL ESTER see: AG6050000
DIBUTYL SUCCINATE see: WM6250000
DI-n-BUTYLSUCCINATE see: WM6250000
p-(DIBUTYLSULFAMOYL)BENZOIC ACID see: DG6330000
DI-n-BUTYLSULFAT (German) see: WS7700000
DIBUTYLSULFATE see: WS7700000
n-DIBUTYL SULFIDE see: ER6417000
DI-n-BUTYLSULFIDE see: ER6417000
DIBUTYL SULPHIDE see: ER6417000
DIBUTYL TEREPHTHALATE see: WZ1221000
DIBUTYL(TETRACHLOROPHTHALATO)STANNANE see: DF4500000
2,2-DIBUTYL-1,3,2-THIAZAGERMOLIDINE see: XJ0403000
DIBUTYL THIOETHER see: ER6417000
DI-n-BUTYLTIN BISMETHANESULFONATE see: WH6730500
DIBUTYLTIN BIS(TRIFLUOROACETATE) see: WH6734000
DIBUTYLTIN CHLORIDE see: WH7100000
DIBUTYL TIN DIACETATE see: WH6880000
DIBUTYL TIN DIBROMIDE see: WH6882000
DIBUTYLTIN DICAPRYLATE see: WH6733100
DIBUTYLTIN DICHLORIDE see: WH7100000
DI-n-BUTYLTIN DICHLORIDE see: WH7100000
DI-n-BUTYLTIN DI-2-ETHYLHEXANOATE see: WH6714500
DI-n-BUTYLTIN DI-2-ETHYLHEXYLTHIOGLYCOLATE see: WH7125000
DIBUTYLTIN DIFLUORIDE see: WH7125200
DIBUTYLTIN DIIODIDE see: WH7128000
DIBUTYLTIN DILAURATE see: WH7000000
DI-n-BUTYLTIN DI(MONOBUTYL)MALEATE see: WH6712000
DI-n-BUTYLTIN DI(MONONONYL)MALEATE see: WH7540000
DIBUTYLTIN DIOCTANOATE see: WH6733100
DIBUTYLTIN DIOCTOATE see: WH6733100
DIBUTYLTIN DIOLEATE see: WH6733300
DIBUTYLTIN LAURATE see: WH7000000
DIBUTYLTIN MALATE see: WH7145000
DIBUTYLTIN MERCAPTOPROPIONATE see: RP4395000
DIBUTYLTIN, O,S-MERCAPTOPROPIONATE see: RP4395000
DIBUTYLTIN S,O-beta-MERCAPTOPROPIONATE see: RP4395000
DIBUTYLTIN S,O-3 MERCAPTOPROPIONATE see: RP4395000
DIBUTYLTIN OCTANOATE see: WH6733100
DIBUTYLTIN OXIDE see: WH7175000
DI-n-BUTYLTIN OXIDE see: WH7175000
DIBUTYLTIN SULFIDE see: WH7195000
DIBUTYLTIN TETRACHLOROPHTHALATE see: DF4500000
DIBUTYLTIN 3,3'-THIODIPROPIONATE see: JH4780000
DIBUTYLZINN-S,S'-BIS(ISOOCTYLTHIOGLYCOLAT) (German) see: WH6719000
Di-n-BUTYL-ZINN DI-2-AETHYLHEXYL THIOGLYKOLAT (German) see: WH7125000
Di-n-BUTYL-ZINN-DICHLORID (German) see: WH7100000
DIBUTYL-ZINN-DILAURAT (German) see: WH7000000
Di-n-BUTYL-ZINN-DI(MONOBUTYL)MALEINAT (German) see: WH6712000
Di-n-BUTYLZINN-DIMONOMETHYLMALEINAT (German) see: WH6729000
Di-n-BUTYL-ZINN-DI(MONONONYL)MALEINAT (German) see: WH7540000
Di-n-BUTYL-ZINN-OXYD (German) see: WH7175000
Di-n-BUTYLZINN THIOGLYKOLAT (German) see: RP4420000
DIBUTYRYL cAMP see: ES5055000
N(sup 6),O(sup 2')-DIBUTYRYL cAMP see: ES5055000
N(sup 6),2'-O-DIBUTYRYL cAMP see: ES5055000
N(sup 6),O(sup 2')-DIBUTYRYL CYCLIC AMP see: ES5055000
DIBUTYRYL CYCLIC AMP see: ES5055000
N(sup 6),2'-O-DIBUTYRYL CYCLIC AMP see: ES5055000
DIBUTYRYL CYCLIC 3',5'-AMP see: ES5055000
DIBUTYRYL 3',5'-CYCLIC AMP see: ES5055000
DIBUTYRYL CYLIC GMP see: ES4315000
DIBUTYRYL 3',5'-CYCLIC GMP see: ES4315000
N(sup 2),O(sup 2')'-DIBUTYRYL CYCLIC GMP see: ES4315000
DIBUTYRYL cGMP see: ES4315000
N(sup 2),O(sup 2')'-DIBUTYRYL cGMP see: ES4315000
DIC see: NI3950000
DIC 1468 see: XZ2990000
DICA see: NK7886000
1,4-DICAFFEYLQUINIC ACID HYDRATE see: GD8970000
DICAIN see: DG4725000
DICAINE see: DG4725000
DICALITE see: VV7309000
DICALITE see: VV7310000
DICAMBA see: DG7525000
DICAMBE see: DG7525000
2,4-D-DICAMBA mixt. see: DG7506100
DICAMBA-2,4-D mixt. see: DG7506100
DICAMBA-MCPA mixt. see: DG7506000
DICAMBA (DOT) see: DG7525000
DICANDIOL see: TZ0175000
DICAPRYLYL PEROXIDE see: SD8430000
DICAPTAN see: TE7875000
N,N'-DIBUTYL-N,N'-BIS(1-METHYL-3-PIPERIDYLCARBONYL)ETHYLENEDIAMINE see: QU1922000
DICAPTHON see: TE7875000
DICAPTOL see: UB2625000
DICAPTON see: TE7875000

HS9280000 1,2-DICARBADODECABORAN(12)-3-AMINE
UPDT:8403 CAS: 22043-65-8 MW: 159.26 MOLFM: C2-H13-B10-N
SYN: 3-AMINOCARBORANE
TOXICITY DATA AND REFERENCES:
2FOSF17 scu-mus LD50:1500 mg/kg MERAA9 26(6),62,81

BEST COPY AVAILABLE

m-DICARBADODECABORANE (12) see: MS9290000

MS9290000 1,7-DICARBADODECABORANE (12)
UPDT.8401 CAS: 16986-24-6 MW: 104.26 MOLFM: C2-H12-B10
SYN: m-BARENE * m-CARBORANE * m-DECARBOROCARBORANE * m-DICARBADODECABORANE (12) * NEOBARENE * NEOCARBORANE
TOXICITY DATA AND REFERENCES:
2D25J30 orl-rat LD50:417 mg/kg GTPZAB 22(1),42,78
2D25J30 scu-mus LD50:480 mg/kg GTPZAB 22(1),42,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983.
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MS9292000 1,2-DICARBADODECABORANE(12)-1-ACETIC ACID
UPDT.8403 CAS: 20644-59-1 MW: 202.28 MOLFM: C4-H14-B10-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:189 mg/kg MERAA9 26(6),62,81

MS9295000 1,7-DICARBADODECABORANE (12), 1,7-BIS(CHLOROTETRAMETHYLPHENYL)-
UPDT.8303 MW: 427.36 MOLFM: C22-H34-B10-Cl2
SYN: 1,7-BIS(CHLORODIMETHYLETYL)-meta-CARBORANE * 1,7-BIS(CHLOROTETRAMETHYLPHENYL)-1,7-DICARBADODECABORANE (12)
TOXICITY DATA AND REFERENCES:
2D25J30 orl-rat LD50:2100 mg/kg GTPZAB 22(1),42,78
2D25J30 scu-mus LD50:570 mg/kg GTPZAB 22(1),42,78

MS9295500 1,7-DICARBADODECABORANE (12), 1,7-BIS(METHOXYTETRAMETHYLPHENYL)-
UPDT.8303 MW: 460.74 MOLFM: C24-H46-B10-O2
SYN: 1,7-BIS(METHOXYDIMETHYLETYL)-meta-CARBORANE * 1,7-BIS(METHOXYTETRAMETHYLPHENYL)-1,7-DICARBADODECABORANE (12)
TOXICITY DATA AND REFERENCES:
2D25J30 orl-rat LD50:13250 mg/kg GTPZAB 22(1),42,78
2D25J30 scu-mus LD50:1100 mg/kg GTPZAB 22(1),42,78

MS9296000 1,2-DICARBADODECABORANE(12)-1-CARBOXYLIC ACID
UPDT.8403 CAS: 18178-04-8 MW: 188.25 MOLFM: C3-H12-B10-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg MERAA9 26(6),62,81

o-DICARBADODECABORANE, 2-(DIETHYLAMINOACETAMIDO)-1-METHYL- see: AB7237200

MS9352000 1,2-DICARBADODECABORANE(12)-1-SULFONIC ACID, 2-METHYL-, POTASSIUM SALT
UPDT.8403 CAS: 78683-34-8 MW: 277.43 MOLFM: C3-H14-B10-O3-S-K
SYN: METHYLCARBORANYL-SULFONATE POTASSIUM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:158 mg/kg MERAA9 26(6),62,81

MS9353000 1,2-DICARBADODECABORANE(12)-1-THIOL
UPDT.8403 CAS: 17526-07-7 MW: 79.01 MOLFM: C2-H12-B-S
SYN: C-MERCAPTO-O-CARBORANE
TOXICITY DATA AND REFERENCES:
1F23 ipr-mus LD50:63300 ug/kg MERAA9 26(6),62,81

MS9354000 1,2-DICARBADODECABORANE(12)-1-THIOL, 2-METHYL-
UPDT.8403 CAS: 17522-84-0 MW: 190.33 MOLFM: C3-H14-B10-S
SYN: C-MERCAPTO-C-METHYL CARBORANE * 2-METHYL-1,2-DICARBADODECABORANE(12)-1-THIOL
TOXICITY DATA AND REFERENCES:
1F23 ipr-mus LD50:49200 ug/kg MERAA9 26(6),62,81
DICARBAM see: FC5950000
2,2-DI(CARBAMOYLOXYMETHYL)PENTANE see: TZ0175000
2-(1,2-DICARBAUNDECABORAN(11)-1-YL)-N,N—DIETHYLACETAMIDE POTASSIUM SALT see: AB6450000

MS9834650 DICARBAUNDECABORATE(1-), DODECAHYDRO-, POTASSIUM
UPDT.8403 CAS: 39326-91-5 MW: 177.53 MOLFM: C2-H12-B9-K
SYN: POTASSIUM DICARBAUNDECABORATE
TOXICITY DATA AND REFERENCES:
2F23J22 ipr-mus LD50:62500 ug/kg MERAA9 26(6),62,81

MS9834700 DICARBAUNDECABORATE(1-), UNDECAHYDRO-6-AMINO-, POTASSIUM
UPDT.8403 MW: 173.54 MOLFM: C2-H13-B9-K
SYN: 6-AMINODICARBAUNDECABORATE POTASSIUM
TOXICITY DATA AND REFERENCES:
2F23J22 ipr-mus LD50:167 mg/kg MERAA9 26(6),62,81

S-(1,2-DICARBETHOXYETHYL) O,O-DIMETHYLDITHIOPHOSPHATE see: WM8400000
DICARBETHOXYMETHANE see: OO0700000
DICARBOETHOXYETHYL O,O-DIMETHYL PHOSPHORODITHIOATE see: WM3400000
DICARBOMETHOXYZINC see: AR1500000

MT0365000 DICARBONIC ACID SK 64
UPDT.8406
SYN: DICARBONSAEURE SK 64 (German)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4750 mg/kg ZENBAX 68,183,51
* ipr-mus LD50:1875 mg/kg ZENBAX 68,183,51

2,3-DICARBONITRILO-1,4-DIATHIAANTHRACHINON (German) see: QL0700000
DICARBONSAEURE SK 64 (German) see: MT0365000
DI-mu-CARBONYLHEXACARBONYLDICOBALT see: GG0300000
DICARBOXIDINE HYDROCHLORIDE see: EK7770000
o-DICARBOXYBENZENE see: TH9625000
3,3'-DICARBOXYBENZIDINE see: DV3325000
DICARBOXYDINE see: ES8950000
alpha,beta-DICARBOXYETHYLTHIOMERCURIMETHOXYPROPYL-7 THEOPHYLLINE (French) see: OW2295000
DICAROCIDE see: TL1225000
DICARZOL see: FC2800000
DICATRON see: MV7350000

MT1070000 DICENTERA MACROCAPNOS Prain, extract
DEF Indian plant belonging to the family PAPAVERACEAE (JEBA6 18,594,80)
UPDT.8611
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg JEBA6 18,594,80

DICEPLON see: XI2277500
DICERTAN see: AU7481800
DICESIUM DIFLUORIDE see: FK9650000
DICESTAL see: SM0175000
DICETEL see: QD8547000
DICETEL see: QF2810000
DICETO-3,7 NYDROXY-12 CHOLANATE de Na (French) see: FZ2257000
DICETO-3,12 HYDROXY-7 CHOLANATE de Na (French) see: FZ2257010
DICETO-7,12 HYDROXY-3 CHOLANATE de Na (French) see: FZ2257020
DICETYL PEROXYDICARBONATE, technically pure (DOT) see: SD9750000
DICETYL PEROXYDICARBONATE (DOT) see: SD9760000
DICHAN (Czech) see: MY4200000
DICHAPETULUM CYMOSUM (HOOK) ENGL see: AM8860000
DICHANALEX see: VB2360000
trans-DICHLAOROBIS(7-AZOINDOLE)PLATINUM(II) see: TP2263300
DICHLOBENIL see: DI3500000
DICHLOBENIL (DOT) see: DI3500000
DICHLOFENAC see: AG6310000
DICHLOFENAMIDE see: CZ9200000
DICHLOFENTHION see: TF0350000
DICHLOFENTION see: TF0350000
DICHLOFLUANID see: WO6475000
DICHLOFLUANIDE see: WO6475000
DICHLONE see: QL7525000
DICHLONE (DOT) see: QL7525000
p-DICHLOORBENZEEN (Dutch) see: CZ4550000
1,4-DICHLOORBENZEEN (Dutch) see: CZ4550000
1,1-DICHLOOR-2,2-BIS(4-CHLOOR FENYL)-ETHAAN (Dutch) see: KI0700000
1,1-DICHLOORETHAAN (Dutch) see: KI0175000
1,2-DICHLOORETHAAN (Dutch) see: KI0525000
2,2'-DICHLOORETHYLETHER (Dutch) see: KN0875000
DICHLOORFEEN (Dutch) see: SM0175000
(2,4-DICHLOOR-FENOXY)-AZIJNZUUR (Dutch) see: AG6825000
2-(2,4-DICHLOOR-FENOXY)-PROPIONZUUR (Dutch) see: UF1050000
(3,4-DICHLOOR-FENYL-AZO)-THIOUREUM (Dutch) see: KK9625000
3-(3,4-DICHLOOR-FENYL)-1,1-DIMETHYLUREUM (Dutch) see: YS8925000
3-(3,4-DICHLOOR-FENYL)-1-METHOXY-1-METHYLUREUM (Dutch) see: YS9100000
3,6-DICHLOOR-2-METHOXY-BENZOEIZUUR (Dutch) see: DG7525000
1,1-DICHLOOR-1-NITROETHAAN (Dutch) see: KI1050000
(2,2-DICHLOOR-VINYL)-DIMETHYL-FOSFAAT (Dutch) see: TC0350000
DICHLOORVO (Dutch) see: TC0350000
DICHLOR see: UC8300000
DICHLORACETIC ACID see: AG6125000
DICHLORACETYL CHLORIDE see: AO6650000
1,1-DICHLORAETHAN (German) see: KI0175000
1,2-DICHLOR-AETHAN (German) see: KI0525000
1,2-DICHLOR-AETHEN (German) see: KV9360000
p-DI-(2-CHLORAETHYL)-AMINO-DL-PHENYL-ALANIN (German) see: AY3600000
S-(2,3-DICHLOR-ALLYL)-N,N-DIISOPROPYL-MONOTHIOCARBAMAAT (Dutch) see: EZ8225000
DICHLORAL UREA see: YS2787000
DICHLOR AMINE see: IA1750000
DICHLORAM see: BX2975000
DICHLORAN (amine fungicide) see: BX2975000
3,4-DICHLORANILIN see: BX2625000
3,4-DICHLORANILINE see: BX2625000
o-DICHLORBENZENE see: CZ4500000
3,3'-DICHLORBENZIDIN (Czech) see: DD0525000
4,4'-DICHLORBENZILSAEUREAETHYLESTER (German) see: DD2275000
o-DICHLOR BENZOL see: CZ4500000
p-DICHLORBENZOL (German) see: CZ4550000
1,4-DICHLOR-BENZOL (German) see: CZ4550000
1-(2,4-DICHLORBENZYL)-INDAZOLE-3-CARBOXYLIC ACID see: NK7886000
2,2'-DICHLORBIPHENYL (German) see: DV3900000
1,1-DICHLOR-2,2-BIS(4-CHLOR-PHENYL)-AETHAN (German) see: KI0700000
2,2'-DICHLOR-DIAETHYLAETHER (German) see: KN0875000
3,3'-DICHLOR-4,4'-DIAMINO-DIPHENYLAETHER (German) see: KM9625000
3,3'-DICHLOR-4,4'-DIAMINODIPHENYLMETHAN (German) see: CY1050000
DICHLORDIAETHYLAETHER (German) see: KN1575000
DICHLOREMULSION see: KI0525000
DICHLOREN see: IA2100000
DICHLOREN (German) see: IA1750000
1,1-DICHLORETHANE see: KI0175000
1,2-DICHLORETHANE see: KI0525000
DICHLORETHANOIC ACID see: AG6125000
2,2'-DICHLORETHYL ETHER see: KN0875000
2-(alpha,beta-DICHLORETHYL)-PYRIDINE HYDROCHLORIDE see: US8650000
beta,beta-DICHLOR-ETHYL-SULPHIDE see: WQ0900000
DICHLORFENIDIM see: YS8925000
2,6-DICHLORFENOL (Czech) see: SK8750000
N-(DICHLOR-FLUOR-METHYL-THIO)-N',N'-DIMETHYL-N-PHENYL-SCHWEFEL-SAEUREDIAMID (German) see: WO6475000
DICHLORFOS (Polish) see: TC0350000
DICHLORHYDRATE de 1-p.CHLORBENZHYDRYL-4-(2-(2-HYDROXYETHOXY)ETHYL)PIPERAZINE (French) see: KK2280000
DI-CHLORICIDE see: CZ4550000
DICHLORICIDE AEROSOL see: WZ6400000
DICHLORICIDE MOTHPROOFER see: WZ6400000
DICHLORID KYSELINY FUMAROVE (Czech) see: LT2800000
DICHLORISOPRENALINE (German) see: DO1080000
DICHLORISOPROTERENOL see: DO1080000
3,4-DICHLOR-ISOPROTERENOL (German) see: DO1080000
DICHLORISOPROTERENOL HYDROCHLORIDE see: DO1200000
DICHLORMAN see: TC0350000
3,6-DICHLOR-2-METHOXY-BENZOESAEURE (German) see: DG7525000
DI-CHLOR-MULSION see: KI0525000
2,3-DICHLOR-1,4-NAPHTHOCHINON (German) see: QL7525000
1,1-DICHLOR-1-NITROAETHAN (German) see: KI1050000
2,6-DICHLOR-4-NITROANILIN (Czech) see: BX2975000
2,5-DICHLORNITROBENZEN (Czech) see: CZ5260000
2',5-DICHLOR-4'-NITRO-SALIZYLSAEUREANILID (German) see: VN8400000
D-(-)-threo-2-DICHLOROACETAMIDO-1-p-NITROPHENYL-1,3-PROPANEDIOL see: AB6825000
DICHLOROACETAMIDO-4,4' PHENYLTHIOBENZENE (French) see: AC8985000
DICHLOROACETATE, SODIUM SALT see: AG9275000
DICHLOROACETATO di DIISOPROPILAMMONIO (Italian) see: AG6475000
DICHLOROACETIC ACID see: AG6125000
2,2-DICHLOROACETIC ACID see: AG6125000
DICHLOROACETIC ACID, DIISOPROPYLAMINE SALT see: AG6475000
DICHLOROACETIC ACID (DOT) see: AG6125000
DICHLOROACETIC ACID METHYL ESTER see: AG6625000
DICHLOROACETIC ACID SODIUM SALT see: AG9275000
DICHLOROACETIC ANHYDRIDE see: AG6300000
alpha,alpha'-DICHLOROACETONE see: UC1430000
alpha,gamma-DICHLOROACETONE see: UC1430000
sym-DICHLOROACETONE see: UC1430000
1,3-DICHLOROACETONE see: UC1430000
1,3-DICHLOROACETONE (DOT) see: UC1430000
DICHLOROACETONITRILE see: AL8465000
5,7-DICHLORO-8-ACETOXYQUINOLINE see: VC5400000
3,3'-DICHLORO-N-ACETYLBENZIDINE see: AD8260000
DICHLOROACETYL CHLORIDE see: AO6650000
alpha,alpha-DICHLOROACETYL CHLORIDE see: AO6650000
2,2-DICHLOROACETYL CHLORIDE see: AO6650000
DICHLOROACETYL CHLORIDE (DOT) see: AO6650000
DICHLOROACETYLENE see: AP1080000
D-threo-N-DICHLOROACETYL-1-p-NITROPHENYL-2-AMINO-1,3-PROPANEDIOL see: AB6[illegible]5000
S-(2,3-DICHLORO-ALLIL)-N,N-DIISOPROPIL-MONOTIOCARBAMMATO (Italian) see: EZ8225000

BEST COPY AVAILABLE

DICHLOROALLYL DIISOPROPYLTHIOCARBAMATE see: EZ8225000
S-2,3-DICHLOROALLYL DIISOPROPYLTHIOCARBAMATE see: EZ8225000
2,3-DICHLOROALLYL N,N-DIISOPROPYLTHIOLCARBAMATE see: EZ8225000
DICHLOROALLYL LAWSONE see: QJ5728000
3',5'-DICHLO..OAMETHOPTERIN see: MA1250000
2,5-DICHLORO-3-AMINOBENZOIC ACID see: DG1925000
2',4'-DICHLORO-4-AMINOBIPHENYL ETHER see: BX3100000
3',5'-DICHLORO-4-AMINO-4-DEOXY-N(sup 10)-METHYLPTEROGLUTAMIC ACID see: MA1250000
o-DICHLOROANILINE see: BX2540000
3,4-DICHLOROANILINE see: BX2625000
4,5-DICHLOROANILINE see: BX2625000
DICHLOROANILINES see: BX2540000
DICHLOROANILINES (DOT) see: BX2540000
1-((2-(2,4-DICHLOROANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE see: UB1410000
1-((2-(2,6-DICHLOROANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE see: UB1410500
1-((2-(2,6-DICHLOROANILINO)ETHYL)AMINO)-3-(m-TOLYLOXY)-2-PROPANOL HYDROCHLORIDE see: UB1412000
2-(2,6-DICHLOROANILINO)-2-IMIDAZOLINE HYDROCHLORIDE see: NJ2490000
(o-(2,6-DICHLOROANILINO)PHENYL)ACETIC ACID MONOSODIUM SALT see: AG6330000
(o-((2,6-DICHLOROANILINO)PHENYL)ACETIC ACID SODIUM SALT see: AG6330000
3,6-DICHLORO-o-ANISIC ACID see: DG7525000
DICHLOROANTHRARUFIN see: CB6498500
5,6-DICHLORO-1-alpha-D-ARABINOFURANOSYLBENZIMIDAZOLE see: DD7142000
DICHLOROARSENOMETHANE DISULFIDE see: CG4300000
p-DICHLOROARSINOANILINE HYDROCHLORIDE see: BX2700000
3,4-DICHLOROBENZENAMINE see: BX2625000
m-DICHLOROBENZENE see: CZ4499000
o-DICHLOROBENZENE see: CZ4500000
p-DICHLOROBENZENE see: CZ4550000
1,2-DICHLOROBENZENE see: CZ4500000
1,4-DICHLOROBENZENE see: CZ4550000
2,5-DICHLOROBENZENEARSONIC ACID see: CY4550000
2,6-DICHLOROBENZENECARBOTHIOAMIDE see: CV3850000
3,4-DICHLOROBENZENE DIAZOTHIOCARBAMID see: XX9625000
3,4-DICHLOROBENZENEDIAZOTHIOUREA see: XX9625000
4,5-DICHLORO-m-BENZENEDISULFONAMIDE see: CZ9200000
m-DICHLOROBENZENE (DOT) see: CZ4499000
DICHLOROBENZENE, ORTHO, liquid (DOT) see: CZ4500000
DICHLOROBENZENE, ORTHO, LIQUID see: CZ4500000
DICHLOROBENZENE, PARA, solid (DOT) see: CZ4550000
DICHLOROBENZENE, PARA, SOLID see: CZ4550000
3',5'-DICHLOROBENZENESULFONANILIDE AMMONIUM SILVER SALT see: DB3600000
3',5'-DICHLOROBENZENESULFONANILIDE SILVER TRIMETHYLPHOSPHITE SALT see: DB3679000
3',5'-DICHLOROBENZENESULFONANILIDE SODIUM SALT see: DB3700000
3,3'-DICHLOROBENZIDINA (Spanish) see: DD0525000
DICHLOROBENZIDINE see: DD0525000
o,o'-DICHLOROBENZIDINE see: DD0525000
2,2'-DICHLOROBENZIDINE see: DD0524000
3,3'-DICHLOROBENZIDINE see: DD0525000
DICHLOROBENZIDINE BASE see: DD0525000
3,3'-DICHLOROBENZIDINE DIHYDROCHLORIDE see: DD0550000
3,3'-DICHLOROBENZIDINE SULPHATE see: DD0575000
4,4'-DICHLOROBENZILATE see: DD2275000
4,4'-DICHLOROBENZILIC ACID ETHYL ESTER see: DD2275000
DICHLORO(BENZIMIDAZOLE)PLATINUM(II) see: TP2172500
p-DICHLOROBENZOL see: CZ4550000
2,6-DICHLOROBENZONITRILE see: DI3500000
5,6-DICHLORO-2-BENZOTHIAZOLAMINE see: DL1680000
5,7-DICHLORO-8-BENZOYLOXYQUINOLINE see: VC5403000
p,p'-DICHLOROBENZOYL PEROXIDE see: SD7875000
2,4-DICHLOROBENZOYLPEROXIDE, more than 75% with water (DOT) see: SD7881000
2,4-DICHLOROBENZOYL PEROXIDE, not more than 52% as a paste (DOT) see: SD7879000
2,4-DICHLOROBENZOYL PEROXIDE, not more than 75% with water (DOT) see: SD7880000
7-((3,4-DICHLOROBENZYL)AMINO)-ACTINOMYCIN D see: AU1597000
N-(2,4-DICHLOROBENZYL)-N-(2-HYDROXYETHYL)DICHLOROACETAMIDE see: AB6551000
2-((3,4-DICHLOROBENZYLIDENE)AMINO)-1,4-DIHYDRO-3(2H)-ISOQUINOLINONE see: NX6036700
1-(2,4-DICHLOROBENZYL)-1H-INDAZOLE-3-CARBOXYLIC ACID see: NK7886000
3,4-DICHLOROBENZYL METHYLCARBAMATE see: FB8560000
3,4- and 2,3-DICHLOROBENZYL N-METHYLCARBAMATE see: FB8620000
3,4-DICHLOROBENZYL METHYLCARBAMATE mixed with 2,3-DICHLOROBENZYL METHYLCARBAMATE (80%:20%) see: FB8575000
1-(2-((2,6-DICHLOROBENZYL)OXY)-2-(2,4-DICHLOROPHENYL)ETHYL)IMIDAZOLE NITRATE see: NI4772000
4-(3,4-DICHLOROBENZYL)-1-PIPERAZINECARBOXAMIDE HYDROCHLORIDE see: TL0850000
3-(2,4-DICHLOROBENZYLTHIO)-N,N-DIETHYL-PROPYLAMINE HYDROCHLORIDE see: UI0674200
2,4-DICHLOROBENZYLTRIBUTYLPHOSPHONIUM CHLORIDE see: TA2975000
2',2'''-DICHLORO-4',4'''-BIACETANILIDE see: DT2825000
2,2'-DICHLOROBIPHENYL see: DV3900000
2,2'-DICHLORO-1,1'-BIPHENYL see: DV3900000
2,4'-DICHLOROBIPHENYL see: DV3905000
3,3'-DICHLORO-4,4'-BIPHENYLDIAMINE see: DD0525000
3,3'-DICHLOROBIPHENYL-4,4'-DIAMINE see: DD0525000
2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)-BIS(AZO))BIS(3-OXO-N-PHENYL)-BUTANAMIDE see: AK4580000
cis-DICHLOROBIS(7-AZOINDOLE)PLATINUM(II) see: TP2263200
DICHLOROBIS(2-CHLOROCYCLOHEXYL)SELENIUM see: VS8450000
1,1-DICHLORO-2,2-BIS(p-CHLOROPHENYL)ETHANE see: KI0700000
1,1-DICHLORO-2,2-BIS(4-CHLOROPHENYL)-ETHANE (French) see: KI0700000
1,1-DICHLORO-2,2-BIS(p-CHLOROPHENYL)ETHANE (DOT) see: KI0700000
1,1-DICHLORO-2,2-BIS(p-CHLOROPHENYL)ETHYLENE see: KV9450000
cis-DICHLOROBIS(CYCLOHEXYLAMINE)PLATINUM(II) see: TP2200000
DICHLOROBIS(eta(sup 5)-2,4-CYCLOPENTADIEN-1-YL)TITANIUM see: XR2050000
cis-DICHLOROBIS(CYCLOPENTYLAMMINE)PLATINUM(II) see: TP2210000
cis-DICHLOROBIS(CYCLOPROPYLAMINE)PLATINUM (II) see: TP2215000
1,1-DICHLORO-2,2-BIS(2,4'-DICHLOROPHENYL)ETHANE see: KH7880000
cis-DICHLOROBIS(DIMETHYLSELENIDE)PLATINUM(II) see: TP2246600
cis-DICHLOROBIS(DIMETHYLTELLURIDE)PLATINUM(II) see: TP2246800
DICHLOROBIS(2-ETHOXYCYCLOHEXYL)SELENIUM see: VS8460000
a,a-DICHLORO-2,2-BIS(p-ETHYLPHENYL)ETHANE see: KH5790000
1,1-DICHLORO-2,2-BIS(p-ETHYLPHENYL)ETHANE see: KH5790000
1,1-DICHLORO-2,2-BIS(4-ETHYLPHENYL)ETHANE see: KH5790000
2,2-DICHLORO-1,1-BIS(p-ETHYLPHENYL)ETHANE see: KH5790000
alpha,alpha-DICHLORO-beta,beta-BIS(p-IODOPHENYL)ETHYLENE see: KH5880000
cis-DICHLOROBIS(ISOPROPYLAMINE)-trans-DIHYDROXYPLATINUM(IV) see: TP2494300
1,1-DICHLORO-2,2-BIS(PARACHLOROPHENYL)ETHANE see: KI0700000
1,1-DICHLORO-2,2-BIS(PARACHLOROPHENYL)ETHANE (DOT) see: KI0700000
cis-DICHLOROBIS(1,10-PHENANTHROLINE)RHODIUM CHLORIDE see: VI9305000
cis-DICHLOROBIS(1-PHENYL-1,3-BUTANEDIONATO)TITANIUM(IV) see: XR2063200
cis-DICHLOROBIS(PYRROLIDINE)PLATINUM (II) see: TP2501000
DICHLOROBROMOMETHANE see: PA5310000
O-(2,5-DICHLORO-4-BROMOPHENYL) O-ISOPROPYL METHYLPHOSPHONOTHIOATE see: TB1070000
O-(2,5-DICHLORO-4-BROMOPHENYL) O-METHYL PHENYLTHIOPHOSPHONATE see: TB1720000
DICHLOROBUTADIENE see: EI9799000
1,4-DICHLORO-2-BUTENE see: EM4900000
1,4-DICHLOROBUTENE-2 see: EM4900000
1,4-DICHLORO-2-BUTENE see: EM4903000
1,4-DICHLOROBUTENE-2 (Trans) see: EM4903000
DICHLOROBUTENE (DOT) see: EM4730000
DICHLOROBUTYLENE see: EM4730000
2,4-DICHLOROCARBANILIC ACID 3-IODO-2-PROPYNYL ESTER see: FD8697000
4,5-DICHLOROCATECHOL see: UX1510000
2,4-DICHLORO-6-o-CHLORANILINO-s-TRIAZINE see: XY7175000
DICHLOROCHLORDENE see: PB9800000
2,4-DICHLORO-6-(o-CHLOROANILINO)-s-TRIAZINE see: XY7175000
2,4-DICHLORO-6-(2-CHLOROANILINO)-1,3,5-TRIAZINE see: XY7175000
DI((p-CHLORO-CHLOROBENZYLATE)) de N-M BIS (DIETHYLAMINOETHYL)PIPERAZINE (French) see: BS3859350
1-(2,4-DICHLORO-beta-((p-CHLOROBENZYL)OXY)PHENETHYL)IMIDAZOLE NITRATE see: NI4450000
5,6-DICHLORO-1-(5-CHLORO-5-DEOXY-beta-D-RIBOFURANOSYL)BENZIMIDAZOLE see: DD7147000
1,1-DICHLORO-2-CHLOROETHYLENE see: KX4550000
1,1-DICHLORO-2-(o-CHLOROPHENYL)-2-(p-CHLOROPHENYL)ETHANE see: KH7880000
1,1-DICHLORO-2-(p-CHLOROPHENYL)-2-(o-CHLOROPHENYL)ETHANE see: KH7880000
4',5-DICHLORO-N-(4-CHLOROPHENYL)-2-HYDROXY-(1,1'-BIPHENYL)-3-CARBOXAMIDE see: DV1800000
4,6-DICHLORO-N-(2-CHLOROPHENYL)-1,3,5-TRIAZIN-2-AMINE see: XY7175000
2,4-DICHLORO-5-CHLOROSULPHONYLBENZOIC ACID see: DG5..42700
DICHLORO(2-CHLOROVINYL)ARSINE see: CH2975000
DICHLORO(2-CHLOROVINYL)ARSINE OXIDE see: CH7300000
4-(2,4-DICHLOROCINNAMOYL)-1-PIPERAZINEACETIC ACID ETHYL ESTER HYDROCHLORIDE see: TK7875000
DICHLOROCTAN SODNY (Czech) see: AG9275000
(2,5-DICHLORO-4-CYCLOHEXYLPHENYL)ACETIC ACID see: AG6460000
alpha,m-DICHLORO-p-CYCLOHEXYLPHENYLACETIC ACID DIETHYLAMINE SALT see: CY1577750
2,6-DICHLORO-N-CYCLOPROPYL-N-ETHYLISONICOTINAMIDE see: NR9800000
1,1'-(2,2-DICHLOROCYCLOPROPYLIDENE)BIS(4-ETHOXYBENZENE) see: GZ2200000
3,3'-DICHLORO-N,N'-DIACETYLBENZIDINE see: DT2825000
cis-DICHLORO(1,2-DIAMINOBENZENE)PLATINUM(II) see: TP2171500
3,3'-DICHLORO-4,4'-DIAMINOBIPHENYL see: DD0525000
3,3'-DICHLORO-4,4'-DIAMINO(1,1-BIPHENYL) see: DD0525000
cis-DICHLORO-1,2-DIAMINOCYCLOHEXANE PLATINUM(II) see: TP2275992
trans(-)-DICHLORO-1,2-DIAMINOCYCLOHEXANEPLATINUM(II) see: TP2275980
trans(+)-DICHLORO-1,2-DIAMINOCYCLOHEXANEPLATINUM(II) see: TP2275991
3,3'-DICLORO-4,4'-DIAMINODIFENILMETANO (Italian) see: CY1050000
3,3'-DICHLORO-4,4'-DIAMINODIPHENYL ETHER see: KM9625000
3,3'-DICHLORO-4,4'-DIAMINODIPHENYLMETHANE see: CY1050000
N-(3,5-DICHLORO-4-((2,4-DIAMINO-6-PTERIDINYLMETHYL)METHYLAMINO)BENZOYL)GLUTAMIC ACID see: MA1250000
cis-DICHLORODIAMMINE PLATINUM (II) see: TP2450000
trans-DICHLORODIAMMINEPLATINUM (II) see: TP2455000
2,7-DICHLORODIBENZODIOXIN see: HP3100000
2,7-DICHLORODIBENZO-p-DIOXIN see: HP3100000
1,3-DICHLORODIBENZO-para-DIOXIN see: HP3095700
1,6-DICHLORODIBENZO-para-DIOXIN see: HP3095800
2,3-DICHLORODIBENZO-para-DIOXIN see: HP3096000
2,8-DICHLORODIBENZO-para-DIOXIN see: HP3150000
2,3-DICHLORODIBENZODIOXIN see: HP3096000
2,8-DICHLORODIBENZODIOXIN see: HP3150000
DICHLORODIBUTYLGERMANE see: LY5020000
DICHLORODIBUTYLSTANNANE see: WH7100000
DICHLORODIBUTYLTIN see: WH7100000
2,2-DICHLORO-N-(2,4-DICHLOROBENZYL)-N-(2-HYDROXYETHYL)ACETAMIDE see: AB6551000
1-(2,4-DICHLORO-beta-((2,4-DICHLOROBENZYL)OXY)PHENETHYL)-IMIDAZOLE NITRATE see: NI4771000
1-(2,4-DICHLORO-beta-(2,6-DICHLOROBENZYLOXY)PHENETHYL)IMIDAZOLE NITRATE see: NI4772000
1,1-DICHLORO-2,2-DICHLOROETHANE see: KI8575000
DICHLORO(4,5-DICHLORO-o-PHENYLENEDIAMMINE)PLATINUM (II) see: TP2494200
1,1-DICHLORO-2,2-DI(4-CHLOROPHENYL)ETHANE see: KI0700000
DICHLORODICYCLOPENTADIENYLTITANIUM see: XR2050000
DICHLORODI-pi-CYCLOPENTADIENYLTITANIUM see: XR2050000
6,6'-DICHLORO-6,6'-DIDEOXYSUCROSE see: LZ5779900
1,3-DICHLORO-2-DIETHYLAMINOPROPANE HYDROCHLORIDE see: UI0674620
beta,beta'-DICHLORODIETHYLAMINE see: BW8225000
beta,beta-DICHLORODIETHYL ETHER see: KN0875000
beta,beta'-DICHLORODIETHYL-N-METHYLAMINE see: IA1750000
beta,beta'-DICHLORODIETHYL-N-METHYLAMINE HYDROCHLORIDE see: IA2100000
beta,p-DICHLORO-N,N-DIETHYLPHENETHYLAMINE, HYDROCHLORIDE see: SH2185000
1,3-DICHLORO-N,N-DIETHYL-2-PROPYLAMINE HYDROCHLORIDE see: UI0674620
DICHLORODIETHYLSILANE see: VV3060000
DICHLORODIETHYLSTANNANE see: WH7200000
2,2'-DICHLORODIETHYL SULFIDE see: WQ0900000
DICHLORODIETHYLTIN see: WH7200000
1,1-DICHLORO-2,2-DIFLUOROETHYLENE see: KV9470000
DICHLORODIFLUOROETHYLENE (DOT) see: KV9460000
2,2-DICHLORO-1,1-DIFLUOROETHYL METHYL ETHER see: KN7820000
DICHLORODIFLUOROMETHANE see: PA8200000
DICHLORODIFLUOROMETHANE-CHLORODIFLUOROMETHANE MIXTURE (DOT) see: PA8220000
DICHLORODIFLUOROMETHANE-DICHLOROTETRAFLUOROETHANE MIXTURE (DOT) see: PA8250000
DICHLORODIFLUOROMETHANE and DIFLUOROETHANE MIXTURE (DOT) see: PA8260000
DICHLORODIFLUOROMETHANE and DIFLUOROETHANE, azeotropic mixture (DOT) see: PA8264000
DICHLORODIFLUOROMETHANE (DOT) see: PA8200000
DICHLORODIFLUOROMETHANE-TRICHLOROMONOFLUOROMETHANE MIXTURE (DOT) see: PA8275000
DICHLORODIFLUOROMETHANE-TRICHLOROTRIFLUOROETHANE MIXTURE (DOT) see: PA8280000
4,8-DICHLORO-1,5-DIHYDROXYANTHRAQUINONE see: CB6498500
3,5-DICHLORO-2,4-DIHYDROXYBENZOIC ACID see: VH3708800
cis-DICHLORO-trans-DIHYDROXYBIS(ISOPROPYLAMINE PLATINUM (IV) see: TP2230500
5,5'-DICHLORO-2,2'-DIHYDROXYDIPHENYLMETHANE see: SM0175000
3,5-DICHLORO-2,6-DIHYDROXY-4-METHYLBENZAMIDE see: VH3707680
DICHLORODIISOPROPYL ETHER see: KN1750000
2-((3,5-DICHLORO-2,6-DIMETHOXYBENZAMIDO)METHYL)-1-ETHYLPYRROLIDINE see: CV3459600
1,4-DICHLORO-2,5-DIMETHOXYBENZENE see: CZ4750000
3,5-DICHLORO-2,6-DIMETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE see: CV3459600
DICHLORO(4,5-DIMETHOXY-o-PHENYLENEDIAMMINE)PLATINUM (II) see: TP2494400
DICHLORO(3,4-DIMETHOXYPHENYL)PHENYLTELLURIUM see: WY2641000
3',4'-DICHLORO-4-DIMETHYLAMINOAZOBENZENE see: BX3150000
DICHLORO(p-(DIMETHYLAMINO)PHENYL)(m-NITROPHENYL)TELLURIUM see: WY2642000
DICHLORO(p-(DIMETHYLAMINO)PHENYL)-m-TOLYLTELLURIUM see: WY2643000

BEST COPY AVAILABLE

DICHLORO(p-(DIMETHYLAMINO)PHENYL)-p-TOLYLTELLURIUM see: WY2644000
1,1-DICHLORO-N-((DIMETHYLAMINO)SULFONYL)-1-FLUORO-N-PHENYLMETHANE SULFENAMIDE see: WO6475000
sym-DICHLORO-DIMETHYL ETHER see: KN1575000
sym-DICHLORODIMETHYL ETHER (DOT) see: KN1575000
DICHLORO(N,N-DIMETHYLETHYLENEDIAMMINE)PLATINUM(II) see: TP2494600
DICHLORO(N,N'-D.METHYLETHYLENEDIAMMINE)PLATINUM(II) see: TP2494700
DICHLORO(N,N-DIMETHYL-N'-ETHYLETHYLENEDIAMMINE)PLATINUM(II) see: TP2494800
1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN see: MU0700000
beta,p-DICHLORO-N,N-DIMETHYLPHENETHYLAMINE, HYDROCHLORIDE see: SM2195000
DICHLORO(4,5-DIMETHYL-o-PHENYLENEDIAMMINE)PLATINUM (II) see: TP2494900
cis-DICHLORO(4,5-DIMETHYL-o-PHENYLENEDIAMMINE)PLATINUM (II) see: TP2495000
3,5-DICHLORO-N-(1,1-DIMETHYL-2-PROPYNYL)BENZAMIDE see: CV3460000
DICHLORODIMETHYLSILANE see: VV3150000
DICHLORODIMETHYLSTANNANE see: WH7245000
DICHLORODIMETHYLTIN see: WH7245000
DICHLORODIOCTYLSTANNANE see: WH7247000
trans-2,3-DICHLORO-1,4-DIOXANE see: JG9800000
DICHLORODIOXOCHROMIUM see: GB5775000
Di-p-CHLORODIPHENOXYMETHANE see: PA3890000
DICHLORODIPHENYL DICHLOROETHANE see: KI0700000
o,p'-DICHLORODIPHENYLDICHLOROETHANE see: KH7880000
p,p'-DICHLORODIPHENYLDICHLOROETHANE see: KI0700000
p,p'-DICHLORODIPHENYL DICHLOROETHYLENE see: KV9450000
DICHLORODIPHENYLETHANOL see: DC7875000
p,p'-DICHLORODIPHENYLMETHYLCARBINOL see: DC7875000
DICHLORO DIPHENYL OXIDE see: KN8225000
DICHLORODIPHENYLSILANE see: VV3190000
p,p'-DICHLORODIPHENYL SULFIDE see: WQ2975000
DICHLORODIPHENYLTRICHLOROETHANE see: KJ3325000
p,p'-DICHLORODIPHENYLTRICHLOROETHANE see: KJ3325000
4,4'-DICHLORODIPHENYLTRICHLOROETHANE see: KJ3325000
DICHLORODIPHENYLTRICHLOROETHANE (DOT) see: KJ3325000
2,2'-DICHLORODIPROPYLAMINE HYDROCHLORIDE see: JL9626000
DICHLORODIPROPYLSTANNANE see: WH7255000
DICHLORODIPROPYLTIN see: WH7255000
cis-DICHLORO(DIPYRIDINE)PLATINUM(II) see: TP2495100
4,5-DICHLORO-1,3-DISULFAMOYLBENZENE see: CZ9200000
3,4-DICHLORODITHIOCARBANILIC ACID ETHYL ESTER see: FD8691000
3,4-DICHLORODITHIOCARBANILIC ACID GLYCOLATE see: FD8692000
3,4-DICHLORODITHIOCARBANILIC ACID METHYL ESTER see: FD8693000
cis-1,3-DICHLORO-1,2-EPOXYPROPANE see: TX9683010
trans-1,3-DICHLORO-1,2-EPOXYPROPANE see: TX9683000
DICHLOROETHANE see: KH9800000
alpha,beta-DICHLOROETHANE see: KI0525000
sym-DICHLOROETHANE see: KI0525000
1,1-DICHLOROETHANE see: KI0175000
1,2-DICHLOROETHANE see: KI0525000
DICHLORO-1,2-ETHANE (French) see: KI0525000
1,1-DICHLOROETHANE (DOT) see: KI0175000
DICHLOROETHANOIC ACID see: AG6125000
DICHLOROETHANOYL CHLORIDE see: AO6650000
1,1-DICHLOROETHENE (9CI) see: KV9275000
1,1-DICHLOROETHENE see: YZ8061000
1,2-DICHLOROETHENE see: KV9360000
1,1-DICHLOROETHENE POLYMER with CHLOROETHENE see: KV9750000
2,2-DICHLOROETHENYL 2,3-DICHLOROPROPYL ETHYL PHOSPHATE see: TB9670000
S-(1,2-DICHLOROETHENYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TF0470000
S-(2,2-DICHLOROETHENYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TF0475000
2,2-DICHLOROETHENYL DIMETHYL PHOSPHATE see: TC0350000
1,1'-DICHLOROETHENYLIDENE)BIS(4-CHLOROBENZENE) see: KV9450000
2,2-DICHLOROETHENYL METHYL PHENYL PHOSPHATE see: TB9700000
2,2-DICHLOROETHENYL PHOSPHORIC ACID DIMETHYL ESTER see: TC0350000
DICHLOROETHER see: KN0875000
Di-beta-CHLOROETHOXY-CHLOROARSINE see: CG8300000
DICHLOROETHYLALUMINUM see: BD0705000
4-DI-2''-CHLOROETHYLAMINOAZOBENZENE-2'-CARBOXYLIC ACID see: DG7450000
DI(2'-CHLOROETHYL)AMINO-1,4-BENZOQUINONE see: DK3450000
1,6-DI(2-CHLOROETHYLAMINO)-1,6-DIDEOXY-D-MANNITOL DIHYDROCHLORIDE see: OP2100000
9-(2-(DI(2-CHLOROETHYL)AMINO)ETHYLAMINO)-6-CHLORO-2-METHOXY-ACRIDINE see: AR7525000
N(super alpha)-(3-(DI-(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)-DL-ALANINE SODIUM SALT see: AY3300000
N-(3-DI-(2-CHLOROETHYL)AMINO-4-METHYLBENZOYL)-DL-p-CHLOROPHENYLALANINE see: AY3293000
4-(4-(DI-(2-CHLOROETHYL)-AMINO)-1-METHYL-BUTYLAMINO)-7-CHLOROQUINOLINE see: VB0175000
2-(DI-2-CHLOROETHYL)AMINOMETHYL-5,6-DIMETHYLBENZIMIDAZOLE see: DD6300000
2-(DI(2-CHLOROETHYL)AMINO)-1-OXA-3-AZA-2-PHOSPHACYCLOHEXANE-2-OXIDE MONOHYDRATE see: RP5950000
2-(DI(2-CHLOROETHYL)AMINO)2-OXIDE see: RP5950000
p-N,N-DI-(2-CHLOROETHYL)AMINOPHENYL ACETIC ACID see: AF5456000
N-(4-DI-(2-CHLOROETHYL)AMINOPHENYLACETYL)-DL-p-CHLOROPHENYLALANINE see: AY3700500
p-DI(2-CHLOROETHYL)AMINO-d-PHENYLALANINE see: AY3370000
p-DI-(2-CHLOROETHYL)-AMINO-D-PHENYLALANINE see: AY3370000
p-DI(2-CHLOROETHYL)AMINO-DL-PHENYLALANINE see: AY3600000
p-DI-(2-CHLOROETHYL)AMINO-L-PHENYLALANINE see: AY3675000
p-N-DI(CHLOROETHYL)AMINOPHENYLALANINE see: AY3675000
3-p-(DI(2-CHLOROETHYL)AMINO)-PHENYL-L-ALANINE see: AY3675000
gamma-(p-DI(2-CHLOROETHYL)AMINOPHENYL)BUTYRIC ACID see: ES7525000
N,N-DI-2-CHLOROETHYL-gamma-p-AMINOPHENYLBUTYRIC ACID see: ES7525000
p-N,N-DI-(beta-CHLOROETHYL)AMINOPHENYL BUTYRIC ACID see: ES7525000
p-(N,N-DI-2-CHLOROETHYL)AMINOPHENYL BUTYRIC ACID see: ES7525000
p-N,N-DI-(2-CHLOROETHYL)AMINOPHENYLPROPIONIC ACID see: MW5095000
p-N,N-DI-(2-CHLOROETHYL)AMINOPHENYLVALERIC ACID see: YV6191300
N,N-DI(2-CHLOROETHYL)AMINO-N,O-PROPYLENE PHOSPHORIC ACID ESTER DIAMIDE MONOHYDRATE see: RP5950000
5-(DI-(beta-CHLOROETHYL)AMINO)URACIL see: YQ8925000
5-(DI-2-CHLOROETHYL)AMINOURACIL see: YQ8925000
M,N,-DI(2-CHLOROETHYL)ANILINE see: BW8225000
DICHLOROETHYLARSINE see: CH3500000
DI-(2-CHLOROETHYL)-2-CHLORO-4-(1,2-DIBROMOETHYL)CYCLOHEXYLPHOSPHATE see: TB8560000
DI-(2-CHLOROETHYL)-2-CHLORO-5-(1,2-DIBROMOETHYL)CYCLOHEXYLPHOSPHATE see: TB8569000
O,O-DI(2-CHLOROETHYL)-O-(3-CHLORO-4-METHYLCOUMARIN-7-YL)PHOSPHATE see: GN5250000
O,O-DI(2-CHLOROETHYL)-7-(3-CHLORO-4-METHYLCOUMARINYL)PHOSPHATE see: GN5950000
DI-(2-CHLOROETHYL)-3-CHLORO-4-METHYL-7-COUMARINYL PHOSPHATE see: GN5250000
DI-(2-CHLOROETHYL) 3-CHLORO-4-METHYLCOUMARIN-7-YL PHOSPHATE see: GN5250000
DICHLOROETHYLENE see: KI0525000
DICHLOROETHYLENE see: KV9250000
cis-DICHLOROETHYLENE see: KV9420000
sym-DICHLOROETHYLENE see: KV9360000
trans-DICHLOROETHYLENE see: KV9400000
trans-1,2-DICHLOROETHYLENE see: KV9400000
1,1-DICHLOROETHYLENE see: KV9275000
1,1-DICHLOROETHYLENE see: YZ8061000
1,2-DICHLOROETHYLENE see: KV9360000
DICHLORO-1,2-ETHYLENE (French) see: KV9360000
1,2-DICHLOROETHYLENE CARBONATE see: JH7400000
cis-DICHLOROETHYLENEDIAMINEPLATINUM(II) see: TP2497120
DICHLORO(ETHYLENEDIAMMINE)PLATINUM(II) see: TP2497100
DICHLOROETHYLENE (DOT) see: KV9250000
1,1-DICHLOROETHYLENE-MONOCHLOROETHYLENE POLYMER see: KV9750000
cis-DICHLORO(ETHYLENE)PLATINUM see: TP2497070
1,1-DICHLOROETHYLENE POLYMER with CHLOROETHYLENE see: KV9750000
DICHLOROETHYL ETHER see: KN0875000
DI(beta-CHLOROETHYL)ETHER see: KN0875000
beta,beta'-DICHLOROETHYL ETHER see: KN0875000
sym-DICHLOROETHYL ETHER see: KN0875000
DI(2-CHLOROETHYL) ETHER see: KN0875000
2,2'-DICHLOROETHYL ETHER see: KN0875000
DICHLOROETHYL ETHER (DOT) see: KN0875000
DICHLOROETHYL FORMAL see: PA3675000
DI-2-CHLOROETHYL FORMAL see: PA3675000
1-(3,4-DICHLORO-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)PYRIDINIUM BROMIDE see: UU3874300PYRIDINIUM, 1-(3,4-DICHLORO-beta-((2-ETHYLHEXYL)OXY)-PHENETHYL)-, BROMIDE
DI-2-CHLOROETHYL MALEATE see: ON1050000
DI(2-CHLOROETHYL)METHYLAMINE see: IA1750000
DI(2-CHLOROETHYL)METHYLAMINE HYDROCHLORIDE see: IA2100000
DICHLOROETHYL-beta-NAPHTHYLAMINE see: QM2450000
DI(2-CHLOROETHYL)-beta-NAPHTHYLAMINE see: QM2450000
2-N,N-DI(2-CHLOROETHYL)NAPHTHYLAMINE see: QM2450000
DI((CHLORO-2-ETHYL)-2-N-NITROSO-N-CARBAMOYL)-N,N-CYSTAMINE see: YT2150000
DICHLOROETHYL OXIDE see: KN0875000
DICHLOROETHYLPHENYLSILANE see: VV3270000
DICHLOROETHYLPHOSPHINE see: TB2465000
N,N-DI(2-CHLOROETHYL)-N,O-PROPYLENE-PHOSPHORIC ACID ESTER DIAMIDE see: RP5950000
2-(1,2-DICHLOROETHYL)PYRIDINE HYDROCHLORIDE see: US8650000
beta,beta'-DICHLOROETHYL SULFIDE see: WQ0900000
DI-2-CHLOROETHYL SULFIDE see: WQ0900000
2,2'-DICHLOROETHYL SULPHIDE see: WQ0900000
DICHLOROETHYNE see: AP1080000
DICHLOROFEN (Czech) see: SM0175000
3-(3,4-DICHLORO-FENIL)-1-METOSSI-1-METIL-UREA (Italian) see: YS9100000
DICHLOROFENTHION see: TF0350000
2,5-DICHLORO-4-(2-FLUOROACETAMIDO)PHENYL THIOCYANATE see: XK9030000 THIOCYANIC ACID, 2,5-DICHLORO-4-(2-FLUOROACETAMIDO)PHENYL ESTER
2',5'-DICHLORO-2-FLUOROACETANILIDE see: AE1970470 ACETANILIDE, 2',5'-DICHLORO-2-FLUORO-
DICHLOROFLUOROETHANE see: KI0995000
DICHLOROFLUOROMETHANE see: PA8400000
DICHLOROFLUOROMETHANE-TRICHLOROFLUOROMETHANE (DOT) see: PA8278000
DICHLORO(FLUOROPHENYL)METHYLSILANE see: VV3400000 SILANE, DICHLORO(FLUOROPHENYL)METHYL-
4',5-DICHLORO-N-(4-FLUORO-2-METHYLPHENYL)-2-HYDROXY-(1,1'-BIPHENYL)-3-CARBOXAMIDE see: DV2050000
N-(DICHLOROFLUOROMETHYLTHIO)-N',N'-DIMETHYL-N-PHENYL SULFAMIDE see: WO6475000
N-(DICHLOROFLUOROMETHYLTHIO)-N-(DIMETHYLSULFAMOYL)-ANILINE see: WO6475000
alpha,beta-DICHLORO-beta-FORMYL ACRYLIC ACID see: AS7700000
(2,3-DICHLORO-4-(2-FUROYL)PHENOXY)ACETIC ACID see: AG6542000 ACETIC ACID, (2,3-DICHLORO-4-(2-FUROYL)PHENOXY)-
4,5-DICHLOROGUAIACOL see: SL0200000
DICHLOROHYDRIN see: UB1400000 2-PROPANOL, 1,3-DICHLORO-
alpha-DICHLOROHYDRIN see: UB1400000
6,7-DICHLORO-4-(HYDROXYAMINO)QUINOLINE 1-OXIDE see: VB4375000
D-(-)-threo-2,2-DICHLORO-N-(beta-HYDROXY-alpha-(HYDROXYMETHYL))-p-NITROPHENETHYLACETAMIDE see: AB6825000
6,11-beta-DICHLORO-17-HYDROXY-19-NORPREGNA-4,6-DIENE-3,20-DIONE ACETATE see: RC8899100
2,6-DICHLORO-4-((p-HYDROXYPHENYL)IMINO)-2,5-CYCLOHEXADIEN-1-ONE SODIUM SALT see: GU5495000
DI-(5-CHLORO-2-HYDROXYPHENYL)METHANE see: SM0175000
2,5-DICHLORO-4-(2-IODOACETAMIDO)PHENYL THIOCYANATE see: XK9040000 THIOCYANIC ACID, 2,5-DICHLORO-4-(2-IODOACETAMIDO)PHENYL ESTER
O-(2,5-DICHLORO-4-IODOPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TF0175000
DICHLOROISOBUTANE see: TX9695000 PROPANE, DICHLORO-2-METHYL-
1,2-DICHLOROISOBUTANE see: TX9695000 PROPANE, DICHLORO-2-METHYL-
3,3-DICHLOROISOBUTYLENE see: UC8430000 PROPENE, 3,3-DICHLORO-2-METHYL-
1,3-DICHLOROISOBUTYLENE see: UC8420000 PROPENE, 1,3-DICHLORO-2-METHYL-
DICHLOROISOCYANURIC ACID see: XZ1845000
DICHLOROISOCYANURIC ACID, dry (DOT) see: XZ1845000
DICHLOROISOCYANURIC ACID POTASSIUM SALT see: XZ1850000
DICHLOROISOCYANURIC ACID POTASSIUM SALT (DOT) see: XZ1850000
DICHLOROISOCYANURIC ACID SODIUM SALT see: XZ1900000
DICHLOROISOCYANURIC ACID SODIUM SALT (DOT) see: XZ1900000
DICHLOROISOPRENALINE HYDROCHLORIDE see: DO1200000
sym-DICHLOROISOPROPYL ALCOHOL see: UB1400000
3,4-DICHLORO-alpha-(ISOPROPYLAMINOMETHYL)BENZYL ALCOHOL see: DO1080000
DICHLOROISOPROPYL ETHER see: KN1750000
2,2'-DICHLOROISOPROPYL ETHER see: KN1750000
DICHLOROISOPROPYL ETHER (DOT) see: KN1750000
DICHLOROISOPROTERENOL HYDROCHLORIDE see: DO1200000
DICHLOROKELTHANE see: DC8400000
DICHLOROMALEALDEHYDIC ACID see: AS7700000
2,3-DICHLOROMALEIC ALDEHYDE ACID see: AS7700000
DICHLOROMAPHARSEN see: SJ5775000
3',4'-DICHLORO-2-METHACRYLANILIDE see: AS4025000
DICHLOROMETHANE see: PA8050000
DICHLOROMETHANE (DOT) see: PA8050000
DICHLOROMETHAZANONE see: XJ1050000
DICHLOROMETHOTREXATE see: MA1250000
3',5'-DICHLOROMETHOTREXATE see: MA1250000
2,5-DICHLORO-6-METHOXYBENZOIC ACID see: DG7525000
3,6-DICHLORO-2-METHOXYBENZOIC ACID see: DG7525000
3,6-DICHLORO-2-METHOXYBENZOIC ACID SODIUM SALT see: DG7525100
3,4-DICHLORO-alpha-METHOXYBENZYL PENICILLIN SODIUM see: XH8921000
4,5-DICHLORO-2-METHOXYPHENOL see: SL0200000
3',4'-DICHLORO-2-METHYLACRYLANILIDE see: AS4025000
9,10-DI(CHLOROMETHYL)ANTHRACENE see: CA9365000
DICHLOROMETHYLARSINE see: CH4375000

BEST COPY AVAILABLE

2-(3,4-DICHLORO-N-METHYLBENZAMIDO)HYDROCINNAMIC ACID see: MW5142000
4-(o-(3,4-DICHLORO-N-METHYLBENZAMIDO)PHENYL)BUTYRIC ACID see: ES9060000
(DICHLOROMETHYL)BENZENE see: CZ5075000
4,4'-DICHLORO (METHYL BENZHYDROL) see: DC7875000
4,4'-DICHLORO-alpha-METHYLBENZHYDROL see: DC7875000
4,4'-DICHLORO-alpha-METHYLBENZOHYDROL see: DC7875000
1-(2,4-DICHLORO-beta-(p-METHYLBENZYLOXY)PHENETHYL)IMIDAZOLE NITRATE see: NI4774000
DICHLOROMETHYLCHLORARSINE see: CG9275000
3-DICHLOROMETHYL-6-CHLORO-7-SULFAMOYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE see: DK8925000
3-DICHLOROMETHYL-6-CHLORO-7-SULFAMYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE see: DK8925000
DICHLOROMETHYL CYANIDE see: AL8465000
2,2'-DICHLORO-N-METHYLDIETHYLAMINE see: IA1750000
2,2'-DICHLORO-N-METHYLDIETHYLAMINE HYDROCHLORIDE see: IA2100000
2,2'-DICHLORO-N-METHYLDIETHYLAMINE-N-OXIDE see: IA2200000
2,2'-DICHLORO-N-METHYLDIETHYLAMINE N-OXIDE HYDROCHLORIDE see: IA2275000
3,5-DICHLORO-4-METHYL-2,6-DIHYDROXYBENZOIC ACID see: VH3708820
N-(DICHLOROMETHYLENE)ANILINE see: NJ6700000
2,3-DICHLORO-4-(2-METHYLENEBUTYRL)PHENOXY ACETIC ACID see: AG6600000
(2,3-DICHLORO-4-(2-METHYLENEBUTYRYL)PHENOXY)ACETIC ACID see: AG6600000
2-DICHLOROMETHYLENE-3a,7a-DICHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE-1,3-DIONE see: PC0510000
(2,3-DICHLORO-4-(2-METHYLENE-1-OXOBUTYL)PHENOXY)ACETIC ACID see: AG6600000
alpha,alpha-DICHLOROMETHYL ETHER see: KN8150000
sym-DICHLOROMETHYL ETHER see: KN1575000
3,4-DICHLORO-alpha-(((1-METHYLETHYL)AMINO)METHYL)BENZENEMETHANOL see: DO1080000
1,3-DICHLORO-5,5'-METHYLHYDANTOIN see: MU0700000
alpha,alpha-DICHLOROMETHYL METHYL ETHER see: KN8150000
(-)-6,7-DICHLORO-2-METHYL-1-OXO-2-PHENYL-5-INDANYLOXYACETIC ACID see: AH0306000
(+)-6,7-DICHLORO-2-METHYL-1-OXO-2-PHENYL-5-INDANYLOXYACETIC ACID see: AH0307000
3,3-DICHLOROMETHYLOXYCYCLOBUTANE see: RQ6826000 OXETANE, 3,3-BIS(CHLOROMETHYL)-
2-((2,6-DICHLORO-3-METHYLPHENYL)AMINO)BENZOIC ACID see: CB2900000
2-((2,6-DICHLORO-3-METHYLPHENYL)AMINO)BENZOIC ACID ETHOXYMETHYL ESTER see: CB2975100
N-(2,4-DICHLORO-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS8730000
2',6'-DICHLORO-2-(4-METHYLPIPERAZINO)ACETANILIDE see: AE1970800
DICHLORO-2-METHYLPROPANE see: TX9695000 PROPANE, DICHLORO-2-METHYL-
1,2-DICHLORO-2-METHYLPROPENE see: UC8410000 PROPENE, 1,2-DICHLORO-2-METHYL-
1,3-DICHLORO-2-METHYLPROPENE see: UC8420000 PROPENE, 1,3-DICHLORO-2-METHYL-
1,3-DICHLORO-2-METHYL-1-PROPENE see: UC8420000 PROPENE, 1,3-DICHLORO-2-METHYL-
3,3-DICHLORO-2-METHYLPROPENE see: UC8430000 PROPENE, 3,3-DICHLORO-2-METHYL-
3,3-DICHLORO-2-METHYL-1-PROPENE see: UC8430000 PROPENE, 3,3-DICHLORO-2-METHYL-
2,3-DICHLORO-2-METHYLPROPIONALDEHYDE see: UE1050000
2,3-DICHLORO-2-METHYLPROPIONIC ACID, SODIUM SALT see: UF0950000
DICHLORO(1-METHYLPROPYL)ARSINE see: CG9100000
3,5-DICHLORO-4-METHYL-gamma-RESORCYLAMIDE see: VH3707680
5,6-DICHLORO-1-(2-O-METHYL-beta-D-RIBOFURANOSYL)BENZIMIDAZOLE see: DD7151000
5,6-DICHLORO-1-(3-O-METHYL-beta-D-RIBOFURANOSYL)BENZIMIDAZOLE see: DD7151300
DICHLOROMETHYLSILANE see: VV3500000
1,2-DICHLORO-1-(METHYLSULFONYL)ETHYLENE see: KV9490000
O-(DICHLORO(METHYLTHIO)PHENYL) O,O-DIETHYL PHOSPHOROTHIOATE (3 isomers) see: TF1590000
DICHLOROMONOETHYLALUMINUM see: BD0705000
DICHLOROMONOFLUOROMETHANE see: PA8400000
DICHLOROMONOFLUOROMETHANE (DOT) see: PA8400000
2,3-DICHLORO-1,4-NAPHTHALENEDIONE see: QL7525000
2,3-DICHLORO-1,4-NAPHTHAQUINONE see: QL7525000
DICHLORONAPHTHOQUINONE see: QL7525000
2,3-DICHLORONAPHTHOQUINONE see: QL7525000
2,3-DICHLORO-alpha-NAPHTHOQUINONE see: QL7525000
2,3-DICHLORO-1,4-NAPHTHOQUINONE see: QL7525000
2,3-DICHLORONAPHTHOQUINONE-1,4 see: QL7525000
(o-(2,4-DICHLORO-1-NAPHTHYLAMINO)PHENYL)ACETIC ACID SODIUM SALT see: AG6645000
2,6-DICHLORO-4-NITROANILINE see: BX2975000
2,6-DICHLORO-4-NITROBENZENAMINE see: BX2975000
1,4-DICHLORO-2-NITROBENZENE see: CZ5260000
2,5-DICHLORONITROBENZENE see: CZ5260000
5,6-DICHLORO-2-NITROBENZIMIDAZOLE see: DD7152000
2',4'-DICHLORO-4-NITROBIPHENYL ETHER see: KN8400000
2,3-DICHLORO-7-NITRO-DIBENZO-p-DIOXIN see: HP3167000
2,4-DICHLORO-4'-NITRODIPHENYL ETHER see: KN8400000
DICHLORONITROETHANE see: KI1050000
1,1-DICHLORO-1-NITROETHANE see: KI1050000
1,1-DICHLORO-1-NITROETHANE (DOT) see: KI1050000
1,2-DICHLORO-3-NITRONAPHTHALENE see: QJ3675000
2,4-DICHLORO-1-(4-NITROPHENOXY)BENZENE see: KN8400000
N-(4,5-DICHLORO-2-NITROPHENYL)GLYCINE see: MB9585000
N-(4,5-DICHLORO-2-NITROPHENYL)GLYCINE ETHYL ESTER see: MB9585500
N-(4,5-DICHLORO-2-NITROPHENYL)-DL-LEUCINE see: OH3162000
N-(4,5-DICHLORO-2-NITROPHENYL)-DL-METHIONINE see: PD0705000
N-(4,5-DICHLORO-2-NITROPHENYL)-DL-PHENYLALANINE see: AY4850000
N-(4,5-DICHLORO-2-NITROPHENYL)-DL-PHENYLALANINE ETHYL ESTER see: AY4851000
N-(4,5-DICHLORO-2-NITROPHENYL)-DL-SERINE see: VT9625500
2,3-DICHLORO-4-NITROPYRROLE see: UX9459000
6,7-DICHLORO-4-NITROQUINOLINE 1-OXIDE see: VB4550000
2',5-DICHLORO-4'-NITROSALICYLANILIDE see: VN8400000
2',5-DICHLORO-4'-NITROSALICYLANILIDE, 2-AMINOETHANOL SALT see: VN8575000
5,2'-DICHLORO-4'-NITROSALICYLIC ANILIDE, ETHANOLAMINE SALT see: VN8575000
5,2-DICHLORO-4-NITROSALICYLIC ANILIDE 2-AMINOETHANOL SALT see: VN8575000
2',5-DICHLORO-4'-NITROSALICYLOYLANILIDE ETHANOLAMINE SALT see: VN8575000
2',4'-DICHLORO-4-NITROSOBIPHENYL ETHER see: CZ5460000
2,2'-DICHLORO-N-NITROSODIPROPYLAMINE see: JL9635000
2,4-DICHLORO-1-(4-NITROSOPHENOXY)BENZENE see: CZ5460000
3,4-DICHLORONITROSOPIPERIDINE see: TM7067000
3,4-DICHLORO-N-NITROSOPYRROLIDINE see: UY0800000
2,3-DICHLORO-4-OXO-2-BUTENOIC ACID see: AS7700000
3,4-DICHLORO-N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)BENZAMIDE see: CV3560000
DICHLOROOXOZIRCONIUM see: ZH7700000
1-(2,4-DICHLOROPHENOXY)-3-(ETHYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE see: UB1461000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-(ETHYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
DICHLOROPENTANE (DOT) see: SA0330000
DICHLOROPHEN see: SM0175000
DICHLOROPHENAMIDE see: CZ9200000
DICHLOROPHENARSINE HYDROCHLORIDE see: SJ5775000
DICHLOROPHEN B see: SM0175000
DICHLOROPHENE see: SM0175000
(3,4-DICHLOROPHENETHYL)HYDRAZINE see: MV2096000
DICHLOROPHENOBARBITAL see: CQ3471000
2,4-DICHLOROPHENOL see: SK8575000
2,6-DICHLOROPHENOL see: SK8750000
2,4-DICHLOROPHENOL ACETATE see: SK8925000
2,4-DICHLOROPHENOL BENZENESULFONATE see: SK9100000
3-(3,4-DICHLOROPHENOL)-1,1-DIMETHYLUREA see: YS8925000
2-(2,4-DICHLOROPHENOXY)ACETAMIDE see: AB6945000 ACETAMIDE, 2-(2,4-DICHLOROPHENOXY)-
DICHLOROPHENOXYACETIC ACID see: AG6825000
2,4-DICHLOROPHENOXYACETIC ACID see: AG6825000
2,4-DICHLOROPHENOXYACETIC ACID AMINE SALT see: AB6945000 ACETAMIDE, 2-(2,4-DICHLOROPHENOXY)
(2,4-DICHLOROPHENOXY)ACETIC ACID AMMONIUM SALT see: AG7075000
(2,4-DICHLOROPHENOXY)ACETIC ACID, BUTYL ESTER see: AG8050000
2,4-DICHLOROPHENOXYACETIC ACID, DIETHYLAMINE SALT see: AG8390000
(2,4-DICHLOROPHENOXY)ACETIC ACID DIMETHYLAMINE see: AG8400000
2,4-DICHLOROPHENOXYACETIC ACID (DOT) see: AG6825000
(2,4-DICHLOROPHENOXY)ACETIC ACID ETHYL ESTER see: AG8500000
2,4-DICHLOROPHENOXYACETIC ACID, ISOOCTYL ESTER see: AG8575000
2,4-DICHLOROPHENOXYACETIC ACID, PROPYLENE GLYCOL BUTYL ETHER ESTERS see: AG7800000
2,4-DICHLOROPHENOXYACETIC ACID, SODIUM SALT see: AG8925000
1-(2,4-DICHLOROPHENOXYACETYL)-3,5-DIMETHYL PYRAZOLE see: UQ6475000
2,4-DICHLOROPHENOXYAMIDE see: AB6945000 ACETAMIDE, 2-(2,4-DICHLOROPHENOXY)-
2-(2,4-DICHLOROPHENOXY)BENZENEACETIC ACID see: CY1577850
gamma-(2,4-DICHLOROPHENOXY)BUTYRIC ACID see: ES9100000
4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID see: ES9100000
gamma-(2,4-DICHLOROPHENOXY)BUTYRIC ACID, SODIUM SALT see: ES9275000
2,4-DICHLOROPHENOXYBUTYRIC ACID, SODIUM SALT see: ES9275000
5,6-DICHLORO-1-PHENOXYCARBONYL-2-TRIFLUOROMETHYLBENZIMIDAZOLE see: DD8650000
1-(3,4-DICHLOROPHENOXY)-N-(2-(DIPHENYLMETHOXY)ETHYL)-2-PROPYLAMINE HEMIFUMARATE see: UH0674900
3-(3,4-DICHLOROPHENOXY)-5,6-DIPHENYL-as-TRIAZINE see: XY7340000
2,4-DICHLOROPHENOXY ETHANEDIOL see: KI2275000
2-(2,4-DICHLOROPHENOXY)ETHANOL see: KK4375000
2-(2,4-DICHLOROPHENOXY)ETHANOL HYDROGEN SULFATE SODIUM SALT see: KK4900000
2-(1-(2,6-DICHLOROPHENOXY)ETHYL)-2-IMIDAZOLINE HYDROCHLORIDE see: NJ2570000
1-(2,4-DICHLOROPHENOXY)-3-(ETHYL(2-PIPERIDINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE see: UB1462000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-(ETHYL(2-PIPERIDINOETHYL)AMINO)-, DIHYDROCHLORIDE
2,4-DICHLOROPHENOXYETHYL SULFATE, SODIUM SALT see: KK4900000
3-(2,4-DICHLOROPHENOXY)-2-HYDROXYPROPYL-o-CHLOROPHENYL ARSINIC ACID see: CH7242000
1-(2,4-DICHLOROPHENOXY)-3-(ISOPROPYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE see: UB1463000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-(ISOPROPYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
1-(2,4-DICHLOROPHENOXY)-3-(ISOPROPYL(2-PIPERIDINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE see: UB1464000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-(ISOPROPYL(2-PIPERIDINOETHYL)AMINO)-, DIHYDROCHLORIDE
DI-(p-CHLOROPHENOXY)METHANE see: PA3890000
DI-(4-CHLOROPHENOXY)METHANE see: PA3890000
S-((2,4-DICHLOROPHENOXY)METHYL) O-ETHYL ETHYLPHOSPHONODITHIOATE see: TA5680000
1-(2,4-DICHLOROPHENOXY)-3-(METHYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE see: UB1465000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-(METHYL(2-MORPHOLINOETHYL)AMINO-, DIHYDROCHLORIDE
1-(2,4-DICHLOROPHENOXY)-3-(METHYL(2-PIPERIDINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE see: UB1466000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-(METHYL(2-PIPERIDINOETHYL)AMINO-, DIHYDROCHLORIDE
S-((2,4-DICHLOROPHENOXY)METHYL) O-PROPYL ETHYLPHOSPHONODITHIOATE see: TA5690000
1-(2,4-DICHLOROPHENOXY)-3-((2-MORPHOLINOETHYL)PROPYLAMINO)-2-PROPANOL DIHYDROCHLORIDE see: UB1467000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-((2-MORPHOLINOETHYL)PROPYLAMINO)-, DIHYDROCHLORIDE
4-(2,4-DICHLOROPHENOXY)NITROBENZENE see: KN8400000
2-(4-(2,4-DICHLOROPHENOXY)PHENOXY)-METHYL-PROPIONATE see: UF1180000
(o-(2,4-DICHLOROPHENOXY)PHENYL)ACETIC ACID see: CY1577850
(2-(2,4-DICHLOROPHENOXY)PHENYL)ACETIC ACID see: CY1577850
alpha-(2,4-DICHLOROPHENOXY) PROPIONIC ACID see: UF1050000
alpha-(2,5-DICHLOROPHENOXY)PROPIONIC ACID see: UF1150000
2-(2,4-DICHLOROPHENOXY) PROPIONIC ACID see: UF1050000
(+)-2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID see: UF1100000
2-(2,5-DICHLOROPHENOXY)PROPIONIC ACID see: UF1150000
(2,4-DICHLOROPHENOXY)TRIBUTYLSTANNANE see: WH7260000
2-(2,4-DICHLOROPHENOXY)-4,5,6-TRICHLOROPHENOL see: SL0532000
2,4-DICHLOROPHENYL ACETATE see: SK8925000
2-((2,6-DICHLOROPHENYL)AMINO)BENZENEACETIC ACID MONOSODIUM SALT see: AG6330000
2-(2,6-DICHLOROPHENYLAMINO)-2-IMIDAZOLIN HYDROCHLORID (German) see: NJ2490000
DICHLOROPHENYLARSINE see: CH5425000
N-(3,4-DICHLOROPHENYL)-1-AZIRIDINECARBOXAMIDE see: CM6760000
p-((3,4-DICHLOROPHENYL)AZO)-N,N-DIMETHYLANILINE see: BX3150000
3,4-DICHLOROPHENYLAZOTHIOUREA see: XX9625000
3,4-DICHLOROPHENYL-AZOTHIOUREE (French) see: XX9625000
N-(3,4-DICHLOROPHENYL)BENZAMIDINE see: CV6142600
2,4-DICHLOROPHENYL BENZENESULFONATE see: SK9100000
2,4-DICHLOROPHENYL ester of BENZENESULFONIC ACID see: SK9100000
2,4-DICHLOROPHENYL BENZENESULPHONATE see: SK9100000
1-(2,5-DICHLOROPHENYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1789000
O-1-(2,4-DICHLOROPHENYL)-2-BROMOVINYL O,O-DIETHYL PHOSPHATE see: TB8450000
O-1-(2,4-DICHLOROPHENYL)-2-BROMOVINYL-O,O-DIMETHYL PHOSPHATE see: TB8460000
3,4-DICHLOROPHENYL-N-CARBAMOYLAZIRIDINE see: CM6760000
2,4'-DICHLOROPHENYLDICHLORETHANE see: KH7880000
O-2,4-DICHLOROPHENYL O,O-DIETHYL PHOSPHOROTHIOATE see: TF0350000
2,4-DICHLORO-PHENYL DIETHYL PHOSPHOROTHIONATE see: TF0350000
1,6-DI(4'-CHLOROPHENYLDIGUANIDINO)HEXANE DIACETATE see: DU1930000
1,6-DI(4'-CHLOROPHENYLDIGUANIDO)HEXANE see: DU1925000
N-(3,4-DICHLOROPHENYL)-N-((DIMETHYLAMINO)CARBONYL)BENZAMIDE see: CV3680300
N-(3',5'-DICHLOROPHENYL)-1,2-DIMETHYLCYCLOPROPANE-1,2-DICARBOXIMIDE see: GZ2150000
3-(3,5-DICHLOROPHENYL-5,5-DIMETHYL OXAZOLINE-DIONE-2,4 see: RP8480000
2,4-DICHLOROPHENYL DIMETHYL PHOSPHATE see: TC0270000
N'-(2,6-DICHLOROPHENYL)-N,N-DIMETHYL-1-PIPERIDINECARBOXAMIDINE HYDROCHLORIDE see: TM6116000
1-(2,4-DICHLOROPHENYL)-4,4-DIMETHYL-2-(1,2,4-TRIAZOL-1-YL)PENTAN-3-OL see: KZ4804000
N'-(3,4-DICHLOROPHENYL)-N,N-DIMETHYLUREA see: YS8925000
3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYLUREA see: YS8925000
1-(3,4-DICHLOROPHENYL)-3,3-DIMETHYLUREE (French) see: YS8925000
2,6-DICHLORO-p-PHENYLENEDIAMINE see: SS9175000
cis-DICHLORO(o-PHENYLENEDIAMINE)PLATINUM (II) see: TP2497300
DICHLORO(1,2-PHENYLENEDIAMMINE)PLATINUM (II) see: TP2497300
DI-(p-CHLOROPHENYL)-ETHANOL see: DC7875000
3-(3,5-DICHLOROPHENYL)-5-ETHENYL-5-METHYL-2,4-OXAZOLIDINEDIONE see: RP8530000
N-(2,6-DICHLOROPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-UREA HYDROCHLORIDE see: YS8940000

BEST COPY AVAILABLE

5-(3,4-DICHLOROPHENYL)-5-ETHYLBARBITURIC ACID see: CQ3471000
O-(2,4-DICHLOROPHENYL) O-ETHYL ETHYLPHOSPHONOTHIOATE see: TB0400000
O-(2,4-DICHLOROPHENYL) O-ETHYL S-PROPYLPHOSPHORODITHIOATE see: TD5680000
N-(beta-(3,4-DICHLOROPHENYL)-beta-HYDROXYETHYL)ISOPROPYLAMINE see: DO1080000
2-(3,4-DICHLOROPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3015000
2-((2,6-DICHLOROPHENYL)IMINO)IMIDAZOLIDINE MONOHYDROCHLORIDE see: NJ2490000
N-(2,6-DICHLOROPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS8980000
DICHLOROPHENYL ISOCYANATES (DOT) see: NQ8755000
N-(3,4-DICHLOROPHENYL)ISONICOTINAMIDINE see: NS0984000
1-(3,4-DICHLOROPHENYL)-2-ISOPROPYLAMINOETHANOL see: DO1080000
1-(3',4'-DICHLOROPHENYL)-2-ISOPROPYLAMINOETHANOL HYDROCHLORIDE see: DO1200000
N-(3,4-DICHLOROPHENYL)METHACRYLAMIDE see: AS4025000
N'-(3,4-DICHLOROPHENYL)-N-METHOXY-N-METHYLUREA see: YS9100000
3-(3,4-DICHLOROPHENYL)-1-METHOXYMETHYLUREA see: YS9100000
3-(3,4-DICHLOROPHENYL)-1-METHOXY-1-METHYLUREA see: YS9100000
1-(3,4-DICHLOROPHENYL)3-METHOXY-3-METHYLUREE (French) see: YS9100000
2,4-DICHLOROPHENYL 3'-METHOXY-4'-NITROPHENYL ETHER see: KN8300000
5-(2,4-DICHLOROPHENYL)-3-METHOXY-as-TRIAZINE see: XY7342000
3-(3,4-DICHLOROPHENYL)-1-METHYL-1-BUTYLUREA see: YS3810000
DI(p-CHLOROPHENYL) METHYLCARBINOL see: DC7875000
O-(2,4-DICHLOROPHENYL) O-METHYL ISOPROPYLPHOSPHORAMIDOTHIOATE see: TB5075000
O-(2,4-DICHLOROPHENYL) O-METHYL N-ISOPROPYLPHOSPHORAMIDOTHIOATE see: TB5075000
3-(2,6-DICHLOROPHENYL)-5-METHYL-4-ISOXAZOLYL PENICILLIN SODIUM MONOHYDRATE see: XH8925000
N-(3,4-DICHLOROPHENYL)-N'-METHYL-N'-METHOXYUREA see: YS9100000
2-(3,4-DICHLOROPHENYL)-4-METHYL-1,2,4-OXADIAZOLIDINE-3,5-DIONE see: RO0835000
3-(3,5-DICHLOROPHENYL)-5-METHYL-5-OXIRANYL-2,4-OXAZOLIDINEDIONE see: RP8500000
N-(2,6-DICHLOROPHENYL)-2-(N-METHYLPIPERAZINYL)ACETAMIDE see: AE1970800
N-(3,4-DICHLOROPHENYL)-2-METHYL-2-PROPENAMIDE see: AS4025000
3-(2,4-DICHLOROPHENYL)-2-METHYLPYRIDO(3,2-d)PYRIMIDIN-4(3H)-ONE see: UV1162500
5-(3,4-DICHLOROPHENYL)-6-METHYL-2,4-PYRIMIDINEDIAMINE see: UV8180000
5-(2,4-DICHLOROPHENYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY7344000
N-(3,4-DICHLOROPHENYL)NICOTINAMIDINE see: QS4710000
2,4-DICHLOROPHENYL p-NITROPHENYL ETHER see: KN8400000
2,4-DICHLOROPHENYL 4-NITROPHENYL ETHER see: KN8400000
3-(3,4-DICHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)ACRYLOPHENONE see: FL7008000
3-(3,4-DICHLOROPHENYL)-2-PHENYL-4'-beta-PYRROLIDINOETHOXYACRYLOPHENONE see: FL7008000
DICHLOROPHENYLPHOSPHINE see: TB2478000
DICHLOROPHENYLPHOSPHINE SULFIDE see: TB2200000
4-(3,4-DICHLOROPHENYL)-1-PIPERAZINECARBOXAMIDINE SULFATE (2:1) see: TL0872000 1-PIPERAZINECARBOXAMIDINE, 4-(3,4-DICHLOROPHENYL)-, HEMISULFATE
6,8-DICHLORO-2-PHENYL-alpha-(2-PIPERIDYL)-4-QUINOLINEMETHANOL MONOHYDROCHLORIDE see: VC0309000
N-(3,4-DICHLOROPHENYL)PROPANAMIDE see: UE4900000
N-(3,4-DICHLOROPHENYL)PROPIONAMIDE see: UE4900000
3',4'-DICHLOROPHENYLPROPIONANILIDE see: UE4900000
1-(2-(2,4-DICHLOROPHENYL)-4-PROPYL-1,3-DIOXOLAN-2-YLMETHYL) 1H-1,2,4-TRIAZOLE see: XZ4620000
O-(2,4-DICHLOROPHENYL) S-PROPYL METHYLPHOSPHONODITHIOATE see: TA7490000
3,4-DICHLORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE see: FL7008000
N-(3,5-DICHLOROPHENYL)SUCCINIMIDE see: WN2500000
3-(2-(3,4-DICHLOROPHENYL)-4-THIAZOLYL)-4-HYDROXY-1H-PYRROLE-2,5-DIONE see: UX9570000
2,5-DICHLOROPHENYLTHIOMETHYL O,O-DIETHYL PHOSPHORODITHIOATE see: TD5775000
5-(2,5-DICHLOROPHENYLTHIOMETHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TD5775000
5-((3,4-DICHLOROPHENYLTHIO)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TD5950000
5-(2,5-DICHLOROPHENYLTHIOMETHYL) DIETHYL PHOSPHOROTHIOLOTHIONATE see: TD5775000
5-(((2,3-DICHLOROPHENYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TD6100000
5-(((2,5-DICHLOROPHENYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TD6125000
5-(((3,5-DICHLOROPHENYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TD6330000
DI-(p-CHLOROPHENYL)TRICHLOROMETHYLCARBINOL see: DC8400000
DICHLOROPHENYLTRICHLOROSILANE (DOT) see: VV3540000
DICHLOROPHOS see: TC0350000
DICHLOROPHOSPHORIC ACID, ETHYL ESTER see: TD4390000
DICHLOROPROP see: UF1050000
DICHLOROPROPANE see: TX9350000
alpha,beta-DICHLOROPROPANE see: TX9625000
1,1-DICHLOROPROPANE see: TX9450000
1,2-DICHLOROPROPANE see: TX9625000
DICHLOROPROPANE-DICHLOROPROPENE mixture see: TX9800000
DICHLOROPROPANE (DOT) see: TX9350000
2,2-DICHLOROPROPANOIC ACID see: UF0690000
2,2-DICHLOROPROPANOIC ACID 2-(2,4,5-TRICHLOROPHENOXY)ETHYL ESTER see: UF4100000
1,2-DICHLOROPROPANOL-3 see: UB1225000
1,2-DICHLORO-3-PROPANOL see: UB1225000
1,3-DICHLORO-2-PROPANOL see: UB1400000
2,3-DICHLOROPROPANOL see: UB1225000
2,3-DICHLORO-1-PROPANOL see: UB1225000
1,3-DICHLOROPROPANOL-2 (DOT) see: UB1400000
1,3-DICHLORO-2-PROPANOL PHOSPHATE (3:1) see: UB1473000
1,3-DICHLORO-2-PROPANONE see: UC1430000
DICHLOROPROPENE see: UC8310000
cis-1,3-DICHLOROPROPENE see: UC8325000
(E)-1,3-DICHLOROPROPENE see: UC8320000
trans-1,3-DICHLOROPROPENE see: UC8320000
(Z)-1,3-DICHLOROPROPENE see: UC8325000
1,2-DICHLOROPROPENE see: UC8300000
1,3-DICHLOROPROPENE see: UC8310000
1,3-DICHLOROPROPENE-1 see: UC8310000
2,3-DICHLOROPROPENE see: UC8400000
2,3-DICHLORO-1-PROPENE see: UC8400000
1,3-DICHLOROPROPENE and 1,2-DICHLOROPROPANE mixture see: TX9800000
DICHLOROPROPENE (DOT) see: UC8280000
cis-1,3-DICHLOROPROPENE OXIDE see: TX9683010
trans-1,3-DICHLOROPROPENE OXIDE see: TX9683000
2,3-DICHLORO-2-PROPENE-1-THIOL DIISOPROPYLCARBAMATE see: EZ8225000
S-(((3,3-DICHLORO-2-PROPENYL(THIO)METHYL) O,O-DIMETHYLPHOSPHORODITHIOATE see: TD5650000
alpha,beta-DICHLOROPROPIONALDEHYDE see: UE0875000
2,3-DICHLOROPROPIONALDEHYDE see: UE0875000
DICHLOROPROPIONANILIDE see: UE4900000
3,4-DICHLOROPROPIONANILIDE see: UE4900000
3',4'-DICHLOROPROPIONANILIDE see: UE4900000
alpha-DICHLOROPROPIONIC ACID see: UF0690000
alpha,alpha-DICHLOROPROPIONIC ACID see: UF0690000
2,2-DICHLOROPROPIONIC ACID see: UF0690000
2,2-DICHLOROPROPIONIC ACID (DOT) see: UF0690000
alpha-alpha-DICHLOROPROPIONIC ACID SODIUM SALT see: UF1225000
2,2-DICHLOROPROPIONIC ACID, SODIUM SALT see: UF1225000
2,2-DICHLOROPROPIONIC ACID, 2-(2,4,5-TRICHLOROPHENOXY)ETHYL ESTER see: UF1400000
DICHLOROPROPYLENE see: UC8280000
alpha,gamma-DICHLOROPROPYLENE see: UC8310000
2,3-DICHLOROPROPYLENE see: UC8400000 PROPENE, 2,3-DICHLORO-
cis-1,3-DICHLOROPROPYLENE see: UC8325000
trans-1,3-DICHLOROPROPYLENE see: UC8320000
1,2-DICHLOROPROPYLENE see: UC8300000
1,3-DICHLOROPROPYLENE see: UC8310000
1,3-DICHLOROPYRENE see: UR2451200
1,6-DICHLOROPYRENE see: UR2451300
1,8-DICHLOROPYRENE see: UR2451400
3,5-DICHLORO-2-PYRIDONE see: UV1146300
2-(2,4-DICHLOROPYRIMIDIN-6-YLAMINO)-6-METHYL-1H-PYRIDINIUM-3-THIOLATE see: UT8800000
4,5-DICHLOROPYROCATECHOL see: UX1510000
3,5-DICHLORO-beta-RESORCYLIC ACID see: VH3708800
5,6-DICHLORO-1-beta-D-RIBOFURANOSYLBENZIMIDAZOLE see: DD7310000
DICHLOROSAL see: DK9100000
DICHLOROSILANE see: VV3040000
DICHLOROSILANE (DOT) see: VV3040000
2,2'-DICHLORO-4,4'-STILBENAMINE see: WJ5150000
3,3'-DICHLORO-4,4'-STILBENEDIAMINE see: WJ5200000
DICHLOROSTYRENE see: WL4375000
2,4-DICHLORO-5-SULFAMOYLBENZOIC ACID see: DG8100000
3,4-DICHLORO-5-SULFAMYLBENZENESULFONAMIDE see: CZ9200000
DICHLOROSULFANE see: WS4500000
3,4-DICHLOROSULFOLANE see: XN0480000
2,4-DICHLORO-5-SULPHAMOYLBENZOIC ACID see: DG8100000
DICHLOROTETRAFLUOROETHANE see: KI1100000
sym-DICHLOROTETRAFLUOROETHANE see: KI1101000
1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE see: KI1101000
DICHLOROTETRAFLUOROETHANE (DOT) see: KI1100000
2,3-DICHLOROTETRAHYDROFURAN see: LU0525000
3,4-DICHLOROTETRAHYDROTHIOPHENE 1,1-DIOXIDE see: XN0480000
DICHLOROTETRAKIS(METHYLSULFOXIDE)RUTHENIUM see: VM2651450
DICHLOROTETRAKIS(3-PICOLINE)RHODIUM(1+) CHLORIDE see: VI9307000
trans-DICHLOROTETRAKIS(3-PICOLINE)RHODIUM CHLORIDE see: VI9308000
DICHLOROTETRAKIS(PYRIDINE)RHODIUM(1+) CHLORIDE see: VI9309000
trans-DICHLOROTETRAKIS(PYRIDINE)RHODIUM CHLORIDE see: VI9310000
(2,3-DICHLORO-4-(2-THENOYL)PHENOXY)ACETIC ACID see: AG9300000
2,6-DICHLORO-9-THIABICYCLO(3.3.1)NONANE see: XI1225000
(2,3-DICHLORO-4-(2-THIENYLCARBONYL)PHENOXY)ACETIC ACID see: AG9300000 ACETIC ACID, (2,3-DICHLORO-4-(2-THIENYLCARBONYL)PHENOXY)-
2,6-DICHLOROTHIOBENZAMIDE see: CV3850000
DICHLOROTHIOCARBONYL see: XN2450000
DICHLOROTHIOLANE DIOXIDE see: XN0480000
(2,3-DICHLORO-4-(2-THIOPHENECARBONYL)PHENOXY)ACETIC ACID see: AG9300000 ACETIC ACID, (2,3-DICHLORO-4-(2-THIENYLCARBONYL)PHENOXY)-
2,5-DICHLORO-3-THIOPHENESULFONAMIDE see: XN0297000
DICHLOROTITANOCENE see: XR2050000
alpha,alpha-DICHLOROTOLUENE see: CZ5075000
N-(2,6-DICHLORO-m-TOLYL)ANTHRANILIC ACID see: CB2900000
N-(2,6-DICHLORO-m-TOLYL)ANTHRANILIC ACID ETHOXYMETHYL ESTER see: CB2975100
O-(2,6-DICHLORO-p-TOLYL) O,O-DIMETHYL ESTER of PHOSPHOROTHIOIC ACID see: TF0460000
DICHLORO-S-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE POTASSIUM DERIV see: XZ1850000
1,3-DICHLORO-s-TRIAZINE-2,4,6(1H,3H,5H)TRIONE POTASSIUM SALT see: XZ1850000
4,4'-DICHLORO-alpha-(TRICHLOROMETHYL)BENZHYDROL see: DC8400000
2,4-DICHLORO-6-(3,4,5-TRICHLORO-2-PYRROLYL)PHENOL see: SL0537000
cis-DICHLORO(TRIETHYLENETETRAMINE)RHODIUM(1+) CHLORIDE see: VI9313000
5,6-DICHLORO-2-TRIFLUOROMETHYLBENZIMAZOLE-1-CARBOXYLATE see: DD6650000
1,3-DICHLORO-6-TRIFLUOROMETHYL-9-(3-(DIBUTYLAMINO)-1-HYDROXYPROPYL)PHENANTHRENE HCl see: SF7790000
1-(1,3-DICHLORO-6-TRIFLUOROMETHYL-9-PHENANTHRYL)-3-(DI-n-BUTYLAMINO)PROPANOL HYDROCHLORIDE see: SF7790000
1,11-DICHLORO-3,6,9-TRIOXAUNDECANE see: KN0525000
DICHLOROTRIPHENYLANTIMONY see: CC5095000
DICHLOROTRIPHENYLSTIBINE see: CC5095000
DICHLOROVAS see: TC0350000
(2,2-DICHLORO-VINIL)DIMETIL-FOSFATO (Italian) see: TC0350000
S-DICHLOROVINYL-L-CYSTEINE see: AY5075000
2,2-DICHLOROVINYL DIMETHYL PHOSPHATE see: TC0350000
2,2-DICHLOROVINYL DIMETHYL PHOSPHORIC ACID ESTER see: TC0350000
2,2-DICHLOROVINYL METHYL PHENYL ESTER of PHOSPHORIC ACID see: TB9700000
DICHLOROVOS see: TC0350000
alpha,alpha'-DICHLOROXYLENE see: ZE4055000 XYLENE, alpha,alpha'-DICHLORO-
DICHLOROXYLYLENE see: ZE4055000 XYLENE, alpha,alpha'-DICHLORO-
DICHLORPHEN see: SM0175000
DICHLORPHENAMIDE see: CZ9200000
2,4-DICHLORPHENOXYACETIC ACID see: AG6825000
2-(1-(2,6-DICHLORPHENOXY)ATHYL)-2-IMIDAZOLIN-HYDROCHLORID (German) see: NJ2570000
(2,4-DICHLOR-PHENOXY)-ESSIGSAEURE (German) see: AG6825000
2-(2,4-DICHLOR-PHENOXY)-PROPIONSAEURE (German) see: UF1050000
(+)-2-(2,4-DICHLORPHENOXY)PROPIONSAEURE (German) see: UF1100000
(3,4-DICHLOR-PHENYL-AZO)-THIOHARNSTOFF (German) see: XX9625000
3-(3,4-DICHLORPHENYL)-1-n-BUTYL-HARNSTOFF (German) see: YS3810000
2,4-DICHLORPHENYL CELLOSOLVE see: KK4375000
3-(3,4-DICHLOR-PHENYL)-1,1-DIMETHYL-HARNSTOFF (German) see: YS8925000
3-(3,4-DICHLOR-PHENYL)-1-METHOXY-1-METHYL-HARNSTOFF (German) see: YS9100000
3-(3,5-DICHLORPHENYL)-5-METHYL-5-VINYL-1,3-OXAZOLIDIN-2,4-DION (German) see: RP8530000
S-(3,4-DICHLOR-PHENYL-TMOCARBAMOYL)-THIOGLYKOLSAEURE (German) see: FD8692000
DICHLORPHOS see: TC0350000
DICHLORPROP see: UF1050000
DICHLORPROPAN see: TX9350000
DICHLOR-STAPENOR see: XH8925000
DICHLOR-s-TRIAZIN-2,4,6(1H,3H,5H)TRIONE POTASSIUM see: XZ1850000
DICHLORURE de TRIMETHYLAMMONIUM-1 (beta-N-METHYLINDOYL-3'') ETHYL-4' PYRIDINIUM)-3 PROPANE see: UU6201000
(2,2-DICHLOR-VINYL)-DIMETHYL-PHOSPHAT (German) see: TC0350000
O-(2,2-DICHLORVINYL)-O,O-DIMETHYLPHOSPHAT (German) see: TC0350000
DICHLORVOS see: TC0350000
DICHLORVOS (DOT) see: TC0350000
DICHLOSALE see: VN8400000
DICHLOTIAZID see: DK9100000
DICHLOTRIDE see: DK9100000
DICHLOZOLINATE see: RP7190000
DICHLOZOLINE see: RP8480000
DICHOLINE FLUOROPHOSPHATE see: GA4050000

HX7570000 DICHROA FEBRIFUGA Lour., extract excluding roots
DEF: Indian plant belonging to the family SAXIFRAGACEAE. (JEBA6 7 250 69)
UPDT:8302
SYN: BASAK EXTRACT

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

DICHROIN see: VA3450000
beta-DICHROINE see: VA3450000
DICHROMATE see: GA9120000 CHROMATE (Cr2-O7(sup 2-))
DICHROMATE (Cr2-O7(sup 2-)) see: GA9120000 CHROMATE (Cr2-O7(sup 2-))
DICHROMATE ION see: GA9120000 CHROMATE (Cr2-O7(sup 2-))
DICHROMATE ION (Cr2-O7(sup 2-)) see: GA9120000 CHROMATE (Cr2-O7(sup 2-))
DICHROMATE ION (2-) see: GA9120000 CHROMATE (Cr2-O7(sup 2-))

HX7650000 DICHROMIC ACID, DIAMMONIUM SALT

UPDT:8308 CAS: 7789-09-5 MW: 252.10 MOLFM: Cr2-H8-N2-O7

SYN: AMMONIO (BICROMATO DI) (Italian) * AMMONIO (DICROMATO DI) (Italian) * AMMONIUMBICHROMAAT (Dutch) * AMMONIUMDICHROMAT (German) * AMMONIUM BICHROMATE * AMMONIUM BICHROMATE (DOT) * AMMONIUMDICHROMAAT (Dutch) * AMMONIUM DICHROMATE * AMMONIUM DICHROMATE (DOT) * AMMONIUM (DICHROMATE D') (French) * AMMONIUM DICHROMATE (VI) * BICHROMATE D'AMMONIUM (French) * UN 1439 (DOT)

MUTATION DATA AND REFERENCES:
- dnr-sat 50 mmol/L TOLED5 7,439,81
- dnr-bcs 50 mmol/L TOLED5 7,439,81

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cr,22,74
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HX7680000 DICHROMIC ACID, DIPOTASSIUM SALT

UPDT:8412 CAS: 7778-50-9 MW: 294.20 MOLFM: Cr2-K2-O7

SYN: BICHROMATE of POTASH * CHROMIC ACID, DIPOTASSIUM SALT * DIPOTASSIUM DICHROMATE * IOPEZITE * KALIUMDICHROMAT (German) * NA 1479 (DOT) * POTASSIUM BICHROMATE * POTASSIUM DICHROMATE * POTASSIUM DICHROMATE (DOT) * POTASSIUM DICHROMATE (VI)

MUTATION DATA AND REFERENCES:
- mmo-sat 10 ug/plate CRNGDP 3,1331,82
- mma-sat 40 ug/plate CRNGDP 3,1331,82
- dnr-sat 50 mmol/L TOLED5 7,439,81
- mmo-esc 1600 umol/L MUREAV 58,175,78
- dnd-esc 250 gm/L DANKAS 268,720,83
- dnr-bcs 1050 ug/L WATRAG 14,1613,80
- mrc-bcs 16 mmol/L MUREAV 58,175,78
- mmo-smc 100 mmol/L MUREAV 117,149,83
- mrc-smc 100 mmol/L MUREAV 117,149,83
- cyt-smc 1 mg/L MUREAV 67,231,79
- sce-smc 300 ug/L/39H MUREAV 67,231,79
- mnt-hmn:lym 300 ug/L MUREAV 97,192,82
- dns-hmn:fbr 100 umol/L MUREAV 117,279,83
- dni-hmn:hla 100 mmol/L MUREAV 93,447,82
- oms-hmn:fbr 150 ug/L DCTODJ 4,185,81
- oms-hmn:lym 3 mg/L MUREAV 97,192,82
- oms-hmn:oth 500 mg/L BJCAAI 44,219,81
- oms-hmn:oth 100 umol/L/1H CARYAB 30,469,77
- cyt-hmn:leu 500 nmol/L MUREAV 58,175,78
- cyt-hmn:lym 300 ug/L MUREAV 97,192,82
- cyt-hmn:oth 500 mg/L BJCAAI 44,219,81
- cyt-hmn:fbr 150 ug/L DCTODJ 4,185,81
- sce-hmn:lym 300 ug/L MUREAV 97,192,82
- sce-hmn:fbr 100 nmol/L DCTODJ 4,185,81
- cyt-rat-ipr 5 mg/kg ZDKAA8 38(8),48,78
- mnt-mus-ipr 50 mg/kg CRSBAW 174,889,80
- dnd-mus:leu 200 umol/L CBINAB 36,345,81
- dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
- cyt-mus:mmr 1 umol/L/48H MUREAV 67,221,79
- sce-mus:lym 1 umol/L CRNGDP 4,33,83
- sce-mus:emb 1 umol/L TJADAB 27,109,83
- sce-mus:oth 1 umol/L TJADAB 27,109,83
- dlt-mus-ipr 20 mg/kg MUREAV 103,345,82
- dlt-mus-unk 20 mg/kg MUREAV 97,180,82
- msc-mus:lym 1 mg/L JTEHD6 9,367,82
- otr-ham:kdy 25 ug/L TXCYAC 19,55,81
- dnd-ham:kdy 10 mg/L TXCYAC 17,219,80
- dnd-ham:ovr 10 mmol/L MUREAV 119,195,83
- dnd-ham:lng 10 umol/L MUREAV 117,279,83
- dni-ham:kdy 1 mg/L TXCYAC 17,219,80
- dni-ham:fbr 100 umol/L DCTODJ 4,185,81
- oms-ham:kdy 10 mg/L BJCAAI 44,219,81
- cyt-ham:lng 500 ug/L MUREAV 67,55,79
- cyt-ham:emb 100 ug/L/24H MUREAV 46,87,77
- cyt-ham:ovr 250 ug/L TXCYAC 17,219,80
- sce-ham:ovr 10 nmol/L JTEHD6 11,227,83
- sce-ham:fbr 800 ug/L MUREAV 104,141,82
- sce-ham:lng 16 mg/L CBINAB 42,45,82
- msc-ham:lng 100 ug/L MUREAV 122,361,83
- msc-ham:ovr 7 umol/L MUREAV 117,279,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
- 1T35 - ipr-mus TDLo:20 mg/kg (1D male) MUREAV 103,345,82
- 1T69 unk-mus TDLo:700 mg/kg (35W male) MUREAV 97,180,82

TOXICITY DATA AND REFERENCES:
- orl-chd LDLo:26 mg/kg ZEKIA5 81,417,58
* ipr-mus LD50:37 mg/kg CRNGDP 4,1535,83
- scu-mus LDLo:100 mg/kg EQSSDX 1,1,75
- orl-dog LDLo:2829 mg/kg EQSSDX 1,1,75
- scu-mky LDLo:40 mg/kg AJPAA4 9,133,33
- scu-rbt LDLo:10 mg/kg PSEBAA 9,13,11
- ivn-rbt LDLo:28 mg/kg EQSSDX 1,1,75
- orl-gpg LDLo:163 mg/kg ZEKIA5 81,417,58
- scu-gpg LDLo:29 mg/kg EQSSDX 1,1,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Cr,22,74
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 23,205,80
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,205,80
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HX7700000 DICHROMIC ACID, DISODIUM SALT

UPDT:8412 CAS: 10588-01-9 MW: 261.98 MOLFM: Cr2-O7 2Na

SYN: BICHROMATE DE SODIUM (French) * BICHROMATE of SODA * CHROMIC ACID, DISODIUM SALT * CHROMIUM SODIUM OXIDE * DISODIUM DICHROMATE * NA 1479 (DOT) * NATRIUMBICHROMAAT (Dutch) * NATRIUMDICHROMAAT (Dutch) * NATRIUMDICHROMAT (German) * SODIO (DICROMATO DI) (Italian) * SODIUM BICHROMATE * SODIUM CHROMATE * SODIUM DICHROMATE(VI) * SODIUM DICHROMATE * SODIUM(DICHROMATE DE) (French) * SODIUM DICHROMATE (DOT)

MUTATION DATA AND REFERENCES:
- mmo-sat 80 ug/plate MUREAV 54,139,78
- mma-sat 30 ug/plate PCBRD2 109,453,82
- dnr-bcs 50 mmol/L TOLED5 7,439,81
- dnr-esc 200 nmol/plate JTEHD6 9,287,82
- dnr-bcs 50 mmol/L TOLED5 7,439,81
- cyt-smc 1 mg/L MUREAV 67,231,79
- sce-smc 300 ug/L/39H MUREAV 67,231,79
- cyt-hmn:lym 2 umol/L CARYAB 33,239,80
- dnd-rat-ipr 20 mg/kg JBCHA3 256,3623,81
- dnd-rat:lvr 3 mmol/L SinJF# 26OCT82
- cyt-ham:ovr 250 ug/L TXCYAC 17,219,80
- sce-ham:ovr 250 ug/L TXCYAC 17,219,80
- sce-ham:lng 35 ug/L CRNGDP 4,605,83

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipl-rat TDLo:160 mg/kg/69W-I AEHLAU 5,445,62

TOXICITY DATA AND REFERENCES:
- orl-rat LD50:50 mg/kg GTPZAB 22(8),38,78
* scu-rat LDLo:80 mg/kg TOXID9 4,75,84
- ivn-mus LDLo:26 mg/kg EQSSDX 1,1,75
- ivn-rbt LDLo:18 mg/kg EQSSDX 1,1,75
* skn-gpg LDLo:335 mg/kg AEHLAU 11,201,65
* ipr-gpg LDLo:335 mg/kg AEHLAU 11,201,65
- scu-gpg LDLo:23 mg/kg HBAMAK 4,1330,35
* ivn-frg LDLo:196 mg/kg AIPTAK 62,330,39

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71; 85DHAX Cr,22,74
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 23,205,80
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 2,100,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,205,80
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 100 ug/(CrO3)/m3 (SCP-O) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1182-0463
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HX7750000 DICHROMIC ACID (H2Cr2O7), DISODIUM SALT, DIHYDRATE

UPDT:8306 CAS: 7789-12-0 MW: 298.02 MOLFM: Cr2-Na2-O7 2H2-O

SYN: CHROMIC ACID (H2Cr2O7), DISODIUM SALT, DIHYDRATE (9CI) * SODIUM DICHROMATE DIHYDRATE

MUTATION DATA AND REFERENCES:
- mma-sat 50 nmol/plate CRNGDP 2,283,81
- mma-sat 10 ug/plate AEMIDF 33,805,77

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M NTIS**

STATUS:
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0578-0151

HX7755000 DICHROMIC ACID, ZINC SALT (1:1)

UPDT:8307 CAS: 14018-95-2 MW: 283.39 MOLFM: Cr2-H2-O7-Zn

SYN: ZINC BICHROMATE * ZINC CHROMATE * ZINC CHROMIUM OXIDE * ZINC DICHROMATE * ZINC DICHROMATE (VI)

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,445,80
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,445,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL TO CHROMIUM(VI) recm std-air:CL 1 ug (Cr(VI))/m3 NTIS**

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976
REPORTED IN EPA TSCA INVENTORY, 1983

DICHROMIUM SULFATE see: GB7200000
DICHROMIUM SULPHATE see: GB7200000
DICHROMIUM TRIOXIDE see: GB6475000
DICHROMIUM TRISULFATE see: GB7200000
DICHROMIUM TRISULPHATE see: GB7200000
DICHRONIC see: AG6330000

HX7792000 DICHROSTACHYS CINERIA Wight & Arn., extract excluding roots

DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8302
SYN: LAPKANA EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

DI(2-CIANOETIL)AMMINA (Italian) see: UG2975000
DI(2-CIANOETIL)METILAMMINA (Italian) see: UG3675000
DICK (German) see: CH3500000

HX7802000 DICKSON COLOR 4C

DEF:Commercial hairdye product from Milan, Italy (FCTOD7 20,171,82)
UPDT:8308

MUTATION DATA AND REFERENCES:
- mma-sat 12500 ug/plate FCTOD7 20,171,82

HX7802010 DICKSON COLOR 6C

DEF:Commercial hairdye product from Milan, Italy (FCTOD7 20,171,82)
UPDT:8308

MUTATION DATA AND REFERENCES:
- mma-sat 25 mg/plate FCTOD7 20,171,82

HX7802020 DICKSON COLOR 8C

DEF:Commercial hairdye product from Milan, Italy (FCTOD7 20,171,82)
UPDT:8308

BEST COPY AVAILABLE

MUTATION DATA AND REFERENCES:
mma-sat 25 mg/plate FCTOD7 20,171,82

DICLOBUTRAZOL see: XZ4804000
DICLOCIL see: XH8925000
DICLOFENAC see: AG6310000
DICLOFENAC ACID see: AG6310000
DICLOFENAC SODIUM see: AG6330000
DICLOFOP-METHYL see: UF1180000
N,N-DICLOHEXYLAMINE see: HY4025000
DICLONDAZOLIC ACID see: NK7886000
DICLONIA see: UG8750000
DICLOPHENAC SODIUM see: AG6330000
DICLORALUREA see: YS2787000
DICLORAN see: BX2975000
p-DICLOROBENZENE (Italian) see: CZ4550000
1,4-DICLOROBENZENE (Italian) see: CZ4550000
1,1-DICLORO-2,2-BIS(4-CLORO-FENIL)-ETANO (Italian) see: KI0700000
1,1-DICLOROETANO (Italian) see: KI0175000
1,2-DICLOROETANO (Italian) see: KI0525000
2,2'-DICLOROETILETERE (Italian) see: KN0875000
(3,4-DICLORO-FENIL-AZO)-TIOUREA (Italian) see: XX9625000
3-(3,4-DICLORO-FENYL)-1,1-DIMETIL-UREA (Italian) see: YS8925000
1,1-DICLORO-1-NITROETANO (Italian) see: KI1050000
DICLOTRIDE see: DK9100000
DICLOXACILLIN, SODIUM see: XH8925000
DICLOXACILLIN SODIUM SALT see: XH8925000
5,7-DICHLORO-8-QUINOLINOL ACETATE (ester) see: VC5400000
5,7-DICHLORO-8-QUINOLINOL BENZOATE (ester) see: VC5403000
DICO see: GD2800000
DICOBALT CARBONYL see: GG0300000
DICOBALT OCTACARBONYL see: GG0300000
DICOBALT OXIDE see: GG2900000
DICOBALT TRIOXIDE see: GG2900000
DICODID see: QD2800000
DICOFERIN see: DH2528300
DICOFOL see: DC8400000

HX8760000 DICOGLYPREMMA COLONEURA Pr., trunk bark extract
DEF-African plant belonging to the family EUPHORBIACEAE (TOERD9 1,329,78)
UPDT:8306
TOXICITY DATA AND REFERENCES:
3J16J22K30 ipr-mus LDLo:10 gm/kg TOERD9 1,329,78

DICOL see: ID5950000
DICONIRT see: AG8925000
DICONIRT D see: AG8925000
DICOPHANE see: KJ3325000
DICOPPER DIHYDROXYCARBONATE see: GL6910000
DICOPPER MONOXIDE see: GL8050000
DICOPUR see: AG6825000
DICOPUR-M see: AG1575000
DICORANTIL see: UR8432000
DICOREL BROWN LMR see: GL7375000
DICORTOL see: TU4152000
DICORVIN see: WJ5600000
DICOTEX see: AG2625000
DICOTEX see: AG1575000
DICOTEX 80 see: AG2625000
DICOTOX see: AG6825000
DICOUMARIN see: GN7875000
DICOUMAROL see: GN7875000
DICRANOPTERIS LINEARIS Underw., extract see: LZ2838700
DICRESYL see: FC8050000
DICRESYL ETHER of METHYLCARBAMIC ACID see: FC4755000
DICRODEN see: TM1925000
DICROTALIC ACID see: MA3753000
DICROTOFOS (Dutch) see: TC3850000
DICROTOPHOS see: TC3850000
DICRYL see: AS4025000
DICUMACYL see: AF5775000
DICUMAN see: GN7875000
DICUMAOL R see: GN7875000
DICUMARINE see: GN7875000
DICUMAROL see: GN7875000
DICUMENE CHROMIUM see: GB5800000
DICUMOL see: GN7875000
DICUMYLMETHANE see: PA8440000
DICUMYL PEROXIDE see: SD8150000
DI-alpha-CUMYL PEROXIDE see: SD8150000
DICUMYL PEROXIDE (DOT) see: SD8150000
DICUMYL PEROXIDE, 50% solution (DOT) see: SD8170000
DICUMYL PEROXIDE, technical pure or with inert solid (DOT) see: SD8150000
DI-CUP see: SD8150000
DICUPRAL see: JO1225000
DICURONE see: LZ8930000
DICYAN see: GT1925000
DICYANOACETYLENE see: AO9860000 ACETYLENEDICARBONITRILE
2,2'-DICYANO-2,2'-AZOPROPANE see: UG0800000
m-DICYANOBENZENE see: CZ1900000
o-DICYANOBENZENE see: TI8575000
p-DICYANOBENZENE see: CZ1925000
1,2-DICYANOBENZENE see: TI8575000
1,3-DICYANOBENZENE see: CZ1900000
1,4-DICYANOBENZENE see: CZ1925000
1,4-DICYANOBUTANE see: AV2625000
beta,beta-DICYANO-a-CHLOROSTYRENE see: OO3675000
beta,beta'-DICYANODIETHYL ETHER see: UG4200000
beta,beta'-DICYANODIETHYL SULFIDE see: UG4375000
2,3-DICYANO-1,4-DITHIA-ANTHRAQUINONE see: QL0700000
s-DICYANOETHANE see: WN3850000
DI-(2-CYANOETHYL)AMINE see: UG2975000
DI(2-CYANOETHYL)SULFIDE see: UG4375000
DICYANOETHYNE see: AO9860000 ACETYLENEDICARBONITRILE
DICYANOGEN see: GT1925000
DICYANOMETHANE see: OO3150000
3-DICYANOMETHYL-5,7-DIMETHYL-5,6,7,8-TETRAHYDROPYRIMIDO(4,5-e)(1,2,4)TRIAZINE-6,8-DIONE see: OO3746700
1,3-DICYANOPROPANE see: YI3500000
1,3-DICYANOTETRACHLOROBENZENE see: NT2600000
DICYCLOHEXYLACETIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE see: AG9405000

HY4025000 DICYCLOHEXYLAMINE
UPDT:8401 CAS: 101-83-7 MW: 181.36 MOLFM: C12-H23-N
SYN: N-CYCLOHEXYLCYCLOHEXANAMINE * DCHA * N,N-DICLOHEXYLAMINE * DICYCLOHEXYLAMINE (DOT) * DICYKLOHEXYLAMIN (Czech) * DODECAHYDRODIPHENYLAMINE * UN 2565 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,68,72
eye-rbt 750 ug/24H SEV 28ZPAK -,68,72
MUTATION DATA AND REFERENCES:
cyt-hmn:leu 200 ug/L INHEAO 9,188,71
TUMORIGENIC DATA AND REFERENCES:
3V03K60L60 orl-rat TDLo:40 gm/kg/52W-I VOONAW 4,659,58
2V03V10 scu-mus TDLo:2404 mg/kg/48W-I VOONAW 4,659,58
TOXICITY DATA AND REFERENCES:
orl-rat LD50:373 mg/kg 28ZPAK -,68,72
scu-mus LD50:135 mg/kg VOONAW 4,659,58
scu-rbt LDLo:500 mg/kg IECHAD 29,1247,37
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 28,55,80
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DICYCLOHEXYLAMINE (DOT) see: HY4025000

HY4195000 DICYCLOHEXYLAMINE, NITRATE
UPDT:8312 CAS: 3882-06-2 MW: 244.38 MOLFM: C12-H23-N .H-N-O3
SYN: CYCLOHEXANAMINE, N-CYCLOHEXYL-, NITRATE (9CI) * DICYCLOHEXYLAMMONIUM NITRATE * DICYCLOHEXYLAMMONIUM NITRATE (DOT) * UN 2687 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:225 mg/kg NIIRDN 6,317,82
* ivn-mus LD50:82 mg/kg NIIRDN 6,317,82
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

HY4200000 DICYCLOHEXYLAMINE, NITRITE
UPDT:8406 CAS: 3129-91-7 MW: 228.38 MOLFM: C12-H23-N .H-N-O2
SYN: DECHAN * DICHAN (Czech) * DICYCLOHEXYLAMINONITRITE * DICYCLOHEXYLAMMONIUM NITRITE * DICYKLOHEXYLAMIN NITRIT (Czech) * DICYNIT (Czech) * DODECAHYDROPHENYLAMINE NITRITE * DUSITAN DICYKLOHEXYLAMINU (Czech)
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2400 mg/kg/48W-I VOONAW 4,659,58
2V03V10 scu-mus TDLo:2040 mg/kg/52W-I VOONAW 4,659,58
TOXICITY DATA AND REFERENCES:
orl-rat LD50:284 mg/kg 28ZPAK -,68,72
orl-mus LD50:205 mg/kg UCPHAQ 2,231,49
scu-mus LD50:155 mg/kg VOONAW 4,659,58
orl-gpg LD50:350 mg/kg UCPHAQ 2,231,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HY4375000 DICYCLOHEXYLAMINE, PENTANOATE
UPDT:8406 CAS: 63915-52-6 MW: 283.51 MOLFM: C12-H23-N .C5-H10-O2
SYN: DICYKLOHEXYLAMINKAPRONAT (Czech) * KAPRONAN DICYKLOHEXYLAMINU (Czech)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,68,72
eye-rbt 250 ug/24H SEV 28ZPAK -,68,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3290 mg/kg 28ZPAK -,68,72

DICYCLOHEXYLAMINE SULPHATE see: WO5966900
DICYCLOHEXYLAMMONIUM NITRATE (DOT) see: HY4195000
DICYCLOHEXYLAMINONITRITE see: HY4200000
cis-DICYCLOHEXYLAMMINEDICHLOROPLATINUM (II) see: TP2200000
DICYCLOHEXYLAMMONIUM NITRATE see: HY4195000
DICYCLOHEXYLAMMONIUM NITRITE see: HY4200000
DICYCLOHEXYLCARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: EZ4215400
2-(2,2-DICYCLOHEXYLETHYL)PIPERIDINE MALEATE see: TM7068000
(6-(3-(DICYCLOHEXYLMETHYL)-D-ALANINE))-LHRH see: OK6457000
(6-(3-(DICYCLOHEXYLMETHYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6457000
1,3-DICYCLOHEXYL-5-(3-OXOBUTYL)BARBITURIC ACID see: CQ3486000 BARBITURIC ACID, 1,3-DICYCLOHEXYL-5-(3-OXOBUTYL)-
1,3-DICYCLOHEXYL-5-(3-OXOBUTYL)PERHYDROPYRIMIDINE-2,4,6-TRIONE see: CQ3486000 BARBITURICACID, 1,3-DICYCLOHEXYL-5-(3-OXOBUTYL)-
DICYCLOHEXYL PEROXIDE CARBONATE see: SD9678000
DICYCLOHEXYL PEROXYDICARBONATE (DOT) see: SD9678000
DICYCLOHEXYL PEROXYDICARBONATE, not more than 91% with water (DOT) see: SD9678200
DICYCLOHEXYL THIOUREA see: YS9300000
N,N'-DICYCLOHEXYLTHIOUREA see: YS9300000
DICYCLOHEXYLTIN OXIDE see: WH7262000
DICYCLOPENTADIENE see: PC1050000
DICYCLOPENTADIENE (DOT) see: PC1050000
DICYCLOPENTADIENE, 3,4,5,6,7,8,8a-HEPTACHLORO- see: PC0700000
DICYCLOPENTADIENYL ACRYLATE see: AT4755000
DICYCLOPENTADIENYLCOBALT see: GG0350000
DICYCLOPENTADIENYLDICHLOROTITANIUM see: XR2050000
DI-2,4-CYCLOPENTADIEN-1-YLIRON see: LK0700000
DI-pi-CYCLOPENTADIENYLNICKEL see: QR6500000
DICYCLOPENTADIENYLTITANIUM DICHLORIDE see: XR2050000

HY5257700 DICYCLOPENTA(a,f)NAPHTHALENE-2-beta,7-beta-DIOL, HEXADECAHYDRO-2-alpha,7-alpha-DIETHYNYL- 8a,10a-DIMETHYL-
UPDT:8302 MW: 326.52 MOLFM: C22-H30-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:5 mg/kg (1D preg) STEDAM 4,657,64
1T26 orl-rat TDLo:2500 ug/kg (1D preg) STEDAM 4,657,64
2T22T26 par-rat TDLo:2500 ug/kg (1D preg) STEDAM 4,657,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DICYCLOPENTYLACETIC ACID beta-DIETHYLAMINOETHYL ESTER ETHOBROMIDE see: BR1210000
(2-(DICYCLOPENTYLACETOXY)ETHYL)TRIETHYLAMMONIUM BROMIDE see: BR1210000
2-((DICYCLOPENTYLACETYL)OXY)-N,N,N-TRIETHYL-ETHANAMINIUM BROMIDE (9CI) see: BR1210000
DICYCLOPENTENYL ACRYLATE see: AT4755000
cis-DICYCLOPENTYLAMMINEDICHLOROPLATINUM (II) see: TP2210000
DICYCLOPENTYL ISOPHTHALATE see: NT2470000
DICYCLOPENTYL PHTHALATE see: TI0890000
DICYCLOPENTYL TEREPHTHALATE see: WZ1222000
cis-DICYCLOPROPYLAMINIDICHLOROPLATINUM (II) see: TP2215000
2-((DICYCLOPROPYLMETHYL)IMINO)OXAZOLIDINE see: RP7207400
DICYKLOHEXYLAMIN (Czech) see: HY4025000
DICYKLOHEXYLAMINKAPRONAT (Czech) see: HY4375000
DICYKLOHEXYLAMIN NITRIT (Czech) see: HY4200000
DICYKLOPENTADIEN (Czech) see: PC1050000

BEST COPY AVAILABLE

DICYMENE see: DB6145000
DICYNIT (Czech) see: HY4200000
DICYNONE see: DB6145000
DICYSTEINE see: HA2690000
DID 47 see: SP6800000
DID 95 see: SP6780000
DIDAKENE see: KX3850000
DIDANDIN see: NK5600000
DIDAN-TDC-250 see: MU1050000
DIDECANOYL PEROXIDE see: HE0781500
DIDECANOYL PEROXIDE, technical pure (DOT) see: HE0781500
DIDECYL GLUTARATE see: MA3740800
DIDECYL PHTHALATE see: TI0900000
DI-n-DECYL PHTHALATE see: TI0900000
7,8-DIDEHYDROCHOLESTEROL see: FZ5650000
9,10-DIDEHYDRO-alpha-CYANO-6-METHYLERGOLINE-8-PROPIONAMIDE see: KE6345160
2',3'-DIDEHYDRO-2'-DEOXYVERRUCARIN A see: YX9822000
7,8-DIDEHYDRO-3-(2-(DIETHYLAMINO)ETHOXY)-4,5-alpha-EPOXY-17-METHYLMORPHINAN-6-alpha-OL see: QD0774000
9,10-DIDEHYDRO-N,N-DIETHYL-2-BROMO-6-METHYLERGOLINE-8-beta-CARBOXAMIDE see: KE2625000
9,10-DIDEHYDRO-N,N-DIETHYL-6-METHYL-ERGOLINE-8-beta-CARBOXAMIDE see: KE4100000
12,13-DIDEHYDRO-13,14-DIHYDRO-alpha-ERYTHROIDINE see: KF3050000
7,8-DIDEHYDRO-3-(2-(DIMETHYLAMINO)ETHOXY)-4,5-alpha-EPOXY-17-METHYLMORPHINAN-6-alpha-OL see: QD0780000
8,9-DIDEHYDRO-6,8-DIMETHYLERGOLINE see: KE6325000
2,3-DIDEHYDROEMETINE see: JY5095000
7,8-DIDEHYDRO-4,5-alpha-EPOXY-3,6-alpha-DIHYDROXY-17,17-DIMETHYLMORPHINANIUM BROMIDE see: QD0188900
7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-3-(2-MORPHOLINOETHYL)MORPHINAN-6-alpha-OL see: QD1575000
7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-3-(2-PIPERIDINOETHOXY)MORPHINAN-6-alpha-OL see: QD1595000
16,17-DIDEHYDRO-21-ETHYL-4-METHYL-7,20-CYCLOATIDANE-11-beta,15-beta-DIOL see: GT9330000
7,8-DIDEHYDRO-4-HYDROXY-3,7-DIMETHOXY-17-METHYL-9-alpha,13-alpha,14-alpha-MORPHINAN-6-ONE see: QD2170000
9,10-DIDEHYDRO-N-(alpha-(HYDROXYMETHYL)ETHYL)-6-METHYLERGOLINE-8-beta-CARBOXAMIDE see: KE5075000
9,10-DIDEHYDRO-N-(alpha-(HYDROXYMETHYL)PROPYL)-6-METHYL-ERGOLINE-8-beta-CARBOXAMIDE see: KE5425000
5,6-DIDEHYDROISOANDROSTERONE see: BV8396000
3-(9,10-DIDEHYDRO-6-METHYLERGOLIN-8-alpha-YL)-1,1-DIETHYLUREA MALEATE (1:1) see: YS9325000
3-(9,10-DIDEHYDRO-6-METHYLERGOLIN-8-YL)-1,1-DIETHYLUREA HYDROGEN MALEATE see: YS9325000
16,17-DIDEHYDRO-19-METHYLOXAYOHIMBAN-16-CARBOXYLIC ACID METHYL ESTER see: AX7875000
6α,7-DIDEHYDRO-7-METHYL-1,2,9,10-TETRAMETHOXYAPORPHINE HYDROCHLORIDE see: CE0270000
1,2-DIDEHYDROTESTOLOLACTONE see: VS2200000
N-DIDEMETHYLACLACINOMYCIN A see: QI9279120
O(sup 7),O(sup 7')-DIDEMETHYLCYCLEANINE see: GT8815000
DIDEMNIN B see: YP2834100 L-TYROSINE, N-(1-(N-(4-((3-HYDROXY-4-((N-(N-(1-(2-HYDROXY-1-OXOPROPYL)-L-PROLYL)-N-METHYL-L- LEUCYL)-L-THREONYL)AMINO)-6-METHYL-1-OXOHEPTYL)OXY)-2,5-DIMETHYL-1,3-DIOXOHEXYL)-L-LEUCYL)- L-PROLYL)-N,O-DIMETHYL-, phi-LACTONE
1,6-DIDEOXY-1,6-DI(2-CHLOROETHYLAMINO)-D-MANNITOL DIHYDROCHLORIDE see: OP2100000
1,6-DIDEOXY-1,6-DI(2-CHLOROETHYLAMINO)-D-MANNITOL DIHYDROCHLORIDE see: OP2275000
1,4-DIDEOXY-1,4-DIHYDRO-1,4-DIOXORIFAMYCIN see: KD1925000
DIDEOXYKANAMYCIN B see: WK1985000
3',4'-DIDEOXYKANAMYCIN B see: WK1985000

HY6117000 (3-beta-((2,6-DIDEOXY-beta-D-RIBOHEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-5-beta-CARD- 20(22)-ENOLIDE, DIHYDRATE
UPDT:8405 CAS: 13495-01-7 MW: 570.75 MOLFM: C29-H42-O9-2H2-O
SYN: ALLEOSIDE A DIHYDRATE * ERISIMIN DIHYDRATE * ERYSIMIN DIHYDRATE * HELVETICOSIDE DIHYDRATE

TOXICITY DATA AND REFERENCES:

	ivn-mky LDLo:103 ug/kg	ARZNAD 13,412,63
*	ivn-cat LDLo:104 ug/kg	ARZNAD 22,1854,72
	ivn-gpg LDLo:867 ug/kg	ARZNAD 13,412,63
	ivn-pgn LDLo:285 ug/kg	ARZNAD 13,412,63

2,4-DIDEUTERIOESTRADIOL see: KG6814500
DIDEUTERIUM OXIDE see: ZC0230000
4,4-DIDEUTERO-4-(METHYLNITROSAMINO)-1-(3-PYRIDYL)-1-BUTANONE see: EL9164000
4,4'-DI(DIETHYLAMINO)-4',6'-DISULPHOTRIPHENYLMETHANOL ANHYDRIDE, SODIUM SALT see: BP6830000
DIDIGAM see: KJ3325000
DIDIMAC see: KJ3325000
1,5-DI(3,4-DIMETHOXYPHENYL)-3,7-DIAZAADMANTAN-9-ONE see: HM0200000
3,6-DI(DIMETHYLAMINO)ACRIDINE see: AR7600000
N,N-DI(1,4-DIMETHYLPENTYL)-p-PHENYLENEDIAMINE see: SS8400000 p-PHENYLENEDIAMINE, N,N'-BIS(1,4-DIMETHYLPENTYL)-
1,5-DI(2,4-DIMETHYLPHENYL-3-METHYL-1,3,5-TRIAZAPENTA-1,4-DIENE see: ZF0480000
DIDOC see: AC8275000
DIDODECYL PHTHALATE see: TI0930000 PHTHALIC ACID, DIDODECYL ESTER
DI-n-DODECYL PHTHALATE see: TI0930000 PHTHALIC ACID, DIDODECYL ESTER
DIDODECYL TEREPHTHALATE see: WZ1223000
DIDODECYL 3,3'-THIODIPROPIONATE see: UF8000000
DIDRATE see: QD1680000
DIDREX see: SI1750000
DIDROXAN see: SM0175000
DIDROXANE see: SM0175000

HY8450000 DIDYMIUM NITRATE
UPDT:8312
SYN: DIDYMIUM NITRATE (DOT) * UN 1465 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO-OXIDIZER, LABEL:OXIDIZER CFRGBR 49,172.102,83

DIDYMIUM NITRATE (DOT) see: HY8450000
DIEDI see: AG6475000

HY8655000 DIEFFENBACHIA AMOENA Gentil, leaf or stem extract
UPDT:8408

TOXICITY DATA AND REFERENCES:

*	ipr-rat LDLo:30 gm/kg	JTEHD6 1,939,76

HY8657000 DIEFFENBACHIA BAUSEI Regel, leaf extract
UPDT:8408

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2857 mg/kg	JTEHD6 1,939,76

HY8675000 DIEFFENBACHIA PICTA Schott, leaf or extract
UPDT:8408

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:30 gm/kg	JTEHD6 1,939,76
*	orl-mus LD50:2857 mg/kg	JTEHD6 1,939,76

HY8680000 DIEFFENBACHIA SEGUINE Schott, leaf and stem extract
DEF:Jamaican plant belonging to the family ARACEAE (JPPMAB 14,556,62)
UPDT:8405

TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:40 gm/kg	JPPMAB 14,556,62

DIELDREX see: IO1750000
DIELDRIN see: IO1750000
DIELDRIN (DOT) see: IO1750000
DIELDRINE (French) see: IO1750000
DIELDRIN, PHOTO- see: PC8600000
DIELDRITE see: IO1750000
DIELTAMID see: XS3675000
DIEMAL see: CQ2500000
DIENESTROL see: SL0580000
alpha-DIENESTROL see: SL0582000
beta-DIENESTROL see: SL0562500
cis,cis-DIENESTROL see: SL0562500
DIENESTROL DIACETATE see: SL0590000
DIENOCHLOR see: DT8225000
DIENOESTROL see: SL0580000
beta-DIENOESTROL see: SL0580000
DIENOESTROL DIACETATE see: SL0590000
DIENOL see: SL0580000
DIENOL S see: WL6478000
DIENOMYCIN A see: NQ5430000
DIENOMYCIN B see: TN7760000
DIENOMYCIN C see: TN7750000
DIENPAX see: DF1575000
DIEPIN see: DE9070000

HY9033000 3,6:10,13-DIEPOXY-1,15,8-BENZODIOXATHIACYCLOHEPTADECIN-2,14(7H,9H)-DIONE
UPDT:8303 CAS: 71349-39-8 MW: 356.36 MOLFM: C18-H12-O6-S
SYN: 2-FUROIC ACID, 5,5-THIODIMETHYLENEDI-, CYCLIC ESTER with PYROCATECHOL

MUTATION DATA AND REFERENCES:

	mmo-esc 100 mmol/plate	BZARAZ 32,1146,79
	mmo-omi 100 mmol/plate	BZARAZ 32,1146,79

HY9035000 3,6:10,13-DIEPOXY-8,1,15-BENZOTHIADIAZACYCLOHEPTADECINE-2,14(7H,9H)-DIONE, 1,15-DIHYDRO-
UPDT:8304 CAS: 67364-55-0 MW: 421.82 MOLFM: C18-H14-N2-O4-S

MUTATION DATA AND REFERENCES:

	mmo-esc 100 mmol/plate	BZARAZ 32,1146,79

DIEPOXYBUTANE see: EJ8225000
(+-)-1,2:3,4-DIEPOXYBUTANE see: EJ8400000
D-DIEPOXYBUTANE see: XO8575080
dl-1,2:3,4-DIEPOXYBUTANE see: EJ8400000
D,L-DIEPOXYBUTANE see: EJ8400000
DL-1,2:3,4-DIEPOXYBUTANE see: EJ8400000
L-DIEPOXYBUTANE see: EJ8575000
L-1,2:3,4-DIEPOXYBUTANE see: EJ8575000
meso-DIEPOXYBUTANE see: EJ8750000
meso-1,2,3,4-DIEPOXYBUTANE see: EJ8750000
(R*,S*)-DIEPOXYBUTANE see: EJ8750000
2R:3R-DIEPOXYBUTANE see: XO8575080
(2S,3S)-DIEPOXYBUTANE see: EJ8575000
(2S,3S)-1,2:3,4-DIEPOXYBUTANE see: EJ8575000
2,4-DIEPOXYBUTANE see: EJ8225000
1,2:3,4-DIEPOXYBUTANE see: EJ8225000
trans-1,2,3,4-DIEPOXYCYCLOHEXANE see: JH5029900
1,2,9,10-DIEPOXYDECANE see: HD7800000

HY9700000 7,10:14,17-DIEPOXY-5H,13H-DIBENZO(k,b(sub 1))(1,4,7,10,20,13,27)TETRAOXATHIADIAZA CYCLONONACOSINE-6,18(11H,19H)-DIONE, 25,26,28,29,31,32-HEXAHYDRO-
UPDT:8303 CAS: 73824-83-6 MW: 578.68 MOLFM: C30-H30-N2-O8-S

MUTATION DATA AND REFERENCES:

	mmo-esc 100 mmol/plate	BZARAZ 32,1146,79

DIEPOXYDIHYDROMYRCENE see: RG5300000
2,5-DI(1,2-EPOXYETHYL)TETRAHYDRO-2H-PYRAN see: UQ1400000
1,2,6,7-DIEPOXYHEPTANE see: MI8900000
1,2:5,6-DIEPOXYHEXANE see: MO1575000
1,2,8,9-DIEPOXYLIMONENE see: OS9100000
1,2,3,4-DIEPOXY-2-METHYLBUTANE see: EJ8800000
1,2:8,9-DIEPOXYNONANE see: RA6475000
9,10:12,13-DIEPOXYOCTADECANOIC ACID see: RG1225000
1,2,7,8-DIEPOXYOCTANE see: RG9450000
1,2,4,5-DIEPOXYPENTANE see: SA0370000
1,1'-DI(2,3-EPOXYPROPYL)-4,4'-BIPIPERIDINE see: DW0900000
DI(2,3-EPOXY)PROPYL ETHER see: KN2350000
2,6-DI(2,3-EPOXYPROPYL)PHENYL 2,3-EPOXYPROPYL see: KN3150000
9,10:12,13-DIEPOXYSTEARIC ACID see: RG1225000
1,2:15,16-DIEPOXY-4,7,10,13-TETRAOXAHEXADECANE see: XF0700000

HZ1758000 DIESEL EXHAUST EXTRACT
DEF:DICHLOROMETHANE extract of diesel particles absorbed onto carbon black (DTESD7 10,265,82)
UPDT:8309

MUTATION DATA AND REFERENCES:

	sce-mus-unk 800 mg/kg	DTESD7 10,265,82
	sce-ham-ihl 12 mg/m3/14W	DTESD7 10,265,82
	sce-ham-itr 13300 ug/kg	DTESD7 10,265,82

HZ1760000 DIESEL EXHAUST PARTICLES
DEF:Particulate samples collected from the exhaust of a 1979 2.3 L diesel powered automobile running on No. 2 diesel fuel (TXAPA9 56,110,80)
UPDT:8405

MUTATION DATA AND REFERENCES:

	mmo-sat 200 ug/plate	TXAPA9 56,110,80
	mma-sat 200 ug/plate	TXAPA9 56,110,80
	oms-bcs 100 mg/L	ENMUDM 2,239,80
	oms-bcs 60 mg/L	ENMUDM 3,253,81
	pic-bcs 60 mg/L	ENMUDM 3,253,81
	msc-hmn:lym 100 mg/L	DTESD7 10,277,82
	sce-mus-unk 300 mg/kg	DTESD7 10,265,82
	dns-ham:oth 1 mg/L	EVSRBT 27,277,83
	oms-ham-ipr 320 mg/kg	ENMUDM 4,215,82
	sce-ham-ipr 320 mg/kg	ENMUDM 4,215,82
	sce-ham-ihl 12 mg/m3/14W	DTESD7 10,265,82
	sce-ham-itr 130 mg/kg	DTESD7 10,265,82

TUMORIGENIC DATA AND REFERENCES:

3V03J60R60	ihl-rat TCLo:8300 ug/m3/6H/86W-I	AIHAAP 42,382,81

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HZ1765000 DIESEL FUEL, ALIPHATIC-NITRO fraction
UPDT:8303

MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate — ENMUDM 3,211,81

HZ1765500 DIESEL FUEL, AROMATIC-NITRO fraction
UPDT:8303

MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate — ENMUDM 3,211,81

HZ1770000 DIESEL FUEL MARINE
UPDT:8412
SYN: DFM * NCI-C54795

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

DIESTER METHYLIQUE de l'ACIDE N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-ASPARTIQUE (French) see: CI9190000
DIESTER METHYLIQUE de l'ACIDE N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-GLUTAMIQUE (French) see: MA0957000
DI-ESTRYL see: WJ5600000
DIETADIONE (Italian) see: RP6300000
DIETAMINE see: SI0875000
DIETAMINE see: SI1750000
DIETAMIPHYLLINE METHYLESCUTOL see: PC9450000
DIETELMIN see: MO1955000
DIETHADION see: RP6300000
DIETHADIONE see: RP6300000
DIETHAMINE see: HZ8750000
DIETHAMPHENAZOL MONOHYDRATE see: KK7400000
DIETHANOLAMIN (Czech) see: KL2975000
DIETHANOLAMINE see: KL2975000
DIETHANOLAMINE 3,5-DIHODO-4-PYRIDONE-N-ACETATE see: UR8750000
DIETHANOLAMINE OLEATE see: RK0880000
DIETHANOLAMINE SALT of TRIIODOTHYROACETIC ACID see: AI1980000
DIETHANOLAMINOBENZENE see: KM2100000
DIETHANOLAMINOCHLOROBENZENE see: KK2420000
DIETHANOLAMMONIUM MALEIC HYDRAZIDE see: UR6000000
DIETHANOLAMMONIUM OLEATE see: RK0880000
N,N-DIETHANOLANILIDE, 3-CHLORO- see: KK2420000
DIETHANOLANILINE see: KM2100000
N,N-DIETHANOLANILINE see: KM2100000
DIETHANOLCHLOROANILIDE see: KK2420000
DIETHANOLDIAMINOISOPROPANOL see: UA7371000 2-PROPANOL, 1,3-BIS((2-HYDROXYETHYL)AMINO)-
1,1-DIETHANOLHYDRAZINE see: KL2850000
DIETHANOLLAURAMIDE see: JR1925000
N,N-DIETHANOLLAURAMIDE see: JR1925000
N,N-DIETHANOLLAURIC ACID AMIDE see: JR1925000
DIETHANOL NITROSAMINE DINITRATE, dry (DOT) see: KL9610000
DIETHANOLNITROSOAMINE see: KL9550000
DIETHANOL-m-TOLUIDINE see: KM3360000
DIETHATYL ETHYL see: MB9200000
DIETHAZIN see: SO4200000
DIETHAZINE see: SO4200000
DIETHAZINE HYDROCHLORIDE see: SO4375000
DIETHIBUTIN HYDROCHLORIDE see: BA6330000
DIETHION see: TE4550000
alpha,alpha-DIETHOXYACETOPHENONE see: MD3284000
2,2-DIETHOXYACETOPHENONE see: MD3284000
2-((2,6-DIETHOXYBENZAMIDO)METHYL)-1-ETHYLPYRROLIDINE HYDROCHLORIDE see: CV4165000
o-DIETHOXYBENZENE see: CZ5580000
1,2-DIETHOXYBENZENE see: CZ5580000
1-(3,4-DIETHOXYBENZYL)-6,7-DIETHOXYISOQUINOLINE see: NW7524000
1-(3,4-DIETHOXYBENZYL)-6,7-DIETHOXYISOQUINOLINE HYDROCHLORIDE see: NW7524100
2-(3,4-DIETHOXYBENZYLIDENE)-1,1,1-TRIMETHYLHYDRAZONIUM IODIDE see: MW0333700
2,2'-DIETHOXYCARBONYL-3,3'-BIS(DIMETHYLAMINOMETHYL)BIS-(5-INDOLYL) OXIDE DIMETHOSULFATE see: BR9972000
1,2-DI(ETHOXYCARBONYL)ETHYL 0,0-DIMETHYL PHOSPHORODITHIOATE see: WM8400000
S-(1,2-DIETHOXYCARBONYL)ETHYL 0,0-DIMETHYL PHOSPHOROTHIOATE see: WM8410000
S-(1,2-DI(ETHOXYCARBONYL)ETHYL DIMETHYL PHOSPHOROTHIOLOTHIONATE see: WM8400000
DIETHOXYCHLOROSILANE see: VV2100000
6,7-DIETHOXY-1-(3,4-DIETHOXYBENZYL)-2-METHYL-3(2H)-ISOQUINOLONE HYDROCHLORIDE see: NX6036000
2,5-DIETHOXY-2-(DIETHOXYMETHYL)TETRAHYDROFURAN see: LU6100000
4,6-DIETHOXY-1-(2,3-DIETHOXYPHENYL)ISOQUINOLINE HYDROCHLORIDE see: NW7524200
5,6-DIETHOXY-1-(2,3-DIMETHOXYBENZYL)-3,4-DIHYDROISOQUINOLINE HYDROCHLORIDE see: NW7624500
5,6-DIETHOXY-1-(2,3-DIMETHOXYBENZYL)ISOQUINOLINE HYDROCHLORIDE see: NW7524300
5,6-DIETHOXY-1-(2,3-DIMETHOXYPHENYL)ISOQUINOLINE HYDROCHLORIDE see: NW7524400
DIETHOXYDIMETHYLSILANE see: VV3590000
1,1-DIETHOXY-ETHAAN (Dutch) see: AB2800000
1,1-DIETHOXYETHANE see: AB2800000
2,6-DIETHOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE see: CV4165000
DIETHOXYMETHANE (DOT) see: PA8500000
alpha,alpha-DI(p-ETHOXYPHENYL)-beta-BROMO-beta-PHENYLETHYLENE see: WL4025000
5,6-DIETHOXY-1-PHENYLISOQUINOLINE HYDROCHLORIDE see: NW7524600
alpha-(((DIETHOXYPHOSPHINOTHIOYL)OXY)IMINO)BENZENEACETONITRILE see: MD4740000
N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)-beta-ALANINE ETHYL ESTER see: AY5078000
N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)ISOVALINE see: NY1860300
N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)ISOVALINE ETHYL ESTER see: NY1860400
N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)LEUCINE ETHYL ESTER see: OH3165000
N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)-L-VALINE see: YV9397200
N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)-L-VALINE ETHYL ESTER see: YV9397300
(DIETHOXYPHOSPHINYL)DITHIOIMIDOCARBONIC ACID CYCLIC ETHYLENE ESTER see: NJ6475000
2-(DIETHOXYPHOSPHINYL)ETHYLTRIETHOXYSILANE see: TA0997000
(DIETHOXYPHOSPHINYLIMINO)-1,3-DITHIETANE see: NJ6490000
DIETHOXYPHOSPHINYLIMINO-2 DITHIETANNE-1,3 (French) see: NJ6490000
2-(DIETHOXYPHOSPHINYLIMINO)-1,3-DITHIOLANE see: NJ6475000
2-(DIETHOXYPHOSPHINYLIMINO)-4-METHYL-1,3-DITHIOLANE see: JP1050000
(alpha-(DIETHOXYPHOSPHINYL)-p-METHOXYBENZYL)BIS(2-CHLOROPROPYL)ANTIMONITE see: SZ8562500
N-(((DIETHOXYPHOSPHINYL)THIO)ACETYL)-beta-ALANINE ETHYL ESTER see: AY5079000
N-(((DIETHOXYPHOSPHINYL)THIO)ACETYL)-L-VALINE see: YV9397400
N-(((DIETHOXYPHOSPHINYL)THIO)ACETYL)-L-VALINE ETHYL ESTER see: YV9397600
3,3-DIETHOXYPROPENE (DOT) see: AS1370000
DIETHOXYTETRAETHYLENE GLYCOL see: SB0350000
DIETHOXY THIOPHOSPHORIC ACID ESTER of 2-ETHYLMERCAPTOETHANOL see: TF3150000
DIETHOXY THIOPHOSPHORIC ACID ESTER of 7-HYDROXY-4-METHYL COUMARIN see: GN7525000
(DIETHOXY-THIOPHOSPHORYLOXYIMINO)-PHENYL ACETONITRILE see: MD4740000
DIETHQUINALPHION see: TF6125000
DIETHQUINALPHIONE see: TF6125000
DIETHYL see: EJ4200000
DIETHYL ACETAL see: AB2800000
DIETHYL ACETALDEHYDE see: ES2625000
N,N-DIETHYLACETAMIDE see: AB7000000
DIETHYLACETIC ACID see: ET1400000
1-DIETHYLACETYLAZIRIDINE see: CM6875000
DIETHYLACETYLETHYLENEIMINE see: CM6875000
5-DIETHYLACETYL GENTISIC ACID SODIUM SALT see: LY3856300
10-N,N-DIETHYLALANYLPHENOTHIAZINE see: SO4150000
DIETHYLALUMINIUM CHLORIDE (DOT) see: BD0558000
DIETHYLALUMINUM CHLORIDE see: BD0558000
DIETHYLALUMINUM MONOCHLORIDE see: BD0558000
N,N-DIETHYLAMIDE of PHENOXYACETIC ACID see: AB7400000
1-DIETHYLAMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE see: YS9363500

HZ8750000 DIETHYLAMINE
UPDT:8412 CAS: 109-89-7 MW: 73.16 MOLFM: C4-H11-N
SYN: DEN * DIAETHYLAMIN (German) * DIETHAMINE * DIETHYLAMINE (DOT) * DIETILAMINA (Italian) * DWUETYLOAMINA (Polish) * ETHANAMINE, N-ETHYL- * N,N-DIETHYLAMINE * UN 1154 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AMIHBC 4,119,51
skn-rbt 500 mg open MLD — UCDS** 5/21/71
eye-rbt 50 ug open SEV — AMIHBC 4,119,51

MUTATION DATA AND REFERENCES:
mmo-omi 50 uL/plate — EJMBA2 16,133,81
mmo-omi 400 uL/plate — EJMBA2 15,113,80
mmo-omi 200 uL/plate — EJMBA2 15,113,80

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:540 mg/kg — AEHLAU 1,343,60
* ihl-rat LC50:4000 ppm/4H — AEHLAU 1,343,60
orl-mus LD50:649 mg/kg — HYSAAV 30,351,65
* skn-rbt LD50:820 mg/kg — AMIHBC 4,119,51
* ihl-mam LC50:5000 mg/m3 — TPKVAL 14,80,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31
★ TLV-TWA 10 ppm; STEL 25 ppm — DTLVS* 4,140,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 25 ppm (SCP-J) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S139
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N,N-DIETHYLAMINE see: HZ8750000
DIETHYLAMINE ACETARSONE see: CF8600000
DIETHYLAMINE, 2-ACETOXY-2'-CHLORO-N-METHYL- see: KK1575000

HZ8880000 DIETHYLAMINE, 1-ACETOXY-N-NITROSO-
UPDT:8308 MW: 160.20 MOLFM: C6-H12-N2-O3
SYN: ACETIC ACID, 1-(ETHYLNITROSAMINO)ETHYL ESTER * N-(alpha-ACETOXY)ETHYL-N-ETHYLNITROSAMINE * 1-ACETOXY-N-NITROSODIETHYLAMINE * 1-(ETHYLNITROSAMINO)ETHYL ACETATE

MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate — MUREAV 49,187,78
slt-dmg-par 500 umol/L — CNREA8 36,4504,76
sln-dmg-par 2 mmol/L — BCPCA6 24,2009,75

DIETHYLAMINE 3-ACETYLAMINO-4-HYDROXYPHENYLARSONATE see: CF8600000

HZ9210000 DIETHYLAMINE, 1,2-BIS(p-METHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8412 MW: 321.88 MOLFM: C18-H23-N-O2 Cl-H

TOXICITY DATA AND REFERENCES:
1F12 scu-mus LDLo:111 mg/kg — JAPMA8 39,354,50

DIETHYLAMINE, 2-CHLORO-N-(9-FLUORENYL)-, HYDROCHLORIDE see: LL5160000
DIETHYLAMINE, 2,2'-DIAMINO- see: IE1225000

IA0175000 DIETHYLAMINE, 2,2'-DICHLORO-
UPDT:8402 CAS: 334-22-5 MW: 142.04 MOLFM: C4-H9-Cl2-N
SYN: N,N-BIS-(beta-CHLORAETHYL)-AMIN (German) * BIS-beta-CHLOROETHYLAMINE * NH-LOST * NORNITROGEN MUSTARD * NSC-10873

MUTATION DATA AND REFERENCES:
mmo-sat 100 umol/L — CNREA8 41,2967,81
mma-sat 50 ug/plate — PNASA6 72,5135,75
mmo-esc 10 mmol/L — SOGEBZ 7,113,71
mma-esc 1 mmol/L — JTEHD6 3,637,77
pic-esc 500 mg/L — APMBAY 12,234,64
mmo-bcs 500 umol/L — EXPEAM 39,530,83
dnd-smc 1 mmol/L — CBINA8 39,1,82
dni-mus-ivg 100 ppm — JIDEAE 62,378,74
dnd-mus/ast 170 umol/kg — CNREA8 33,1048,73
cyt-ham:ovr 100 umol/L — CGCGBR 26,108,80
sce-ham:ovr 100 umol/L — CGCGBR 26,108,80

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:100 mg/kg — ARZNAD 11,143,61
scu-mus LD50:20 mg/kg — JPETAB 91,224,47
ivn-dog LDLo:6 mg/kg — CCSUBJ 2,201,65
ivn-mky LDLo:11 mg/kg — CCSUBJ 2,201,65

DIETHYLAMINE, 2,2'-DICHLORO-N-ISOBUTYL-, HYDROCHLORIDE see: UH9875000

IA1750000 DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-
UPDT:8411 CAS: 51-75-2 MW: 156.07 MOLFM: C5-H11-Cl2-N
SYN: BIS(beta-CHLOROETHYL)METHYLAMINE * BIS(2-CHLOROETHYL)METHYLAMINE * N,N-BIS(2-CHLOROETHYL)METHYLAMINE * CARYOLYSIN * CHLORMETHINE * CLORAMIN * DICHLOR AMINE * DICHLOREN (German) * beta,beta'-DICHLORODIETHYL-N-METHYLAMINE * DI(2-CHLOROETHYL)METHYLAMINE * 2,2'-DICHLORO-N-METHYLDIETHYLAMINE * EMBICHIN * ENT-25294 * HN2 * MBA * MECHLORETHAMINE * METHYLBIS(beta-CHLOROETHYL)AMINE * N-METHYL-BIS-CHLORAETHYLAMIN (German) * N-METHYL-BIS(beta-CHLOROETHYL)AMINE * N-METHYL-BIS(2-CHLOROETHYL)AMINE * N-METHYL-2,2'-DICHLORODIETHYLAMINE * METHYLDI(2-CHLOROETHYL)AMINE * N-METHYL-LOST * MUSTARGEN * MUSTINE * MUTAGEN * NITROGEN MUSTARD * N-LOST (German) * NSC 762 * TL 146

IRRITATION DATA AND REFERENCES:
eye-rbt 400 ug SEV — AJOPAA 29,1553,46
eye-rbt 20 ug/30M — INOPAO 15,308,76

MUTATION DATA AND REFERENCES:
mmo-sat 40 ug/plate — CNREA8 37,2209,77
mma-sat 50 ug/plate — PNASA6 72,5135,75
pic-sat 800 mg/L — JGMIAN 8,116,53
mmo-esc 1 nmol/L — APTOA6 53,421,83
mma-esc 100 ug/L — RCOCB8 16,523,77
dnd-esc 5 umol/L — MUREAV 89,95,81
dns-esc 300 umol/L — ZKKOBW 92,177,78
pic-esc 500 ug/L — APMBAY 12,234,64
mmo-bcs 50 mg/L — MUREAV 38,271,76

BEST COPY AVAILABLE

mmo-omi 1500 ppm APMBAY 6,45,58
mmo-omi 10 mg/L MOPMA3 6,667,70
dnr-omi 386 ug/plate BIZNAT 95,463,76
dnd-omi 10 umol/L/90M-C BBACAQ 174,674,69
dnd-omi 3 gm/L BIJOAK 89,138,63
dnd-omi 3 gm/L BIJOAK 89,138,63
dni-omi 2 mmol/L MGGEAE 150,301,77
pic-omi 100 umol/L COREAF 234,2238,52
pic-omi 800 mg/L :'GMIAN 8,116,53
pic-omi 100 mg/L JGMIAN 8,116,53
slt-dmg-unk 2000 ppm/2H MUREAV 120,233,83
cyt-dmg-ihl 1L/7M PREBA3 62B,284,46/47
sln-dmg-ihl 100 pph/7M PREBA3 62B,284,46/47
mmo-nsc 4 mmol/L/30M PNASA6 35,581,49
mmo-smc 200 mg/L/1H GENTAE 78,1101,74
dnd-smc 40 umol/L MUREAV 58,241,78
mmo-asn 6500 umol/L MUREAV 3,145,66
mmo-ssp 21 mmol/L ADWMAX -,193,62
mmo-eug 400 mg/L SCIEAS 148,497,65
dnd-sal:spr 100 mmol/L ABBIA4 97,80,62
dnd-ofs:tes 7100 mmol/L ABBIA4 97,80,62
dlt-ain-unk 2 pph/30M-C AESAAI 62,790,69
dlt-ain-orl 1000 ppm AESAAI 62,790,69
dlt-ain-par 1 ug MUREAV 7,63,69
dnd-hmn:hla 8 mg/L ECREAL 103,175,76
dns-hmn:fbr 160 ug/L TXCYAC 21,151,81
dns-hmn:lym 100 umol/L/1H MUREAV 14,413,72
dns-hmn:leu 100 umol/L CALEDQ 18,305,83
oms-hmn:hla 20 mg/L BBACAQ 349,389,74
dni-hmn:hla 2 mg/L JCLLAX 69,331,67
cyt-hmn:leu 10 ug/L CNREA8 33,1829,73
cyt-hmn:hla 100 nmol/L TXCYAC 9,21,78
cyt-hmn:lym 1 mg/L CGCGBR 34,230,82
sce-hmn:lym 1200 nmol/L MUREAV 139,71,84
dnd-rat:lvr 50 umol/L CALEDQ 18,163,83
dnd-rat-unk 1 mg/kg CBINA8 7,265,73
dnd-rat:oth 1 mmol/L CBINA8 7,265,73
dnd-rat:oth 100 umol/L IJCNAW 7,430,71
oms-rat:oth 100 umol/L IJCNAW 7,430,71
dns-rat:lvr 10 umol/L JTEHD6 6,333,80
dns-rat-ipr 3 mg/kg CANCAR 36,2364,75
dns-rat:oth 20 umol/L PSEBAA 157,688,78
dni-rat-par 400 ug/kg/4D-C JNCIAM 55,713,75
dni-rat:oth 400 nmol/L/1H CBINA8 39,191,82
cyt-rat-orl 1 mg/kg BJCAAI 6,173,66
cyt-rat-ipr 4 mg/kg/24H LBANAX 3,157,69
cyt-rat-ivn 900 ug/kg CTKIAR 1,289,68
mnt-mus-ipr 2500 ug/kg TOXID9 1,40,81
otr-mus:emb 100 nmol/L CBINA8 38,75,81
dnd-mus/ast 3 mg/kg CNREA8 24,964,64
dnd-mus:emb 170 nmol/L CBINA8 38,75,81
dnd-mus:lym 1 umol/L BBACAQ 308,242,73
dnd-mus:leu 10 umol/L BCPCA6 18,1229,69
dnd-mus-ipr 2500 ug/kg OFAJAE 51,1,74
dnd-mus-unk 2400 ug/kg PACHAS 42,209,75
dnd-rat:oth 1 umol/L CNREA8 40,3186,80
dnd-mus:fbr 25 umol/L BEXBAN 92,1692,81
dns-mus:tes 10 umol/L ARTODN 37,195,77
dns-mus-unk 15600 nmol/kg PAACA3 24,248,83
dni-mus-ivg 100 ppm JIDEAE 62,378,74
dni-mus:oth 100 ug/L CNREA8 37,2998,77
dni-mus/ast 3 mg/kg CBINA8 8,1,74
dni-mus-ipr 2 mg/kg CNREA8 29,994,69
dnd-mus-unk 300 ug/kg PAACA3 24,246,83
cyt-mus-scu 680 ug/kg MUREAV 58,67,78
cyt-mus:ast 40 nmol/L PHARAT 32,178,77
msc-mus:lym 40 nmol/L MUREAV 25,107,74
spm-mus-ipr 7500 ug/kg/5D-I CMMUAO 5,257,78
trn-mus-ipr 3200 ug/kg JOGNAU 51,81,52
dnd-ham-ipr 500 ug/kg CNREA8 29,98,69
dnd-ham:kdy 500 nmol/L PNASA6 79,2942,82
dns-ham:emb 5 umol/L JTEHD6 6,333,80
dni-ham:lng 2 umol/L CRNGDP 4,269,83
cyt-ham:ovr 100 umol/L MUREAV 23,259,74
sce-ham:ovr 1 umol/L NATUAS 258,121,75
dns-dom:kdy 1 umol/L CBINA8 13,243,76
dnd-mam:lym 50 umol/L/1H BBACAQ 174,663,69
dnd-mam:kdy 100 umol/L JTEHD6 6,333,80
dns-mam:lym 1 umol/L CBINA8 8,113,74
dns-mam:kdy 10 umol/L JTEHD6 6,333,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T46T34T43 ipr-rat TDLo:700 ug/kg (12D preg) PEDIAU 23,231,59
1T25 ipr-rat TDLo:300 ug/kg (11D preg) CANCAR 9,955,56
1T46 ipr-rat TDLo:300 ug/kg (12D preg) CANCAR 9,955,56
1T33 scu-rat TDLo:1 mg/kg (12D preg) JEEMAF 18,215,67
2T25T59 ivn-rat TDLo:200 ug/kg (10D preg) JLCMAK 36,833,50
1T77 ipr-mus TDLo:4 mg/kg (6-7D preg) JPETAB 101,362,51
1T01 ipr-mus TDLo:800 ug/kg (1D male) CNREA8 42,122,82
1T33 ipr-mus TDLo:500 ug/kg (12D preg) TCMUD8 3,281,83
1T01 ivn-mus TDLo:800 ug/kg (1D male) CNREA8 42,122,82
3T25T34T46 par-mus TDLo:1 mg/kg (11D preg) TCMUD8 3,281,83

TUMORIGENIC DATA AND REFERENCES:

2V01R60 skn-man TDLo:153 mg/kg/3Y-C AVSUAR 58,421,78
2V01R60 skn-wmn TDLo:5840 mg/kg/8Y-I AVSUAR 58,421,78
3V01K60P61 ivn-rat TDLo:5720 ug/kg/1Y-I ARZNAD 20,1461,70
2V03R60 skn-mus TDLo:60 mg/kg/14W-I BJCAAI 9,177,55
2V03J60 ipr-mus TDLo:69 mg/kg/39W-I SCIEAS 147,1443,65
3V02P61P62 ivn-mus TDLo:10 mg/kg/42D-I CNREA8 25,20,65
3V03R21R60 skn-mus TD :276 mg/kg/23W-I EXPEAM 36,1211,80

TOXICITY DATA AND REFERENCES:

2K30P26 unk-man TDLo:200 ug/kg CNCRA6 50,219,66
ihl-rat LCLo:440 mg/m3/10M NDRC** NDCrc-132,Apr,42
skn-rat LD50:14 mg/kg CNRMAW 25,141,47
ipr-rat LD50:1600 ug/kg ARZNAD 11,143,61
* scu-rat LD50:1900 ug/kg PEDIAU 19,701,57
ice-rat LD50:100 mg/kg JPPMAB 18,760,66
unk-rat LD10:370 ug/kg CNCRA6 50,219,66
ihl-mus LCLo:370 mg/m3/10M NDRC** NDCrc-132,Apr,42
skn-mus LD50:29 mg/kg JPETAB 91,224,47
* ipr-mus LD10:2600 ug/kg JMCMAR 20,515,77
scu-mus LD50:2600 ug/kg NTIS** PB158-507
ivn-mus LD50:3200 ug/kg CTRRDO 63,971,79
unk-mus LD10:900 ug/kg CNCRA6 50,219,66
ihi-dog LCLo:290 mg/m3/10M NDRC** NDCrc-132,Apr,42
ihl-cat LCLo:290 mg/m3/10M NDRC** NDCrc-132,Apr,42
ihl-rbt LCLo:690 mg/m3/10M NDRC** NDCrc-132,Apr,42
skn-rbt LDLo:15 mg/kg JPETAB 91,224,47
ihl-gpg LCLo:440 mg/m3/10M NDRC** NDCrc-132,Apr,42
ivn-gpg LD50:15 mg/kg NTIS** PB158-507
ivn-ckn LD50:10 mg/kg NTIS** PB158-507
skn-dom LD50:20 mg/kg NTIS** PB158-507

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71; MIMDAL 57(1),19,74; JAMAAP 172,1765,60; 32XPAD -,49,75; CLPTAT 5,480,64; ADVPA3 4,263,66; ARVPAX 5,447,65; BMJOAE 2,1055,61

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IA2100000 DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL, HYDROCHLORIDE

UPDT:8407 CAS: 55-86-7 MW: 192.53 MOLFM: C5-H11-Cl2-N Cl-H
SYN: ANTIMIT * BIS(2-CHLOROETHYL)METHYLAMINE HYDROCHLORIDE * CARYOLYSINE * CHLORAMIN * CHLORAMINE * CHLORETHAMINE * CHLORETHAZINE * 2-CHLORO-N-(2-CHLOROETHYL)-N-METHYLETHANAMINE HYDROCHLROIDE * DICHLOREN * beta,beta-DICHLORODIETHYL-N-METHYLAMINE HYDROCHLORIDE * DI(2-CHLOROETHYL)METHYLAMINE HYDROCHLORIDE * 2,2'-DICHLORO-N-METHYLDIETHYLAMINE HYDROCHLORIDE * DIMITAN * EMBICHIN * EMBIKHINE * ERASOL * ETHANAMINE, 2-CHLORO-N-(2-CHLOROETHYL)-N-METHYL-, HYDROCHLORIDE * HN2 HCl * HN2 HYDROCHLORIDE * N-LOST * MBA HYDROCHLORIDE * MEBICHLORAMINE * MECHLORETHAMINE HYDROCHLORIDE * MERCHLORETHAMINE * N-METHYL-BIS-beta-CHLOROETHYLAMINE HYDROCHLORIDE * METHYLBIS(2-CHLOROETHYL)AMINE HYDROCHLORIDE * N-METHYL-2,2'-DICHLORODIETHYLAMINE HYDROCHLORIDE * N-METHYL DI-2-CHLOROETHYLAMINE HYDROCHLORIDE * METHYLDI(beta-CHLOROETHYL)AMINE HYDROCHLORIDE * METHYLDI(2-CHLOROETHYL)AMINE HYDROCHLORIDE * MITOXINE * MUSTARGEN * MUSTARGEN HYDROCHLORIDE * MUSTINE HYDROCHLORIDE * NCI-C56382 * NITROGEN MUSTARD HYDROCHLORIDE * NITOL TAKEDA * NITROGRANULOGEN * N-MUSTARD (German) * NSC-762 HYDROCHLORIDE * PUVA * ZAGREB

MUTATION DATA AND REFERENCES:

mmo-sat 10 uL/plate ANYAA9 76,475,58
mmo-sat 500 ug/plate BJCAAI 37,873,78
mmo-esc 100 ug/disc APMBAY 6,23,58
pic-esc 200 mg/L ARMKA7 51,9,65
oms-bcs 10 umol/L BBACAQ 521,484,78
dnd-bcs 10 umol/L BBACAQ 521,484,78
sln-dmg-orl 5 mmol/L MUREAV 95,237,82
dlt-dmg-orl 5 mmol/L MUREAV 95,237,82
mmo-asn 2500 umol/L SOGEBZ 6,220,70
dni-hmn:lym 10 umol/L AGACBH 4,117,74
dni-hmn:hla 1 umol/L MUREAV 92,427,82
cyt-hmn:lym 100 mg/L CYTOAN 46,387,81
dnd-rat:lvr 30 umol/L SinJF# 26OCT82
cyt-rat-ipr 2 mg/kg CNREA8 34,1429,74
dlt-mus-ipr 2500 ug/kg MUREAV 43,231,77
otr-ham:kdy 80 ug/L BJCAAI 37,873,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T43T41T46 scu-rat TDLo:1 mg/kg (13D preg) TJADAB 13,151,76
1T25 scu-rat TDLo:750 ug/kg (13D preg) TJADAB 13,151,76
1T42 scu-rat TDLo:1 mg/kg (13D preg) TJADAB 13,151,76
3T25T34T43 ipr-mus TDLo:1600 ug/kg (11D preg) TJADAB 4,141,71
1T46 ipr-mus TDLo:1600 ug/kg (11D preg) TJADAB 4,141,71
1T02 ipr-mus TDLo:4 mg/kg (1D male) CANCAR 2,1075,49
2T35T46 scu-mus TDLo:2500 ug/kg (10D preg) AMUK** 36,20,59
1T34 scu-mus TDLo:2500 ug/kg (10D preg) ASMUAA 36,20,59
3T47T48T53 scu-mam TDLo:1 mg/kg (13D preg) TJADAB 13,151,76
3T42T43T41 scu-mam TDLo:1 mg/kg (13D preg) TJADAB 13,151,76
1T25 scu-mam TDLo:500 ug/kg (13D preg) TJADAB 13,151,76
1T46 scu-mam TDLo:2 mg/kg (13D preg) TJADAB 13,151,76

TUMORIGENIC DATA AND REFERENCES:

2V01J60 ipr-mus TDLo:6 mg/kg/4W JNCIAM 36,915,66
2V01J60 scu-mus TDLo:22 mg/kg/21W-I BJCAAI 3,118,49
2V02J60 ivn-mus TDLo:4 mg/kg/6D-I JNCIAM 11,415,50
2V03V10 scu-mus TD :6 mg/kg/6W-I JNCIAM 14,131,53

TOXICITY DATA AND REFERENCES:

3K13P14P17 ivn-hmn TDLo:400 ug/kg CLPTAT 6,50,65
orl-rat LD50:10 mg/kg JPETAB 91,224,47
scu-rat LD50:1900 ug/kg JPETAB 91,224,47
* ivn-rat LD50:1100 ug/kg MEIEDD 10,822,83
par-rat LD50:1700 ug/kg RRCRBU 52,76,75
orl-mus LD50:20 mg/kg JPETAB 91,224,47
ipr-mus LD50:3800 ug/kg JPETAB 100,398,50
scu-mus LD50:2600 ug/kg JPETAB 91,224,47
ivn-mus LD50:2 mg/kg JPETAB 91,224,47
ivn-dog LD50:1 mg/kg JPETAB 91,224,47
ivn-mky LDLo:340 ug/kg CCSUBJ 2,201,65
ivn-cat LDLo:3850 mg/kg JPETAB 95,131,49
ivn-rbt LD50:1600 ug/kg JPETAB 91,224,47
orl-gpg LD50:12 mg/kg NTIS** PB158-507

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,193,75

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-, OXIDE see: IA2200000

IA2200000 DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-, N-OXIDE

UPDT:8411 CAS: 126-85-2 MW: 172.07 MOLFM: C5-H11-Cl2-N-O
SYN: 2-CHLORO-N-(2-CHLOROETHYL)-N-METHYLETHANAMINE-N-OXIDE * 2,2'-DICHLORO-N-METHYLDIETHYLAMINE-N-OXIDE * DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-, OXIDE * HN2 AMINE OXIDE * HN2 OXIDE MUSTARD * MBAO * MECHLORETHAMINE OXIDE * METHYL-BIS(beta-CHLOROETHYL)AMINE OXIDE * METHYLBIS(beta-CHLOROETHYL)AMINE N-OXIDE * N-METHYL-DI-2-CHLOROETHYLAMINE-N-OXIDE * NITOMEN * NITOMIN * NITROGEN MUSTARD AMINE OXIDE * NITROGEN MUSTARD OXIDE * NITROGEN MUSTARD N-OXIDE * NITROMIN * NMO * N-OXYD-LOST (German) * N-OXYD-MUSTARD (German) * NSC 10107 * OXY-NM2

MUTATION DATA AND REFERENCES:

mmo-esc 100 ug/disc APMBAY 6,23,58
dns-mus-ipr 40 mg/kg MUREAV 50,229,78
dlt-mus-ipr 20 mg/kg MUREAV 26,285,74
cyt-ham:lng 2500 ug/L GMCRDC 27,95,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01 ipr-rat TDLo:80 mg/kg (1D male) HIKYAJ 12,1339,66
1T23 ipr-rat TDLo:20 mg/kg (1D male) 85GUAJ -,37,66
2T01T02 scu-mus TDLo:60 mg/kg (1D male) JJPAAZ 10,64,60

TUMORIGENIC DATA AND REFERENCES:

3V01P60P61 ivn-rat TDLo:218 mg/kg/1Y-I ARZNAD 20,1461,70

BEST COPY AVAILABLE

2V03R60 skn-mus TDLo:204 gm/kg/17W-I GANNA2 57,295,66

TOXICITY DATA AND REFERENCES:

orl-rat LD50:80 mg/kg ARZNAD 6,539,56
ipr-rat LD50:50 mg/kg ARZNAD 11,143,61
scu-rat LD50:70 mg/kg ARZNAD 6,539,56
ivn-rat LD50:45 mg/kg ARZNAD 8,340,58
ipr-mus LD50:100 mg/kg NTIS** PB158-507
ivn-mus LD50:154 mg/kg NYKZAU 57,219,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IA2275000 DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-, N-OXIDE, HYDROCHLORIDE

UPDT:8401 CAS: 302-70-5 MW: 208.53 MOLFM: C5-H11-Cl2-N-O Cl-H

SYN: CHLORMETHINE-N-OXIDE HYDROCHLORIDE * 2-CHLORO-N-(2-CHLOROETHYL)-N-METHYLETHANAMINE-N-OXIDE HYDROCHLORIDE * 2,2'-DICHLORO-N-METHYLDIETHYLAMINE N-OXIDE HYDROCHLORIDE * ETHANAMINE, 2-CHLORO-N-(2-CHLOROETHYL)-N-METHYL-, N-OXIDE, HYDROCHLORIDE (9CI) * MECHLORETHAMINE OXIDE HYDROCHLORIDE * METHYLBIS(beta-CHLOROETHYL)AMINE N-OXIDE HYDROCHLORIDE * N-METHYLBIS(2-CHLOROETHYL)AMINE N-OXIDE HYDROCHLORIDE * N-METHYL 2,2'-DICHLORODIETHYLAMINE N-OXIDE HYDROCHLORIDE * METHYLDI(2-CHLOROETHYL)AMINE N-OXIDE HYDROCHLORIDE * MITOMEN * MUSTRON * NITROGEN MUSTARD OXIDE * NITROGEN MUSTARD N-OXIDE * NITROGEN MUSTARD N-OXIDE HYDROCHLORIDE * NITROMIN * NITROMIN HYDROCHLORIDE * N-OXYD-LOST * NSC-10107 * SR-598

MUTATION DATA AND REFERENCES:

mmo-sat 500 ug/plate URLRA5 7,119,79
pic-esc 200 mg/L ARMKA7 51,9,65
cyt-slw-par 1670 uL ZEVBA5 89,216,58
bfa-rat/sat 250 mg/kg URLRA5 7,119,79

TUMORIGENIC DATA AND REFERENCES:

3V03K60P61 mul-rat TDLo:1300 mg/kg/93W-I ZEKBAI 62,112,57

TOXICITY DATA AND REFERENCES:

2F12P26 unk-man TDLo:2 mg/kg CNCRA6 50,219,66
" orl-rat LD50:60500 ug/kg NIIRDN 6,256,82
" ipr-rat LD50:79500 ug/kg NIIRDN 6,256,82
" scu-rat LD50:76100 ug/kg NIIRDN 6,256,82
unk-rat LD10:7100 ug/kg CNCRA6 50,219,66
unk-mus LD10:31 mg/kg CNCRA6 50,219,66
ivn-dog LDLo:4 mg/kg CCSUBJ 2,201,65
ivn-mky LDLo:8 mg/kg CCSUBJ 2,201,65

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,209,75

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IA2400000 DIETHYLAMINE, 2,2'-DICHLORO-N-NITROSO-

UPDT:8401 CAS: 67856-68-2 MW: 171.04 MOLFM: C4-H8-Cl2-N2-O

SYN: BIS(2-CHLOROETHYL)NITROSOAMINE * NITROSOBIS(2-CHLOROETHYL)AMINE * N-NITROSO-2,2'-DICHLORODIETHYLAMINE

MUTATION DATA AND REFERENCES:

mmo-sat 10 ug/plate MUREAV 66,1,79
mma-sat 10 ug/plate MUREAV 66,1,79

TUMORIGENIC DATA AND REFERENCES:

3V03D09K60 orl-rat TDLo:345 mg/kg/30W-I CNREA8 38,2391,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIETHYLAMINE, 2,2'-DICYANO- see: UG2975000

IA2740000 DIETHYLAMINE, 2,2'-DIETHOXY-N-NITROSO-

UPDT:8401 CAS: 67856-66-0 MW: 158.28 MOLFM: C8-H18-N2-O

SYN: BIS(2-ETHOXYETHYL)NITROSOAMINE * N-NITROSOBIS(2-ETHOXYETHYL)AMINE

MUTATION DATA AND REFERENCES:

mma-sat 50 ug/plate MUREAV 66,1,79

TUMORIGENIC DATA AND REFERENCES:

3V03D09L60 orl-rat TDLo:3250 mg/kg/50W-I CNREA8 38,2391,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIETHYLAMINE, 2,2'-DIHYDROXY- see: KL2975000

DIETHYLAMINE, 2,2'-DIHYDROXY-N-NITROSO- see: KL9550000

IA2830000 DIETHYLAMINE, 2,2'-DIMETHOXY-N-NITROSO-

UPDT:8401 CAS: 67856-65-9 MW: 162.22 MOLFM: C6-H14-N2-O3

SYN: BIS(2-METHOXYETHYL)NITROSOAMINE * N-NITROSOBIS(2-METHOXYETHYL)AMINE

TUMORIGENIC DATA AND REFERENCES:

3V03K60L60 orl-rat TDLo:2750 mg/kg/50W-I CNREA8 38,2391,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIETHYLAMINE (DOT) see: HZ8750000

IA3084000 DIETHYLAMINE, HYDROCHLORIDE

UPDT:8408 CAS: 660-68-4 MW: 109.62 MOLFM: C4-H11-N Cl-H

SYN: DIETHYLAMMONIUM CHLORIDE * ETHANAMINE, N-ETHYL-, HYDROCHLORIDE (9CI)

TOXICITY DATA AND REFERENCES:

2F11J26 ipr-mus LD50:960 mg/kg JJPAAZ 17,475,67
" scu-mus LD50:1130 mg/kg AIPTAK 112,36,57
" ivn-mus LD50:320 mg/kg AIPTAK 112,36,57

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

IA3090000 DIETHYLAMINE, 1-(HYDROPEROXY)-N-NITROSO-

UPDT:8303 MW: 134.16 MOLFM: C4-H10-N2-O3

SYN: N-ETHYL-N-(alpha-HYDROPEROXYETHYL)NITROSAMINE * 1-(HYDROPEROXY)-N-NITROSODIETHYLAMINE

MUTATION DATA AND REFERENCES:

msc-ham:lng 50 umol/L GANNA2 73,522,82

IA3270000 DIETHYLAMINE, 1-METHOXY-N-NITROSO-

UPDT:8401 CAS: 61738-03-2 MW: 132.19 MOLFM: C5-H12-N2-O2

SYN: 1-METHOXY-AETHYL-AETHYLNITROSAMIN (German) * 1-METHOXY-ETHYL-ETHYLNITROSAMINE

TUMORIGENIC DATA AND REFERENCES:

3V01J60L60 orl-rat TDLo:400 mg/kg/23W-I ZKKOBW 88,25,76
3V01J60L60 orl-rat TD :800 mg/kg/23W-I ZKKOBW 88,25,76

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1000 mg/kg ZKKOBW 88,25,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IA3330000 DIETHYLAMINE, 1-(p-METHOXYPHENYL)-2-PHENYL-, HYDROCHLORIDE

UPDT:8412 MW: 291.85 MOLFM: C17-H21-N-O Cl-H

TOXICITY DATA AND REFERENCES:

1F12 scu-mus LDLo:222 mg/kg JAPMA8 39,354,50

IA3400000 DIETHYLAMINE, 1-METHYL-N-NITROSO-

UPDT:8401 CAS: 16339-04-1 MW: 116.19 MOLFM: C5-H12-N2-O

SYN: AETHYL-ISOPROPYL NITROSOAMIN (German) * ETHYLISOPROPYLNITROSOAMINE * 1-METHYL-N-NITROSODIETHYLAMINE * N-NITROSOETHYLISOPROPYLAMINE

TUMORIGENIC DATA AND REFERENCES:

3V01K60L60 orl-rat TDLo:3920 mg/kg/56W-C NATWAY 50,100,63
2V03K60 orl-rat TD :3700 mg/kg/53W-C ARZNAD 19,1077,69

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1100 mg/kg NATWAY 50,100,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IA3500000 DIETHYLAMINE, N-NITROSO-

UPDT:8412 CAS: 55-18-5 MW: 102.16 MOLFM: C4-H10-N2-O

SYN: DANA * DEN * DENA * DIAETHYLNITROSAMIN (German) * DIETHYLNITROSAMINE * DIETHYLNITROSOAMINE * N,N-DIETHYLNITROSAMINE * ETHYLAMINE, N-NITROSO- * N-ETHYL-N-NITROSO-ETHANAMINE * NDEA * NITROSODIETHYLAMINE * N-NITROSO-DIAETHYLAMINE (German) * N-NITROSODIETHYLAMINE * RCRA WASTE NUMBER U174

MUTATION DATA AND REFERENCES:

mmo-sat 50 uL/plate MUREAV 54,101,78
mma-sat 50 ug/plate MUREAV 111,135,83
pic-sat 100 mg/L ENMUDM 1,121,79
mma-esc 2 umol/plate MUREAV 135,87,84
dnr-esc 50 mg/L JJIND8 62,873,79
mrc-esc 1 ug/well MUREAV 46,53,77
dnd-esc 50 uL/plate CNREA8 31,970,71
pic-esc 3 gm/L VIRLAX 99,257,79
dnr-bcs 50 gm/L EVSRBT 24,19,81
mma-ami 2 mg/plate CBINA8 22,297,78
slt-dmg-par 5 mmol/L CNREA8 36,4504,76
slt-dmg-unk 20 mmol/L/6H MUREAV 120,233,83
sln-dmg-orl 20 umol/L EVSRBT 24,175,81
sln-dmg-unk 10 mmol/L MUREAV 74,77,80
sln-dmg-par 20 mmol/L BCPCA6 24,2009,75
dlt-dmg-orl 5 mmol/L/3D MUREAV 29,383,75
mmo-nsc 100 ummol/L MUREAV 3,537,66
dnr-smc 115 umol/L CNJGA8 24,771,82
mrc-smc 3 pph JJIND8 62,901,79
mmo-asn 10 uL/plate MUREAV 80,265,81
mma-hmn:fbr 1 mmol/L CNREA8 41,1873,81
otr-hmn:fbr 10 ug/L BANRDU 12,3,82
otr-hmn:oth 1 gm/L/9W-I PAACA3 25,135,84
dnd-hmn:lng 100 umol/plate JNCIAM 59,1401,77
dns-hmn:hla 100 umol/L CNREA8 38,2621,78
dns-hmn:oth 100 umol/L JJIND8 69,557,82
dns-hmn:lvr 5 mmol/L CRNGDP 4,683,83
cyt-hmn:hla 500 mg/L MUREAV 57,369,78
msc-hmn:fbr 2 mmol/L CRNGDP 4,683,83
mnt-rat-ipr 50 mg/kg MUREAV 74,11,80
mnt-rat-unk 40 mg/kg MUREAV 74,77,80
otr-rat-orl 10 mg/kg JNCIAM 49,93,72
otr-rat-ipr 15 mg/kg BJCAAI 40,274,79
otr-rat:emb 10 mg/L JJIND8 67,1303,81
otr-rat-par 100 mg/kg JJIND8 69,1299,82
dnd-rat:lvr 30 umol/L CNREA8 42,2592,82
dnd-rat-ipr 40 mg/kg CNREA8 38,1589,78
dnd-rat-orl 10 mg/kg ZKKOBW 82,37,74
dnd-rat-par 100 mg/kg ZKKOBW 90,107,77
dnd-rat:oth 1500 nmol PAACA3 24,65,83
dns-rat-orl 210 mg/kg EXPEAM 31,87,75
dns-rat:lvr 50 umol/L ENMUDM 3,11,81
dns-rat:oth 100 mmol/L SHKKAN 22,300,80
dnd-rat:oth 15 nmol PAACA3 24,65,83
dni-rat-orl 210 mg/kg EXPEAM 31,87,75
oms-rat-orl 70 mg/kg/7D-C EJCAAH 13,13,77
cyt-rat-ipr 250 mg/kg CBINA8 11,413,75
cyt-rat-orl 126 mg/kg/3W JNCIAM 54,1245,75
cyt-rat-scu 10 mg/kg RRCRBU 44,94,74
sce-rat-ipr 67 mg/kg MUREAV 74,77,80
hma-rat/smc 2574 mg/kg TCMUD8 3,41,83
mnt-mus-ipr 60 mg/kg/2D YOMJA9 20,105,79
mma-mus:lym 10 mg/L/4H MUREAV 59,61,79
slt-mus-par 30 mg/kg ARTODN 38,75,77
otr-mus:fbr 20 mg/L JJIND8 67,1303,81
otr-mus:mmr 10 ug/L CRNGDP 3,801,82
dnd-mus-ipr 100 mg/kg CALEDQ 6,221,79
dnd-mus:oth 700 nmol PAACA3 24,65,83
dnd-mus:oth 15 nmol PAACA3 24,65,83
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
sce-mus-ipr 25 mg/kg MUREAV 74,77,80
sce-mus/lng 600 mg/kg PSEBAA 158,269,78
msc-mus:lym 1 gm/L MUREAV 106,305,82
hma-mus/sat 50 mg/kg/3H MUREAV 45,291,77
hma-mus/lng 600 mg/kg PSEBAA 158,269,78
hma-mus/esc 10 mg/kg MUREAV 74,77,80
hma-mus/msc 200 mg/kg EVSRBT 24,109,81
mma-ham:lng 2500 umol/L MUREAV 74,77,80
otr-ham-ipr 500 mg/kg ARPAAQ 95,380,73
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
otr-ham:emb 2500 mg/L JJIND8 63,519,79
dnd-ham-ipr 200 mg/kg CRNGDP 4,541,83
dnd-ham:lng 300 umol/L/2H BBRCA9 72,732,76
dns-ham:lvr 10 umol/L ENMUDM 6,1,84
dns-ham-ipr 200 mg/kg PAACA3 25,82,84
cyt-ham-scu 50 mg/kg CRNGDP 4,1385,83
cyt-ham:lng 1 gm/L ARTODN (Suppl 4),41,80
cyt-ham:ovr 4 mmol/L MUREAV 37,83,76
sce-ham-ipr 100 mg/kg MUREAV 74,77,80
sce-ham:ovr 4 mmol/L MUREAV 37,83,76
msc-ham:lng 4500 umol/L/48H PNASA6 75,2864,78
msc-ham-ipr 250 mg/kg CALEDQ 9,185,80
msc-ham:ovr 100 mg/L ENMUDM 6,539,84
otr-gpg-ipr 20 mg/kg CNREA8 35,1035,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34 orl-rat TDLo:200 mg/kg (10D preg) BEXBAN 78,1308,74
1T35 orl-rat TDLo:158 mg/kg (22D preg) IARCCD 4,45,73
1T35 ipr-rat TDLo:180 mg/kg (10D preg) IARCCD 4,112,73
1T35 ivn-rat TDLo:140 mg/kg (10D preg) IARCCD 4,45,73
1T35 ipc-rat TDLo:500 ug/kg (13D preg) BEXBAN 78,1308,74
1T48 ipr-mus TDLo:100 mg/kg (17D preg) MUREAV 104,165,82
3T51T53T76 orl-ham TDLo:150 mg/kg (30D post) PSEBAA 136,1007,71
1T49 scu-ham TDLo:53400 ug/kg (13-15D preg) ARDSBI 126,152,82

TUMORIGENIC DATA AND REFERENCES:

3V01K60L60 orl-rat TDLo:6000 mg/kg/57W-C GANNA2 60,211,69
3V01T65L60 orl-rat TDLo:150 mg/kg (22D preg) IARCCD 4,92,73
3V02L60M61 ipr-rat TDLo:390 mg/kg/26W-I RRCRBU 52,1,75
2V03M61 scu-rat TDLo:480 mg/kg/12D-I NATWAY 54,47,67
3V03T65M61 scu-rat TDLo:480 mg/kg (10-21D preg) NATWAY 54,47,67
2V01M61 ivn-rat TDLo:80 mg/kg JNCIAM 49,1729,72

BEST COPY AVAILABLE

3V01T65D09 ivn-rat TDLo:150 mg/kg (22D preg) IARCCD 4,45,73
3V01J60L60 orl-mus TDLo:57 mg/kg/10D-C IJCNAW 5,119,70
3V02J61V08 skn-mus TDLo:800 mg/kg/20W-I EJCAAH 16,695,80
3V02T65J60 ipr-mus TDLo:120 mg/kg (21D preg) VOONAW 17(1),45,71
3V01J60P61 ipr-mus TDLo:90 mg/kg CALEDQ 1,249,76
3V01J60L60 scu-mus TDLo:104 mg/kg/52W-I IAPUDO 31,813,80
3V02T65J60 scu-mus TDLo:80 mg/kg (15-20D preg) ZEKBAI 67,152,65
2V03P60 orl-dog TDLo:210 mg/kg/5W-C ARZNAD 14,73,64
2V03L60 mul-dog TDLo:560 mg/kg/26W EXPEAM 23,497,67
2V03L60 orl-mky TDLo:5140 mg/kg/2Y-I JNCIAM 36,323,66
2V03L60 ipr-mky TDLo:280 mg/kg/60W-I PAACA3 25,74,84
2V02L60 orl-cat TDLo:870 mg/kg/78W-I IJCNAW 22,552,78
3V01L60P62 orl-rbt TDLo:1250 mg/kg/52W-I JNCIAM 34,453,65
3V03L60M61 orl-pig TDLo:750 mg/kg/67W-C ZEKBAI 72,102,69
2V03L60 orl-gpg TDLo:172 mg/kg/12W-C EXPEAM 25,296,69
3V03T65J60 orl-ham TDLo:150 mg/kg (30D post) PSEBAA 136,1007,71
3V01D09J60 orl-ham TDLo:480 mg/kg/20W-I IAPUDO 30,305,80
2V03J60 ihl-ham TDLo:216 mg/kg/9W-I ZEKBAI 64,499,62
2V03D09 skn-ham TDLo:5600 mg/kg/26W-I ARPAAQ 78,189,64
2V03D09 ipr-ham TDLo:272 mg/kg/17W-I ARPAAQ 78,189,64
3V03J60T65 ipr-ham TDLo:30 mg/kg (15D preg) ZAPPAN 121,82,77
3V01D09J60 scu-ham TDLo:336 mg/kg/12W-I IAPUDO 30,305,80
3V02T65J60 scu-ham TDLo:45 mg/kg (15D preg) JNCIAM 55,681,75
2V03D09 idr-ham TDLo:588 mg/kg/21W-I ARPAAQ 78,189,64
2V02J60 itr-ham TDLo:104 mg/kg/52W-I PEXTAR 24,162,79
3V03L60M61 ims-ckn TDLo:400 mg/kg/20W-I IJCNAW 22,552,78
3V01D09L60 scu-grb TDLo:198 mg/kg/33W-I ZKKOBW 83,233,75
3V01D09L60 ivn-grb TDLo:50 mg/kg ZKKOBW 83,233,75
2V03L60 ims-bwd TDLo:540 mg/kg/27W-I NATWAY 53,437,66
3V02D09J61 itr-ham TD :743 mg/kg/26W-I CNREA8 23,773,63
3V02D09J60 scu-ham TD :60 mg/kg/11W-I CNREA8 28,2197,68
2V02J60 ipr-mus TD :40 mg/kg/24W-I TXAPA9 72,313,84
3V01K60L60 orl-mus TD :75 mg/kg/30W-C VOONAW 11(6),74,65
3V02J60L60 ipr-mus TD :50 mg/kg PAACA3 25,79,84
2V03K60 orl-rat TD :105 mg/kg/30W-I FCTOD7 21,601,83
3V02K60L60 orl-rat TD :55 mg/kg/2Y-I ARTODN (Suppl 4):29,80
2V03L60 orl-pig TD :1400 mg/kg/45W EXPEAM 23,497,67
2V02J60 scu-ham TD :2500 ug/kg JCROD7 94,1,79
3V02J61K61 scu-ham TD :273 mg/kg/21W-I ZKKOBW 80,285,73

TOXICITY DATA AND REFERENCES:

orl-rat LD50:280 mg/kg ARZNAD 13,841,63
ipr-rat LD50:216 mg/kg BIJOAK 85,72,62
* ivn-rat LD50:280 mg/kg IARCCD 4,45,73
* unk-rat LD50:245 mg/kg GISAAA 45(8),11,80
* ipr-mus LD50:132 mg/kg JJIND8 62,911,79
* unk-mus LD50:210 mg/kg GISAAA 45(8),11,80
orl-gpg LD50:250 mg/kg ZEKBAI 69,103,67
scu-ham LD50:246 mg/kg JNCIAM 49,595,72
unk-ham LD50:246 mg/kg JNCIAM 49,595,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FEPRA7 35(1),89,76; RREVAH 64,77,76; GANMAX 17,107,75; ALLVAR 50,77,62; ONCOBS 33,66,76; BLFSBY 24,129,83; ONCOBS 37,259,80

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 17,83,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,107,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 17,83,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 28,151,82

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED:RESULTS POSITIVE:MOUSE, RAT (RRCRBU 52,1,75)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IA3535000 DIETHYLAMINE, N-NITROSO-2,2,2-TRIFLUORO-

UPDT:8402 MW: 156.13 MOLFM: C4-H7-F3-N2-O

SYN: N-NITROSO-2,2,2-TRIFLUORODIETHYLAMINE * N-NITROSO-2,2,2-TRIFLUOROETHYL-ETHYLAMINE

MUTATION DATA AND REFERENCES:

mma-sat 20 umol/plate CRNGDP 3,155,82

TUMORIGENIC DATA AND REFERENCES:

3V01D09K60 orl-rat TDLo:945 mg/kg/63W-I CRNGDP 4,755,83
3V01D09K60 orl-rat TD :1305 mg/kg/44W-I CRNGDP 4,755,83

TOXICITY DATA AND REFERENCES:

3J16K30L01 orl-rat LD50:960 mg/kg CRNGDP 4,755,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

p-(2-(DIETHYLAMINO)ACETAMIDO)BENZOIC ACID ETHYL ESTER HYDROCHLORIDE see: DG8465000
BENZOICACID, p-(2-(DIETHYLAMINO)ACETAMIDO)-, ETHYL ESTER, HYDROCHLORIDE
1-(4-DIETHYLAMINOACETAMIDO-2-DIETHYLAMINOACETAMIDOMETHYLPHENOXY)-n-OCTANE DIHYDROCHLORIDE see: AN3451500
5-(2-(DIETHYLAMINO)ACETAMIDO)-4-(2-ETHOXYETHYL)-3-METHYLISOXAZOLE see: NY2758500
ISOXAZOLE,5-(2-(DIETHYLAMINO)ACETAMIDO)-4-(2-ETHOXYETHYL)-3-METHYL-
5-(2-(DIETHYLAMINO)ACETAMIDO)-4-(2-METHOXYETHYL)-3-METHYLISOXAZOLE see: NY2758600ISOXAZOLE, 5-(2-(DIETHYLAMINO)ACETAMIDO)-4-(2-METHOXYETHYL)-3-METHYL-
2-(DIETHYLAMINOACETAMIDO)-1-METHYL-o-DICARBADODECABORANE see: AB7237200
5-(2-(DIETHYLAMINO)ACETAMIDO)-3-METHYLISOTHIAZOLE see: NX8155840 ISOTHIAZOLE, 5-(2-(DIETHYLAMINO)ACETAMIDO)-3-METHYL-
5-(2-(DIETHYLAMINO)ACETAMIDO)-3-METHYLISOXAZOLE see: NY2758700 ISOXAZOLE, 5-(2-(DIETHYLAMINO)ACETAMIDO)-3-METHYL-
1-(2-DIETHYLAMINOACETAMIDOMETHYLPHENOXY)-n-OCTANE HYDROCHLORIDE see: AB7243400
1-(4-DIETHYLAMINOACETAMIDOMETHYLPHENOXY)-n-OCTANE HYDROCHLORIDE see: AB7243420
1-(2-DIETHYLAMINOACETAMIDOMETHYLPHENOXY)-2-PHENYLETHANE HYDROCHLORIDE see: AB7243600
2-(DIETHYLAMINO)ACETANILIDE see: AE1971450
5-DIETHYLAMINOETHYL ESTER of N-METHYLPYRIDINIUM CHLORIDE-4-THIOHYDROXIMIC ACID HYDROCHLORIDE see: UU3874600
N,N-DIETHYLAMINOACETONITRILE see: AL8575000
2-DIETHYLAMINO-o-ACETOTOLUIDIDE see: AN3451000
2-(DIETHYLAMINO)-p-ACETOTOLUIDIDE MONOHYDROCHLORIDE see: AN3465000
DIETHYLAMINOACETO-2,6-XYLIDIDE see: AN7525000
alpha-DIETHYLAMINO-2,6-ACETOXYLIDIDE see: AN7525000
alpha-DIETHYLAMINOACETO-2,6-XYLIDIDE see: AN7525000
2-(DIETHYLAMINO)-2',6'-ACETOXYLIDIDE see: AN7525000
2-DIETHYLAMINO-2',6'-ACETOXYLIDIDE HYDROCHLORIDE see: AN7600000
DIETHYLAMINOACET-2,6-XYLIDIDE see: AN7525000
1-(N-((N',N'-DIETHYLAMINO)ACETYL)AMINO)INDAN HYDROCHLORIDE see: AB7234100
1-((DIETHYLAMINO)ACETYL)-2-((o-BENZAMIDOPHENYL)OXALYL)HYDRAZINE see: MV2280000
DIETHYLAMINOACETYLCARVACRYLAMINE CHLORHYDRATE (French) see: AE1974550
DIETHYLAMINOACETYLCARVACRYLMETHYLAMINE CHLORHYDRATE HYDRATE (French) see: AB5050000
omega-DIETHYLAMINOACETYL ISOPROPYL-4 BENZYLAMINE CHLORHYDRATE (French) see: AB7234140
omega-DIETHYLAMINOACETYL ISOPROPYL-4,N-METHYLBENZYLAMINE CHLORHYDRATE (French) see: AB7234120
omega-DIETHYLAMINOACETYL ISOPROPYL-3 METHYL-6 N-ETHYLBENZYLAMINE (French) see: AB5010000
omega-DIETHYLAMINOACETYL ISOPROPYL-3 METHYL-6 N-METHYLBENZYLAMINE CHLORHYDRATE (French) see: AB5060000
omega-DIETHYLAMINOACETYL ISOPROPYL-3 METHYL-6 beta-PHENETHYLAMINE (French) see: AB7234170
10-(DIETHYLAMINOACETYL)PHENOTHIAZINE see: SO5005000
N-(2-DIETHYLAMINOACETYL)-2-PHENYL-1-INDANAMINE HYDROCHLORIDE see: NK3855000
alpha-4-(1-DIETHYLAMINOACETYL-2-PIPERIDYL)-2,2-DIPHENYL-1,3-DIOXOLANE HYDROCHLORIDE see: JH7440000
beta-4-(1-DIETHYLAMINOACETYL-2-PIPERIDYL)-2,2-DIPHENYL-1,3-DIOXOLANE HYDROCHLORIDE see: JH7460000
DIETHYLAMINOACETYL 2,4,6-TRIMETHYL-ANILINE HYDROCHLORIDE see: AE2100000
omega-DIETHYLAMINOACETY' TRIMETHYL-2,4,6-BENZYLAMINE CHLORHYDRATE (French) see: AB7306000
omega-DIETHYLAMINOACETYL TRIMETHYL-2,4,6 N-ETHYLBENZYLAMINE CHLORHYDRATE (French) see: AB7233100
omega-DIETHYLAMINOACETYL TRIMETHYL-2,4,6 N-METHYLBENZYLAMINE CHLORHYDRATE (French) see: AB7242800
(DIETHYLAMINO)ACYLANILIDE see: AE1971450
p-(DIETHYLAMINO)AZOBENZENE see: CX9871000
4-(DIETHYLAMINO)AZOBENZENE see: CX9871000
N,N-DIETHYL-2-(p-AMINOBENZAMIDOMETHYL)BENZYLAMINE see: CV2302100 BENZAMIDE, p-AMINO-N-(o-((DIETHYLAMINO)METHYL)BENZYL)-
N,N-DIETHYL-3-(p-AMINOBENZAMIDOMETHYL)BENZYLAMINE HYDROCHLORIDE see: CV2302200 BENZAMIDE, pAMINO-N-(m-((DIETHYLAMINO)METHYL)BENZYL)-, HYDROCHLORIDE
N,N-DIETHYL-4-(p-AMINOBENZAMIDOMETHYL)BENZYLAMINE HYDROCHLORIDE see: CV2302300 BENZAMIDE, pAMINO-N-(p-((DIETHYLAMINO)METHYL)BENZYL)-, HYDROCHLORIDE
N,N-DIETHYLAMINOBENZENE see: BX3400000
N(sup 2)-(DIETHYLAMINOBENZYLIDENE)-4-NITRO-N(sup 1)-PHENYL-o-PHENYLENEDIAMINE see: SS9470000
4-DIETHYLAMINO-2-BUTYNYL PHENYL(CYCLOHEXYL)GLYCOLATE HYDROCHLORIDE see: GV2800000
2-(DIETHYLAMINO)-N-(CARVACRYLMETHYL)ACETAMIDE HYDROCHLORIDE HYDRATE see: AB5050000
2-(DIETHYLAMINO)CHLOROETHANE see: YE0700000
2-(DIETHYLAMINO)-alpha-(2-(DIETHYLAMINO)ACETAMIDO)-4'-(OCTYLOXY)-m-ACETOTOLUIDIDE 2HCl see: AN3451500
alpha-DIETHYLAMINO-2,6-DIMETHYLACETANILIDE see: AN7525000
omega-DIETHYLAMINO-2,6-DIMETHYLACETANILIDE see: AN7525000
omega-DIETHYLAMINO-2,6-DIMETHYLACETANILIDE HYDROCHLORIDE see: AN7600000
3-DIETHYLAMINO-2,2-DIMETHYLPROPYL TROPATE PHOSPATE see: YM8400000
2-(DIETHYLAMINO)-2',6'-DIMETHYLTHIOACETANILIDE see: AE1974100
2-(DIETHYLAMINO)-N,N-DIPHENYLACETAMIDE see: AB7058000
4-(DIETHYLAMINO)-1,1-DIPHENYL-3-BUTEN-2-ONE MALEATE see: EM9879000
4-(DIETHYLAMINO)-1,1-DIPHENYL-2-BUTYN-1-OL see: ES0775000
4-DIETHYLAMINO-2,2-DIPHENYLBUTYRAMIDE see: ES4308500
4-DIETHYLAMINO-2,2-DIPHENYLBUTYRONITRILE OXALATE see: ET9400000
6-DIETHYLAMINO-4,4-DIPHENYLHEPTAN-3-ONE HYDROBROMIDE see: MJ5645500 3-HEPTANONE, 6-(DIETHYLAMINO)-4,4-DIPHENYL-, HYDROBROMIDE
6-(DIETHYLAMINO)-4,4-DIPHENYL-3-HEXANONE HYDROBROMIDE see: MP1630500 3-HEXANONE, 6-(DIETHYLAMINO)-4,4-DIPHENYL-, HYDROBROMIDE
2-(DIETHYLAMINO)-N-(DIPHENYLMETHYL)ACETAMIDE HYDROCHLORIDE see: AB7063000
6-(DIETHYLAMINO)-4,4-DIPHENYL-5-METHYL-3-HEXANONE HYDROBROMIDE see: MP1630600 3-HEXANONE, 6(DIETHYLAMINO)-4,4-DIPHENYL-5-METHYL-, HYDROBROMIDE
6-DIETHYLAMINO-4,4-DIPHENYL-5-METHYLHEXAN-3-ONE HYDROBROMIDE see: MP1630600 3-HEXANONE, 6-(DIETHYLAMINO)-4,4-DIPHENYL-5-METHYL-, HYDROBROMIDE
6-(DIETHYLAMINO)-4,4-DIPHENYL-3-HEPTANONE HYDROBROMIDE see: MJ5645500 3-HEPTANONE, 6-(DIETHYLAMINO)-4,4-DIPHENYL-, HYDROBROMIDE
5-DIETHYLAMINO-2,2-DIPHENYL-VALERIC ACID ETHYL ESTER see: YV6480000
3-DIETHYLAMINO-1,1-DI(2'-THIENYL)BUT-1-ENE HYDROCHLORIDE see: BA6330000
(DIETHYLAMINO)ETHANE see: YE0175000
DIETHYLAMINOETHANETHIOL see: KJ0525000 ETHANETHIOL, 2-(DIETHYLAMINO)-
2-(DIETHYLAMINO)ETHANETHIOL see: KJ0525000 ETHANETHIOL, 2-(DIETHYLAMINO)-
DIETHYLAMINOETHANOL see: KK5075000
N-DIETHYLAMINOETHANOL see: KK5075000
beta-DIETHYLAMINOETHANOL see: KK5075000
2-(DIETHYLAMINO)ETHANOL see: KK5075000
2-N-DIETHYLAMINOETHANOL see: KK5075000
N,N-DIETHYLAMINOETHANOLAMINE HYDROCHLORIDE of FUSARIC ACID see: TJ4300000
DIETHYLAMINOETHANOL 4-AMINOBENZOATE HYDROCHLORIDE see: DG2275000
2-DIETHYLAMINOETHANOL CARBANILATE see: KK5230000
DIETHYLAMINOETHANOL (DOT) see: KK5075000
DIETHYLAMINOETHANOL ESTER of DIPHENYLPROPYLACETIC ACID HYDROCHLORIDE see: YV7175000
2-(DIETHYLAMINO)ETHANOL compd. with 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8280000
2-DIETHYLAMINOETHANOL HYDROCHLORIDE see: KK5553400
ortho-N-beta-DIETHYLAMINOETHOXY BENZYLANILINE (French) see: DP4394000
N-(o-(2-(DIETHYLAMINO)ETHOXY)BENZYLIDENE)ANILINE see: BX3535000
ortho-N-beta-DIETHYLAMINOETHOXY BENZYLIDENE ANILINE (French) see: BX3535000
p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID BENZYL ESTER HYDROCHLORIDE see: FD8757510
p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID BUTYL ESTER HYDROCHLORIDE see: FD8757520
p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID DECYL ESTER HYDROCHLORIDE see: FD8757530
p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID ETHYL ESTER HYDROCHLORIDE see: FD8757540
p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID HEPTYL ESTER HYDROCHLORIDE see: FD8757550
p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID HEXYL ESTER HYDROCHLORIDE see: FD8757560
p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID ISOBUTYL ESTER HYDROCHLORIDE see: FD8757570
p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID OCTYL ESTER HYDROCHLORIDE see: FD8757580
p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID PENTYL ESTER HYDROCHLORIDE see: FD8757590
p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID PHENETHYL ESTER HYDROCHLORIDE see: FD8757600
p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID PROPYL ESTER HYDROCHLORIDE see: FD8757610
p-(2-(DIETHYLAMINO)ETHOXY)CARBANILIC ACID TETRADECYL ESTER HYDROCHLORIDE see: FD8757620
6-(2-DIETHYLAMINOETHOXY)-2-DIMETHYLAMINOBENZOTHIAZOLE DIHYDROCHLORIDE see: DL3580000
erythro-p-(p-(2-(DIETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLPHENETHYL)PHENOL see: SL0551000
threo-p-(p-(2-(DIETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLPHENETHYL)PHENOL HYDROCHLORIDE see: SL0551100
p-(p-(2-(DIETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLSTYRYL)PHENOL see: SL0551200
2-(DIETHYLAMINOETHOXY)DIPHENYL see: YE0525000
(2-DIETHYLAMINOETHOXY)DIPHENYLACETIC ACID ETHYL ESTER see: AG9470000
2-(DIETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYLBUTYRAMIDE see: ES4308700 BUTYRAMIDE, 2-(DIETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYL-

BEST COPY AVAILABLE

2-(DIETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)PROPIONAMIDE see: UE3570500PROPIONAMIDE, 2-(DIETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-
2-(2-(DIETHYLAMINO)ETHOXY)-ETHYL 2-PHENYLBUTYRATE CITRATE see: ET5960000
DIETHYLAMINOETHOXYETHYL-1-PHENYL-1-CYCLOPENTANE CARBOXYLATE HYDROCHLORIDE see: GY3520000
p-(2-(DIETHYLAMINO)ETHOXY)-alpha-(p-METHOXYPHENYL)-alpha-PHENYLPHENETHYL ALCOHOL see: SG7887200
2-(2-(DIETHYLAMINO)ETHOXY)-3-METHYL-BENZANILIDE see: CV8575000
alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL see: DO1317000
alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL BENZOATE (ester) see: DO1317100
alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL p-CHLOROBENZOATE (ester) see: DO1317200
alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL CINNAMATE (ester) see: DO1317300
alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL o-METHOXYBENZOATE (ester) see: DO1317700
alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL p-METHOXYBENZOATE (ester) see: DO1317710
alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL p-TOLUATE (ester) see: DO1318000
alpha-((2-(DIETHYLAMINO)ETHOXY)METHYL)-p-METHYLBENZYL ALCOHOL BENZOATE (ester) see: DO1317800
p-(p-(2-(DIETHYLAMINO)ETHOXY)-alpha-METHYLPHENETHYL)PHENOL CITRATE (1:1) see: SL0551300
p-(p-(2-(DIETHYLAMINO)ETHOXY)-beta-METHYLPHENETHYL)PHENOL HYDROCHLORIDE see: SL0551400
1-(1-(2-(DIETHYLAMINO)ETHOXY)-10-METHYL-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZIN-7-YL)ETHANONE see: KM5774000
5-(DIETHYLAMINO)-1-(p-ETHOXYPHENYL)BARBITURIC ACID see: CQ3500200 BARBITURIC ACID, 5-(DIETHYLAMINO)-1-(p-ETHOXYPHENYL)-
o-(2-(DIETHYLAMINO)ETHOXY)-N-PHENYLBENZYLAMINE see: DP4394000
1-((p-(2-DIETHYLAMINO)ETHOXY)PHENYL)-3,4-DIHYDRO-6-METHOXY-2-PHENYLNAPHTHALENE HYDROCHLORIDE see: YE2113160
1-(p-(2-(N,N-DIETHYLAMINO)ETHOXY)PHENYL)-1,2-DI-(p-METHOXYPHENYL)-3-METHYL-BUT-1-ENE HCl see: YE0620000
1-(p-(beta-DIETHYLAMINOETHOXY)-PHENYL)-1,2-DIPHENYLCHLOROETHYLENE see: YE0800000
1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-1,2-DIPHENYL-2-CHLOROETHYLENE CITRATE see: YE0875000
1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-1,2-DIPHENYLETHYLENE CITRATE see: YE2263000
1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-2-(p-FLUOROPHENYL)-1-p-TOLYLETHANOL see: KK5530000
p-(1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-2-(p-METHOXYPHENYL)-1-BUTENYL)PHENOL HYDROCHLORIDE see: SL0551500
1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-2-(p-METHOXYPHENYL)-1-PHENYLETHANOL CITRATE see: KK5551000
p-(2-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-1-METHYLVINYL)PHENOL HYDROCHLORIDE see: SL0551600
1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-2-NITRO-1,2-DIPHENYLETHYLENE CITRATE see: YE2140000
(p-2-DIETHYLAMINOETHOXYPHENYL)-1-PHENYL-2-p-ANISYLETHANOL see: KK5550000
1-(p-2-DIETHYLAMINOETHOXYPHENYL)-1-PHENYL-2-p-ANISYLETHANOL see: KK5550000
1-(4-(2-DIETHYLAMINOETHOXY)PHENYL)-1 PHENYL-2-(p-ANISYL)ETHANOL see: KK5550000
2-(4-DIETHYLAMINOETHOXY)PHENYL-3-PHENYLINDOLE see: NL6575000
2-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-3-PHENYLINDOLE see: NL6575000
1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-1-PHENYL-2-(p-METHOXYPHENYL)ETHANOL see: KK5550000
1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-2-PHENYLNAPHTHO(2,1-b)FURAN HYDROCHLORIDE see: YE2240000
1-(2-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-3-PHENYL-1-PROPANONE see: UH0350000
(O-beta-DIETHYLAMINOETHOXY)-PHENYL PROPIOPHENONE HYDROCHLORIDE see: UH0350000
5-(DIETHYLAMINO)-1-(p-ETHOXYPHENYL)-2-THIOBARBITURIC ACID see: CQ3500300 BARBITURIC ACID, 5(DIETHYLAMINO)-1-(p-ETHOXYPHENYL)-2-THIO-
1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-1-(p-TOLYL)-2-(p-CHLOROPHENYL)ETHANOL see: KK2400000
1-(4-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-1-(p-TOLYL) 2-(p-CHLOROPHENYL)ETHANOL see: KK2400000
2-(DIETHYLAMINO)-N-(8-ETHOXY-5-QUINOLYL)ACETAMIDE DIHYDROCHLORIDE see: AB7068500
2,4,6-(beta-DIETHYLAMINOETHOXY)-1,3,5-TRIAZINE-TRIBENZCHLORIDE see: BS9258000
2-DIETHYLAMINOETHYL-5-ACETYL GENTISATE HYDROCHLORIDE see: LY3853600
DIETHYLAMINOETHYL ACRYLATE see: AS8225000
beta-DIETHYLAMINOETHYL ACRYLATE see: AS8225000
N,N-DIETHYLAMINOETHYL ACRYLATE see: AS8225000
2-(DIETHYLAMINO)ETHYL ACRYLATE see: AS8225000
beta-DIETHYLAMINOETHYL ALCOHOL see: KK5075000
beta-DIETHYLAMINOETHYL 4-AMINOBENZOATE see: DG2100000
DIETHYLAMINOETHYL p-AMINOBENZOATE see: DG2100000
2-DIETHYLAMINOETHYL p-AMINOBENZOATE see: DG2100000
2-DIETHYLAMINOETHYL p-AMINOBENZOATE HYDROCHLORIDE see: DG2275000
2-(DIETHYLAMINO)ETHYL 4-AMINO-2-BUTOXYBENZOATE see: DG1501000
2-DIETHYLAMINOETHYL 4-AMINO-2-n-BUTOXYBENZOATE see: DG1501000
1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-(HYDROXYMETHYL)THIOXANTHEN-9-ONE see: XO1590000
1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-(HYDROXYMETHYL)-9H-THIOXANTHEN-9-ONE see: XO1590000
1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-HYDROXY-9H-THIOXANTHEN-9-ONE 10-OXIDE see: XO1603100
2-((2-(DIETHYLAMINO)ETHYL)AMINO)-5-METHYL-4-PHENYL-4-PROPYL-1-PYRROLINE see: UY7353000
1-(2'-DIETHYLAMINO)ETHYLAMINO-4-METHYLTHIOXANTHENONE see: XO1605500
1-((2-DIETHYLAMINOETHYL)AMINO)-4-METHYLTHIOXANTHEN-9-ONE HYDROCHLORIDE see: XO1605800
1-(2-DIETHYLAMINOETHYLAMINO)-4-METHYLTHIAXANTHONE HYDROCHLORIDE see: XO1605800
4-((2-(DIETHYLAMINO)ETHYL)AMINO)-6-NITROQUINOLINE DIPHOSPHATE see: VB4670000
2'-((2-(DIETHYLAMINO)ETHYLAMINO)OXALYL)BENZANILIDE see: CV8575100
1-((2-(DIETHYLAMINO)ETHYL)AMINO)-9-OXOTHIOXANTHENE-4-CARBOXYLIC ACID see: XO0556000
alpha-(N,beta-DIETHYLAMINOETHYL)AMINOPHENYLACETIC ACID ISOAMYL ESTER see: MB9625000
3-((2-DIETHYLAMINOETHYL)AMINO)-1-(4-PROPIONYLPHENOXY)PROPAN-2-OL see: UH2050000
beta-(DIETHYLAMINO)ETHYL 3-AMINO-4-n-PROPOXYBENZOATE HYDROCHLORIDE see: DG3065000
2-DIETHYLAMINOETHYL 3-AMINO-4-PROPOXYBENZOATE HYDROCHLORIDE see: DG3065000
beta-(N-(2-(DIETHYLAMINO)ETHYL)ANILINO)PHENETHYL ALCOHOL see: SG7888000
N-beta-DIETHYLAMINOETHYLANILINO alpha-PHENYLACETATE de n-BUTYLE (French) see: MB9610000
N-beta-DIETHYLAMINOETHYLANILINO alpha-PHENYLACETATE d'ETHYLE (French) see: MB9613000
N-beta-DIETHYLAMINOETHYLANILINO alpha-PHENYLACETATE d'ISOAMYLE (French) see: MB9615000
N-beta-DIETHYLAMINOETHYLANILINO alpha-PHENYLACETATE de PROPYLE (French) see: MB9618000
(N-(2-(DIETHYLAMINO)ETHYL)ANILINO)PHENYLACETONITRILE see: AL8650000
N-beta-DIETHYLAMINOETHYLANILINO alpha-PHENYLACETONITRILE (French) see: AL8650000
N-beta-DIETHYLAMINOETHYLANILINO alpha-PHENYLETHANOL see: SG7888000
N-(2-(DIETHYLAMINO)ETHYL)BENZAMIDE see: CV4202800
DIETHYLAMINOETHYL BENZILATE see: DD2480000
beta-DIETHYLAMINOETHYL BENZILATE see: DD2480000
2-(DIETHYLAMINO)ETHYL BENZILATE see: DD2480000
beta-DIETHYLAMINOETHYL BENZILATE HYDROCHLORIDE see: DD2800000
2-DIETHYLAMINOETHYL BENZILATE HYDROCHLORIDE see: DD2800000
3-(2-(DIETHYLAMINO)ETHYL)-2-BENZOXAZOLINONE HYDROCHLORIDE see: DM5271000
N-DIETHYLAMINOETHYLBENZOXAZOLONE HYDROCHLORIDE see: DM5271000
2-DIETHYLAMINOETHYL-5-BENZOYL GENTISATE HYDROCHLORIDE see: LY3853700
O-(DIETHYLAMINOETHYL)-N-BENZOYL-DL-TYROSYL-DI-n-PROPYLAMIDE see: DA8325600
beta-DIETHYLAMINOETHYL 2-BUTOXY-4-AMINOBENZOATE see: DG1501000
N-(2-(DIETHYLAMINO)ETHYL)-2-BUTOXYCINCHONINAMIDE see: GD3150000
N-(2-(DIETHYLAMINO)ETHYL)CARBAMIC ACID, 6-CHLORO-o-TOLYL ESTER HYDROCHLORIDE see: EZ4217500
4'-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)ACETANILIDE see: AE1974350
N-(alpha-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)BENZYL)ANTHRANILIC ACID MONOHYDROCHLORIDE see: CB2978500
p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID BENZYL ESTER HYDROCHLORIDE see: FD8757630
p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID BUTYL ESTER HYDROCHLORIDE see: FD8757640
p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID ETHYL ESTER HYDROCHLORIDE see: FD8757650
p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID HEXYL ESTER HYDROCHLORIDE see: FD8757660
p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID ISOBUTYL ESTER HYDROCHLORIDE see: FD8757670
p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID METHYL ESTER HYDROCHLORIDE see: FD8757680
p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID PENTYL ESTER HYDROCHLORIDE see: FD8757690
2-(DIETHYLAMINO)ETHYL CARBANILATE HYDROCHLORIDE see: FD8757700
p-((2-(DIETHYLAMINO)ETHYL)CARBAMOYL)CARBANILIC ACID HEPTYL ESTER HYDROCHLORIDE see: FD8757655
DIETHYLAMINOETHYL-N-CARBOXYPIPERIDINE see: TM6225000
DIETHYLAMINOETHYL CHLORIDE see: YE0700000
beta-(DIETHYLAMINO)ETHYL CHLORIDE see: YE0700000
N-DIETHYLAMINOETHYL CHLORIDE see: YE0700000
2-(DIETHYLAMINO)ETHYL CHLORIDE see: YE0700000
beta-DIETHYLAMINO-ETHYL CHLORIDE HYDROCHLORIDE see: YE1050000
2-(DIETHYLAMINO)ETHYL alpha-CHLORODIPHENYL ACETATE see: AF9000000
beta-DIETHYLAMINOETHYL CUMATE HYDROCHLORIDE see: DH3140000
2-(DIETHYLAMINO)ETHYL alpha-CYCLOHEXYLBENZENEACETATE see: GU6825000
2-DIETHYLAMINOETHYL 2-CYCLOPENTYL-2-(2-THIENYL)HYDROXYACETATE METHOBROMIDE see: BP7525000
2-DIETHYLAMINOETHYL alpha-CYCLOPENTYL-2-THIOPHENEGLYCOLATE METHOBROMIDE see: BP7525000
DIETHYLAMINOETHYL-DEXTRAN see: HH9250000
N-(2'-DIETHYLAMINOETHYL)DIBENZOPARATHIAZINE see: SO4200000
DIETHYLAMINOETHYL alpha,alpha-DICYCLOPENTYLACETATE ETHOBROMIDE see: BR1210000
2-DIETHYLAMINOETHYL-N',N'-DIETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UM2500000PSEUDOUREA, 1,3-DIETHYL-2-(2-(DIETHYLAMINO)ETHYL)-2-THIO-, DIHYDROBROMIDE
S-(DIETHYLAMINOETHYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TF0525000
S-(2-DIETHYLAMINOETHYL) O,O-DIETHYLPHOSPHOROTHIOATE HYDROGENOXALATE see: TF1400000
3-DIETHYLAMINOETHYL-3,4-DIHYDRO-1,3-BENZOTHIAZINE-2,4-DIONE, HYDROCHLORIDE see: DL0715000
N,N-DIETHYLAMINOETHYL 6,11-DIHYDRO-11-OXODIBENZ(b,e)OXEPIN-3-ACETATE HYDROCHLORIDE see: HQ4125000
5-(2-(DIETHYLAMINO)ETHYL)-8,9-DIHYDRO-5H-PYRIDO(3,2-b)AZEPIN-6(7H)-ONE FUMARATE see: UU7876200
trans-2-(DIETHYLAMINO)ETHYL 2,3-DIHYDRO-3-PHENYL-1,4-BENZODIOXIN-2-CARBOXYLATE CITRATE see: DF3517500
(17R,21-alpha)-4-(2-(DIETHYLAMINO)ETHYL)-17,21-DIHYDROXYAJMALANIUM see: AX8154500
N-(2-(DIETHYLAMINO)ETHYL)-alpha-(3,5-DIMETHOXYBENZAMIDO)-2,4-DIMETHOXYCINNAMAMIDE see: GD7230550
3-(2-(DIETHYLAMINO)ETHYL)-1-((2,3-DIMETHOXYBENZYL)METHYLAMINO)-3-PHENYL-2-INDOLINONE see: NM2089800
3-(2-DIETHYLAMINOETHYL)-2-(3,4-DIMETHOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6262000
N-(2-(DIETHYLAMINO)ETHYL)-2',6'-DIMETHYLACETANILIDE see: AE1974370
3-(2-DIETHYLAMINOETHYL)-2-(p-DIMETHYLAMINOPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6262200
N-(2-(DIETHYLAMINO)ETHYL)-2',6'-DIMETHYLCROTONANILIDE see: GQ2454000
N-(2-(DIETHYLAMINO)ETHYL)-2',6'-DIMETHYLFORMANILIDE see: LQ4673000
2-DIETHYLAMINOETHYL-N',N'-DIMETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UM2406000PSEUDOUREA, 2-(2-(DIETHYLAMINO)ETHYL)-1,3-DIMETHYL-2-THIO-, DIHYDROBROMIDE
2-(2-(DIETHYLAMINO)ETHYL)-1,3-DIMETHYL-2-THIOPSEUDOUREA DIHYDROBROMIDE see: UM2406000PSEUDOUREA, 2-(2-(DIETHYLAMINO)ETHYL)-1,3-DIMETHYL-2-THIO-, DIHYDROBROMIDE
2-DIETHYLAMINOETHYL DIPHENYLACETATE see: AH2624000
2-DIETHYLAMINOETHYL DIPHENYLACETATE HYDROCHLORIDE see: AH2625000
DIETHYLAMINOETHYLDIPHENYL CARBAMATE HYDROCHLORIDE see: FA4375000
2-DIETHYLAMINOETHYLDIPHENYLCARBAMATE HYDROCHLORIDE see: FA4375000
N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE BUTYL ESTER see: MB9610000
N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE ETHYL ESTER see: MB9613000
N-(2-DIETHYLAMINOETHYL)-2,2-DIPHENYLGLYCINE ETHYL ESTER see: MB9612900
N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE ISOPENTYL ESTER see: MB9615000
N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE MONOHYDROCHLORIDE see: MB9617000
N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE PROPYL ESTER see: MB9618000
2-(DIETHYLAMINO)ETHYL DIPHENYLGLYCOLATE see: DD2480000
2-DIETHYLAMINOETHYL DIPHENYLGLYCOLATE HYDROCHLORIDE see: DD2800000
2'-DIETHYLAMINOETHYL 2,2-DIPHENYLPENTANOATE HYDROCHLORIDE see: YV7175000
2-DIETHYLAMINOETHYL 2,2-DIPHENYLPROPIONATE see: UF2032500
beta-DIETHYLAMINOETHYL DIPHENYLPROPYLACETATE HYDROCHLORIDE see: YV7175000
S-(2-(DIETHYLAMINO)ETHYL) DIPHENYLTHIOCARBAMATE HYDROCHLORIDE see: FA4440000
S-(2-(DIETHYLAMINO)ETHYL) DIPHENYLTHIOCARBAMATE 1,5-NAPHTHALENEDISULFONATE see: FA4442000
2-DIETHYLAMINOETHYL alpha,alpha-DIPHENYL VALERATE HYDROCHLORIDE see: YV7175000
2-DIETHYLAMINOETHYL 2,2-DIPHENYLVALERATE see: AJ3400000
2-DIETHYLAMINOETHYL 2,2-DIPHENYLVALERATE HYDROCHLORIDE see: YV7175000
2-(DIETHYLAMINO)ETHYL ESTER of CYCLOHEXANECARBAMIC ACID HYDROCHLORIDE see: GU7174200
2-DIETHYLAMINOETHYL ESTER of 2-NAPHTHALENECARBAMIC ACID see: QJ1704000
N-(2-(DIETHYLAMINO)ETHYL)-2-(p-ETHOXYANILINO)-2-PHENYLACETAMIDE SALICYLATE see: AB7096000
N-(2-DIETHYLAMINOETHYL)-4-ETHOXYBENZAMIDINE DIHYDROCHLORIDE HYDRATE see: CV6145000
beta-DIETHYLAMINOETHYL-4-ETHOXY BENZOATE HYDROCHLORIDE see: DG9876000
N-(2-(DIETHYLAMINO)ETHYL)-2-(p-ETHOXYPHENOXY)-m-ACETANISIDIDE PICRATE see: AE8296200 m-ACETANISIDIDE, N-(2-(DIETHYLAMINO)ETHYL)-2-(p-ETHOXYPHENOXY)-, MONOPICRATE

5-(2-(DIETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)BARBITURIC ACID DIHYDRATE see: CQ3500400BARBITURIC ACID, 5-(2-(DIETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)-, DIHYDRATE

5-(2-(DIETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)-2-THIOBARBITURIC ACID HYDRATE see: CQ3500500BARBITURIC ACID, 5-(2-(DIETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)-2-THIO-, HYDRATE

2-DIETHYLAMINOETHYL 5-ETHOXYSALICYLATE HYDROCHLORIDE see: VO2995000

5-(2-(DIETHYLAMINO)ETHYL)-3-(alpha-ETHYLBENZYL)-1,2,4-OXADIAZOLE CITRATE see: RO0689000

N-(2-(DIETHYLAMINO)ETHYL)-2-ETHYL-2-PHENYLMALONAMIC ACID ETHYL ESTER see: ON9110800

2-DIETHYLAMINOETHYL 9-FLUORENECARBOXYLATE HYDROCHLORIDE see: LL6220000

3-(2-(DIETHYLAMINO)ETHYL)-2H-1,3-BENZOTHIAZINE-2,4(3H)-DIONE HYDROCHLORIDE see: DL0715000

beta-DIETHYLAMINOETHYL FENCHOLATE HYDROCHLORIDE see: LI9870000

2-DIETHYLAMINOETHYL GENTISATE HYDROCHLORIDE see: LY3853900

10-(N-(2-(DIETHYLAMINO)ETHYL)GLYCYL)PHENOTHIAZINE see: SO4220000

10-(N-(2-(DIETHYLAMINO)ETHYL)GLYCYL)PHENOTHIAZINE DIMALEATE see: SO4225000

1-(2-(DIETHYLAMINO)ETHYL)GUANIDINE SULFATE see: MF0525000

2-DIETHYLAMINOETHYL GUANIDINIUM SULFATE see: MF0525000

7-(beta-DIETHYLAMINOETHYL)-8-(alpha-HYDROXYBENZYL)THEOPHYLLINE HYDROCHLORIDE see: XH5097300

N-(2-DIETHYLAMINOETHYL)-4-ISOPROPOXYBENZAMIDINE see: CV6155000

N-(2-(DIETHYLAMINO)ETHYL)-2-(p-ISOPROPOXYPHENOXY)-m-ACETANISIDIDE HYDROCHLORIDE see: AE8296400 m-ACETANISIDIDE, N-(2-(DIETHYLAMINO)ETHYL)-2-(p-ISOPROPOXYPHENOXY)-,MONOHYDROCHLORIDE

1,3-DIETHYL-2-(2-AMINOETHYL)-ISOTHIOURONIUM DIBROMIDE see: UL8660000

2-DIETHYLAMINOETHYLISOTHIURONIUM CHLORIDE HYDROCHLORIDE see: UM2410000

beta-DIETHYLAMINOETHYL MERCAPTAN see: KJ0525000 ETHANETHIOL, 2-(DIETHYLAMINO)-

2-(2-DIETHYLAMINOETHYLMERCAPTO)IMIDAZOLINE CHLORIDE HYDROCHLORIDE see: NJ2630000

N-(2-(DIETHYLAMINO)ETHYL)-2-METHOXY-4-NITRO-BENZENESULFONAMIDE HYDROCHLORIDE see: DB1936000

N-(2-(DIETHYLAMINO)ETHYL)-2-(p-METHOXYPHENOXY)-m-ACETANISIDIDE HYDROCHLORIDE see: AE8296700m-ACETANISIDIDE, N-(2-(DIETHYLAMINO)ETHYL)-2-(p-METHOXYPHENOXY)-, MONOHYDROCHLORIDE

5-(2-(DIETHYLAMINO)ETHYL)-1-(p-METHOXYPHENYL)-2-THIOBARBITURIC ACID see: CQ3501500BARBITURIC ACID, 5-(2-(DIETHYLAMINO)ETHYL)-1-(p-METHOXYPHENYL)-2-THIO-

2-DIETHYLAMINOETHYL 5-METHOXYSALICYLATE HYDROCHLORIDE see: BZ4870000

N-(2-(DIETHYLAMINO)ETHYL)-2-METHOXY-alpha-(3,4,5-TRIMETHOXYBENZAMIDO)CINNAMAMIDE see: GD7230700

N-(2-(DIETHYLAMINO)ETHYL)-3-METHOXY-alpha-(3,4,5-TRIMETHOXYBENZAMIDO)CINNAMAMIDE see: GD7230750

N-(2-(DIETHYLAMINO)ETHYL)-4-METHOXY-alpha-(3,4,5-TRIMETHOXYBENZAMIDO)CINNAMAMIDE see: GD7230780

p-((2-(DIETHYLAMINO)ETHYL)METHYLAMINO)PHENOL METHYLCARBAMATE (ester) DIHYDROBROMIDE see: SL0552000

3-(beta-DIETHYLAMINOETHYL)-4-METHYL-7-(CARBETHOXYMETHOXY)-COUMARIN HYDROCHLORIDE see: AG9500000

3-(2-DIETHYLAMINOETHYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6262500

alpha-(2-(DIETHYLAMINO)ETHYL)-alpha-(1-METHYLETHYL)-2-THIOPHENEACETONITRILE see: XM7645000

DIETHYLAMINOETHYL 3-METHYLFLAVONE-8-CARBOXYLATE HYDROCHLORIDE see: DJ2405000

beta-DIETHYLAMINOETHYL 1-METHYL-3-ISOPROPYL CYCLOPENTANECARBOXYLATE HYDROCHLORIDE see: LI9870000

2-DIETHYLAMINOETHYL 3-METHYL-2-PHENYLVALERATE METHYLBROMIDE see: BP7600000

2-DIETHYLAMINOETHYL METHYL PHTHALATE HYDROCHLORIDE see: TI0950000

3-(2-(DIETHYLAMINO)ETHYL)-4-METHYLSYDNONE MONOHYDROCHLORIDE see: WU7675700

DIETHYLAMINOETHYLMORPHINE see: QD0774000

N-DIETHYLAMINOETHYL beta-(1-NAPHTHYL)-beta-TETRAHYDROFURYL ISOBUTYRATE see: LU5800000

3-(2-DIETHYLAMINOETHYL)-2-(p-NITROPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6262700

4-(beta-(DIETHYLAMINO)ETHYL)OXYDIPHENYLETHANE see: YE2175000

4-(beta-(DIETHYLAMINO)ETHYL)OXYSTILBENE see: YE2349000

2-(DIETHYLAMINO)ETHYL PHENETHYLCARBAMATE HYDROCHLORIDE see: FD0417000

10-(2-DIETHYLAMINOETHYL)PHENOTHIAZINE see: SO4200000

beta-DIETHYLAMINOETHYL PHENOTHIAZINE-N-CARBOXYLATE HYDROCHLORIDE see: SN7350000

beta-DIETHYLAMINOETHYL PHENOTHIAZINE-10-CARBOXYLATE HYDROCHLORIDE see: SN7350000

10-(2-DIETHYLAMINO)ETHYLPHENOTHIAZINE HYDROCHLORIDE see: SO4375000

3-(beta-DIETHYLAMINOETHYL)-3-PHENYL-2-BENZOFURANONE see: DF7875000

3-(beta-DIETHYLAMINOETHYL)-3-PHENYL-2-(3H)-BENZOFURANONE see: DF7875000

3-(2-(DIETHYLAMINO)ETHYL)-3-PHENYL-2(3H)-BENZOFURANONE see: DF7875000

3-(beta-DIETHYLAMINOETHYL)-3-PHENYL-2-BENZOFURANONE HYDROCHLORIDE see: DF7890000

N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYLBUTYRAMIDE see: ES4309300

N-(2-(DIETHYLAMINO)ETHYL)-3-PHENYLBUTYRAMIDE see: ES4309310

N-(2-(DIETHYLAMINO)ETHYL)-4-PHENYLBUTYRAMIDE see: ES4309320

4-DIETHYLAMINO-2-ETHYL-2-PHENYLBUTYRAMIDE OXALATE see: ES4309500

alpha-(2-(DIETHYLAMINO)ETHYL)-alpha-PHENYL-1-CYCLOHEXENE-1-ACETAMIDE DIHYDRATE see: GW2501500

alpha-(2-(DIETHYLAMINO)ETHYL)-alpha-PHENYLCYCLOHEXANEACETAMIDE OXALATE DIHYDRATE see: GU6400000

2-DIETHYLAMINOETHYL(alpha-PHENYLCYCLOHEXANE)ACETATE HYDROCHLORIDE see: GU6825000

alpha-(2-(DIETHYLAMINO)ETHYL)-alpha-PHENYLCYCLOHEXANEACETONITRILE see: GU9364000

DIETHYLAMINOETHYL-1-PHENYLCYCLOPENTANE-1-CARBOXYLATE HYDROCHLORIDE see: GY3870000

N-(2-DIETHYLAMINOETHYL)-2-PHENYLGLYCINE ISOPENTYL ESTER see: MB9625000

9-DIETHYLAMINOETHYL-2-PHENYLIMIDAZO(1,2-a)BENZIMIDAZOLE DIHYDROCHLORIDE see: HI2885000

2-DIETHYLAMINOETHYL-N'-PHENYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UM2407000

2-DIETHYLAMINOETHYL 2-PHENYL-3-METHYLVALERATE METHYL BROMIDE see: BP7600000

5-beta-DIETHYLAMINOETHYL-3-PHENYL-1,2,4-OXADIAZOLE CITRATE see: RO0720000

N-(2-(DIETHYLAMINO)ETHYL)-3-PHENYLPROPIONAMIDE see: UE3571400

5-(2-(DIETHYLAMINO)ETHYL)-3-(alpha-PHENYLPROPYL)-1,2,4-OXADIAZOLE CITRATE see: RO0689000

3-(2-(DIETHYLAMINO)ETHYL)-4-PHENYLSYDNONE MONOHYDROCHLORIDE see: WU7675900

2-(2-(DIETHYLAMINO)ETHYL)-1-PHENYL-2-THIOPSEUDOUREA DIHYDROBROMIDE see: UM2407000

(2-DIETHYLAMINO)ETHYLPHOSPHOROTHIOIC ACID O,O-DIETHYL ESTER see: TF0525000

N-(2-DIETHYLAMINOETHYL)-4-PROPOXYBENZAMIDINE DIHYDROCHLORIDE see: CV6175000

beta-DIETHYLAMINOETHYL-4-PROPOXY BENZOATE HYDROCHLORIDE see: DH6490000

2-DIETHYLAMINOETHYL PROPYLDIPHENYLACETATE see: AJ3400000

N(sup 1)-(2-DIETHYLAMINOETHYL)-N(sup 1)-(2-PYRIDYLMETHYL)SULFANILAMIDE DIHYDROCHLORIDE see: WO8985000

N(sup 1)-(2-DIETHYLAMINOETHYL)-N(sup 1)-(3-PYRIDYLMETHYL)SULFANILAMIDE DIHYDROCHLORIDE see: WO8986000

N(sup 1)-(2-DIETHYLAMINOETHYL)-N(sup 1)-(4-PYRIDYLMETHYL)SULFANILAMIDE DIHYDROCHLORIDE see: WO8987000

3-((1-(2-(DIETHYLAMINO)ETHYL)-2-PYRROLYL)CARBONYL)PYRIDINE CITRATE see: OB1810000

1-(2-(DIETHYLAMINO)ETHYL)RESERPINE see: ZF9380000

1-(2-(DIETHYLAMINO)ETHYL)RESERPINE BITARTRATE see: ZF9385000

10-(N-(2-(DIETHYLAMINO)ETHYL)SARCOSYL)PHENOTHIAZINE see: SO4235000

(17R)-4-(2-(DIETHYLAMINO)ETHYL)-4,21-SECOAJMALAN-17-OL see: VS2192000

(17R,20-alpha)-4-(2-(DIETHYLAMINO)ETHYL)-4,21-SECOAJMALAN-17-OL see: VS2192500

3-(2-(DIETHYLAMINO)ETHYL)SYDNONE MONOHYDROCHLORIDE see: WU7675800

2-(DIETHYLAMINO)ETHYL TETRAHYDRO-alpha-(1-NAPHTHYLMETHYL)-2-FURANPROPIONATE see: LU5800000

1-(2-(DIETHYLAMINO)ETHYL)THEOBROMINE SODIUM SALT see: XH2376100

7-(2-(DIETHYLAMINO)ETHYL)THEOPHYLLINE 2-OXOBORNANESULFONATE see: XH5097600

7-(2-(N,N-DIETHYLAMINO)ETHYL)THEOPHYLLINE HYDROCHLORIDE see: XH5095500

2-((2-(DIETHYLAMINO)ETHYL)THIO)BENZIMIDAZOLE DIHYDROBROMIDE see: DD8255000 BENZIMIDAZOLE, 2((2-(DIETHYLAMINO)ETHYL)THIO)-, DIHYDROBROMIDE

2-(2'-DIETHYLAMINOETHYLTHIO)BENZIMIDAZOLINE BROMIDE HYDROBROMIDE see: DD8255000BENZIMIDAZOLE, 2-((2-(DIETHYLAMINO)ETHYL)THIO)-, DIHYDROBROMIDE

N-(DIETHYLAMINOETHYL)THIODIPHENYLAMINE see: SQ4200000

4-((2-(DIETHYLAMINO)ETHYL)THIO)(HYDROXYIMINO)METHYL)-1-METHYL-PYRIDINIUM CHLORIDE HCl see: UU3874600

2-((2-(DIETHYLAMINO)ETHYL)THIO)-2-IMIDAZOLINE DIHYDROCHLORIDE see: NJ2630000

2-(2-(DIETHYLAMINO)ETHYL)-2-THIOPSEUDOUREA DIHYDROCHLORIDE see: UM2410000

N-(2-(DIETHYLAMINO)ETHYL)-alpha-(3,4,5-TRIMETHOXYBENZAMIDO)-3,4,5-TRIMETHOXYCINNAMAMIDE see: GD7230950

2-(DIETHYLAMINO)-N-ETHYL-N-(2,4,6-TRIMETHYLBENZYL)ACETAMIDE HYDROCHLORIDE see: AB7233100

beta-DIETHYLAMINOETHYL 9-XANTHENECARBOXYLATE METHOBROMIDE see: BP7632500

beta-DIETHYLAMINOETHYL XANTHENE-9-CARBOXYLATE METHOBROMIDE see: BP7632500

4-(DIETHYLAMINO)-1-(2-FURYL)-1-PHENYL-2-BUTYN-1-OL see: ES0775500

6-(DIETHYLAMINO)-2-HEXYN-1-OL see: MR0182G50

2-(2-(DIETHYLAMINO)-1-HYDROXYETHYL)DIBENZOFURAN HYDROCHLORIDE see: KK3550000

3-(2-(DIETHYLAMINO)-1-HYDROXYETHYL)PHENANTHRENE HYDROCHLORIDE see: KK5650000

gamma-DIETHYLAMINO-alpha-(p-HYDROXYPHENYL)-alpha-PHENYLBUTYRIC ACID LACTONE see: DF7875000

o-(3-(DIETHYLAMINO)-2-HYDROXYPROPOXY)BENZOIC ACID HYDROCHLORIDE see: DG8546100

o-(3-(DIETHYLAMINO)-2-HYDROXYPROPYLAMINO)BENZOIC ACID METHYL ESTER DIHYDROCHLORIDE see: DG8546200

5-((gamma-DIETHYLAMINO-beta-HYDROXYPROPYL)AMINO)-3-METHOXY-8-CHLOROACRIDINE DIHYDROCHLORIDE see: UA9120000

(17R,21-alpha)-4-(3-(DIETHYLAMINO)-2-HYDROXYPROPYL)-17,21-DIHYDROXYAJMALANIUM see: AX8154600

3-(DIETHYLAMINO)-2-HYDROXYPROPYL p-(PROPYLAMINO)BENZOATE HYDROCHLORIDE see: DH6512200

N-((DIETHYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA MONOHYDROCHLORIDE see: YS9363500

2-(DIETHYLAMINO)-N-(1-INDANYL)ACETAMIDE HYDROCHLORIDE see: AB7234100

omega-DIETHYLAMINO ISOPROPYL-4 ACETANILIDE CHLORHYDRATE (French) see: AE1974600

2-(DIETHYLAMINO)-4'-ISOPROPYLACETANILIDE MONOHYDROCHLORIDE see: AE1974600

2-(DIETHYLAMINO)-N-(p-ISOPROPYLBENZYL)ACETAMIDE MONOHYDROCHLORIDE see: AB7234140

2-(DIETHYLAMINO)-N-(p-ISOPROPYLBENZYL)-N-METHYLACETAMIDE MONOHYDROCHLORIDE see: AB7234120

2-(DIETHYLAMINO)-N-ISOPROPYL-N-(1-(o-METHOXYPHENOXY)-2-PROPYL)ACETAMIDE HYDROCHLORIDE see: AB7234144

2-(DIETHYLAMINO)-5'-ISOPROPYL-2'-METHYLACETANILIDE HYDROCHLORIDE see: AE1974550

2-(DIETHYLAMINO)-N-(5-ISOPROPYL-2-METHYLBENZYL)ACETAMIDE MONOHYDROCHLORIDE see: AB7234160

2-(DIETHYLAMINO)-N-(5-ISOPROPYL-2-METHYLBENZYL)-N-METHYLACETAMIDE MONOHYDROCHLORIDE see: AB7234150

2-(DIETHYLAMINO)-N-(5-ISOPROPYL-2-METHYLPHENETHYL)ACETAMIDE HYDROCHLORIDE see: AB7234170

2-(DIETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYLBUTYRAMIDE see: ES4311000 BUTYRAMIDE, 2-(DIETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYL-

2-(DIETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)PROPIONAMIDE see: UE3571500PROPIONAMIDE, 2-(DIETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-

omega-DIETHYLAMINO METHYL-4 ACETANILIDE CHLORHYDRATE (French) see: AN3465000

2-(DIETHYLAMINO)-4'-METHYLACETANILIDE MONOHYDROCHLORIDE see: AN3465000

alpha-((DIETHYLAMINO)METHYL)BENZHYDROL see: DC8726350

5-(m-((DIETHYLAMINO)METHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HN9104000

5-(o-((DIETHYLAMINO)METHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HN9104010

5-(p-((DIETHYLAMINO)METHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HN9104020

alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL p-AMINOBENZOATE (ester) HCl HEMIHYDRATE see: DO1340000

alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL BENZOATE (ester) DIETHYLSULFATE see: DO1342000

alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL p-tert-BUTYLBENZOATE (ester) HYDROCHLORIDE see: DO1360000

alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL o-CHLOROBENZOATE (ester) see: DO1361000

alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL o-ETHOXYBENZOATE (ester) see: DO1362000

alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL p-METHOXYBENZOATE (ester) see: DO1363000

alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL o-METHOXYBENZOATE (ester) HYDROCHLORIDE see: DO1364000

alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL p-NITROBENZOATE (ester) HYDROCHLORIDE see: DO1367400

alpha-((DIETHYLAMINO)METHYL)BENZYL ALCOHOL o-TOLUATE (ester) see: DO1367800

2-(DIETHYLAMINO)-N-(o-METHYLBENZYL)-2-PHENYLACETAMIDE HYDROCHLORIDE see: AB7234900

3-((DIETHYLAMINO)METHYL)(1,1'-BIPHENYL)-4-OL see: DV7010000 (1,1'-BIPHENYL)-4-OL, 3-((DIETHYLAMINO)METHYL)-

p-(2-((DIETHYLAMINO)METHYL)BUTOXY)BENZOIC ACID p-METHOXYPHENYL ESTER HYDROCHLORIDE see: DG8546500

6-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-5,8-DIMETHOXY-2,4-DIMETHYL QUINOLINE see: VB4700500

6-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-5,8-DIMETHOXY-2-METHYLQUINOLINE see: VB4701900

6-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-2-METHYL-4,5,8-TRIMETHOXYQUINOLINE see: VB4702500

4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-6-NITROQUINOLINE DIPHOSPHATE see: VB4763000

2-DIETHYLAMINOMETHYL-4-DIETHYL-4H-1,3-BENZOXAZINE HYDROCHLORIDE see: DM3150000

3-((DIETHYLAMINO)METHYL)-2,3-DIHYDRO-5H-1,4-BENZODIOXEPIN-5-ONE HYDROCHLORIDE see: DF4726000

alpha-(2-DIETHYLAMINO-1-METHYLETHYL)BENZYL ALCOHOL CARBANILATE HYDROCHLORIDE see: DO1362500

10-(2-DIETHYLAMINO-2-METHYLETHYL)PHENOTHIAZINE see: SO4900000

8-((DIETHYLAMINO)METHYL)-4'-FLUORO-7-METHOXY-3-METHYLFLAVONE see: LK8290000

3-DIETHYLAMINOMETHYL-4-HYDROXYBIPHENYL see: DV7010000 (1,1'-BIPHENYL)-4-OL, 3-((DIETHYLAMINO)METHYL)-

(17R)-alpha-((DIETHYLAMINO)METHYL)-17-HYDROXY-4,21-SECOAJMALAN-4-ETHANOL see: VS2190000

2-(DIETHYLAMINO)-N-(3-METHYL-5-ISOTHIAZOLYL)PROPIONAMIDE see: UE3571600 PROPIONAMIDE, 2-(DIETHYLAMINO)-N-(3-METHYL-5-ISOTHIAZOLYL)-

2-(DIETHYLAMINO)-N-(3-METHYL-5-ISOXAZOLYL)PROPIONAMIDE see: UE3571700
PROPIONAMIDE, 2-(DIETHYLAMINO)-N-(3-METHYL-5-ISOXAZOLYL)-
2-(DIETHYLAMINO)-N-METHYL-N-(2-MESITYLOXYETHYL)ACETAMIDE HYDROCHLORIDE see: AB7238000
8-((DIETHYLAMINO)METHYL)-7-METHOXY-3-METHYLFLAVONE see: LK8326500
8-((DIETHYLAMINO)METHYL)-7-METHOXY-3-METHYL-2-PHENYLCHROMONE see: LK8326500
5-(DIETHYLAMINO)-1-(p-METHOXYPHENYL)-2-THIOBARBITURIC ACID see: CQ3501600
alpha-((DIETHYLAMINO)METHYL)-p-METHYLBENZYL ALCOHOL BENZOATE (ester) see: DO1365000
alpha-((DIETHYLAMINO)METHYL)-p-METHYLBENZYL ALCOHOL o-ETHOXYBENZOATE (ester) see: DO1366000
alpha-((DIETHYLAMINO)METHYL)-p-METHYLBENZYL ALCOHOL o-METHOXYBENZOATE (ester) see: DO1367000
2-(DIETHYLAMINO)-N-METHYL-N-(2-(m-METHYLPHENOXY)ETHYL)ACETAMIDE HYDROCHLORIDE see: AB7238490
DIETHYLAMINOMETHYLMORPHINE see: QD0780000
8-(DIETHYLAMINO)-3-METHYL-4-OCTYN-3-OL HYDROCHLORIDE see: RI2746000
2-(DIETHYLAMINO)-4-METHYL-1-PENTANOL, p-AMINOBENZOATE ESTER, METHANESULFONATE see: SA8473000
5-(DIETHYLAMINO)-3-METHYL-1-PENTYN-3-OL HYDROCHLORIDE see: SC4855400
2-(DIETHYLAMINOMETHYL)-1-PHENYLCYCLOHEXANOL ACETATE HYDROCHLORIDE see: GV8847000
2-((DIETHYLAMINO)METHYL)PROPIONIC ACID METHYL ESTER HYDROBROMIDE see: UF1514000
O-(2-(DIETHYLAMINO)-6-METHYL-4-PYRIMIDINYL)O,O-DIETHYL PHOSPHOROTHIOATE see: TF1610000
2-DIETHYLAMINO-6-METHYLPYRIMIDIN-4-YL DIETHYLPHOSPHOROTHIONATE see: TF1610000
O-(2-(DIETHYLAMINO)-6-METHYL-4-PYRIMIDINYL)O,O-DIMETHYL PHOSPHOROTHIOATE see: TF1410000
O-(2-DIETHYLAMINO-6-METHYLPYRIMIDIN-4-YL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TF1410000
2-DIETHYLAMINO-6-METHYLPYRIMIDIN-4-YL DIMETHYL PHOSPHOROTHIONATE see: TF1410000
((4-(DIETHYLAMINO)-6-METHYL-2-PYRIMIDINYL)THIO)ACETIC ACID HYDRAZIDE see: AG9605000
((4-(DIETHYLAMINO)-6-METHYL-2-PYRIMIDINYL)THIO)ACETIC ACID HYDRAZIDE see: AG9605100
(4-DIETHYLAMINO-6-METHYL-2-PYRIMIDINYLTHIO)ACETHYDRAZIDE see: AG9605100
7-DIETHYLAMINO-5-METHYL-S-TRIAZOLO(1,5-a)PYRIMIDINE see: XZ5700000
2-(DIETHYLAMINO)-N-METHYL-N-(2,6,6-TRIMETHYLBENZYL)ACETAMIDE HYDROCHLORIDE see: AB7242800
2-(DIETHYLAMINO)-N-(2-NORBORNEN-5-YL)ACETAMIDE HYDROCHLORIDE see: AB7243300
beta-DIETHYLAMINO-p-OCTANOPHENETIDIDE see: RH1550000
2-(DIETHYLAMINO)-N-(o-(OCTYLOXY)BENZYL)ACETAMIDE HYDROCHLORIDE see: AB7243400
2-(DIETHYLAMINO)-N-(p-(OCTYLOXY)BENZYL)ACETAMIDE HYDROCHLORIDE see: AB7243420
4-(2-(DIETHYLAMINO)-2-OXOETHOXY)-3-METHOXYBENZENEACETIC ACID PROPYL ESTER see: AG9625000
3-(2-(DIETHYLAMINO)-2-OXO-3-PHENYL-2,3-DIHYDROBENZOFURAN see: DF7875000
N-DIETHYLAMINO OXYCARBONYLE-3 SPIROLACTONE CHLORHYDRATE (French) see: RP3675200
1-(DIETHYLAMINO)-3-(PENTYLTHIO)-2-PROPANOL HYDROCHLORIDE see: UB1765900 2-PROPANOL, 1-(DIETHYLAMINO)-3-(PENTYLTHIO)-, HYDROCHLORIDE
1-(5-(DIETHYLAMINO)-1-PENTYNYL)CYCLOHEXANOL HYDROCHLORIDE see: GV8849000
2-DIETHYLAMINO-1-(PHENANTHR-3-YL)ETHANOL HYDROCHLORIDE see: KK5650000
beta-(DIETHYLAMINO)PHENETHYL ALCOHOL o-ETHOXYBENZOATE (ester) see: SG7887000
beta-(DIETHYLAMINO)PHENETHYL ALCOHOL o-METHOXYBENZOATE (ester) see: SG7890000
2-(DIETHYLAMINO)-N-(o-(PHENETHYLOXY)BENZYL)ACETAMIDE HYDROCHLORIDE see: AB7243600
DIETHYL m-AMINO-PHENOLPHTHALEIN HYDROCHLORIDE see: BP3675000
2-(DIETHYLAMINO)-N-(2-PHENOXYETHYL)ACETAMIDE HYDROCHLORIDE see: AB7243700
4-((4-(DIETHYLAMINO)PHENYL)AZO)PYRIDINE 1-OXIDE see: US8750000
2-(DIETHYLAMINO)-6-PHENYL-4H-1-BENZOPYRAN-4-ONE see: GB7937000
2-(DIETHYLAMINO)-8-PHENYL-4H-1-BENZOPYRAN-4-ONE see: GB7937010
4-DIETHYLAMINO-2-PHENYLBUTYRAMIDE OXALATE see: ES4312000
4-DIETHYLAMINO-2-PHENYLBUTYRONITRILE OXALATE see: ET9450000
2-(DIETHYLAMINO)-6-PHENYLCHROMONE see: GB7937000
2-(DIETHYLAMINO)-8-PHENYLCHROMONE see: GB7937010
2-(p-DIETHYLAMINOPHENYL)-1,3,2-DITHIARSENOLANE see: JO5700000
2-(1-DIETHYLAMINO-3-PHENYLPROPYL) CARBANILATE HYDROCHLORIDE see: SG7895000
4-(DIETHYLAMINO)-1-PHENYL-1-(2-THIENYL)-3-BUTEN-2-ONE MALEATE see: EM9880000
4-(DIETHYLAMINO)-1-PHENYL-1-(2-THIENYL)-2-BUTYN-1-OL see: ES0775600
4-(4-DIETHYLAMINOPHENYL)-3-THIOSEMICARBAZIDE see: VT3276500
p-(2-(DIETHYLAMINO)PROPIONAMIDO)BENZOIC ACID ETHYL ESTER HYDROCHLORIDE see: DG8555400BENZOIC ACID, p-(2-(DIETHYLAMINO)PROPIONAMIDO)-, ETHYL ESTER, HYDROCHLORIDE
10-(alpha-DIETHYLAMINOPROPIONYL)PHENOTHIAZINE see: SO4150000
10-DIETHYLAMINOPROPIONYL-3-TRIFLUOROMETHYL PHENOTHIAZINE HYDROCHLORIDE see: SO4700000
alpha-((3-(DIETHYLAMINO)PROPOXY)METHYL)BENZYL ALCOHOL see: DO1370000
3-DIETHYLAMINOPROPYL-5-ACETYL GENTISATE HYDROCHLORIDE see: LY3854200
N-(3-DIETHYLAMINOPROPYL)AMINE see: TX7350000
N,N-DIETHYLAMINOPROPYLAMINE see: TX7350000
3-(DIETHYLAMINO)PROPYLAMINE see: TX7350000
3-(DIETHYLAMINO)PROPYLAMINE (DOT) see: TX7350000
1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5,11-DIMETHYL-9-HYDROXY-6H-PYRIDO(4,3-b)CARBAZOLE see: UU8880000
1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5,6-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL see: UU8878000
1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL see: UU8880000
1-((3-(DIETHYLAMINO)PROPYL)AMINO)-9-METHOXY-5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE see: EX7387000
1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5-METHYL-9-HYDROXY-6H-PYRIDO(4,3-b)CARBAZOLE see: UU8865000
1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5-METHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL see: UU8885000
10-((3-(DIETHYLAMINO)PROPYL)AMINO)-6-METHYL-5H-PYRIDO(3',4',4,5)PYRROLO(2,3-g)ISOQUINOLINE see: TX7388500
4-((3-(DIETHYLAMINO)PROPYL)AMINO)-6-NITROQUINOLINE DIPHOSPHATE see: VB4780000
1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5,6,11-TRIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL HYDRATE see: UU8886000
3-DIETHYLAMINOPROPYL-5-BENZOYL GENTISATE HYDROCHLORIDE see: LY3854300
gamma-DIETHYLAMINOPROPYL CUMATE HYDROCHLORIDE see: DH3142000
2-DIETHYLAMINO-1-PROPYL-N-DIBENZOPARATHIAZINE see: SO4900000
1'-(3-(DIETHYLAMINO)PROPYL)-3,4-DIHYDROSPIRO(NAPHTHALENE-1(2H),3'-PYRROLIDINE)-2',5'-DIONE see: WH1317150
N-(3-(DIETHYLAMINO)PROPYL)-2',6'-DIMETHYLCINNAMANILIDE see: GD7479000
N-(3-(DIETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2-PHENYLACETANILIDE see: AE2062000
3-DIETHYLAMINOPROPYL GENTISATE HYDROCHLORIDE see: LY3854500
10-(N-(3-(DIETHYLAMINO)PROPYL)GLYCYL)PHENOTHIAZINE DIMALEATE see: SO4925000
N-(3-(DIETHYLAMINO)PROPYL)-p-HYDROXYBENZAMIDE see: CV4239000
3-(3-(DIETHYLAMINO)PROPYL)-5-ISOBUTYL-2-THIOHYDANTOIN see: MU0962000
3-(3-(DIETHYLAMINO)PROPYL)-5-ISOPROPYL-2-THIOHYDANTOIN see: MU0962500
3-DIETHYLAMINOPROPYL 5-METHOXYSALICYLATE HYDROCHLORIDE see: BZ4871000
3-(3-DIETHYLAMINO2PROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: KJ6262900
3-(3-(DIETHYLAMINO)PROPYL)-2-METHYLINDOLIZINE see: NM2765000
3-(3-(DIETHYLAMINO)PROPYL)-5-METHYL-2-THIOHYDANTOIN HYDROCHLORIDE see: MU0963000
4-(gamma-(DIETHYLAMINO)PROPYL)OXYDIPHENYLETHANE see: UI0901010
4-(gamma-DIETHYLAMINOPROPYL)OXYSTILBENE see: UI0960100
10-(2-DIETHYLAMINOPROPYL)PHENOTHIAZINE see: SO4900000
3-(3-DIETHYLAMINOPROPYL)-2-PHENYL-4-THIAZOLIDINONE HYDROCHLORIDE see: KJ6263000
N-(gamma-DIETHYLAMINOPROPYL)-1,2,3,4-TETRAHYDRONAPHTHALENE-1-SPIROSUCCINIMIDE HYDROCHLORIDE see: WH1317150
3-(3-(DIETHYLAMINO)PROPYL)-2-THIOHYDANTOIN HYDROCHLORIDE see: MU0964000
DIETHYLAMINO STILBENE see: WJ3825000
2-(DIETHYLAMINO)-3'-(TRIFLUOROMETHYL)PROPIONANILIDE see: UE4932000
2-(DIETHYLAMINO)-2',4',6'-TRIMETHYLACETANILIDE see: AE2075000
2-DIETHYLAMINO-2',4',6'-TRIMETHYLACETANILIDE see: AE2100000
2-(DIETHYLAMINO)-N-(2,4,6-TRIMETHYLBENZYL)ACETAMIDE HYDROCHLORIDE see: AB7306000
2-(DIETHYLAMINO)-2',4',6'-TRIMETHYLBUTYRANILIDE see: ES5239000
DIETHYLAMINOTRIMETHYLENAMINE see: TX7350000
2-(DIETHYLAMINO)-2',4',6'-TRIMETHYLPROPIONANILIDE see: UE4935000
3-(DIETHYLAMINO)-2',4',6'-TRIMETHYLPROPIONANILIDE see: UE4936000
2-(DIETHYLAMINO)-2',4',6'-TRIMETHYLVALERONANILIDE see: YV8186000
N-DIETHYLAMMONIUM p-AMINOBENZOATE see: DG1950000
DIETHYLAMMONIUM CHLORIDE see: IA3084000
DIETHYLAMMONIUM CYCLOHEXADIEN-4-OL-1-ONE-4-SULFONATE see: DB6145000
DIETHYLAMMONIUM 2,5-DIHYDROXYBENZENESULFONATE see: DB6145000
DIETHYLANDIAMINE see: UT1575000
DIETHYL ANILIDOPHOSPHATE see: TB3964000
DIETHYL ANILIDOTHIOPHOSPHATE see: TB5963000
N,N-DIETHYLANILIN (Czech) see: BX3400000
DIETHYLANILINE see: BX3400000
N,N-DIETHYLANILINE see: BX3400000
2,6-DIETHYL ANILINE see: BX3500000
N,N-DIETHYLANILINE (DOT) see: BX3400000
1,1-DIETHYLDIETHYLENETRIAMINE mixed with SODIUM NITRITE see: IE1193000
N,N-DIETHYL-p-ARSANILIC ACID see: CF9496000
DIETHYL ARSINIC ACID see: CH7325000
DI-O-ETHYL AZIDOTHIOPHOSPHATE see: TB6180000
DIETHYLAZOBISISOBUTYRATE see: UE7398000
DIETHYLBARBITONE see: CQ3500000
DIETHYLBARBITURATE MONOSODIUM see: CQ3850000
DIETHYL-BARBITURIC ACID see: CQ3500000
5,5-DIETHYLBARBITURIC ACID see: CQ3500000
5,5-DIETHYLBARBITURIC ACID SODIUM deriv. see: CQ3850000
N,N-DIETHYLBENZAMIDE see: CV4202000
6,8-DIETHYLBENZ(a)ANTHRACENE see: CW1725000
8,12-DIETHYLBENZ(a)ANTHRACENE see: CW1775000
9,10-DIETHYL-1,2-BENZANTHRACENE see: CW1750000
DIETHYLDITHIOCARBAMIC ACID ANHYDROSULFIDE with DIMETHYLTHIOCARBAMIC ACID see: EZ4800000
DIETHYL BENZENE see: CZ5600000
DIETHYLBENZENE (DOT) see: CZ5600000
N,N-DIETHYL-2H-1-BENZOPYRAN-3-CARBOXAMIDE see: DJ2260250
DIETHYL 4-(BENZOTHIAZOL-2-YL)BENZYLPHOSPHONATE see: SZ6576000
O,O-DIETHYL S-BENZYL THIOPHOSPHATE see: TB6500000
meso-alpha,alpha'-DIETHYLBIBENZYL-4,4'-DISULFONIC ACID DIPOTASSIUM SALT see: DT4391250
1,2-DIETHYL-1,3-BIS-(p-METHOXYPHENYL)-1-PROPENE see: MP6975000
O,O-DIETHYL-O-(4-BROOM-2,5-DICHLOOR-FENYL)-MONOTHIOFOSFAAT (Dutch) see: TE7000000
DI-2-(2-ETHYLBUTOXY)ETHYL ADIPATE see: AU9625000
DI(2-ETHYLBUTYL) ADIPATE see: AU9650000
DIETHYLCARBAMAZANE CITRATE see: TL1225000
DIETHYLCARBAMAZINE ACID CITRATE see: TL1225000
DIETHYLCARBAMAZINE CITRATE see: TL1225000
DIETHYLCARBAMAZINE HYDROCHLORIDE see: TL1240000 1-PIPERAZINECARBOXAMIDE, N,N-DIETHYL-4-METHYL-, HYDROCHLORIDE
DIETHYLCARBAMAZINE HYDROGEN CITRATE see: TL1225000
DIETHYLCARBAMODITHIOIC ACID 2-CHLORO-2-PROPENYL ESTER see: EZ5075000
DIETHYLCARBAMODITHIOIC ACID, SODIUM SALT see: EZ6475000
DIETHYLCARBAMOYL CHLORIDE see: FD4025000
N,N-DIETHYLCARBAMOYL CHLORIDE see: FD4025000
(p-((DIETHYLCARBAMOYL)METHOXY)-3-METHOXYPHENYL)ACETIC ACID PROPYL ESTER see: AG9625000
(4-((DIETHYLCARBAMOYL)METHOXY)-3-METHOXYPHENYL)ACETIC ACID PROPYL ESTER see: AG9625000
17-beta-N,N-DIETHYLCARBAMOYL-4-METHYL-4-AZA-5-alpha-ANDROSTAN-3-ONE see: CL5200000
((DIETHYLCARBAMOYL)METHYL)DIETHYL((MESITYLCARBAMOYL)METHYL)AMMONIUM CHLORIDE see: BP6845000
1-DIETHYLCARBAMOYL-4-METHYLPIPERAZINE DIHYDROGEN CITRATE see: TL1225000
3-(DIETHYLCARBAMOYL)-1-METHYLPYRIDINIUM CHLORIDE see: UU3874650
3-(DIETHYLCARBAMOYL)-1-METHYLPYRIDINIUM 2-OXO-3-BORNANESULFONATE see: UU3874700
1-(N-(p-(DIETHYLCARBAMOYL)PHENYL)AMIDINO)UREA MONOHYDROCHLORIDE see: YS9368000
3-(N,N-DIETHYLCARBAMOYL)PIPERIDINE see: QU1920000
DIETHYLCARBAMYL CHLORIDE see: FD4025000
2-(N,N-DIETHYL-CARBAMYLMETHYL)-AMINOMETHYL-1,4-BENZODIOXANE see: AB4542470
1-(N,N-DIETHYLCARBAMYLMETHYL)-2,4-DINITROPYRROLE see: UX9276000
1-DIETHYLCARBAMYL-4-METHYLPIPERAZINE HYDROCHLORIDE see: TL1240000
DIETHYL CARBINOL see: SA5075000
DIETHYLCARBINOL (DOT) see: SA5075000
DIETHYL CARBITOL see: KN3160000
O,O-DIETHYL S-CARBOETHOXYMETHYL DITHIOPHOSPHATE see: AI6825000
O,O-DIETHYL S-CARBOETHOXYMETHYL PHOSPHORODITHIOATE see: AI6825000
DIETHYL CARBONATE see: FF9800000
DIETHYL CARBONATE (DOT) see: FF9800000
16-beta-N-DIETHYLCARBOXAMIDE-3-beta-ACETOXY-delta(sup 5)-(17-alpha)-ISOPREGNENE-20-ONE see: TU4550000
(-)-2-(N,N-DIETHYLCARBOXAMIDO)-3-BENZOXYTROPANE HYDROCHLORIDE see: YM2781500
DIETHYL CELLOSOLVE see: KI1225000
DIETHYL CELLOSOLVE (DOT) see: KI1225000
DIETHYLCETONE (French) see: SA8050000
O,O-DIETHYL O-(2-CHINOXALYL)-PHOSPHORTHIOATE see: TF6125000
O,O-DIETHYL-S-(4-CHLOOR-FENYL-THIO)-METHYL)-DITHIOFOSFAAT (Dutch) see: TD5250000
O,O-DIETHYL-O-(3-CHLOOR-4-METHYL-CUMARIN-7-YL)MONOTHIOFOSFAAT (Dutch) see: GN6300000
O,O-DIETHYL S-((6-CHLOOR-2-OXO-BENZOXAZOLIN-3-YL)-METHYL)-DITHIOFOSFAAT (Dutch) see: TD5175000
O,O-DIETHYL S-p-CHLORFENYLTHIOMETHYLESTER KYSELINY DITHIOFOSFORECNE (Czech) see: TD5250000
DIETHYLCHLOROALUMINUM see: BD0558000
O,O-DIETHYL S-(6-CHLOROBENZOXAZOLINYL-3-METHYL) DITHIOPHOSPHATE see: TD5175000
O,O-DIETHYL O-(2-CHLORO-1-(2',4'-DICHLOROPHENYL)VINYL) PHOSPHATE see: TB8750000
O,O-DIETHYL O-(2-CHLORO-1-2,5-DICHLOROPHENYLVINYL) PHOSPHOROTHIOATE see: TE7525000
DIETHYL(2-CHLOROETHYL)AMINE see: YE0700000
DIETHYL beta-CHLOROETHYLAMINEHYDROCHLORIDE see: YE1050000

DIETHYL 3-CHLORO-4-METHYL-7-COUMARINYL PHOSPHATE see: GN5950000
O,O-DIETHYL O-(3-CHLORO-4-METHYLCOUMARIN-7-YL) PHOSPHATE see: GN5950000
O,O-DIETHYL O-(3-CHLORO-4-METHYL-7-COUMARINYL)PHOSPHOROTHIOATE see: GN6300000
O,O-DIETHYL O-(3-CHLORO-4-METHYLCOUMARINYL-7) THIOPHOSPHATE see: GN6300000
O,O-DIETHYL O-(3-CHLORO-4-METHYL 2-OXO-2H-BENZOPYRAN-7-YL)PHOSPHOROTHIOATE see: GN6300000
S,S-DIETHYL(CHLOROMETHYL)PHOSPHONODITHIOATE see: TA4250000
O,O-DIETHYL 3-CHLORO-4-METHYL-7-UMBELLIFERONE THIOPHOSPHATE see: GN6300000
O,O-DIETHYL O-(3-CHLORO-4-METHYLUMBELLIFERYL)PHOSPHOROTHIOATE see: GN6300000
DIETHYL 3-CHLORO-4-METHYLUMBELLIFERYL THIONOPHOSPHATE see: GN6300000
O,O-DIETHYL S-((6-CHLORO-2-OXOBENZOXAZOLIN-3-YL)METHYL) PHOSPHORODITHIOATE see: TD5175000
O,O-DIETHYL-S-(6-CHLORO-2-OXO-BENZOXAZOLIN-3-YL)METHYL-PHOSPHOROTHIOLOTHIONATE see: TD5175000
O,O-DIETHYL p-CHLOROPHENYLMERCAPTOMETHYL DITHIOPHOSPHATE see: TD5250000
DIETHYL 4-CHLOROPHENYL PHOSPHATE see: TB8813000
O,O-DIETHYL S-p-CHLOROPHENYLTHIOMETHYL DITHIOPHOSPHATE see: TD5250000
O,O-DIETHYL S-(4-CHLOROPHENYLTHIOMETHYL) DITHIOPHOSPHATE see: TD5250000
O,O-DIETHYL S-(p-CHLOROPHENYLTHIOMETHYL) PHOSPHORODITHIOATE see: TD5250000
O,O-DIETHYL S-(2-CHLORO-1-PHTHALIMIDOETHYL)PHOSPHORODITHIOATE see: TD5165000
N,N-DIETHYL-2-(6-(3-CHLOROPYRIDAZINYL)MERCAPTO)ACETAMIDE see: AB5836500
N,N-DIETHYL-2-(6-(3-CHLOROPYRIDAZINYL)THIO)ACETAMIDE see: AB5836500
DIETHYLCHLOROTHIOPHOSPHATE see: TD1780000 PHOSPHOROCHLORIDOTHIOIC ACID, O,O-DIETHYL ESTER
DIETHYLCHLORTHIOFOSFAT (Czech) see: TD1780000
N N-DIETHYL-3-COUMARINCARBOXAMIDE see: DJ2260250 2H-1-BENZOPYRAN-3-CARBOXAMIDE, N,N-DIETHYL2-OXO-
O,O-DIETHYL-S-((2-CYAAN-2-METHYL ETHYL)-CARBAMOYL)-METHYL-MONOTHIOFOSFAAT (Dutch) see: TE8750000
O,O-DIETHYL-S-N-(α-CYANOISOPROPYL)CARBOMOYLMETHYL PHOSPHOROTHIOATE see: TE8750000
P,P-DIETHYL CYCLIC ETHYLENE ESTER of PHOSPHONODITHIOIMIDOCARBONIC ACID see: NJ6475000
P,P-DIETHYL CYCLIC PROPYLENE ESTER of PHOSPHONODITHIOIMIDOCARBONIC ACID see: JP1050000
3,3-DIETHYL-CYCLOBUTANECARBOXYLIC ACID see: GU1345500
N,N-DIETHYL-3-CYCLOHEXENE-1-METHYLAMINE HYDROCHLORIDE see: GW6326000
DIETHYL-alpha-CYCLOHEXYLETHYLAMINE HYDROCHLORIDE see: GV1420000
DIETHYL-beta-CYCLOPENTYLETHYLAMINE HYDROCHLORIDE see: GY4480000
DIETHYLCYSTEAMIN see: KJ0525000 ETHANETHIOL, 2-(DIETHYLAMINO)-
N-DIETHYL CYSTEAMINE see: KJ0525000
N,N-DIETHYL-CYSTEAMINE see: KJ0525000
DIETHYL DECANEDIOATE see: VS1180000
DIETHYL 1,10-DECANEDIOATE see: VS1180000
N,N-DIETHYL-1,3-DIAMINOPROPANE see: TX7350000
O,O-DIETHYL-O-(2,4-DICHLOOR-FENYL)-MONOTHIOFOSFAAT (Dutch) see: TF0350000
O,O-DIETHYL O-2,5-DICHLORO-4-BROMOPHENYL-PHOSPHOROTHIOATE see: TE7000000
O,O-DIETHYL O-(2,5-DICHLORO-4-BROMOPHENYL) THIOPHOSPHATE see: TE7000000
O,O-DIETHYL-O-2,4,5-DICHLORO-(METHYLTHIO)PHENYL THIONOPHOSPHATE see: TF1590000
DIETHYL 1-(2,4-DICHLOROPHENYL)-2-CHLOROVINYL PHOSPHATE see: TB8750000
O,O-DIETHYL O-(2,4-DICHLOROPHENYL) PHOSPHOROTHIOATE see: TF0350000
DIETHYL 2,4-DICHLOROPHENYL PHOSPHOROTHIONATE see: TF0350000
N,N-DIETHYL-(5-(2,4-DICHLOROPHENYL)-4-THIAPENTYL)AMINE HYDROCHLORIDE see: UI0674200
O,O-DIETHYL S-(2,5-DICHLOROPHENYLTHIOMETHYL) DITHIOPHOSPHATE see: TD5775000
O,O-DIETHYL-S-(2,5-DICHLOROPHENYLTHIOMETHYL) DITHIOPHOSPHORAN see: TD5775000
O,O-DIETHYL S-(2,5-DICHLOROPHENYLTHIOMETHYL) PHOSPHORODITHIOATE see: TD5775000
O,O-DIETHYL S-(3,4-DICHLOROPHENYL-THIO)METHYL PHOSPHOROTHIOATE see: TD5950000
O,O-DIETHYL S-(2,5-DICHLOROPHENYLTHIOMETHYL) PHOSPHOROTHIOLOTHIONATE see: TD5775000
O,O-DIETHYL O-2,4-DICHLOROPHENYL THIOPHOSPHATE see: TF0350000
DIETHYLDICHLOROSILANE see: VV3060000
DIETHYLDICHLOROSILANE (DOT) see: VV3060000
DIETHYLDICHLOROSTANNANE see: WH7200000
O,O-DIETHYL Se-(2-DIETHYLAMINOETHYL)PHOSPHOROSELENOATE see: TE6400000
DIETHYL S-2-DIETHYLAMINOETHYL PHOSPHOROTHIOATE see: TF0525000
O,O-DIETHYL S-2-DIETHYLAMINOETHYL PHOSPHOPOTHIOATE see: TF0525000
O,O-DIETHYL-S-(2-DIETHYLAMINO)ETHYLPHOSPHOROTHIOATE HYDROGEN OXALATE see: TF1400000
O,O-DIETHYL S-DIETHYLAMINOETHYL PHOSPHOROTHIOLATE see: TF0525000
O,O-DIETHYL S-(beta-DIETHYLAMINO)ETHYL PHOSPHOROTHIOLATE see: TF0525000
O,O-DIETHYL S-2-DIETHYLAMINOETHYL PHOSPHOROTHIOLATE see: TF0525000
O,O-DIETHYL S-(beta-DIETHYLAMINO)ETHYL PHOSPHOROTHIOLATE HYDROGEN OXALATE see: TF1400000
O,O-DIETHYL S-(2-DIETHYLAMINOETHYL) THIOPHOSPHATE see: TF0525000
1,3-DIETHYL-2-(2-(DIETHYLAMINO)ETHYL)-2-THIOPSEUDOUREA DIHYDROBROMIDE see: UM2500000PSEUDOUREA, 1,3-DIETHYL-2-(2-(DIETHYLAMINO)ETHYL)-2-THIO-, DIHYDROBROMIDE
O,O-DIETHYL O-(2-DIETHYLAMINO-6-METHYL-4-PYRIMIDINYL)PHOSPHOROTHIOATE see: TF1610000
2,2'-DIETHYLDIMEXYLAMINE see: IH6825000
O,O-DIETHYL (1,2-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)PHOSPHONOTHIOATE see: TB2050000
5,5-DIETHYLDIHYDRO-2H-1,3-OXAZINE-2,4(3H)-DIONE see: RP6300000
O,O-DIETHYL O-(2,3-DIHYDRO-3-OXO-2-PHENYL-6-PYRIDAZINYL)PHOSPHOROTHIOATE see: TF2275000
3,3-DIETHYL-1-((3,4-DIHYDROXYBENZYLIDENE)AMINO)-5-METHYL-2,4-PIPERIDINEDIONE see: TM7346000
DIETHYL N-(2-(3,4-DIMETHOXYPHENYL)ETHYL) PHOSPHORAMIDATE see: TB2822000
DIETHYL (DIMETHOXYPHOSPHINOTHIOYLTHIO) BUTANEDIOATE see: WM8400000
DIETHYL (DIMETHOXYPHOSPHINOTHIOYLTHIO)SUCCINATE see: WM8400000
alpha,alpha'-DIETHYL-4,4'-DIMETHOXYSTILBENE see: WJ5400000
trans-alpha,alpha'-DIETHYL-4,4'-DIMETHOXYSTILBENE see: WJ5400000
3',4'-DIETHYL-4-DIMETHYLAMINOAZOBENZENE see: BX3675000
1,3-DIETHYL-2-(2-(DIMETHYLAMINO)ETHYL)-2-THIOPSEUDOUREA DIHYDROBROMIDE see: UM2600000PSEUDOUREA, 1,3-DIETHYL-2-(2-(DIMETHYLAMINO)ETHYL)-2-THIO-, DIHYDROBROMIDE
2,3-DIETHYL-8-(DIMETHYLAMINO)METHYL-7-HYDROXYCHROMONE HYDROCHLORIDE see: GB7945000
8,8-DIETHYL-N,N-DIMETHYL-2-AZA-8-GERMASPIRO(4.5)DECANE-2-PROPANAMINE see: CL7618500
DIETHYL (4,5-DIMETHYL-1,3-DITHIOLAN-2-YLIDENE)PHOSPHORAMIDATE see: NJ6410000
O,O-DIETHYL (4,5-DIMETHYL-1,3-DITHIOLAN-2-YLIDENE)PHOSPHORAMIDOTHIOATE see: NJ6380000
N,N-DIETHYL-N,3-DIMETHYL 3-HYDROXY-4-PENTYN-1-AMINIUM IODIDE see: SC4682000
N,N-DIETHYL-7,7-DIMETHYL-2-OXO-1-NORBORNANECARBOXAMIDE see: RB6975500
N,N-DIETHYL-2,4-DINITROPYRROLE-1-ACETAMIDE see: UX9276000
N,N'-DIETHYL-N,N'-DINITROSOETHYLENEDIAMINE see: KV3675000
N(sup 3),N(sup 3)-DIETHYL-2,4-DINITRO-6-(TRIFLUOROMETHYL)-1,3-BENZENEDIAMINE see: XS9990000
3,3-DIETHYL-2,4-DIOXO-5-METHYLPIPERIDINE see: TM7350000
DIETHYL-DIPHENYL DICHLOROETHANE see: KH5790000
1,1-DIETHYL-4-(3,3-DIPHENYLPROPIONYL)PIPERAZINIUM IODIDE see: TM3154300
DIETHYLDITHIO BIS(THIONOFORMATE) see: LQ7700000
DIETHYLDITHIOCARBAMATE SODIUM see: EZ6475000
DIETHYLDITHIOCARBAMIC ACID 2-CHLOROALLYL ESTER see: EZ5075000
DIETHYLDITHIOCARBAMIC ACID 2-PYRIDYLMETHYL ESTER see: EZ5900000
DIETHYLDITHIOCARBAMIC ACID SODIUM see: EZ6475000
DIETHYLDITHIOCARBAMIC ACID, SODIUM SALT see: EZ6475000
DIETHYLDITHIO CARBAMIC ACID TELLURIUM SALT see: WY2950000
DIETHYLDITHIOCARBAMIC ACID TRIMETHYLSILYL ESTER see: EZ6840000
DIETHYLDITHIOCARBAMIC ACID ZINC SALT see: ZH0350000
O,O-DIETHYL 1,3-DITHIOLAN-2-YLIDENEPHOSPHORAMIDOTHIOATE see: NJ6400000
DIETHYL N-1,3-DITHIOLANYL-2-IMINO PHOSPHATE see: NJ6400000
O,O-DIETHYL DITHIOPHOSPHORIC ACID p-CHLOROPHENYLTHIOMETHYL ESTER see: TD5250000
O,O-DIETHYLDITHIOPHOSPHORYLACETIC ACID, N-MONOISOPROPYLAMIDE see: TD8225000
3-DIETHYLDITHIOPHOSPHORYLMETHYL-6-CHLOROBENZOXAZOLONE-2 see: TD5175000
DIETHYL DIXANTHOGEN see: LQ7700000
1,4-DIETHYLENEDIAMINE see: TK7800000
N,N-DIETHYLENE DIAMINE (DOT) see: TK7800000
DIETHYLENE DIOXIDE see: JG8225000
1,4-DIETHYLENE DIOXIDE see: JG8225000
DIETHYLENE ETHER see: JG8225000

ID5950000 DIETHYLENE GLYCOL

UPDT:8412 CAS: 111-46-6 MW: 106.14 MOLFM: C4-H10-O3
SYN: BIS(2-HYDROXYETHYL) ETHER * BRECOLANE NDG * CARBITOL * DEACTIVATOR E * DEACTIVATOR H * DEG * DICOL * DIGLYCOL * beta,beta'-DIHYDROXYDIETHYL ETHER * DISSOLVANT AFV * ETHANOL, 2,2'-OXYDI- * ETHYLENE DIGLYCOL * GLYCOL ETHER * GLYCOL ETHYL ETHER * 3-OXAPENTANE-1,5-DIOL * 3-OXA-1,5-PENTANEDIOL * 2,2'-OXYBISETHANOL * 2,2'-OXYDIETHANOL * TL4N

IRRITATION DATA AND REFERENCES:

	skn-hmn 112 mg/3D-I MLD	85DKAB -,127,77
	eye-rbt 50 mg MLD	JPETAB 42,355,31

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:50 gm/kg (1-20D preg)	OYYAA2 27,801,84

TUMORIGENIC DATA AND REFERENCES:

3V01M60M04	orl-rat TDLo:890 gm/kg/53W-C	JIHTAB 28,40,46

TOXICITY DATA AND REFERENCES:

	orl-hmn LD50:1000 mg/kg	JIHTAB 21,173,39
	orl-rat TDLo:13500 mg/kg	OYYAA2 27,801,84
	ivn-rat LD50:6565 mg/kg	NPIRI* 1,25,74
	orl-mus LD50:23700 mg/kg	FEPRA7 4,142,45
	ihl-mus LCLo:1.0 mg/m3/2H	GTPZAB 10(12),30,66
3J16M04P27	ipr-mus LD50:9719 mg/kg	FEPRA7 6,342,47
	scu-mus LDLo:5 gm/kg	JPETAB 42,355,31
	orl-dog LD50:9000 mg/kg	JPETAB 67,101,39
	orl-cat LD50:3300 mg/kg	JIHTAB 21,173,39
	skn-rbt LD50:11890 mg/kg	NPIRI* 1,24,74
	ivn-rbt LD50:2000 mg/kg	JPETAB 59,93,37
	orl-gpg LD50:7800 mg/kg	FEPRA7 4,142,45

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65; ADCSAJ 13,271,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIETHYLENE GLYCOL, BIS(ALLYL CARBONATE) see: FG2080000
DIETHYLENE GLYCOL n-BUTYL ETHER see: KJ9100000
DIETHYLENE GLYCOL DIACRYLATE see: AS9450000

ID6475000 DIETHYLENE GLYCOL, DI(3-AMINOPROPYL) ETHER

UPDT:8307 CAS: 4246-51-9 MW: 220.36 MOLFM: C10-H24-N2-O3
SYN: DI(3-AMINOPROPYL) ETHER of DIETHYLENE GLYCOL * 1-PROPANAMINE, 3,3'-(OXYBIS(2,1-ETHANEDIYLOXY))BIS-

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:4290 mg/kg	AIHAAP 30,470,69
	skn-rbt LD50:2500 mg/kg	AIHAAP 30,470,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DIETHYLENEGLYCOLDIBUTYL ETHER see: KN0350000
DIETHYLENE GLYCOL DI-n-BUTYL ETHER see: KN0350000
DIETHYLENE GLYCOL DIETHYL ETHER see: KN3160000

ID6825000 DIETHYLENE GLYCOL, DINITRATE

UPDT:8312 CAS: 693-21-0 MW: 196.14 MOLFM: C4-H8-N2-O7
SYN: BIS(HYDROXYAETHYL)-AETHER-DINITRAT (German) * DIETHYLENE GLYCOL DINITRATE (DOT) * DIETHYLENEGLYCOL DINITRATE, containing at least 25% phlegmatizer (DOT) * DIETHYLENGLYKOLDINITRATE (Czech) * DIGLYCOLDINITRAAT (Dutch) * DIGLYCOL (DINITRATE DE) (French) * DIGLYKOLDINITRAT (German) * DI(HYDROXYETHYL) ETHER DINITRATE * DINITRATE DE DIETHYLENE GLYCOL (French) * DINITRODIGLICOL (Italian) * DINITRODIGLYKOL (Czech) * UN 0075 (DOT)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:777 mg/kg	28ZPAK -,116,72

STANDARDS & REGULATIONS:

★ DOT-HAZARD FORBIDDEN	CFRGBR 49,172.101,82
★ DOT-IMO-CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DIETHYLENE GLYCOL DINITRATE (DOT) see: ID6825000
DIETHYLENEGLYCOL DINITRATE, containing at least 25% phlegmatizer (DOT) see: ID6825000
DIETHYLENE GLYCOL DIVINYL ETHER see: KN3850000
DIETHYLENE GLYCOL ETHYL ETHER see: KK8750000
DIETHYLENE GLYCOL n-HEXYL ETHER see: KL2625000
DIETHYLENE GLYCOL METHYL ETHER see: KL6125000
DIETHYLENE GLYCOL MONOBUTYL ETHER see: KJ9100000
DIETHYLENE GLYCOL, MONOBUTYL ETHER, ACETATE see: KJ9275000
DIETHYLENE GLYCOL MONOETHYL ETHER see: KK8750000
DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE see: KK8925000
DIETHYLENE GLYCOL MONOHEXYL ETHER see: KL2625000
DIETHYLENE GLYCOL, MONO(HYDROGEN MALEATE) see: ON2300000
DIETHYLENE GLYCOL MONOISOBUTYL ETHER see: KL4025000
DIETHYLENE GLYCOL MONOMETHYL ETHER see: KL6125000
DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE see: KL6300000
DIETHYLENEGLYCOL MONO-2-METHYLPENTYL ETHER see: KL7875000
DIETHYLENE GLYCOL MONOPHENYL ETHER see: KM0875000
DIETHYLENE GLYCOL MONOSTEARATE see: WI4025000
DIETHYLENE GLYCOL MONOVINYL ETHER see: KM5495500
DIETHYLENE GLYCOLPHENYL ETHER see: KM0875000
DIETHYLENE GLYCOL STEARATE see: WI4025000
DIETHYLENE GLYCOL, monoester with STEARIC ACID see: WI4025000
DIETHYLENEGLYCOL VINYL ETHER see: KM5495500 ETHANOL, 2-(2-(VINYLOXY)ETHOXY)-
DIETHYLENEIMIDE OXIDE see: QD6475000
DIETHYLENE IMIDOXIDE see: QD6475000
DIETHYLENEIMINE-AMIDOTHIOPHOSPHORIC ACID see: SZ5990100
N,N'-DI-(beta-ETHYLENEIMINO-ETHYL)OXAMIDE see: RO5300000
DI-(gamma-ETHYLENEIMINOPROPYL)AMINE see: JL9384000
N,N'-DIETHYLENEMORPHOLINOPHOSPHINOTHIOIC DIAMIDE see: SZ2530000
DIETHYLENE OXAPENTAMETHYLENETHIOPHOSPHORAMIDE see: SZ2530000
N,N'-DIETHYLENE-N'-(3-OXAPENTAMETHYLENE)PHOSPHOROTHIOIC TRIAMIDE see: SZ2530000
DI(ETHYLENE OXIDE) see: JG8225000
DIETHYLENE OXIDE see: LU5950000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

DIETHYLENE OXIMIDE see: QD6475000
1,3-DI(ETHYLENESULPHAMOYL)PROPANE see: TX2900000

IE1225000 DIETHYLENETRIAMINE
UPDT:8407 CAS: 111-40-0 MW: 103.20 MOLFM: C4-H13-N3
SYN: AMINOETHYLETHANDIAMINE * 3-AZAPENTANE-1,5-DIAMINE * BIS(2-AMINOETHYL)AMINE * BIS(beta-AMINOETHYL)AMINE * DETA * 2,2'-DIAMINODIETHYLAMINE * DIETHYLAMINE, 2,2'-DIAMINO- * DIETHYLENETRIAMINE (DOT) * ETHYLAMINE, 2,2'-IMINOBIS- * ETHYLENEDIAMINE, N-(2-AMINOETHYL)- * UN 2079 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV — JIHTAB 31,60,49
skn-rbt 500 mg open MOD — UCDS** 12/30/71
skn-rbt 500 mg — IYKEDH 6,170,75
eye-rbt 750 ug open SEV — JIHTAB 31,60,49
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:1080 mg/kg — AMIHAB 17,129,58
2F12K17 ipr-rat LD50:74 mg/kg — AMIHAB 17,129,58
2F12K17 ipr-mus LD50:71 mg/kg — AMIHAB 17,129,58
skn-rbt LD50:1090 mg/kg — JIHTAB 31,60,49
* skn-gpg LD50:162 mg/kg — JIHTAB 26,269,44
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JOCMA7 15(10),808,73
★ TLV-TWA 1 ppm (skin) — DTLVS* 4,141,80
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49 172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

IE1320000 DIETHYLENETRIAMINE, 4-(2-BROMO-4,5-DIMETHOXYPHENYL)-1,1,7,7-TETRAETHYL-
UPDT:8303 CAS: 6042-36-0 MW: 430.50 MOLFM: C20-H36-Br-N3-O2
SYN: 4-(2-BROMO-4,5-DIMETHOXYPHENYL)-1,1,7,7-TETRAETHYLDIETHYLENETRIAMINE * 1,2-DIMETHOXY-4-(BIS-DIETHYLAMINOETHYL)-AMINO-5-BROMOBENZENE * 1,2-ETHANEDIAMINE, N-(2-BROMO-4,5-DIMETHOXYPHENYL)-N-(2-(DIETHYLAMINO)ETHYL)-N',N'-DIETHYL- * RC 12 * VIR 27653
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:225 mg/kg — CHTHBK 13,339,68

IE1393000 DIETHYLENETRIAMINE, 1,1-DIETHYL-, mixed with SODIUM NITRITE
UPDT:8306 MW: 228.32 MOLFM: C8-H21-N3-N-Na-O2
SYN: 1,1-DIETHYLDIETHYLENETRIAMINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with 1,1-DIETHYLDIETHYLENETRIAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate — ENMUDM 5,101,83

IE1394000 DIETHYLENETRIAMINE, 1,4-DIMETHYL-, mixed with SODIUM NITRITE
UPDT:8306 MW: 199.25 MOLFM: C6-H16-N3-N-Na-O2
SYN: 1,4-DIMETHYLDIETHYLENETRIAMINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with 1,1-DIMETHYLDIETHYLENETRIAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate — ENMUDM 5,101,83

DIETHYLENETRIAMINE (DOT) see: IE1225000

IE1575000 DIETHYLENETRIAMINE, N-(2-HYDROXYETHYL)-
UPDT:8407 CAS: 1965-29-3 MW: 147.26 MOLFM: C6-H17-N3-O
SYN: N-(HYDROXYETHYL)DIETHYLENETRIAMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AMIHBC 4,119,51
eye-rbt 20 mg open SEV — AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:4630 mg/kg — AMIHAB 17,129,58
ipr-rat LD50:146 mg/kg — AMIHAB 17,129,58
2F12K17 ipr-mus LD50:320 mg/kg — AMIHAB 17,129,58
* skn-rbt LD50:1041 mg/kg — JIHTAB 31,60,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
DIETHYLENETRIAMINEPENTAACETATE, PENTASODIUM SALT see: MB8222500
DIETHYLENETRIAMINEPENTAACETIC ACID see: MB8205000
1,1,4,7,7-DIETHYLENETRIAMINEPENTAACETIC ACID see: MB8205000
DIETHYLENETRIAMINE PENTAACETIC ACID, CALCIUM TRISODIUM SALT see: MB8210000

IE2100000 DIETHYLENETRIAMINE, 1,1,4,7,7-PENTAMETHYL-
UPDT:8307 CAS: 3030-47-5 MW: 173.35 MOLFM: C9-H23-N3
SYN: 1,2-ETHANEDIAMINE, N-(2-(DIMETHYLAMINO)ETHYL)-N,N',N'-TRIMETHYL- (9CI) * PENTAMETHYLDIETHYLENETRIAMINE * N,N,N',N'',N''-PENTAMETHYLDIETHYLENETRIAMINE * PMDT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1630 mg/kg — AIHAAP 30,470,69
* skn-rbt LD50:280 mg/kg — AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IE2180000 DIETHYLENETRIAMINE, 1,4,7-TRIMETHYL-, mixed with SODIUM NITRITE
UPDT:8306 MW: 214.29 MOLFM: C7-H19-N3-N-Na-O2
SYN: SODIUM NITRITE mixed with 1,4,7-TRIMETHYLDIETHYLENETRIAMINE * 1,4,7-TRIMETHYLDIETHYLENETRIAMINE mixed with SODIUM NITRITE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate — ENMUDM 5,101,83

(DIETHYLENETRINITRILO)PENTAACETIC ACID see: MB8205000
DIETHYLEN-GLYCOL MONOVINYL ESTER see: KM5495500
DIETHYLENGLYKOLDINITRATE (Czech) see: ID6825000
DIETHYLENIMIDE OXIDE see: QD6475000
DI(ETHYLENIMIDE)PIRIMIDYL-2-AMIDO-PHOSPHOROUS ACID see: SZ5835000
alpha,alpha'-DIETHYL-alpha,alpha'-EPOXYBIBENZYL-4,4'-DIOL see: DT4391200
DIETHYL-beta,gamma-EPOXYPROPYLPHOSPHONATE see: SZ7900000
N,N-DIETHYLETHANAMINE see: YE0175000
N,N-DIETHYLETHANAMINE compd. with ((3,5,6-TRICHLORO-2-PYRIDINYL)OXY)ACETIC ACID (1:1) see: AJ8974000
DIETHYL ETHANEDIOATE see: RO2800000
(R*,S*)-4,4'-(1,2-DIETHYL-1,2-ETHANEDIYL)BIS(BENZENESULFONIC ACID) DIPOTASSIUM see: DT4391250
DIETHYLETHANOLAMINE see: KK5075000
N,N-DIETHYLETHANOLAMINE see: KK5075000
(E)-1,1'-(1,2-DIETHYL-1,2-ETHENE-DIYL)BIS(4-METHOXYBENZENE) see: WJ5400000
4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS-PHENOL see: WJ5600000
trans-4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BISPHENOL see: WJ5600000
trans-4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BISPHENOL DIPROPIONATE see: WJ5775000
DIETHYL ETHER see: KI5775000
DIETHYL ETHER (DOT) see: KI5775000
O,O-DIETHYL S-(N-ETHOXYCARBONYL-N-METHYLCARBAMOYLMETHYL) PHOSPHORODITHIOATE see: FB3150000
O,O-DIETHYL S-(N-ETHOXYCARBONYL-N-METHYLCARBAMOYLMETHYL)PHOSPHOROTHIOLO-THIONATE see: FB3850000
DIETHYL (ETHOXYMETHYLENE)MALONATE see: OO1100000
N,N-DIETHYL-N'-(2-ETHOXYPHENYL)GLYCINAMIDE (French) see: AB7397000
O,O-DIETHYL S-(2-ETHTHIOETHYL) PHOSPHORODITHIOATE see: TD9275000
O,O-DIETHYL S-(2-ETHTHIOETHYL) THIOTHIOPHOSPHATE see: TD9275000
O,O-DIETHYL S-(2-ETHYL-N,N-DIETHYLAMINO PHOSPHOROTHIOATE HYDROGEN OXALATE see: TF1400000
DIETHYL (4-ETHYL-1,3-DITHIOLAN-2-YLIDENE)PHOSPHORAMIDATE see: NJ6430000
4,4'-(1,2-DIETHYLETHYLENE)BIS(2-AMINOPHENOL) see: SL0560710
4,4'-(1,2-DIETHYLETHYLENE)BIS(2-FLUOROPHENOL) see: SL0560750
4,4'-(1,2-DIETHYLETHYLENE)BIS(3-FLUOROPHENOL) see: SL0560780
((1,2-DIETHYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BP7501000
N,N-DIETHYLETHYLENEDIAMINE see: KV3500000
N,N-DIETHYLETHYLENEDIAMINE DIPHENYLDISULFONATE see: KV3675160
4,4'-(1,2-DIETHYLETHYLENE)DI-m-CRESOL see: GO8150000
4,4'-(1,2-DIETHYLETHYLENE)DI-o-CRESOL see: GO8151000
(-)-4,4'-(1,2-DIETHYLETHYLENE)DIPHENOL see: SL0560820
4,4'-(1,2-DIETHYLETHYLENE)DIPHENOL see: SL0560850
4,4'-(1,2-DIETHYLETHYLENE)DIPYROCATECHOL see: UX1520000
4,4'-(1,2-DIETHYLETHYLENE)DIRESORCINOL see: VH0900000
O,O-DIETHYL S-(2-ETHYLMERCAPTOETHYL) DITHIOPHOSPHATE see: TD9275000
O,O-DIETHYL 2-ETHYLTHIOETHYL PHOSPHORODITHIOATE see: TF3150000
O,O-DIETHYL S-ETHYLMERCAPTOMETHYL DITHIOPHOSPHONATE see: TD9450000
S,S-DIETHYL ETHYLPHOSPHONODITHIOATE see: TA5700000
O,O-DIETHYL-S-((ETHYLSULFINYL)ETHYL)PHOSPHORODITHIOATE see: TD8600000
O,O-DIETHYL S-(2-(ETHYLSULFINYL)ETHYL) PHOSPHORODITHIOATE see: TD8600000
O,O-DIETHYL-S-(2-ETHYLTHIO-ETHYL)-DITHIOFOSFAAT (Dutch) see: TD9275000
O,O-DIETHYL 2-ETHYLTHIOETHYL PHOSPHORODITHIOATE see: TD9275000
O,O-DIETHYL S-2-(ETHYLTHIO)ETHYL PHOSPHORODITHIOATE see: TD9275000
O,O-DIETHYL O(and S)-2-(ETHYLTHIO)ETHYL PHOSPHOROTHIOATE MIXTURE see: TF3150000
O,O-DIETHYL-S-(ETHYLTHIO-METHYL)-DITHIOFOSFAAT (Dutch) see: TD9450000
O,O-DIETHYL S-ETHYLTHIOMETHYL DITHIOPHOSPHONATE see: TD9450000
O,O-DIETHYL ETHYLTHIOMETHYL PHOSPHORODITHIOATE see: TD9450000
O,O-DIETHYL S-(ETHYLTHIO)METHYL PHOSPHORODITHIOATE see: TD9450000
O,O-DIETHYL S-ETHYLTHIOMETHYL THIOTHIONOPHOSPHATE see: TD9450000
DIETHYLETHYNYLCARBINOL see: SC4857000
O,O-DIETHYL O-(6-FLUORO-2-PYRIDYL ESTER PHOSPHOROTHIOIC) ACID see: TF3300000
DIETHYLGLYCINEMESIDIDE see: AE2070000
N,N-DIETHYLGLYCINE cis-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE see: MB9663500
10-(N,N-DIETHYLGLYCYL)PHENOTHIAZINE see: SO5005000
DIETHYLGOLD BROMIDE (DOT) see: MD5300000
DIETHYL HEXAFLUOROGLUTARATE see: MA3750500 GLUTARIC ACID, HEXAFLUORO-, DIETHYL ESTER
DI-2-ETHYLHEXYL ADIPATE see: AU9700000
DI(2-ETHYLHEXYL)AMINE see: IH6825000
2-N-(2-ETHYLHEXYL)AMINOETHANOL see: KJ7875000
DI-(2-ETHYLHEXYL)EPOXYHEXAHYDROPHTHALATE see: RN8221000
DI-(2-ETHYLHEXYL) ETHER see: KN3175000
DI(2-ETHYLHEXYL) FUMARATE see: LT0525000
DI-(2-ETHYLHEXYL)MALEATE see: ON0160000
DI(2-ETHYLHEXYL)ORTHOPHOSPHORIC ACID see: TB7875000
DI(2-ETHYLHEXYL)ORTHOPHTHALATE see: TI0350000
DI(2-ETHYLHEXYL) PEROXYDICARBONATE see: SD9700000
DI-(2-ETHYLHEXYL)PEROXYDICARBONATE see: SD9679100
DI-(2-ETHYLHEXYL)PEROXYDICARBONATE (DOT) see: SD9700000
DI(2-ETHYLHEXYL)PEROXYDICARBONATE, 77% in solution (DOT) see: SD9679100
DI-(2-ETHYLHEXYL)PEROXYDICARBONATE, maximum concentration 32% (DOT) see: SD9679100
DI(2-ETHYLHEXYL)PHOSPHATE see: TB7875000
DIETHYL HEXYLPHOSPHONATE see: SZ8561000
DI-2(ETHYLHEXYL)PHOSPHORIC ACID see: TB7875000
DI(2-ETHYLHEXYL)PHOSPHORIC ACID (DOT) see: TB7875000
DI(2-ETHYLHEXYL)PHTHALATE see: TI0350000
DI(2-ETHYLHEXYL)SEBACATE see: VS1000000
DI-(2-ETHYLHEXYL) SODIUM SULFOSUCCINATE see: WN0525000
DI-2-ETHYLHEXYLTIN DICHLORIDE see: WH7210000
N-N'-DIETHYLHYDRAZINE see: MV2275000
sym-DIETHYLHYDRAZINE see: MV2275000
1,2-DIETHYLHYDRAZINE see: MV2275000
DIETHYLHYDROXY ARSINE OXIDE see: CH7325000
3,3-DIETHYL-1-((o-HYDROXYBENZYLIDENE)AMINO)-5-METHYL-2,4-PIPERIDINEDIONE see: TM7347000
1,1-DIETHYL-3-((HYDROXYDIPHENYLACETYL)OXY)PYRROLIDINIUM BROMIDE see: UY4330000
N,N-DIETHYL-N-(beta-HYDROXYETHYL)AMINE see: KK5075000
DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE BUTYLCARBAMATE see: EY9955000
DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE CARBANILATE see: FD8757700
DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE CYCLOHEXANECARBAMATE see: GU7174200
DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE DIBUTYLCARBAMATE see: EZ3823000
DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE DICYCLOHEXYLCARBAMATE see: EZ4215400
DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE DIPHENETHYLCARBAMATE see: FA4366000
DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE DODECYLCARBAMATE see: FA6222000
DIETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE OCTYLCARBAMATE see: FC9440000
DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE BENZILATE see: BP7524000
DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE, BENZILATE (ester) see: BP7524000
DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE, alpha-CYCLOPENTYL-2-THIOPENEGLYCOLATE see: BP7525000
DIETHYL(2-HYDROXYETHYL)METHYL-AMMONIUM BROMIDE 3-METHYL-2-PHENYLVALERATE see: BP7600000
DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE alpha-PHENYLCYCLOHEXANEGLYCOLATE see: BP7625000
DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE alpha-PHENYL-2-THIOPHENEGLYCOLATE see: BP7627000
DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE XANTHENE-9-CARBOXYLATE see: BP7632500
DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM IODIDE p-AMINOBENZOATE (ester) see: BP7645300
DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM IODIDE BENZOATE (ester) see: BP7646400
DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM IODIDE 2,2-DIMETHYLVALERATE see: BP7647500
AMMONIUM,DIETHYL(2-HYDROXYETHYL)METHYL-, IODIDE, 2,2-DIMETHYLVALERATE
DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM 3-METHYL-2-PHENYLVALERATE BROMIDE see: BP7600000
dl-13-beta,17-alpha-DIETHYL-17-beta-HYDROXYGON-4-EN-3-ONE see: JF7972000
DIETHYLHYDROXYLAMINE see: NC3500000
3,3-DIETHYL-1-((4-HYDROXY-3-METHOXYBENZYLIDENE)AMINO)-5-METHYL-2,4-PIPERIDINEDIONE see: TM7348000
DIETHYL(alpha-(HYDROXYMETHYL)BENZYL)METHYLAMMONIUM IODIDE BENZOATE (ester) see: BP7654400
DIETHYL(alpha-(HYDROXYMETHYL)BENZYL)METHYLAMMONIUM IODIDE o-METHOXYBENZOATE (ester) see: BP7654500
N,N-DIETHYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)BENZAMIDE see: CV4348300
O,O-DIETHYL N-HYDROXYNAPHTHALIMIDE PHOSPHATE see: QK5775000
N,N-DIETHYL-3-beta-HYDROXY-20-OXO-17-alpha-PREGN-5-ENE-16-beta-CARBOXAMIDE see: TU4550000
DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE BENZOATE (ester) see: BP7658000
DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE p-CHLOROBENZOATE (ester) see: BP7658100

BEST COPY AVAILABLE

DIETHYL(p-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE o-CHLOROBENZOATE (ester) see: BP7658200
DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE 3,4-DICHLOROBENZOATE (ester) see: BP7658300
DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE 3,5-DIMETHOXYBENZOATE (ester) see: BP7658400
DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE o-ETHOXYBENZOATE (ester) see: BP7658500
DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE o-METHOXYBENZOATE (ester) see: BP7658600
DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE 2-PHENOXYPROPIONATE (ester) see: BP7658700
DIETHYL(beta-HYDROXYPHENETHYL)METHYLAMMONIUM IODIDE 3,4,5-TRIMETHOXYBENZOATE see: BP7658800
DIETHYL(beta-HYDROXYPHENETHYL)(2-PROPYNYL)AMMONIUM BROMIDE BENZOATE (ester) see: BP7658900
DIETHYL(m-HYDROXYPHENYL)ARSINE METHIODIDE see: CH9800000
DIETHYL(2-HYDROXYPROPYL)METHYLAMMONIUM IODIDE, PHTHALATE (2:1) see: BP8051700
1,1-DIETHYL-3-HYDROXY PYRROLIDINIUM BENZIL BROMIDE see: UY4330000
1,1-DIETHYL-3-HYDROXYPYRROLIDINIUM BROMIDE BENZILATE see: UY4330000
N,N-DIETHYL-3-HYDROXY-2-TROPANECARBOXAMIDE BENZOATE HYDROCHLORIDE see: YM2781500
4,4'-(1,2-DIETHYLIDENE-1,2-ETHANEDIYL)BISPHENOL see: SL0580000
4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-BENZYLMORPHOLINIUM BROMIDE) see: QF2865000
4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-BENZYLMORPHOLINIUM CHLORIDE) see: QF2865500
((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(DIETHYLMETHYLAMMONIUM IODIDE) see: BP8054300
4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-ETHYLMORPHOLINIUM BROMIDE) see: QF2866000
4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-METHYLMORPHOLINIUM IODIDE) see: QF2866500
1,1'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(1-METHYLPIPERIDINIUM IODIDE) see: TN4912000
((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIETHYLAMMONIUM IODIDE) see: BP8054350
p,p'-(DIETHYLIDENEETHYLENE)DIPHENOL see: SL0580000
4,4'-(DIETHYLIDENEETHYLENE)DIPHENOL see: SL0580000
4,4'-(DIETHYLIDENEETHYLENE)DIPHENOL DIACETATE see: SL0590000
4,4'-(1,2-DIETHYLIDENE-1,2-ETHANEDIYL)BIS(PHENOL) DIACETATE see: SL0590000
5,5-DIETHYL-2-ISOPROPOXY-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9057700
5,5-DIETHYL-6-ISOPROPOXYURACIL see: YQ9670000
5,5-DIETHYL-1-ISOPROPYLBARBITURIC ACID see: CQ3550000
O,O-DIETHYL S-(N-ISOPROPYLCARBAMOYLMETHYL) DITHIOPHOSPHATE see: TD8225000
O,O-DIETHYL S-ISOPROPYLCARBAMOYLMETHYL PHOSPHORODITHIOATE see: TD8225000
O,O-DIETHYL S-(N-ISOPROPYLCARBAMOYLMETHYL) PHOSPHORODITHIOATE see: TD8225000
O,O-DIETHYL-O-(2-ISOPROPYL-4-METHYL-PYRIMIDIN-6-YL)-MONOTHIOFOSFAAT (Dutch) see: TF3325000
O,O-DIETHYL-O-(2-ISOPROPYL-4-METHYL-6-PYRIMIDINYL)-PHOSPHOROTHIOATE see: TF3325000
O,O-DIETHYL O-(2-ISOPROPYL-6-METHYL-4-PYRIMIDINYL) PHOSPHOROTHIOATE see: TF3325000
DIETHYL 4-(2-ISOPROPYL-6-METHYLPYRIMIDINYL)PHOSPHOROTHIONATE see: TF3325000
O,O-DIETHYL-O-(2-ISOPROPYL-4-METHYL-6-PYRIMIDYL)PHOSPHOROTHIOATE see: TF3325000
O,O-DIETHYL O-(2-ISOPROPYL-4-METHYL-6-PYRIMIDYL) THIONOPHOSPHATE see: TF3325000
O,O-DIETHYL 2-ISOPROPYL-4-METHYLPYRIMIDYL-6-THIOPHOSPHATE see: TF3325000
DIETHYL-5,5' ISOPROPYLOXY-2 PYRIMIDINEDIONE-4,6 (French) see: UV9057700
DIETHYL-5,5' ISOPROPYLOXY-4 PYRIMIDINEDIONE-2,6 (French) see: YQ9670000
DIETHYL-5,5' ISOPROPYL-1 PYRIMIDINETRIONE (French) see: CQ3550000
2,2-DIETHYLISOXAZOLIDINIUM CHLORIDE see: NY2973000
O,O-DIETHYL O-(2-KETO-4-METHYL-7-alpha',beta'-BENZO-alpha'-PYRANYL) THIOPHOSPHATE see: GN7525000
DIETHYL KETONE see: SA8050000
DIETHYL KETONE (DOT) see: SA8050000
N,N-DIETHYLLEUCINON-p-AMINOBENZOIC ACID METHANESULFONATE see: SA6475000
N,N-DIETHYLLYSERGAMIDE see: KE4100000
DIETHYLMAGNESIUM see: OM3185000
DIETHYLMAGNESIUM (DOT) see: OM3185000
DIETHYL MALEATE see: ON1225000
DIETHYL MALONATE see: OO0700000
DIETHYLMALONYLUREA see: CQ3500000
DIETHYLMALONYLUREA SODIUM see: CQ3850000
DIETHYL(2-MERCAPTOETHYL)AMINE see: KJ0525000 ETHANETHIOL, 2-(DIETHYLAMINO)-
DIETHYL MERCAPTOSUCCINATE, O,O-DIMETHYL DITHIOPHOSPHATE, S-ESTER see: WM8400000
DIETHYL MERCAPTOSUCCINATE, O,O-DIMETHYL PHOSPHORODITHIOATE see: WM8400000
DIETHYL MERCAPTOSUCCINATE, O,O-DIMETHYL THIOPHOSPHATE see: WM8400000
DIETHYL MERCAPTOSUCCINATE S-ESTER with O,O-DIMETHYLPHOSPHORODITHIOATE see: WM8400000
DIETHYL MERCAPTOSUCCINIC ACID O,O-DIMETHYL PHOSPHORODITHIOATE see: WM8400000
DIETHYL MERCURY see: OW2350000
N,N-DIETHYL-N'-(p-METHOXYBENZYL)-N'-(6-METHOXY-2-BENZOTHIAZOLYL)ETHYLENEDIAMINE FUMARATE see: KV3715000
N,N-DIETHYL-N'-(9-METHOXY-5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-1,3-PROPANEDIAMINE see: TX7387000
N,N-DIETHYL-N'-(9-METHOXY-5-METHYL-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-1,3-PROPANEDIAMINE see: TX7388000
N,N-DIETHYL-3-(p-(6-METHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)PROPYLAMINE HYDROCHLORIDE see: UI0854000
1-(2-(4-(2,2-DIETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE HCl see: UY0866000
4-(2-(DIETHYLMETHYLAMMONIO)ETHYL)-4-METHYLMORPHOLINIUM DIIODIDE see: QF2872000
N,N-DIETHYL-3-METHYLBENZAMIDE see: XS3675000
O,O-DIETHYL S-(N-METHYL-N-CARBOETHOXYCARBAMOYLMETHYL) DITHIOPHOSPHATE see: FB3850000
O,O-DIETHYL-O-(4-METHYLCOUMARIN-7-YL)-MONOTHIOFOSFAAT (Dutch) see: GN7525000
O,O-DIETHYL O-(4-METHYL-7-COUMARINYL) PHOSPHOROTHIOATE see: GN7525000
O,O-DIETHYL O-(4-METHYL-7-COUMARINYL) THIONOPHOSPHATE see: GN7525000
DIETHYL METHYLCOUMARINYL THIOPHOSPHATE see: GN7525000
O,O-DIETHYL O-(4-METHYLCOUMARINYL-7) THIOPHOSPHATE see: GN7525000
O,O-DIETHYL-S-(3-METHYL-2,4-DIOXO-5-OXA-3-AZA-HEPTYL)-DITHIOFOSFAAT (Dutch) see: FB3830000
1,1-DIETHYL-2-METHYL-3-DIPHENYLMETHYLENEPYRROLIDINIUM BROMIDE see: UY4310000
N,N-DIETHYL-2-((METHYLDIPHENYLSILYL)OXY)ETHYLAMINE see: KR4700000
N,N-DIETHYL-1-METHYL-3,3-DI-2-THIENYLALLYLAMINE HYDROCHLORIDE see: BA6330000
DIETHYL (4-METHYL-1,3-DITHIOLAN-2-YLIDENE)PHOSPHORAMIDATE see: JP1050000
O,O-DIETHYL S-((2-METHYL-1,3-DITHIOLAN-2-YL)METHYL)PHOSPHORODITHIOATE see: TD9660000
O,O-DIETHYL S-((2-METHYL-1,3-DITHIOLAN-2-YL)METHYL) PHOSPHOROTHIOATE see: TF3550000
O,O-DIETHYL-S-METHYL-DITHIOPHOSPHATE see: TD9670000
O,O-DIETHYL-O-(5-METHYL-6-ETHOXY-CARBONYL-PYRAZOLO(1,5-a)PYRIMID-2-YL)-THIONOPHOSPHATE see: TF2035000
O,O-DIETHYL O-6-METHYL-2-ISOPROPYL-4-PYRIMIDINYL PHOSPHOROTHIOATE see: TF3325000
O,O-DIETHYL-O-(4-METHYL-7-KUMARINYL) ESTER KYSELINY THIOFOSFORESCNE (Czech) see: GN7525000
O,O-DIETYL-O-4-METHYLKUMARINYL(7)TIOFOSFAT (Czech) see: GN7525000
O,O-DIETHYL O-(3-METHYL-4-(METHYLTHIO)PHENYL)PHOSPHOROTHIOATE see: TF4100000
N,N-DIETHYL-1-METHYLNIPECOTAMIDE see: QU1921000
3,3-DIETHYL-5-METHYL-1-((p-NITROBENZYLIDENE)AMINO)-2,4-PIPERIDINEDIONE see: TM7360000
3,3-DIETHYL-5-METHYL-1-((5-NITROFURFURYLIDENE)AMINO)-2,4-PIPERIDINEDIONE see: TM7362000
1,1-DIETHYL-3-METHYL-3-NITROSOUREA see: YS9380000
DIETHYLMETHYL(3-(2-NORBORNYL)PROPYL)AMMONIUM IODIDE see: BP8085500
N,N-DIETHYL-4-METHYL-3-OXO-5-alpha-4-AZAANDROSTANE-17-beta-CARBOXAMIDE see: CL5200000
N,N-DIETHYL-alpha-METHYL-10H-PHENOTHIAZINE-10-ETHANAMINE see: SO4900000
N,N-DIETHYL-4-METHYL-1-PIPERAZINE CARBOXAMIDE CITRATE see: TL1225000
N,N-DIETHYL-4-METHYL-1-PIPERAZINECARBOXAMIDE DIHYDROGEN CITRATE see: TL1225000
3,3-DIETHYL-5-METHYL-2,4-PIPERIDINEDIONE see: TM7350000
3,3-DIETHYL-5-METHYLPIPERIDINE-2,4-DIONE see: TM7350000
3,3-DIETHYL-5-METHYL-1-(PIPERONYLIDENEAMINO)-2,4-PIPERIDINEDIONE see: TM7364000
DIETHYL ((METHYL(PROPYLTHIO)PHOSPHINOTHIOYL)THIO)BUTANEDIOATE see: WM8550000
O,O-DIETHYL O-(3-METHYL-5-PYRAZOLYL)PHOSPHOROTHIOATE see: TF3675000
DIETHYL 3-METHYL-5-PYRAZOLYL THIONOPHOSPHATE see: TF3675000
O,O-DIETHYL O-(2-METHYL-4-QUINOLINYL) PHOSPHOROTHIOATE see: TF3750000
3,3'-DIETHYL-9-METHYLSELENOCARBOCYANINE IODIDE see: DK7725000
(3-(DIETHYLMETHYLSILYL)PROPYL)DIMETHYL(2-HYDROXYETHYL)AMMONIUM IODIDE see: BP8135000
(3-(DIETHYLMETHYLSILYL)PROPYL)DIMETHYL(2-HYDROXYETHYL)AMMONIUM IODIDE ACETATE (ester) see: BP8135100
O,O-DIETHYL O-(p-(METHYLSULFINYL)PHENYL) PHOSPHOROTHIOATE see: TF3850000
O,O-DIETHYL O-p-(METHYLSULFINYL)PHENYL THIOPHOSPHATE see: TF3850000
DIETHYLMETHYLSULFONIUM IODIDE MERCURIC IODIDE addition compound see: WR7900200
DIETHYLMETHYL(2-(1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURIN-7-YL)ETHYL)AMMONIUM IODIDE see: BP8140700
2,2-DIETHYL-5-METHYL-1-THIA-3-AZA-2-SILACYCLOPENTANE see: XI0560000
2,2-DIETHYL-5-METHYL-1,3,2-THIAZAGERMOLIDINE see: XJ0406000
N,N'-DIETHYL-6-(METHYLTHIO)-1,3,5-TRIAZINE-2,4-DIAMINE see: XY4025000
O,O-DIETHYL O-(4-(METHYLTHIO)-3,5-XYLYL)PHOSPHOROTHIOATE see: TF4200000
N,N-DIETHYL-5-METHYL-(1,2,4)TRIAZOLO(1,5-a)PYRIMIDINE-7-AMINE see: KZ5700000
N,N-DIETHYL-N-METHYL-2-(2-(TRIMETHYLAMMONIO)ETHOXY)-1-PROPANAMINIUM DIIODIDE see: BR8475000
O,O-DIETHYL O-(4-METHYLUMBELLIFERONE) ESTER of THIOPHOSPHORIC ACID see: GN7525000
O,O-DIETHYL O-(4-METHYLUMBELLIFERONE) PHOSPHOROTHIOATE see: GN7525000
DIETHYL (4-METHYLUMBELLIFERYL) THIONOPHOSPHATE see: GN7525000
1,4-DIETHYL-1-METHYL-4-UNDECYLPIPERAZINIUM DIIODIDE see: TM3154400
N,N-DIETHYL-p-(3-(MORPHOLINOFORMIMIDOYL)GUANIDINO)BENZAMIDE MONOHYDROCHLORIDE see: CV4349800
alpha,alpha-DIETHYL-1-NAPHTHALENEACETIC ACID see: QJ0930900
alpha,alpha-DIETHYL-1-NAPHTHALENEACETIC ACID SODIUM SALT see: QJ0933100
N,N-DIETHYL-2-(1-NAPHTHALENYLOXY)PROPIONAMIDE see: UE3600000
2,2-DIETHYL-1-THIA-3-AZA-2-SILACYCLOPENTANE see: XI0550000
O,O-DIETHYL O-NAPHTHALIMIDE PHOSPHOROTHIOATE see: QK5950000
O,O-DIETHYL O-NAPHTHALOXIMIDO PHOSPHOROTHIOATE see: QK5950000
O,O-DIETHYL O-NAPHTHALOXIMIDOPHOSPHOROTHIONATE see: QK5950000
O,O-DIETHYL O-NAPHTHYLAMIDOPHOSPHOROTHIOATE see: QK5950000
N,N-DIETHYL-2-(1-NAPHTHYLOXY)PROPIONAMIDE see: UE3600000
DIETHYL-NICOTAMIDE see: QS4375000
N,N-DIETHYLNICOTINAMIDE see: QS4375000
N,N-DIETHYLNIPECOTAMIDE see: QU1920000
O,O-DIETHYL-O-(4-NITRO-FENIL)-MONOTHIOFOSFAAT (Dutch) see: TF4550000
DIETHYL-p-NITROFENYL ESTER KYSELINY FOSFORECNE (Czech) see: TC2275000
O,O-DIETHYL-O-p-NITROFENYLESTER KYSELINY THIOFOSFORECNE (Czech) see: TF4550000
DIETHYL para-NITROPHENOL THIOPHOSPHATE see: TF4550000
DIETHYL p-NITROPHENYL PHOSPHATE see: TC2275000
O,O-DIETHYL O-p-NITROPHENYL PHOSPHATE see: TC2275000
O,O-DIETHYL O-(p-NITROPHENYL) PHOSPHOROTHIOATE see: TF4550000
O,O-DIETHYL O-(4-NITROPHENYL) PHOSPHOROTHIOATE see: TF4550000
O,S-DIETHYL O-(p-NITROPHENYL) PHOSPHOROTHIOATE see: TF4900000
O,S-DIETHYL O-(4-NITROPHENYL)PHOSPHOROTHIOATE see: TF4900000
DIETHYL 4-NITROPHENYL PHOSPHOROTHIONATE see: TF4550000
DIETHYL P-NITROPHENYL THIONOPHOSPHATE see: TF4550000
O,O-DIETHYL-O-(p-NITROPHENYL)THIONOPHOSPHATE see: TF4530000
DIETHYL p-NITROPHENYL THIOPHOSPHATE see: TF4550000
O,O-DIETHYL O-p-NITROPHENYL THIOPHOSPHATE see: TF4550000
O,O-DIETHYL O-4-NITROPHENYL THIOPHOSPHATE see: TF4550000
O,S-DIETHYL O-(4-NITROPHENYL)THIOPHOSPHATE see: TF4900000
DIETHYLNITROSAMINE see: IA3500000
N,N-DIETHYLNITROSAMINE see: IA3500000
DIETHYLNITROSOAMINE see: IA3500000
DIETHYL-p-NITROSOANILINE (DOT) see: BX3610000
DIETHYLOLAMINE see: KL2975000
DIETHYL OXALATE see: RO2800000
5,5-DIETHYL-1,3-OXAZIN-2,4-DIONE see: RP6300000
5,5-DIETHYL-1,3-OXAZINE-2,4-DIONE see: RP6300000
DIETHYL OXIDE see: KI5775000
O,O-DIETHYL O-(2-OXO-2H-1-BENZOPYRAN-3-YL)PHOSPHOROTHIOATE see: TF2070000
O,O-DIETHYL-S-(4-OXO-3H-1,2,3-BENZOTRIAZINE-3-YL)-METHYL-DITHIOPHOSPHATE see: TD8400000
O,O-DIETHYL S-(4-OXOBENZOTRIAZINO-3-METHYL) PHOSPHORODITHIOATE see: TD8400000
O,O-DIETHYL S-((4-OXO-3H-1,2,3-BENZOTRIAZIN-3-YL)-METHYL)-DITHIOFOSFAAT (Dutch) see: TD8400000
O,O-DIETHYL S-((4-OXO-1,2,3-BENZOTRIAZIN-3(4H)-YL(METHYL) PHOSPHOROTHIOATE see: TF7850000
O,O-DIETHYL S-((2-OXO-3(2H)-BENZOXAZOLYL)METHYL)PHOSPHORODITHIOATE see: TD8420000
O,O-DIETHYL S-((2-OXO-3-FURANYL)METHYL) PHOSPHOROTHIOATE see: TF2000000
DIETHYL PARAOXON see: TC2275000
DIETHYLPARATHION see: TF4550000
N(sup.1)-DIETHYL-1,4-PENTANEDIAMINE see: SA0242000
DIETHYL PERFLUOROGLUTARATE see: MA3750500 GLUTARIC ACID, HEXAFLUORO-, DIETHYL ESTER
DIETHYL PEROXYDICARBONATE see: SD9678500
DIETHYL PEROXYDICARBONATE, more than 27% in solution (DOT) see: SD9679000
DIETHYL PEROXYDICARBONATE, not more than 27% in solution (DOT) see: SD9678500
DIETHYL PEROXYDIFORMATE see: SD9678500
N,N-DIETHYL-1-PHENETHYLNIPECOTAMIDE see: QU1921500
N,N-DIETHYL-2-(p-PHENETHYLPHENOXY)PROPYLAMINE see: UI0901000
N,N-DIETHYL-3-(p-(PHENETHYL)PHENOXY)PROPYLAMINE see: UI0901010
N,N-DIETHYL-2-(α-PHENETIDINO)ACETAMIDE see: AB7397000
2,6-DIETHYLPHENOL see: SL0550000
N,N-DIETHYL-2-PHENOXYACETAMIDE see: AB7400000
DIETHYLPHENYLAMINE see: BX3400000
N,N-DIETHYL-4-(PHENYLAZO)BENZENAMINE see: CX9871000

BEST COPY

p-((3,4-DIETHYLPHENYL)AZO)-N,N-DIMETHYLANILINE see: BX3675000
N,2-DIETHYL-3-PHENYLBICARBAMIMIDE see: DT4393400
DI(p-ETHYLPHENYL)DICHLOROETHANE see: KH5790000
DIETHYL 4,4'-o-PHENYLENEBIS(3-THIOALLOPHANATE) see: BA3650000
1-(2,6-DIETHYLPHENYL)-3-ETHYLAMIDINO-UREA SULFATE see: YS9389000
N-(2,6-DIETHYLPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)UREA SULFATE (1:1) see: YS9389000
2,6-DIETHYLPHENYL ESTER of 1-PIPERIDINEACETIC ACID HYDROCHLORIDE see: TM3544000
N-(2,6-DIETHYLPHENYL)-N'-(1,4,5,6,7,8-HEXAHYDRO-1,3-DIAZOCIN-2-YL)-UREA HYDROCHLORIDE see: YS9389400
N-(2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-N-METHYLUREA HYDROCHLORIDE see: YS9389500
N-(2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-N-PROPYLUREA HYDROCHLORIDE see: YS9389700
N-(2,6-DIETHYLPHENYL)-N'-((IMINO(METHYLAMINO)METHYL)UREA HYDROCHLORIDE see: YS9389600
O,O-DIETHYL O-(5-PHENYL-3-ISOXAZOLYL) PHOSPHOROTHIOATE see: TF5600000
O,O-DIETHYL O-(3-(5-PHENYL)-1,2-ISOXAZOLYL)PHOSPHOROTHIONATE see: TF5600000
1-(2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-1-PROPYL-UREA HYDROCHLORIDE see: YS9389700
1-(2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-UREA HYDROCHLORIDE see: YS9389600
1-(2,6-DIETHYLPHENYL)-1-METHYL-3-METHYLAMIDINO-UREA HYDROCHLORIDE see: YS9389500
DIETHYL 1-((PHENYLMETHYL)THIO)ETHENYL PHOSPHATE see: TB6600000
1,1-DIETHYL-3-PHENYL-3-(2-PIPERIDINOPROPYL)UREA see: YS9395000 UREA, 1,1-DIETHYL-3-PHENYL-3-(2-PIPERIDINOPROPYL)-
N,N-DIETHYL-3-(1-PHENYLPROPYL)-1,2,4-OXADIAZOLE-5-ETHANAMINE CITRATE see: RO0689000
trans-2,2-DIETHYL-3-PHENYL-4-p-(beta-PYRROLIDINOETHOXY)PHENYL-7-METHOXYCHROMAN HYDROCHLORIDE see: UY0875050
N-(2,6-DIETHYLPHENYL)-N'-(4,5,6,7-TETRAHYDRO-1H-1,3-DIAZEPIN-2-YL)-UREA HYDROCHLORIDE see: YS9400000
DIETHYL PHENYLTIN ACETATE see: WH5700000
3,3-DIETHYL-1-PHENYLTRIAZENE see: XY0450000
O,O-DIETHYL O-(1-PHENYL-1H-1,2,4-TRIAZOL-3-YL)PHOSPHOROTHIOATE see: TF5635000
DIETHYL PHOSPHATE ANHYDRIDE with O-(2-METHYLPROPYL)(CHLOROMETHYL)PHOSPHONOTHIOATE see: TA9050000
DIETHYL PHOSPHITE see: TG7875000
O,O-DIETHYL PHOSPHORAZIDOTHIOATE see: TB6180000
O,O-DIETHYL PHOSPHORIC ACID O-p-NITROPHENYL ESTER see: TC2275000
O,O-DIETHYLPHOSPHOROCHLORIDOTHIOATE see: TD1780000
O,O-DIETHYL PHOSPHORODITHIOATE, S-ESTER with 6 CHLORO-3-(MERCAPTOMETHYL)-2-BENZOXAZOLINONE see: TD5175000
O,O-DIETHYL PHOSPHORODITHIOATE S-ester with 3-(MERCAPTOMETHYL)-1,2,3-BENZOTRIAZIN-4(3H)-ONE see: TD8400000
O,O-DIETHYLPHOSPHOROTHIOATE, O-ESTER with 6-HYDROXY-2-PHENYL-3(2H)-PYRIDAZINONE see: TF2275000
O,O-DIETHYL PHOSPHOROTHIOATE, O-ESTER with PHENYLGLYOXYLONITRILE OXIME see: MD4740000
N,N-DIETHYLPHTHALAMIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE see: TH7090000
DIETHYL PHTHALATE see: TI1050000
O,O-DIETHYL PHTHALIMIDO-PHOSPHONOTHIOATE see: IB2050000
O,O-DIETHYL PHTHALIMIDOTHIOPHOSPHATE see: TB2050000
N,N-DIETHYL-1,3-PROPANEDIAMINE DIPHENYLDISULFONATE see: TX7382000
DIETHYL PROPANEDIOATE see: OO0700000
2,2-DIETHYLPROPANEDIOL-1,3 see: TY5250000
2,2-DIETHYLPROPANE-1,3-DIOL see: TY5250000
2,2-DIETHYL-1,3-PROPANEDIOL see: TY5250000
O,O-DIETHYL S-n-PROPYLMERCAPTOMETHYL DITHIOPHOSPHATE see: TD9800000
O,O-DIETHYL-O-(2-PROPYL-4-METHYLPYRIMIDINYL-6) PHOSPHOROTHIOATE see: TF5650000
O,O-DIETHYL-O-(2-n-PROPYL-4-METHYL-PYRIMIDYL-6)PHOSPHOROTHIOATE see: TF5650000
DIETHYL PROPYLMETHYLPYRIMIDYL THIOPHOSPHATE see: TF5650000
O,O-DIETHYL-S-(PROPYLTHIOMETHYL)PHOSPHORODITHIOATE see: TD9800000
N,N-DIETHYL-1-PROPYNYLAMINE see: UK5600000
N-(2,6-DIETHYLPHENYL)-N'-((DIMETHYLAMINO)IMINOMETHYL)UREA HYDROCHLORIDE see: YS9388000
N-(2,6-DIETHYLPHENYL)-N'-((DIMETHYLAMINO)(METHYLAMINO)METHYLENE)UREA see: YS9388400
N,N-DIETHYL-2-PROPYNYLAMINE see: UK5775000
1-(1,1-DIETHYL-2-PROPYNYL)-3 AZETIDINOL METHYLCARBAMATE (ester) FUMARATE (1:1) see: CM4398500
1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINOL METHYLCARBAMATE (E)-2-BUTENEDIOATE (1:1) see: CM4398500
1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINOL PHENYLCARBAMATE (ester) HYDROCHLORIDE see: CM4398600
O,O-DIETHYL O,2-PYRAZINYL PHOSPHOROTHIOATE see: TF5775000
DIETHYL O-2-PYRAZINYL PHOSPHOROTHIONATE see: TF5775000
O,O-DIETHYL O-2-PYRAZINYL PHOSPHOTHIONATE see: TF5775000
O,O-DIETHYL O-PYRAZINYL THIOPHOSPHATE see: TF5775000
N,N-DIETHYL-3-PYRIDINECARBOXAMIDE see: QS4375000
N,N-DIETHYL-alpha-(3-PYRIDYLMETHYLENE)HIPPURAMIDE see: MR8142000
N,N-DIETHYL-alpha-(4-PYRIDYLMETHYLENE)HIPPURAMIDE see: MR8143000
N,N-DIETHYL-4-(4'-(PYRIDYL-1'-OXIDE)AZO)ANILINE see: US8750000
3,3-DIETHYL-1-(m-PYRIDYL)TRIAZENE see: XY0495000
3-(2-(DIETHYLPYRROLIDINO)ETHOXY)-6-METHOXY-2-PHENYLBENZOFURAN HYDROCHLORIDE see: DF6652050
O,O-DIETHYL O-QUINOXALIN-2-YL PHOSPHOROTHIOATE see: TF6125000
O,O-DIETHYL-O-(2-QUINOXALINYL) PHOSPHOROTHIOATE see: TF6125000
O,O-DIETHYL-O-(2-QUINOXALYL) PHOSPHOROTHIOATE see: TF6125000
O,O-DIETHYL-O-2-QUINOXALYL-THICPHOSPHATE see: TF6125000
N,N-DIETHYLRIFAMYCIN B AMIDE see: AB7525000
DIETHYL SEBACATE see: VS1180000
N,N-DIETHYLSELENOUREA see: YS9450000
DIETHYL SODIUM DITHIOCARBAMATE see: EZ6475000
DIETHYLSTANNYL DICHLORIDE see: WH7200000
N,N-DIETHYL-4-STILBENAMINE see: WI3825000
alpha,alpha'-DIETHYLSTILBENEDIOL see: WJ5600000
alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL see: WJ5600000
alpha,alpha'-DIETHYL-(E)-4,4'-STILBENEDIOL see: WJ5600000
cis-alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL see: WJ5630000
trans-alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL see: WJ5600000
alpha,alpha'-DIETHYL-(E)-4,4'-STILBENEDIOL BIS(DIHYDROGEN PHOSPHATE) see: WJ5680000
alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL, DIPROPIONATE see: WJ5775000
alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL trans-DIPROPIONATE see: WJ5775000
trans-alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL DIPROPIONATE see: WJ5775000
alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL DIPROPIONYL ESTER see: WJ5775000
DIETHYLSTILBENE DIPROPIONATE see: WJ5775000
DIETHYLSTILBESTEROL see: WJ5600000
cis-DIETHYLSTILBESTEROL see: WJ5630000
trans-DIETHYLSTILBESTEROL see: WJ5600000
DIETHYLSTILBESTEROL DIPHOSPHATE see: WJ5680000
DIETHYLSTILBESTEROL DIPROPIONATE see: WJ5775000
DIETHYLSTILBESTROL see: WJ5600000
cis-DIETHYLSTILBESTROL see: WJ5630000
trans-DIETHYLSTILBESTROL see: WJ5600000
DIETHYLSTILBESTROL DIMETHYL ETHER see: WJ5400000
DIETHYLSTILBESTROL DIPALMITATE see: WJ5700000
DIETHYLSTILBESTROL DIPHOSPHATE see: WJ5680000
DIETHYLSTILBESTROL DIPROPIONATE see: WJ5775000
DIETHYLSTILBESTROL and ETHISTERONE see: TU5570260
DIETHYLSTILBESTROL and NORLUTIN see: RC8997000
DIETHYLSTILBESTROL PHOSPHATE see: WJ5680000
DIETHYLSTILBESTROL and PRANONE see: TU5570260
DIETHYLSTILBESTROL PROPIONATE see: WJ5775000
DIETHYLSTILBESTRYL DIPHOSPHATE see: WJ5680000
DIETHYLSTILBOESTEROL see: WJ5600000
trans-DIETHYLSTILBOESTEROL see: WJ5600000
DIETHYLSTILBOESTROL-alpha,beta-OXIDE see: DT4391200
DIETHYLSTILBOESTROL-3,4-OXIDE see: DT4391200
N,N-DIETHYL-2-(p-STYRYLPHENOXY)PROPYLAMINE see: UI0960000
N,N-DIETHYL-3-(p-STYRYLPHENOXY)PROPYLAMINE see: UI0960100
2-(m-(alpha,beta-DIETHYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE1655000
N,N-DIETHYLSUCCINAMIC ACID see: WM3435000
DIETHYL SUCCINATE see: WM7400000
N,N-DIETHYLSUCCINIC ACID MONOAMIDE see: WM3435000
p-(DIETHYLSULFAMOYL)BENZOIC ACID see: DG8558300
DIETHYL p-SULFAMOYLPHENYL PHOSPHATE see: TC0820000
O,O-DIETHYL O-(p-SULFAMOYLPHENYL) PHOSPHATE see: TC0820000
DIETHYL SULFATE see: WS7875000
DIETHYLSULFID (Czech) see: LC7200000
DIETHYL SULFIDE see: LC7200000
DIETHYL SULFIDE (DOT) see: LC7200000
DIETHYLSULFONATE see: KI7600000
DIETHYLSULFONDIMETHYLMETHANE see: TX3850000
DIETHYLSULFONMETHYLETHYLMETHANE see: EJ5250000
DIETHYL SULPHATE see: WS7875000
DIETHYL SULPHATE (DOT) see: WS7875000
DIETHYL TEREPHTHALATE see: WZ1223400
trans-alpha,alpha'-DIETHYL-3,3',5,5'-TETRAFLUORO-4,4'-STILBENEDIOL see: WJ5840000
N,N-DIETHYL-N'-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)ACETAMIDE see: AB7420000
N,N-DIETHYL-N'-2-(TETRAHYDRO-1,2,3,4-NAPHTHYL)-GLYCINAMIDE (French) see: AB7420000
5,5-DIETHYLTETRAHYDRO-2H-1,3-OXAZINE-2,4(3H)-DIONE see: RP6300000
O,O-DIETHYL S-(TETRAHYDRO-2-OXO-3-FURNAYL) PHOSPHORODITHIOATE see: TD7975000
O,O-DIETHYL S-(TETRAHYDRO-3-THIENYL) PHOSPHORODITHIOATE see: TD9850000
N,N-DIETHYL-N'-(2-(TETRALYL)-GLYCINAMIDE (French) see: AB7420000
N,N-DIETHYL-N,N',N',N'-TETRAMETHYL-N,N'-(2-METHYL-3-OXAPENTAMETHYLENE)BIS(AMMONIUM IODIDE) see: BR8475000
O,O-DIETHYL S-9-THIABICYCLO(4.2.1)NONENYL PHOSPHORODITHIOATE (isomeric mixture) see: TE0175000
DIETHYLTHIAMBUTENE HYDROCHLORIDE see: BA6330000
2,2-DIETHYL-1,3,2-THIAZAGERMOLIDINE see: XJ0405000
2,2-DIETHYLTHIAZOLIDINE see: XJ5563000
DIETHYLTHIOCARBAMIC ACID S-(o-CHLOROBENZYL) ESTER see: EZ7259400
N,N'-DIETHYLTHIOCARBAMIDE see: YS9800000
DIETHYLTHIOETHER see: LC7200000
2-(O,O-DIETHYL-THIONOPHOSPHORYL)-5-METHYL-6-CARBETHOXY-PYRAZOLO-(1,5a)PYRIMIDINE see: TF2035000
DIETHYL THIOPHOSPHORIC ACID ESTER of 3-CHLORO-4-METHYL-7-HYDROXYCOUMARIN see: GN6300000
DIETHYLTHIOPHOSPHORYL CHLORIDE (DOT) see: TD1780000
N,N'-DIETHYLTHIOUREA see: YS9800000
1,3-DIETHYLTHIOUREA see: YS9800000
1,3-DIETHYL-2-THIOUREA see: YS9800000
DIETHYLTIN CHLORIDE see: WH7200000
DIETHYLTIN DI(10-CAMPHORSULFONATE) see: WH6714250
DIETHYLTIN DICAPRYLATE see: WH7268000
DIETHYLTIN DICHLORIDE see: WH7200000
(DIETHYL-1,1 PROPYNE-2 YL)-1 PROPYLCARBAMOYLOXY-3 AZETIDINE CHLORHYDRATE (French) see: FD0869000
DIETHYLTIN DIIODIDE see: WH7270000
DIETHYLTIN DIOCTANOATE see: WH7268000
DIETHYLTOLUAMIDE see: XS3675000
DIETHYL-m-TOLUAMIDE see: XS3675000
N,N-DIETHYL-m-TOLUAMIDE see: XS3675000
N,N-DIETHYL-2-(p-TOLUENESULFONYLTHIO)ETHYLAMINE HYDROCHLORIDE see: XT6720000
1,1-DIETHYL-4-(alpha-m-TOLYLBENZYL)PIPERAZINIUM IODIDE see: TM3154500
4-(3,3-DIETHYLTRIAZENO)-5-NITROIMIDAZOLE see: NI4803000
O,O-DIETHYL S-(1,2,2-TRICHLOROETHYL) PHOSPHOROTHIOATE see: TF6250000
O,O-DIETHYL O-3,5,6-TRICHLORO-2-PYRIDYL PHOSPHOROTHIOATE see: TF6300000
3,9-DIETHYL-TRIDECYL-6-SULFATE see: YD4550000
DIETHYL (2-(TRIETHOXYSILYL)ETHYL)PHOSPHONIC ACID see: TA0997000
O,O-DIETHYL S-(3,4,4-TRIFLUORO-3-BUTENYL) PHOSPHORODITHIOATE see: TE0220000
O,O-DIETHYL S-(3,4,4-TRIFLUORO-3-BUTENYL) PHOSPHOROTHIOATE see: TF6350000
N(sup 4),N(sup 4)-DIETHYL-alpha,alpha,alpha-TRIFLUORO-3,5-DINITROTOLUENE, 2,4-DIAMINE see: XS9990000
1,4-DIETHYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE see: YJ9270305
cis-((DIETHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BP8202010
trans-((DIETHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BP8202000
1,1-DIETHYL-4-XANTHEN-9-YLCARBONYLPIPERAZINIUM IODIDE see: TM3154600
DIETHYL XANTHOGENATE see: LQ7700000
DIETHYLXANTHOGEN DISULFIDE see: LQ7700000
DIETHYL YELLOW see: CX9871000
DIETHYLZINC see: ZH2070000
2-epsilon,17-alpha-DIETHYNYL, A-NOR-ANDROSTANE-2-epsilon, 17-beta-DIHYDROXYDIPROPINATE see: RC9053000
2-alpha,17-alpha-DIETHYNYL-A-NOR-5-alpha-ANDROSTANE-2-beta,17-beta-DIOL DIPROPIONATE see: RC9053000
DIETHYXIME see: DF9900000
DIETIL see: GV7100000
DIETILAMIDE-CARBOPIRIDINA see: QS4375000
DIETILAMINA (Italian) see: HZ8750000
alfa-DIETILAMINO-2,6-DIMETILACETANILIDE (Italian) see: AN7525000 2',6'-ACETOXYLIDIDE, 2-(DIETHYLAMINO)-
DIETILAMINOETILESTERE DELL'ACIDO p.FENIL-FENOSSI-alpha-ISOBUTIRRICO CLORIDRATO (Italian) see: UE7630000
DIETILAMINOETILESTERE DELL'ACIDO N-METIL-ISONIPECOTICO CLOROMETILATO (Italian) see: TN4699000
2-(DIETILAMMINO)-6-FENILCROMONE (Italian) see: GB7937000
2-(DIETILAMMINO)-8-FENILCROMONE (Italian) see: GB7937010
alpha-DIETILAMMINO-3-TRIFLUOROMETILPROPIONANILIDE (Italian) see: UE4932000
O,O-DIETIL-O-(4-BROMO-2,5 DICLORO-FENIL)-MONOTIOFOSFATO (Italian) see: TE7000000

BEST COPY AVAILABLE

O,O-DIETIL-S-((2-CIAN-2-METIL-ETIL)-CARBAMOIL)-METIL-MONOTIOFOSFATO (Italian) see: TE8750000
O,O-DIETIL-S-((4-CLORO-FENIL-TIO)-METILE)-DITIOFOSFATO (Italian) see: TD5250000
O,O-DIETIL-O-(3-CLORO-4-METIL-CUMARIN-7-IL-MONOTIOFOSFATO) (Italian) see: GN6300000
O,O-DIETIL-S-((6-CLORO-2-OXO-BENZOSSAZOLIN-3-IL)-METIL)-DITIOFOSFATO (Italian) see: TD5175000
O,O-DIETIL-O-(2,4-DICLORO-FENIL)-MONOTIOFOSFATO (Italian) see: TF0350000
5,5-DIETILDIIDRO-1,3-OSSAZIN-2,4-DIONE (Italian) see: RP6300000
DIETILESTILBESTROL (Spanish) see: WJ5600000
O,O-DIETIL-S-(2-ETILTIO-ETIL)-DITIOFOSFATO (Italian) see: TD9275000
O,O-DIETIL-S-(ETILTIO-METIL)-DITIOFOSFATO (Italian) see: TD9450000
O,O-DIETIL-S-(N-ETOSSI-CARBONIL-N-METIL-CARBAMOIL-METIL)-DITIOFOSFATO (Italian) see: FB3850000
O,O-DIETIL-O-(2-ISOPROPIL-4-METIL-PIRIMIDIN-6-IL)-MONOTIOFOSFATO (Italian) see: TF3325000
O,O-DIETIL-O-(4-METILCUMARIN-7-IL)-MONOTIOFOSFATO (Italian) see: GN7525000
O,O-DIETIL-O-(4-NITRO-FENIL)-MONOTIOFOSFATO (Italian) see: TF4550000
O,O-DIETIL-S-((4-OXO-3H-1,2,3-BENZOTRIAZIN-3-IL)-METIL)-DITIOFOSFATO (Italian) see: TD8400000
DIETILPROPANDIOLO see: TY5250000
DIETIL TIOFOSFATO de p-NITROFENILA (Portuguese) see: TF4550000
1,1-DIETOSSIETANO (Italian) see: AB2800000
DIETREEN see: TB9100000
DIETROL see: QE2450000
DIETROXINE see: RP6300000
O,O-DIETYL-O-p-NITROFENYLFOSFAT (Czech) see: TC2275000
O,O-DIETYL-O-p-NITROFENYLTIOFOSFAT (Czech) see: TF4550000
DIF 4 see: AB8050000
DIFACIL see: AH2624000
DIFACIL HYDROCHLORIDE see: AH2625000
DIFAZIN see: SO5005000
DIFEDRYL see: KR6825000
DIFEMERINE see: DD3155000
DIFENACOUM see: GN4934500
DIFENAMIZOLE see: UE3865000
DIFENHYDRAMIN see: KR6825000
DIFENHYDRAMINE HYDROCHLORIDE see: KR7000000
DIFENIDOL HYDROCHLORIDE see: TM4970500
DIFENIDOLIN see: TM4970500
1,2-DIFENIL-3,5-DICHETO-4-FURFURILIDEN-PIRAZOLIDINA (Italian) see: UQ8513000
DIFENIDRAMINA (Italian) see: KR6825000
1,2-DIFENIL-3,5-DICHETO-4-LAURIL-PIRAZOLIDINA (Italian) see: UQ8512000
1,2-DIFENIL-3,5-DICHETO-4-FURFURIL-PIRAZOLIDINA (Italian) see: UQ8512500
1,2-DIFENIL-3,5-DICHETO-4-(alpha-METIL-ETILIDEN)-PIRAZOLIDINA (Italian) see: UQ8522000
1,2-DIFENIL-3,5-DICHETO-4-(alpha-METIL-PROPILIDEN)-PIRAZOLIDINA (Italian) see: UQ8402000
1,2-DIFENIL-3,5-DICHETO-4-(o-OSSI-m-ALLIL-BENZILIDEN)-PIRAZOLIDINA (Italian) see: UQ8152000
1,2-DIFENIL-3,5-DICHETO-4-PROPIL-PIRAZOLIDINA (Italian) see: UQ8652000
DIFENILHIDANTOINA (Spanish) see: MU1050000
DIFENILILACRILATO DI BISMUTO (Italian) see: GE0407000
DIFENIL-METAN-DIISOCIANATO (Italian) see: NQ9350000
DIFENIN see: MU1050000
DIFENIN see: MU1400000
DIFENOXILIC ACID HYDROCHLORIDE see: TM6135000
DIFENOXIN HYDROCHLORIDE see: TM6135000
DIFENOXURON see: YT0180000
DIFENOXYLIC ACID HYDROCHLORIDE see: TM6135000
DIFENSON see: DB5250000
DIFENTHOS see: TF6890000
N,N'-DIFENYL-p-FENYLENDIAMIN (Czech) see: ST2275000
2-(DIFENYL-HYDROXYACETOXY)ETHYL-DIETHYLAMMONIUMCHLORID (Czech) see: DD2800000
DIFENYLIN see: DV2100000
DIFENYLMETHAAN-DISSOCYANAAT (Dutch) see: NQ9350000
DIFENZOQUAT METHYL SULFATE see: UQ9820000
DIFETOIN see: MU1050000
DIFETOIN see: MU1400000
DIFFLAM see: NK7875000
DIFFOLLISTEROL see: KG4050000
DIFFRACTAIC ACID see: VH3708850
DIFFUSIN see: MT7260000
DIFFUSING FACTOR see: MT7260000
DIFHYDAN see: MU1050000
DIFHYDAN see: MU1400000
DIFLUBENZURON see: YS6200000
DIFLUCORTOLONE VALERATE see: TU3830500
DIFLUCORTOLONE 21-VALERATE see: TU3830500 PREGNA-1,4-DIENE-3,20-DIONE, 6,9-DIFLUORO-11-HYDROXY-16-METHYL-21-((1-OXOPENTYL)OXY)-, (6-alpha,11-beta,16-alpha)-
DIFLUCORTOLONVALERIANAT (German) see: TU3830500 PREGNA-1,4-DIENE-3,20-DIONE, 6,9-DIFLUORO-11-HYDROXY-16-METHYL-21-((1-OXOPENTYL)OXY)-, (6-alpha,11-beta,16-alpha)-
DIFLUMIDONE see: PB0507500
DIFLUNISAL see: DV2030000
DIFLUORO see: TA1840700
2,4'-DIFLUOROACETANILIDE see: AE2103200 ACETANILIDE, 2,4'-DIFLUORO-
2,6-DIFLUOROBENZOIC ACID see: DG8559000
2,10-DIFLUOROBENZO(rst)PENTAPHENE see: DI6140000
cis-DIFLUOROBIS(1-PHENYL-1,3-BUTANEDIONATO)TITANIUM(IV) see: XR2080000
1,1-DIFLUORO-1-CHLOROETHANE see: KH7650000 ETHANE, 1-CHLORO-1,1-DIFLUORO-
DIFLUOROCHLOROMETHANE see: PA6390000
2,10-DIFLUORODIBENZO(a,j)PYRENE see: DI6140000
DIFLUORODIBROMOMETHANE see: PA7525000
1,1-DIFLUORO-2,2-DICHLOROETHYLENE see: KV9470000
DIFLUORODICHLOROMETHANE see: PA8200000
2',4'-DIFLUORO-4-DIMETHYLAMINOAZOBENZENE see: BX3775000
2',5'-DIFLUORO-4-DIMETHYLAMINOAZOBENZENE see: BX5175000
3',4'-DIFLUORO-4-DIMETHYLAMINOAZOBENZENE see: BX5250000
3',5'-DIFLUORO-4-DIMETHYLAMINOAZOBENZENE see: BX3850000
DIFLUORODIMETHYLSTANNANE see: WH7285000
DIFLUOROETHANE see: KI1410000
1,1-DIFLUOROETHANE (DOT) see: KI1410000
1,1-DIFLUOROETHYLENE see: KW0560000
1,1-DIFLUOROETHYLENE (DOT) see: KW0560000
DIFLUOROFORMALDEHYDE see: FG6125000
2',4'-DIFLUORO-4-HYDROXY-3-BIPHENYLCARBOXYLIC ACID see: DV2030000
2',4'-DIFLUORO-4-HYDROXY-(1,1'-BIPHENYL)-3-CARBOXYLIC ACID see: DV2030000
2',4'-DIFLUORO-4-HYDROXY-(1',1-DIPHENYL)-3-CARBOXYLIC ACID see: DV2030000
2,4'-DIFLUORO-N-(2-HYDROXYETHYL)ACETANILIDE see: AE2103300 ACETANILIDE, 2,4'-DIFLUORO-N-(2-HYDROXYETHYL)-
6-alpha,9-DIFLUORO-11-beta-HYDROXY-16-alpha-METHYL-21-VALERYLOXY-1,4-PREGNADIENE-3,20-DIONE see: TU3830500 PREGNA-1,4-DIENE-3,20-DIONE, 6,9-DIFLUORO-11-HYDROXY-16-METHYL-21-((1-OXOPENTYL)OXY)-, (6-alpha,11-beta,16-alpha)-
3,4-DIFLUORONITROBENZENE see: CZ5710000
6-alpha,9-alpha-DIFLUORO-16-alpha-HYDROXYPREDNISOLONE 16,17-ACETONIDE see: TU3830000
6-alpha,9-DIFLUORO-11-beta-HYDROXY-21-VALERYLOXY-16-alpha-METHYL-1,4-PREGNADIENE-3,20-DIONE see: TU3830500
2,4'-DIFLUORO-N-METHYLACETANILIDE see: AE2103400 ACETANILIDE, 2,4'-DIFLUORO-N-METHYL-
alpha-DIFLUOROMETHYLORNITHINE see: RM2981600
DL-alpha-DIFLUOROMETHYLORNITHINE see: RM2981700
2-(DIFLUOROMETHYL)ORNITHINE see: RM2981600
DIFLUOROMETHYLPHOSPHINE OXIDE see: TA1840700
(15S)-2,2-DIFLUORO-15-METHYL-PGF2-alpha 1,9-LACTONE see: UK7893600
(15S)-2,2-DIFLUORO-15-METHYL-PROSTAGLANDIN F2-alpha 1,9-LACTONE see: UK7893600
DIFLUOROMONOCHLOROMETHANE see: PA6390000
1,2-DIFLUORO-4-NITROBENZENE see: CZ5710000
1,4-DIFLUORO-2-NITROBENZENE see: CZ5715000
2,4-DIFLUORONITROBENZENE see: CZ5730000
2,5-DIFLUORONITROBENZENE see: CZ5715000
p-((3,5-DIFLUOROPHENYL)AZO)-N,N-DIMETHYLANILINE see: BX3850000
5-(2,4-DIFLUOROPHENYL)-3-METHOXY-as-TRIAZINE see: XY7352000
5-(2,4-DIFLUOROPHENYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY7353000
2-(4-(2',4'-DIFLUOROPHENYL)PHENYLOXY)PROPIONIC ACID see: UF1520000
2-(4-(2',4'-DIFLURPHENYL)PHENOXY)PROPIONSAURE (German) see: UF1520000
5-(2,4-DIFLUOROPHENYL)SALICYLIC ACID see: DV2030000
DIFLUOROPHOSPHORIC ACID see: TD4460000
DIFLUOROPHOSPHORIC ACID, anhydrous (DOT) see: TD4460000
1,2-DIFLUORO-1,1,2,2-TETRACHLOROETHANE see: KI1420000
3,8-DIFLUOROTRICYCLOQUINAZOLINE see: YD2880000
DIFLUPYL see: TE5075000
DIFLUREX see: AG9300000 ACETIC ACID, (2,3-DICHLORO-4-(2-THIENYLCARBONYL)PHENOXY)-
DIFLURON see: YS6200000
DIFLUROPHATE see: TE5075000
DIFMECOR see: DP4790000
DIFO see: TD4025000
DIFOLATAN see: GW4900000
DIFOLLICULINE see: KG4050000
DIFONATE see: TA5950000
DIFORENE see: KK6300000
DIFORIN see: NS1750000
DIFORMAL see: MD2625000
DIFORMYL see: MD2625000
7,12-DIFORMYLBENZ(a)ANTHRACENE see: CW1600000
1,4-DIFORMYLBENZENE see: WZ0430000
1,2-DIFORMYLHYDRAZIN (German) see: LQ8625000
1,2-DIFORMYLHYDRAZINE see: LQ8625000
3,4'-DIFORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE DIOXIME see: UU3875100
DIFOSAN see: GW4900000
DIFURAN see: MF4620000
DI-2-FURANYLMETHYLSILANE see: VV3635000
1-(2-(DI-2-FURANYLMETHYLSILYL)ETHYL)-2,8,9-TRIOXA-5-AZA-SILABICYCLO(3.3.3)UNDECANE see: YJ9030600
DIFURAZONE see: MF4620000
N,N-DIFURFURAL-n-PHENYLENEDIAMINE see: SS9750000 p-PHENYLENEDIAMINE, N,N'-DIFURFURYLIDENE-
1,1-DIFURFURYLBIGUANIDE MONOHYDROCHLORIDE see: DU1789200
DIFURFURYLIDENEACETONE POLYMER see: RZ2476700
5,6-DI-2-FURYL-3-METHOXY-as-TRIAZINE see: XY7354000
1-(2-(DI-2-FURYLMETHYLSILYL)ETHYL)SILATRANE see: YJ9030600
5,6-DI-2-FURYL-3-(METHYLTHIO)-as-TRIAZINE see: XY7354300
DIGACIN see: IH6125000
DIGALACTOSIDE de la 4,4'-DIAMINO-DIPHENYL-SULFONE (French) see: LW5920000
DIGENEA SIMPLEX MUCILAGE see: AW7950000
5,5'-DIGENTISYL PHTHALATE SODIUM SALT see: TI0180000

IH0762000 DIGERA ALTERNIFOLIA (L.) Aschers, extract
DEF:Indian plant belonging to the family AMARANTHACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:62500 ug/kg IJEBA6 18,594,80

11,11-DIGERANYLOXY-1-UNDECENE see: YQ2849400
DIGERMIN see: XU9275000
DIGIBUTINA see: UQ8225000
DIGIFORTIS see: IH2010000
DIGIGLUSIN see: IH2010000
DIGILANID A see: OE1980000
DIGILANID B see: OE2040000
DIGILANID C see: OE2100000
DIGILANIDE A see: OE1980000
DIGILANIDE B see: OE2040000
DIGILANIDE C see: OE2100000
DIGILONG see: IH2275000
DIGIMED see: IH2275000
DIGIMERCK see: IH2275000
DIGISIDIN see: IH2275000
DIGITALIN see: IH2275000
DIGITALINE (French) see: IH2275000
DIGITALINE CRISTALLISEE see: IH2275000
DIGITALINE NATIVELLE see: IH2275000
DIGITALINUM VERUM see: IH2030000
DIGITALINUM VERUM see: IH2275000
DIGITALIS GLYCOSIDE see: IH6125000

IH2000000 DIGITALIS LANATA STANDARD
UPDT:8407
TOXICITY DATA AND REFERENCES:
ivn-gpg LDLo:81200 ug/kg ARZNAD 17,1237,67

IH2005000 DIGITALIS PURPUREA L., leaf extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:2857 mg/kg JTEHD6 1,939,76

IH2010000 DIGITALIS, U.S.P. STANDARD
UPDT:8406 CAS: 8053-83-6
SYN: DIGIFORTIS * DIGIGLUSIN * DIGITORA
TOXICITY DATA AND REFERENCES:
* ivn-pgn LD50:102 mg/kg JPMSAE 50,469,61

IH2030000 DIGITALUM VERUM
UPDT:8407 CAS: 752-61-4 MW: 712.92 MOLFM: C36-H56-O14
SYN: DIGITALINUM VERUM
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:1409 ug/kg CHBEAM 85,1103,52

IH2050010 DIGITARIA DECUMBENS Stent, leaf and stem extract
DEF:Jamaican plant belonging to the family GRAMINEAE (JPPMAB 14,556,62)
UPDT:8405

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

DIGITIN see: IH2050050

IH2050050 DIGITONIN
UPDT:8403 CAS: 11024-24-1 MW: 1229.48 MOLFM: C56-H92-O29
SYN: DIGITIN
MUTATION DATA AND REFERENCES:
sln-smc 250 ppb ANYAA9 407,186,83
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:4 mg/kg ARZNAD 12,815,62
orl-mus LDLo:90 mg/kg HBAMAK 4,1289,35
1V30 ipr-mus LD10:20 mg/kg PCJOAU 11,749,77
scu-mus LDLo:200 mg/kg HBAMAK 4,1289,35
ivn-mus LDLo:10 mg/kg HBAMAK 4,1289,35
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DIGITOPHYLLIN see: IH2275000

DIGITORA see: IH2010000

DIGITOXIGENIN see: FH4975000

DIGITOXIGENIN-3-beta-N-ACETYLGLYCYL ESTER see: FH4975050

DIGITOXIGENINE see: FH4975000

DIGITOXIGENIN-3-beta-N-L-RHAMNOSYLGLYCYL ESTER see: MB9286000

DIGITOXIGENIN TRIDIGITOXOSIDE see: IH2275000

IH2275000 DIGITOXIN
UPDT:8408 CAS: 71-63-6 MW: 765.05 MOLFM: C41-H64-O13
SYN: ACEDOXIN * ASTHENTHILO * CARDIDIGIN * CARDIGIN * CARDITOXIN * CRYSTALLINE * CRYSTALLINE DIGITALIN * CRISTAPURAT * CRYSTODIGIN * DIGILONG * DIGIMED * DIGIMERCK * DIGISIDIN * DIGITALIN * DIGITALINE (French) * DIGITALINE CRISTALLISEE * DIGITALINE NATIVELLE * DIGITALINUM VERUM * DIGITOPHYLLIN * DIGITOXIGENIN TRIDIGITOXOSIDE * DITAVEN * GLUCODIGIN * LANATOXIN * MONO-GLYCOCARD * MYODIGIN * PURODIGIN * PURPURID * TARDIGAL * TRI-DIGITOXOSIDE (German) * UNIDIGIN
IRRITATION DATA AND REFERENCES:
eye-dog 1%/1D AJOPAA 56,889,63
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T75T7 orl-wmn TDLo:200 ug/kg (27-30W preg) AJCDAG 6,834,60
TOXICITY DATA AND REFERENCES:
2G04K13 orl-inf TDLo:150 ug/kg AJDCAI 130,425,76
ipr-man LDLo:44 ug/kg BSDCAI 2,73,79
orl-rat LD50:56 mg/kg TXAPA9 18,185,71
ipr-rat LD50:510 ug/kg TXAPA9 24,37,73
* ivn-rat LD50:4200 ug/kg AIPTAK 155,165,65
3A11F12G30 orl-mus LD50:32730 ug/kg AIPTAK 153,436,65
* ipr-mus LD50:3900 ug/kg AIPTAK 155,165,65
3A11F12G30 scu-mus LD50:22180 ug/kg AIPTAK 153,436,65
ivn-mus LD50:5 mg/kg CLDND*
ivn-dog LDLo:500 ug/kg HBAMAK 4,1289,35
orl-cat LD50:180 ug/kg AIPTAK 159,1,66
* ipr-cat LD50:170 ug/kg AIPTAK 155,165,65
* ivn-cat LDLo:240 ug/kg AIPTAK 155,165,65
idu-cat LDLo:373 ug/kg ARZNAD 19,687,69
ivn-rbt LDLo:1 mg/kg HBAMAK 4,1289,35
ivn-pig LDLo:400 ug/kg ARZNAD 20,229,70
idu-pig LDLo:550 ug/kg ARZNAD 20,229,70
orl-gpg LD50:500 mg/kg ARZNAD 15,481,65
* ipr-gpg LD50:1800 ug/kg AIPTAK 242,35,79
* ivn-gpg LDLo:834 ug/kg AEPPAE 252,314,66
idu-gpg LDLo:7250 ug/kg ARZNAD 20,229,70
* par-pgn LDLo:600 ug/kg CPBTAL 11,613,63
* orl-frg LD50:3050 ug/kg JJPAAZ 9,91,60
* scu-frg LD50:1050 ug/kg JJPAAZ 9,91,60
ivn-frg LD50:4 mg/kg CLDND*
* par-frg LDLo:1 mg/kg CPBTAL 11,613,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,183,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IH2650000 DIGITOXIN, 16-ACETATE
UPDT:8406 CAS: 73987-00-5
SYN: 16-ACETYLDIGITALINUM VERUM
TOXICITY DATA AND REFERENCES:
ivn-cat LDLo:255 ug/kg JMPCAS 5,988,62
* orl-frg LD50:36800 ug/kg JJPAAZ 9,91,60
* scu-frg LD50:490 ug/kg JJPAAZ 9,91,60

IH3000000 DIGITOXIN, TETRAFORMATE
UPDT:8306 MW: 877.09 MOLFM: C45-H64-O17
SYN: TETRAFORMYL-DIGITOXIN
TOXICITY DATA AND REFERENCES:
3A11F12G30 orl-mus LD50:5920 ug/kg AIPTAK 153,436,65
3A11F12G30 scu-mus LD50:4460 ug/kg AIPTAK 153,436,65
3A11F12G30 ivn-gpg LDLo:2900 ug/kg AIPTAK 153,436,65

IH3325000 DIGITOXOSIDE
UPDT:8402 CAS: 1339-93-1 MW: 765.05 MOLFM: C41-H64-O13
SYN: MONO-DIGITOXID (German)
TOXICITY DATA AND REFERENCES:
ivn-cat LDLo:270 ug/kg AEPPAE 237,222,59
ivn-gpg LDLo:310 ug/kg AEPPAE 237,222,59
* ivn-pgn LDLo:400 ug/kg APFRAD 9,730,51

DIGLYCEROL TETRANITRATE see: TZ0964000

N,N-DIGLYCIDYLANILIN (Czech) see: BW8925000

N-N-DIGLYCIDYLANILINE see: BW8925000

DIGLYCIDYLANILINE see: BW8924000 ANILINE, BIS(2,3-EPOXYPROPYL)-

DIGLYCIDYL BISPHENOL A ETHER see: TX3800000

N,N'-DIGLYCIDYL-5,5-DIMETHYLHYDANTOIN see: MT9190500

N,N'-DICLYCIDYL-5,5-DIMETHYLHYDANTOIN mixed with DIGLYCIDYL ETHER of NEOPENTYL GLYCOL see: MT9190600

DIGLYCIDYL ETHER see: KN2350000

DIGLYCIDYL ETHER of N,N-BIS(2-HYDROXYETHOXYETHYL)ANILINE see: BW8700000

DIGLYCIDYL ETHER of 2,2-BIS(p-HYDROXYPHENYL)PROPANE see: TX3800000

DIGLYCIDYL ETHER of 2,2 BIS(4-HYDROXYPHENYL)PROPANE see: TX3800000

DIGLYCIDYL ETHER of N,N-BIS(2-HYDROXYPROPYL)-tert-BUTYLAMINE see: JL9400000

DIGLYCIDYL ETHER of BISPHENOL A see: TX3800000

DIGLYCIDYL ETHER of BISPHENOL A mixed with BIS(2,3-EPOXYCYCLOPENTYL) ETHER (1:1) see: BP4911000

DIGLYCIDYL ETHER of 4,4'-ISOPROPYLIDENEDIPHENOL see: TX3800000

DIGLYCIDYL ETHER of NEOPENTYL GYLCOL see: TX3760000

DIGLYCIDYL ETHER of NEOPENTYL GYLCOL mixed with N,N'-DIGLYCIDYL-5,5-DIMETHYLHYDANTOIN see: MT9190600

DIGLYCIDYL ETHER of PHENYLDIETHANOLAMINE see: BW8750000

DIGLYCIDYL ETHER of RESORCINOL see: VH1050000

N-N-DIGLYCIDYLPHENYLAMINE see: BW8925000

DIGLYCIDYL RESORCINOL ETHER see: VH1050000

N,N-DIGLYCIDYL-p-TOLUENESULFONAMIDE see: XT5600000

N,N-DIGLYCIDYL-p-TOLUENESULPHONAMIDE see: XT5600000

DIGLYCIDYLTRIETHYLENE GLYCOL see: XF0700000

DIGLYCIN see: AI2975000

DIGLYCINE see: AI2975000

DIGLYCOALDEHYDE see: UO7451000

DIGLYCOL see: ID5950000

DIGLYCOLAMINE see: KJ6125000

DIGLYCOL CHLORHYDRIN see: KK1350000

DIGLYCOL DIMETHACRYLATE see: OZ4400000

DIGLYCOLDINITRAAT (Dutch) see: ID6825000

DIGLYCOL (DINITRATE DE) (French) see: ID6825000

DIGLYCOLIC ACID DI-(3-CARBOXY-2,4,6-TRIIODOANILIDE) DISODIUM see: DH6173000

DIGLYCOL MONOBUTYL ETHER see: KJ9100000

DIGLYCOL MONOBUTYL ETHER ACETATE see: KJ9275000

DIGLYCOL MONOETHYL ETHER see: KK8750000

DIGLYCOL MONOETHYL ETHER ACETATE see: KK8925000

DIGLYCOL MONOMETHYL ETHER see: KL6125000

DIGLYCOL MONOSTEARATE see: WI4025000

DIGLYCOLSAEURE-DI-(3-CARBOXY-2,4,6-TRIJOD-ANILID) DINATRIUM (German) see: DH6173000

DIGLYCOL STEARATE see: WI4025000

N-(N(sup 2),N(sup 6)-DIGLYCYL-D-LYSYL)AMPHOTERICIN B METHYL ESTER see: BU2680000

DIGLYKOKOLL see: AI2975000

DIGLYKOLDINITRAT (German) see: ID6825000

DIGORID A see: IH6300000

DIGORID B see: IH6330000

DIGOXIGENIN see: FH5390000

DIGOXIGENINE see: FH5390000

IH6125000 DIGOXIN
UPDT:8411 CAS: 20830-75-5 MW: 781.05 MOLFM: C41-H64-O14
SYN: CHLOROFORMIC DIGITALIN * DIGACIN * DIGITALIS GLYCOSIDE * DIGOXINE * HOMOLLE'S DIGITALIN * LANICOR * LANOXIN * ROUGOXIN * SK-DIGOXIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T4B ims-dom TDLo:810 ug/kg (1-18W preg) AJOGAH 121,1100,75
TOXICITY DATA AND REFERENCES:
3F14G04K13 orl-wmn TDLo:100 ug/kg NZMJAX 84,443,76
ipr-rat LD50:11 mg/kg TXAPA9 24,37,73
1G04 scu-rat LD50:30 mg/kg PPHAD4 1,97,80
* ivn-rat LD50:25 mg/kg AIPTAK 155,165,65
3A11F12G30 orl-mus LD50:17780 ug/kg AIPTAK 153,436,65
* ipr-mus LD50:5400 ug/kg AIPTAK 155,165,65
3A11F12G30 scu-mus LD50:12880 ug/kg AIPTAK 153,436,65
ivn-mus LDLo:20 mg/kg 27ZIAQ -,91,73
* par-mus LDLo:56 ug/kg SIHSD8 4(2),32,81
orl-dog LDLo:300 ug/kg CRSBAW 109,279,32
ivn-dog LDLo:200 ug/kg CRSBAW 109,279,32
orl-cat LD50:200 ug/kg AIPTAK 159,1,66
ivn-cat LDLo:159 ug/kg ARZNAD 19,657,69
idu-cat LDLo:559 ug/kg ARZNAD 19,687,69
* ivn-rbt LD50:3560 ug/kg NIIRDN 6,316,82
ivn-pig LDLo:230 ug/kg ARZNAD 20,229,70
idu-pig LDLo:1580 ug/kg ARZNAD 20,229,70
orl-gpg LD50:3500 ug/kg AIPTAK 159,1,66
* ipr-gpg LD50:800 ug/kg OYYAA2 7,373,73
scu-gpg LDLo:450 ug/kg 27ZIAQ -,91,73
3A11F12G30 ivn-gpg LDLo:468 ug/kg AIPTAK 153,436,65
* ims-gpg LD50:630 ug/kg NIIRDN 6,316,82
idu-cat LDLo:8600 ug/kg ARZNAD 20,229,70
3G04G10K13 ivn-pgn LDLo:337 ug/kg AIPTAK 126,412,60
* par-pgn LDLo:450 ug/kg CPBTAL 11,613,63
scu-frg LDLo:10 mg/kg ARZNAD 28,1095,78
* par-frg LDLo:1 mg/kg CPBTAL 11,613,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHJOAV 213,159,74; 85ELDJ -,190,63; ASXBA8 9,343,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IH6300000 DIGOXIN, ACETATE, alpha-
UPDT:8408 CAS: 5511-98-8 MW: 823.09 MOLFM: C43-H66-O15
SYN: ACETYL-DIGOXIN-alpha * alpha-ACETYLDIGOXIN * DIGORID A
TOXICITY DATA AND REFERENCES:
orl-cat LD50:200 ug/kg AIPTAK 159,1,66
ivn-cat LD50:466 ug/kg JPETAB 111,365,54
idu-cat LDLo:494 ug/kg ARZNAD 20,1765,70
orl-gpg LD50:3300 ug/kg AIPTAK 159,1,66
ivn-gpg LDLo:1380 ug/kg ARZNAD 15,483,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,187,63

IH6330000 DIGOXIN, ACETATE, beta-
UPDT:8408 CAS: 5355-48-6 MW: 823.09 MOLFM: C43-H66-O15
SYN: ACETYL-DIGOXIN-beta * beta-ACETYLDIGOXIN * HEXAMETHYLENIMINE, 3,5-DINITROBENZOATE * DIGORID B
TOXICITY DATA AND REFERENCES:
ivn-cat LD50:430 ug/kg JPETAB 111,365,54
idu-cat LDLo:413 ug/kg ARZNAD 19,687,69
orl-gpg LD50:2400 ug/kg ARZNAD 15,481,65
ivn-gpg LDLo:1500 ug/kg ARZNAD 15,481,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,187,63

DIGOXINE see: IH6125000

DIGOXIN, beta-METHYL- see: FH5310000

DIGOXIN, 4'''-O-METHYL- (BCI) see: FH5310000

DIGOXIN, 4'''-O-METHYL- see: FH4920605

IH6347600 DIGOXIN, PENTAFORMATE
UPDT:8306 MW: 921.10 MOLFM: C46-H64-O19
SYN: PENTAFORMYL DIGOXIN
TOXICITY DATA AND REFERENCES:
3A11F12G30 orl-mus LD50:9660 ug/kg AIPTAK 153,436,65
3A11F12G30 scu-mus LD50:9220 ug/kg AIPTAK 153,436,65
3A11F12G30 orl-gpg LDLo:8788 ug/kg AIPTAK 153,436,65
3A11F12G30 ivn-gpg LDLo:3515 ug/kg AIPTAK 153,436,65

DIGUANYL see: DU1750000

DIHEXADECYL PEROXYDICARBONATE see: SD9760000

DIHEXYL see: JR2125000

IH6825000 DIHEXYLAMINE, 2,2'-DIETHYL-
UPDT:8407 CAS: 106-20-7 MW: 241.52 MOLFM: C16-H35-N
SYN: BIS-2-ETHYLHEXYLAMIN * 2,2'-DIETHYLDIHEXYLAMINE * DI(2-ETHYLHEXYL)AMINE * 1-HEXANAMINE, 2-ETHYL-N-(2-ETHYLHEXYL)-
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV JIHTAB 31,60,49

BEST COPY AVAILABLE

skn-rbt 500 mg open MLD UCDS** 8/9/68
eye-rbt 750 ug SEV AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1640 mg/kg JIHTAB 31,60,49
ipr-mus LD50:800 mg/kg CBCCT* 2,184,50
skn-rbt LD50:1190 mg/kg UCDS** 8/9/68

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

IH6850000 DIHEXYLAMINE, N-NITROSO-
UPDT:8310 MW: 214.40 MOLFM: C12-H26-N2-O
SYN: N,N-DI-n-HEXYLNITROSAMINE * N-NITROSODIHEXYLAMINE

MUTATION DATA AND REFERENCES:
mma-sat 250 nmol/plate MUREAV 80,1,81

DI-n-HEXYL AZELATE see: CM2100000
DIHEXYL trans-BUTENEDIOATE see: LT1455000
DIHEXYL ETHER see: KN8600000
DIHEXYL FUMARATE see: LT1455000
DIHEXYL MALEATE see: OM9950000
N,N-DI-n-HEXYLNITROSAMINE see: IH6850000
DIHEXYLOXYETHYL ADIPATE see: AU9800000
DIHEXYL PHTHALATE see: TI1100000
DI-n-HEXYL PHTHALATE see: TI1100000
DIHEXYLTIN DICHLORIDE see: WH7220000
DIHEXYVERIN HYDROCHLORIDE see: DT7361000
DIHIDRAL see: KR6825000
DIHIDROBENZPERIDOL see: DE2100000
2α,2b-DIHOMO-PGD2 see: RA9455000
2α,2b-DIHOMO-PROSTAGLANDIN D2 see: RA9455000
DIHYCON see: MU1050000
DI-HYDAN see: MU1050000
DI-HYDAN see: MU1400000
DIHYDANTOIN see: MU1050000
DIHYDANTOIN see: MU1400000
DIHYDRALAZIN see: TH8849900
DIHYDRALAZINE see: TH8849900
DIHYDRALAZINE HYDROCHLORIDE see: TH8850000
DIHYDRALAZINE SULFATE see: TH8880000
DIHYDRALLAZIN see: TH8849900
1,4-DIHYDRAZINONAPHTHALAZINE see: TH8849900
DIHYDRAZINOPHTHALAZINE see: TH8849900
1,4-DIHYDRAZINOPHTHALAZINE see: TH8849900
1,4-DIHYDRAZINOPHTHALAZINE HYDROCHLORIDE see: TH8850000
1,4-DIHYDRAZINOPHTHALAZINE SULFATE see: TH8880000

IH7685400 DIHYDREL
UPDT:8306 CAS: 75034-93-4

TOXICITY DATA AND REFERENCES:
1Y21 orl-rat LD50:3500 mg/kg AIPTAK 123,48,59

DIHYDRIN see: QD1680000
1,2-DIHYDRO-5-ACENAPHTHYLENAMINE see: AB0900000
13-DIHYDROADRIAMYCIN see: QI9295800
DIHYDROAFLATOXIN B1 see: GY1722000
3',4'-DIHYDRO-1'-ALLYLSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE see: WH1310500
DIHYDROAMBRETTOLIDE see: RN9730000
2,3-DIHYDRO-6-AMINO-2-(2-CHLOROETHYL)-4H-1,3-BENZOXAZIN-4-ONE see: DM3678700
7,8-DIHYDRO-9-AMINO-7,7-DIMETHYL-4-(DIMETHYLAMINO)-6H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE HBr see: UW7681550
7,8-DIHYDRO-9-AMINO-7,7-DIMETHYL-4-(METHYLAMINO)-6H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE HBr see: UW7681600
2,3-DIHYDRO-6-AMINO-2-ETHYL-4H-1,3-BENZOXAZIN-4-ONE see: DM3679000
2,3-DIHYDRO-6-AMINO-2-METHYL-4H-1,3-BENZOXAZIN-4-ONE see: DM3679100
5,6-DIHYDRO-4-AMINO-1-beta-D-RIBOFURANOSYL-1,3,5-TRIAZIN-2(1H)-ONE HYDROCHLORIDE see: XZ3018600
DIHYDROANETHOLE see: BZ9450000
4,5-DIHYDROANTHANTHRENE see: HO7005000
(6-(3-(9,10-DIHYDRO-9-ANTHRYL)-D-ALANINE))-LHRH see: OK6455000
(6-(3-(9,10-DIHYDRO-9-ANTHRYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6455000
DIHYDROARECOLINE see: QU1987000

IH7891500 22,23-DIHYDROAVERMECTIN B1
UPDT:8403 CAS: 70288-86-7
SYN: HYVERMECTIN * IVERMECTIN (9CI) * MK 933

TOXICITY DATA AND REFERENCES:
* scu-ctl LDLo:8 mg/kg SCIEAS 221,823,83

DIHYDRO-5-AZACYTIDINE HYDROCHLORIDE see: XZ3018600
DIHYDROAZIRENE see: KX5075000
DIHYDRO-1H-AZIRINE see: KX5075000
1,2-DIHYDROBENZ(e)ACEANTHRYLENE see: CU0700000
1,2-DIHYDROBENZ(l)ACEANTHRYLENE see: CU0885000
4,5-DIHYDROBENZ(k)ACEPHENANTHRYLENE see: CU1575000
6b,7a-DIHYDROBENZ(1,10)ACEPHENANTHRYLENO(4,5-b)OXIRENE see: CU1600000
5,6-DIHYDROBENZ(c)ACRIDINE-7-CARBOXYLIC ACID see: CU3350000
trans-1,2-DIHYDROBENZ(c)ACRIDINE-1-beta,2-alpha-DIOL see: CU3650000
trans-3,4-DIHYDROBENZ(c)ACRIDINE-3-alpha,4-beta-DIOL see: CU3650050
trans-5,6-DIHYDROBENZ(c)ACRIDINE-5-beta,6-alpha-DIOL see: CU3650100
trans-8,9-DIHYDROBENZ(c)ACRIDINE-8-beta,9-alpha-DIOL see: CU3650150
trans-10,11-DIHYDROBENZ(c)ACRIDINE-10-alpha,11-beta-DIOL see: CU3650200
7,8-DIHYDRO-N-BENZYLADENINE see: AU6260400
1,2-DIHYDROBENZ(a)ANTHRACENE see: CW1777000
3,4-DIHYDROBENZ(a)ANTHRACENE see: CW1778000
7,11b-DIHYDROBENZ(b)INDENO(1,2-d)PYRAN-3,6α,9,10(6H)-TETROL see: DE3124000
1,2-DIHYDROBENZO(a)ANTHRACENE see: CW1777000
3,4-DIHYDROBENZO(a)ANTHRACENE see: CW1778000
6,13-DIHYDROBENZO(a)(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DE6300000
6-beta,7-alpha-DIHYDROBENZO(10,11)CHRYSENO(1,2-b)OXIRENE see: DJ7920000
2,3-DIHYDRO-1H-BENZO(a)CYCLOPENT(b)ANTHRACENE see: DE8650000
9,10-DIHYDRO-BENZO(c)PHENANTHRIDIN-7(8H)-ONE see: DI9862000 BENZO(c)PHENANTHRIDIN-7(8H)-ONE, 9,10-DIHYDRO-
7,8-DIHYDROBENZO(a)PYRENE see: DJ4965000
9,10-DIHYDROBENZO(a)PYRENE see: DJ4965400
9,10-DIHYDROBENZO(e)PYRENE see: DJ4965500
trans-4,5-DIHYDROBENZO(a)PYRENE-4,5-DIOL see: DJ4990000
(E)-7,8-DIHYDROBENZO(a)PYRENE-7,8-DIOL see: DJ4997000
7,8-DIHYDROBENZO(a)PYRENE-7-beta,8-alpha-DIOL see: DJ6307000
9,10-DIHYDROBENZO(a)PYRENE-9,10-DIOL see: DJ5010000
(Z)-9,10-DIHYDROBENZO(a)PYRENE-9,10-DIOL see: DJ6310200
3,4-DIHYDRO-2H-1,4-BENZOTHIAZINE HYDROCHLORIDE see: DL0713600
12-(2-((2,3-DIHYDRO-5-BENZOTHIENYL)CARBONYL)ETHYL)CYTISINE see: HA4040000
9,14-DIHYDROBENZO(b)TRIPHENYLENE see: DM2000000
4,5-DIHYDRO-2-BENZYL-6H-IMIDAZO(4,5,1-ij)QUINOLIN-6-ONE HYDROCHLORIDE see: NJ5916000
DIHYDROBLEOMYCIN B6 see: SY0570000
2,3-DIHYDRO-3-(p-BROMOPHENYL)-1-(3-CHLOROPROPIONYL)-4(1H)-QUINAZOLINONE see: VA3116900
3,4-DIHYDRO-3-(m-BROMOPHENYL)-1-ETHYL-2-METHYL-4-OXO-QUINAZOLINIUM PERCHLORATE see: VA2170000
3,4-DIHYDRO-3-(o-BROMOPHENYL)-1-ETHYL-2-METHYL-4-OXO-QUINAZOLINIUM PERCHLORATE see: VA2171000
2,3-DIHYDRO-3-(p-BROMOPHENYL)-1-(3-MORPHOLINOPROPIONYL)-4(1H)-QUINAZOLINONE see: VA3117030
2,3-DIHYDRO-3-(p-BROMOPHENYL)-1-(3-PIPERIDINOPROPIONYL)-4(1H)-QUINAZOLINONE see: VA3117050
1,3-DIHYDRO-7-BROMO-5-(2-PYRIDYL)-2H-1,4-BENZODIAZEPIN-2-ONE see: DE9800000
DIHYDROBUTADIENE SULPHONE see: XN0700000
3',4'-DIHYDRO-1-BUTYLSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE see: WH1310600
3',4'-DIHYDRO-3-BUTYLSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE see: WH1310700
2,3-DIHYDRO-5-CARBOXANILIDO-6-METHYL-1,4-OXATHIIN see: RP4550000
2,3-DIHYDRO-5-CARBOXANILIDO-6-METHYL-1,4-OXATHIIN, 4,4-DIOXIDE see: RP4900000
DIHYDROCARMINOMYCIN see: NZ7201500
DIHYDROCARVEOL see: OT0175150
1,6-DIHYDROCARVEOL see: OT0175150
DIHYDROCARVONE see: PC8710000
DIHYDROCHLORIDE SALT of DIETHYLENEDIAMINE see: TL4025000
(+-)-2,3-DIHYDRO-6-CHLORO-5-CYCLOHEXYL-1H-INDENE-1-CARBOXYLIC ACID see: NK4510000
5,7-DIHYDRO-10-CHLORO-5-(2-(DIMETHYLAMINO)ETHYL)-6H-INDOLO(2,3-c)QUINOLIN-6-ONE HCl see: NM3470000
1,3-DIHYDRO-7-CHLORO-3-HYDROXY-1-METHYL-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE see: DF1225000
2,3-DIHYDRO-7-CHLORO-1-METHYL-5-PHENYL-1H-1,4-BENZODIAZEPINE see: DE9070000
3,4-DIHYDRO-3-(o-CHLOROPHENYL)-1-ETHYL-2-METHYL-4-OXO-QUINAZOLINIUM PERCHLORATE see: VA2175000
3,4-DIHYDRO-3-(p-CHLOROPHENYL)-1-ETHYL-2-METHYL-4-OXO-QUINAZOLINIUM PERCHLORATE see: VA2176000
2,4-DIHYDRO-6-(2-CHLOROPHENYL)-1,2,3-TRIAZOLO(4,5-d)(2)BENZAZEPINE see: XZ5472000
3,4-DIHYDRO-6-CHLORO-7-SULFAMYL-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE see: DK9100000
DIHYDROCHLOROTHIAZID see: DK9100000
DIHYDROCHLOROTHIAZIDE see: DK9100000
3,4-DIHYDROCHLOROTHIAZIDE see: DK9100000
meso-DIHYDROCHOLANTHRENE see: FZ2800000
DIHYDROCHOLESTEROL see: FZ6350000
DIHYDROCHRYSENE see: GC0750000
1,2-DIHYDROCHRYSENE see: GC0750000
3,4-DIHYDROCHRYSENE see: GC0760000
trans-1,2-DIHYDROCHRYSENE-1,2-DIOL see: GC1150000
3,4-DIHYDRO-1(2H)-CHRYSENONE see: GC2010000
DIHYDROCINNAMALDEHYDE see: MW4890000
DIHYDROCITRONELLOL see: RH0900000
DIHYDROCITRONELLYL ACETATE see: RH0920000
DIHIDROCLORURO de BENZIDINA (Spanish) see: DD0600000
DIHYDROCODEINE see: QD1680000
7,8-DIHYDROCODEINE see: QD1680000
DIHYDROCODEINE PHOSPHATE see: QD1725000
DIHYDROCODEINONE see: QD2800000
DIHYDROCOUMARIN see: MW5775000
3,4-DIHYDROCOUMARIN see: MW5775000
DIHYDROCUMINYL ALCOHOL see: OS8395000
DIHYDROCUMINYL ALDEHYDE see: GW2967000
2,3-DIHYDRO-alpha-CYANO-6-METHYLERGOLINE-8-PROPIONAMIDE see: KE6345170
16,17-DIHYDRO-15H-CYCLOPENTA(a)PHENANTHRENE-15-ONE see: GY5711000
3,4-DIHYDROCYCLOPENTA(cd)PYRENE see: GY5855000
cis-3,4-DIHYDROCYCLOPENTA(cd)PYRENE-3,4-DIOL see: GY5855100
DIHYDROCYPERAQUINONE see: DF3328000
DIHYDRODAUNOMYCIN see: QI9335000
13-DIHYDRODAUNOMYCIN see: QI9335000
13-DIHYDRODAUNORUBICIN see: QI9335000
9,10-DIHYDRO-8α,10,-DIAZONIAPHENANTHRENE DIBROMIDE see: JM5690000
9,10-DIHYDRO-8α,10α-DIAZONIAPHENANTHRENE(1,1'-ETHYLENE-2,2'-BIPYRIDYLIUM)DIBROMIDE see: JM5690000
5,6-DIHYDRODIBENZ(a,h)ANTHRACENE see: HN3730000
5,6-DIHYDRODIBENZ(a,j)ANTHRACENE see: HN3850000
9,10-DIHYDRO-1,2,5,6-DIBENZANTHRACENE see: HN3675000
9,14-DIHYDRODIBENZ(a,c)ANTHRACENE see: DM2000000
trans-5,6-DIHYDRODIBENZ(a,h)ANTHRACENE-5,6-DIOL see: HN4249900
10,11-DIHYDRO-5-DIBENZ(b,f)AZEPINE see: HN8950000
3,4-DIHYDRO-1,2,5,6-DIBENZCARBAZOLE see: HO5700000
4,5-DIHYDRODIBENZO(def,mno)CHRYSENE see: HO7005000
5,8-DIHYDRODIBENZO(a,def)CHRYSENE see: HO7003500
7,14-DIHYDRODIBENZO(b,def)CHRYSENE see: HO7004200
10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE-5-CARBOXAMIDE see: HO7878000
(+-)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE-5-CARBOXYLIC ACID 3-QUINUCLIDINYL ESTER see: HO7960000
10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-ONE O-(PHENYLCARBAMOYL)OXIME see: HP1305000
1-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-3-(DIMETHYLAMINO)-2-PROPANONE HCl see: UC1638000
3-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-N,N-DIMETHYL-1-PROPANAMINE see: HO9275000
3-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-1-ETHYL-2-METHYLPYRROLIDINE see: UY0869000
10,11-DIHYDRO-(5H)-DIBENZO(b,e)(1,4)DIAZEPINE, 7-CHLORO-10-(2-(DIMETHYLAMINO)ETHYL)- see: HP1805000
5,8-DIHYDRO-3,4:9,10-DIBENZOPYRENE see: HO7003500
5,10-DIHYDRO-3,4:8,9-DIBENZOPYRENE see: HO7004200
1,4-DIHYDRO-4-(((2-(DIETHYLAMINO)ETHYL)AMINO)METHYLENE)-6,7-DIMETHOXY-3(2H)-ISOQUINOLINONE see: NX6037200
DIHYDRO-5,5-DIETHYL-2H-1,3-OXAZINE-2,4(3H)-DIONE see: RP6300000
1,6-DIHYDRO-N,N-DIETHYL-6-OXO-1-(1,3,4-THIADIAZOL-2-YLMETHYL)NICOTINAMIDE see: QS4470520
DIHYDRODIETHYLSTILBESTROL see: SL0560850
cis-5,6-DIHYDRO-5,6-DIHYDROXYBENZ(a)ANTHRACENE see: CW4630000
5,6-DIHYDRO-5,6-DIHYDROXY BENZ(a)ANTHRACENE see: CW1785900
(-)(3R,4R)-trans-3,4-DIHYDRO-3,4-DIHYDROXYBENZ(a)ANTHRACENE see: CW1784000
(+)-(3S,4S)-trans-3,4-DIHYDRO-3,4-DIHYDROXYBENZ(a)ANTHRACENE see: CW1785000
(-)(3R,4R)trans-3,4-DIHYDRO-3,4-DIHYDROXYBENZO(a)ANTHRACENE see: CW1784000
(+)-(3S,4S)-trans-3,4-DIHYDRO-3,4-DIHYDROXYBENZO(a)ANTHRACENE see: CW1785000
trans-3,4-DIHYDRO-3,4-DIHYDROXYBENZO(a)ANTHRACENE see: CW1783000
4,5-DIHYDRO-4,5-DIHYDROXYBENZO(a)PYRENE see: DJ4975000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

trans-4,5-DIHYDRO-4,5-DIHYDROXYBENZO(a)PYRENE see: DJ4990000
trans-7,8-DIHYDRO-7,8-DIHYDROXYBENZO(a)PYRENE see: DJ4997000
9,10-DIHYDRO-9,10-DIHYDROXYBENZO(a)PYRENE see: DJ5010000
trans-9,10-DIHYDRO-9,10-DIHYDROXYBENZO(a)PYRENE see: DJ5020000
7,8-DIHYDRO-7,8-DIHYDROXYBENZO(a)PYRENE 9,10-OXIDE see: DJ5032000
5,6-DIHYDRO-5,6-DIHYDROXYDIBENZ(a,h)ANTHRACENE see: HN3885000
trans-3,4-DIHYDRO-3,4-DIHYDROXYDIBENZ(a,h)ANTHRACENE see: HN3880000
trans-3,4-DIHYDRO-3,4-DIHYDROXYDIBENZO(a,h)ANTHRACENE see: HN3880000
trans-3,4-DIHYDRO-3,4-DIHYDROXYDIBENZO(a,e)FLUORANTHENE see: HO4750500
trans-12,13-DIHYDRO-12,13-DIHYDROXYDIBENZO(a,e)FLUORANTHENE see: HO4750000
2,3-DIHYDRO-1,4-DIHYDROXY-5,8-DIMETHYLAMINO-9,10-ANTHRACENEDIONE see: CA7782500
trans-3,4-DIHYDRO-3,4-DIHYDROXY-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CW1795500
trans-5,6-DIHYDRO-5,6-DIHYDROXY-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CW1795600
trans-8,9-DIHYDRO-8,9-DIHYDROXY-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CW1795060
(13-alpha,14-alpha)-14,19-DIHYDRO-8,12-DIHYDROXY-4,19-DIMETHYL-11,15-DIOXOCROTALANANIUM see: GP9030800
9,10-DIHYDRO-9,10-DIHYDROXY-9,10-DI-n-PROPYL-1,2:5,6-DIBENZANTHRACENE see: HN4300000
trans-3,4-DIHYDRO-3,4-DIHYDROXY-DMBA see: CW1795500
trans-8,9-DIHYDRO-8,9-DIHYDROXY-DMBA see: CW1795060
(+-)-(1R,2S,3R,4R)-3,4-DIHYDRO-3,4-DIHYDROXY-1,2-EPOXYBENZ(a)ANTHRACENE see: CX3072000
(+-)-(1S,2R,3R,4R)-3,4-DIHYDRO-3,4-DIHYDROXY-1,2-EPOXYBENZ(a)ANTHRACENE see: CW1795065
2,3-DIHYDRO-2,3-DIHYDROXYFLUORANTHENE see: LL4390000
trans-2,3-DIHYDRODIHYDROXYFLUORANTHENE see: LL4390400
cis-5,6-DIHYDRO-5,6-DIHYDROXY-12-METHYLBENZ(a)ACRIDINE see: CU3660000
BENZ(a)ACRIDINE-5,6-DIOL, 5,6-DIHYDRO-12-METHYL-, (Z)-
trans-3,4-DIHYDRO-3,4-DIHYDROXY-7-METHYLBENZ(a)ANTHRACENE see: CW1796000
trans-8,9-DIHYDRO-8,9-DIHYDROXY-7-METHYLBENZ(a)ANTHRACENE see: CW1797000
cis-2-alpha,3-DIHYDRODIHYDROXY-3-METHYLCHOLANTHRENE see: FZ3429000
trans-4,5-DIHYDRO-4,5-DIHYDROXY-3-METHYLCHOLANTHRENE see: FZ3495000
trans-7,8-DIHYDRO-7,8-DIHYDROXY-3-METHYLCHOLANTHRENE see: FZ3430000
trans-11,12-DIHYDRO-11,12-DIHYDROXY-3-METHYLCHOLANTHRENE see: FZ3470000
1,2-DIHYDRO-1,2-DIHYDROXY-5-METHYLCHRYSENE see: GC1170000
7,8-DIHYDRO-7,8-DIHYDROXY-5-METHYLCHRYSENE see: GC1175000
4,5-DIHYDRO-4,5-DIHYDROXY-2-METHYLFLUORANTHENE see: LL4392000
4,5-DIHYDRO-4,5-DIHYDROXY-3-METHYLFLUORANTHENE see: LL4394000
3,4-DIHYDRO-6,8-DIHYDROXY-3-(6-METHYLTETRAHYDRO-2H-PYRAN-2-YL)ISOCOUMARIN see: NQ7850000
1,4-DIHYDRO-3,5-DIIODO-1-METHYL-4-OXO-2,6-PYRIDINEDICARBOXYLIC ACID DISODIUM SALT see: US7970000
DIHYDRO-3,5-DIIODO-1-METHYLPYRIDINE-2,6-DICARBOXYLIC ACID DISODIUM SALT see: US7970300
1,4-DIHYDRO-1,4-DIKETONAPHTHALENE see: QL7175000
5,6-DIHYDRO-9,10-DIMETHOXYBENZO(g)-1,3-BENZODIOXOLO(5,6-a)QUINOLIZINIUM SULFATE TRIHYDRATE see: DR9867500
1,4-DIHYDRO-6,7-DIMETHOXY-4-((DIMETHYLAMINO)METHYLENE)-3(2H)-ISOQUINOLINONE see: NX6037220
3,4-DIHYDRO-6,7-DIMETHOXY-1(2H)-ISOQUINOLINONE HYDRAZONE HYDROCHLORIDE see: NX6037240
(S)-4-(3,4-DIHYDRO-6,7-DIMETHOXY-1-METHYL-2(1H)-ISOQUINOLINYL)BENZENAMIDE see: CX9795000
5,6-DIHYDRO-8,9-DIMETHOXY-1,2,4-TRIAZOLO(3,4-a)ISOQUINOLINE see: XZ5478470
3,4-DIHYDRO-9-(2-(DIMETHYLAMINO)ETHYL)-6-METHOXY-9H-PYRIDO(3,4-b)INDOL-1(2H)-ONE see: UV1054000
3,4-DIHYDRO-9-(2-(DIMETHYLAMINO)ETHYL)-7-METHOXY-9H-PYRIDO(3,4-b)INDOL-1(2H)-ONE see: UV1055000
3,4-DIHYDRO-9-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-9H-PYRIDO(3,4-b)INDOL-1(2H)-ONE see: UV1056000
1,2-DIHYDRO-3-DIMETHYLAMINO-7-METHYL-1,2-(PROPYLMALONYL)-1,2,4-BENZOTRIAZINE see: UQ9835000
1,2-DIHYDRO-3-DIMETHYLAMINO-7-METHYL-1,2-(PROPYLMALONYL)-1,2,4-BENZOTRIAZINE DIHYDRATE see: UQ9840000
5,6-DIHYDRO-N-(3-(DIMETHYLAMINO)PROPYL)-11H-DIBENZ(b,e)AZEPINE see: HO1575000
10,11-DIHYDRO-5-(gamma-DIMETHYLAMINOPROPYLIDENE)-5H-DIBENZO(a,d)CYCLOHEPTENE see: HO9275000
3,4-DIHYDRO-9-(3-(DIMETHYLAMINO)PROPYL)-3-METHYL-9H-PYRIDO(3,4-b)INDOL-1(2H)-ONE see: UV1056500
5,6-DIHYDRO-7,12-DIMETHYL-BENZ(a)ANTHRACENE see: CW1800000
2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL (DI-n-BUTYLAMINOSULFENYL)METHYLCARBAMATE see: EZ3815000
2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL((DIBUTYLAMINO)THIO) METHYL CARBAMATE see: EZ3815000
2,3-DIHYDRO-2,2-DIMETHYLBENZOFURANYL-7-N-METHYLCARBAMATE see: FB9450000
2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL METHYLCARBAMATE see: FB9450000
2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL NITROSO-METHYL CARBAMATE see: FC6250000
3,4-DIHYDRO-2,2-DIMETHYL-2H-1-BENZOPYRAN-8-YL METHYLCARBAMATE see: FC0875000
3,4-DIHYDRO-1,11-DIMETHYLCHRYSENE see: GC0800000
16,17-DIHYDRO-11,17-DIMETHYLCYCLOPENTA(a)PHENANTHRENE see: GY5680000
15,16-DIHYDRO-11,12-DIMETHYLCYCLOPENTA(a)PHENANTHREN-17-ONE see: GY5715000
10,11-DIHYDRO-N,N-DIMETHYL-5H-DIBENZO(a,d)-CYCLOHEPTENE-delta(sup 5,gamma)-PROPYLAMINE HCL see: HO9450000
10,11-DIHYDRO-N,N-DIMETHYL-5H-DIBENZO(a,d)HEPTALENE-delta(sup 5),gamma-PROPYLAMINE see: HO9275000
2,3-DIHYDRO-2,5-DIMETHYL-2-FORMYL-1,4-PYRAN see: UP7875000
5,6-DIHYDRO-2,6-DIMETHYL-4H-IMIDAZO(4,5,1-ij)QUINOLIN-6-OL HYDROCHLORIDE see: NJ5912000
trans-p-(3,4-DIHYDRO-2,2-DIMETHYL-7-METHOXY-4-PHENYL-2H-1-BENZOPYRAN-3-YL)PHENOL see: SL0680000
1,4-DIHYDRO-2,6-DIMETHYL-4-(2-NITROPHENYL)-3,5-PYRIDINEDICARBOXYLIC ACID DIMETHYL ESTER see: US7975000
10,11-DIHYDRO-alpha,8-DIMETHYL-11-OXO-DIBENZ(b,f)OXEPIN-2-ACETIC ACID see: HQ4083000
10,11-DIHYDRO-alpha,8-DIMETHYL-11-OXO-DIBENZO(b,f)THIEPIN-2-ACETIC ACID see: HQ2525000
3,7-DIHYDRO-3,7-DIMETHYL-1-(5-OXOHEXYL)-1H-PURINE-2,6-DIONE see: XH2475000
3,4-DIHYDRO-2,2-DIMETHYL-4-OXO-2H-PYRAN-6-CARBOXYLIC ACID, n-BUTYL ESTER see: UP7000000
1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL-3H-PYRAZOL-3-ONE see: CD2450000
4-(4,5-DIHYDRO-5,5-DIMETHYL-1-PHENYL-1H-PYRAZOL-3-YL)-3-HYDROXY-2(5H)-FURANONE see: LU3569160
4-(4,5-DIHYDRO-5,5-DIMETHYL-1-PHENYL-1H-PYRAZOL-3-YL)-3-HYDROXY-5-METHYL-2(5H)-FURANONE see: LU3569170
10,11-DIHYDRO-N,N-DIMETHYL-2-(1-PIPERIDINYLMETHYL)-5H-DIBENZ(b,f)AZEPINE-5-ETHANAMINE see: HO2551000
10,11-DIHYDRO-N,N-DIMETHYL-2-(1-PIPERIDINYLMETHYL)-5H-DIBENZ(b,f)AZEPINE-5-PROPANAMINE see: HO2890100
3,7-DIHYDRO-1,3-DIMETHYL-1H-PURINE-2,6-DIONE see: XH3850000
3,7-DIHYDRO-3,7-DIMETHYL-1H-PURINE-2,6-DIONE see: XH2275000
3,7-DIHYDRO-1,3-DIMETHYL-1H-PURINE-2,6-DIONE compd. with 1,2-ETHANEDIAMINE (2:1) see: XH5600000
2,3-DIHYDRO-2,4-DIMETHYL-5H-PYRIDO(3,2-b)INDOLE HYDROCHLORIDE see: UU9785000
6',7'-DIHYDRO-3',7'-DIMETHYLSPIRO(CYCLOHEXANE-1,5'-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-7'-OL HCl see: WH0194600 SPIRO(CYCLOHEXANE-1,5'-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-7'-OL, 6',7'-DIHYDRO-3',7'DIMETHYL-, MONOHYDROCHLORIDE
6',7'-DIHYDRO-3',7'-DIMETHYLSPIRO(CYCLOHEXANE-1,5'-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-7'-OL HBr see: WH0194580 SPIRO(CYCLOHEXANE-1,5'-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-7'-OL, 6',7'-DIHYDRO-3',7'DIMETHYL-, MONOHYDROBROMIDE
13,14-DIHYDRODINOPROST see: MJ9669050
3-(2,3-DIHYDRO-1,1-DIOXIDO-3-OXO-1,2-BENZISOTHIAZOL-2-YL)-2-OXOPIPERIDINE see: DE4610000
1,3-DIHYDRO-1,3-DIOXO-5-ISOBENZOFURANCARBOXYLIC ACID see: DC2050000
S-((1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)METHYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TF6500000
S-((1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)METHYL) O-ETHYL O-METHYL PHOSPHORODITHIOATE see: TE4100000
S-((1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)METHYL) O-ETHYL O-PROPYL PHOSPHORODITHIOATE see: TE4170000
S-((1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)METHYL) O-METHYL O-PROPYL PHOSPHORODITHIOATE see: TE4600000
5,10-DIHYDRO-5,10-DIOXONAPHTHO(2,3-b)-p-DITHIIN-2,3-DICARBONITRILE see: QL0700000
1,2-DIHYDRO-3,4-DIPHENYL-7-METHOXYNAPHTHALENE see: QJ4376000
5,6-DIHYDRO-2,4-DIPHENYLNAPHTHO(2,1-b)PYRYLIUM compd. with TETRAFLUOROBORATE(1-) see: QL6310000
1,4-DIHYDRO-3,6-DIPHENYL-1,2,4,5-TETRAZINE see: XF6863000
7,14-DIHYDRO-7,14-DIPROPYLDIBENZ(a,h)ANTHRACENE-7,14-DIOL see: HN4300000
5,6-DIHYDRO-DIPYRIDO(1,2a;2,1c)PYRAZINIUM DIBROMIDE see: JM5690000
DIHYDROELATERICIN A see: RC6305600
3,4-DIHYDRO-3,4-EPOXY-1,2-BENZANTHRACENE see: CW4900000
5,6-DIHYDRO-5,6-EPOXYBENZ(a)ANTHRACEN-7-OL see: CX5030000
4,5-DIHYDRO-4,5-EPOXYBENZO(e)PYRENE see: DJ5051500
11,13-DIHYDRO-2,3-EPOXYHELENALIN see: RR1103000
11,12-DIHYDRO-11,12-EPOXY-3-METHYLCHOLANTHRENE see: FZ2975000
7,8-DIHYDRO-4,5-alpha-EPOXY-17-METHYLMORPHINAN-3,6-alpha-DIOL DIACETATE see: QC8050000
1,2-DIHYDRO-4-(p-(2,3-EPOXYPROPOXY)PHENYL)-7-METHOXY-3-PHENYLNAPHTHALENE see: QJ4377000
alpha-DIHYDROEQUILENIN see: KG6000000
beta-DIHYDROEQUILENIN see: KG6025000
alfa-DIHYDROEQUILENINA (Spanish) see: KG6000000
beta-DIHYDROEQUILENINA (Spanish) see: KG6025000
DIHYDROERGOCORNINE see: KE1099000
9,10-DIHYDROERGOCORNINE see: KE1099000
DIHYDROERGOKRYPTINE TARTRATE see: KE1600000
DIHYDROERGOTOXINE MESYLATE see: KE8800000
DIHYDROERGOTOXINE METHANESULFONATE see: KE8800000
DIHYDROERGOTOXINE METHANESULPHONATE see: KE8800000
DIHYDROERGOTOXIN MESYLATE see: KE8800000
DIHYDROERGOTOXIN METHANESULFONATE see: KE8800000
DIHYDROESTRIN BENZOATE see: KG4050000
DIHYDROESTRONE see: KG7749000
7,14-DIHYDRO-7,14-ETHANODIBENZ(a,h)ANTHRACENE-15,16-DICARBOXYLIC ACID see: KJ4630000
1,2-DIHYDRO-6-ETHOXY-2,2,4-TRIMETHYLQUINOLINE see: VB8225000
2,3-DIHYDRO-2-ETHYL-4H-1,3-BENZOXAZIN-4-ONE see: DM3835000
15,16-DIHYDRO-11-ETHYLCYCLOPENTA(a)PHENANTHREN-17-ONE see: GY5720000
1,4-DIHYDRO-1-ETHYL-6-FLUORO-4-OXO-7-(1-PIPERAZINYL)-3-QUINOLINECARBOXYLIC ACID see: VB2005000
3,4-DIHYDRO-1-ETHYL-3-(p-METHOXYPHENYL)-2-METHYL-4-OXO-QUINAZOLINIUM PERCHLORATE see: VA2178000
2,3-DIHYDRO-3-ETHYL-6-METHYL-1H-CYCLOPENTA(a)ANTHRACENE see: GY5270000
1,4-DIHYDRO-1-ETHYL-7-METHYL-4-OXO-1,8-NAPHTHYRIDINE-3-CARBOXYLIC ACID see: QN2885000
3,4-DIHYDRO-1-ETHYL-2-METHYL-4-OXO-3-PHENYLQUINAZOLINIUM PERCHLORATE see: VA2186000
3,4-DIHYDRO-1-ETHYL-2-METHYL-4-OXO-3-(m-TOLYL)QUINAZOLINIUM PERCHLORATE see: VA2181000
3,4-DIHYDRO-1-ETHYL-2-METHYL-4-OXO-3-(o-TOLYL)QUINAZOLINIUM PERCHLORATE see: VA2183000
3,4-DIHYDRO-1-ETHYL-2-METHYL-4-OXO-3-(p-TOLYL)QUINAZOLINIUM PERCHLORATE see: VA2184000
4,7-DIHYDRO-4-ETHYL-2-PHENYL-PYRAZOLO(1,5-a)PYRIMIDIN-7-ONE see: UR0801000
3',4'-DIHYDRO-1-ETHYLSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE see: WH1310800
6,7-DIHYDRO-3-ETHYL-2,5,5,7-TETRAMETHYL-5H-THIAZOLO(3,2-a)PYRIMIDIN-7-OL HYDROBROMIDE see: XJ7055100
6,7-DIHYDRO-3-ETHYL-2,5,5,7-TETRAMETHYL-5H-THIAZOLO(3,2-a)PYRIMIDIN-7-OL HYDROCHLORIDE see: XJ7055200
DIHYDROEUGENOL see: SL8050000
DIHYDROFLUMETHAZIDE see: DK9625000
DIHYDROFLUMETHIAZIDE see: DK9625000
2,3-DIHYDRO-2,3-FLUORANTHENEDIOL see: LL4390000
trans-2,3-DIHYDROFLUORANTHENE-2,3-DIOL see: LL4390400
6,13-DIHYDRO-2-FLUORO-BENZO(g)(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DE6320000
6,13-DIHYDRO-3-FLUORO-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DE6312000
6,13-DIHYDRO-4-FLUORO-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DE6318000
6,11-DIHYDRO-2-FLUORO-(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DL9920000
1,2-DIHYDRO-4-(p-FLUOROPHENYL)-7-METHOXY-3-PHENYLNAPHTHALENE see: QJ4378000
1,3-DIHYDRO-5-(o-FLUOROPHENYL)-1-METHYL-7-NITRO-2H-1,4-BENZODIAZEPIN-2-ONE see: DF2385000
DIHYDROFOLLICULAR HORMONE see: KG2975000
DIHYDROFOLLICULIN see: KG2975000
DIHYDROFOLLICULIN BENZOATE see: KG4050000
1,6-DIHYDRO-alpha-(1-FORMYL-2-HYDROXYETHOXY)-6-OXO-9H-PURINE-9-ACETALDEHYDE see: UO7450800
alpha-DIHYDROFUCOSTEROL see: WJ2600000
DIHYDRO-2,5-FURANDIONE see: WN0875000
DIHYDRO-2(3H)-FURANONE see: LU3500000
DIHYDROFUROBENZOFURAN see: LV0910000
DIHYDROGEN HEXACHLOROPLATINATE see: TP1500000
DIHYDROGEN HEXACHLOROPLATINATE(2-) see: TP1500000
DIHYDROGEN HEXACHLOROPLATINATE HEXAHYDRATE see: TP1510000
DIHYDROGEN HEXAFLUOROSILICATE see: VV8225000
DIHYDROGEN HEXAFLUOROSILICATE (2-) see: VV8225000
DIHYDROGEN OXIDE see: ZC0110000
DIHYDROHARMINE see: UU9800000
3,4-DIHYDROHARMINE see: UU9800000
DIHYDROHELENALIN see: BD9638000
DIHYDROHELENALIN see: CO4830000
2,3-DIHYDROHELENALIN see: CO4830000
11,13-DIHYDROHELENALIN see: BD9638000

BEST COPY AVAILABLE

beta-DIHYDROHEPTACHLOR see: PB9520100
3',4'-DIHYDRO-1-HEXYLSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE see: WH1310900
14,15-DIHYDRO-14-HYDROXYEBURNAMENINE-14-CARBOXYLIC ACID METHYL ESTER see: YY8575000
DIHYDRO-3-HYDROXYESTRA-1,3,5(10)-TRIEN-17-ONE see: KG7749000
3,7-DIHYDRO-8-((2-HYDROXYETHYL)METHYLAMINO)-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE see: EV6566000 CAFFEINE, 8-((2-HYDROXYETHYL)METHYLAMINO)-
3',4'-DIHYDRO-1'-(2-HYDROXYETHYL)SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE-2,5-DIONE see: WH1311100
4,5-DIHYDRO-4-HYDROXY-6-(p-HYDROXYPHENYL)-4-METHYL-2-MORPHOLINOETHYL-3(2H)-PYRIDAZONE HCl see: UR6360000
2,3-DIHYDRO-3-HYDROXY-2-IMINO-6-(1-PIPERIDINYL)-4-PYRIMIDINAMINE see: UV8200000
3a,12c-DIHYDRO-8-HYDROXY-6-METHOXY-7H-FURO(3',2':4,5)FURO(2,3-c)XANTHEN-7-ONE see: LV1750000
2,3-DIHYDRO-3-(HYDROXYMETHYL)-5H-1,4-BENZODIOXEPIN-5-ONE see: DF4726100
15,16-DIHYDRO-11-HYDROXYMETHYL-17H-CYCLOPENTA(a)PHENANTHREN-17-ONE see: GY5725000
15,16-DIHYDRO-15-HYDROXY-11-METHYL-17H-CYCLOPENTA(a)PHENANTHREN-17-ONE see: GY5726000
15,16-DIHYDRO-16-HYDROXY-11-METHYLCYCLOPENTA(a)PHENANTHREN-17-ONE see: GY5730000
4,5-DIHYDRO-2-HYDROXYMETHYLENE-17-alpha-METHYLTESTOSTERONE see: BV8060000
3,4-DIHYDRO-8-HYDROXY-3-METHYLISOCOUMARIN see: NQ7860000
DIHYDRO-14-HYDROXY-4-O-METHYL-6-beta-THEBAINOL see: QC8960000
DIHYDRO-7-HYDROXYMYOPORONE see: RA8248000
2,3-DIHYDRO-3-HYDROXY-2-OXO-TRYPTOPHAN mixed with SODIUM NITRITE see: NM2035000
9,10-DIHYDRO-9,10-HYDROXY-PHENANTHRENE see: SF7353900
3,7-DIHYDRO-1-(2-HYDROXYPROPYL)-3,7-DIMETHYL-1H-PURINE-2,6-DIONE (9CI) see: XH2387000
3,7-DIHYDRO-7-(2-HYDROXYPROPYL)-1,3-DIMETHYL-1H-PURINE-2,6-DIONE see: XH5907500
2,3-DIHYDRO-3-HYDROXYPYRROLO(2,1-b)QUINAZOLIN-9(1H)-ONE HYDROCHLORIDE see: UY9465000
DIHYDRO-14-HYDROXY-6-beta-THEBAINOL 4 METHYL ESTER see: QC8900000
4,6-DIHYDRO-8-HYDROXY-3,4,5-TRIMETHYL-6-OXO-3H-2-BENZOPYRAN-7-CARBOXYLIC ACID see: DJ2275000
5,6-DIHYDRO-3H-IMIDAZO(2,1-c)-1,2,4-DITHIAZOLE-3-THIONE see: NI2935500
4,5-DIHYDROIMIDAZOLE-2(3H)-THIONE see: NI9625000
4,5-DIHYDRO-6-(4-(1H-IMIDAZOL-1-YL)PHENYL)-3(2H)-PYRIDAZINONE HYDROCHLORIDE see: UR63720003(2H)-PYRIDAZINONE, 4,5-DIHYDRO-6-(p-(1 IMIDAZOLYL)PHENYL)-, MONOHYDROCHLORIDE
2,3-DIHYDRO-1H-IMIDAZO(1,2-b)PYRAZOLE see: NJ5098950
1,6-DIHYDRO-6-IMINOPURINE see: AU6125000
3,6-DIHYDRO-6-IMINOPURINE see: AU6125000
DIHYDRO-alpha-IONONE see: EM0535000
DIHYDRO-ISOJASMONE see: GY7290000
(-)-2,3-DIHYDRO-2-ISOPROPENYL-5-METHYLBENZO(1,2-b:5,4-b')DIFURAN-4,8-DIONE see: DF3328000
2,3-DIHYDRO-2-ISOPROPYL-4H-1,3-BENZOXAZIN-4-ONE see: DM3836000
3,4-DIHYDRO-2(1H)-ISOQUINOLINE CARBOXAMIDINE SULFATE see: NW7010000
3,4-DIHYDRO-2(1H)-ISOQUINOLINEETHANOL ACETATE HYDROCHLORIDE see: NX0518000
4-(2-(3,4-DIHYDRO-2(1H)-ISOQUINOLINYL)ETHYL)-1-PIPERAZINECARBOXYLIC ACID ETHYL ESTER HCl see: TL1360000 1-PIPERAZINECARBOXYLIC ACID, 4-(2-(3,4-DIHYDRO-2(1H)-ISOQUINOLINYL)ETHYL)-,ETHYL ESTER, MONOHYDROCHLORIDE
N-((3,4-DIHYDRO-2(1H)-ISOQUINOLYL)METHYL)SUCCINIMIDE see: WN2530000
DIHYDROJASMONE see: GY7302000
DIHYDROKARMINOMYCIN see: NZ7201500
1,2-DIHYDRO-2-KETOBENZISOSULFONAZOLE see: DE4200000
1,2-DIHYDRO-2-KETOBENZISOSULPHONAZOLE see: DE4200000
DIHYDROMENFORMON see: KG2975000
1,2-DIHYDRO-5-(MERCAPTOMETHYL)-3H-1,2,4-TRIAZOLE-3-THIONE see: XZ5359100
1,2-DIHYDRO-5-(MERCAPTOMETHYL)-3H-1,2,4-TRIAZOL-3-ONE see: XZ5483200
5,6-DIHYDROBENZ(a)ANTHRACENE see: CW1778500
15,16-DIHYDRO-11-METHOXYCYCLOPENTA(a)PHENANTHREN-17-ONE see: GY5745000
15,16-DIHYDRO-6-METHOXY-11-METHYL-17H-CYCLOPENTA(a)PHENANTHREN-17-ONE see: GY5745500
15,16-DIHYDRO-11-METHOXY-7-METHYLCYCLOPENTA(a)PHENANTHREN-17-ONE see: GY5750000
(R)-5,6-DIHYDRO-4-METHOXY-6-(3,4-(METHYLENEDIOXY)STYRYL)-2H-PYRAN-2-ONE see: UQ0517000
3,4-DIHYDRO-7-METHOXY-1-METHYL-9-PYRID(3,4-b)INDOLE see: UU9800000
4,9-DIHYDRO-7-METHOXY-1-METHYL-3H-PYRIDO(3,4-b)INDOLE see: UU9800000
S-(2,3-DIHYDRO-5-METHOXY-2-OXO-1,3,4-THIADIAZOL-3-METHYL) DIMETHYL PHOSPHOROTHIOLOTHIONATE see: TE2100000
(E)-1-(2-(4-(3,4-DIHYDRO-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE see: UY0877200
(Z)-1-(2-(4-(3,4-DIHYDRO-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE see: UY0877500
1-(2-(4-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHALENYL)PHENOXY)ETHYL)PYRROLIDENE see: UY0880000
1-(2-(p-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHYL)PHENOXY)ETHYL)PYRROLIDINE see: UY0880000
1-(2-(p-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UY0881100
1,2-DIHYDRO-7-METHOXY-3-PHENYL-4-(p-TOLYL)NAPHTHALENE see: QJ4379000
13-DIHYDRO-3'-(4-METHOXY-1-PIPERIDINYL)-3-DEAMINODAUNORUBICIN see: QI9430000
3',4'-DIHYDRO-7'-METHOXYSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE see: WH1311400
(R)-5,6-DIHYDRO-4-METHOXY-6-STYRYL-2H-PYRAN-2-ONE see: LQ0518000
3,12-DIHYDRO-6-METHOXY-3,3,12-TRIMETHYL-7H-PYRANO(2,3-c)ACRIDIN-7-ONE see: UQ0330000
7,8-DIHYDRO-9-METHYLAMINO-6H-CYCLOPENTA(e)-s-TRIAZOLO(4,3-b)PYRIDAZINE see: GY5946450
1,4-DIHYDRO-2-METHYLAMINOISOQUINOLIN-3(2H)-ONE see: NX6037400
10,11-DIHYDRO-5-(3-METHYLAMINOPROPYL)-5H-DIBENZ(b,f)AZEPINE see: HO0350000
10,11-DIHYDRO-5-(3-(METHYLAMINO)PROPYL)-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO0525000
1,2-DIHYDRO-3-METHYLBENZ(j)ACEANTHRYLENE compd. with 2,4,6-TRINITROPHENOL (1:1) see: CU0950000
2,3-DIHYDRO-2-METHYLBENZOFYRANYL-7 N-METHYLCARBAMATE see: FB9625000
9,10-DIHYDRO-7-METHYLBENZO(a)PYRENE see: DJ5055000
2,3-DIHYDRO-2-METHYL-4H-1,3-BENZOXAZIN-4-ONE see: DM3843200
1',2'-DIHYDRO-4'-METHYL-3,4-BENZPYRENE see: DJ5055500
(9R)-10,11-DIHYDRO-6'-(3-METHYLBUTOXY)CINCHONAN-9-OL see: MW6650000
10,11-DIHYDRO-6'-(3-METHYLBUTOXY)CINCHONAN-9-OL see: MW6650000 HYDROCUPREINE, O(SUP 6')-ISOPENTYL-
meso-DIHYDRO-3-METHYLCHOLANTHRENE see: FZ3150000
11,12-DIHYDRO-3-METHYLCHOLANTHRENE see: FZ3325000
11,12-DIHYDRO-3-METHYLCHOLANTHRENE-11,12-DIOL, (E) see: FZ3470000
9,10-DIHYDRO-3-METHYLCHOLANTHRENE-1,9,10-TRIOL see: FZ4065000
15,16-DIHYDRO-3-METHYLCYCLOPENTA(a)PHENANTHRENE-17-ONE see: GY5752000
15,16-DIHYDRO-11-METHYLCYCLOPENTA(a)PHENANTHRENE-17-ONE see: GY5811000
15,16-DIHYDRO-11-METHYL-17H-CYCLOPENTA(a)PHENANTHREN-17-OL see: GY5710000
15,16-DIHYDRO-7-METHYLCYCLOPENTA(a)PHENANTHREN-17-ONE see: GY5758000
15,16-DIHYDRO-11-METHYLCYCLOPENTA(a)PHENANTHREN-17-ONE see: GY5775000
15,16-DIHYDRO-11-METHYL-17H-CYCLOPENTA(a)PHENANTHREN-17-ONE see: GY5775000
16,17-DIHYDRO-11-METHYLCYCLOPENTA(a)PHENANTHREN-15-ONE see: GY5765000
10,11-DIHYDRO-N-METHYL-5H-DIBENZO(a,d)CYCLOHEPTANE-delta,gamma-PROPYLAMINE see: HO9800000
1,4-DIHYDRO-1-METHYL-3,6-DIPHENYL-1,2,4,5-TETRAZINE see: XF6863100
16,17-DIHYDRO-17-METHYLENE-15H-CYCLOPENTA(a)PHENANTHRENE see: GY5650000
DIHYDROMETHYLEUGENOL see: CZ7178000
N-(4,5-DIHYDRO-1-METHYL-1H-IMIDAZOL-2-YL)-N'-(2,6-DIMETHYLPHENYL)-UREA HYDROCHLORIDE see: YS9817000
5,6-DIHYDRO-2-METHYL-4H-IMIDAZO(4,5,1-ij)QUINOLIN-6-OL HYDROCHLORIDE see: NJ5914000
4,5-DIHYDRO-2-METHYL-6H-IMIDAZO(4,5,1-ij)QUINOLIN-6-ONE HYDROCHLORIDE see: NJ5918000
4,5-DIHYDRO-2-METHYL-6H-IMIDAZO(4,5,1-ij)QUINOLIN-6-ONE OXIME HYDROCHLORIDE see: NJ5919000
1,3-DIHYDRO-1-METHYL-7-NITRO-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE see: DF2410000
2,3-DIHYDRO-6-METHYL-1,4-OXATHIIN-5-CARBOXANILIDE see: RP4550000
5,6-DIHYDRO-2-METHYL-1,4-OXATHIIN-3-CARBOXANILIDE see: RP4550000
5,6-DIHYDRO-2-METHYL-1,4-OXATHIIN-3-CARBOXANILIDE 4,4-DIOXIDE see: RP4900000
N-(4,5-DIHYDRO-4-METHYL-5-OXO-1,2-DITHIOLO(4,3-b)PYRROL-6-YL)ACETAMIDE see: JP1355000
2-(1,6-DIHYDRO-4-METHYL-6-OXO-2-PYRIMIDINYLTHIO)-2-METHYLPROPIONIC ACID SODIUM SALT see: UF1545000
1,4-DIHYDRO-1-METHYL-4-OXOQUINOLINE see: VC8618000
3,4-DIHYDRO-2-METHYL-4-OXO-3-o-TOLYLQUINAZOLINE see: VA3850000
3,6-DIHYDRO-alpha-((2-METHYLPHENOXY)METHYL)-1(2H)-PYRIDINEETHANOL HYDROCHLORIDE see: UB8670000
5-6-DIHYDRO-2-METHYL-3-(PHENYLCARBAMOYL)-4H-PYRANE see: UP7985000
4,7-DIHYDRO-5-METHYL-2-PHENYL-2H-ISOINDOLE see: NR3397500
2-((4,7-DIHYDRO-5(or 6)-METHYL-2-PHENYL-2H-ISOINDOL-1-YL)METHYLENE)HYDRAZINECARBOXAMIDE see: VT3277350
5,6-DIHYDRO-2-METHYL-N-PHENYL-1,4-OXATHIIN-3-CARBOXAMIDE see: RP4550000
5,6-DIHYDRO-2-METHYL-N-PHENYL-1,4-OXATHIIN-3-CARBOXAMIDE 4,4-DIOXIDE see: RP4900000
4,7-DIHYDRO-4-METHYL-2-PHENYLPYRAZOLO(1,5-a)PYRIMIDIN-7-ONE see: UR0807000
3,4-DIHYDRO-6-METHYL-N-PHENYL-2H-PYRAN-5-CARBOXAMIDE see: UP7985000
2,4-DIHYDRO-4-METHYL-5-PHENYL-3H-1,2,4-TRIAZOLE-3-THIONE see: XZ5350000
10,11-DIHYDRO-2-((4-METHYL-1-PIPERAZINYL)METHYL)-5H-DIBENZ(b,f)AZEPINE see: HO0547000
3,4-DIHYDRO-4-METHYL-2-PIPERIDINYL-1(2H)-NAPTHALENONE HYDROCHLORIDE see: QK4900000
6,11-DIHYDRO-11-(1-METHYL-4-PIPERIDYLIDENE)5H-BENZO(5,6)CYCLOHEPTA(1,2-b)PYRIDINE DIMALEATE see: DE8025500
3,4-DIHYDRO-6-METHYL-2H-PYRAN-5-CARBOXANILIDE see: UP7985000
(S)-(+)-5,6-DIHYDRO-6-METHYL-2H-PYRAN-2-ONE see: UQ0525000
2,3-DIHYDRO-2-METHYL-5H-PYRIDO(3,2-b)INDOLE HYDROCHLORIDE see: UU9805000
5,9-DIHYDRO-6-METHYL-10H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLIN-10-ONE see: UV1176200
3',4'-DIHYDRO-1-METHYLSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE see: WH1311900
3,4-DIHYDRO-1'-METHYLSPIRO(NAPHTHALENE-2(1H),3'-PYRROLIDINE)-2',5'-DIONE see: WH1317190
DIHYDRO-2-alpha-METHYLTESTOSTERONE see: BV8060020
cis-(-)-3,5-DIHYDRO-3-METHYL-2H-THIOPYRANO(4,3,2-cd)INDOLE-2-CARBOXYLIC ACID see: XN3876900
2,3-DIHYDRO-6-METHYL-2-THIOXO-4(1H)-PYRIMIDINONE see: YR0875000
2,3-DIHYDRO-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHENE see: XX8538000
DIHYDROMEVINOLINIC ACID AMMONIUM SALT see: QJ7190000
DIHYDROMORPHINE see: QC8945000
DIHYDROMORPHINONE HYDROCHLORIDE see: QD2625000
3,4-DIHYDROMORPHOL see: SF7353100
2,3-DIHYDRO-1-(MORPHOLINOACETYL)-3-PHENYL-4(1H)-QUINAZOLINONE HYDROCHLORIDE see: VA3190000
13-DIHYDRO-3'-(4-MORPHOLINYL)-3'-DEAMINODAUNORUBICIN see: QI9434000
DIHYDROMORPHOLYLETHYLMORPHINE see: QD1732900
DIHYDROMYRCENOL see: RH3420000
1,2-DIHYDRONAPHTHALENE see: QJ4375000
2,3-DIHYDRO-2-(1-NAPHTHYL)-4(1H)-QUINAZOLINONE see: VA3230000
DIHYDRONEOPINE see: QD1680000
1,2-DIHYDRO-5-NITRO-ACENAPHTHYLANE see: AB1060000
1,3-DIHYDRO-7-NITRO-5-(2-CHLOROPHENYL)-2H-1,4-BENZODIAZEPIN-2-ONE see: DF2100000
1,2-DIHYDRO-2-(5'-NITROFURYL)-4-HYDROXY QUINAZOLINE-3-OXIDE see: VA2200000
1,2-DIHYDRO-2-(5'-NITROFURYL)-4-HYDROXY-CHINAZOLIN-3-OXID (German) see: VA2200000
1,2-DIHYDRO-2-(5'-NITROFURYL)-4-HYDROXY-CHINAZOLIN-3-OXIDE see: VA2200000
1,3-DIHYDRO-7-NITRO-5-PHENYL-2H-1,4-BENZODIAZEPIN-2-ONE see: DF2450000
2,5-DIHYDRO-1-NITROSO-1H-PYRROLE see: UY7360000
1,2-DIHYDRO-2-(5-NITRO-2-THIENYL)QUINAZOLIN-4(3H)-ONE see: VA3240000
DIHYDRONIVALENOL see: YC9950500
DIHYDRO-NORDICYCLOPENTADIENYL ACETATE see: PC1210000
DIHYDROOXIRENE see: KX2450000
2,3-DIHYDRO-3-OXOBENZISOSULFONAZOLE see: DE4200000
2,3-DIHYDRO-3-OXOBENZISOSULPHONAZOLE see: DE4200000
5,13-DIHYDRO-5-OXOBENZO(e)(2)BENZOPYRANO(4,3-b)INDOLE see: DE5425000
S-(3,4-DIHYDRO-4-OXO-1,2,3-BENZOTRIAZIN-3-YLMETHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TD8400000
3,4-DIHYDRO-4-OXO-3-BENZOTRIAZINYLMETHYL O O DIETHYL PHOSPHORODITHIOATE see: TD8400000
S-(3,4-DIHYD20-4-OXO-BENZO(alpha)(1,2,3)TRIAZIN-3-YLMETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE1925000
S-(3,4-DIHYDRO-4-OXO-1,2,3-BENZOTRIAZIN-3-YLMETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE1925000
10,11-DIHYDRO-11-OXO-5H-DIBENZO(b,e)(1,4)DIAZEPINE, 10-(2-(DIMETHYLAMINO)ETHYL)- see: HP2485000
2,3-DIHYDRO-2-OXO-3,3-DIPHENYL-1H-INDOLE-7-CARBOXAMIDE see: NL5994480
2,3-DIHYDRO-2-OXO-3,3-DIPHENYL-1H-INDOLE-7-CARBOXYLIC ACID see: NL5998600
N-(4,5-DIHYDRO-5-OXO-1,2-DITHIOLO-(4,3-b)PYRROL 6-YL)ACETAMIDE see: AB7450000
N-(4,5-DIHYDRO-5-OXO-1,2-DITHIOLO(4,3-b)PYRROL-6-YL)-N-METHYLFORMAMIDE see: AB7450000
3-(1,3-DIHYDRO-1-OXO-2H-ISOINDOL-2-YL)-2,6-DIOXOPIPERIDINE see: TI5695000
4-(1,3-DIHYDRO-1-OXO-2H-ISOINDOL-2-YL)-alpha-METHYLBENZENEACETIC ACID see: MU6645000
O-(1,6)-DIHYDRO-6-OXO-1-PHENYLPYRIDAZIN-3-LY); O,O-DIETHYL PHOSPHOROTHIOATE see: TF2275000
3,4-DIHYDRO-4-OXO-3-(2-PYRIDYL)-2,6,7-TRIMETHYL-8-QUINAZOLINECARBOXYLIC ACID see: VA1352700
1,1-DIHYDROPERFLUOROHEPTYL ACRYLATE see: AT4790000
N-(1,1-DIHYDROPERFLUOROOCTYL)PYRIDINIUM TRIFLUOROMETHANESULFONATE see: UU6855600
2,2-DIHYDROPEROXY PROPANE (DOT) see: MX2570000
13,14-DIHYDRO-PGF2-alpha see: MJ9669050
(+)-13,14-DIHYDRO-PGF2-alpha METHYL ESTER see: UK8428000
1,2-DIHYDROPHENANTHRENE see: SF7325100
9,10-DIHYDRO-2-PHENANTHRENECARBOXYLIC ACID see: SF7280000
1,2-DIHYDRO-1,2-PHENANTHRENEDIOL see: SF7353000
3,4-DIHYDRO-3,4-PHENANTHRENEDIOL see: SF7353100
9,10-DIHYDRO-9,10-PHENANTHRENEDIOL (Z)- see: SF7356000
N-(9,10-DIHYDRO-2-PHENANTHRYL)ACETAMIDE see: AB7600000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

5-(4,5-DIHYDRO-2-PHENYL-3H-BENZ(e)INDOL-3-YL)-2-HYDROXYBENZOIC ACID see: DG8576200
5-(4,5-DIHYDRO-2-PHENYL-3H-BENZ(e)INDOL-3-YL)SALICYLIC ACID see: DG8576200
1-(2-(p-(6,7-DIHYDRO-2-PHENYL-5H-INDENO(5,6-b)FURAN-3-YL)PHENOXY)ETHYL)PYRROLIDINE HCl see: UY0888000
4,7-DIHYDRO-2-PHENYL-2H-ISOINDOLE see: NR3397700
4,5-DIHYDRO-N-PHENYL-N-PHENYLMETHYL-1H-IMIDAZOLE-2-METHANAMINE see: NJ2000000
5,6-DIHYDRO-2-PHENYLPYRAZOLO(5,1-a)ISOQUINOLINE see: UR0128000
3,6-DIHYDRO-alpha-PHENYL-1(2H)-PYRIDINEACETIC ACID 2-(2-DIETHYLAMINOETHOXY)ETHYL ESTER, 2HCl see: UR8650000
3,6-DIHYDRO-alpha-PHENYL-1(2H)-PYRIDINEACETIC ACID 2-(2-MORPHOLINOETHOXY)ETHYL ESTER, 2HCl see: UR8660000
3,6-DIHYDRO-alpha-PHENYL-1(2H)-PYRIDINEACETIC ACID 2-(2-PIPERIDINOETHOXY)ETHYL ESTER 2HCl see: UR8670000
2,4-DIHYDRO-6 PHENYL-1,2,3-TRIAZOLO(4,5-d)(2)BENZAZEPINE see: XZ5472100
2,3-DIHYDROPHORBOL MYRISTATE ACETATE see: GZ0670000
10,11-DIHYDRO-2-(1-PIPERIDINYLMETHYL)-5H-DIBENZ(b,f)AZEPINE see: HO0930000
DIHYDROPROGESTERONE see: TU4157140
20-alpha-DIHYDROPROGESTERONE see: TU5559900
20-beta-DIHYDROPROGESTERONE see: TU5560000
6,7-DIHYDRO-6-(2-PROPENYL)-5H-DIBENZ(c,e)AZEPINE PHOSPHATE see: HN7525000
2,3-DIHYDRO-6-PROPYL-2-THIOXO-4(1H)-PYRIMIDINONE see: YR1400000
13,14-DIHYDROPROSTAGLANDIN F2-alpha see: MJ9669050
(+)-13,14-DIHYDROPROSTAGLANDIN F2-alpha METHYL ESTER see: UK8428000
DIHYDROPSEUDOIONONE see: YQ1190000
alpha,beta-DIHYDROPSEUDOIONONE see: YQ1190000
3,7-DIHYDRO-1H-PURINE-2,6-DIONE see: ZD7700000
1,2-DIHYDRO-3,6-PYRADIZINEDIONE see: UR5950000
DIHYDROPYRAN see: UP7700000
delta(sup 2)-DIHYDROPYRAN see: UP7700000
3,4-DIHYDROPYRAN see: UP7700000
2H-3,4-DIHYDROPYRAN see: UP7700000
DIHYDROPYRAN (DOT) see: UP7700000
3,4-DIHYDRO-2H-PYRAN-2-CARBOXALDEHYDE see: UP6825000
2,3-DIHYDROPYRAN (DOT) see: UP7710000
DIHYDROPYRAN (DOT) see: UP7600000
1,5-DIHYDRO-4H-PYRAZOLO(3,4-d)PYRIMIDIN-4-ONE see: UR0785000
1,2-DIHYDROPYRIDAZINE-3,6-DIONE see: UR5950000
1,2-DIHYDRO-3,6-PYRIDAZINEDIONE see: UR5950000
1,2-DIHYDRO-3,6-PYRIDAZINEDIONE MONOPOTASSIUM SALT see: UR6005000
3,5-DIHYDRO-4H-PYRIDAZINO(4,5-b)INDOL-4-ONE HYDRAZONE TRIHYDROCHLORIDE see: UR6114000
6,7-DIHYDROPYRIDO(1,2-a;2',1'-c)PYRAZINEDIUM DIBROMIDE see: JM5690000
DIHYDROPYRONE see: UP7000000
3,4-DIHYDROPYRROLE-2,5-DIONE see: WN2200000
3,4-DIHYDROPYRROLIDINE see: WN2200000
10,11-DIHYDRO-2-(1-PYRROLIDINYLMETHYL)-5H-DIBENZ(b,f)AZEPINE see: HO1005000
DIHYDRO-3-PYRROLINE-2,5-DIONE see: WN2200000
DIHYDROQUERCETIN see: LK6920000
2,3-DIHYDROQUERCETIN see: LK6920000
(2R,3R)-DIHYDROQUERCETIN see: LK6920000
(+)-DIHYDROQUERCETIN see: LK6920000
DIHYDROROBINETIN see: LK6925000
2,3-DIHYDROROBINETIN see: LK6925000
DIHYDROSAFROLE see: DA6125000
AL-DIHYDROSARMENTOSIDE D see: VQ5090000
3',4'-DIHYDROSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE see: WH1310400
3',4'-DIHYDROSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALEN)-5-ONE HYDROCHLORIDE see: WH1312300
3,4-DIHYDROSPIRO(NAPHTHALENE-2(1H),4'-OXAZOLIDINE)-2',5'-DIONE see: WH1316890
3,4-DIHYDROSPIRO(NAPHTHALENE-2(1H),5'-OXAZOLIDINE)-2',4'-DIONE see: WH1316930
3,4-DIHYDROSPIRO(NAPHTHALENE-2(1H),3'-PYRROLIDINE)-2',5'-DIONE see: WH1317170
22,23-DIHYDROSTIGMASTEROL see: WJ2600000
DIHYDROSTILBESTROL see: SL0560850
DIHYDROSTREPTOMYCIN see: WK2450000
DIHYDROSTREPTOMYCIN and STREPTOMYCIN see: BD9115000
DIHYDROSTREPTOMYCIN SULPHATE with CALCIUM GLUCONATE see: WK4950500
DIHYDROSTREPTOMYCIN SULPHATE with CALCIUM HEPTAGLUCONATE see: WK4950200
3,4-DIHYDRO-7-SULFAMYL-6-TRIFLUOROMETHYL-2H-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE see: DK9625000
DIHYDROTERPINYL ACETATE see: OS9540000
DIHYDROTESTOSTERONE see: BV8052000
4-DIHYDROTESTOSTERONE see: BV8052000
4,5-alpha-DIHYDROTESTOSTERONE see: BV8052000
5-alpha-DIHYDROTESTOSTERONE see: BV8052000
5-beta-DIHYDROTESTOSTERONE see: BV8054000
DIHYDROTESTOSTERONE BENZOATE see: BV8058500
5-alpha-DIHYDROTESTOSTERONE BENZOATE see: BV8058500
DIHYDROTESTOSTERONE PROPIONATE see: BV8060300
5-alpha-DIHYDROTESTOSTERONE PROPIONATE see: BV8060300
DIHYDROTESTOSTERONE 17-beta-PROPIONATE see: BV8060300
DIHYDRO-5-TETRADECYL-2(3H)-FURANONE see: LU3850000
4,5-DIHYDRO-N-(5,6,7,8-TETRAHYDRO-1-NAPHTHALENYL)-1H-IMIDAZOL-2-AMINE HYDROCHLORIDE HYDRATE see: NI3200000
6,7-DIHYDRO-1,2,3,10-TETRAMETHOXY-7-(METHYLAMINO)-BENZO(alpha)HEPTALEN-9(5H)-ONE see: GH0800000
6,7-DIHYDRO-3,5,5,7-TETRAMETHYL-5H-THIAZOLO(3,2-a)PYRIMIDIN-7-OL HYDROBROMIDE see: XJ7055300
6,7-DIHYDRO-3,5,5,7-TETRAMETHYL-5H-THIAZOLO(3,2-a)PYRIMIDIN-7-OL HYDROCHLORIDE see: XJ7055400
DIHYDROTHEELIN see: KG2975000
2,3-DIHYDROTHIIRENE see: KX3500000
5,10-DIHYDRO(1,2,3,4)TETRATHIOCINO(5,6-b:8,7-b')DIINDOLE see: XF6430000
12-(2-((3,4-DIHYDRO-2H-1-THIOBENZOPYRAN-6-YL)CARBONYL)ETHYL)CYTISINE see: HA4050000
2,5-DIHYDROTHIOPHENE DIOXIDE see: XM9100000
2,5-DIHYDROTHIOPHENE 1,1-DIOXIDE see: XM9100000
2,5-DIHYDROTHIOPHENE SULFONE see: XM9100000
4,5-DIHYDRO-3(2H)-THIOPHENONE see: XN1930000
3',4'-DIHYDRO-2-THIOSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE see: WH1312100
2,3-DIHYDRO-2-THIOXO-4(1H)-PYRIMIDINONE see: YR1575000
3,4-DIHYDRO-6-TRIFLUOROMETHYL-2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE 1,1-DIOXIDE see: DK9625000
3,4-DIHYDRO-6-TRIFLUGROMETHYL-7-SULFAMOYLBENZO-1,2,4-THIADIAZINE 1,1-DIOXIDE see: DK9625000
9,10-DIHYDRO-4,5,7-TRIHYDROXY-9,10-DIOXOANTHROIC ACID see: CB8810000
2,3-DIHYDRO-2,2,4-TRIMETHYL-7-BENZOFURANYL METHYLCARBAMATE see: FB9700000
16,17-DIHYDRO-11,12,17-TRIMETHYLCYCLOPENTA(a)PHENANTHRENE see: GY5706000
d,l-10,11-DIHYDRO-N,N,beta-TRIMETHYL-5H-DIBENZO(a,d)-CYCLOHEPTENE-5-PROPYLAMINE see: HO8887000
(+,-)-10,11-DIHYDRO-N,N,beta-TRIMETHYL-5H-DIBENZO(a,d)-CYCLOHEPTENE-5-PROPYLAMINE HCl see: HP0350000
1,2-DIHYDRO-2,2,4-TRIMETHYL-6-ETHOXYQUINOLINE see: VB8225000
3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE see: EV6475000
3,4-DIHYDRO-4,4,6-TRIMETHYL-2(1H)-PYRIMIDINETHIONE see: UW4900000
1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE see: VB4900000
DIHYDROVINBLASTINE see: YY8193000
DIHYDROVINCALEUKOBLASTINE see: YY8193000
6,7-DIHYDROVINCALEUKOBLASTINE see: YY8193000
DiHYDROXYACETONE see: UC1645000
1,3-DIHYDROXYACETONE see: UC1645000
11-beta,17-alpha-DIHYDROXY-21-ACETOXYPREGESTERONE see: GM8960000
1,8-DIHYDROXY-10-ACETYL-9-ANTHRONE see: CB1300000
17-beta,19-DIHYDROXYANDROSTA-1,4-DIEN-3-ONE 19-ACETATE see: BV7993000
3-beta,16-alpha-DIHYDROXY-5-ANDROSTENE see: BV8090000
3-beta,17-beta-DIHYDROXYANDROST-5-ENE-17-alpha-CARBONITRILE DIACETATE see: BV8087500
1,8-DIHYDROXY-9,10-ANTHRACENEDIONE see: CB6650000
1,8-DIHYDROXY-9(10H)-ANTHRACENONE see: CB1225000
1,2-DIHYDROXYANTHRACHINON (Czech) see: CB6580000
1,8-DIHYDROXYANTHRACHINON (Czech) see: CB6650000
DIHYDROXY-ANTHRANOL see: CB1225000
1,8-DIHYDROXYANTHRANOL see: CB1225000
1,8-DIHYDROXY-9-ANTHRANOL see: CB1225000
3,4-DIHYDROXYANTHRANOL see: CB1220000
1,2-DIHYDROXY-9,10-ANTHRAQUINONE see: CB6580000
1,2-DIHYDROXYANTHRAQUINONE see: CB6580000
1,8-DIHYDROXYANTHRAQUINONE see: CB6650000
(((3,4-DIHYDROXY-2-ANTHRAQUINONYL)METHYL)IMINO)DIACETIC ACID DIHYDRATE see: AH0585000
1,8-DIHYDROXYANTHRONE see: CB1225000
1,8-DIHYDROXY-9-ANTHRONE see: CB1225000
3,4-DIHYDROXYBENZALDEHYDE see: UL0380000
3,4-DIHYDROXYBENZALDEHYDE METHYLENE KETAL see: TO1575000
3,9-DIHYDROXYBENZ(a)ANTHRACENE see: CW4590000
3,4-DIHYDROXYBENZ(a)ANTHRACENE-7,12-DIMETHANOL see: CW2165000
3,9-DIHYDROXY-7H-BENZ(de)ANTHRACEN-7-ONE see: CX5081500
3,9-DIHYDROXY-BENZANTHRONE see: CX5081500
1,4-DIHYDROXY-BENZEEN (Dutch) see: MX3500000
1,4-DIHYDROXYBENZEN (Czech) see: MX3500000
DIHYDROXYBENZENE see: MX3500000
m-DIHYDROXYBENZENE see: VG9625000
o-DIHYDROXYBENZENE see: UX1050000
p-DIHYDROXYBENZENE see: MX3500000
1,2-DIHYDROXYBENZENE see: UX1050000
1,3-DIHYDROXYBENZENE see: VG9625000
1,4-DIHYDROXYBENZENE see: MX3500000
3,4-DIHYDROXYBENZENEACRYLIC ACID see: GD8950000
3,4-DIHYDROXYBENZENECARBONAL see: UL0380000
1,3-DIHYDROXYBENZENE DIACETATE see: VH0580000
2,5-DIHYDROXYBENZENESULFONIC ACID CALCIUM SALT see: DB6127000
2,5-DIHYDROXYBENZENESULFONIC ACID compd. with N-ETHYLETHANAMINE see: DB6145000
3,3'-DIHYDROXYBENZIDINE see: DV4900000
2,4-DIHYDROXYBENZOIC ACID see: VH3708050
2,5-DIHYDROXYBENZOIC ACID see: LY3850000
3,5-DIHYDROXYBENZOIC ACID see: VH3708000
1,4-DIHYDROXY-BENZOL (German) see: MX3500000
2,4-DIHYDROXYBENZOPHENONE see: DJ0700000
3,4-DIHYDROXYBENZYLAMINE see: CZ8725000
1-(3,4-DIHYDROXYBENZYLIDEN)AMINO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) see: TM7346000
1-(3',4'-DIHYDROXYBENZYL)-2-METHYL-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROCHLORIDE see: UX2090000
2,6-DIHYDROXY-5-BIS(2-CHLOROETHYL)AMINOPYRIMIDINE see: YQ8925000
1,4-DIHYDROXY-5,8-BIS(2-((2-HYDROXYETHYL)AMINO)ETHYLAMINO)-9,10-ANTHRACENEDIONE see: CB5748500
(4,5-DIHYDROXY-1,3-BIS(HYDROXYMETHYL)-2-IMIDAZOLIDINONE see: NJ0607000
3-beta,14-DIHYDROXY-5-beta-BUFA-20,22-DIENOLIDE see: EI2962500
3-beta,14-DIHYDROXYBUFA-4,20,22-TRIENOLIDE see: EI3500000
3-beta,14-beta-DIHYDROXYBUFA-4,20,22-TRIENOLIDE 3-RHAMNOSIDE see: UK6650000
1,3-DIHYDROXYBUTANE see: EK0440000
2,3-DIHYDROXYBUTANE see: EK0532000
2,3-DIHYDROXY-BUTANEDIOIC ACID, DIAMMONIUM SALT (9CI) see: WW8050000
3-beta,14-DIHYDROXY-5-beta-CARD-20(22)-ENOLIDE see: FH4975000
3-beta,14-DIHYDROXY-5-beta-CARD-20(22)-ENOLIDE 3-ESTER with N-ACETYLGLYCINE see: FH4975050
3-beta,14-DIHYDROXY-5-beta-CARD-20(22)-ENOLIDE 3-FORMATE see: FH4975800
DIHYDROXY-3,7 CETO-12 CHOLANATE de Na (French) see: FZ2235000
DIHYDROXY-3,12 CETO-7 CHOLANATE de Na (French) see: FZ2235010
DIHYDROXY-7,12 CETO-3 CHOLANATE de Na (French) see: FZ2235020
(+-)-2,3-DIHYDROXYCHLOROPROPANE see: TY4202000
DIHYDROXYCHLOROTHIAZIDUM see: DK9100000
DIHYDROXY 3-12 CHOLANATE de Na (French) see: FZ2250000
3,12-DIHYDROXYCHOLANIC ACID see: FZ2100000
3-alpha,7-alpha-DIHYDROXYCHOLANIC ACID see: FZ1980000
3-alpha,7-beta-DIHYDROXYCHOLANIC ACID see: FZ2000000
3-alpha,12-alpha-DIHYDROXYCHOLANIC ACID see: FZ2100000
3-alpha,12-alpha-DIHYDROXY-5-beta-CHOLANOIC ACID see: FZ2100000
3-alpha,7-beta-DIHYDROXY-6-beta-CHOLAN-24-OIC ACID see: FZ2000000
3-alpha,7-alpha-DIHYDROXY-5-beta-CHOLAN-24-OIC ACID see: FZ1980000
3-alpha,7-beta-DIHYDROXY-5-beta-CHOLANOIC ACID see: FZ2000000
3,7-DIHYDROXYCHOLAN-24-OIC ACID see: FZ2000000
3,12-DIHYDROXY-CHOLAN-24-OIC ACID MONOSODIUM SALT, (3-alpha,5-beta,12-alpha)- (9CI) see: FZ2250000
3-alpha,6-alpha-DIHYDROXY-5-beta-CHOLAN-24-OIC ACID SODIUM SALT see: FZ2249000
3-alpha,12-alpha-DIHYDROXY-5-beta-CHOLAN-24-OIC ACID SODIUM SALT see: FZ2250000
3-alpha,7-alpha-DIHYDROXYCHOLANSAEURE (German) see: FZ2000000
3-alpha,12-alpha-DIHYDROXYCHOLANSAEURE (German) see: FZ2100000
1,25-DIHYDROXYCHOLECALCIFEROL see: FZ4645000
1a,25-DIHYDROXYCHOLECALCIFEROL see: FZ4645000
1-alpha,25-DIHYDROXYCHOLECALCIFEROL see: FZ4645000
3-alpha,12-alpha-DIHYDROXY-5-beta-CHOL-8(14)-EN-24-OIC ACID see: FZ5075000
3,4-DIHYDROXYCINNAMIC ACID see: GD8950000
3,4-DIHYDROXYCINNAMIC ACID 1-CARBOXY-3,5-DIHYDROXY-1,4-CYCLOHEXYLENE ESTER HYDRATE see: GD8970000
DI-(4-HYDROXY-3-COUMARINYL)METHANE see: GN7875000
3,4-DIHYDROXY-3-CYCLOBUTENE-1,2-DIONE see: GU1800000
2,3-DIHYDROXY-2,4,6-CYCLOHEPTATRIEN-1-ONE see: GU4043000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2,3-DIHYDROXY-
2,5-DIHYDROXY-2,4,6-CYCLOHEPTATRIEN-1-ONE see: GU4044000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2,5-DIHYDROXY-

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

DI(1-HYDROXYCYCLOHEXYL) PEROXIDE (DOT) see: GW0695000
7,8-DIHYDROXYDIACETOXYSCIRPENOL see: YC9960000
2,2'-DIHYDROXY-5,5'-DICHLORODIPHENYLMETHANE see: SM0175000
2,2'-DIHYDROXYDIETHYLAMINE see: KL2975000
1,4-DIHYDROXY-5,8-DI(N-ETHYLANILINO)-9,10-ANTHRAQUINONE see: CB5745450
4,4'-DIHYDROXY-alpha,beta-DIETHYLDIPHENYLETHANE see: SL0560850
beta,beta'-DIHYDROXYDIETHYL ETHER see: ID5950000
4,4'-DIHYDROXYDIETHYLSTILBENE see: WJ5600000
4,4'-DIHYDROXY-alpha,beta-DIETHYLSTILBENE see: WJ5600000
DIHYDROXYDIETHYLSTILBENE DIPROPIONATE see: WJ5775000
4,4'-DIHYDROXY-alpha,beta-DIETHYLSTILBENE DIPROPIONATE see: WJ5775000
4,4'-DIHYDROXY-alpha,beta-DIETHYLSTILBENE PALMITATE see: WJ5700000
beta,beta'-DIHYDROXYDIETHYL SULFIDE see: KM2975000
trans-1,2-DIHYDROXY-1,2-DIHYDROBENZ(a)ANTHRACENE see: CW1780000
trans-3,4-DIHYDROXY-3,4-DIHYDROBENZ(a)ANTHRACENE see: CW1783000
trans-5,6-DIHYDROXY-5,6 DIHYDROBENZ(a)ANTHRACENE see: CW1786000
trans-8,9-DIHYDROXY-8,9-DIHYDROBENZ(a)ANTHRACENE see: CW1790000
trans-10,11-DIHYDROXY-10,11-DIHYDROBENZ(a)ANTHRACENE see: CW1795000
trans-1,2-DIHYDROXY-1,2-DIHYDROBENZ(a,h)ANTHRACENE see: HN3860000
(E)-3,4-DIHYDROXY-3,4-DIHYDROBENZ(a)ANTHRACENE-7,12-DIMETHANOL see: CW2150000
trans-1,2-DIHYDROXY-1,2-DIHYDROBENZO(a,h)ANTHRACENE see: HN3860000
trans-4,5-DIHYDROXY-4,5-DIHYDROBENZO(a)PYRENE see: DJ4990000
trans-9,10-DIHYDROXY-9,10-DIHYDROBENZO(e)PYRENE see: DJ5025000
trans-7,8-DIHYDROXY-7,8-DIHYDRO-BENZO(a)PYRENE see: DJ4997000
(-)-trans-7,8-DIHYDROXY-7,8-DIHYDROBENZO(a)PYRENE see: DJ5003000
(+)-trans-7,8-DIHYDROXY-7,8-DIHYDROBENZO(a)PYRENE see: DJ5008000
(+,-)-trans-7,8-DIHYDROXY-7,8-DIHYDROBENZO(a)PYRENE see: DJ5009000
trans-9,10-DIHYDROXY-9,10-DIHYDROBENZO(a)PYRENE see: DJ5020000
(+)-trans-9,10-DIHYDROXY-9,10-DIHYDROBENZO(a)PYRENE see: DJ5030000
trans-4,5-DIHYDROXY-4,5-DIHYDROBENZO(e)PYRENE see: DJ4990500
trans-1,2-DIHYDROXY-1,2-DIHYDROCHRYSENE see: GC1150000
trans-3,4-DIHYDROXY-3,4-DIHYDRO-7,12-DIHYDROXYMETHYLBENZ(a)ANTHRACENE see: CW2150000
trans-10,11-DIHYDROXY-10,11-DIHYDRO-7-FLUOROBENZ(a)ANTHRACENE see: CW4631500BENZ(a)ANTHRACENE-10,11-DIOL, 10,11-DIHYDRO-7-FLUORO-, (E)-
trans-3,4-DIHYDROXY-3,4-DIHYDRO-7-FLUOROBENZ(a)ANTHRACENE see: CW4631000 BENZ(a)ANTHRACENE-3,4-DIOL, 3,4-DIHYDRO-7-FLUORO-, (E)-
trans-3,4-DIHYDROXY-3,4-DIHYDRO-7-HYDROXYMETHYL-12-METHYLBENZ(a)ANTHRACENE see: CW8600000
11,12-DIHYDROXY-11,12-DIHYDRO-3-METHYLCHOLANTHRENE (E) see: FZ3470000
trans-3,4-DIHYDROXY-3,4-DIHYDRO-7-METHYL-12-HYDROXYMETHYLBENZ(a)ANTHRACENE see: CW8610000
(Z)-9,10-DIHYDROXY-9,10-DIHYDROPHENANTHRENE see: SF7356000
5,8-DIHYDROXY-1,4-DIHYDROXYETHYLAMINOANTHRAQUINONE see: CB5746000
6-beta,14-DIHYDROXY-3,4-DIMETHOXY-N-METHYLMORPHINAN see: QC8700000
d-7',12'-DIHYDROXY-6,6'-DIMETHOXY-2,2',2'-TRIMETHYLTUBOCURARANIUM CHLORIDE see: YO4900000
1,4-DIHYDROXY-5,8-DIMETHYLAMINO-9,10-ANTHRAQUINONE see: CB6870000
3,9-DIHYDROXY-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CW4636000
4-(2,4-DIHYDROXY-3,3-DIMETHYLBUTYRAMIDO)-2-HYDROXYBUTYRIC ACID see: ES9585000
4-(2,4-DIHYDROXY-3,3-DIMETHYLBUTYRAMIDO)-3-HYDROXYBUTYRIC ACID see: ES9585010
2,4-DIHYDROXY-3,3-DIMETHYLBUTYRONITRILE see: ET9625000
N-(2,4-DIHYDROXY-3,3-DIMETHYLBUTYRYL)-beta-ALANINE CALCIUM see: RU4375000
trans-5,6-DIHYDROXY-7,12-DIMETHYL-5,6-DIHYDROBENZ(a)ANTHRACENE see: CW1795600
6,7-DIHYDROXY-4,8-DIMETHYL-1-(3-FURYL)-1-NONANONE see: RA8248000
(5Z,9-alpha,13E,15S)-9,15-DIHYDROXY-16,16-DIMETHYL-11-OXOPROSTA-5,13-DIEN-1-OIC ACID see: UK7893900
(5Z,11-alpha,13E,15R)-11,15-DIHYDROXY-16,16-DIMETHYL-9-OXOPROSTA-5,13-DIEN-1-OIC ACID see: UK7894000
DIHYDROXYDIMETHYL PEROXIDE see: SD8240000
1,8-DIHYDROXY-4,5-DINITROANTHRAQUINONE see: CB6700000
11-beta,21-DIHYDROXY-3,20-DIOXOPREGN-4-EN-18-AL see: TU5023000
p,p'-DIHYDROXYDIPHENYLDIMETHYLMETHANE see: SL6300000
4,4'-DIHYDROXYDIPHENYLDIMETHYLMETHANE see: SL6300000
p,p'-DIHYDROXYDIPHENYLDIMETHYLMETHANE DIGLYCIDYL ETHER see: TX3800000
4,4'-DIHYDROXYDIPHENYLDIMETHYLMETHANE DIGLYCIDYL ETHER see: TX3800000
4,4'-DIHYDROXY-gamma,delta-DIPHENYLHEXANE see: SL0560850
2,2'-DIHYDROXY-N-(4,5-DIPHENYLOXAZOLE-2-YL)DIETHYLAMINE MONOHYDRATE see: KK7400000
p,p'-DIHYDROXYDIPHENYLPROPANE see: SL6300000
4,4'-DIHYDROXYDIPHENYLPROPANE see: SL6300000
2,2-(4,4'-DIHYDROXYDIPHENYL)PROPANE see: SL6300000
4,4'-DIHYDROXYDIPHENYL-2,2-PROPANE see: SL6300000
4,4'-DIHYDROXY-2,2-DIPHENYLPROPANE see: SL6300000
4,4'-DIHYDROXYDIPHENYL SULFIDE see: SN0800000
9,10-DIHYDROXY-9,10-DI-n-PROPYL-9,10-DIHYDRO-1,2:5,6-DIBENZANTHRACENE see: HN4300000
2,2'-DIHYDROXYDIPROPYL ETHER see: UB8785000
2,2'-DIHYDROXY-DI-n-PROPYLNITROSOAMINE see: JL9650000
2,4-DIHYDROXY-3,5-DI(4-SULPHO-1-NAPHTHYLAZO)BENZYL ALCOHOL, DISODIUM SALT see: QK1575000
3-beta,5-DIHYDROXY-14,15-beta-EPOXY-5-beta-BUFA-20,22-DIENOLIDE see: EI2963000
3-beta,16-beta-DIHYDROXY-14,15-beta-EPOXY-5-beta-BUFA-20,22-DIENOLIDE see: EI2963500
7,8-DIHYDROXY-9,10-EPOXY-7,8-DIHYDROBENZO(a)PYRENE see: DJ5032000
(+)-1-alpha,2-beta-DIHYDROXY-3-beta,4-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE trans- see: CU3670500
(+)-3-alpha,4-beta-DIHYDROXY-1-alpha,2-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ACRIDINE trans- see: CU3670000
(+)-3-alpha,4-beta-DIHYDROXY-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ACRIDINE cis- see: CU3670050
(+)-3-alpha,4-beta-DIHYDROXY-1-alpha,2-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE trans- see: CU3670550
(+)-3-alpha,4-beta-DIHYDROXY-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE cis- see: CU3670600
(-)-(1S,2R,3S,4R)-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CW4640250 BENZ(a)ANTHRACENE-3-beta,4-alpha-DIOL, 1,2,3,4-TETRAHYDRO-1-alpha,2-alpha-EPOXY, (-)-
(+)-(1R,2S,3R,4S)-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CW4640070 BENZ(a)ANTHRACENE-3-alpha,4-beta-DIOL, 1,2,3,4-TETRAHYDRO-1-beta,2-beta-EPOXY-,(+)-
(-)-(1S,2R,3R,4S)-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CW4640060 BENZ(a)ANTHRACENE-3-alpha,4-beta-DIOL, 1,2,3,4-TETRAHYDRO-1-alpha, 2-alpha-EPOXY-, (-)-
(+)-(1R,2S,3S,4R)-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CW4640300 BENZ(a)ANTHRACENE-3-beta,4-alpha-DIOL, 1,2,3,4-TETRAHYDRO-1-beta,2-beta-EPOXY-,(+)-
(+)-cis-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CX30710000
(+)-3-alpha,4-beta-DIHYDROXY-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE cis- see: CW4640200
(+)-trans-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CX3070000
(+)-1-alpha,2-beta-DIHYDROXY-3-alpha,4-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE (Z)- see: CW4640000
(+)-1-alpha,2-beta-DIHYDROXY-3-beta,4-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE trans- see: CW4640050
(+,-)-trans-1beta,2alpha-DIHYDROXY-3alpha,4alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CX3072500
(+,-)trans-8beta,9alphaDIHYDROXY-10alpha,11alpha-EPOXY-8,9,10,11-TETRAHYDROBENZO(a)ANTHRACENE see: CX3055000
(+,-)-trans-8beta,9alpha-DIHYDROXY-10beta,11beta-EPOXY-8,9,10,11-TETRAHYDROBENZ(a)ANTHRACENE see: CX3075000
trans-3-alpha,4-beta-DIHYDROXY-1-alpha,2-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CX3072000
(+)-trans-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZO(a)ANTHRACENE see: CX3070000
(+)-cis-3,4-DIHYDROXY-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZO(a)ANTHRACENE see: CX30710000
(+)-3-alpha,4-beta-DIHYDROXY-1-alpha,2-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZO(c)PHENANTHRENE see: DI8520000
(+)-3-alpha,4-beta-DIHYDROXY-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZO(c)PHENANTHRENE see: DI8530000
trans-7,8-DIHYDROXY-9,10-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE, anti see: DJ7955450
trans-7,8-DIHYDROXY-9,10-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE, syn see: DJ7955600
(+)-7-alpha,8-beta-DIHYDROXY-9-alpha,10-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ7957100
7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ7956400
(+)-7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(e)PYRENE see: DJ7956500
(+)-7-beta,8-alpha-DIHYDROXY-9-beta,10-beta-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ7957100
(+)-trans-7,8-DIHYDROXY-trans-9,10-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ7955700
(+)-trans-7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ7956530
(-)-cis-7-beta,8-alpha-DIHYDROXY-9-beta,10-beta-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ5055900
(+)cis-7-alpha,8-beta-DIHYDROXY-9-alpha,10-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ5055800
(+)-(E)-7,8-DIHYDROXY-9,10-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ7955400
(+)-7-beta,8-alpha-DIHYDROXY-9-alpha,10-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE, anti see: DJ7956500
(-)-7-alpha,8-beta-DIHYDROXY-9-beta,10-beta-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ7956300
(+)-7-alpha,8-beta-DIHYDROXY-9-beta,10-beta-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ6310800
trans-9,10-DIHYDROXY-7,8-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE, anti see: DJ7955800
(+)-9-alpha,10-beta-DIHYDROXY-7-alpha,8-alpha-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ7960100
(+)-1-beta,2-alpha-DIHYDROXY-3-alpha,4-alpha-EPOXY-1,2,3,4-TETRAHYDROCHRYSENE see: GC1203000
(+)-1-beta,2-alpha-DIHYDROXY-3-beta,4-beta-EPOXY-1,2,3,4-TETRAHYDROCHRYSENE see: GC1205000
trans-1,2-DIHYDROXY-anti-3,4-EPOXY-1,2,3,4-TETRAHYDROCHRYSENE see: GC1180000
(+)-1-beta,2-alpha-DIHYDROXY-3-alpha,4-alpha-EPOXY-1,2,3,4-TETRAHYDROPHENANTHRENE see: SF7400000
10,19-DIHYDROXYESTRA-1,4-DIEN-3-ONE 10-ACETATE see: KG2930000
3,17-DIHYDROXYESTRATRIENE see: KG3750000
3,17-beta-DIHYDROXY-1,3,5(10)-ESTRATRIENE see: KG2975000
3,17-beta-DIHYDROXYESTRA-1,3,5(10)-TRIENE see: KG2975000
3,4-DIHYDROXYESTRA-1,3,5(10)-TRIEN-17-ONE see: KG7749500
DIHYDROXYESTRIN see: KG2975000
1,2-DIHYDROXYETHANE see: KW2975000
Di-beta-HYDROXYETHOXYETHANE see: YE4550000
(17R,21-alpha)-17,21-DIHYDROXY-4-(3-ETHOXY-2-HYDROXYPROPYL)AJMALANIUM see: AX8154900
1,3-DIHYDROXY-2-ETHOXYMETHYLANTHRAQUINONE see: CB6705000
Di(2-HYDROXYETHYL)AMINE see: KL2975000
DI(2'-HYDROXYETHYL)AMINO-1,4-BENZOQUINONE see: DK3528300
(+)-3,4-DIHYDROXY-alpha-((ETHYLAMINO)METHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DO1450000
DIHYDROXYETHYLANILINE see: KM2100000
N,N-Di(beta-HYDROXYETHYL)ANILINE see: KM2100000
N,N-Di(2-HYDROXYETHYL)ANILINE see: KM2100000
N,N-DIHYDROXYETHYL-m-CHLORCANILINE see: KK2420000
N,N-DIHYDROXYETHYL-3-CHLOROANILINE see: KK2420000
N,N-DI(2-HYDROXYETHYL)CYCLOHEXYLAMINE see: KK3538000
DI(HYDROXYETHYL) ETHER DINITRATE see: ID6825000
beta,beta'-DIHYDROXYETHYL SULFIDE see: KM2975000
N,N-DIHYDROXYETHYL-m-TOLUIDINE see: KM3360000
DI-(HYDROXYETHYL)-o-TOLYLAMINE see: XU3705000
3,17-beta-DIHYDROXY-17-alpha-ETHYNYL-1,3,5(10)-ESTRATRIENE see: RC8925000
3,17-beta-DIHYDROXY-17-alpha-ETHYNYL-1,3,5(10)-GESTRATRIENE see: RC8925000
4',7-DIHYDROXYFLAVONE see: LK8329000
7,4'-DIHYDROXYFLAVANONE see: LK8329000
5,8-DIHYDROXYFLAVONE see: LK8329100
5,8-DIHYDROXY-7-METHOXYFLAVONE see: LK8331100
11-beta,17-beta-DIHYDROXY-9-alpha-FLUORO-17-alpha-METHYL-4-ANDROSTER-3-ONE see: BV8390000
11-beta,17-alpha-DIHYDROXY-9-alpha-FLUOROPREGN-4-ENE-3,20-DIONE see: TU5017000
11-beta,17-DIHYDROXY-9-alpha-FLUOROPREGN-4-ENE-3,20-DIONE see: TU5017000
2,2'-DIHYDROXY-3,3',5,5',6,6'-HEXACHLORODIPHENYLMETHANE see: SM0700000
2,2'-DIHYDROXY-3,5,6,3',5',6'-HEXACHLORODIPHENYLMETHANE see: SM0700000
3,4-DIHYDROXY-1,5-HEXADIENE see: MM2100000
2,4-DIHYDROXY-5-HEXYLBENZALDEHYDE see: CU5619500
(17R,21-alpha)-17,21-DIHYDROXY-4-(2-HYDROXY-3-METHOXYPROPYL)AJMALANIUM see: AX8155000
1,8-DIHYDROXY-3-HYDROXYMETHYLANTHRAQUINONE see: CB6712200
2,6-DIHYDROXY-4-(HYDROXYMETHYL)BENZOIC ACID see: VH3708900
1,8-DIHYDROXY-3-HYDROXYMETHYL-10-(6-HYDROXYMETHYL-3,4,5-TRIHYDROXY-2-PYRANYL)ANTHRONE see: LZ6520000
(17R,21-alpha)-17,21-DIHYDROXY-4-(2-HYDROXY-3-(m-METHYLPHENOXY)PROPYL)AJMALANIUM see: AX8155100
7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-5-HEPTENOIC ACID see: UK8020000
7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-5-HEPTENOIC ACID, TROMETHAMINE SALT see: UK8025000
(17R,21-alpha)-17,21-DIHYDROXY-4-(2-HYDROXY-3-MORPHOLINOPROPYL)AJMALANIUM see: AX8155200
7-(3,5-DIHYDROXY-2-(3-HYDROXYOCTYL)CYCLOPENTYL)-5-HEPTENOIC ACID see: MJ9669050
(17R,21-alpha)-17,21-DIHYDROXY-4-(2-HYDROXY-3-PIPERIDINOPROPYL)AJMALANIUM see: AX8155300
(17R,21-alpha)-17,21-DIHYDROXY-4-(2-HYDROXY-3-PROPOXYPROPYL)AJMALANIUM see: AX8155400

BEST COPY AVAILABLE

D-(+)-2,4-DIHYDROXY-N-(3-HYDROXYPROPYL)-3,3-DIMETHYLBUTYRAMIDE see: ES4316000
(+-)-2,4-DIHYDROXY-N-(3-HYDROXYPROPYL)-3,3-DIMETHYLBUTYRAMIDE see: ES4316500
(17R,21-alpha)-17,21-DIHYDROXY-4-(2-HYDROXY-3-PYRROLIDINOPROPYL)AJMALANIUM see: AX8155500
2,2-DIHYDROXY-1,3-INDANDIONE see: NK5425000
2,2-DIHYDROXY-1H-INDENE-1,3(2H)-DIONE see: NK5425000
3,4-DIHYDROXY-alpha-(ISOPROPYLAMINO)ACETOPHENONE HYDROCHLORIDE see: AM7710000
3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)BENZYL ALCOHOL see: DO1750000
3,5-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)BENZYL ALCOHOL see: DO1800000
3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DO1925000
(+-)-3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DO1930000
3,5-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)BENZYL ALCOHOL SULFATE see: DO2275000
3,4-DIHYDROXY-alpha-((ISOPROPYLAMINO)METHYL)BENZYL ALCOHOL SULFATE (2:1) see: DO2273000
beta,beta'-DIHYDROXYISOPROPYL CHLORIDE see: TY4025000
2,2'-DIHYDROXYISOPROPYL ETHER see: UB8785000
5,6-DIHYDRO-2-(2,6-XYLIDINO)-4H-1,3-THIAZINE MONOHYDROCHLORIDE see: XJ0776350
3,4-DIHYDROXY-5-METHOXYBENZOIC ACID 2-(AMINOIMINOMETHYL)HYDRAZIDE SULFATE (2:1) see: DG8577000 BENZOIC ACID, 3,4-DIHYDROXY-5-METHOXY-, 2-(AMINOIMINOMETHYL)HYDRAZIDE, SULFATE(2:1) (salt)
3,4-DIHYDROXY-5-METHOXYBENZOYL AMINOGUANIDINE HEMISULFATE see: DG8577000 BENZOIC ACID, 3,4-DIHYDROXY-5-METHOXY-, 2-(AMINOIMINOMETHYL)HYDRAZIDE, SULFATE (2:1) (salt)
2,2'-DIHYDROXY-4-METHOXYBENZOPHENONE see: DJ1049500
2,6-DIHYDROXY-4-METHOXYBENZOPHENONE see: DJ1050000
5,7-DIHYDROXY-8-METHOXYFLAVONE see: LK8331000
1,8-DIHYDROXY-3-METHOXY-6-METHYLANTHRAQUINONE see: CB6720000
3,7-DIHYDROXY-9-METHOXY-1-METHYL-6H-DIBENZO(b,d)PYRAN-6-ONE see: HP8755000
1,2-DIHYDROXY-3-(2-METHOXYPHENOXY)PROPANE see: TY8400000
(2,6-DIHYDROXY-4-METHOXYPHENYL)PHENYLMETHANONE see: DJ1050000
1,3-DIHYDROXY-7-METHOXYXANTHEN-9-ONE see: ZD6034500
1,7-DIHYDROXY-3-METHOXYXANTHEN-9-ONE see: ZD6034600
3',4'-DIHYDROXY-2-(METHYLAMINO)ACETOPHENONE HYDROCHLORIDE see: AM8225000
3,4-DIHYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL ALCOHOL see: DO2625000
(-)-3,4-DIHYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL ALCOHOL ASCORBATE see: DO3000000
(+-)-3,4-DIHYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DO3330000
(-)-3,4-DIHYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL) ALCOHOL (+)-TARTRATE (1:1) SALT see: DO3500000
3-DI(HYDROXYMETHYL)AMINO-6-(2-(5-NITRO-2-FURYL)VINYL)-1,2,4-TRIAZINE see: PC3200000
2,17-beta-DIHYDROXY-17-METHYLANDROSTA-1,4-DIEN-3-ONE see: BV7994000
3,8-DIHYDROXY-6-METHYL-1-ANTHRAQUINONYL-beta-D-GLUCOPYRANOSIDE see: LZ5785300
7,12-DIHYDROXYMETHYLBENZ(a)ANTHRACENE see: CW1925000
3,9-DIHYDROXY-7-METHYLBENZ(a)ANTHRACENE see: CW4638000
3,9-DIHYDROXY-12-METHYLBENZ(a)ANTHRACENE see: CW4638500
7,12-DIHYDROXYMETHYLBENZ(a)ANTHRACENE-3,4-DIOL see: CW2165000
1,3-DIHYDROXY-5-METHYLBENZENE see: VH2100000
2,4-DIHYDROXY-3-METHYLBENZOIC ACID see: VH3709200
2,4-DIHYDROXY-5-METHYLBENZOIC ACID see: VH3709500
2,6-DIHYDROXY-4-METHYL-5-BIS(2-CHLOROETHYL)AMINOPYRIMIDINE see: YQ9000000
cis-1,2-DIHYDROXY-3-METHYLCHOLANTHRENE see: FZ3500000
4,4-DIHYDROXYMETHYL-1-CYCLOHEXENE see: GW6300000
(E)-3,4-DIHYDROXY-7-METHYL-3,4-DIHYDROBENZ(a)ANTHRACENE-12-METHANOL see: CW8610000
(E)-3,4-DIHYDROXY-12-METHYL-3,4-DIHYDROBENZ(a)ANTHRACENE-7-METHANOL see: CW8600000
2,12-DIHYDROXY-4-METHYL-11,16-DIOXOSENECIONANIUM see: VT5960G00
DI-4-HYDROXY-3,3'-METHYLENEDICOUMARIN see: GN7875000
16-beta,17-DIHYDROXY-16-METHYLESTR-4-EN-3-ONE see: KG7962500
6-(1-(1,2-DIHYDROXYMETHYL)ETHYLAMINO)-2,4-DI(ETHYLENEIMINO)TRIAZINE see: TY3192800
DIHYDROXYMETHYL FURATRIZINE see: PC3200000
1,8-DIHYDROXY-3-METHYL-6-METHOXY-9,10-ANTHRAQUINONE see: CB6720000
11-alpha,17-beta-DIHYDROXY-17-METHYL-3-OXOANDROSTA-1,4-DIENE-2-CARBOXALDEHYDE see: BV7985000
(5Z,9-alpha,13E,15S)-9,15-DIHYDROXY-15-METHYL-11-OXOPROSTA-5,13-DIEN-1-OIC ACID see: UK7894900
4,16-DIHYDROXY-19-METHYL-10-OXOSTRYCHNIDINIUM see: ZB2500000
2,4-DIHYDROXY-2-METHYLPENTANE see: SA0810000
DIHYDROXYMETHYL PEROXIDE see: SD8240000
alpha,beta-DIHYDROXY-gamma-(2-METHYLPHENOXY)PROPANE see: TZ1225000
1,2-DIHYDROXY-3-(2-METHYLPHENOXY)PROPANE see: TZ1225000
3-beta,17-DIHYDROXY-6-alpha-METHYLPREGN-4-EN-20-ONE 17-ACETATE see: TU5555000
6-(1-(1,2-DIHYDROXYMETHYL)PROPYLAMINO)-2,4-DI(ETHYLIMINO)TRIAZINE see: TY3192300
d-N,N'-DI(1-HYDROXYMETHYLPROPYL)ETHYLENEDIAMINE DIHYDROCHLORIDE mixed with sodium nitrite see: EL3855000
DIHYDROXY(2-METHYL-8-QUINOLATO)BISMUTH see: EB2780000
3,5-DIHYDROXY-6-METHYL-1,2,4-TRIAZINE see: XY8050000
1,4-DIHYDROXYMETHYL-delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE see: XZ5467000
1,8-DIHYDROXY-10-MYRISTOYL-9-ANTHRONE see: CB1405000
N,3-DIHYDROXY-4-(1-NAPHTHALENYLOXY)BUTANIMIDAMIDE HYDROCHLORIDE see: ES5222000
5,8-DIHYDROXY-1,4-NAPHTHOQUINONE see: QL7970000
4,5-DIHYDROXYNIRIDAZOLE see: NJ0648000
cis-1,2-DIHYDROXY-5-NITROACENAPHTHENE see: AB1024200
D-threo-N-(1,1'-DIHYDROXY-1-p-NITROPHENYLISOPROPYL)DICHLOROACETAMIDE see: AB6825000
4,5-DIHYDROXY-1-(5-NITRO-2-THIAZOLYL)-2-IMIDAZOLIDINONE see: NJ0648000
17,21-DIHYDROXY-19-NOR-17-alpha-PREGN-4-EN-3-ONE see: RC8961180
17-beta,21-DIHYDROXY-19-NOR-17-alpha-PREGN-4-EN-3-ONE see: RC8961180
3,9-DIHYDROXY-5,6,6a-alpha,6b-beta,11,12,12a-beta,12b-alpha-OCTAHYDRODIBENZO(a,g)BIPHENYLENE see: HO4990000
3,17-alpha-DIHYDROXYOESTRA-1,3,5(10)-TRIENE see: KG3750000
3,17-beta-DIHYDROXY-1,3,5(10)-OESTRATRIENE see: KG2975000
3,17-beta-DIHYDROXYOESTRA-1,3,5-TRIENE see: KG2975000
DIHYDROXYOESTRIN see: KG2975000
3-beta,14-DIHYDROXY-19-OXOCARDA-5,20(22)-DIENOLIDE see: FH4462000
3-beta,14-DIHYDROXY-19-OXOCARDA-5,20(22)-DIENOLIDE 3-ACETATE see: FH4463000
3,7-DIHYDROXY-12-OXO-CHOLAN-24-OIC ACID SODIUM SALT see: FZ2235000
3,12-DIHYDROXY-7-OXO-CHOLAN-24-OIC ACID SODIUM SALT see: FZ2235010
7,12-DIHYDROXY-3-OXO-CHOLAN-24-OIC ACID SODIUM SALT see: FZ2235020
3,6-DIHYDROXY-5-OXO-1,3,6-CYCLOHEPTATRIENE-1-CARBOXYLIC ACID see: GU3825530 1,3,6-CYCLOHEPTATRIENE-1-CARBOXYLIC ACID, 3,6-DIHYDROXY-5-OXO-
(5Z,9-alpha,12E,15S)-9,15-DIHYDROXY-11-OXOPROSTA-5,12-DIEN-1-OIC ACID see: UK7900000
(5Z,11-alpha,13E,15S)-11,15-DIHYDROXY-9-OXOPROSTA-5,13-DIEN-1-OIC ACID see: UK8000000
(5Z,11-alpha,13E,15S)-11,15-DIHYDROXY-9-OXOPROSTA-5,13-DIEN-1-OIC ACID MONOSODIUM SALT see: UK8006000
1,2-DIHYDROXY-2-OXO-N-(2,6-XYLYL)-3-PYRIDINECARBOXAMIDE see: U54600000
r-8,t-9-DIHYDROXY-t-10,11-OXY-8,9,10,11-TETRAHYDROBENZ(a)ANTHRACENE see: CX3074700
anti-r-7,t-8-DIHYDROXY-t-9,10-OXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ7960000
r-7,t-8-DIHYDROXY-t-9,10-OXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ7956400
trans-7,8-DIHYDROXY-9,10-OXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ7960000
3,4-DIHYDROXY-1,2-OXY-1,2,3,4-TETRAHYDRODIBENZO(a,e)FLUORANTHENE see: HO4760500
12,13-DIHYDROXY-10,11-OXY-10,11,12,13-TETRAHYDRODIBENZO(a,e)FLUORANTHENE see: HO4760000
3,5-DIHYDROXYPHENOL see: SY1050000
DIHYDROXY-L-PHENYLALANINE see: AY5600000
beta-(3,4-DIHYDROXYPHENYL)-L-ALANINE see: AY5600000
L-DIHYDROXYPHENYLALANINE see: AY5600000
L-alpha-DIHYDROXYPHENYLALANINE see: AY5600000
L-beta-(3,4-DIHYDROXYPHENYL)ALANINE see: AY5600000
L-3,4-DIHYDROXYPHENYLALANINE see: AY5600000
L-3,4-DIHYDROXYPHENYL-alpha-ALANINE see: AY5600000
3-(3,4-DIHYDROXYPHENYL)-L-ALANINE see: AY5600000
(-)-3,4-DIHYDROXYPHENYLALANINE see: AY5600000
(-)-3-(3,4-DIHYDROXYPHENYL)-L-ALANINE see: AY5600000
beta-(3,4-DIHYDROXYPHENYL)-alpha-ALANINE see: AY5600000
3,4-DIHYDROXYPHENYLALANINE see: AY5600000
3,4-DIHYDROXYPHENYL-L-ALANINE see: AY5600000
3,4-DIHYDROXY-L-PHENYLALANINE see: AY5600000
L-3-(3,4-DIHYDROXYPHENYL)ALANINE METHYL ESTER see: AY5960000
l-1-(3,4-DIHYDROXYPHENYL)-2-AMINOETHANOL see: DN5950000
3,4-DIHYDROXYPHENYL)-1-AMINO-2-ETHANOL-1, HYDROCHLORIDE see: DN6650000
l-3,4-DIHYDROXYPHENYLETHANOLAMINE see: DN5950000
DIHYDROXYPHENYLETHANOLISOPROPYLAMINE see: DO1750000
(3,4-DIHYDROXYPHENYL)-1-ETHYLAMINO-2-ETHANOL-1, HYDROCHLORIDE see: KK5775000
1-(3,4-DIHYDROXYPHENYL)-2-ETHYLAMINOETHANOL HYDROCHLORIDE see: KK5775000
3,4-DIHYDROXYPHENYLETHYLMETHYLAMINE HYDROCHLORIDE see: UX1925000
gamma,delta-Di(p-HYDROXYPHENYL)-HEXANE see: SL0560850
meso-3,4-Di(p-HYDROXYPHENYL)-n-HEXANE see: SL0560850
3,4'(4,4'-DIHYDROXYPHENYL)HEX-3-ENE see: WJ5600000
1-(3,5-DIHYDROXY-PHENYL-2-((1-(4-HYDROXYBENZYL)ETHYL)AMINO)-ETHANOL HYDROBROMIDE see: DO1500000
7-(3-(2-(3,5-DIHYDROXYPHENYL-2-HYDROXY-ETHYLAMINO)PROPYL)THEOPHYLLINE HYDROCHLORIDE see: XH5099000
2-(3,4-DIHYDROXYPHENYL)-3-(p-HYDROX/PHENYL)-2-METHYLVALERONITRILE see: YV8250000
1-(3,4-DIHYDROXYPHENYL)-2-ISOPROPYLAMINO-1-BUTANOL HYDROCHLORIDE see: DO2320000
1-(3,4-DIHYDROXYPHENYL)-2-ISOPROPYLAMINOETHANOL see: DO1750000
(+-)-1-(3,4-DIHYDROXYPHENYL)-2-ISOPROPYLAMINOETHANOL HYDROCHLORIDE see: DO1930000
dl-alpha-3,4-DIHYDROXYPHENYL-beta-ISOPROPYLAMINOETHANOL SULFATE see: DO2100000
1-(3,5-DIHYDROXYPHENYL)-2-(ISOPROPYLAMINO)ETHANOL SULFATE see: DO2275000
alpha-(3,4-DIHYDROXYPHENYL)-4-p-METHOXYBENZYL-1-PIPERAZINEETHANOL DIHYDROCHLORIDE see: TL9275800
L(-)-beta-(3,4-DIHYDROXYPHENYL)-alpha-METHYLALANINE see: AY5950000
L-(-)-3-(3,4-DIHYDROXYPHENYL)-2-METHYLALANINE see: AY5950000
L-3-(3,4-DIHYDROXYPHENYL)-2-METHYLALANINE see: AY5950000
3,4-DIHYDROXYPHENYL-1-METHYLAMINO-2-ETHANE HYDROCHLORIDE see: UX1925000
l-1-(3,4-DIHYDROXYPHENYL)-2-METHYLAMINOETHANOL see: DO2625000
l-1-(3,4-DIHYDROXYPHENYL)-2-METHYLAMINO-1-ETHANOL HYDROCHLORIDE see: DO3150000
beta-DI-p-HYDROXYPHENYLPROPANE see: SL6300000
2,2-DI(4-HYDROXYPHENYL)PROPANE see: SL6300000
beta-2,4-DIHYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see: VG9901000
beta-2,5-DIHYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see: MX3680000
beta-2,6-DIHYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see: VG9900000
beta-3,4-DIHYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see: UX1093000
1-(4-(3,4-DIHYDROXYPHENYL)THIAZOL-2-YL)-3,5-DIMETHYLPYRAZOLE see: UX1700000
1-(4-(3,4-DIHYDROXYPHENYL)THIAZOL-2-YL)-3-METHYL-5-TETRAFLUOROETHYLPYRAZOLE see: UX2080000
DIHYDROXYPHOSPHINECARBOXYLIC ACID OXIDE TRISODIUM SALT see: SY8200000 PHOSPHINECARBOXYLICACID, DIHYDROXY-, OXIDE, TRISODIUM SALT
(17R,21-alpha)-17,21-DIHYDROXY-4-(2-PIPERIDINOETHYL)AJMALANIUM see: AX8155700
17,21-DIHYDROXYPREGNA-1,4-DIENE-3,11,20-TRIONE see: TU4154100
3-alpha,21-DIHYDROXY-5-alpha-PREGNANE-11,20-DIONE see: TU4157175
3-alpha,17-DIHYDROXYPREGNAN-20-ONE see: TU4379000
3-beta,17-beta-DIHYDROXY-5-alpha-PREGNAN-20-ONE see: TU4379500
11-beta,21-DIHYDROXYPREGN-3,20-DIONE see: GM7650000
11-beta,21-DIHYDROXYPREGN-4-ENE-3,20-DIONE ACETATE see: GM7820000
16-alpha,17-DIHYDROXYPREGN-4-ENE-3,20-DIONE CYCLIC ACETAL with ACETOPHENONE see: TU5011700
16-alpha,17-DIHYDROXYPREGN-4-ENE-3,20-DIONE CYCLIC ACETAL with 2-FURYL METHYL KETONE see: TU5011800
3,17-DIHYDROXYPREGN-5-ENE-7,20-DIONE DIACETATE see: TU5016000
3-beta,20-DIHYDROXYPREGN-5-ENE-16-alpha-METHANOL 3,20-DIACETATE see: TU5480000
3-beta,20-beta-DIHYDROXYPREGN-5-ENE-16-alpha-METHANOL TRIACETATE see: TU5490000
17alpha,21-DIHYDROXYPREGN-4-ENE-3,11,20-TRIONE see: GM9020000
17alpha,21-DIHYDROXY-4-PREGNENE-3,11,20-TRIONE see: GM9020000
17,21-DIHYDROXYPREGN-4-ENE-3,11,20-TRIONE ACETATE see: GM9140000
3-beta,17-DIHYDROXYPREGN-5-EN-20-ONE see: TU5548000
11-beta,17-DIHYDROXY-17-alpha-PREGN-4-EN-20-YN-3-ONE 17-ACETATE see: TU5570190
11,12-DIHYDROXYPROGESTERONE see: GM7650000
11-beta,21-DIHYDROXYPROGESTERONE see: GM7650000
DIHYDROXYPROGESTERONE ACETOPHENIDE see: TU5011700
16-alpha,17-alpha-DIHYDROXYPROGESTERONE ACETOPHENIDE see: TU5011700
1,2-DIHYDROXYPROPANE see: TY2000000
o-(2,3-DIHYDROXYPROPOXY)BENZOIC ACID ETHYL ESTER see: DG8589900
3-(2,3-DIHYDROXYPROPOXY)-10-ETHYL-11-PHENYLDIBENZO(b,f)OXEPIN see: TY6744400
1-(4-(2,3-DIHYDROXYPROPOXY)-3-METHOXYPHENYL)-1-PROPANONE see: UH0525000
4'-(2,3-DIHYDROXYPROPOXY)-3-METHOXYPROPIOPHENONE see: UH0525000
9-((1,3-DIHYDROXY-2-PROPOXY)METHYL)GUANINE see: MF8407000
1-(p-(2,3-DIHYDROXYPROPOXY)PHENYL)-2-PHENYL-6-METHOXY-3,4-DIHYDRONAPHTHALENE see: TY8782000
1-(p-(2,3-DIHYDROXYPROPOXY)PHENYL)-2-PHENYL-6-METHOXY-3,4-DIHYDRONAPHTHALENE CYCLIC CARBONATE see: FF9600000
2,3-DIHYDROXYPROPYL ACETATE see: AK3600000
(17R,21-alpha)-17,21-DIHYDROXY-4-PROPYLAJMALANIUM see: AX8155800
17R,21-alpha-DIHYDROXY-4-PROPYLAJMALANIUM HYDROGEN TARTRATE see: AX7750000
2,3-DIHYDROXYPROPYLALLYLAMINE see: TY2280000
10,11-DIHYDROXY-6-PROPYLAPORPHINIUM IODIDE see: CE0990000
DN(2-HYDROXY-n-PROPYL)AMINE see: JL9650000
4-(2,3-DIHYDROXYPROPYLAMINO)-2-(5-AMINO-2-THIENYL)QUINAZOLINE see: TY3165000
6-(1,3-DIHYDROXY-2-PROPYLAMINO)-2,4-DI(ETHYLENEIMINO)TRIAZINE see: TY3192000
4-(2,3-DIHYDROXYPROPYLAMINO)-2-(5-NITRO-2-THIENYL)QUINAZOLINE see: VA1375000
2,3-DIHYDROXYPROPYL CHLORIDE see: TY4025000
7-(2,3-DIHYDROXYPROPYL)-3,7-DIHYDRO-1,3-DIMETHYL-1H-PURINE-2,6-DIONE see: XH5100000
2,3-DIHYDROXYPROPYL 6,11-DIHYDRO-11-OXODIBENZ(b,e)OXEPIN-3-ACETATE see: HQ4130000
3-(2,3-DIHYDROXYPROPYL)-1,8-DIMETHYL-7-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE see: NJ5096200
N,N-DI-(2-HYDROXYPROPYL)NITROSAMINE see: JL9650000
4-(o-(2',3'-DIHYDROXYPROPYLOXYCARBONYL)PHENYL)-AMINO-8-TRIFLUOROMETHYLQUINOLINE see: DH8520000

BEST COPY AVAILABLE

DIHYDROXYPROPYL THEOPHYLLINE see: XH5100000
7-(2,3-DIHYDROXYPROPYL)THEOPHYLLINE see: XH5100000
DIHYDROXYPROPYL THEOPYLIN (GERMAN) see: XH5100000
(1,2-DIHYDROXY-3-PROPYL)THIOPHYLLIN see: XH5100000
2,3-DIHYDROXYPROPYL N-(8-(TRIFLUOROMETHYL)-4-QUINOLYL)ANTHRANILATE see: DH8520000
2,4-DIHYDROXY-2H-PYRAN-delta-3(6H),alpha-ACETIC ACID-3,4-LACTONE see: LV2625000
(2,4-DIHYDROXY-2H-PYRAN-3(6H)-YLIDENE)ACETIC ACID-3,4-LACTONE see: LV2625000
4,6-DIHYDROXYPYRIMIDIN (German) see: UW7523000
2,4-DIHYDR?XYPYRIMIDINE see: YQ8650000
4,8-DIHYDROXYQUINALDIC ACID see: UZ9275000
4,8-DIHYDROXYQUINALDINIC ACID see: UZ9275000
2,4-DIHYDROXYQUINAZOLINE see: VA1390000
4,8-DIHYDROXYQUINOLINE-2-CARBOXYLIC ACID see: UZ9273000
8,8''-DIHYDROXY-RUGULOSIN see: EK6125000
12,18-DIHYDROXY-SENECIONAN-11,16-DIONE see: VH7525000
delta(sup 5)-3-beta,12-alpha-DIHYDROXYSOLANIDENE see: WF0300000
delta(sup 5)-3-beta,12-alpha-DIHYDROXYSOLANIDENE HYDROBROMIDE see: WF0400000
2,2'-DIHYDROXY-3,3',5,5'-TETRACHLORODIPHENYLSULFIDE see: SN0525000
trans-3,4-DIHYDROXY-1,2,3,4-TETRAHYDRODIBENZ(a,h)ANTHRACENE see: HN5785000
trans-3,4-DIHYDROXY-1,2,3,4-TETRAHYDRODIBENZO(a,h)ANTHRACENE see: HN5785000
trans-9,10-DIHYDROXY-9,10,11,12-TETRAHYDROBENZO(e)PYRENE see: DJ7955200
trans-1,2-DIHYDROXY-1,2,3,4-TETRAHYDROCHRYSENE see: GC1200000
3',4'-DIHYDROXY-2-((1,2,3,4-TETRAHYDRO-2-NAPHTHYL)AMINO)ACETOPHENONE HYDROCHLORIDE see: AM8238000
1,8-DIHYDROXY-2,4,5,7-TETRANITROANTHRAQUINONE (DOT) see: CB6750000
alpha,2-DIHYDROXYTOLUENE see: DO6430000
2,5-DIHYDROXYTOLUENE see: MX6700000
3,4-DIHYDROXYTOLUENE see: UX1915000
3,5-DIHYDROXYTOLUENE see: VH2100000
3,6-DIHYDROXY-4-(p-TOLYLMETHYL)BENZOIC ACID see: VH3709800
1,3-DIHYDROXY-2,4,6-TRINITROBENZENE see: VH3540000
2,4-DIHYDROXY-1,3,5-TRINITROBENZENE see: VH3540000
3,5-DIHYDROXY-2,6,6-TRIS(3-METHYL-2-BUTENYL)-4-(3-METHYL-1-OXOBUTYL)-2,4-CYCLOHEXADIEN-1-ONE see: OK5950000
2,5-DIHYDROXY-3-UNDECYL-1,4-BENZOQUINONE see: DK4230000
6-(6,10-DIHYDROXYUNDECYL)-beta-RESORCYLIC ACID, mo-LACTONE see: DM2520000
DIHYDROXYVITAMIN D3 see: FZ4645000
1-alpha DIHYDROXYVITAMIN D3 see: FZ4650000
1-alpha,25-DIHYDROXYVITAMIN D3 see: FZ4645000
5,14-DIHYDROXY-3-beta-((D-XYLOPYRANOSYL)OXY)-19-OXO-5-beta-CARD-20(22)-ENOLIDE see: FH5030000
DIHYXAL see: UC1645000
1,4-DIIDROBENZENE (Italian) see: MX3500000
DIIDROBENZO(1-1)TIAZINA CLORIDRATO (Italian) see: DL0713600
DIIDRO-5,5-DIET'L-2H-1,3-OSSAZIN-2,4(3H)-DIONE (Italian) see: RP6300000
DIIDROFLUMETIAZIDATO di IDROSSIZINA (Italian) see: DK8182000
DIIDROTRIFLUOROMETILTIAZIDE-3-CARBOSSILATO (Italian) see: DK8181000
DIIDROTRIFLUOROMETILTIAZIDE-3-CARBOSSILATO di IDROSSIZINA (Italian) see: DK8182000
DIIDROXI-1,4-BENZENESULFONATO-3-DI-ETILAMMONIUM (Italian) see: DB6145000

IL8842000 DIIMIDE, ((p-CHLOROPHENYL)THIO)(2,4,5-TRICHLOROPHENYL)-
UPDT:8400 CAS: 2274-74-0 MW: 357.08 MOLFM: C12 H6 Cl4 N2 S
SYN: BENZENEDIAZO p-CHLOROPHENYL SULFIDE * 2,4,5-TRICHLORO- * CHLORFENSULFID (German) * CHLORFENSULFIDE * 4-CHLOROPHENYL 2,4,5-TRICHLOROPHENYLAZOSULFIDE * CPAS * MICASIN * 2,4,5-TRICHLOROPHENYLAZO-4'-CHLOROPHENYL SULFIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4900 mg/kg 85DPAN -,-,71/76
unk-mus LD50:3000 mg/kg 30ZDA9 -,281,71

DIIMIDE, 1-CYANO-2-(1-PHENYL-3-PYRAZOLYL)-, 2-OXIDE see: HM2968300
DIIMIDE, 1-CYANO-2-(1-PHENYL-4-PYRAZOLYL)-, 2-OXIDE see: HM2968310
1,3-DIIMINOISOINDOLIN (Czech) see: NR3500000
1,3-DIIMINOISOINDOLINE see: NR3500000
DIINDOGEN see: DU2988400
3,3'-DIINDOLYL-2,2'-TETRASULFIDE see: XF6430000
DIIOACETYLEN, see: AP1135000
DIIODBENZOTEPH see: CV2352000
DIIODOACETYLENE (DOT) see: AP1135000
3,5-DIIODOANTHRANILIC ACID see: CB2999300
4-(3,5-DIIODOBENZENESULFONAMIDO)BENZOIC ACID see: DG8597000
3,4-DIIODOBENZENESULFONIC ACID POTASSIUM SALT see: DB6145300
N-(3,5-DIIODOBENZENESULFONYL)ANTHRANILIC ACID see: CB2999400
N-(3,5-DIIODOBENZENESULFONYL)GLYCINE see: MR9803000
N-(3,5-(DIIODOBENZENESULFONYL)SULFANILIC ACID SODIUM SALT see: WP3898800
(2,4-DIIODO-1,3,5-BENZENETRIYL)TRIS-beta-D-GLUCOPYRANOSIDE see: LZ5787000
2,5-DIIODOBENZOIC ACID SODIUM SALT see: DG8597800
DIIODOBENZOTEF see: CV2352000
N-2,5-DIIODOBENZOYL-N',N',N'',N''-DIETHYLENEPHOSPHORTRIAMIDE see: CV2352000
N-(2,5-DIIODOBENZOYL)GLUTAMIC ACID see: MA1255000
cis-DIIODOBIS(7-AZOINDOLE)PLATINUM(II) see: TP2263400
cis-DIIODO(1,2-DIAMINOBENZENE)PLATINUM(II) see: TP2171600
DIIODOETHYLATE de N,N'BIS(PIPERIDYLETHOXY)ETHYLENE (French) see: TN5187000
DIIODOETHYLATE de 8'-8'' DIQUINOLEYLOXY-1,5 PENTANE (French) see: VC3968200
DIIODOFLUORESCEIN see: LM5350000
3,5-DIIODO-N-HEXANOYLANTHRANILIC ACID see: CB2999500
2,5-DIIODOHIPPURIC ACID see: MR8158000
3,4-DIIODOHIPPURIC ACID see: MR8158500
4-(3,5-DIIODO-4-HYDROXYBENZENESULFONAMIDO)BENZOIC ACID see: DG8597650
N-(3,5-DIIODO-4-HYDROXYBENZENESULFONYL)ANTHRANILIC ACID see: CB2999550
3,5-DIIODO-2-HYDROXYBENZOIC ACID see: DG8597490
3,5-DIIODO-4-HYDROXYBENZOIC ACID see: DG8597500
3,5-DIIODO-4-HYDROXYBENZONITRILE see: DI4025000
N-(3,5-DIIODO-4-HYDROXYBENZOYL)ANTHRANILIC ACID see: CB2999570
DIIODO-3,3 HYDROXY-4 BENZOYL 2 FURANNE (French) see: OB1835300
3,5-DIIODO-4-HYDROXYPHENYL 2,5-DIMETHYL-3-FURYL KETONE see: OB1834000
3,5-DIIODO-4-HYDROXYPHENYL 2-ETHYL-3-BENZOFURANYL KETONE see: OB1835000
3,5-DIIODO-4-HYDROXYPHENYL 5-ETHYL-2-FURYL KETONE see: OB1835200
3,5-DIIODO-4-HYDROXYPHENYL 2-FURYL KETONE see: OB1835300
3,5-DIIODO-4-HYDROXY-1(4H)-PYRIDINEACETIC ACID SODIUM SALT see: UR8720000
3,5-DIIODO-2-HYDROXYTOLUENE-alpha,alpha-DIOL TRIACETATE (ester) see: XT2180000
3,5-DIIODO-N-(o-IODOBENZOYL)ANTHRANILIC ACID see: CB2999610
1,3-DIIODOISOPROPYL ALCOHOL see: UB1950000
DIIODOMETHANE see: PA8575000
DIIODOMETHANESULFONIC ACID SODIUM SALT see: PB1960000 METHANESULFONIC ACID, DIIODO-, SODIUMSALT
DIIODOMETHYLARSINE see: CH6050000
DIIODOMETHYLATE de BIS(DIETHYLAMINOETHOXY 4-4')DIPHENYL delta gamma HEXADIENE (French) see: BP8054300
DIIODOMETHYLATE de le BIS(PIPERIDINOMETHYL-COUMARANYL-5)CETONE (French) see: TN4698000
DIIODOMETHYLATE de N,N'BIS(PIPERIDYLETHOXY)ETHYLENE (French) see: TN5197100
3,5-DIIODO-1-METHYLCHELIDAMIC ACID SODIUM SALT see: US7970000
DIIODOMETILATO del BISPIPERIDINOMETILCUMARANIL-5-CHETONE (Italian) see: TN4698000
2,6-DIIODO-4-NITROPHENOL see: SL0750000
3,5-DIIODO-4-OXO-1(4H)-PYRIDINEACETIC ACID compd. with 1-DEOXY-1-(METHYLAMINO)GLUCITOL see: UR8740000
3,5-DIIODO-4-OXO-1(4H)PYRIDINEACETIC ACID 2,2'-IMINODIETHANOL SALT see: UR8750000
3,5-DIIODO-4-OXO-1(4H)-PYRIDINEACETIC ACID compd. with MORPHOLINE and 2,2'-IMINODIETHANOL see: UR8800000
3,5-DIIODO-4-OXO-1(4H)-PYRIDINEACETIC ACID PROPYL ESTER see: UR8925000
3,5-DIIODO-N-2-PHENYLBUTRYLANTHRANILIC ACID see: CB2999700
3,5-DIIODO-alpha-PHENYLPHLORETIC ACID see: MW5150000
1,3-DIIODO-2-PROPANOL see: UB1950000
DI(3-IODO-2-PROPYNYL)HEXAMETHYLENE-1,6-DICARBAMATE see: FB1500000
3,5-DIIODO-4-PYRIDONE see: UV1146600
3,5-DIIODO-4(1H)-PYRIDONE see: UV1146660
3,5-DIIODO-4-PYRIDONE-N-ACETIC ACID, DIETHANOLAMINE SALT see: UR8750000
3,5-DIIODO-4-PYRIDONE-N-ACETIC ACID PROPYL ESTER see: UR8925000
3,5-DIIODOSALICALDEHYDE ACETATE (ester) see: VN4906000
3,5-DIIODOSALICALDEHYDE SODIUM SALT see: VN4907000
3,5-DIIODO-N-(p-SULFAMOYLBENZYL)SULFANILAMIDE see: WQ8995000
3-(3,5-DIIODOSULFANILAMIDO)BENZENESULFONIC ACID see: DB6145350
3-(3,5-DIIODOSULFANILAMIDO)BENZOIC ACID see: DG8597850
4-(3,5-DIIODOSULFANILAMIDO)BENZOIC ACID see: DG8597860
alpha-(3,5-DIIODOSULFANILAMIDO)-p-TOLUENESULFONIC ACID see: XT6700000
(p-(3,5-DIIODOSULFANILAMIDO)PHENYL)ACETIC ACID see: AM0655000
4-(3,5-DIIODOSULFANILAMIDO)PHENYLACETIC ACID see: AM0655000
4-N-(3,5-DIIODOSULFANILYL)-AMINOMETHYLBENZENESULFONAMIDE see: WO8995000
4-N-(3,5-DIIODOSULFANILYL)-AMINOMETHYLBENZENESULFONIC ACID see: XT6700000
N-(3,5-DIIODOSULFANILYL)ANTHRANILIC ACID see: CB2999800
N-(3,5-DIIODOSULFANILYL)SULFANILIC ACID SODIUM SALT see: WP3898900
2,4-DIIODO-1,3,5-TRI-O-GLUCOSYL BENZENE see: LZ5787000
DI-(IODHYDRATE de CARBAMOYLCHOLINE 1-7 HEPTANE) (French) see: GA4760000
DI(IODHYDRATE de CARBAMOYLCHOLINE 1-5 HEXANE) (French) see: GA4763000
DI-IODURE D'HEXAMETHYLENE BIS-(CARBAMOYLCHOLINE) (French) see: GA4763000
DIIRON TRISULFATE see: NO8505000
DIISOAMYL ADIPATE see: AV1500000
DIISOAMYL ANILIDOPHOSPHATE see: TB3964200
DIISOBUTENE see: SB2717000
DIISOBUTILCHETONE (Italian) see: MJ5775000
DIISOBUTYL ADIPATE see: AV1480000
DIISOBUTYLALUMINIUM HYDRIDE see: BD0710000
DIISOBUTYLALUMINUM see: BD0710000
DIISOBUTYLALUMINUM CHLORIDE see: BD0560000
DIISOBUTYLALUMINUM HYDRIDE see: BD0710000
DIISOBUTYLALUMINUM MONOCHLORIDE see: BD0560000
DIISOBUTYLAMINE see: TX1750000
DIISOBUTYLAMINE (DOT) see: TX1750000

IM1500000 DIISOBUTYLAMINE, N-NITROSO-
UPDT:8401 MW: 158.28 MOLFM: C8 H18 N2 O
SYN: DI-ISO-BUTYLNITROSAMINE * NITROSODIISOBUTYLAMINE * N-NITROSODI-ISO-BUTYLAMINE

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate TCMUD8 1,295,80

TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 orl-rat TDLo:1750 mg/kg/30W-I JJIND8 62,407,79
3V03D09K60 orl-rat TD :11 gm/kg/50W-C CALEDQ 14,297,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIISOBUTYLAMINOBENZOYLOXYPROPYL THEOPHYLLINE see: XH5161000
alpha-((DIISOBUTYLAMINO)METHYL)THEOPHYLLINE-8-ETHANOL BENZOATE (ester) see: XH5161000
DIISOBUTYL ANILIDOPHOSPHATE see: TB3964100
DIISOBUTYL CARBINOL see: MJ3325000
DIISOTRIDECYL PEROXYDICARBONATE, technically pure (DOT) see: SD9830000
DI-ISOBUTYLCETONE (French) see: MJ5775000
DIISOBUTYLCHLOROALUMINUM see: BD0560000
p-DIISOBUTYLCRESOXYETHYLDIMETHYLBENZYLAMMONIUM CHLORIDE MONOHYDRATE see: BQ7380000
DIISOBUTYLENE see: SB2717000
DIISOBUTYLENE (DOT) see: SB2717000

IM2275000 DIISOBUTYLENE OXIDE
UPDT:8407 CAS: 6391-99-6 MW: 128.24 MOLFM: C8 H16 O
SYN: EP-185

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 4/10/68
eye-rbt 500 mg open AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4920 mg/kg AMIHBC 10,61,54
ihl-rat LCLo:4000 ppm/4H AMIHBC 10,61,54
skn-rbt LD50:14 gm/kg AMIHAB 14,250,56

DIISOBUTYLHYDROALUMINUM see: BC0710000
DIISOBUTYL ISOPHTHALATE see: NT2533000
DIISOBUTYLKETON (Dutch, German) see: MJ5775000
DIISOBUTYL KETONE see: MJ5775000
DIISOBUTYL KETONE (DOT) see: MJ5775000
DI-ISO-BUTYLNITROSAMINE see: IM1500000
DIISOBUTYLPHENOXYETHOXYETHYL DIMETHYL BENZYL AMMONIUM CHLORIDE see: BO7175000
DIISOBUTYL PHTHALATE see: TI1225000
DIISOBUTYLTHIOCARBAMIC ACID S-ETHYL ESTER see: EZ7525000
DIISOBUTYLTIN OXIDE see: WH7310000
DIISOBUTYRYL PEROXIDE see: NQ5700400
DIISOBUTYRYL PEROXIDE (DOT) see: NQ5700400
DIISOCARB see: EZ7525000
4-4'-DIISOCYANATE DE DIPHENYLMETHANE (French) see: NQ9350000
DI-ISOCYANATE DE TOLUYLENE (French) see: CZ6300000
4,4'-DIISOCYANATO-3,3'-DIMETHOXY-1,1'-BIPHENYL see: NQ8800000
4,4'-DIISOCYANATODIPHENYLMETHANE see: NQ9350000
1,6-DIISOCYANATOHEXANE see: MO1740000
DI-ISO-CYANATOLUENE see: CZ6300000
2,4-DIISOCYANATO-1-METHYLBENZENE (9CI) see: CZ6300000
2,6-DIISOCYANATO-1-METHYLBENZENE see: CZ6310000
DIISOCYANATOTOLUENE see: NQ9490000
2,4-DIISOCYANATOTOLUENE see: CZ6300000
2,6-DIISOCYANATOTOLUENE see: CZ6310000
DIISOCYANAT-TOLUOL (German) see: CZ6300000
DIISONONYLTIN DICHLORIDE see: WH7230000
DIISOOCTYL ACID PHOSPHATE see: TC2400000
DIISOOCTYL ACID PHOSPHATE (DOT) see: TC2400000
DIISOOCTYL ((DIOCTYLSTANNYLENE)DITHIO)DIACETATE see: WH6723000
DIISOOCTYL PHOSPHATE see: TC2400000
DIISOOCTYL PHTHALATE see: TI1300000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

2,2'-((DIISOPENTYLGERMYLENE)DITHIO)BIS(ETHYLAMINE) see: KR5580000 ETHYLAMINE, 2,2'-((DIISOPENT;1GERMYLENE)DITHIO)BIS-
2,2'-((DIISOPENTYLGERMYLENE)DITHIO)BIS(1-PROPYLAMINE) see: UI0980000 1-PROPYLAMINE, 2,2'-((DIISOPENTYLGERMYLENE)DITHIO)BIS-
2,2-DIISOPENTYL-5-METHYL-1,3,2-THIAZAGERMOLIDINE see: XJ0408000
DIISOPENTYL PHTHALATE see: TI1320000
2,2-DIISOPENTYL-1,3,2-THIAZAGERMOLIDINE see: XJ0407000
DIISOPENTYLTIN OXIDE see: WH7350000
DIISOPHENOL see: SL0750000
DIISOPROPANOLAMINE see: UB6600000
DIISOPROPANOLNITROSAMINE see: JL9650000
N,N'-DIISOPROPIL-FOSFORODIAMMIDO-FLUORURO (Italian) see: TD3675000
2,6-DIISOPROPOXY-N-(1-ETHYL-2-PYRROLIDINYLMETHYL)BENZAMIDE HYDROCHLORIDE see: CV4362000
((DIISOPROPOXYPHOSPHINO'THIOYL)THIO)TRICYCLOHEXYL STANNANE see: WH7400000
DIISOPROPOXYPHOSPHORYL FLUORIDE see: TE5075000
s-DIISOPROPYLACETONE see: MJ5775000
DI(ISOPROPYLAMIDO)PHOSPHORYL FLUORIDE see: TD3675000

IM4025000 DIISOPROPYLAMINE
UPDT:8408 CAS: 108-18-9 MW: 101.22 MOLFM: C6-H15-N
SYN: DIISOPROPYLAMINE (DOT) * DIPA * N-(1-METHYLETHYL)-2-PROPANAMINE * 2-PROPANAMINE, N-(1-METHYLETHYL)- * UN 1158 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 750 ug open SEV — AMIHBC 10,61,54

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — NUCADQ 3,129,82

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:770 mg/kg — AEHLAU 1,343,60
* ihl-rat LC50:4800 mg/m3/2H — B5GMAT -,54,82
* orl-mus LD50:2120 mg/kg — GISAAA 45(3),79,80
* ihl-mus LC50:4200 mg/m3/2H — B5GMAT -,54,82
ihl-cat LCLo:2207 ppm/72M — JIHTAB 31,142,49
* orl-rbt LD50:4700 mg/kg — GISAAA 45(3),79,80
ihl-rbt LCLo:2207 ppm/150M — JIHTAB 31,142,49
* orl-gpg LD50:2800 mg/kg — GISAAA 45(3),79,80
ihl-gpg LCLo:2207 ppm/82M — JIHTAB 31,142,49
scu-gpg LDLo:1400 mg/kg — JIHTAB 31,142,49
* ihl-man LC50:4200 mg/m3 — TPKVAL 14,80,75
* unk-man LD50:600 mg/kg — TPKVAL 14,80,75

REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm (skin) — DTLVS* 4,144,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air-TWA 5 ppm (skin) (SCP-J) — FEREAC 39,23540,74
★ DOT-HAZARD-FLAMMABLE LIQUID; LABEL-FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S141*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIISOPROPYLAMINE DICHLOROACETATE see: AG6475000
DIISOPROPYLAMINE, compd. with DICHLOROACETIC ACID (1:1) see: AG6475000
DIISOPROPYLAMINE DICHLOROETHANOATE see: AG6475000
DIISOPROPYLAMINE (DOT) see: IM4025000

IM4360000 DIISOPROPYLAMINE, N-NITROSO-
UPDT:8401 CAS: 601-77-4 MW: 130.22 MOLFM: C6-H14-N2-O
SYN: DIISOPROPYLNITROSAMIN (German) * N-NITROSODIISOPROPYLAMINE

TUMORIGENIC DATA AND REFERENCES:
3V01L60P60 orl-rat TDLo:14 gm/kg/110W-C — ZEKBAI 69,103,67
3V03D09J60 orl-rat TD :1800 mg/kg/50W-I — JJINDB 62,407,79

TOXICITY DATA AND REFERENCES:
orl-rat LD50:850 mg/kg — ZEKBAI 69,103,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIISOPROPYLAMINE SALICYLATE see: VO2825000
4-DIISOPROPYLAMINO-2,2-DIPHENYLBUTYRAMIDE see: ES4317000
2-DIISOPROPYLAMINOETHANOL see: KK5950000
beta-DIISOPROPYLAMINOETHYL alpha-(2-CYCLOHEXENYL)-alpha-(2-THIENYL)-ACETATE HYDROCHLORIDE see: XM7590000
beta-DIISOPROPYLAMINOETHYL alpha-(2-CYCLOHEXENYL)-alpha-(2-THIENYL)ACETATE METHOBROMIDE see: BP8247200
3-(2-(DIISOPROPYLAMINO)ETHYL)INDOLE see: NL7040000
S-(2-DIISOPROPYLAMINOETHYL) O-ETHYL METHYL PHOSPHONOTHIOLATE see: TB1090000
(2-(DIISOPROPYLAMINO)ETHYL)GUANIDINE HEMISULFATE see: MF0533000 GUANIDINE, (2-(DIISOPROPYLAMINO)ETHYL)-, SULFATE (2:1)
DIISOPROPYLAMINOETHYL 4-METHYLXANTHENE-9-CARBOXYLATE METHYLBROMIDE HYDRATE see: BP8249000
alpha-(2-(DIISOPROPYLAMINO)ETHYL)-alpha-PHENYL-2-PYRIDINEACETAMIDE see: UR8432000
alpha-(2-DIISOPROPYLAMINOETHYL)-alpha-PHENYL-2-PYRIDINEACETAMIDE PHOSPHATE see: UR8440000
2,6-DIISOPROPYLAMINO-4-METHOXYTRIAZINE see: XY4200000
DIISOPROPYLAMMINE-trans-DIHYDROXYMALONATOPLATINUM(IV) see: TP2230500
PLATINUM(IV),BIS(ISOPROPYLAMMINE)-cis-DICHLORO-trans-DIHYDROXY-
DIISOPROPYLAMMONIUM DICHLOROACETATE see: AG6475000
DIISOPROPYLAMMONIUM DICHLOROETHANOATE see: AG6475000
DIISOPROPYL ANILIDOPHOSPHATE see: TB3964300
2,6-DIISOPROPYL ANILINE see: BX4025000
DIISOPROPYLBENZENE see: CZ6330000
DIISOPROPYLBENZENE HYDROPEROXIDE see: MX2445000
DIISOPROPYLBENZENE HYDROPEROXIDE (DOT) see: MX2440000
DIISOPROPYLBENZENE HYDROPEROXIDE (DOT) see: MX2445000
DIISOPROPYLBENZENE HYDROPEROXIDE, more than 72% in solution (DOT) see: MX2446000
DIISOPROPYLBENZENE HYDROPEROXIDE, not more than 72% in solution (DOT) see: MX2440000
DIISOPROPYLBENZENE PEROXIDE see: SD8150000
O,O-DIISOPROPYL S-BENZYL PHOSPHOROTHIOLATE see: TE6550000
O,O-DIISOPROPYL S-BENZYL THIOPHOSPHATE see: TE6550000
N,N'-DIISOPROPYL-DIAMIDO-FOSFORZUUR-FLUORIDE (Dutch) see: TD3675000
N,N'-DIISOPROPYL-DIAMIDO-PHOSPHORSAEURE-FLUORID (German) see: TD3675000
N,N'-DIISOPROPYLDIAMIDOPHOSPHORYL FLUORIDE see: TD3675000
DI-ISOPROPYL 1,3-DITHIOLANE-2-YLIDENEMALONATE see: TY1846000
DIISOPROPYL-1,3-DITHIOL-2-YLIDENEMALONATE see: OO0970000
N-(beta-O,O-DIISOPROPYLDITHIOPHOSPHORYLETHYL)BENZENESULFONAMIDE see: TE0250000
N-(2-(O,O-DIISOPROPYLDITHIOPHOSPHORYL)ETHYL)BENZENESULFONAMIDE see: TE0250000
DIISOPROPYL ETHANOLAMINE see: KK5950000
N,N-DIISOPROPYLETHANOLAMINE see: KK5950000
N,N-DIISOPROPYL ETHANOLAMINE (DOT) see: KK5950000
DIISOPROPYL ETHER see: TZ5425000
DIISOPROPYLETHER (DOT) see: TZ5425000
DIISOPROPYL ETHYL CARBAMATE see: EZ8100000
N,N-DIISOPROPYL ETHYL CARBAMATE see: EZ8100000
DIISOPROPYL FLUOROPHOSPHATE see: TE5075000
O,O-DIISOPROPYL FLUOROPHOSPHATE see: TE5075000
DIISOPROPYL FLUOROPHOSPHONATE see: TE5075000
DIISOPROPYLFLUOROPHOSPHORIC ACID ESTER see: TE5075000
DIISOPROPYL FUMARATE see: LT1575000
alpha,gamma-DIISOPROPYL GLYCEROL ETHER see: UA7373000
DIISOPROPYL HYDROGEN PHOSPHITE see: SZ7660000
DIISOPROPYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE 4-METHYL-XANTHENE-9-CARBOXYLATE HYDRATE see: BP8249000
DIISOPROPYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE XANTHENE-9-CARBOXYLATE see: BP8249200
DIISOPROPYL METHANEPHOSPHONATE see: SZ9090000
DIISOPROPYL METHYLPHOSPHONATE see: SZ9090000
DIISOPROPYLNITROSAMIN (German) see: IM4360000
DIISOPROPYL OXIDE see: TZ5425000
DIISOPROPYL PERDICARBONATE see: SD9800000
DIISOPROPYL PEROXYDICARBONATE see: SD9800000
DIISOPROPYL PEROXYDICARBONATE, maximum concentration 52% in solution (DOT) see: SD9810000
DIISOPROPYL PEROXYDICARBONATE, technical pure (DOT) see: SD9800000
2,6-DIISOPROPYLPHENOL see: SL0810000
2,6-DIISOPROPYLPHENYL ESTER of 1-PIPERIDINEACETIC ACID HYDROCHLORIDE see: TM3545000
3,5-DIISOPROPYLPHENYL METHYLCARBAMATE see: FB9800000
3,5-DIISOPROPYLPHENYL N-METHYLCARBAMATE see: FB9800000
DIISOPROPYL PHOSPHITE see: SZ7660000
DIISOPROPYL PHOSPHOFLUORIDATE see: TE5075000
DIISOPROPYLPHOSPHONATE see: SZ7660000
O,O-DIISOPROPYL PHOSPHONATE see: SZ7660000
N,N'-DIISOPROPYLPHOSPHORODIAMIDIC FLUORIDE see: TD3675000
S-(O,O-DIISOPROPYL PHOSPHORODITHIOATE) ESTER of N-(2-MERCAPTOETHYL)BENZENESULFONAMIDE see: TE0250000
DIISOPROPYL PHOSPHOROFLUORIDATE see: TE5075000
O,O'-DIISOPROPYL PHOSPHORYL FLUORIDE see: TE5075000
DIISOPROPYL PHTHALATE see: TI1350000
2-(m-(alpha,beta-DIISOPROPYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE1662000
DI-ISOPROPYLSULFAT (German) see: WS8050000
DI-ISOPROPYLSULFATE see: WS8050000
DIISOPROPYL TEREPHTHALATE see: WZ1223700
DIISOPROPYLTHIOCARBAMIC ACID, S-(2,3-DICHLOROALLYL) ESTER see: EZ8225000
N-DIISOPROPYLTHIOCARBAMIC ACID S-2,3,3-TRICHLORO-2-PROPENYL ESTER see: EZ8575000
DI-ISOPROPYLTHIOLOCARBAMATE DE S-(2,3-DICHLORO ALLYLE) (French) see: EZ8225000
O,O-DIISOPROPYLTHIOLPHOSPHORIC ACID see: TF6572000
DIISOPROPYLTIN DICHLORIDE see: WH7240000
DIISOPROPYLTIN OXIDE see: WH7525000
N,N-DIISOPROPYL-2,3,3-TRICHLORALLYL-THIOLCARBAMAT (German) see: EZ8575000
O,O-DIISOPROPYL S-TRICYCLOHEXYLTIN PHOSPHORODITHIOATE see: WH7400000
DIJOD-alpha-AETHYL-m-AMINOZIMTSAEURE (German) see: GD8070000
N-(DIJOD-m-AMINOPHENYL)SUCCINAMIDSAEURE (German) see: WM4200000
DIJODAN see: UB1950000
alpha-(DIJOD-m-(n) BUTYRYLAMINO-PHENOXY)-BUTTERSAEURE (German) see: ES8134000
3,5-DIJOD-4-HYDROXY-BENZONITRIL (German) see: DI4025000
3,5-DIJOD-4-PYRIDON-N-ESSIGSAEURE METHYLGLUKAMIN (German) see: UR8740000
3,5-DIJOD-4-PYRIDOXYL-N-ESSIGSAEURE NATRIUM (German) see: UR8720000
3,5-DIJOD-4-PYRIDOXYL-N-METHYL-2,6-DICARBONSAEURE NATRIUM (German) see: US7970300
DIKAIN see: DG4725000
DIKAIN HYDROCHLORIDE see: DG4900000
DIKARIL see: AT6978000
DIKEGULAC (German) see: MQ3570000
DIKEGULAC SODIUM see: MQ3570000
DIKETENE see: RQ8225000
DIKETENE, inhibited (DOT) see: RQ8225000
2,3-DIKETOBUTANE see: EK2625000
2,5-DIKETOHEXANE see: MO3150000
2,3-DIKETOINDOLINE see: NI7873000
DIKETONE ALCOHOL see: SA9100000
3,20-DIKETO-11-beta,18-OXIDO-4-PREGNENE-18,21-DIOL see: TU5023000
2,5-DIKETOPYRROLIDINE see: WN2200000
2,5-DIKETOTETRAHYDROFURAN see: WN0875000
DIKOL see: MW5150000
DIKONIRT see: AG8925000
DIKONIRT D see: AG8925000
DIKONIT see: XZ1900000
DIKOTEKS see: AG2625000
DIKOTES see: AG1575000
DIKOTEX see: AG2625000
DIKOTEX see: AG1575000
DIKOTEX 30 see: AG2625000
DI-KU-SHUANG see: XI4100000
DILABID see: MU1050000
DILABIL SODIUM see: FZ2500000
DILABRON HYDROCHLORIDE see: DO2320000
DILACORAN see: YV8300000
DILACTONE ACTINOMYCIN D ACID see: AU1575000
DILACTONE ACTINOMYCINDIOIC D ACID see: AU1575000
DILAFURANE see: OB1835000
DILAN see: TX3695000
DI-LAN see: MU1050000
DILANGIL see: OP3000000
DILANGIO see: UK9450000
DILANTIN see: MU1050000
DILANTIN see: MU1400000
DILANTIN DB see: CZ4500000
DILANTINE see: MU1050000
DILANTIN SODIUM see: MU1400000
DILATAN see: OO8200000
DILATIN DB see: CZ4500000
DILATAN KORE see: AJ1460000
DILAUDID see: QD2625000
DILAUDID HYDROCHLORIDE see: QD2625000
DILAUROYL PEROXIDE see: OF2625000
DILAUROYL PEROXIDE (DOT) see: OF2625500
DILAUROYL PEROXIDE, technical pure (DOT) see: OF2625000
DILAURYL PEROXIDE see: OF2625000
DILAURYLESTER KYSELINY beta',beta'-THIODIPROPIONOVE (Czech) see: UF8000000
DILAURYL PHTHALATE see: TI0930000 PHTHALIC ACID, DIDODECYL ESTER
DILAURYL beta-THIODIPROPIONATE see: UF8000000
DILAURYL beta',beta'-THIODIPROPIONATE see: UF8000000
DILAURYL 3,3'-THIODIPROPIONATE see: UF8000000

BEST COPY AVAILABLE

DILA-VASAL see: OB1835000
DILAVASE see: DO8050000
DILAVASE see: DO8225000
DILAZEP DIHYDROCHLORIDE see: DH0250000
DILCIT see: NM7535400
DI-LEN see: MU1400000
DILENE see: KI0700000
DILEXPAL see: NM7535400
DILIC see: CH7525000
DILITHIUM CARBONATE see: OJ5800000
DILITHIUM CHROMATE see: GB2915000
DILLANTIN see: MU1050000

IN5426000 DILLENIA AUREA Smith, extract excluding roots
DEF:Indian plant belonging to the family DILLENIACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

IN5430000 DILLENIA INDICA, flower extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1K12 ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

IN5440000 DILLENIA INDICA Linn., leaf extract
DEF:Indian plant belonging to the family DILLENIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: CHALTA LEAF EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:800 mg/kg IJEBA6 7,250,69

IN5443000 DILLENIA PENTAGYNA Roxb., extract excluding roots
DEF:Indian plant belonging to the family DILLENIACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: AGAI EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

DILL FRUIT OIL see: IN5500000
DILL HERB OIL see: IN5500000
DILL OIL see: IN5500000
DILL SEED OIL see: IN5500000
DILL SEED OIL, INDIAN see: IN5500000

IN5500000 DILL WEED OIL
UPDT:8305 CAS: 8006-75-5
SYN: DILL FRUIT OIL * DILL HERB OIL * DILL OIL * DILL SEED OIL * DILL SEED OIL, INDIAN
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),673,82
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate JOPHDQ 3,236,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4040 mg/kg FCTXAV 14,747,76
STATUS:
REPORTED IN EPA TSCA INVENTORY 1983

DILOR see: PB9520100
DILOR see: XH5100000
DILOSPAN S see: SY1050000
DILOSYN see: SP2975000
DILOSYN see: SP3150000
DILOXOL see: TZ1225000
DILTIAZEM HYDROCHLORIDE see: DL0310000
DILURAN see: AC8225000
DILYN see: TY8400000
DILZEM see: DL0310000 1,5-BENZOTHIAZEPIN-4(5H)-ONE, 2,3-DIHYDRO-3-(ACETYLOXY)-5-[2-(DIMETHYLAMINO)ETHYL]-2-(4- METHOXYPHENYL) , MONOHYDROCHLORIDE, cis-(+)-
DIMACOR see: UA5425000
1,3-DIMALEIMIDOBENZENE see: ON6125000
DIMALONE see: RB8925000
DIMANGANESE TRIOXIDE see: OP0915000
DIMANIN A see: BO3150000
DIMANIN C see: XZ1900000
DIMAPP see: SO6825000
DIMATIF see: SZ5990100
DIMAPYRIN see: CD2625000
DIMAS see: WM9625000
DIMATE 267 see: TE1750000
DIMAZ see: TD9275000
DIMAZINE see: MV2450000
DIMAZOLE HYDROCHLORIDE see: DL3580000
DIMAZON see: AB4230000
DIMECRON see: TC2800000
DIMECROTIC ACID MAGNESIUM SALT see: GD9001000
DIMEDROL see: KR6825000
DIMEDRYL see: KR6825000
DIMEFLINE see: LK8400000
DIMEFOX see: TD4025000
DIMEFURON see: XS4000000
DIMEGLUMINE [illegible]ARMATE see: LZ4365000
DIMELIN see: YR7350000
DIMELONE see: RB8925000
DIMELOR see: YR7350000
DIMEMORFAN PHOSPHATE see: QC7696000
DIMENFORMON see: KG2975000
DIMENFORMON BENZOATE see: KG4050000
DIMENFORMON DIPROPIONATE see: KG4725000
DIMENFORMONE see: KG4050000
DIMENFORMON PROLONGATUM see: KG2975000
DIMENHYDRINATE see: XH5082000
DIMENOXADOL HYDROCHLORIDE see: AH2790000
DIMEPHENTHIOATE see: AI7875000
DIMEPHENTHOATE see: AI7875000
DIMERAY see: LZ4365000
DIMERCAPROL see: UB2625000
DIMERCAPROL PROPANOL see: UB2625000
DL-threo-1,4-DIMERCAPTO-2,3-BUTANEDIOL see: XO8576500
DIMERCAPTOL see: UB2625000
2,3-DIMERCAPTOL-1-PROPANOL see: UB2625000
(-)-2,3-DIMERCAPTO-1-PROPANESULFONATE SODIUM SALT see: TZ6420050
(+)-2,3-DIMERCAPTO-1-PROPANESULFONATE SODIUM SALT see: TZ6420100
d-2,3-DIMERCAPTO-1-PROPANESULFONIC ACID SODIUM SALT see: TZ6420100
l-2,3-DIMERCAPTO-1-PROPANESULFONIC ACID SODIUM SALT see: TZ6420050
2,3-DIMERCAPTOPROPANOL see: UB2625000
2,3-DIMERCAPTOPROPAN-1-OL see: UB2625000
DIMERCAPTOSUCCINIC ACID see: WM7640000
alpha,beta-DIMERCAPTOSUCCINIC ACID see: WM7640000
DL-DIMERCAPTOSUCCINIC ACID see: WM7645000
DL-2,3-DIMERCAPTOSUCCINIC ACID see: WM7645000
meso-DIMERCAPTOSUCCINIC ACID see: WM7650000
meso-2,3-DIMERCAPTOSUCCINIC ACID see: WM7650000
2,3-DIMERCAPTOSUCCINIC ACID see: WM7640000
2,5-DIMERCAPTOTHIADIAZOLE see: XI3850000
2,5-DIMERCAPTO-1,3,4-THIADIAZOLE see: XI3850000
DIMERCUROUS METHANE ARSONATE see: PA2000000
DIMER CYKLOPENTADIENU (Czech) see: PC1050000

IN9170000 DIMERIA GRACILIS Nees, extract
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: LONIYARA EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:25 mg/kg IJEBA6 12,512,74

DIMERIC HELENALIN see: MH5612600
DIMERIN see: TM7350000

IN9205000 DIMERIZED PHENYL PROPARGYL ETHER/5% PALLADIUM on ALUMINA (4:1)
UPDT:8302
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** LA-7738-MS

DIMER X see: LZ4365000
DIMESTROL see: WJ5400000
DIMESYLMANNITOL see: OP2275000
1,6-DIMESYL-D-MANNITOL see: OP2975000
DIMET see: PA2275000
DIMETACRINE see: AR6973200
DIMETACRINE BITARTRATE see: AR9275000
DIMETACRINE TARTRATE see: AR9275000
DIMETACRIN HYDROGENTARTRATE see: AR9275000
DIMETAN see: FA1500000
dl-DIMETANE MALEATE see: US4026000
DIMFATE see: TE1750000
DIMETAZINA see: WO9030000
DIMETHACHLON see: WN2500000
DIMETHACIN see: AR6973200
DIMETHACINE see: AR6973200
DIMETHACRINE TARTRATE see: AR9275000
beta,beta-DIMETHACRYLIC ACID see: GQ5425000
DIMETHADIONE see: RP9100000
DIMETHAEN see: KK6650000
DIMETHAMETRYN see: XY7500000
2,5-DIMETHANESULFOMYLOXYHEXANE see: MO2400000
1,6-DIMETHANESULFONATE-D-MANNITOL see: OP2975000
1,4-DIMETHANESULFONOXYBUTANE see: EK1750000

I00350000 cis-1,4-DIMETHANE SULFONOXY-2-BUTENE
UPDT:8401 CAS: 2303-47-1 MW: 244.30 MOLFM: C6-H12-O6-S2
MUTATION DATA AND REFERENCES:
sln-dmg-par 10 mmol/L JOGNAU 54,146,56
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:480 mg/kg/10W-I CNREAB 17,64,57
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

I00525000 trans-1,4-DIMETHANE SULFONOXY-2-BUTENE
UPDT:8401 CAS: 1953-56-6 MW: 244.30 MOLFM: C6-H12-O6-S2
MUTATION DATA AND REFERENCES:
sln-dmg-par 10 mmol/L JOGNAU 54,146,56
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:480 mg/kg/10W-I CNREAB 17,64,57
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

I00700000 1,4-DIMETHANESULFONOXY-2-BUTYNE
UPDT:8401 CAS: 2917-98-6 MW: 242.28 MOLFM: C6-H10-O6-S2
SYN: CB2058
MUTATION DATA AND REFERENCES:
sln-dmg-par 10 mmol/L JOGNAU 54,146,56
sln-dmg-unk 10 mmol/L ANYAA9 160,228,69
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:320 mg/kg/5W-I CNREAB 17,64,57
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,4-DIMETHANESULFONOXY-1,4-DIMETHYLBUTANE see: MO2400000
1,4-DIMETHANESULFONOXYLBUTANE see: EK1750000
1,6-DIMETHANE-SULFONOXY-D-MANNITOL see: OP2975000
1:3-DIMETHANESULFONOXYPROPANE see: TY5400000
1,4-DIMETHANESULFONYLOXYBUTANE see: EK1750000
1,6-DIMETHANESULPHONOXY-1,6-DIDEOXY-D-MANNITOL see: OP2975000
1,3-DIMETHANESULPHONOXYPROPANE see: TY5400000
1,4-DIMETHANESULPHONYLOXYBUTANE see: EK1750000

I01450000 5,9:7,10a-DIMETHANO-10aH-(1,3)DIOXOCINO(6,5-d)PYRIMIDINE-4,7,10,11,12-PENTOL, OCTAHYDRO- 12-(HYDROXYMETHYL)-2-IMINO-
UPDT:8412 CAS: 4368-28-9 MW: 319.31 MOLFM: C11-H17-N3-O8
SYN: FUGU POISON * MACULOTOXIN * SPHEROIDINE * TARICHATOXIN * TETRODONTOXIN * TETRODOTOXIN * TETRODOXIN * TTX
TOXICITY DATA AND REFERENCES:
unk-rat LDLo:15 ug/kg SCIEAS 144,1100,64
3F12J22J25 orl-mus LD50:435 ug/kg JJPAAZ 17,267,67
ipr-mus LD50:8 ug/kg SCIEAS 144,1100,64
scu-mus LD50:8 ug/kg CTOXAO 4,331,71
3F12F17J22 ivn-mus LD50:9 ug/kg JJPAAZ 17,267,67
* unk-mus LD50:10 ug/kg CTOXAO 18,813,81
unk-frg LDLo:15 ug/kg SCIEAS 144,1100,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, TRBMAV 33(1),183,75

I01575000 1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-6,7-EPOXY-1,4,4a,5,6,7,8,8a- OCTAHYDRO-, endo,endo-
UPDT:8412 CAS: 72-20-8 MW: 380.90 MOLFM: C12-H8-Cl6-O
SYN: COMPOUND 269 * ENDREX * ENDRIN * ENDRIN (DOT) * ENDRINE (French) * ENT 17,251 * EXPERIMENTAL INSECTICIDE 269 * HEXACHLOROEPOXYOCTAHYDRO-endo,endo-DIMETHANONAPHTHALENE * 3,4,5,6,9,9-HEXACHLORO-1a,2,2a,3,6,6a,7,7a-OCTAHYDRO-2,7:3,6-DIMETHANONAPHTH[2,3-b]OXIRENE * HEXADRIN * MENDRIN * NA 2761 (DOT) * NCI-C00157 * NENDRIN * RCRA WASTE NUMBER P051
MUTATION DATA AND REFERENCES:
sce-ats-mul 54 pmol/L MUREAV 118,61,83
cyt-rat-par 1 mg/kg BECTA6 9,65,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T24T26T46 orl-rat TDLo:2320 ug/kg (4D pre) OYYAA2 6,673,72

BEST COPY AVAIL

1T01 itt-rat TDLo:10 mg/kg (10D male) APTOA6 31,1,72
1T81 orl-mus TDLo:10 mg/kg (8-12D preg) JTEHD6 10,541,82
1T42 orl-mus TDLo:2500 ug/kg (9D preg) TJADAB 9,11,74
2T24T26 orl-mus TDLo:2320 ug/kg (4D pre) OYYAA2 6,673,72
2T34T46 orl-mus TDLo:11 mg/kg (7-17D preg) TXCYAC 21,141,81
1T53 orl-mus TDLo:16500 ug/kg (7-17D preg) TXCYAC 21,141,81
1T85 orl-ham TDLo:15 mg/kg (5-14D preg) TXCYAC 21,187,81
3T25T34T35 orl-ham TDLo:5 mg/kg (8D preg) TJADAB 9,11,74
3T42T43T46 orl-ham TDLo:5 mg/kg (8D preg) TJADAB 9,11,74
1T76 orl-ham TDLo:7500 ug/kg (5-14D preg) TXAPA9 48,A200,79
2T41T46 orl-ham TDLo:5 mg/kg (8D preg) TXAPA9 48,A201,79

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3 mg/kg WRPCA2 9,119,70
skn-rat LD50:12 mg/kg SPEADM 74-1,-,74
unk-rat LD50:17 mg/kg 30ZDA9 -,64,71
orl-mus LD50:1370 ug/kg TXAPA9 25,42,73
ivn-mus LD50:2300 ug/kg TXAPA9 23,408,72
orl-mky LD50:3 mg/kg PCOC** -,475,66
orl-cat LDLo:5 mg/kg JAFCAU 3,842,55
orl-rbt LD50:7 mg/kg JAFCAU 3,842,55
skn-rbt LD50:60 mg/kg SPEADM 74-1,-,74
orl-gpg LD50:16 mg/kg PCOC** -,475,66
orl-ham LD50:10 mg/kg TJADAB 9,11,74
orl-pgn LD50:5600 ug/kg TXAPA9 21,315,72
ivn-pgn LD50:1500 ug/kg TXAPA9 9,75,66
orl-dck LD50:5330 ug/kg TXAPA9 22,556,72
orl-bwd LD50:2 mg/kg TXAPA9 21,315,72
orl-brd LD50:1800 ug/kg TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ENVRAL 7(2),243,74; BECTA6 15(3),283,76; CNDQA8 10(3),43,75; RREVAH 56,107,75; BNYMAM 54,413,78; CTOXAO 13,231,78; 26UZAB 6,149,68/70

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 5,157,74
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 5,157,74
★ TLV-TWA 100 ug/m3; STEL 300 ug/m3 (skin) DTLVS* 4,166,80

STANDARDS & REGULATIONS:
★ EPA:FARM WORKER FIELD REENTRY FEREAC 39,16888,74
★ OSHA STANDARD-air:TWA 100 ug/m3 (skin) (SCP-T) FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid CFRGBR 49,172.101,82

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-12,79)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 S284
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

I01750000 1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-6,7-EPOXY-1,4,4a,5,6,7,8,8a- OCTAHYDRO, endo,exo-
UPDT:8412 CAS: 60-57-1 MW: 380.90 MOLFM: C12-H8-Cl6-O
SYN: ALVIT * COMPOUND 497 * DIELDREX * DIELDRIN * DIELDRIN (DOT) * DIELDRINE (French) * DIELDRITE * ENT 16,225 * HEOD * HEXACHLOROEPOXYOCTAHYDRO-endo,exo-DIMETHANONAPHTHALENE * 3,4,5,6,9,9-HEXACHLORO-1a,2,2a,3,6,6a,7,7a-OCTAHYDRO-2,7,3,6-DIMETHANONAPHTH(2,3-b)OXIRENE * ILLOXOL * INSECTICIDE No. 497 * NA 2761 (DOT) * NCI-C00124 * OCTALOX * PANORAM D-31 * QUINTOX * RCRA WASTE NUMBER P037

MUTATION DATA AND REFERENCES:
mma-sat 1 mg/L JOHEAB 68,184,77
mma-sat 1 mg/L JOHEAB 68,184,77
mma-hmn:fbr 1 umol/L MUREAV 42,161,77
dns-hmn:fbr 1 umol/L MUREAV 42,161,77
dni-hmn:hla 400 umol/L MUREAV 92,427,82
otr-rat-orl 5 mg/kg CNREA8 40,1157,80
dni-mus-orl 50 mg/kg MUREAV 46,305,77
cyt-mus-ipr 1200 ug/kg SOGEBZ 2,80,66
msc-ham:lng 10 umol/L CBINA8 19,369,77
cyt-dck:lym 100 ppm 34LXAP -,555,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-rat TDLo:14 ug/kg (MGN) PCBPBS 13,20,80
2T41T42 orl-mus TDLo:30600 ug/kg (6-14D preg) THERAP 25,907,70
1T43 orl-mus TDLo:15 mg/kg (9D preg) TJADAB 9,11,74
1T34 orl-mus TDLo:2250 ug/kg (6-14D preg) TJADAB 16,57,77
1T24 orl-mus TDLo:12500 ug/kg (1D male) FCTXAV 13,317,75
1T46 orl-mus TDLo:4500 ug/kg (6-14D preg) TJADAB 16,57,77
1T09 orl-mus TDLo:6250 ug/kg (5D male) ENVRAL 9,26,75
1T72 orl-dog TDLo:219 mg/kg (44W pre/1-8W preg) JAVMA4 123,28,53
3T25T34T35 orl-ham TDLo:30 mg/kg (8D preg) TJADAB 9,11,74
3T42T45T43 orl-ham TDLo:30 mg/kg (8D preg) TJADAB 9,11,74
1T01 orl-mam TDLo:21 mg/kg (30W male) DABBBA 35,1129,74

TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 orl-rat TDLo:200 mg/kg/2Y-C FCTXAV 2,551,64
2V01L60 orl-mus TDLo:546 mg/kg/65W-C ARTODN (Suppl 2),197,79
3V02J60L60 orl-mus TD :11 gm/kg/3Y-C FCTXAV 11,415,73
3V02J60L60 orl-mus TD :610 mg/kg/73W-C FCTXAV 11,433,73
2V01L60 orl-mus TD :714 mg/kg/85W-C LAINAW 44,392,81
2V03L60 orl-mus TD :8 mg/kg/2Y-C CRNGDP 3,941,82
3V01J60L60 orl-mus TD :4550 mg/kg/65W-C CNREA8 41,3615,81

TOXICITY DATA AND REFERENCES:
unk-hmn LDLo:28 mg/kg ATXKAB 22,115,66
orl-rat LD50:38300 ug/kg JAFCAU 3,402,55
ihl-rat LC50:43 mg/m3/4H GTPZAB 8(4),30,64
skn-rat LD50:10 mg/kg FMCHA2 -,C79,83
ipr-rat LD50:56 mg/kg BJIMAG 21,269,64
ivn-rat LD50:9 mg/kg BJIMAG 21,269,64
orl-mus LD50:38 mg/kg SPEADM 74-1,-,74
ipr-mus LDLo:26 mg/kg TXAPA9 23,288,72
ivn-mus LD50:10.5 mg/kg TXAPA9 23,408,72
orl-dog LD50:65 mg/kg GUCHAZ 6,198,73
unk-dog LDLo:65 mg/kg AMIHBC 3,64,51
orl-mky LD50:3 mg/kg 32ZDAL -,79,70
ihl-cat LC50:80 mg/m3/4H GTPZAB 8(4),30,64
orl-rbt LD50:45 mg/kg PCOC** -,377,66
skn-rbt LD50:250 mg/kg SPEADM 74-1,-,74
orl-pig LD50:38 mg/kg EJTXAZ 7,159,74
orl-gpg LD50:49 mg/kg PCOC** -,377,66
orl-ham LD50:60 mg/kg TJADAB 9,11,74
orl-pgn LD50:27 mg/kg TXAPA9 20,57,71
ivn-pgn LD50:1200 mg/kg 32ZDAL -,79,70
orl-ckn LD50:20 mg/kg JEENAI 44,1013,51
3F05F07F33 orl-qal LD50:10780 ug/kg ETOCDK 1,157,82
orl-dck LD50:381 mg/kg TXAPA9 20,57,71
unk-mam LD50:25 mg/kg 30ZDA9 -,63,71
orl-bwd LD50:23 mg/kg TXAPA9 20,57,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ENVRAL 7(2),243,74; JSIRAC 34,462,75; DTTIAF 80(20),485,73; RREVAH 56,107,75; ECMAAI 14(3),141,73; BNYMAM 54,413,78; 85CVA2 5,250,70; 26UZAB 6,149,68/70; CTOXAO 13,231,78; EESADV 1,89,77; TXAPA9 10,613,67

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 5,125,74
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 5,125,74
★ TLV-TWA 250 ug/m3; STEL 750 ug/m3 (skin) DTLVS* 4,139,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 250 ug/m3 (skin) (SCP-T) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE (NCITR* NCI-CG-TR-21,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-21,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-22,78)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S283
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

I01925000 1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-, endo, endo-
UPDT:8406 CAS: 465-73-6 MW: 364.90 MOLFM: C12-H8-Cl6
SYN: COMPOUND 711 * ENT 19,244 * EXPERIMENTAL INSECTICIDE 711 * 1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-1,4:5,8-endo,endo-DIMETHANONAPHTHALENE * 1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-1,4-endo,endo-5,8-DIMETHANONAPHTHALENE * ISODRIN * RCRA WASTE NUMBER P060

TOXICITY DATA AND REFERENCES:
orl-rat LD50:7 mg/kg WRPCA2 9,119,70
skn-rat LD50:23 mg/kg WRPCA2 9,119,70
orl-mus LD50:8800 ug/kg GTPZAB 8(4),30,64
ipr-mus LDLo:6400 ug/kg TXAPA9 23,288,72
unk-mam LD50:7 mg/kg 30ZDA9 -,63,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DIMETHOXY-10,11 CARBOMETHOXY-16 HETERO YOHIMBANE-3-alpha,15-alpha,19-alpha,20-beta (French) see RP5776500

I02100000 1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-, endo,exo-
UPDT:8412 CAS: 309-00-2 MW: 364.90 MOLFM: C12-H8-Cl6
SYN: ALDREX * ALDREX 30 * ALDRIN * ALDRIN (DOT) * ALDRIN cast solid (DOT) * ALDRINE (French) * ALDRIN mixture, dry (DOT) * ALDRIN mixture, liquid (DOT) * ALDRITE * ALDROSOL * ALTOX * COMPOUND 118 * DRINOX * ENT 15,949 * HEXACHLOROHEXAHYDRO endo,exo-DIMETHANONAPHTHALENE * 1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-1,4:5,8-DIMETHANONAPHTHALENE * 1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-exo-1,4-endo,5,8-DIMETHANONAPHTHALENE * 1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-1,4-endo,exo-5,8-DIMETHANONAPHTHALENE * HHDN * NA 2761 (DOT) * NA 2762 (DOT) * NCI-C00044 * OCTALENE * RCRA WASTE NUMBER P004 * SEEDRIN

MUTATION DATA AND REFERENCES:
mma-smc 5 ppm RSTUDV 6,161,76
mma-hmn:fbr 1 umol/L MUREAV 42,161,77
dns-hmn:fbr 1 umol/L MUREAV 42,161,77
cyt-hmn:lym 1900 mg/L MUREAV 31,103,75
cyt-hmn:leu 19125 ug/L PHTHDT 6,147,79
dnd-rat:lvr 300 umol/L SinJF# 26OCT82
cyt-rat-ipr 9560 ug/kg PHTHDT 6,147,79
cyt-mus-ipr 9560 ug/kg PHTHDT 6,147,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-rat TDLo:10 mg/kg (2D pre) ENVRAL 16,131,78
2T42T46 orl-mus TDLo:25 mg/kg (9D preg) TJADAB 9,11,74
1T72 orl-dog TDLo:73 mg/kg (44W pre/1-8W preg) JAVMA4 123,28,53
3T25T34T35 orl-ham TDLo:50 mg/kg (7D preg) TJADAB 9,11,74
3T42T46T43 orl-ham TDLo:50 mg/kg (7D preg) TJADAB 9,11,74

TUMORIGENIC DATA AND REFERENCES:
3V02J60R60 orl-rat TDLo:200 mg/kg/2Y-C FCTXAV 2,551,64
2V01L60 orl-mus TDLo:270 mg/kg/80W-I NCITR* NCI-CG-TR-21,78
2V01L60 orl-mus TD :540 mg/kg/80W-I NCITR* NCI-CG-TR-21,78
3V03L50J30 orl-rat TD :188 mg/kg/2Y-C TXAPA9 11,88,67

TOXICITY DATA AND REFERENCES:
3F11F13K13 orl-hmn TDLo:14 mg/kg 34ZIAG -,82,69
orl-chd LDLo:1250 ug/kg 34ZIAG -,83,69
orl-rat LD50:39 mg/kg SPEADM 74-1,-,74
skn-rat LD50:98 mg/kg TXAPA9 14,515,69
ipr-rat LD50:150 mg/kg TXAPA9 11,302,67
orl-mus LD50:44 mg/kg SPEADM 74-1,-,74
ipr-mus LD50:50 mg/kg SCGEBZ 2,80,66
ivn-mus LD50:21 mg/kg 32ZDAL -,52,70
orl-dog LD50:65 mg/kg PCOC** -,7,66
unk-dog LDLo:95 mg/kg AMIHBC 3,64,51
orl-cat LD50:10 mg/kg AVPCAQ 12,31,75
orl-rbt LD50:50 mg/kg PCOC** -,7,66
skn-rbt LDLo:15 mg/kg JEENAI 46,702,53
orl-gpg LD50:33 mg/kg PCOC** -,7,66
orl-ham LD50:100 mg/kg TJADAB 9,11,74
orl-ckn LD50:10 mg/kg JEENAI 45,121,52
orl-dck LD50:520 mg/kg DOEAAH 35,25,79
unk-mam LD50:40 mg/kg 30ZDA9 -,62,71
orl-bwd LD50:7 mg/kg TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ENVRAL 7(2),243,74; RREVAH 48,141,73; RREVAH 56,107,75; DTTIAF 80(20),485,73; BNYMAM 54,413,78; 85CVA2 5,250,70; CTOXAO 13,231,78; EESADV 1,89,77; TXAPA9 10,613,67; NTIS** PB82-219007; 26UZAB 6,149,68/70

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 5,25,74
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 5,25,74
★ TLV-TWA 250 ug/m3; STEL 750 ug/m3 (skin) DTLVS* 4,10,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 250 ug/m3 (skin) (SCP-S) FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ DOT-HAZARD:ORM-A; LABEL:NONE, solid CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, dry CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ALDRIN recm std-air:TWA 150 ug/m3; avoid skin contact

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-21,78)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE: RAT (NCITR* NCI-CG-TR-21,78)
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5502
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

102275000 1,4:5,8-DIMETHANOPHTHALAZINE, 5,6,7,8,9,9a-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-, 2-OXIDE
UPDT:8309 CAS: 14458-95-8 MW: 382.88 MOLFM: C10-H6-Cl6-N2-O
SYN: ENT 25382 * 5,6,7,8,9,9-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-1,4:5,8-DIMETHANOPHTHALAZINE 2-OXIDE * SD 3450 * SHELL SD-3450

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3 mg/kg TXAPA9 21,315,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIMETHENTHOATE see: AI7875000
DIMETHESTERONE see: BV8510000
DIMETHICONE 350 see: TQ2690000
DIMETHINDENE MALEATE see: UT0830000
DIMETHINDEN MALEATE see: UT0830000
DIMETHIODAL SODIUM see: PB1960000 METHANESULFONIC ACID, DIIODO-, SODIUM SALT
DIMETHIODIDE of N-METHYLURETHANE of 2,4-TETRAMETHYLDIAMINOPHENOL see: BR2159500
DIMETHIODIDE of N-METHYLURETHANE of 2,5-TETRAMETHYLDIAMINOPHENOL see: BR2149500
DIMETHIRIMOL see: UW6025000
DIMETHISOQUIN HYDROCHLORIDE see: NW6950000
DIMETHISTERON see: BV8510000
DIMETHISTERONE see: BV8510000
DIMETHISTERONE and ETHINYL ESTRADIOL see: BV8515250
DIMETHOAAT (Dutch) see: TE1750000
DIMETHOAT (German) see: TE1750000
DIMETHOATE see: TE1750000
DIMETHOATE-267 see: TE1750000
DIMETHOATE O-ANALOG see: TF8050000
DIMETHOATE-DDT see: KJ3332000
DIMETHOATE-ETHYL see: TE0960000
DIMETHOATE OXYGEN ANALOG see: TF8050000
DIMETHOATE PO ISOLOGUE see: TF8050000
DIMETHOAT TECHNISCH 95% see: TE1750000
DIMETHOCAINE see: UB1575000
DIMETHOCAINE HYDROCHLORIDE see: UB1580000
DIMETHOGEN see: TE1750000
DIMETHONE see: PB1300000
DIMETHOXANE see: AH1350000
DIMETHOXON see: TF8050000
1,2-DIMETHOXY-4-ALLYLBENZENE see: CY2450000
3,4'-DIMETHOXY-4-AMINOAZOBENZENE see: BZ6650000
2,6-DIMETHOXY-4-(p-AMINOBENZENESULFONAMIDO)PYRIMIDINE see: WO9030000
2,5-DIMETHOXY-4'-AMINOSTILBENE(trans) see: WJ3833000
2,4-DIMETHOXYANILINE HYDROCHLORIDE see: BX4575000
2,3-DIMETHOXYANILINE [illegible]ARD see: BW8400000
2-(3,4-DIMETHOXYANIL[illegible]METHYLPERIMIDINE see: SD4433000
1,2-DIMETHOXYAPORP CE0340000
(R)-1,2-DIMETHOXYAPO[illegible] see: CE0350000
1-5, 6-DIMETHOXYAPOR[illegible] see: CE0350000
3,4-DIMETHOXYBENZALDEHYDE see: YX5088000
7,12-DIMETHOXYBENZ(a)ANTHRACENE see: CW2275000
2,4-DIMETHOXYBENZENAMINE HYDROCHLORIDE see: BX4575000
m-DIMETHOXYBENZENE see: CZ6474000
o-DIMETHOXYBENZENE see: CZ6475000
p-DIMETHOXYBENZENE see: CZ6650000
1,2-DIMETHOXYBENZENE see: CZ6475000
1,3-DIMETHOXYBENZENE see: CZ6474000
2,5-DIMETHOXYBENZENEAZO-beta-NAPHTHOL see: QL3675000
3,4-DIMETHOXYBENZENECARBONAL see: YX5088000
3,3'-DIMETHOXYBENZIDIN (Czech) see: DD0875000
3,3'-DIMETHOXYBENZIDINE see: DD0875000
3,3'-DIMETHOXYBENZIDINE DIHYDROCHLORIDE see: DD1050000
3,3'-DIMETHOXYBENZIDINE-4,4'-DIISOCYANATE see: NQ8800000
4,7-DIMETHOXY-2-BENZOFURANYL METHYL KETONE see: OB1837400
6,7-DIMETHOXY-2-BENZOFURANYL METHYL KETONE see: OB1837600
3,5-DIMETHOXYBENZOIC ACID alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER see: DG8670000
5,8-DIMETHOXY-2H-1-BENZOPYRAN-3-YL METHYL KETONE see: OB1838500
7,8-DIMETHOXY-2H-1-BENZOPYRAN-3-YL METHYL KETONE see: OB1838700
3,4-DIMETHOXYBENZYLAMINE see: YX7355000
3,4-DIMETHOXYBENZYL CHLORIDE see: XS9060000
3,4-DIMETHOXYBENZYL CYANIDE see: AI9325000
3,4-DIMETHOXYBENZYL METHYL KETONE see: UC1795500
N-(3,4-DIMETHOXYBENZYL)-alpha-METHYL-beta-PHENYLPHENETHYLAMINE HYDROCHLORIDE see: SG2350000
1-(3,4-DIMETHOXYBENZYL)-1-(2-(3-METHYLPYRAZINYL))PIPERAZINE see: TL4900000
3,3'-DIMETHOXY-4,4'-BIPHENYLENE DIISOCYANATE see: NQ8800000
1,2-DIMETHOXY-4-(BIS-DIETHYLAMINOETHYL)-AMINO-5-BROMOBENZENE see: IE1320000
1,3-DIMETHOXYBUTANE see: EJ9275000
N-(3,4-DIMETHOXYCINNAMOYL)ANTHRANILIC ACID see: DG8731000
N-(3',4'-DIMETHOXYCINNAMOYL)ANTHRANILIC ACID see: DG8731000
6,7-DIMETHOXYCOUMARIN see: GN6550000
3,4-DIMETHOXY-DBA see: HN4025000
DIMETHOXY-DDT see: KJ3675000
1,1-DIMETHOXYDECANE see: HD6200000
10,10-DIMETHOXYDECANE see: HD6200000
3,4-DIMETHOXY-1,2:5,6-DIBENZANTHRACENE see: HN4025000
5,6-DIMETHOXYDIBENZ(a,h)ANTHRACENE see: HN4025000
4,4'-DIMETHOXY-alpha,beta-DIETHYLSTILBENE see: WJ5400000
8,9-DIMETHOXY-3,4-DIHYDRO(1,2,4)TRIAZOLO(3,4-a)ISOQUINOLINE see: XZ5478470
5,6-DIMETHOXY-1-(2,3-DIMETHOXYBENZYL)-3,4-DIHYDROISOQUINOLINE HYDROCHLORIDE see: NW7628100
6,7-DIMETHOXY-1-(2,3-DIMETHOXYBENZYL)-3,4-DIHYDROISOQUINOLINE HYDROCHLORIDE see: NW7628200
5,6-DIMETHOXY-1-(2,3-DIMETHOXYBENZYL)ISOQUINOLINE HYDROCHLORIDE see: NW7910000
6,7-DIMETHOXY-1-(2,3-DIMETHOXYBENZYL)ISOQUINOLINE HYDROCHLORIDE see: NW7911000
2,5-DIMETHOXY-2-(DIMETHOXYMETHYL)TETRAHYDROFURAN see: LU6130000
5,6-DIMETHOXY-1-(2,3-DIMETHOXYPHENYL)ISOQUINOLINE HYDROCHLORIDE see: NW7925000
6,7-DIMETHOXY-1-(2,3-DIMETHOXYPHENYL)ISOQUINOLINE HYDROCHLORIDE see: NW7926000
2,2'-DIMETHOXY-alpha,alpha'-DIMETHYL-DIPHENETHYLAMINE LACTATE see: JJ4985000
o,o'-DIMETHOXY-alpha,alpha'-DIMETHYL-DIPHENETHYLAMINE compd. with LACTIC ACID see: JJ4990000
1,1-DIMETHOXY-3,7-DIMETHYL-2,6-OCTADIENE see: RG5330000
2,5-DIMETHOXY-alpha,4-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH2445000
p,p'-DIMETHOXYDIPHENYLTRICHLOROETHANE see: KJ3675000
DIMETHOXY-DT see: KJ3675000
DIMETHOXYETHANE see: KI1451000
alpha,beta-DIMETHOXYETHANE see: KI1451000
1,1-DIMETHOXYETHANE see: AB2825000
1,2-DIMETHOXYETHANE see: KI1451000
1,1-DIMETHOXYETHANE (DOT) see: AB2825000
1,2-DIMETHOXYETHANE (DOT) see: KI1451000
1,1-DI-(2-METHOXYETHOXY)ETHANE see: AB2100000
DI(2-METHOXYETHYL) MALEATE see: ON0175000
1,2-DIMETHOXY-6-ETHYLNORAPORPHINE see: RB5916600
1,2-DIMETHOXY-6-PROPYLNORAPORPHINE see: RB5917000
DIMETHOXY ETHYL PHTHALATE see: TI1400000
DI(2-METHOXYETHYL)PHTHALATE see: TI1400000 PHTHALIC ACID, DI(METHOXYETHYL) ESTER
12,13-DIMETHOXY-7-ETHYL-5,9,10-14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE see: NW6745700
3,4-DIMETHOXY-beta-(ETHYLTHIO)PHENETHYLAMINE HYDROCHLORIDE see: SH2993000
6,7-DIMETHOXY-1-(m-FLUOROBENZYL)-3,4-DIHYDROISOQUINOLINE HYDROBROMIDE see: NW7628700
6-7-DIMETHOXY-1-(o-FLUOROBENZYL)-3,4-DIHYDROISOQUINOLINE HYDROBROMIDE see: NW7628750
6,7-DIMETHOXY-1-(p-FLUOROBENZYL)-3,4-DIHYDROISOQUINOLINE HYDROBROMIDE see: NW7628800
6,7-DIMETHOXY-1-(m-FLUOROBENZYL)-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE see: NX5017600
6,7-DIMETHOXY-1-(o-FLUOROBENZYL)-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE see: NX5017700
6,7-DIMETHOXY-1-(p-FLUOROBENZYL)-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE see: NX5017800
6,7-DIMETHOXY-2-(m-FLUOROBENZYL)-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE see: NX5017900
6,7-DIMETHOXY-2-(o-FLUOROBENZYL)-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE see: NX5017930
6,7-DIMETHOXY-2-(p-FLUOROBENZYL)-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE see: NX5017970
9,10-DIMETHOXY-1,3,4,6,7,11b-HEXAHYDRO-2H-BENZO(a)QUINOLIZIN-2-ONE OXIME see: DK2263000 2H-BENZO(a)QUINOLIZIN-2-ONE, 1,3,4,6,7,11b-HEXAHYDRO-9,10-DIMETHOXY-, OXIME
2,6-DIMETHOXY-3-(HYDROXYMETHYL)-p-BENZOQUINONE ACETATE (ester) see: DX4785000
3,6-DIMETHOXY-2-HYDROXY-beta-(3-PYRIDYL)ACRYLOPHENONE see: AT7209500
3',6'-DIMETHOXY-2'-HYDROXY-3-(3-PYRIDYL)ACRYLOPHENONE see: AT7209501
6,7-DI[illegible]ETHOXY-1-(3-INDOLYLMETHYL)-2-((2-PYRIDYLAMINO)METHYL)-1,2,3,4-TETRAHYDROISOQUINOLINE see: NX5018000
6,7-DIMETHOXY-1-(3-INDOLYLMETHYL)-2-((o-TOLUIDINO)METHYL)-1,2,3,4-TETRAHYDROISOQUINOLINE see: NX5018100
6,7-DIMETHOXY-1-(3-INDOLYLMETHYL)-2-((p-TOLUIDINO)METHYL)-1,2,3,4-TETRAHYDROISOQUINOLINE see: NX5018200
2,5-DIMETHOXY-4-(2-IODOACETAMIDO)PHENYL THIOCYANATE see: XK9365000 THIOCYANIC ACID, 2,5-DIMETHOXY-4-(2-IODOACETAMIDO)PHENYL ESTER
12,13-DIMETHOXY-7-ISOPROPYL-5,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE see: NW6745800
3-(6,7-DIMETHOXY-1-ISOQUINOLINYL)-3-(3,4-DIMETHOXYPHENYL)-1,1,1-TRICHLORO-2-PROPANONE see: UC1790000
DIMETHOXYMETHANE see: PA8750000
2,5-DIMETHOXY-4-METHYLAMPHETAMINE HYDROCHLORIDE see: SH2445000
DIMETHOXYMETHYLBENZENE see: CU5774000
2,3-DIMETHOXY-12-METHYL-(1,3)-BENZODIOXOLO(5,6-c)PHENANTHRIDINIUM CHLORIDE see: DF4935500
2,3-DIMETHOXY-12-METHYL-(1,3)-BENZODIOXOLO(5,6-c)PHENANTHRIDINIUM METHYLSULFATE see: DF4935600
10,11-DIMETHOXY-19-METHYL-16,17-DIDEHYDROOXAYOHIMBAN-16-CARBOXYLIC ACID METHYL ESTER see: RP5776500
9,10-DIMETHOXY-2,3-(METHYLENEDIOXY)BERBINE see: DR9823000
5,8-DIMETHOXY-2-METHYL-4',5'-FURANO-6,7-CHROMONE see: LV1050000
5,8-DIMETHOXY-3-METHYL-6,7-FURANOCHROMONE see: LV1050000
4,9-DIMETHOXY-7-METHYL-5H-FURO(3,2-g)(1)BENZOPYRAN-5-ONE see: LV1050000
5,8-DIMETHOXY-2-METHYL-4',5'-FURO-6,7-CHROMONE see: LV1050000
9,10-DIMETHOXY-3-METHYL-1,3,4,6,7,11b-HEXAHYRDO-2H-BENZO(a)QUINOLIZIN-2-ONE OXIME see: DK2261000 2H-BENZO(a)QUINOLIZIN-2-ONE, 1,3,4,6,7,11b-HEXAHYDRO-9,10-DIMETHOXY-3-METHYL-, OXIME
3,6-DIMETHOXY-17-METHYLMORPHINAN-6-beta,14-DIOL see: QC8900000
4,9-DIMETHOXY-7-METHYL-5-OXO-1,8-DIOXABENZ-(f)INDENE see: LV1050000
4,9-DIMETHOXY-7-METHYL-5-OXOFURO(3,2-g)(1)BENZOPYRAN see: LV1050000
4,9-DIMETHOXY-7-METHYL-5-OXOFURO(3,2-g)-1,2-CHROMENE see: LV1050000
2,3-DIMETHOXY-alpha-METHYL-PHENETHYL ALCOHOL see: SG8025000
2,3-DIMETHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH3110000
2,4-DIMETHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH3120000
2,6-DIMETHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH3200000
3,4-DIMETHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH3236000
3,5-DIMETHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH3250000
1-((3,4-DIMETHOXY-alpha-METHYLPHENETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE see: UB2704000
N,N'-DIMETHOXYMETHYLPHENOBARBITAL see: CQ0560000
1-(2,5-DIMETHOXY-4-METHYLPHENYL)-2-AMINOPROPANE see: SH2445000
12,13-DIMETHOXY-7-METHYL-5,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE see: NW6746000
12,13-DIMETHOXY-10-NITRO-7,9,10,14b-TETRAHYDRO-5H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6-ONE see: NW6746500
1,2-DIMETHOXYNORAPORPHINE see: RB5916300
2-(3,4-DIMETHOXY-alpha-PHENACYLBENZYL)-3,4-DIHYDRO-1(2H) NAPHTHALENONE see: QK4414500
3,4-DIMETHOXYPHENETHYLAMINE HYDROCHLORIDE see: SH3000000
7-(2-(3,4-DIMETHOXYPHENETHYLAMINO)ETHYL)THEOPHYLLINE MONOHYDROCHLORIDE see: XM5107200
N-(2-(3-(3,4-DIMETHOXYPHENETHYLAMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-METHYLUREA see: YS9863500
(4-(3-(3,4-DIMETHOXYPHENETHYLAMINO)-2-HYDROXYPROPOXY)PHENYL)UREA see: YS9863200
1-(3,4-DIMETHOXYPHENETHYLAMINO)-3-(3-METHYL-3-THIENYLOXY)-2-PROPANOL see: UB2706000
1-((3,4-DIMETHOXYPHENETHYL)AMINO)-3-(p-NITROPHENOXY)-2-PROPANOL HYDROCHLORIDE see: UB2707000
1-((3,4-DIMETHOXYPHENETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE see: UB2708000
1-((3,4-DIMETHOXYPHENETHYL)AMINO)-3-(m-TOLYLOXY)-2-PROPANOL HYDROCHLORIDE see: UB2709000
4-(2,5-DIMETHOXYPHENETHYL)ANILINE see: WJ3833000
1-(3,4-DIMETHOXYPHENETHYL)-4-(2,5-DIMETHOXYPHENYL)PIPERAZINE HYDROCHLORIDE see: TL5899000
7-(2-((3,4-DIMETHOXYPHENETHYL)METHYLAMINO)ETHYL)THEOPHYLLINE compd. with METHIODIDE see: XM5107400
7-(2-((3,4-DIMETHOXYPHENETHYL)METHYLAMINO)ETHYL)THEOPHYLLINE MONOHYDROCHLORIDE see: XM5107600

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

5-((3,4-DIMETHOXYPHENETHYL)METHYLAMINO)-2-(3,4-DIMETHOXYPHENYL)-2-ISOPROPYLVALERONITRILE see: YV8300000
N-(3,4-DIMETHOXYPHENETHYL)PHOSPHORAMIDIC ACID DIETHYL ESTER see: TB2822000
N-(3,4-DIMETHOXYPHENETHYL)PHOSPHORAMIDIC ACID DIPHENYL ESTER see: TB2823000
N,N'-DI(3-(p-METHOXYPHENOXY)-2-HYDROXYPROPYL)ETHYLENEDIAMINE DIMETHANESULPHONATE see: UB4798000
(3,4-DIMETHOXYPHENYL)ACETONE see: UC1795500
3,4-DIMETHOXYPHENYLACETONITRILE see: AL9325000
1-((2,5-DIMETHOXYPHENYL)AZO)-2-NAPHTHALENOL see: QL3675000
1-(2,5-DIMETHOXYPHENYLAZO)-2-NAPHTHOL see: QL3675000
1-(1-(2,5-DIMETHOXYPHENYL)AZO)-2-NAPHTHOL see: QL3675000
2,5-DIMETHOXY-1-(PHENYLAZO)-2-NAPHTHOL see: QL3675000
N-(2,5-DIMETHOXYPHENYL)BENZAMIDINE see: CV6184000
1-(2-(p-(5,6-DIMETHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UY0891000
3-(2,4-DIMETHOXYPHENYL)CROTONIC ACID MAGNESIUM SALT see: GD9001000
3,4-DIMETHOXY-beta-PHENYLETHYLAMINE HYDROCHLORIDE see: SH3000000
3,4-DIMETHOXYPHENYLETHYLAMINO-3-AMINOPYRIDINE see: US1816000 PYRIDINE, 3-AMINO-4-(3,4-DIMETHOXYPHENETHYLAMINO)-
5-(3,4-DIMETHOXYPHENYL)-3-(o-ETHYLPHENYL)-s-TRIAZOLE see: XZ4750000
beta-3,4-DIMETHOXYPHENYL-beta-ETHYLTHIOETHYLAMINE HYDROCHLORIDE see: SH2993000
3,4-DIMETHOXY-alpha-PHENYLHYDROCINNAMIC ACID HYDRAZIDE see: MW5150500 HYDROCINNAMIC ACID,3,4-DIMETHOXY-alpha-PHENYL-, HYDRAZIDE
beta-(2,5-DIMETHOXYPHENYL)-beta-HYDROXYISOPROPYLAMINE HYDROCHLORIDE see: DN4025000
2-(2,4-DIMETHOXYPHENYL)-1H-IMIDAZO(4,5-b)PYRIDINE see: NJ5731000
N-(2,4-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS9867100
N-(2,5-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS9867200
N-(2,6-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA HYDROCHLORIDE see: YS9867300
N-(3,4-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YS9867400
N-(2,5-DIMETHOXYPHENYL)ISONICOTINAMIDINE see: NS0985000
DI(B-O-METHOXYPHENYLISOPROPYL)-AMINE LACTATE see: JJ4985000
5,6-DIMETHOXY-1-PHENYLISOQUINOLINE HYDROCHLORIDE see: NW2400000
DIMETHOXYPHENYLMETHANE see: CU5774000
5-(2,5-DIMETHOXYPHENYL)-3-METHOXY-as-TRIAZINE see: XY7366500
5-(3,4-DIMETHOXYPHENYL)-3-METHOXY-as-TRIAZINE see: XY7366600
N-(2,6-DIMETHOXYPHENYL)-N'-METHYLAMIDINO-UREA HYDROCHLORIDE see: YS9867300
1-((3,4-DIMETHOXYPHENYL)METHYL-6,7-DIMETHOXYISOQUINOLINE see: NW8450000
2-(3,4-DIMETHOXYPHENYL)-5-METHYLTHIAZOLIDIN-4-ONE see: XJ6267000
5-(2,5-DIMETHOXYPHENYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY7366700
5-(3,4-DIMETHOXYPHENYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY7366800
N-(2,5-DIMETHOXYPHENYL)-2-NAPHTHAMIDINE see: QK7174600
N-(2,5-DIMETHOXYPHENYL)NICOTINAMIDINE see: QS4720000
4-(3,4-DIMETHOXYPHENYL)-2-PHENYL-5,6-DIHYDRO-4H-NAPHTHO(1,2-b)THIOPYRAN see: QM0687000
4-(3,4-DIMETHOXYPHENYL)-2-PHENYL-5,6-DIHYDRONAPHTHO(1,2-b)THIOPYRYLIUM TRIFLUOROACETATE see: QM0701100
4-(3,4-DIMETHOXYPHENYL)-2-PHENYL-3,4,4a,5,6,10b-HEXAHYDRO-2H-NAPHTHO(1,2-b)THIOPYRAN see: QM0690000
1,1-DIMETHOXY-2-PHENYLPROPANE see: MU6480000
1-(2,3-DIMETHOXYPHENYL)-2-PROPANOL see: SG8025000
1-(3,4-DIMETHOXYPHENYL)-2-PROPANOL see: UB2800000
1-(2,3-DIMETHOXYPHENYL)-2-PROPANONE see: UC1795000
1-(3,4-DIMETHOXYPHENYL)-2-PROPANONE see: UC1795500
1-(3,4-DIMETHOXYPHENYL)-2-PROPENE see: CY2450000
beta-2,3-DIMETHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see: SH3110000
beta-2,4-DIMETHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see: SH3120000
beta-2,5-DIMETHOXYPHENYLPROPYLAMINE HYDROCHLORIDE see: SH3147000
beta-2,6-DIMETHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see: SH3200000
beta-3,4-DIMETHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see: SH3236000
beta-3,5-DIMETHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see: SH3250000
3,4-DIMETHOXY-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE see: FL7025000
12,13-DIMETHOXY-7-PHENYL-7,9,10-14b-TETRAHYDRO-5H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6-ONE see: NW6747000
2,2-DI-(p-METHOXYPHENYL)-1,1,1-TRICHLOROETHANE see: KJ3675000
DI(p-METHOXYPHENYL)-TRICHLOROMETHYL METHANE see: KJ3675000
((DIMETHOXYPHOSPHINOTHIOYL)THIO)BUTANEDIOIC ACID DIETHYL ESTER see: WM8400000
2-DIMETHOXYPHOSPHINOTHIOYLTHIOMETHYL-4,6-DIAMINO-s-TRIAZINE see: TD5600000
3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOIC ACID METHYL ESTER see: GQ5250000
3-(DIMETHOXYPHOSPHINYLOXY)-N,N-DIMETHYL-cis-CROTONAMIDE see: TC3850000
3-(DIMETHOXYPHOSPHINYLOXY)-N,N DIMETHYLISOCROTONAMIDE see: TC3850000
3-(DIMETHOXYPHOSPHINYLOXY)N-METHYL-cis-CROTONAMIDE see: TC4375000
3-(DIMETHOXYPHOSPHINYLOXY)-N-METHYL-N-METHOXY-cis-CROTONAMIDE see: TC4025000
(E)-N-(3-((DIMETHOXYPHOSPHINYL)OXY)-1-OXOBUTENYL)GLYCINE ETHYL ESTER see: MC0580000
5,6-DIMETHOXYPHTHALALDEHYDIC ACID ISONICOTINOYLHYDRAZONE see: TM7010000
DIMETHOXY POLYETHYLENE GLYCOL see: MC9630000 GLYCOLS, POLYETHYLENE, DIMETHYL ETHER
1,2-DIMETHOXY-4-PROPYLBENZENE see: CZ7178000
2',5'-DIMETHOXY-3-(3-PYRIDYL)ACRYLOPHENONE see: AT7210500
2-(2,4-DIMETHOXYPYRIMIDIN-6-YLAMINO)-6-METHYL-1H-PYRIDINIUM-3-THIOLATE see: UT8950000
N(sup 1)-(2,6-DiMETHOXY-4-PYRIMIDINYL)SULFANILAMIDE see: WO9030000
N(sup 1)-(4,6-DIMETHOXYPYRIMIDIN-2-YL)SULFANILAMIDE see: DA9495000
N'-(5,6-DIMETHOXY-4-PYRIMIDYL)SULFANILAMIDE see: DA9500000
4-((3,4-DIMETHOXY-2-(1-PYRROLIDINYLCARBONYL)BENZYLIDENE)AMINO)ANTIPYRINE see: CC2610000
5,6-DIMETHOXYSTERIGMATOCYSTIN see: LV1750500
4-(2,5-DIMETHOXY)STILBENAMINE see: WJ3833000
DIMETHOXY STRYCHNINE see: EH8925000
2,3-DIMETHOXY-STRYCHNINE see: EH8925000
DIMETHOXY STRYCHNINE (DOT) see: EH8925000
DIMETHOXYSULFADIAZINE see: WO9030000
2,4-DIMETHOXY-6-SULFANILAMIDO-1,3-DIAZINE see: WO9030000
2,6-DIMETHOXY-4 SULFANILAMIDOPYRIMIDINE see: WO9030000
DIMETHOXYTETRAETHYLENE GLYCOL see: SB0400000
DIMETHOXYTETRAGLYCOL see: SB0400000
12,13-DIMETHOXY-5,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE see: NW6745000
DI(METHOXYTHIOCARBONYL) DISULFIDE see: LQ8050000
DIMETHOXY-2,2,2-TRICHLORO-1-n-BUTYRYLOXY-ETHYLPHOSPHINE OXIDE see: ET0175000
DIMETHOXY-2,2,2-TRICHLORO-1-HYDROXY-ETHYL-PHOSPHINE OXIDE see: TA0700000
o,o'-DIMETHOXY-N,alpha,alpha'-TRIMETHYL-DIPHENETHYLAMINE, HYDROCHLORIDE VINYL ALCOHOL see: JJ5006000
3,3'-DIMETHOXYTRIPHENYLMETHANE-4,4'-BIS(1''-AZO-2''-NAPHTHOL) see: JE2300000
6,7-DIMETHOXY-1-VERATRYLISOQUINOLINE see: NW8450000
DIMETHPYRINDENE MALEATE see: UT0830000
DIMETHRACINE TARTRATE see: AR9275000
DIMETHRIN see: GZ1455000
DIMETHULENE see: CO4780000
DIMETHWLEN see: CO4780000
DIMETHYL see: KH3800000
DIMETHYLACETAL see: AB2825000
DIMETHYLACETAMIDE see: AB7700000
N,N-DIMETHYLACETAMIDE see: AB7700000
1,1-DIMETHYL-3-(p-ACETAMIDOPHENYL)TRIAZENE see: AE2450000
3,4-DIMETHYLACETANILIDE see: AN7500000
3',4'-DIMETHYLACETANILIDE see: AN7500000
DIMETHYLACETIC ACID see: NQ4375000
DIMETHYLACETONE see: SA8050000
DIMETHYLACETONE AMIDE see: AB7700000
N,N-DIMETHYL beta-ACETOXY beta-(CHLORO-4-PHENYL)-ETHYLAMINE see: SG9150000
N,N-DIMETHYL beta-ACETOXY beta-PHENYLETHYLAMINE see: SG9152000
O,O-DIMETHYL-S-(2-(ACETYLAMINO)ETHYL) DITHIOPHOSPHATE see: TE0350000
O,O-DIMETHYL S-(2-ACETYLAMINOETHYL) PHOSPHORODITHIOATE see: TE0350000
DIMETHYLACETYLENE see: GQ7210000
DIMETHYLACETYLENECARBINOL see: ES0810000
DIMETHYLACETYLENYLCARBINOL see: ES0810000
DIMETHYL (1-(ACETYLOXY)-2,2-DICHLOROETHENYL)PHOSPHONATE see: SZ7640000
O,S-DIMETHYLACETYLPHOSPHORAMIDOTHIOATE see: TB4760000
N,N-DIMETHYLACRYLAMIDE see: AU3230000
3,3 DIMETHYL-ACRYLATE DE 2,4-DINITRO-6-(1-METHYLPROPYLE) PHENYLE (French) see: GQ5600000
beta,beta-DIMETHYLACRYLIC ACID see: GQ5425000
(E)-2,3-DIMETHYLACRYLIC ACID see: GQ5430000
trans-alpha,beta-DIMETHYLACRYLIC ACID see: GQ5430000
trans-2,3-DIMETHYLACRYLIC ACID see: GQ5430000
3,3-DIMETHYLACRYLIC ACID see: GQ5425000
3,3-DIMETHYLACRYLIC ACID 2-sec-BUTYL-4,6-DINITROPHENYL ESTER see: GQ5600000
cis-alpha,beta-DIMETHYL ACRYLIC ACID, GERANIOL ESTER see: RG5927900
DIMETHYL ADIPIMIDATE see: AV2328000
DIMETHYL ADIPINAMIDATE see: AV2328000
N-(5-(1,1-DIMETHYLAETHYL)-1,3,4-THIADIAZOL-2-YL)-N,N'-DIMETHYLHARNSTOFF (German) see: YS4250000
O,O-DIMETHYL-S-(2-AETHYLTHIO-AETHYL)-DITHIO PHOSPHAT (German) see: TE4375000
O,O-DIMETHYL-O-(2-AETHYLTHIO-AETHYL MONOTHIOPHOSPHAT (German) see: TG1650000
O,O-DIMETHYL-S-(2-AETHYLTHIO-AETHYL)-MONOTHIOPHOSPHAT (German) see: TG1750000
DIMETHYL ALDEHYDE see: AB2825000
DIMETHYLALLYL ACETATE see: EM9473700
1-(N,N-DIMETHYLALANYL)-3-(p-ETHOXYPHENYL)UREA see: YS9868300 UREA, 1-(N,N-DIMETHYLALANYL)-3(p-ETHOXYPHENYL)-
gamma,gamma-DIMETHYLALLYL ACETATE see: EM9473700
3,3-DIMETHYLALLYL ACETATE see: EM9473700
DIMETHYLALLYL ALCOHOL see: EM9472500
gamma,gamma-DIMETHYLALLYL ALCOHOL see: EM9472500
3,3-DIMETHYLALLYL ALCOHOL see: EM9472500
2-(3,3-DIMETHYLALLYL)CYCLAZOCINE see: PB8750000
2-DIMETHYLALLYL-5,9-DIMETHYL-2'-HYDROXYBENZOMORPHAN see: PB8750000
2-(3,3-DIMETHYLALLYL)-2',2'-HYDROXY-5,9-DIMETHYL-6,7-BENZOMORPHAN see: PB8750000
DIMETHYLAMIDE ACETATE see: AB7700000
DIMETHYLAMIDE DIETHYLENEIMIDE PHOSPHORIC ACID see: SZ5825000
DI-N,N'-DIMETHYLAMIDE ETHYLENEIMIDO PHOSPHATE see: TA1460000
1-DIMETHYLAMIDINO-3-(2,6-DIETHYLPHENYL)-UREA HYDROCHLORIDE see: YS9388000
1-DIMETHYLAMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-UREA HYDROCHLORIDE see: YS9994000
3-DIMETHYLAMIDINO-1-METHYL-1-(2,6-XYLYL)-UREA see: YS9990000
1-DIMETHYLAMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE see: YS9993000
DIMETHYLAMIDOETHOXYPHOSPHORYL CYANIDE see: TB4550000

IP8750000 DIMETHYLAMINE

UPDT:8411 CAS: 124-40-3 MW: 45.10 MOLFM: C2-H7-N
SYN: DIMETHYLAMINE AQUEOUS SOLUTION (DOT) * DIMETHYLAMINE, anhydrous (DOT) * DMA * METHANAMINE, N-METHYL- (9CI) * N-METHYLMETHANAMINE * RCRA WASTE NUMBER U092 * UN 1032 (DOT) * UN 1160 (DOT)

IRRITATION DATA AND REFERENCES:

	eye-rbt 50 mg/5M	BJIMAG 23,153,66

MUTATION DATA AND REFERENCES:

	cyt-rat-ihl 50 ug/m3	GISAAA 36(11),9,71

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:698 mg/kg	HYSAAV 32,329,67
3D07D35J22	ihl-rat LC50:4540 ppm/6H	AIHAAP 43,411,82
	orl-mus LD50:316 mg/kg	HYSAAV 32,329,67
3D07D35J22	ihl-mus LC50:7650 ppm/2H	AIHAAP 43,411,82
	orl-rbt LD50:240 mg/kg	HYSAAV 32,329,67
*	ivn-rbt LDLo:4 gm/kg	MEIEDD 10,470,83
	orl-gpg LD50:240 mg/kg	HYSAAV 32,329,67
*	ihl-mam LC50:3700 mg/m3	TPKVAL 14,80,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31

★	TLV-TWA 10 ppm	DTLVS* 4,145,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 10 ppm (SCP-J)	FEREAC 39,23540,74
★	DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS, anhydrous	CFRGBR 49,172.101,82
★	DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID, aqueous	CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S142
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
DIMETHYLAMINE, 1-ACETOXY-N-NITROSO- see: AI9150000
DIMETHYLAMINE AQUEOUS SOLUTION (DOT) see: IP8750000
DIMETHYLAMINE BENZHYDRYL ESTER HYDROCHLORIDE see: KR7000000
4-DIMETHYLAMINE m-CRESYL METHYLCARBAMATE see: FC0175000
DIMETHYLAMINE, (2,4-DICHLOROPHENOXY)ACETATE see: AG8400000
DIMETHYLAMINE, anhydrous (DOT) see: IP8750000

IQ0220000 DIMETHYLAMINE, HYDROCHLORIDE

UPDT:8411 CAS: 506-59-2 MW: 81.56 MOLFM: C2-H7-N-Cl-H
SYN: DIMETHYLAMMONIUM CHLORIDE * HYDROCHLORIC ACID DIMETHYLAMINE * METHANAMINE, N-METHYL-, HYDROCHLORIDE (9CI)

TUMORIGENIC DATA AND REFERENCES:

3V02J61L60	orl-mus TDLo:12 gm/kg/Y-C	GISAAA 44(8),15,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1070 mg/kg	GISAAA 32(6),12,67
*	orl-mus LD50:8100 mg/kg	GISAAA 32(6),12,67
1J26	ipr-mus LD50:1570 mg/kg	JJPAAZ 17,475,67
*	scu-mus LD50:2000 mg/kg	AIPTAK 112,36,57
*	ivn-mus LD50:1210 mg/kg	AIPTAK 112,36,57

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

* orl-rbt LD50:1600 mg/kg GISAAA 32(6),12,67
* orl-gpg LD50:1600 mg/kg GISAAA 32(6),12,67

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IQ0230000 DIMETHYLAMINE, 1-(HYDROPEROXY)-N-NITROSO-
UPDT:8303 MW: 106.10 MOLFM: C2-H6-N2-O3
SYN: 1-(HYDROPEROXY)-N-NITROSODIMETHYLAMINE * N-METHYL-N-(HYDROPEROXYMETHYL)NITROSAMINE

MUTATION DATA AND REFERENCES:
msc-ham:lng 50 umol/L GANNA2 73,522,82

IQ0250000 DIMETHYLAMINE, 1-METHOXY-N-NITROSO-
UPDT:8412 CAS: 39885-14-8 MW: 104.13 MOLFM: C3-H8-N2-O2
SYN: METHOXYMETHYL-METHYLNITROSAMIN (German) * METHOXYMETHYL-METHYLNITROSAMINE * N-NITROSO-N-METHOXYMETHYLMETHYLAMINE

TUMORIGENIC DATA AND REFERENCES:
2V01J60 orl-rat TDLo:1470 mg/kg/50W-I ZKKOBW 88,25,76
2V03M61 ipr-rat TDLo:448 mg/kg PAACA3 16,32,75

TOXICITY DATA AND REFERENCES:
orl-rat LD50:700 mg/kg ZKKOBW 88,25,76
* ipr-rat LD50:895 mg/kg PAACA3 16,32,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IQ0450000 DIMETHYLAMINE, N-NITRO-
UPDT:8411 CAS: 4164-28-7 MW: 90.10 MOLFM: C2-H6-N2-O2
SYN: DIMETHYLNITRAMIN (German) * DIMETHYLNITRAMINE * DMNM * DMNO * DIMETHYLNITROAMINE * N-NITRODIMETHYLAMINE * N-NITRO-DMA

MUTATION DATA AND REFERENCES:
mma-sat 250 umol/plate CRNGDP 5,809,84
hma-rat/sat 200 mg/kg CNREA8 41,3205,81

TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-rat TDLo:20 gm/kg/1Y-C JJINDB 64,1435,80
2V03M61 orl-rat TD :40 gm/kg/D NATWAY 48,134,61
3V03L60P61 orl-rat TD :34 gm/kg/82W-C ZEKBAI 69,103,67

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1095 mg/kg TXAPA9 33,185,75
ipr-rat LD50:897 mg/kg TXAPA9 33,185,75
ipr-mus LD50:399 mg/kg DCTODJ 1,363,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IQ0525000 DIMETHYLAMINE, N-NITROSO-
UPDT:8412 CAS: 62-75-9 MW: 74.10 MOLFM: C2-H6-N2-O
SYN: DIMETHYLNITROSAMIN (German) * DIMETHYLNITROSAMINE * N,N-DIMETHYLNITROSAMINE * DIMETHYLNITROSOAMINE * DMN * DMNA * N-METHYL-N-NITROSOMETHANAMINE * NDMA * NITROSODIMETHYLAMINE * N-NITROSODIMETHYLAMINE * RCRA WASTE NUMBER P082

MUTATION DATA AND REFERENCES:
mmo-sat 50 uL/plate MUREAV 54,101,78
mma-sat 250 ug/plate MUREAV 111,135,83
mma-esc 140 nmol/plate MUREAV 135,87,84
dnr-esc 50 uL/plate MUREAV 54,101,78
mrc-esc 50 ng/well MUREAV 46,53,77
dnd-esc 50 uL/plate CNREA8 31,970,71
dnr-bcs 25 gm/L EVSRBT 24,19,81
mmo-omi 1 pph/72H-C SOGEBZ 10,522,74
slt-dmg-orl 100 umol/L ENMUDM 5,455,83
slt-dmg-par 1 mmol/L CNREA8 35,3780,75
cyt-dmg-par 1 mmol/L CNREA8 35,3780,75
sln-dmg-unk 2500 umol/L BIZNAT 102,271,83
sln-dmg-par 2 mmol/L CBINA8 14,21,76
sln-dmg-orl 2500 umol/L ENMUDM 2,187,80
dlt-dmg-orl 10 mmol/L RPZHAW 33,215,82
mmo-nsc 100 nmol/L MUREAV 3,537,66
mma-nsc 90 mmol/L MUREAV 31,195,75
mmo-smc 450 mmol/L BBRCA9 83,14,78
mma-smc 350 mmol/L MUREAV 45,309,77
mrc-smc 5 mmol/L MUREAV 108,161,83
mma-asn 20 uL/plate MUREAV 80,265,81
otr-hmn:oth 200 ug/L CANCAR 47,1543,81
otr-hmn:fbr 1 ug/L BANRDU 12,3,82
dnd-hmn:lng 27600 nmol/L CNREA8 37,2309,77
dnd-hmn:oth 1300 nmol PAACA3 24,65,83
dnd-hmn:oth 4100 nmol PAACA3 24,65,83
dns-hmn:fbr 1 mmol/L/1H IJCNAW 16,284,75
dns-hmn:hla 100 umol/L CNREA8 38,2621,78
dns-hmn:oth 1 mmol/L JJINDB 69,557,82
dns-hmn:lvr 1 mmol/L BANRDU 13,101,82
dni-hmn:hla 100 mmol/L/1H-C JEPTDQ 2(1),65,78
cyt-hmn:hla 10 umol/L TXCYAC 9,21,78
cyt-hmn:lym 50 mmol/L ARTODN 39,159,77
sce-hmn:fbr 3 mmol/L ENMUDM 4,203,82
sce-hmn:lym 29 mg/L CNREA8 40,4775,80
msc-hmn:lym 7 mmol/L ENMUDM 4,304,82
mnt-rat-par 30 mg/kg ZEKBAI 84,135,75
mnt-rat-ipr 30 mg/kg MUREAV 74,77,80
otr-rat-ipr 60 mg/kg ONCOBS 34,16,77
otr-rat-orl 100 umol/kg CBINA8 43,313,83
dnd-rat:oth 175 umol PAACA3 24,65,83
dnd-rat:oth 6300 nmol PAACA3 24,65,83
otr-rat:lvr 100 mg/L BJCAAI 28,215,73
otr-rat:emb 1300 mg/L JJIND8 67,1303,81
dnd-rat-unk 5 mg/kg CBINA8 15,101,76
dnd-rat-ivn 1 ug/kg CNREA8 41,3128,81
dnd-rat-ipr 10 mg/kg CNREA8 38,1589,78
dnd-rat:lvr 13500 umol/L TXCYAC 27,55,83
dnd-rat-orl 30 mg/kg PLRCAT 10,693,78
dnd-rat-par 2 mg/kg NATUAS 248,153,74
dns-rat-scu 1560 ug/kg BIMDB3 20,119,74
dns-rat:lvr 30 mg/L MUREAV 124,299,83
dns-rat-orl 10 mg/kg ENMUDM 4,553,82
dns-rat-ipr 1 mg/kg CRNGDP 3,1071,82
dni-rat-ipr 9 mg/kg CBINA8 27,81,79
dni-rat-scu 12500 ug/kg BIMDB3 20,119,74
oms-rat-ipr 30 mg/kg BBACAQ 654,31,81
dns-rat:oth 1 mmol/L CRNGDP 5,773,84
dns-rat:oth 5 mmol/L PAACA3 25,106,84
oms-rat-ipr 4 mg/kg BBACAQ 697,336,82
dns-rat-ihl 500 ppm/4H PAACA3 25,106,84
cyt-rat-scu 40 mg/kg NULSAK 23,121,80
cyt-rat-ipr 20 mg/kg CBINA8 11,413,75
sce-rat-ipr 10 mg/kg MUREAV 107,131,83
sce-rat:lvr 500 mmol/L MUREAV 93,409,82
msc-rat:emb 100 ug/L JTEHD6 4,79,78
hma-rat/smc 10 mmol/L/4H MUREAV 31,381,75
hma-rat/sat 600 ug/kg ENMUDM 1,277,79
hma-rat/msc 100 mg/kg CNREA8 39,1525,79
mnt-mus-ipr 14 mg/kg MUREAV 43,255,77
mnt-mus-orl 12500 ug/kg MUREAV 97,43,82
mma-mus:mmr 10 mmol/L MUREAV 30,249,75
mma-mus:lym 500 ug/L/4H MUREAV 59,61,79
slt-mus-ipr 100 umol/L MUREAV 46,202,77
otr-mus:fbr 500 ug/L JJIND8 67,1303,81
dnd-mus-mul 57400 ug/kg/6W-C CBINA8 4,321,72
dnd-mus-ipr 5700 ug/kg MUREAV 54,39,78
dnd-mus-orl 15 mg/kg IJCNAW 17,765,76
dnd-mus:oth 5 umol PAACA3 24,65,83
dnd-mus:oth 72 umol PAACA3 24,65,83
dns-mus-orl 1200 ug/kg BBRCA9 58,242,74
dns-mus:lvr 100 umol/L ENMUDM 5,1,83
dns-mus-ipr 3 mg/kg TXAPA9 53,357,80
oms-mus-ivn 25 mg/kg ARTODN 54,215,83
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
dni-mus:oth 500 umol/L JJIND8 68,1015,82
dni-mus-par 20 mg/kg RCOCB8 21,281,78
oms-mus-orl 35 mg/kg CBINA8 21,45,78
sce-mus-ipr 200 ug/kg/6H-I HUGEDQ 35,299,77
sce-mus/lng 15 mg/kg PSEBAA 158,269,78
dlt-mus-ipr 4400 ug/kg MGGEAE 117,197,72
dlt-mus-scu 45 mg/kg ATXKA8 28,135,71
msc-mus/ovr 33 mg/L MUREAV 45,103,77
msc-mus:lym 3700 mg/L JEPTDQ 4(2-3),327,80
msc-mus/leu 2500 ug/kg EVSRBT 24,353,81
hma-mus/ssp 1 mg/kg MUREAV 85,57,81
hma-mus/sat 24200 ug/kg MGGEAE 117,197,72
hma-mus/srm 12 mg/kg/2H MGGEAE 117,197,72
hma-mus/smc 10 umol/kg AGACBH 3,99,73
hma-mus/esc 15 mg/kg MUREAV 25,187,74
spm-mus-ipr 2 mg/kg TXCYAC 12,183,79
hma-mus/nsc 75 mg/kg EVSRBT 24,109,81
mnt-ham-ipr 10 mg/kg MUREAV 43,255,77
mma-ham:lng 200 mmol/L MUREAV 46,365,77
mma-ham:ovr 500 umol/L ENMUDM 4,354,82
slt-ham:ovr 700 mg/L PMRSDJ 1,594,81
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
otr-ham:emb 100 ug/L IJCNAW 19,642,77
otr-ham-orl 200 mg/kg EVHPAZ 45,119,82
dnd-ham-ipr 10 ug/kg CNREA8 39,50,79
dnd-ham:lng 3 mmol/L/2H BBRCA9 72,732,76
dnd-ham:ovr 5 mmol/L MUREAV 77,259,80
dns-ham:lvr 20 umol/L ENMUDM 6,1,84
dns-ham:lng 10 umol/L ENMUDM 6,454,84
cyt-ham:emb 100 mmol/L PJABDW 56,41,80
cyt-ham-ipr 20 mg/kg CGCYDF 10,23,83
cyt-ham:lng 500 mg/L GMCRDC 27,95,81
cyt-ham:fbr 40 mmol/L MUREAV 51,397,78
cyt-ham:ovr 27 mmol/L MUREAV 37,83,76
sce-ham-ipr 15 mg/kg PSEBAA 158,269,78
sce-ham:fbr 40 mmol/L MUREAV 51,397,78
sce-ham:ovr 5 gm/L JCLBA3 83(2Pt2),447a,79
sce-ham:oth 40 mmol/L/30M ARTODN 46,61,80
sce-ham:lng 10 umol/L ENMUDM 6,454,84
sce-ham-orl 50 mg/kg MUREAV 113,33,83
msc-ham-ipr 200 mg/kg TOLED5 2,277,78
msc-ham:lng 100 umol/L ENMUDM 6,454,84
msc-ham:ovr 100 mg/L ENMUDM 6,539,84
dnd-grb-ipr 100 ug/kg CNREA8 43,1306,83
dnd-mam:kdy 1 mmol/L JTEHD6 6,333,80
dnd-mam:lym 430 umol/L MUREAV 135,87,84
hma-mam/esc 100 mg/kg ARZNAD 24,1422,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:20 mg/kg (20D preg) FCTOD7 21,453,83
1T35 orl-rat TDLo:30 mg/kg (10D preg) ZEKBAI 71,32,68
3T25T35T59 orl-rat TDLo:35 mg/kg (8-14D preg) VOONAW 13(5),87,67
1T27 orl-rat TDLo:30 mg/kg (10D preg) VOONAW 13(5),87,67
1T24 orl-rat TDLo:35 mg/kg (1-7D preg) VOONAW 13(5),87,67
1T35 ipr-rat TDLo:5 mg/kg (12D preg) CNREA8 33,2231,73
1T35 ivn-rat TDLo:20 mg/kg (10D preg) ZEKBAI 71,32,68
1T39 unk-rat TDLo:7 mg/kg (1-7D preg) IARCCD 4,1,73
1T35 ipc-rat TDLo:500 ug/kg (13D preg) BEXBAN 78,1308,74
2T71T75 orl-mus TDLo:1940 ug/kg (75D pre/1-22D preg) RCOCB8 19,311,78
1T83 ipr-mus TDLo:10 mg/kg (18D preg) TXCYAC 24,251,82

TUMORIGENIC DATA AND REFERENCES:
3V03T65M61 orl-rat TDLo:30 mg/kg (21D preg) BEXBAN 78,1308,74
3V01K60L60 orl-rat TDLo:23 mg/kg/2Y-I CNREA8 41,4997,81
3V01L60M61 ihl-rat TCLo:200 ug/m3/45W-C VOONAW 21(6),107,75
2V01M61 ipr-rat TDLo:30 mg/kg CNREA8 30,2796,70
2V03M61 ims-rat TDLo:18 mg/kg INURAQ 4,39,66
3V02T65M61 unk-rat TDLo:7 mg/kg (15-21D preg) IARCCD 4,1,73
2V03M61 ivn-rat TDLo:18 mg/kg INURAQ 4,39,66
2V03M61 mul-rat TDLo:420 mg/kg/2W-C APJAAG 23,87,73
2V03M61 irn-rat TDLo:20 mg/kg JJIND8 71,787,83
3V02T65J60 orl-mus TDLo:140 ug/kg (4W pre-3W post) JJIND8 62,1553,79
2V01J60 orl-mus TDLo:80 mg/kg/8W-C IJCNAW 28,199,81
3V02J60L60 ihl-mus TCLo:200 ug/m3/45W-C VOONAW 21(6),107,75
3V02J61V08 skn-mus TDLo:800 mg/kg/20W-I EJCAAH 16,695,80
2V01J60 ipr-mus TDLo:7 mg/kg IJCNAW 28,199,81
3V01T65J60 scu-mus TDLo:38 mg/kg (17-19D preg) VOONAW 17(8),75,71
3V02J60M61 scu-mus TDLo:70 mg/kg/1W-C BJCAAI 20,871,66
3V03J60L60 orl-rbt TDLo:325 mg/kg/37W-C BJCAAI 23,125,69
2V03L60 orl-ham TDLo:13 mg/kg BJCAAI 46,985,82
2V02L60 ipr-ham TDLo:20 mg/kg CRNGDP 1,91,80
2V01L60 scu-ham TDLo:62 mg/kg/44W-I JNCIAM 51,1295,73
3V02T65N60 scu-ham TDLo:12 mg/kg (14D preg) ZKKOBW 90,79,77
2V03L60 orl-mam TDLo:49 mg/kg/71W-C IARCCD 14,443,76
3V02J60L60 ipr-mus TD :7 mg/kg CBINA8 1,395,70
3V01J60L60 orl-mus TD :370 mg/kg/56W-C JNCIAM 41,1213,68
3V01K60L60 orl-rat TD :42 mg/kg/30W-I CNREA8 41,4997,81
2V02J60 orl-mus TD :11 mg/kg/16W-C PAACA3 25,98,84

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

3V01J08M61 ipr-rat TD :40 mg/kg BJEPA5 51,587,70
2V02L60 orl-rat TD :114 mg/kg/81W-I GISAAA 48(3),19,83
3V02J60M61 ipr-rat TD :20 mg/kg CRNGDP 4,613,83
3V01L60M61 ipr-rat TD :20 mg/kg JSONAU 8,539,76
2V02M61 orl-rat TD :336 mg/kg/2W-C TOLED5 18(Suppl 1),115,83
2V01L60 scu-ham TD :102 mg/kg/30W-I JNCIAM 51,1295,73
TOXICITY DATA AND REFERENCES:
3K08K13U25 orl-wmn LDLo:1500 mg/2Y-I ONCOBS 37,273,80
3K08K13U25 orl-wmn LDLo:1500 mg/kg/2Y-I ONCOBS 37,273,80
orl-rat LD50:26 mg/kg BJIMAG 11,167,54
ihl-rat LC50:78 ppm/4H AMIHAB 12,617,55
ipr-rat LD50:34 mg/kg BIJOAK 85,72,62
scu-rat LD50:45 mg/kg ZKKOBW 80,17,73
ivn-rat LDLo:40 mg/kg BJIMAG 11,167,54
unk-rat LD50:36 mg/kg GISAAA 45(8),11,80
ihl-mus LC50:57 ppm/4H AMIHAB 12,617,55
ipr-mus LDLo:9 mg/kg TXAPA9 23,288,72
unk-mus LDLo:20 mg/kg BJIMAG 11,167,54
orl-dog LDLo:20 mg/kg BJIMAG 11,167,54
ihl-dog LCLo:16 ppm/4H AMIHAB 12,617,55
unk-rbt LDLo:10 mg/kg BJIMAG 11,167,54
unk-gpg LDLo:25 mg/kg BJIMAG 11,167,54
orl-ham LD50:28 mg/kg JNCIAM 33,341,64
ipr-ham LD50:30 mg/kg CRNGDP 1,91,80
scu-ham LD50:28 mg/kg BJCAAI 29,359,74
3L10L30Y15 scu-mam LD50:10 mg/kg AVSCA7 22,501,81
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 64,77,76; GANMAX 17,107,75; TXAPA9 41,157,77; BSCVA2 5,257,70; ATXKAB 28,135,71; APLMAS 107,54,83; BLFSBY 24,129,83; ONCOBS 37,259,80
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 17,125,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,95,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 17,125,78
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 1,95,72
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,311,80
STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39,3756,74
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 252, VOL 5 299#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1280-0376;8EHQ-1278-0264
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIMETHYLAMINE SALT of 2,4-D see: AG8400000
DIMETHYLAMINE SALTS of MIXED POLYCHLOROBENZOIC ACIDS see: TQ1400000
4-(DIMETHYLAMINE)-3,5-XYLYL N-METHYLCARBAMATE see: FC0700000
5-(2-(DIMETHYLAMINO)ACETAMIDO)-4-(2-ETHOXYETHYL)-3-METHYLISOXAZOLE see: NY2774500ISOXAZOLE, 5-(2-(DIMETHYLAMINO)ACETAMIDO)-4-(2-ETHOXYETHYL)-3-METHYL-
5-(2-(DIMETHYLAMINO)ACETAMIDO)-4-(2-METHOXYETHYL)-3-METHYLISOXAZOLE see: NY2774600ISOXAZOLE, 5-(2-(DIMETHYLAMINO)ACETAMIDO)-4-(2-METHOXYETHYL)-3-METHYL-
5-(2-(DIMETHYLAMINO)ACETAMIDO)-3-METHYLISOXAZOLE see: NY2774700 ISOXAZOLE, 5-(2-(DIMETHYLAMINO)ACETAMIDO)-3-METHYL-
5-(2-(DIMETHYLAMINO)ACETAMIDO)-3-METHYLISOTHIAZOLE see: NX8155850 ISOTHIAZOLE, 5-(2-(DIMETHYLAMINO)ACETAMIDO)-3-METHYL-
DIMETHYLAMINO ACETIC ACID DODECYLAMIDE CHLOROBENZYLATE see: BO7525000
DIMETHYLAMINOACETONITRILE see: AL9450000
2-DIMETHYLAMINOACETONITRILE (DOT) see: AL9450000
N',N'-DIMETHYL-4'-AMINO-N-ACETYL-N-MONOMETHYL-4-AMINOAZOBENZENE see: AE2250000
10-(DIMETHYLAMINOACETYL)PHENOTHIAZINE see: SO9240000
10-(DIMETHYLAMINO)ACETYL-10H-PHENOTHIAZINE see: SO9240000
1-((DIMETHYLAMINO)ACETYL)-2-((o-(p-TOLUAMIDO)PHENYL)OXALYL)HYDRAZINE see: MV2635000
DIMETHYLAMINOAETHANOL (German) see: KK6125000
beta-DIMETHYLAMINO-AETHYL-BENZHYDRYL-AETHER (German) see: KR6825000
N-(4-((1-(DIMETHYLAMINO)-AETHYLIDEN)AMINO)PHENYL)-2-METHOXYACETAMID-HYDROCHLORID (German) see: AB7880000
N,N-DIMETHYL-beta-AMINOAETHYL-ISOTHIURONIUM DIHYDROCHLORID (German) see: UM3770000 see: UT0875000
5-(DIMETHYLAMINOAETHYL-OXYIMINO)-5H-DIBENZO(a,d)CYCLOHEPTA-1,4-DIEN HYDROCHLORID (German) see: HP1150000
1-DIMETHYLAMINOAETHYL-2-alpha-PYRIDYL-4-OXO-7-CHLORO-1,2,3,4-TETRACHINAZOLIN HCl (German) see: VA3117300
DIMETHYLAMINO-ANALGESINE see: CD2625000
9-(p-DIMETHYLAMINOANILINO)ACRIDINE see: AR9100000
DIMETHYLAMINOANTIPYRINE see: CD2625000
4-(DIMETHYLAMINO)ANTIPYRINE see: CD2625000
4-(DIMETHYLAMINO)ANTIPYRINE mixed with SODIUM NITRTE (1:1) see: CD2635000
3-(DIMETHYLAMINO)-3-AZASPIRO(5.5)UNDECANE HYDROCHLORIDE see: CM0229000
p-DIMETHYLAMINOAZOBENZEN (Czech) see: BX7350000
DIMETHYLAMINOAZOBENZENE see: BX7350000
N,N-DIMETHYL-p-AMINOAZOBENZENE see: BX7350000
N,N-DIMETHYL-4-AMINOAZOBENZENE see: BX7350000
4-(N,N-DIMETHYLAMINO)AZOBENZENE see: BX7350000
p-DIMETHYLAMINOAZOBENZENE see: BX7350000
2',3-DIMETHYL-4-AMINOAZOBENZENE see: XU8800000
4-DIMETHYLAMINOAZOBENZENE see: BX5020000
4-DIMETHYLAMINOAZOBENZENE see: BX7350000
4-DIMETHYLAMINOAZOBENZENE AMINE N-OXIDE see: BX7525000
p-(DIMETHYLAMINO)AZOBENZENE-o-CARBOXYLIC ACID see: DG8960000
4'-DIMETHYLAMINOAZOBENZENE-2-CARBOXYLIC ACID see: DG8960000
N,N-DIMETHYLAMINOAZOBENZENE-N-OXIDE see: BX7525000
4-DIMETHYLAMINOAZOBENZENE-4'-SULFONYL CHLORIDE see: DB8927800
4-DIMETHYLAMINOAZOBENZENE-4'-SULPHONIC ACID SODIUM SALT see: DB6327000
DIMETHYLAMINOAZOBENZOL see: BX7350000
p-DIMETHYLAMINO-AZOBENZOL (German) see: BX7350000
4-DIMETHYLAMINOAZOBENZOL see: BX7350000
DIMETHYLAMINOAZOPHENE see: CD2625000
p-(DIMETHYLAMINO)BENZALDEHYDE see: CU5775000
4-(DIMETHYLAMINO)BENZALDEHYDE see: CU5775000
1-(4-DIMETHYLAMINOBENZAL)INDENE see: NK8350000
(DIMETHYLAMINO)BENZENE see: BX4725000
3,4-DIMETHYLAMINOBENZENE see: ZE9450000
p-DIMETHYLAMINOBENZENEAZO-1-NAPHTHALENE see: BX7000000
p-DIMETHYLAMINOBENZENE-1-AZO-1-NAPHTHALENE see: BX7000000
p-DIMETHYLAMINOBENZENE-1-AZO-2-NAPHTHALENE see: BX7005000
4-DIMETHYLAMINOBENZENECARBONAL see: CU5775000
p-DIMETHYLAMINOBENZENE DIAZO SODIUM SULFONATE see: CZ1750000
p-DIMETHYLAMINOBENZENEDIAZOSODIUM SULPHONATE see: CZ1750000
p-(DIMETHYLAMINO)BENZENEDIAZOSULFONATE see: CZ1750000
p-DIMETHYLAMINOBENZENEDIAZOSULFONIC ACID, SODIUM SALT see: CZ1750000
4-DIMETHYLAMINOBENZENEDIAZOSULFONIC ACID, SODIUM SALT see: CZ1750000
p-(DIMETHYLAMINO)BENZENEDIAZOSULPHONATE see: CZ1750000
p-(DIMETHYLAMINO)BENZENEDIAZOSULPHONIC ACID, SODIUM SALT see: CZ1750000
4-DIMETHYLAMINOBENZENEDIAZOSULPHONIC ACID, SODIUM SALT see: CZ1750000
p-DIMETHYLAMINOBENZOLDIAZOSULFONAT (NATRIUMSALZ) (German) see: CZ1750000
4,4'-DIMETHYLAMINOBENZOPHENONIMIDE see: BY3500000
p-DIMETHYLAMINOBENZYLIDEN-1,2-BENZ-9-METHYL-ACRIDINE see: CU3550000
p-DIMETHYLAMINOBENZYLIDEN-3,4-BENZ-9-METHYLACRIDINE see: CU3525000
p-DIMETHYLAMINOBENZYLIDENE-3,4,5,6-DIBENZ-9-METHYLACRIDINE see: HN1850000
(4-DIMETHYLAMINOBENZYLIDENE)INDENE see: NK8350000
3,2'-DIMETHYL-4-AMINOBIPHENYL see: DU9100000
3,3'-DIMETHYL-4-AMINOBIPHENYL see: DU9275000
4-DIMETHYLAMINOBIPHENYL see: DU9090000
2',3-DIMETHYL-4-AMINOBIPHENYL see: DU9100000
2,3'-DIMETHYL-4-AMINOBIPHENYL HYDROCHLORIDE see: DU9471000
4-(DIMETHYLAMINO)-3-BIPHENYLOL see: DV7025000
DIMETHYLAMINO-BIS(1-AZIRIDINYL)PHOSPHINE OXIDE see: SZ5825000
10-DIMETHYLAMINO-BORNAN-2-exo-OL see: ED6651000
10-DIMETHYLAMINO-2-BORNANONE see: ED6836000
3-(4-(DIMETHYLAMINO)BUTYL)-1-PHENYLINDOLE see: NL7312000
1-(2-(DIMETHYLAMINO)BUTYRYL)-3-(p-ETHOXYPHENYL)UREA see: YS9873000 UREA, 1-(2-(DIMETHYLAMINO)BUTYRYL)-3-(p-ETHOXYPHENYL)-
N-DIMETHYL AMINO-beta-CARBAMYL PROPIONIC ACID see: WM9625000
3-(((DI(METHYLAMINO)CARBONYL)AMINO)PHENYL-1,1-DIMETHYLETHYL)CARBAMATE see: EY9980000
(DIMETHYLAMINO)CARBONYL CHLORIDE see: FD4200000
p-DIMETHYLAMINO-CARVACROL-DIMETHYL-URETHANE METHIODIDE see: BP3323500
3-beta-(DIMETHYLAMINO)CON-5-ENINE HYDROCHLORIDE see: GK7621100
4-DIMETHYLAMINO-3-CRESYL METHYLCARBAMATE see: FC0175000
(DIMETHYLAMINO)CYCLOHEXANE see: GX1198000
N,N-DIMETHYLAMINOCYCLOHEXANE see: GX1198000
1-(DIMETHYLAMINO)CYCLOHEXANECARBONITRILE see: GU7490000
7-DIMETHYLAMINO-6-DEMETHYL-6-DEOXYTETRACYCLINE see: QI7630000
2-DIMETHYLAMINO-6-DIETHYLENIMIDOPHOSPHAMIDO-7-METHYLPURINE see: SZ5827000
2-(DIMETHYLAMINO)-1,4-DIHYDRO-3(2H)-ISOQUINOLINONE MONOHYDROCHLORIDE see: NX6037300
1,4-DIMETHYLAMINO-5,8-DIHYDROXYANTHRAQUINONE see: CB6870000
1-(DIMETHYLAMINO)-2-((DIMETHYLAMINO)METHYL)-2-BUTANOL BENZOATE see: EL2350000
4-(DIMETHYLAMINO)-3-((DIMETHYLAMINO)METHYLENE)-1,3-DIHYDRO-2H-1,5-BENZODIAZEPIN-2-ONE see: DF2378200
2-(DIMETHYLAMINO)-1,1-DIMETHYLETHYL BENZILATE see: DD3155000
4-(DIMETHYLAMINO)-3,5-DIMETHYLPHENOL METHYLCARBAMATE (ester) see: FC0700000
4-(DIMETHYLAMINO-3,5-DIMETHYLPHENYL ACETYLMETHYLCARBAMATE see: EY8350000
4-(DIMETHYLAMINO)-3,5-DIMETHYLPHENYL N-METHYLCARBAMATE see: FC0700000
4-DIMETHYLAMINO-2,3-DIMETHYL-1-PHENYL-3-PYRAZOLIN-5-ONE see: CD2625000
4-DIMETHYLAMINO-2,3-DIMETHYL-1-PHENYL-5-PYRAZOLONE see: CD2625000
3-DIMETHYLAMINO-N,N-DIMETHYLPROPIONAMIDE see: UE3850000
3-DIMETHYLAMINO-1,2-DIMETHYLPROPYL p-AMINOBENZOATE HYDROCHLORIDE see: EL2625000
2-(DIMETHYLAMINO)-5,6-DIMETHYL-4-PYRIMIDINYLDIMETHYLCARBAMATE see: EZ9100000
3,2'-DIMETHYL-4-AMINODIPHENYL see: DU9100000
3,3'-DIMETHYL-4-AMINODIPHENYL see: DU9275000
3-DIMETHYLAMINO-1,1-DIPHENYLBUTANE HYDROBROMIDE see: UI2560000
3-DIMETHYLAMINO-1,1-DIPHENYL-n-BUTYL CYANIDE HYDROCHLORIDE see: YV8400000
4-DIMETHYLAMINO-2,2-DIPHENYLBUTYRAMIDE see: ES4330600
4-DIMETHYLAMINO-2,2-DIPHENYLBUTYRAMIDE ETHYL BROMIDE see: BP0694200
4-DIMETHYLAMINO-2,2-DIPHENYLBUTYRONITRILE OXALATE see: ET9802000
6-(DIMETHYLAMINO)-4,4-DIPHENYL 2,5-DIMETHYLHEXAN-3-ONE HYDROBROMIDE see: MP3416000
3-DIMETHYLAMINO-1-(2,5-DIPHENYL-3-FURYL)-1-PROPANONE HYDROCHLORIDE see: UC1797000
(3S,6S)-(-)-6-(DIMETHYLAMINO)-4,4-DIPHENYL-3-HEPTANOL ACETATE (ester) HYDROCHLORIDE see: MJ3680000 3-HEPTANOL, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, ACETATE (ester), HYDROCHLORIDE,(3S,6S)-(-)-
(S)-6-(DIMETHYLAMINO)-4,4-DIPHENYL-3-HEPTANONE see: MJ6000000
1-DIMETHYLAMINO-3,3-DIPHENYLHEPTAN-4-ONE HYDRIODIDE see: MJ6050000
6-DIMETHYLAMINO-4,4-DIPHENYL-3-HEPTANONE HYDROCHLORIDE see: MJ6300000
dl-6-DIMETHYLAMINO-4,4-DIPHENYL-3-HEPTANONE HYDROCHLORIDE see: MJ6130000
l-6-DIMETHYLAMINO-4,4-DIPHENYL-3-HEPTANONE HYDROCHLORIDE see: MJ6475000
1-DIMETHYLAMINO-3,3-DIPHENYL-4-HEXANONE HYDROCHLORIDE see: MP1750000
5-DIMETHYLAMINO-3,3-DIPHENYL-2-HEXANONE HYDROCHLORIDE see: MP1720000
6-DIMETHYLAMINO-4,4-DIPHENYL-3-HEXANONE HYDROCHLORIDE see: MP1750000
p,p-DIMETHYLAMINODIPHENYLMETHANE see: BY5250000
alpha-4-DIMETHYLAMINO-1,2-DIPHENYL-3-METHYL-2-BUTANOL PROPIONATE see: EL2975000
N-(4-(DIMETHYLAMINO)-2,2-DIPHENYL-3-METHYLBUTYL)ACETAMIDE HYDROBROMIDE see: AB7790000ACETAMIDE, N-(4-(DIMETHYLAMINO)-2,2-DIPHENYL-3-METHYLBUTYL)-, HYDROBROMIDE
4-DIMETHYLAMINO-2,2-DIPHENYL-3-METHYL-BUTYRONITRILE HYDROBROMIDE see: ET9720000
1-DIMETHYLAMINO-3,3-DIPHENYL-2-METHYLHEPTAN-4-ONE HYDROCHLORIDE see: MJ7176000
6-DIMETHYLAMINO-4,4-DIPHENYL-2-METHYL-3-HEPTANONE NITRATE see: MJ7177000
6-DIMETHYLAMINO-4,4-DIPHENYL-2-METHYLHEXAN-3-ONE HYDROBROMIDE see: MP1940000
6-DIMETHYLAMINO-4,4-DIPHENYL-5-METHYL-3-HEXANONE NITRATE see: MP3405000
5-DIMETHYLAMINO-3,3-DIPHENYL-4-METHYLPENTAN-2-ONE HYDROBROMIDE see: SA8583000
2-DIMETHYLAMINO-4,4-DIPHENYL-5-NONANONE HYDROCHLORIDE see: RA8249000
7-DIMETHYLAMINO-5,5-DIPHENYL-4-OCTANONE HYDROBROMIDE see: RH1490000
4-DIMETHYLAMINO-2,2-DIPHENYL PENTANOATE, ETHYL ESTER, HYDROCHLORIDE see: YV6489000
4-DIMETHYLAMINO-2,2-DIPHENYL PENTANOATE, ISOPROPYL ESTER, HYDROCHLORIDE see: YV6489400
4-DIMETHYLAMINO-2,2-DIPHENYL-PENTANOATE, METHYL ESTER HYDROCHLORIDE see: YV6489600
5-DIMETHYLAMINO-3,3-DIPHENYLPENTAN-2-ONE HYDROCHLORIDE see: SA8577000
2-(DIMETHYLAMINO)-N-(1,3-DIPHENYL-1H-PYRAZOL-5-YL)PROPANAMIDE see: UE3865000
N-(4-(DIMETHYLAMINO)-2,2-DIPHENYLPENTYL)ACETAMIDE HYDROBROMIDE see: AB7810000 ACETAMIDE, N-(4-(DIMETHYLAMINO)-2,2-DIPHENYLPENTYL)-, HYDROBROMIDE
4-(DIMETHYLAMINO)-2,2-DIPHENYLVALERAMIDE see: YV4400000
4-DIMETHYLAMINO-2,2-DIPHENYLVALERIC ACID ETHYL ESTER HYDROBROMIDE see: YV6488000
5-DIMETHYLAMINO-2,2-DIPHENYL-VALERIC ACID ETHYL ESTER HYDROCHLORIDE see: YV6489100
gamma-DIMETHYLAMINO-alpha,alpha-DIPHENYLVALERIC ACID HYDROGEN SULFATE see: YV6489300
4-DIMETHYLAMINO-2,2-DIPHENYLVALERIC ACID HYDROGEN SULFATE see: YV6489300
4-DIMETHYLAMINO-2,2-DIPHENYLVALERIC ACID METHYL ESTER HYDROBROMIDE see: YV6489500
4-DIMETHYLAMINO-2,2-DIPHENYLVALERONITRILE HYDROCHLORIDE see: YV8400000
4-DIMETHYLAMINO-2,2-DIPHENYL-VALEROPHENONE HYDROBROMIDE see: YV8934000
4-(DIMETHYLAMINO)-1,2-DITHIOLANE OXALATE see: JP0500000
DIMETHYLAMINOETHANOL see: KK6125000
N-DIMETHYLAMINOETHANOL see: KK6125000
N,N-DIMETHYLAMINOETHANOL see: KK6125000
beta-DIMETHYLAMINOETHANOL see: KK6125000
2-DIMETHYLAMINOETHANOL see: KK6125000

BEST COPY AVAILABLE

2-(DIMETHYLAMINO)ETHANOL see: KK6125000
2-DIMETHYLAMINOETHANOL p-ACETAMIDOBENZOATE see: KK6300000
DIMETHYLAMINOETHANOL ACETYL-L-GLUTAMATE see: LZ9800000
2-(DIMETHYLAMINO)ETHANOL N-ACETYLGLUTAMATE see: LZ9800000
2-(DIMETHYLAMINO)ETHANOL BITARTRATE see: KK6650000
2-DIMETHYLAMINOETHANOL 4-N-BUTYLAMINOBENZOATE HYDROCHLORIDE see: DG4900000
2-(DIMETHYLAMINO)ETHANOL compd. with 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8293000
2-DIMETHYLAMINOETHANOL CARBANILATE HYDROCHLORIDE see: KK6670000
beta-DIMETHYLAMINOETHANOL DIPHENYLMETHYL ETHER see: KR6825000
2-DIMETHYLAMINOETHANOL HYDROCHLORIDE see: KK6970000
2-(2-DIMETHYLAMINO)-ETHANOL HYDROGEN N-ACETYLGLUTAMATE see: LZ9800000
1-(DIMETHYLAMINOETHOXYACETAMIDO)ADAMANTANE HYDROCHLORIDE see: AB4310000
ortho-N-beta-DIMETHYLAMINOETHOXYBENZYL N-ETHYLANILINE (French) see: DP4531000
N-(o-(2-(DIMETHYLAMINO)ETHOXY)BENZYLIDENE)ANILINE see: BX4980000
ortho-N-beta-DIMETHYLAMINOETHOXY BENZYLIDENE ANILINE (French) see: BX4980000
1-(beta-DIMETHYLAMINOETHOXY)-3-n-BUTYLISOQUINOLINE HYDROCHLORIDE see: NW6950000
1-(beta-DIMETHYLAMINOETHOXY)-3-n-BUTYLISOQUINOLINE MONOHYDROCHLORIDE see: NW6950000
1-(2-DIMETHYLAMINOETHOXYCARBONYLMETHYL)-5-ETHYL-5-PHENYLBARBITURIC ACID HYDROCHLORIDE see: UV5309500 1(2H)-PYRIMIDINEACETIC ACID, TETRAHYDRO-5-ETHYL-5-PHENYL-2,4,6-TRIOXO-, 2-DIMETHYLAMINOETHYL ESTER, HYDROCHLORIDE
5-(2-(N,N-DIMETHYLAMINO)ETHOXY)CARVACROL ACETATE CITRATE see: FI1582000
5-(2-(N,N-DIMETHYLAMINO)ETHOXY)CARVACROL ACETATE HYDROCHLORIDE see: FI1600000
2-(2-DIMETHYLAMINOETHOXY)CHALCONE CITRATE see: FL7026000
2-(2-DIMETHYLAMINOETHOXY)-N,N-DIETHYLPROPYLAMINE DIMETHIODIDE see: BR8475000
erythro-p-(p-(2-(DIMETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLPHENETHYL)PHENOL see: SL1155000
p-(p-(2-(DIMETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLSTYRYL)PHENOL see: SL1156000
(2-DIMETHYLAMINOETHOXY)DIPHENYLACETIC ACID ETHYL ESTER see: AH1010000
alpha-(2-DIMETHYLAMINOETHOXY)DIPHENYLMETHANE see: KR6825000
2-(2-DIMETHYLAMINOETHOXY)ETHANOL see: KK6825000
7-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYL-10-PHENYLDIBENZO(b,f)THIEPIN see: HQ2634000
3-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYL-12-PHENYL-6H-DIBENZO(b,f)THIOCIN see: HQ3490000
p-(7-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYLDIBENZ(b,f)OXEPIN-10-YL)PHENOL see: SL1162000
p-(8-(2-(DIMETHYLAMINO)ETHOXY)-12-ETHYL-5,6-DIHYDRODIBENZO(a,e)CYCLOOCTEN-11-YL)PHENOL see: SL1163000
3-(2-(DIMETHYLAMINO)ETHOXY)-10-ETHYL-11-(4-HYDROXYPHENYL)DIBENZO(b,f)THIEPIN ETHYL ACETATE see: SL1160000
3-(2-(DIMETHYLAMINO)ETHOXY)-10-ETHYL-11-(4-HYDROXYPHENYL)DIBENZ(b,f)OXEPIN see: SL1162000
3-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYL-12-(4-HYDROXYPHENYL)-5,6-DIHYDRODIBENZO(a,e)CYCLOOCTENE see: SL1163000
2-(DIMETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)PROPIONAMIDE see: UE3865500PROPIONAMIDE, 2-(DIMETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-
2-(DIMETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYLBUTYRAMIDE see: ES4330800 BUTYRAMIDE, 2-(DIMETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYL-
o-(2-(DIMETHYLAMINO)ETHOXY)-N-ETHYL-N-PHENYLBENZYLAMINE see: DP4531000
3-(2-(DIMETHYLAMINO)ETHOXY)-10-ETHYL-11-PHENYLDIBENZ(b,f)OXEPINE see: HQ4160000
7-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYL-10-PHENYLDIBENZ(b,f)OXEPINE see: HQ4160000
7-(2-(DIMETHYLAMINO)ETHOXY)-4'-METHOXY-2-METHYLISOFLAVONE see: NR2326000
DIMETHYLAMINOETHOXY-METHYL-BENZYL-PYRIDINE SUCCINATE see: US9275000
2-(alpha-(2-(DIMETHYLAMINO)ETHOXY)-alpha-METHYLBENZYL)PYRIDINE see: US9250000
2-(alpha-(2-DIMETHYLAMINOETHOXY)-alpha-METHYLBENZYL)PYRIDINE SUCCINATE see: US9275000
6-(2-DIMETHYLAMINO-ETHOXY)-2-(5-NITRO-1-METHYL-2-IMIDAZOLYL)-METHYLENE)-1-TETRALON SULFATE see: QK4420000
5-(DIMETHYLAMINO)-1-(p-ETHOXYPHENYL)BARBITURIC ACID see: CQ4011000 BARBITURIC ACID, 5-(DIMETHYLAMINO)-1-(p-ETHOXYPHENYL)-
o-(2-(DIMETHYLAMINO)ETHOXY)-N-PHENYLBENZYLAMINE see: DP4532000
cis-1-(p-(2-(N,N-DIMETHYLAMINO)ETHOXY)PHENYL)-1,2-DIPHENYLBUT-1-ENE see: KR5919600
trans-1-(p-(2-(N,N-DIMETHYLAMINO)ETHOXY)PHENYL)-1,2-DIPHENYLBUT-1-ENE see: KR5919500
trans-1-(p-beta-DIMETHYLAMINOETHOXYPHENYL)-1,2-DIPHENYLBUT-1-ENE CITRATE see: KH2387000
2-DIMETHYLAMINOETHOXYPHENYLMETHYL-2-PICOLINE see: US9250000
2-DIMETHYLAMINOETHOXYPHENYLMETHYL-2-PICOLINE SUCCINATE see: US9275000
trans-4-(1-(4-(2-(DIMETHYLAMINO)ETHOXY)PHENYL)-2-PHENYL 1-BUTENYL)PHENOL see: SL1210000
5-(DIMETHYLAMINO)-1-(p-ETHOXYPHENYL)-2-THIOBARBITURIC ACID see: CQ4012000 BARBITURIC ACID,5-(DIMETHYLAMINO)-1-(p-ETHOXYPHENYL)-2-THIO-
N-(2-(DIMETHYLAMINO)ETHYL)ACETANILIDE FUMARATE see: AE2170000 ACETANILIDE, N-(2-(DIMETHYLAMINO)ETHYL)-, FUMARATE
N-(2-(DIMETHYLAMINO)ETHYL)-p-ACETOPHENETIDIDE FUMARATE see: AM4399000 p-ACETOPHENETIDIDE, N(2-(DIMETHYLAMINO)ETHYL)-, FUMARATE
beta-DIMETHYLAMINOETHYL ALCOHOL see: KK6125000
DIMETHYLAMINOETHYL 3-AMINO-4-BUTOXYBENZOATE HYDROCHLORIDE see: DG1502990
8-((2-DIMETHYLAMINOETHYL)AMINO)CAFFEINE METHIODIDE see: BQ2702020
2'-((2-(DIMETHYLAMINO)ETHYLAMINO)OXALYL)BENZANILIDE see: CV8630000
2-(DIMETHYLAMINO)ETHYL p-AMINOSALICYLATE see: VO1620000
4-(2-(N-(2-(DIMETHYLAMINO)ETHYL)ANILINO)ETHYL)PYRIDINE DIPICRATE see: US9600000
N-beta-DIMETHYLAMINOETHYLANILINO alpha-PHENYLACETATE d'ETHYLE (French) see: MB4920000
N-beta-DIMETHYLAMINOETHYLANILINO alpha-PHENYLACETATE de PROPYLE (French) see: MB4930000
N-(2-(DIMETHYLAMINO)ETHYL)BENZANILIDE FUMARATE see: CV8650000 BENZANILIDE, N-(2-(DIMETHYLAMINO)ETHYL)-, FUMARATE
beta-DIMETHYLAMINOETHYLBENZHYDRYL ETHER see: KR6825000
beta-DIMETHYLAMINOETHYL BENZHYDRYL ETHER HYDROCHLORIDE see: KR7000000
N-(2-(DIMETHYLAMINO)ETHYL)-p-BENZOPHENETIDIDE FUMARATE see: DI9944000 p-BENZOPHENETIDIDE, N(2-(DIMETHYLAMINO)ETHYL)-, FUMARATE
3-(2-(DIMETHYLAMINO)ETHYL)-2H-1,3-BENZOTHIAZINE-2,4(3H)-DIONE HYDROCHLORIDE see: DL0715300
alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL ALCOHOL CARBANILATE HYDROCHLORIDE see: DO4650000
1-(alpha-(2-DIMETHYLAMINOETHYL)BENZYL)-5-ETHYL-5-PHENYLBARBITURIC ACID HYDROCHLORIDE see: CQ4013000 BARBITURIC ACID, 1-(alpha-(2-DIMETHYLAMINOETHYL)BENZYL)-5-ETHYL-5-PHENYL-,HYDROCHLORIDE
2-(alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE, BIMALEATE see: UT0175000
2-(alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE, MALEATE see: UT0175000
beta-DIMETHYLAMINOETHYL p-BROMO-alpha-METHYLBENZHYDRYL ETHER HYDROCHLORIDE see: KQ8400000
DIMETHYLAMINOETHYL p-BUTYL-AMINOBENZOATE see: DG4725000
2-DIMETHYLAMINOETHYL p-BUTYLAMINOBENZOATE see: DG4725000
2-(DIMETHYLAMINO)ETHYL p-(BUTYLAMINO)BENZOATE HYDROCHLORIDE see: DG4900000
N-(2-(DIMETHYLAMINO)ETHYL)CARBANILIC ACID ETHYL ESTER see: FD8759550 CARBANILIC ACID, N-(2-(DIMETHYLAMINO)ETHYL)-, ETHYL ESTER
alpha-(2-DIMETHYLAMINOETHYL)-o-CHLOROBENZHYDROL HYDROCHLORIDE see: DC7600000
beta DIMETHYLAMINOETHYL (p-CHLORO-alpha-METHYLBENZHYDRYL) ETHER HYDROCHLORIDE see: KR2975000
DIMETHYLAMINOETHYL-p-CHLOROPHENOXYACETATE see: AG0430000
DIMETHYLAMINOETHYL-4-CHLOROPHENOXYACETIC ACID see: AG0430000
beta-DIMETHYLAMINOETHYL CUMATE HYDROCHLORIDE see: DH3143000
10-(2-(DIMETHYLAMINO)ETHYL)-5H-DIBENZ(b,f)AZEPINE see: HO1120000
10-(2-(DIMETHYLAMINO)ETHYL)-5H-DIBENZ(b,f)AZEPINE OXALATE see: HO1130000
2-DIMETHYLAMINOETHYL 2'-DIETHYLAMINOISOPROPYL ETHER BISMETHIODIDE see: BR8475000
beta-DIMETHYLAMINOETHYL beta'-DIETHYLAMINO-alpha'-METHYLETHYL ETHER DIMETHIODIDE see: BR8475000
2-DIMETHYLAMINOETHYL-N'-N'-DIETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UM2600000PSEUDOUREA, 1,3-DIETHYL-2-(2-(DIMETHYLAMINO)ETHYL)-2-THIO-, DIHYDROBROMIDE
3-DIMETHYLAMINOETHYL-3,4-DIHYDRO-1,3-BENZOTHIAZINE-2,4-DIONE HYDROCHLORIDE see: DL0715300
2-DIMETHYLAMINOETHYL-N'-N'-DIMETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UM3860000PSEUDOUREA, 1,3-DIMETHYL-2-(2-(DIMETHYLAMINO)ETHYL)-2-THIO-, DIHYDROBROMIDE
DIMETHYLAMINOETHYL 7,9-DIMETHYL-2-OXO-1-OXA-3-AZASPIRO(4.5)DECANE-3-CARBOXYLATE FUMARATE see: RN7025000
DIMETHYLAMINOETHYL DIPHENYLETHOXY ACETATE HYDROCHLORIDE see: AH2790000
beta'-DIMETHYLAMINOETHYL-alpha,alpha-DIPHENYL-alpha-ETHOXYACETATE HYDROCHLORIDE see: AH2790000
N-(2-(DIMETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE ETHYL ESTER see: MB4920000
N-(2-DIMETHYLAMINOETHYL)-2,2-DIPHENYLGLYCINE ETHYL ESTER see: MB9890000
N-(2-(DIMETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE PROPYL ESTER see: MB4930000
DIMETHYLAMINOETHYL ESTER of p-CHLOROPHENOXYACETIC ACID HYDROCHLORIDE see: AG0440000
N-(2-DIMETHYLAMINOETHYL)-4-ETHOXYBENZAMIDINE DIHYDROCHLORIDE see: CV6185000
N-(2-(DIMETHYLAMINO)ETHYL)-2-ETHOXY-2,2-DIPHENYLACETAMIDE HYDROCHLORIDE see: AB7850000
5-(2-(DIMETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)BARBITURIC ACID HYDRATE (2:3) see: CQ4014000BARBITURIC ACID, 5-(2-(DIMETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)-, HYDRATE (2:3)
5-(2-(DIMETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)-2-THIOBARBITURIC ACID see: CQ4015000BARBITURIC ACID, 5-(2-(DIMETHYLAMINO)ETHYL)-1-(p-ETHOXYPHENYL)-2-THIO-
10-(2-(DIMETHYLAMINO)ETHYL)-5-ETHYL-5H-DIBENZ(b,f)AZEPINE see: HO1122000
10-(2-(DIMETHYLAMINO)ETHYL)-8-(ETHYLSULFONYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO1124000
10-(2-(DIMETHYLAMINO)ETHYL)-8-(ETHYLTHIO)-5-METHYL-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO1125000
1-(2-(DIMETHYLAMINO)ETHYL)-2-(p-FLUOROBENZOYL)PYRROLE MONOHYDROCHLORIDE see: OB1935000
2-DIMETHYLAMINOETHYL GENTISATE HYDROCHLORIDE see: LY3855000
10-(N-(2-(DIMETHYLAMINO)ETHYL)GLYCYL)PHENOTHIAZINE DIMALEATE see: SO5300000
N-(4-((1-(DIMETHYLAMINO)ETHYLIDENE)AMINO)PHENYL)-2-METHOXYACETAMIDE HYDROCHLORIDE see: AB7880000
4-(2-DIMETHYLAMINOETHYL)IMIDAZOLE see: NI4840000
3-(2-(DIMETHYLAMINO)ETHYL)-1H-INDOL-4-OL DIHYDROGEN PHOSPHATE ESTER see: NM3150000
3-2'-DIMETHYLAMINOETHYLINDOL-4-PHOSPHATE see: NM3150000
3-(2-DIMETHYLAMINOETHYL)INDOL-4-YL DIHYDROGEN PHOSPHATE see: NM3150000
N-(2-DIMETHYLAMINOETHYL)-4-ISOPROPOXYBENZAMIDINE see: CV6195000
DIMETHYLAMINOETHYL METHACRYLATE see: OZ4200000
N,N-DIMETHYLAMINOETHYL METHACRYLATE see: OZ4200000
beta-DIMETHYLAMINOETHYL METHACRYLATE see: OZ4200000
2-DIMETHYLAMINOETHYL METHACRYLATE see: OZ4200000
2-(DIMETHYLAMINO)ETHYL METHACRYLATE see: OZ4200000
DIMETHYLAMINOETHYL METHACRYLATE (DOT) see: OZ4200000
N-DIMETHYLAMINOETHYL-N-p-METHOXY-alpha-AMINOPYRIDINE MALEATE see: UT1225000
N-(2-DIMETHYLAMINOETHYL)-4-METHOXYBENZAMIDINE DIHYDROCHLORIDE see: CV6205000
N(sup 3)-(2-(DIMETHYLAMINO)ETHYL)-4-METHOXY-1,3-BENZENEDISULFONAMIDE HYDROCHLORIDE see: CZ9229000
1-(2-(DIMETHYLAMINO)ETHYL)-2-(o-METHOXYBENOZYL)PYRROLE MONOHYDROCHLORIDE see: OB1945000
alpha-(2-(DIMETHYLAMINO)ETHYL)-p-METHOXYBENZYL ALCOHOL CARBAMATE (ester) see: DO5200000
2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)-4-METHYLPYRIMIDINE see: UV8752000
4-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)QUINAZOLINE see: VA1380500
2-((2-(DIMETHYLAMINO)ETHYL)-(p-METHOXYBENZYL)AMINO)PYRIDINE see: UT0875000
2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)PYRIDINE BIMALEATE see: UT1225000
2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)-PYRIDINE MALEATE see: UT1225000
2-((2-DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)PYRIMIDINE see: UV8575000
2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXY-BENZYL)AMINO)-PYRIMIDINE HYDROCHLORIDE see: UV8750000
5-(2-(DIMETHYLAMINO)ETHYL)-1-(p-METHOXYPHENYL)-2-THIOBARBITURIC ACID HEMIHYDRATE see: CQ4016000 BARBITURIC ACID, 5-(2-(DIMETHYLAMINO)ETHYL)-1-(p-METHOXYPHENYL)-2-THIO-,HEMIHYDRATE
17-beta-((2-(DIMETHYLAMINO)ETHYL)METHYLAMINO)ANDROST-5-EN-3-beta-OL DIHYDROCHLORIDE see: BV8221000
1-(DIMETHYLAMINOETHYL-METHYL)AMINO-3-PHENYLINDOLE HYDROCHLORIDE see: NL7440000
1-(omega-DIMETHYLAMINOETHYLMETHYL)AMINO-3-PHENYLINDOLE HYDROCHLORIDE see: NL7440000
2-DIMETHYLAMINOETHYL 2-METHYLBENZHYDRYL ETHER HYDROCHLORIDE see: KR6300000
alpha-(2-(DIMETHYLAMINO)ETHYL)-p-METHYLBENZYL ALCOHOL CARBAMATE (ester) see: DO5250000
1-DIMETHYLAMINOETHYL-3-METHYL-6,8-DIAZAQUINOXALIN-2(1H)-ONE HYDROCHLORIDE see: UO3511000
10-(2-(DIMETHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE see: HO1128000
N-DIMETHYLAMINOETHYL-4-METHYL-4,7-ENDOXYPERHYDROISOINDOLE DIMETHONIUM CHLORIDE see: KC9930000
2-DIMETHYLAMINO-1-ETHYL-1-METHYLETHYL BENZOATE HYDROCHLORIDE see: EI2850000
alpha-(2-(DIMETHYLAMINO)ETHYL)-p-NITROBENZYL ALCOHOL CARBAMATE (ester) see: DO5270000
1-(2-(N,N-DIMETHYLAMINO)ETHYL)-4-METHYLPIPERAZINE see: TL6125000
8-(2-(DIMETHYLAMINO)ETHYL)-6-METHYLPTERIDIN-7(8)-ONE MONOHYDROCHLORIDE see: UO3511000
1-(2-(DIMETHYLAMINO)ETHYL)-3-METHYLPYRIDO(3,4-b)PYRAZIN-2(1H)-ONE see: UV1152360
4-(2-(DIMETHYLAMINO)ETHYL)-2-METHYLPYRIDO(2,3-b)PYRAZIN-3(4H)-ONE see: UV1152350
5-DIMETHYLAMINOETHYLOXYIMINO-5H-DIBENZO(a,d)CYCLOHEPTA-1,4-DIENE HYDROCHLORIDE see: HP1150000
p-(2-DIMETHYLAMINOETHYL)PHENOL HYDROCHLORIDE see: SL1225000
beta-DIMETHYLAMINOETHYL 2',6,2',6'-TETRAMETHYLBENZHYDRYL ETHER HYDROCHLORIDE see: KR6065000
N-DIMETHYLAMINOETHYLPHENOTHIAZINE HYDROCHLORIDE see: SO5425000
N-(beta-DIMETHYLAMINOETHYL)-PHENOTHIAZINE HYDROCHLORIDE see: SO5425000
N-(2-(DIMETHYLAMINO)ETHYL)-3-PHENYLBUTYRAMIDE see: ES4339500
N-(2-(DIMETHYLAMINO)ETHYL)-4-PHENYLBUTYRAMIDE see: ES4339510
alpha-(2-(DIMETHYLAMINO)ETHYL)-alpha-PHENYLCYCLOHEXANEACETAMIDE OXALATE see: GU6420000
(beta-DIMETHYLAMINOETHYL)-8-PHENYL-3(DIBENZO(b,f)ISOXAZOLO(4,5-d)5H-AZEPINE HCl (French) see: HP5394000

BEST COPY AVA

8-(2-(DIMETHYLAMINO)ETHYL)-3-PHENYL-8H-DIBENZO(b,f)ISOXAZOLO(4,5-d)AZEPINE HYDROCHLORIDE see: HP5394000
2-(DIMETHYLAMINOETHYL)-N'-PHENYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: UM3765000PSEUDOUREA, 2-(2-(DIMETHYLAMINO)ETHYL)-1-PHENYL-2-THIO-, DIHYDROBROMIDE
3-(2-(DIMETHYLAMINO)ETHYL)-1-PHENYLINDOLE see: NL7447500
2-(2-(DIMETHYLAMINO)ETHYL)-1-PHENYL-2-THIO-PSEUDOUREA DIHYDROBROMIDE see: UM3765000PSEUDOUREA, 2-(2-(DIMETHYLAMINO)ETHYL)-1-PHENYL-2-THIO-, DIHYDROBROMIDE
S-(2-(DIMETHYLAMINO)ETHYL)PSEUDOTHIOUREA DIHYDROCHLORIDE see: UM3770000
beta-DIMETHYLAMINOETHYL-2-PYRIDYLAMINOTOLUENE see: US2800000
beta-DIMETHYLAMINOETHYL-2-PYRIDYLBENZYLAMINE see: US2800000
N-(2-DIMETHYLAMINOETHYL)-N-2-PYRIDYL-3-THENYLAMINE see: UT1575000
2-(DIMETHYLAMINO)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE see: UV7714050
10-(N-(2-(DIMETHYLAMINO)ETHYL)SARCOSYL)PHENOTHIAZINE see: SO5450000
2-DIMETHYLAMINOETHYL SUCCINATE DIMETHOCHLORIDE see: GA2360000
2-((2-(DIMETHYLAMINO)ETHYL)-2-THENYLAMINO)PYRIDINE see: UT1400000
2-((2-DIMETHYLAMINOETHYL)-3-THENYLAMINO)PYRIDINE see: UT1575000
2-((2-(DIMETHYLAMINO)ETHYL)-2-THENYL-AMINO)PYRIDINE HYDROCHLORIDE see: UT1750000
2-((2-(DIMETHYLAMINO)ETHYL)-3-THENYL-AMINO)-PYRIDINE HYDROCHLORIDE see: UT1925000
2-((2-(DIMETHYLAMINO)ETHYL)THIO)BENZIMIDAZOLE DIHYDROBROMIDE see: DD8390000 BENZIMIDAZOLE,2-((2-(DIMETHYLAMINO)ETHYL)THIO-, DIHYDROBROMIDE
2-(2'-DIMETHYLAMINOETHYLTHIO)BENZIMIDAZOLINE BROMIDE HYDROBROMIDE see: DD8390000BENZIMIDAZOLE, 2-((2-(DIMETHYLAMINO)ETHYL)THIO-, DIHYDROBROMIDE
2-((2-(DIMETHYLAMINO)ETHYL)THIO)-2-IMIDAZOLINE DIHYDROBROMIDE see: NJ2640000 2-IMIDAZOLINE,2-((2-(DIMETHYLAMINO)ETHYL)THIO)-, DIHYDROBROMIDE
3-((2-(DIMETHYLAMINO)ETHYL)THIO)-5-PHENYL-as-TRIAZINE see: XY7369000
2-(2-(DIMETHYLAMINO)ETHYL)-2-THIOPSEUDOUREA DIHYDROCHLORIDE see: UM3770000
4-(2-(N-(2-(DIMETHYLAMINO)ETHYL)-m-TOLUIDINO)ETHYL)PYRIDINE DIPICRATE see: UT1933000
2-DIMETHYLAMINO-FLUOREN (German) see: LL5250000
N,N-DIMETHYL-2-AMINOFLUORENE see: LL5250000
2-DIMETHYLAMINOFLUORENE see: LL5250000
DIMETHYLAMINO FLUOROPHOSPHATE see: TB4700000
3-(DIMETHYLAMINO)-2'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME see: UU3879800
3-(DIMETHYLAMINO)-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME see: UU3879900
4-(DIMETHYLAMINO)-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME see: UU3880000
2-DIMETHYLAMINO-4-HYDROXY-5-n-BUTYL-6-METHYLPYRIMIDINE see: UW6025000
4-DIMETHYLAMINO-3-HYDROXYDIPHENYL see: DV7025000
2-(2-(DIMETHYLAMINO)-1-HYDROXYETHYL)DIBENZOFURAN HYDROCHLORIDE see: KK3580000
9-(DIMETHYLAMINO)-5-IMINO-10-METHYL-5H-BENZO(a)PHENOXAZINE HYDROCHLORIDE see: DJ1927000
N'-((DIMETHYLAMINO)IMINOMETHYL)-N-(2,6-DIMETHYLPHENYL)-N-METHYLUREA see: YS9990000
N-((DIMETHYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YS9993000
N-((DIMETHYLAMINO)IMINOMETHYL)-N'-(2-ETHYL-6-METHYLPHENYL)UREA HYDROCHLORIDE see: YS9994000
beta-(N,N-DIMETHYLAMINO)-2-ISOPROPYL-5-METHYLPHENETOLE see: SI7776000
3-(DIMETHYLAMINO)-4-ISOPROPYLPHENOL METHYLCARBAMATE (ester) HYDROCHLORIDE see: SL1875000
10-(3-DIMETHYLAMINOISOPROPYL)PHENOTHIAZINE HYDROCHLORIDE see: SO8225000
DIMETHYLAMINO-ISOPROPYL-PHENTHIAZIN (German) see: SO6825000
10-DIMETHYLAMINOISOPROPYL-2-PROPIONYLPHENOTHIAZINE MALEATE see: UC1935000
N-DIMETHYLAMINOISOPROPYLTHIOPHENYLPYRIDYLAMINE HYDROCHLORIDE see: UU8568000
5,8-DIMETHYLAMINOLEUCOQUINIZARIN see: CA7782500
6-DIMETHYLAMINO-9-(3'-(p-METHOXY-L-PHENYLALANYLAMINO)-beta-D-RIBOFURANOSYL)-PURINE see: AU7350000
5-(DIMETHYLAMINO)-1-(p-METHOXYPHENYL)-2-THIOBARBITURIC ACID see: CQ4017000 BARBITURIC ACID,5-(DIMETHYLAMINO)-1-(p-METHOXYPHENYL)-2-THIO-
2-(DIMETHYLAMINO)-N-(((METHYLAMINO)CARBONYL)OXY)-2-OXOETHANIMIDOTHIOIC ACID METHYL ESTER see: RP2300000
((DIMETHYLAMINO)(METHYLAMINO)METHYLENE)(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YT0010000
3-(DIMETHYLAMINO)-7-(METHYLAMINO)-PHENOTHIAZIN-5-IUM CHLORIDE see: SO5550000
4-(N,N-DIMETHYLAMINO)-3'-METHYLAZOBENZENE see: BX8250000
5-(m-((DIMETHYLAMINO)METHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HN9140000
5-(o-((DIMETHYLAMINO)METHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HN9140010
5-(p-((DIMETHYLAMINO)METHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HN9140020
alpha-((DIMETHYLAMINO)METHYL)BENZYL ALCOHOL p-AMINOBENZOATE (ester) HYDROCHLORIDE HYDRATE see: DO5400000
alpha-((DIMETHYLAMINO)METHYL)BENZYL ALCOHOL BENZOATE (ester) HYDROCHLORIDE see: DO5420000
alpha-((DIMETHYLAMINO)METHYL)BENZYL ALCOHOL o-ETHOXYBENZOATE (ester) HYDROCHLORIDE see: DO5428000
alpha-((DIMETHYLAMINO)METHYL)BENZYL ALCOHOL o-METHOXYBENZOATE (ester) HYDROCHLORIDE see: DO5428400
alpha-((DIMETHYLAMINO)METHYL)BENZYL ALCOHOL p-NITROBENZOATE (ester) HYDROCHLORIDE see: DO5428800
3-((DIMETHYLAMINO)METHYL)(1,1'-BIPHENYL)-4-OL see: DV7100000 (1,1'-BIPHENYL)-4-OL, 3-((DIMETHYLAMINO)METHYL)-
4-(DIMETHYLAMINO)-3-METHYL-2-BUTANOL p-AMINOBENZOATE (ester) see: EL2580000
4-(DIMETHYLAMINO)-3-METHYL-2-BUTANOL 4-AMINOBENZOATE (ester) HYDROCHLORIDE see: EL2625000
1-DIMETHYLAMINO)-2-METHYL-2-BUTANOL BENZOATE HYDROCHLORIDE see: EL2850000
2-DIMETHYLAMINO-4-METHYL-5-n-BUTYL-6-HYDROXYPYRIMIDINE see: UW6025000
alpha-4-DIMETHYLAMINO-3-METHYL-1,2-DIPHENYL-2-BUTANOLPROPIONATE see: EL2975000
4-(DIMETHYLAMINO)-3-METHYL-1,2-DIPHENYL-2-BUTANOL PROPIONATE see: EL2975000
d-4-DIMETHYLAMINO-3-METHYL-1,2-DIPHENYL-2-BUTANOL PROPIONATE HYDROCHLORIDE see: EL3000000
4-DIMETHYLAMINO-3-METHYL-1,2-DIPHENYL-2-PROPOXYBUTANE see: EL2975000
m-(((DIMETHYLAMINO)METHYLENE)AMINO)PHENYL METHYL CARBAMATE, HYDROCHLORIDE see: FC2800000
3-(((DIMETHYLAMINO)METHYLENE)AMINO)-2,4,6-TRIIODOHYDROCINNAMIC ACID CALCIUM SALT (2:1) see: MW5175000
3-((DIMETHYLAMINOMETHYLENE)AMINO)-2,4,6-TRIIODOHYDROCINNAMIC ACID SODIUM SALT see: MW5200000
16-DIMETHYLAMINOMETHYLENEANDROSTAN-3-beta-OL-17-ONE see: BV8047750
4-DIMETHYLAMINOMETHYLENE-6,7-DIMETHOXY-1,2,3,4-TETRAHYDROISOQUINOLINE-3-ONE see: NX6037220
16-((DIMETHYLAMINO)METHYLENE)-3-beta-HYDROXYANDROSTAN-17-ONE see: BV8047750
3-DIMETHYLAMINOMETHYLENEIMINOPHENYL-N-METHYLCARBAMATE, HYDROCHLORIDE see: FC2800000
N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)ACETANILIDE FUMARATE see: AE2196000 ACETANILIDE, N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-, FUMARATE
N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-p-ACETOPHENETIDIDE SALICYLATE see: AM4399200 p-ACETOPHENETIDIDE, N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-, SALICYLATE
N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)BENZANILIDE HYDROCHLORIDE see: CV8655000 BENZANILIDE, N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-, HYDROCHLORIDE
N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-p-BENZOPHENETIDIDE FUMARATE see: DI9945000 p-BENZOPHENETIDIDE, N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-, FUMARATE
N-(2-(DIMETHYLAMINO-1-METHYLETHYL)CARBANILIC ACID ETHYL ESTER see: FD8759700 CARBANILICACID, N-(2-(DIMETHYLAMINO-1-METHYLETHYL)-, ETHYL ESTER
(2-DIMETHYLAMINO-2-METHYL)ETHYL-N-DIBENZOPARATHIAZINE see: SO6825000
N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-2',6'-DIMETHYL-2-PHENYLACETANILIDE see: AE2195000
N-(2'-DIMETHYLAMINO-2'-METHYL)ETHYLPHENOTHIAZINE see: SO6825000
10-(2-(DIMETHYLAMINO)-2-METHYLETHYL)PHENOTHIAZINE see: SO6825000
N-(2'-DIMETHYLAMINO-2'-METHYL)ETHYLPHENOTHIAZINE HYDROCHLORIDE see: SO8225000
N-(beta-DIMETHYLAMINO-alpha-METHYLETHYL)PHENOTHIAZINE HYDROCHLORIDE see: SO5500000
s-alpha-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-alpha-PHENYLBENZENEETHANOL PROPIOATE HYDROCHLORIDE see: EL3000000
10-(2-DIMETHYLAMINO-2-METHYLETHYL)-10H-PYRIDO(3,2-b)(1,4)BENZOTHIAZINE HYDROCHLORIDE see: UU8568000
N-(2-DIMETHYLAMINO)-1-METHYLETHYL)-N-(2-THIENYL)PROPIONAMIDE PICRATE see: UF3866000
N-DIMETHYLAMINO-2-METHYLETHYL THIODIPHENYLAMINE see: SO6825000
8-((DIMETHYLAMINO)METHYL)-4'-FLUORO-7-METHOXY-3-METHYLFLAVONE see: LK8350000
2-((DIMETHYLAMINO)METHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7536400
3-DIMETHYLAMINOMETHYL-4-HYDROXYBIPHENYL see: DV7100000 (1,1'-BIPHENYL)-4-OL, 3-((DIMETHYLAMINO)METHYL)-
8-(DIMETHYLAMINO)METHYL-7-HYDROXYFLAVONE HYDROCHLORIDE see: LK8355000
8-((DIMETHYLAMINO)METHYL)-7-HYDROXY-4-METHYLCOUMARIN NICOTINATE (salt) see: GN6654000
8-((DIMETHYLAMINO)METHYL)-7-HYDROXY-4-METHYLCOUMARIN PICOLINATE (salt) see: GN6656000
8-((DIMETHYLAMINO)METHYL)-7-HYDROXY-4-PROPYLCOUMARIN NICOTINATE (salt) see: GN6657000
trans-2-((DIMETHYLAMINO)METHYLIMINO)-5-(2-(5-NITRO-2-FURYL)VINYL)-1,3,4-OXADIAZOLE see: RO0800000
3-(DIMETHYLAMINO)-7-(METHYLIMINO)-3H-PHENOTHIAZINE HYDROCHLORIDE see: SO5550000
2-(DIMETHYLAMINO)-N-(3-METHYL-5-ISOTHIAZOLYL)PROPIONAMIDE see: UE3868000 PROPIONAMIDE, 2-(DIMETHYLAMINO)-N-(3-METHYL-5-ISOTHIAZOLYL)-
2-(DIMETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYLBUTYRAMIDE see: ES4391000 BUTYRAMIDE, 2-(DIMETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-3-METHYL-
2-(DIMETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)PROPIONAMIDE see: UE3865600PROPIONAMIDE, 2-(DIMETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-
8-(DIMETHYLAMINOMETHYL)-7-METHOXY-3-METHYLFLAVONE see: LK8400000
8-((DIMETHYLAMINO)METHYL)-7-METHOXY-3-METHYL-2-PHENYLFLAVONE see: LK8400000
trans-2-(DIMETHYLAMINOMETHYL)-1-(m-METHOXYPHENYL)CYCLOHEXANOL HYDROCHLORIDE see: GV8940000
10-(DIMETHYLAMINOMETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO1170000
4-(DIMETHYLAMINO)-5-METHYL-2-(1-METHYLETHYL)PHENYL METHYLCARBAMATE see: FB9910000
2-((DIMETHYLAMINO)METHYL)-3-METHYLHEXAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7536600
5-DIMETHYLAMINOMETHYL-1-METHYLINDOLE see: NL7705200
1-(DIMETHYLAMINOMETHYL)-1-METHYLPROPYL BENZOATE HYDROCHLORIDE see: EL2850000
2-((DIMETHYLAMINO)METHYL)-3-METHYL-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7538700
2-((DIMETHYLAMINO)METHYL)-3-METHYL-3,4,5,6-TETRAHYDRO-1(2H)-PENTALENONE HYDROCHLORIDE see: RZ4295000
3-((DIMETHYLAMINO)METHYL)-1-METHYL-2,5,6-TRIBROMOINDOLE see: NL7706000
3-(DIMETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIMETHYL PHOSPHATE see: TC3850000
4-(DIMETHYLAMINO)-3-METHYLPHENOL METHYL CARBAMATE (ester) see: FC0175000
3-((DIMETHYLAMINO)METHYL)-1-PHENYLINDOLE see: NL7715500
(4-DIMETHYLAMINO-3-METHYL-PHENYL)N-METHYL-CARBAMAAT (Dutch) see: FC0175000
(4-DIMETHYLAMINO-3-METHYL-PHENYL)N-METHYL-CARBAMAT (German) see: FC0175000
(4-DIMETHYLAMINO-3-METHYL-PHENYL)N-METHYL-CARBAMATE see: FC0175000
(2-endo-3-exo)-3-((DIMETHYLAMINO)METHYL)-2-PHENYL-2-NORBORNANOL see: RB7565000
(2-endo,3-exo)-3-((DIMETHYLAMINO)METHYL)-2-PHENYL-2-NORBORNANOL ACETATE see: RB7565500
2-((DIMETHYLAMINO)METHYL)-3-PHENYL-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7538800
2-((DIMETHYLAMINO)METHYL)PROPIONIC ACID METHYL ESTER HYDROBROMIDE see: UF1935000
2-(DIMETHYLAMINO)-2-METHYLPROPYL BENZILATE see: DD3155000
N-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-2',6'-DIMETHYL-2-PHENYLACETANILIDE see: AE2198000
2-(DIMETHYLAMINO)-2-METHYLPROPYL DIPHENYLGLYCOLATE see: DD3155000
3-DIMETHYLAMINO-7-METHYL-1,2-(n-PROPYLMALONYL)-1,2-DIHYDRO-1,2,4-BENZOTRIAZINE see: UQ9835000
3-DIMETHYLAMINO-7-METHYL-1,2-(n-PROPYLMALONYL)-1,2-DIHYDRO-1,2,4-BENZOTRIAZINE DIHYDRATE see: UQ9840000
10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-3-METHOXYPHENOTHIAZINE see: SO6125050
10-(3'-DIMETHYLAMINO-2'-METHYL-1'-PROPYL)-3-METHOXYPHENOTHIAZINE see: SO6125050
10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)PHENOTHIAZINE-2-CARBONITRILE see: SN6950000
10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-PHENOTHIAZINE-2-CARBONITRILE MALEATE see: SN7000000
10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)PHENOTHIAZINE-5,5-DIOXIDE see: SO5775000
5-DIMETHYLAMINO-9-METHYL-2-PROPYL-1H-PYRAZOLO(1,2-a)(1,2,4)BENZOTRIAZINE-1,3(2H)-DIONE see: UQ9835000
(4-DIMETHYLAMINO-6-METHYL-2-PYRIMIDINYLTHIO)ACETHYDRAZIDE see: AH1280000
((4-(DIMETHYLAMINO)-6-METHYL-2-PYRIMIDINYL)THIO)ACETIC ACID HYDRAZIDE see: AH1280000
DIMETHYLAMINO-3 METHYL-1 1H,3H QUINAZOLIDINEDIONE-2,4 (French) see: VA1411150
3-(DIMETHYLAMINO)-1-METHYL-2,4(1H,3H)-QUINAZOLINEDIONE see: VA1411150
4-DIMETHYLAMINO-2'-METHYLSTILBENE see: WJ4723000
2-DIMETHYLAMINO-1-((METHYLTHIO)GLYOXAL O-METHYLCARBAMOYLMONOXIME see: RP2300000
3-DIMETHYLAMINO-6-METHYL-s-TRIAZOLO(4,3-b)PYRIDAZINE see: XZ5483500
p-(DIMETHYLAMINO)NITROSOBENZENE see: BX7175000
4-(DIMETHYLAMINO)NITROSOBENZENE see: BX7175000
1,3-DIMETHYL-4-AMINO-5-NITROSOURACIL see: YQ8780000
1-(4-DIMETHYLAMINO-2-OXOBUTYL)-5-ETHYL-5-PHENYLBARBITURIC ACID HYDROCHLORIDE see: CQ4018000BARBITURIC ACID, 1-(4-DIMETHYLAMINO-2-OXOBUTYL)-5-ETHYL-5-PHENYL-, HYDROCHLORIDE
DIMETHYLAMINOPHENAZON (German) see: CD2625000
DIMETHYLAMINOPHENAZONE see: CD2625000
4-DIMETHYLAMINOPHENAZONE see: CD2625000
DIMETHYLAMINOPHENOL see: SL1120000
p-(DIMETHYLAMINO)PHENOL see: SL1120000
4-(DIMETHYLAMINO)PHENOL see: SL1120000
m-(DIMETHYLAMINO)PHENOL METHIODIDE see: BR3500000
alpha-(2-(DIMETHYLAMINO)-1-PHENOXYETHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DO5430000
3-DIMETHYLAMINO-2-PHENOXY-PROPIOPHENONE HYDROCHLORIDE see: UH0947000

2-(DIMETHYLAMINO)-2-PHENYLACETAMIDE HYDROCHLORIDE see: AB7906500
alpha-(DIMETHYL-AMINO)-PHENYLACETAMID HYDROCHLORID (German) see: AB7906500
p-DIMETHYLAMINOPHENYLAMINE see: ST0875000
3-((p-DIMETHYLAMINO)PHENYL)AZO)BENZALDEHYDE see: CU5930000
4-DIMETHYLAMINOPHENYLAZOBENZENE see: BX7350000
4-(p-DIMETHYLAMINOPHENYLAZO)-BENZENEARSONIC ACID HYDROCHLORIDE see: CY4800000
p-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZENESULFONIC ACID SODIUM SALT see: DB6327000
p-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZENESULFONYL CHLORIDE see: DB8927800
4-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZIMIDAZOLE see: DD8575000
o-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZOIC ACID see: DG8960000
2-((4-DIMETHYLAMINO)PHENYLAZO)BENZOIC ACID see: DG8960000
5-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZOTHIAZOLE see: DL3849500
6-DIMETHYLAMINOPHENYLAZOBENZOTHIAZOLE see: DL3850000
6-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZOTHIAZOLE see: DL3850000
7-((p-(DIMETHYLAMINO)PHENYL)AZO)BENZOTHIAZOLE see: DL4025000
6-DIMETHYLAMINOPHENYLAZOBENZTHIAZOLE see: DL3850000
m-((p-DIMETHYLAMINOPHENYL)AZO)BENZYL ALCOHOL see: DO5435000
o-((p-DIMETHYLAMINOPHENYL)AZO)BENZYL ALCOHOL see: DO5435500
p-((p-DIMETHYLAMINOPHENYL)AZO)BENZYL ALCOHOL see: DO5435600
3-((p-DIMETHYLAMINO)PHENYLAZO)BENZYL ALCOHOL see: DO5435000
5-DIMETHYLAMINOPHENYLAZOINDAZOLE see: NK7920100
5-((p-(DIMETHYLAMINO)PHENYL)AZO)-1H-INDAZOLE see: NK7920100
6-((p-(DIMETHYLAMINO)PHENYL)AZO)-1H-INDAZOLE see: NK7920200
7-((p-(DIMETHYLAMINO)PHENYL)AZO)-1H-INDAZOLE see: NK7920300
5-((p-(DIMETHYLAMINO)PHENYL)AZO)ISOQUINOLINE see: NW9625000
4-((p-(DIMETHYLAMINO)PHENYL)AZO)-2,5-LUTIDINE 1-OXIDE see: OL0175000
4-((p-(DIMETHYLAMINO)PHENYL)AZO)-3,5-LUTIDINE 1-OXIDE see: OL0525000
4-((4-(DIMETHYLAMINO)PHENYL)AZO)-2,6-LUTIDINE 1-OXIDE see: OL0350000
4-((p-(DIMETHYLAMINO)PHENYL)AZO)-N-METHYLACETANILIDE see: AE2250000
5-((p-(DIMETHYLAMINO)PHENYL)AZO)-3-METHYLQUINOLINE see: VB5775000
5-((p-(DIMETHYLAMINO)PHENYL)AZO)-6-METHYLQUINOLINE see: VB5950000
5-((p-(DIMETHYLAMINO)PHENYL)AZO)-7-METHYLQUINOLINE see: VB6125000
5-((p-(DIMETHYLAMINO)PHENYL)AZO)-8-METHYLQUINOLINE see: VB6300000
4-((4-(DIMETHYLAMINO)PHENYL)AZO)-2-PICOLINE 1-OXIDE see: BX6650000
3'-(4-DIMETHYLAMINOPHENYL)AZOPYRIDINE see: UT2000000
5-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINALDINE see: UZ9800000
4-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOLINE see: VB5250000
5-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOLINE see: VB5425000
6-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOLINE see: VB5600000
4-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOLINE 1-OXIDE see: VB6475000
5-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOLINE 1-OXIDE see: VB6650000
6-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOLINE 1-OXIDE see: VB6825000
5-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOXALINE see: VD1980000
6-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOXALINE see: VD2000000
2-(DIMETHYLAMINO)-6-PHENYL-4H-1-BENZOPYRAN-4-ONE see: GB7994500
2-(DIMETHYLAMINO)-8-PHENYL-4H-1-BENZOPYRAN-4-ONE see: GB7994510
1-DIMETHYLAMINO-4-PHENYL-4-BENZOYLAMINOBUTANE HYDROCHLORIDE see: CV4597000
4-DIMETHYLAMINO-1-PHENYL-1-(p-CHLOROBENZOYLAMINO)BUTANE HYDROCHLORIDE see: CV2448800
2-(DIMETHYLAMINO)-6-PHENYLCHROMONE see: GB7994500
2-(DIMETHYLAMINO)-8-PHENYLCHROMONE see: GB7994510
dl-trans-2-DIMETHYLAMINO-1-PHENYL-CYCLOHEX-3-EN-trans-1-CARBONSAEUREAETHYLESTER HCl (German) see: GW4375000
dl-trans-2-DIMETHYLAMINO-1-PHENYL-CYCLOHEX-3-ENE-trans-CARBONIC ACID ETHYL ESTER HCl see: GW4375000
4-((DIMETHYLAMINO)PHENYL)DIAZENE SULFONIC ACID, SODIUM SALT see: CZ1750000
(4-(DIMETHYLAMINO)PHENYL)DIAZENESULPHONIC ACID, SODIUM SALT see: CZ1750000
2-(p-(DIMETHYLAMINO)PHENYL)-3,4-DIMETHYL-5-OCTYL-THIAZOLIUM IODIDE see: XJ7035000
2-(p-(DIMETHYLAMINO)PHENYL)-3,5-DIMETHYL-4-PHENYL-THIAZOLIUM IODIDE see: XJ7040100
DIMETHYLAMINOPHENYLDIMETHYLPYRAZOLIN see: CD2625000
4-DIMETHYLAMINO-1-PHENYL-2,3-DIMETHYLPYRAZOLONE see: CD2625000
(p-(DIMETHYLAMINO)PHENYL)(p-FLUOROPHENYL)OXOTELLURIUM see: CY0550000
2-p-DIMETHYLAMINOPHENYL-3-METHYL-4-ETHYL-2-THIAZOLINIUM PERCHLORATE see: XJ7011000
2-(p-DIMETHYLAMINOPHENYL)-3-METHYL-2-THIAZOLINIUM IODIDE see: XJ7011500
1-(4'-DIMETHYLAMINOPHENYL)-2-(1'-NAPHTHYL)-ETHYLENE see: BX7025000
3,8-DIMETHYLAMINO-6-PHENYLPHENANTHRIDINIUM METHIODIDE see: SF7946000
PHENANTHRIDINIUM, 3,8-BIS(DIMETHYLAMINO)-5-METHYL-6-PHENYL-, IODIDE
p-(DIMETHYLAMINO)PHENYLTHIOCYANATE see: BX8050000
1,1-DIMETHYLAMINOPROPAN-2-OL see: UB3150000
1,1-DIMETHYLAMINOPROPANOL-2 see: UB3150000
4-(2-(DIMETHYLAMINO)PROPIONAMIDO)ANTIPYRINE see: UE3090300
p-(2-(DIMETHYLAMINO)PROPIONAMIDO)BENZOIC ACID ETHYL ESTER HYDROCHLORIDE see: DG8968000BENZOIC ACID, p-(2-(DIMETHYLAMINO)PROPIONAMIDO)-, ETHYL ESTER, HYDROCHLORIDE
beta-DIMETHYLAMINOPROPIONITRILE see: UG1575000
3-(DIMETHYLAMINO)PROPIONITRILE see: UG1575000
ortho-N-gamma-DIMETHYLAMINOPROPOXYBENZYLANILINE (French) see: DP4533000
alpha-((2-(DIMETHYLAMINO)PROPOXY)METHYL)BENZYL ALCOHOL see: DO5438000
o-(3-(DIMETHYLAMINO)PROPOXY)-N-PHENYLBENZYLAMINE see: DP4533000
3-DIMETHYLAMINO-2-p-PROPOXYPHENOXY-PROPIOPHENONE HYDROCHLORIDE see: UH0953000
N-(3-(DIMETHYLAMINO)PROPYL)-p-ACETOPHENETIDIDE FUMARATE see: AM4399400 p-ACETOPHENETIDIDE,N-(3-(DIMETHYLAMINO)PROPYL)-, FUMARATE
10-(2-DIMETHYLAMINOPROPYL-(1)-4-AZAPHENTHIAZIN HYDROCHLORID (German) see: UU8568000
1-((3-(DIMETHYLAMINO)PROPYL)AMINO)-5,6,11-TRIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL see: UU8887000
2-(2-(N-(3-(DIMETHYLAMINO)PROPYL)ANILINO)ETHYL)-5-ETHYLPYRIDINE DIPICRATE see: UT2122000
10-(2-DIMETHYLAMINOPROPYL)-1-AZAPHENOTHIAZINE HYDROCHLORIDE see: UU8568000
3-(3-(DIMETHYLAMINO)PROPYL)-2H-1,3-BENZOTHIAZINE-2,4(3H)-DIONE HYDROCHLORIDE see: DL0715600
N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)ACETAMIDE HYDROCHLORIDE see: AB7911300
N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)BENZAMIDE HYDROCHLORIDE see: CV4597000
N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)-m-NITRO-BENZAMIDE HYDROCHLORIDE see: CV4597600
N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL)-p-TOLUAMIDE HYDROCHLORIDE see: XS4039000
N-(2-(DIMETHYLAMINO)PROPYL)CARBANILIC ACID ETHYL ESTER see: FD8759900 CARBANILIC ACID, N-(2(DIMETHYLAMINO)PROPYL)-, ETHYL ESTER
10-(3-DIMETHYLAMINOPROPYL)-2-CHLOROPHENOTHIAZINE MONOHYDROCHLORIDE see: SO1750000
10-(gamma-DIMETHYLAMINOPROPYL)-3-CHLOROPHENOTHIAZINE 9-OXIDE see: SO2275000 PHENOTHIAZINE,2-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-, SULFOXIDE
5-(DIMETHYLAMINOPROPYL)-10,11-DIHYDRO-5H-BENZO(2,3)PYRIDO(6,7-b)AZEPINE HYDROCHLORIDE see: UU7876400
3-DIMETHYLAMINOPROPYL-3,4-DIHYDRO-1,3-BENZOTHIAZINE-2,4-DIONE HYDROCHLORIDE see: DL0715600
1-(3-DIMETHYLAMINOPROPYL)-4,5-DIHYDRO-2,3,6,7-DIBENZAZEPINE see: HO1575000
5-(3-(DIMETHYLAMINO)PROPYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE see: HO1575000
5-(3-DIMETHYLAMINOPROPYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO1925000
5-(3-DIMETHYLAMINOPROPYL)-10,11-DIHYDRO-5H-DIBENZO(b,f)AZEPINE see: HO1575000
d,l-11-(3-DIMETHYLAMINOPROPYL)-6,11-DIHYDRODIBENZO(b,e)THIEPIN see: HQ2800000
9-(3-(DIMETHYLAMINO)PROPYL)-5,6-DIHYDRO-9H-PYRIDO(2,3-b)AZEPIN-8(7H)-ONE FUMARATE see: UU7876300
11-(3-(DIMETHYLAMINO)PROPYL)-6 11-DIHYDRO-5H-PYRIDO(2,3-b)(1)BENZAZEPINE HYDROCHLORIDE see: UU7876400
10-(3-(DIMETHYLAMINO)PROPYL)-9,9-DIMETHYLACRIDAN TARTRATE (1:1) see: AR9275000
N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYLBENZANILIDE see: CV8660000
N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYLCINNAMANILIDE see: GD7477000
N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2,2-DIPHENYLACETANILIDE see: AE2265000
N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2-ETHYLBUTYRANILIDE see: ES5241500
N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYLHYDROCINNAMANILIDE see: MW4930000
N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2-PHENYLACETANILIDE see: AE2268000
N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2-PHENYLBUTYRANILIDE see: ES5242000
N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2-PHENYLGLYCOLANILIDE see: MC3030000
1-(2-(DIMETHYLAMINO)PROPYL)-3,3-DIMETHYL-1-PHENYLUREA see: YT0056000 UREA, 1,1-DIMETHYL-3-(2-(DIMETHYLAMINO)PROPYL)-3-PHENYL-
N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYLPROPIONANILIDE see: UE4990000
N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-3,4,5-TRIMETHOXYCINNAMANILIDE see: GD7477500
3-DIMETHYLAMINOPROPYLDIPHENYLPHOSPHINE see: UI1561000
(3-(DIMETHYLAMINO)PROPYL)DIPHENYLPHOSPHINE OXIDE see: SZ0180400
(3-(DIMETHYLAMINO)PROPYL)DIPHENYLPHOSPHINE SULFIDE see: SZ2667000
N-(gamma-DIMETHYLAMINOPROPYL)-ortho,meta-DITOLYLAMINE (French) see: TX8031000
N-(3-(DIMETHYLAMINO)PROPYL)-4'-ETHOXYBENZANILIDE MALEATE see: DI9946000 p-BENZOPHENETIDIDE,N-(3-(DIMETHYLAMINO)PROPYL)-, MALEATE
4-(3-(DIMETHYLAMINO)PROPYL)-1-ETHYL-3-METHYL-1,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL see: NK9165000
4-(3-(DIMETHYLAMINO)PROPYL)-2-ETHYL-3-METHYL-2,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL see: NK9170000
4-(3-(DIMETHYLAMINO)PROPYL)-1-ETHYL-3-PHENYL-1,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL see: NK9175000
1-(2-(DIMETHYLAMINO)PROPYL)-2-(o-FLUOROBENZOYL)PYRROLE MONOHYDROCHLORIDE see: OB2820000
5-(3-(DIMETHYLAMINO)PROPYL)-6,7,8,9,10,11-HEXAHYDRO-5H-CYCLOOCT(b)INDOLE see: GY0350000
3-(3-(DIMETHYLAMINO)PROPYL)HYDANTOIN HYDROCHLORIDE see: MU0982000
(3-(DIMETHYLAMINO)PROPYL)HYDRAZINE DIHYDROCHLORIDE see: MV2704500
3-(3-(DIMETHYLAMINO)PROPYL)-5-(p-HYDROXYPHENYL)-2-THIOHYDANTOIN HYDROCHLORIDE see: MU0992100
3-(3-DIMETHYLAMINOPROPYLIDENE)-1,2-4,5-DIBENZOCYCLOHEPTA-1,4-DIENE see: HO9450000
5-(3'-DIMETHYLAMINOPROPYLIDENE)-DIBENZO-(a,d)(1,4)-CYCLOHEPTADIENE see: HO9275000
5-(3-DIMETHYLAMINOPROPYLIDENE)DIBENZO(a,d)(1,4)CYCLOHEPTADIENE HYDROCHLORIDE see: HO9450000
5-(3-DIMETHYLAMINOPROPYLIDENE)-5H-DIBENZO-(a,d)CYCLOHEPTENE HYDROCHLORIDE see: HP0875000
5-(gamma-DIMETHYLAMINOPROPYLIDENE)-5H-DIBENZO(a,d)-10,11-DIHYDROCYCLOHEPTENE see: HO9275000
11-DIMETHYLAMINO PROPYLIDENE 6H-DIBENZ(b,e)OXEPIN see: HQ4375000
5-(3-DIMETHYLAMINOPROPYLIDENE)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTATRIENE see: HO9275000
5-(gamma-DIMETHYLAMINOPROPYLIDENE)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE see: HO9275000
5-(3-DIMETHYLAMINOPROPYLIDENE)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE see: HO9275000
11-(3-DIMETHYLAMINOPROPYLIDENE)-6,11-DIHYDRODIBENZO(b,e)THIEPIN see: UI1555000
11-(3-DIMETHYLAMINOPROPYLIDENE)-6,11-DIHYDRODIBENZO(b,e)THIEPINE HYDROCHLORIDE see: HQ2975000
11-(3-DIMETHYLAMINO)PROPYLIDENE)-6,11-DIHYDRODIBENZ(b,e)OXEPIN HYDROCHLORIDE see: HQ4375000
11-(3-DIMETHYLAMINOPROPYLIDENE)-6,11-DIHYDRODIBENZ(b,e)OXIPIN see: HQ4300000
9-(3-DIMETHYLAMINOPROPYLIDENE)-10,10-DIMETHYL-9,10-DIHYDROANTHRACENE HYDROCHLORIDE see: CB0875000
3-(3-(DIMETHYLAMINO)PROPYL)-5-(5-IMIDAZOLYLMETHYL)-2-THIOHYDANTOIN DIHYDROCHLORIDE see: MU0982200
2,2'-(3-DIMETHYLAMINOPROPYLIMINO)BIBENZYL see: HO1575000
N-(gamma-DIMETHYLAMINOPROPYL)IMINODIBENZYL see: HO1575000
2,2'-(3-DIMETHYLAMINOPROPYLIMINO)DIBENZYL see: HO1575000
N-(gamma-DIMETHYLAMINOPROPYL)IMINODIBENZYL HYDROCHLORIDE see: HO1925000
N-(3-DIMETHYLAMINOPROPYL)IMINODIBENZYL HYDROCHLORIDE see: HO1925000
3-(3-(DIMETHYLAMINO)PROPYL)-5-ISOBUTYL-2-THIOHYDANTOIN see: MU0982300
3-(3-(DIMETHYLAMINO)PROPYL)-5-ISOPROPYL-2-THIOHYDANTOIN see: MU0982400
1-(3-(DIMETHYLAMINO)PROPYL)-2-(p-METHOXYBENZOYL)PYRROLE HYDROCHLORIDE see: OB2823000
1-(2-(DIMETHYLAMINO)PROPYL)-2-(o-METHOXYBENZOYL)PYRROLE MONOHYDROCHLORIDE see: OB2822000
1-(3-(DIMETHYLAMINO)PROPYL)-6-METHOXY-3-METHYL-2(1H)-QUINOXALINONE see: VD3645000
17-beta-((3-(DIMETHYLAMINO)-PROPYL)METHYLAMINO)ANDROST-5-EN-3-beta-OL DIHYDROCHLORIDE see: BV8225000
10-(3-(DIMETHYLAMINO)PROPYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE OXALATE see: HO2510000
11-(3-(DIMETHYLAMINO)PROPYL)-6-METHYL-6,11-DIHYDRODIBENZO(1,2,5)THIADIAZEPINE 5,5-DIOXIDE see: HQ1828000
3-(3-(DIMETHYLAMINO)PROPYL)-4-METHYLSYDNONE MONOHYDROCHLORIDE see: WU7676300
3-(3-(DIMETHYLAMINO)PROPYL)-5-(2-(METHYLTHIO)ETHYL)-2-THIOHYDANTOIN HYDROCHLORIDE see: MU0982500
3-(3-(DIMETHYLAMINO)PROPYL)-5-METHYL-2-THIOHYDANTOIN HYDROCHLORIDE see: MU0982600
1-(3-(DIMETHYLAMINO)PROPYL)-3-METHYL-6-(TRIFLUOROMETHYL)-2(1H)-QUINOXALINONE see: VD3646000
10-(3-(DIMETHYLAMINO)PROPYL)-alpha-(MORPHOLINOMETHYL)PHENOTHIAZINE-2-METHANOL see: SP0683000
10-(3-(DIMETHYLAMINO)PROPYL)-2-NITROBENZ(b,f)(1,4)OXAZEPIN-11(10H)-ONE HYDROCHLORIDE see: HQ4029500 DIBENZ(b,f)(1,4)OXAZEPIN-11(10H)-ONE, 10-(3-(DIMETHYLAMINO)PROPYL)-2-NITRO- MONOHYDROCHLORIDE
1-(3-(DIMETHYLAMINO)PROPYL)-5-OXO-2-THIOXO-4-IMIDAZOLINEACETIC ACID HYDROCHLORIDE see: NI8715000
N-DIMETHYLAMINOPROPYL OXYCARBONYLE-3 SPIROLACTONE CHLORHYDRATE (French) see: RP3675250
10-(2-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE see: SO6825000
10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE PHOSPHATE see: SO8650000
10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE see: SO7000000
10-(3-DIMETHYLAMINOPROPYL)PHENOTHIAZINE-3-ETHYLONE see: OB2275000
(DIMETHYLAMINO-2-PROPYL-10-PHENOTHIAZINE HYDROCHLORIDE (French) see: SO6825000
N-(2-DIMETHYLAMINOPROPYL-1)PHENOTHIAZINE HYDROCHLORIDE see: SO8225000
10-(2-DIMETHYLAMINOPROPYL)PHENOTHIAZINE HYDROCHLORIDE see: SO8225000
10-(2-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE MONOHYDROCHLORIDE see: SO8225000
1-(10-(3-DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL)-1-BUTANONE see: EL7880000
1-(10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL)-1-BUTANONE MALEATE see: EL7900000
1-(10-(3-(DIMETHYLAMINO)PROPYL)-10H-PHENOTHIAZIN-2-YL)ETHANONE see: OB2275000
10-(3-DIMETHYLAMINOPROPYL)PHENOTHIAZIN-3-YL METHYL KETONE see: OB2275000

BEST COPY AVAILABLE

10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL METHYL KETONE MALEATE (1:1) see: OB2450000
1-(10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL)-1-PROPANONE see: UC1934050
1-(10-(2-DIMETHYLAMINOPROPYL)-PHENOTHIAZIN-2-YL)-1-PROPANONE MALEATE see: UC1935000
1-(2-(DIMETHYLAMINO)PROPYL)-2-(PHENYLACETYL)PYRROLE CITRATE see: OB1221600
alpha-(2-(DIMETHYLAMINO)PROPYL)-alpha-PHENYLBENZENEACETAMIDE see: YV4400000
3-(3-(DIMETHYLAMINO)PROPYL)-1-PHENYLINDOLE see: NL7762000
3-(3-(DIMETHYLAMINO)PROPYL)-1-PHENYL-2-THIOHYDANTOIN HYDROCHLORIDE see: MU0982800
10-(2-DIMETHYLAMINOPROPYL)-2-PROPIONYLPHENOTHIAZINE MALEATE see: UC1935000
3-(3-(DIMETHYLAMINO)PROPYL)SYDNONE MONOHYDROCHLORIDE see: WU7676500
(gamma-DIMETHYLAMINOPROPYL)-1 TETRAHYDRO-2,3,4,5 1H-PYRIDO(3,2-b)AZEPINE HCl (French) see: UU7876100
5-(3-(DIMETHYLAMINO)PROPYL)-6,7,8,9-TETRAHYDRO-5H-PYRIDO(3,2-b)AZEPINE MONOHYDROCHLORIDE see: UU7876100
10-(2-DIMETHYLAMINOPROPYL)-9-THIA-1,10-DIAZAANTHRACENE HYDROCHLORIDE see: UU8568000
N-(2-(DIMETHYLAMINO)PROPYL)-N-(2-THIENYL)PROPIONAMIDE PICRATE see: UE3872000
N-(3-DIMETHYLAMINOPROPYL)-THIOCARBAMINSAEURE-S-AETHYLESTER-HYDROCHLORID (German) see: EZ8870000
2'-((3-(DIMETHYLAMINO)PROPYL)THIO)CINNAMANILIDE HYDROCHLORIDE see: GD7478000
3-(3-(DIMETHYLAMINO)PROPYL)-2-THIOHYDANTOIN HYDROCHLORIDE see: MU0982900
DIMETHYLAMINO-n-PROPYL-THIOPHENYLPYRIDYLAMINE see: UU8576000
3-(3-(DIMETHYLAMINO)PROPYL)-5-(TRIFLUOROMETHYL)-2-BENZOXAZOLINONE PICRATE see: DM5271530
10-(3-DIMETHYLAMINOPROPYL)-2-(TRIFLUOROMETHYL)PHENOTHIAZINE HYDROCHLORIDE see: SO8925000
1-((4-(DIMETHYLAMINO)PYRIDINIO)METHOXYMETHYL)-4-((HYDROXYIMINO)METHYL)PYRIDINIUM DICHLORIDE see: UU3880000
DIMETHYLAMINO-3 1H,3H QUINAZOLINEDIONE-2,4 (French) see: VA1411100
3-(DIMETHYLAMINO)-2,4(1H,3H)-QUINAZOLINEDIONE see: VA1411100
DIMETHYLAMINORHODANBENZOL see: BX8050000
4-DIMETHYLAMINOSTILBEN (German) see: WJ3850000
cis-4-DIMETHYLAMINOSTILBENE see: WJ4025000
N,N-DIMETHYL-4-AMINOSTILBENE see: WJ3850000
trans-p-(DIMETHYLAMINO)STILBENE see: WJ4000000
trans-4-DIMETHYLAMINOSTILBENE see: WJ4000000
4-DIMETHYLAMINO-trans-STILBENE see: WJ4000000
DIMETHYLAMINOSTOVAINE see: EL2350000
7-(p-(DIMETHYLAMINO)STYRYL)BENZ(c)ACRIDINE see: CU3525000
12-(p-DIMETHYLAMINO)STYRYLBENZ(a)ACRIDINE see: CU3550000
2-(p-(DIMETHYLAMINO)STYRYL)BENZOTHIAZOLE see: DL4200000
2-(4-DIMETHYLAMINOSTYRYL)BENZOTHIAZOLE see: DL4200000
4-(p-(DIMETHYLAMINO)STYRYL)-6,8-DIMETHYLQUINOLINE see: VB7175000
2-(4-N,N-DIMETHYLAMINOSTYRYL)QUINOLINE see: VB7000000
4-(p-(DIMETHYLAMINO)STYRYL)QUINOLINE see: VB7000000
4-(4-DIMETHYLAMINOSTYRYL)QUINOLINE see: VB7000000
4-(p-(DIMETHYLAMINO)STYRYL)QUINOLINE, MONOHYDROCHLORIDE see: VB7350000
DIMETHYLAMINOSUCCINAMIC ACID see: WM9625000
N-(DIMETHYLAMINO)SUCCINAMIC ACID see: WM9625000
N-DIMETHYLAMINO-SUCCINAMIDSAEURE (German) see: WM9625000
O-(4-((DIMETHYLAMINO)SULFONYL)PHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TF7650000
cis-2-DIMETHYLAMINO-1,2,3,4-TETRAHYDRO-1-NAPHTHOL p-AMINOBENZOATE see: QL5390000
DIMETHYLAMINO-4-THIOCYANOBENZENE see: BX8050000
p-(DIMETHYLAMINO)THIOCYANOBENZENE see: BX8050000
p-N,N-DIMETHYLAMINOTHIOCYANOBENZENE see: BX8050000
4-DIMETHYLAMINOTHIOCYANOBENZENE see: BX8050000
p-DIMETHYLAMINO-THYMOL-DIMETHYL-URETHANE METHIODIDE see: BP3323510
4-((4-(DIMETHYLAMINO)-m-TOLYL)AZO)-2-PICOLINE 1-OXIDE see: TJ5950000
4-((4-(DIMETHYLAMINO)-m-TOLYL)AZO)-3-PICOLINE 1-OXIDE see: TJ6300000
4-((4-(DIMETHYLAMINO)-o-TOLYL)AZO)-2-PICOLINE 1-OXIDE see: TJ6125000
4-((4-(DIMETHYLAMINO)-o-TOLYL)AZO)-3-PICOLINE 1-OXIDE see: TJ6475000
5-((4-(DIMETHYLAMINO)-m-TOLYL)AZO)QUINOLINE see: VB7525000
5-((4-(DIMETHYLAMINO)-o-TOLYL)AZO)QUINOLINE see: VB7700000
4-(DIMETHYLAMINO)-m-TOLYL METHYLCARBAMATE see: FC0175000
S,S'-(2-(DIMETHYLAMINO)TRIMETHYLENE)BIS(BENZENETHIOSULFONATE) see: DB8000000
S,S'-(2-(DIMETHYLAMINO)TRIMETHYLENE)BIS(THIOCARBAMATE) HYDROCHLORIDE see: FD1225000
5-DIMETHYLAMINO-1,3,3-TRIPHENYL-2-HEXANONE HYDROCHLORIDE see: MP3415000
4-DIMETHYLAMINOTRIPHENYLMETHAN (German) see: BX5480000
4-DIMETHYLAMINOTRIPHENYLMETHANE see: BX5480000
3-DIMETHYLAMINO-1,1,2-TRIS(4-METHOXYPHENYL)-1-PROPENE HYDROCHLORIDE see: BA7350000
5-DIMETHYLAMINO-1,2,3-TRITHIANE HYDROGENEOXALATE see: YL8300000
5-DIMETHYLAMINOTRYPTAMINE DIHYDROCHLORIDE see: NL4055000
4-DIMETHYLAMINO-3,5-XYLENOL see: ZE7250000
4-(DIMETHYLAMINO)-3 5-XYLENOL, METHYLCARBAMATE (ester) see: FC0700000
4-((4-(DIMETHYLAMINO)-2,3-XYLYL)AZO)PYRIDINE 1-OXIDE see: UT2275000
4-((4-(DIMETHYLAMINO)-2,5-XYLYL)AZO)PYRIDINE 1-OXIDE see: UT2450000
4-((4-(DIMETHYLAMINO)-3,5-XYLYL)AZO)PYRIDINE 1-OXIDE see: UT2625000
4-DIMETHYLAMINO-3,5-XYLYL METHYLCARBAMATE see: FC0700000
4-DIMETHYLAMINO-3,5-XYLYL N-METHYLCARBAMATE see: FC0700000
4-(N,N-DIMETHYLAMINO)-3,5-XYLYL N-METHYLCARBAMATE see: FC0700000
DIMETHYLAMMONIUM CHLORIDE see: IQ0220000
DIMETHYLAMMONIUM 2,4-DICHLOROPHENOXYACETATE see: AG8400000
N-((2-DIMETHYLAMMONIUM)ETHYL)-4,5,6,7-TETRACHLOROISOINDOLINIUM DIMETHOCHLORIDE see: NR3675000
1,3-DIMETHYLAMYLAMINE see: SC0800000
DI(4-METHYL-2-AMYL) MALEATE see: OM9950000
2,3-DIMETHYL ANILIDE of PHTHALIC ACID see: TH8480000 PHTHALANILIC ACID, 2',3'-DIMETHYL-
DIMETHYLANILINE see: ZE8575000
DIMETHYLANILINE see: BX4725000
N,N-DIMETHYLANILINE see: BX4725000
2,3-DIMETHYLANILINE see: ZE8750000
2,4-DIMETHYLANILINE see: ZE8925000
2,5-DIMETHYLANILINE see: ZE9100000
2,6-DIMETHYLANILINE see: ZE9275000
3,4-DIMETHYLANILINE see: ZE9450000
3,5-DIMETHYLANILINE see: ZE9625000
N,N-DIMETHYL-p-ANILINEDIAZOSULFONIC ACID SODIUM SALT see: CZ1750000
N,N-DIMETHYLANILINE (DOT) see: BX4725000
2,4-DIMETHYLANILINE HYDROCHLORIDE see: ZF0175000
2,5-DIMETHYLANILINE HYDROCHLORIDE see: ZF0350000
2,5-DIMETHYL ANILINE HYDROCHLORIDE see: ZF0350000
N,N-DIMETHYLANILINE METHIODIDE see: BT2450000
6,12-DIMETHYLANTHANTHRENE see: HO7010000
DIMETHYLANTHRACENE see: CA9680000 ANTHRACENE, DIMETHYL-
9,10-DIMETHYLANTHRACENE see: CA9685000
DIMETHYL ANTHRANILATE see: CB3500000
DIMETHYLARSENIC ACID see: CH7525000
DIMETHYLARSENIC ACID SODIUM SALT TRIHYDRATE see: CH7890000
DIMETHYLARSINE OXIDE see: CH8150000
DIMETHYLARSINIC ACID see: CH7525000
DIMETHYLARSINIC ACID SODIUM SALT TRIHYDRATE see: CH7890000
DIMETHYL ARSINIC SULFIDE see: CH8600000
((DIMETHYLARSINO)OXY)SODIUM-As-OXIDE see: CH7700000
2,2-DIMETHYLAZIRIDINE see: CM6888000
N,N-DIMETHYL-1-AZIRIDINECARBOXAMIDE see: CM6764900
N,N-DIMETHYL-p-AZOANILINE see: BX7350000
2,3'-DIMETHYLAZOBENZENE see: CN2400000
3,6'-DIMETHYLAZOBENZENE see: CN2400000
2,3'-DIMETHYLAZOBENZENE-4'-METHYLCARBONATE see: FG1820000
N,N'-DIMETHYL-4,4'-AZODIACETANILIDE see: AE2295000
7,9-DIMETHYLBENZ(c)ACRIDINE see: CU3480000
7,10-DIMETHYLBENZ(c)ACRIDINE see: CU3485000
7,11-DIMETHYLBENZ(c)ACRIDINE see: CU3490000
8,12-DIMETHYLBENZ(a)ACRIDINE see: CU3510000
1,10-DIMETHYL-5,6-BENZACRIDINE see: CU3510000
1,10-DIMETHYL-7,8-BENZACRIDINE (French) see: CU3490000
2,10-DIMETHYL-7,8-BENZACRIDINE (French) see: CU3485000
3,10-DIMETHYL-7,8-BENZACRIDINE (French) see: CU3480000
5,7-DIMETHYL-1,2-BENZACRIDINE see: CU3500000
6,9-DIMETHYL-1,2-BENZACRIDINE see: CU3485000
DIMETHYLBENZ(a)ANTHRACENE see: CW3850000
1,7-DIMETHYL BENZ(a)ANTHRACENE see: CW4075000
1,12-DIMETHYLBENZ(a)ANTHRACENE see: CW2450000
4,5-DIMETHYLBENZ(a)ANTHRACENE see: CW2625000
6,7-DIMETHYLBENZ(a)ANTHRACENE see: CW2800000
6,8-DIMETHYLBENZ(a)ANTHRACENE see: CW2975000
6,12-DIMETHYLBENZ(a)ANTHRACENE see: CW3325000
7,11-DIMETHYLBENZ(a)ANTHRACENE see: CW3675000
7,12-DIMETHYLBENZ(a)ANTHRACENE see: CW3850000
7,12-DIMETHYLBENZ(a)ANTHRACENE-d16 see: CW4025000
7,12-DIMETHYLBENZ(a)ANTHRACENE, deuterated see: CW4025000
9,10-DIMETHYL-BENZANTHRACENE see: CW3850000
9,10-DIMETHYLBENZ(a)ANTHRACENE see: CW4375000
9,10-DIMETHYLBENZ(a)ANTHRACENE see: CW3850000
DIMETHYLBENZANTHRACENE see: CW3850000
1',9-DIMETHYL-1,2-BENZANTHRACENE see: CW2450000
3,4'-DIMETHYL-1,2-BENZANTHRACENE see: CW2625000
4,9-DIMETHYL-1,2-BENZANTHRACENE see: CW3325000
4,10-DIMETHYL-1,2-BENZANTHRACENE see: CW2800000
5,6-DIMETHYL-1,2-BENZANTHRACENE see: CW4100000
6,7-DIMETHYL-1,2-BENZANTHRACENE see: CW4375000
8,8-DIMETHYL-1,2-BENZANTHRACENE see: CW2975000
7,12-DIMETHYLBENZANTHRANCENE see: CW3850000
8,10-DIMETHYL-1,2-BENZANTHRACENE see: CW3675000
9,10-DIMETHYL-1,2-BENZANTHRACENE see: CW3850000
9,10-DIMETHYL-1,2-BENZANTHRACENE-BovA-D42 CONJUGATE see: ED9640930
7,12-DIMETHYLBENZ(a)ANTHRACENE-8-CARBONITRILE see: CW1225000
7,12-DIMETHYLBENZ(a)ANTHRACENE-3,4-DIOL see: CW4635000
7,12-DIMETHYLBENZ(a)ANTHRACENE-3,9-DIOL see: CW4636000
7,12-DIMETHYLBENZ(a)ANTHRACENE-3,9-DIOL DIACETATE (ester) see: CW4636200
7,12-DIMETHYLBENZANTHRACENE-7,12-ENDO-alpha,beta-SUCCINIC ACID see: KJ4950000
9,10-DIMETHYL-1,2-BENZANTHRACENE-3-BovA-D27 CONJUGATE see: ED9640900
9,10-DIMETHYL-1,2-BENZANTHRACENE-3-HSA-42 CONJUGATE see: MT2584000
7,12-DIMETHYLBENZ(a)ANTHRACENE 5,6-OXIDE see: CW1820000
9,10-DIMETHYL-1,2-BENZANTHRACENE-9,10-OXIDE see: CW1835000
7,12-DIMETHYLBENZ(a)ANTHRACEN-3-OL see: CX5035000
9,10-DIMETHYL-1,2-BENZANTHRAZEN (German) see: CW3850000
DIMETHYLBENZANTHRENE see: CW3850000
O,O-DIMETHYL-S-(BENZAZIMINOMETHYL) DITHIOPHOSPHATE see: TE1925000
2,2-DIMETHYL-1,3-BENZDIOXOL-4-YL N-METHYLCARBAMATE see: FC1140000
N,N-DIMETHYLBENZENEAMINE see: BX4725000
2,3-DIMETHYLBENZENAMINE see: ZE8750000
2,4-DIMETHYLBENZENAMINE see: ZE8925000
2,5-DIMETHYLBENZENAMINE see: ZE9100000
2,6-DIMETHYLBENZENAMINE see: ZE9275000
3,5-DIMETHYLBENZENAMINE see: ZE9625000
2,4-DIMETHYLBENZENAMINE HYDROCHLORIDE see: ZF0175000
2,5-DIMETHYLBENZENAMINE HYDROCHLORIDE see: ZF0350000
DIMETHYLBENZENE see: ZE2100000
m-DIMETHYLBENZENE see: ZE2275000
o-DIMETHYLBENZENE see: ZE2450000
p-DIMETHYLBENZENE see: ZE2625000
1,2-DIMETHYLBENZENE see: ZE2450000
1,3-DIMETHYLBENZENE see: ZE2275000
1,4-DIMETHYLBENZENE see: ZE2625000
DIMETHYL 1,2-BENZENEDICARBOXYLATE see: TI1575000
DIMETHYL 1,4-BENZENEDICARBOXYLATE see: WZ1225000
alpha,alpha-DIMETHYLBENZENEMETHANOL see: DO4562000
alpha,4-DIMETHYLBENZENEMETHANOL (9CI) see: DO4565000
DIMETHYL BENZENEORTHODICARBOXYLATE see: TI1575000
alpha,alpha-DIMETHYLBENZENEPROPANOIC ACID see: MW5158000
3,3'-DIMETHYLBENZIDIN see: DD1225000
3,3'-DIMETHYLBENZIDINE see: DD1225000
N,N-DIMETHYL-4(4'-BENZIMIDAZOLYLAZO)ANILINE see: DD8575000
N,N-DIMETHYL-p-(4-BENZIMIDAZOLYLAZO)ANILINE see: DD8575000
DIMETHYLBENZIMIDAZOYLCOBAMIDE see: GG3750000
5,6-DIMETHYLBENZIMIDAZOLYLCOBAMIDE CYANIDE see: GG3750000
7,12-DIMETHYLBENZO(a)ANTHRACENE see: CW3850000
6,12-DIMETHYLBENZO(1,2-b:5,4-b')BIS(1)BENZOTHIOPHENE see: DE6430000
2,2-DIMETHYL-1,3-BENZODIOXOL-4-OL METHYLCARBAMATE see: FC1140000
2,2-DIMETHYLBENZO-1,3-DIOXOL-4-YL METHYLCARBAMATE see: FC1140000
6,12-DIMETHYLBENZO(1,2-b:4,5-b')DITHIONAPHTHENE see: DE6380000
N,N-DIMETHYL-p-(5-BENZOFURYLAZO)ANILINE see: BW7500000
N,N-DIMETHYL-p-(7-BENZOFURYLAZO)ANILINE see: BW7570000
7,13-DIMETHYLBENZO(b)PHENANTHRO(3,2-d)THIOPHENE see: DI9875000
1,2-DIMETHYLBENZO(a)PYRENE see: DJ5075000
1,3-DIMETHYLBENZO(a)PYRENE see: DJ5076000
1,4-DIMETHYLBENZO(a)PYRENE see: DJ5077000
1,6-DIMETHYLBENZO(a)PYRENE see: DJ5078000
2,3-DIMETHYLBENZO(a)PYRENE see: DJ5080000
3,6-DIMETHYLBENZO(a)PYRENE see: DJ5082000
3,12-DIMETHYLBENZO(a)PYRENE see: DJ5083000
4,5-DIMETHYLBENZO(a)PYRENE see: DJ5085000
2,3-DIMETHYL-p-BENZOQUINONE see: DK4790000
5,6-DIMETHYL-2,1,3-BENZOSELENODIAZOLE see: DK7400000
1-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)-3-METHYL-4-PIPERIDONE HYDROCHLORIDE see: TO0116700

BEST COPY AVAILABLE

1-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)-3-PHENYL-2-PIPERAZINONE OXALATE see: TM3407960
1-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)-2-PYRROLIDINONE HYDROCHLORIDE see: UY5764000
7-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)THEOPHYLLINE see: XH5108000
7-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)THEOPHYLLINE see: XH5120000
O,O-DIMETHYL-S-(1,2,3-BENZOTRIAZINYL-4-KETO)METHYL PHOSPHORODITHIOATE see: TF1925000
DI(2-METHYLBENZOYL) PEROXIDE see: XV1660400
1,4-DIMETHYL-2,3-BENZPHENANTHRENE see: CW3850000
2,5-DIMETHYLBENZSELENAZOL (Czech) see: DK7525000
N,N-DIMETHYL-p-(6-BENZTHIAZOLYLAZO)ANILINE see: DL3850000
N,N-DIMETHYL-p-(7-BENZTHIAZOLYLAZO)ANILINE see: DL4025000
N,N-DIMETHYL-4(6'-BENZTHIAZOLYLAZO)ANILINE see: DL3850000
N,N-DIMETHYL-4(7'-BENZTHIAZOLYLAZO)ANILINE see: DL4025000
4,9-DIMETHYL-2,3-BENZTHIOPHANTHRENE see: DI2350000
alpha,alpha-DIMETHYLBENZYL ALCOHOL see: DO4562000
p,alpha-DIMETHYLBENZYL ALCOHOL see: DO4565000
DIMETHYLBENZYLAMINE see: DP4500000 BENZYLAMINE, N,N-DIMETHYL-
N,N-DIMETHYLBENZYLAMINE see: DP4500000
N,N-DIMETHYLBENZYLAMINE HEXAFLUOROARSENATE see: DP4650000
DIMETHYLBENZYLCARBINOL see: SG8050000
DIMETHYLBENZYL CARBINOL ACETATE see: SG8100000
DIMETHYLBENZYLCARBINYL BUTYRATE see: ET0130000
DIMETHYLBENZYLCARBINYL PROPIONATE see: DA0512000
N-DIMETHYL-N-BENZYL-N-CHLORO-N'-DODECYLGLYCINAMIDE see: BO7525000
2,4-DIMETHYLBENZYLCHRYSANTHEMUMATE see: GZ1455000
2,4-DIMETHYLBENZYL 2,2-DIMETHYL-3-(2-METHYLPROPENYL)CYCLOPROPANECARBOXYLATE see: GZ1455000
4-alpha,alpha-DIMETHYLBENZYL-alpha,alpha'-DIPIPERIDINO-2,6-XYLENOL DIHYDROBROMIDE see: SJ7800000
2,4-DIMETHYLBENZYL ESTER of cis,trans-CHRYSANTHEMUMIC ACID see: GZ1455000
N,N'-DI(alpha-METHYLBENZYL)ETHYLENEDIAMINE see: KV2800000
alpha,alpha-DIMETHYLBENZYL HYDROPEROXIDE see: MX2450000
2,2'-((alpha,p-DIMETHYLBENZYLIDENE)DITHIO)BIS(1-PROPYLAMINE) see: UI1480000 1-PROPYLAMINE,2,2'-((alpha,p-DIMETHYLBENZYLIDENE)DITHIO)BIS-
1-(alpha,alpha-DIMETHYLBENZYL)-3-METHYL-3-PHENYLUREA see: YT0051000
DIMETHYLBENZYLOCTADECYLAMMONIUM CHLORIDE see: BO7000000
o-(alpha,alpha-DIMETHYLBENZYL)PHENOL see: SL1942400
p-(alpha,alpha-DIMETHYLBENZYL)PHENOL see: SL1942450
N,N-DIMETHYL-N'-BENZYL-N'-(alpha-PYRIDYL)ETHYLENEDIAMINE see: US2800000
DIMETHYL cis-BICYCLO(2.2.1)-5-HEPTENE-2,3-DICARBOXYLATE see: RB8925000
6,6-DIMETHYLBICYCLO-(3.1.1)-2-HEPTENE-2-ETHANOL see: RC8870000
6,6-DIMETHYLBICYCLO(3.1.1)-2-HEPTENE-2-ETHYL ACETATE see: RC8880000
DIMETHYLBIGUANIDE see: DU1790000
N,N-DIMETHYLBIGUANIDE see: DU1790000
1,1-DIMETHYLBIGUANIDE see: DU1790000
DIMETHYLBIGUANIDE HYDROCHLORIDE see: DU1800000
1,1-DIMETHYLBIGUANIDE HYDROCHLORIDE see: DU1800000
3,2'-DIMETHYL-4-BIPHENYLAMINE see: DU9100000
3,3'-DIMETHYL-4-BIPHENYLAMINE see: DU9275000
2,3'-DIMETHYL-4-BIPHENYLAMINE HYDROCHLORIDE see: DU9471000
3,3'-DIMETHYL-4,4'-BIPHENYLDIAMINE see: DD1225000
3,3'-DIMETHYLBIPHENYL-4,4'-DIAMINE see: DD1225000
1,1'-DIMETHYL-4,4'-BIPYRIDINIUM BIS(METHOSULFATE) see: DW2275000
N,N'-DIMETHYL-4,4'-BIPYRIDINIUM DICHLORIDE see: DW2275000
N,N'-DIMETHYL-4,4'-BIPYRIDYLIUM DICHLORIDE see: DW2275000
1,1'-DIMETHYL-4,4'-BIPYRIDYNIUM DICHLORIDE see: DW2275000
1,1'-DIMETHYL-4,4'-BIPYRIDYNIUM DIMETHYLSULFATE see: DW2010000
2,5-DIMETHYL-2,5-BIS-(tert-BUTYLPEROXY)HEXANE, max. concentration 52% with inert solid (DOT) see: MO1837000
2,5-DIMETHYL-2,5-BIS-(tert-BUTYLPEROXY)HEXYNE-3, max. concent. 52% with inert solid (DOT) see: MQ9760000
DIMETHYL 1,3-BIS(CARBOMETHOXY)-1-PROPEN-2-YL PHOSPHATE see: LZ9450000
O,O-DIMETHYL S-(1,2-BIS(ETHOXYCARBONYL)ETHYL)DITHIOPHOSPHATE see: WM8400000
O,O-DIMETHYL-S-1,2-BIS(ETHOXYCARBONYL)ETHYL PHOSPHOROTHIOATE see: WM8410000
DIMETHYL BIS(p-HYDROXYPHENYL)METHANE see: SL6300000
5,5-DIMETHYL-1,3-BIS(OXIRANYLMETHYL)-2,4-IMIDAZOLIDINEDIONE see: MT9190500
N,N-DIMETHYL-(2-BROMAETHYL)-HYDRAZINIUMBROMID (German) see: MW0333500
O,O-DIMETHYL O-(4-BROMO-2,5-DICHLOROPHENYL) PHOSPHOROTHIOATE see: TE7175000
N,N-DIMETHYL-(2-BROMOETHYL)HYDRAZIHIUM BROMIDE see: MW0333500
2,3-DIMETHYL-2,3-BUTANEDIOL see: EK1720000
2,3-DIMETHYLBUTANE (DOT) see: EJ9350000
3,3-DIMETHYLBUTANOL CARBAMATE see: EL3083600
2,2-DIMETHYL-1-BUTANOL CARBAMATE see: EL3083500
3,3-DIMETHYL-1-BUTANOL CARBAMATE see: EL3083600
1-(2-(1,3-DIMETHYL-2-BUTENYLIDENE)HYDRAZINO)PHTHALAZINE see: TH8890000
2,4-DIMETHYL-5-(4-BUTOXYBENZYL)PYRIMID-6-YLAMINOPHOSPHORIC ACID DIETHYLENIMIDE see: SZ5820600
1,3-DIMETHYLBUTYL ACETATE see: SA7525000
DI(3-METHYLBUTYL)ADIPATE see: AV1500000
1,3-DIMETHYL BUTYLAMINE see: EO4460000
1,3-DIMETHYLBUTYLAMINE (DOT) see: EO4460000
1,1-DIMETHYL-3-(3-N-tert-BUTYLCARBAMYLOXY)-PHENYL)UREA see: EY9980000
4,6-DIMETHYL-8-tert-BUTYLCOUMARIN see: GN4937900
2-((1,1-DIMETHYLBUTYL)DITHIO)ETHYLAMINE HYDROCHLORIDE see: KR5916500
2,2-DIMETHYLBUTYL ESTER of CARBAMIC ACID see: EL3083500
3,3-DIMETHYL-n-BUT-2-YL METHYLPHOSPHONOFLUORIDATE see: TA8750000
3,5-DIMETHYL-4-(4-BUTYL-5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER see: UX9359000
N-(1,3-DIMETHYLBUTYL)-N'-PHENYL-p-PHENYLENEDIAMINE see: ST1100000
O,O-DIMETHYL-(1-BUTYRYLOXY-2,2,2-TRICHLOROETHYL) PHOSPHONATE see: ET0175000
DIMETHYLCARBAMATE DE 5,5-DIMETHYL DIHYDRORESORCINOL (French) see: FA1500000
DIMETHYLCARBAMATE D'L-ISOPROPYL 3-METHYL 5-PYRAZOLYLE (French) see: FA2100000
DIMETHYLCARBAMIC ACID APORPHINE-10,11-DIYL ESTER see: EZ8932000
DIMETHYLCARBAMIC ACID CHLORIDE see: FD4200C00
DIMETHYLCARBAMIC ACID 1-((DIMETHYLAMINO)CARBONYL)-5-METHYL-1H-PYRAZOL-3-YL ESTER see: EZ9084000
DIMETHYLCARBAMIC ACID 2-(DIMETHYLAMINO)-5,6-DIMETHYL-4-PYRIMIDINYL ESTER see: EZ9100000
DIMETHYLCARBAMIC ACID ESTER with 3-HYDROXY-N,N,5-TRIMETHYLPYRAZOLE-1-CARBOXAMIDE see: EZ9084000
DIMETHYLCARBAMIC ACID 3-METHYL-1-(1-METHYLETHYL)-1H-PYRAZOL-5-YL ESTER see: FA2100000
DIMETHYLCARBAMIC ACID, 3-METHYL-1-PHENYLPYRAZOL-5-YL ESTER see: FA2450000
DIMETHYLCARBAMIC ACID 3-METHYL-1-PHENYL-1H-PYRAZOL-5-YL ESTER see: FA2450000
DIMETHYLCARBAMIC CHLORIDE see: FD4200000
DIMETHYLCARBAMIC ESTER of 3-OXYPHENYLTRIMETHYLAMMONIUM METHYLSULFATE see: CY1225000
DIMETHYLCARBAMIDOYL CHLORIDE see: FD4200000
DIMETHYLCARBAMODITHIOIC ACID, IRON COMPLEX see: NO8750000
DIMETHYLCARBAMODITHIOIC ACID, IRON(3 +) SALT see: NO8750000
DIMETHYLCARBAMODITHIOIC ACID 3-OXOBUTYL ESTER see: FD3810000
DIMETHYLCARBAMODITHIOIC ACID 3-OXO-3-PHENYLPROPYL ESTER see: FD3811000
DIMETHYLCARBAMODITHIOIC ACID, ZINC COMPLEX see: ZH0525000
DIMETHYLCARBAMODITHIOIC ACID, ZINC SALT see: ZH0525000
3-DIMETHYLCARBAMOXYPHENYL TRIMETHYL AMMONIUM BROMIDE see: BR3150000
3-(DIMETHYLCARBAMOXY)PHENYL TRIMETHYLAMMONIUM METHYL SULFATE see: CY1225000
1-(DIMETHYLCARBAMOYL)-3-tert-BUTYL-5-(METHYLTHIO)-1H-1,2,4-TRIAZOLE see: XZ4180000
DIMETHYLCARBAMOYL CHLORIDE see: FD4200000
N,N-DIMETHYLCARBAMOYL CHLORIDE see: FD4200000
N,N-DIMETHYLCARBAMOYL CHLORIDE (DOT) see: FD4200000
1-DIMETHYLCARBAMOYL-5-METHYL-3-PYRAZOLYL DIMETHYLCARBAMATE see: EZ9084000
2-DIMETHYLCARBAMOYL-3-METHYL-5-PYRAZOLYL DIMETHYLCARBAMATE see: EZ9084000
2-(DIMETHYLCARBAMOYL)-1-METHYLVINYL DIETHYL PHOSPHATE see: TC0650000
cis-2-DIMETHYLCARBAMOYL-1-METHYLVINYL DIMETHYLPHOSPHATE see: TC3850000
1-(DIMETHYLCARBAMYL)AZIRIDINE see: CM6764900
DIMETHYLCARBAMYL CHLORIDE see: FD4200000
N,N-DIMETHYLCARBAMYL CHLORIDE see: FD4200000
DIMETHYLCARBAMYL DIETHYLTHIOCARBAMYL SULFIDE see: EZ4800000
DIMETHYL 2-CARBAMYL-3-METHYLPYRAZOLYLDIMETHYLCARBAMATE see: EZ9084000
2-(N,N-DIMETHYLCARBAMYL)-3-METHYLPYRAZOLYL-5 N,N-DIMETHYLCARBAMATE see: EZ9084000
2,6-DIMETHYLCARBANILIC ACID 2-HYDROXY-3-PIPERIDINOPROPYL ESTER CARBANILATE HYDROCHLORIDE see: FD8802000
DIMETHYL CARBATE see: RB8925000
DIMETHYLCARBINOL see: NT8050000
alpha,alpha-DIMETHYL-alpha'-CARBOBUTOXY-DIHYDRO-gamma-PYRONE see: UP7000000
2,2-DIMETHYL-6-CARBOBUTOXY-2,3-DIHYDRO-4-PYRONE see: UP7000000
O,O-DIMETHYL S-(1-CARBOETHOXYBENZYL) DITHIOPHOSPHATE see: AI7875000
1,3-DIMETHYL-2-CARBOETHOXY-4-(2,3-EPOXYPROPOXY)INDOLE see: NL5998930
1,3-DIMETHYL-2-CARBOETHOXY-4-(2-HYDROXY-3-CYCLOHEXYLAMINOPROPOXY)-INDOLE HYDROCHLORIDE see: NL5998840
3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5 see: UX9359920
2,4-DIMETHYL-delta-CARBOLINE HYDROCHLORIDE see: UU9785000
O,O-DIMETHYL-O-(2-CARBOMETHOXY-1-METHYLVINYL) PHOSPHATE see: GQ5250000
DIMETHYL-1-CARBOMETHOXY-1-PROPEN-2-YL PHOSPHATE see: GQ5250000
DIMETHYL CARBONATE (DOT) see: FG0450000
DIMETHYLCELLOSOLVE see: KI1451000
O,O-DIMETHYL-O-3-CHLOR-4-NITROFENYLTIOFOSFAT (Czech) see: TE8050000
O,O-DIMETHYL-O-(3-CHLOR-4-NITROPHENYL)-MONOTHIOPHOSPHAT (German) see: TE8050000
7,11-DIMETHYL-10-CHLOROBENZ(c)ACRIDINE see: CU3425000
8,12-DIMETHYL-9-CHLOROBENZ(a)ACRIDINE see: CU3375000
1,10-DIMETHYL-2-CHLORO-5,6-BENZACRIDINE see: CU3375000
1,10-DIMETHYL-2-CHLORO-7,8-BENZACRIDINE (French) see: CU3425000
DIMETHYL 2-CHLORO-2-DIETHYLCARBAMOYL-1-METHYLVINYL PHOSPHATE see: TC2800000
O,O-DIMETHYL O-(2-CHLORO-2-(N,N-DIETHYLCARBAMOYL)-1-METHYLVINYL) PHOSPHATE see: TC2800000
DIMETHYLCHLOROETHER see: KN6650000
DIMETHYL(2-CHLOROETHYL)AMINE HYDROCHLORIDE see: KQ9020000
N, alpha-DIMETHYL-N-beta-CHLOROETHYL-PHENETHYLAMINE HYDROCHLORIDE see: SH1400000
O,O-DIMETHYL O-2-CHLORO-4-NITROPHENYL PHOSPHOROTHIOATE see: TE7875000
O,O-DIMETHYL O-(3-CHLORO-4-NITROPHENYL) PHOSPHOROTHIOATE see: TE8050000
DIMETHYL 3-CHLORO-4-NITROPHENYL THIONOPHOSPHATE see: TE8050000
O,O-DIMETHYL-O-(2-CHLORO-4-NITROPHENYL)THIONOPHOSPHATE see: TE7875000
DIMETHYL 2-CHLORONITROPHENYL THIOPHOSPHATE see: TE7875000
O,O-DIMETHYL O-(3-CHLORO-4-NITROPHENYL) THIOPHOSPHATE see: TE8050000
alpha,alpha-DIMETHYL-o-CHLOROPHENETHYLAMINE HYDROCHLORIDE see: SH1150000
alpha,alpha-DIMETHYL-p-CHLOROPHENETHYLAMINE HYDROCHLORIDE see: SH1225000
N,N-DIMETHYL-p-((m-CHLOROPHENYL)AZO)ANILINE see: BX5040000
N,N-DIMETHYL-p-((o-CHLOROPHENYL)AZO)ANILINE see: BX5050000
N,N-DIMETHYL-p-((p-CHLOROPHENYL)AZO)ANILINE see: BX5060000
O,O-DIMETHYL O-4-(4-CHLOROPHENYLAZO)PHENYL PHOSPHOROTHIOATE see: TE8100000
DIMETHYL p-CHLOROPHENYLTHIOMETHYL DITHIOPHOSPHATE see: TD5425000
O,O-DIMETHYL-S-(p-CHLOROPHENYLTHIOMETHYL)PHOSPHORODITHIOATE see: TD5425000
N,N-DIMETHYL-N'-(4-CHLOROPHENYL)UREA see: YS6300000
1,1-DIMETHYL-3-(p-CHLOROPHENYL)UREA see: YS6300000
DIMETHYL CHLOROTHIOPHOSPHATE (DOT) see: TD1830000
N,N-DIMETHYL-p-((4-CHLORO-m-TOLYL)AZO)ANILINE see: BX2100000
DIMETHYLCHLORTHIOFOSFAT (Czech) see: TD1830000
1,3-DIMETHYLCHOLANTHRENE see: FZ3400000
3,6-DIMETHYLCHOLANTHRENE see: FZ3412000
15,20-DIMETHYLCHOLANTHRENE see: FZ3400000
2,2-DIMETHYLCHROMANYL-8 N-METHYLCARBAMATE see: FC0875000
1,2-DIMETHYLCHRYSENE see: GC0875000
1,11-DIMETHYLCHRYSENE see: GC0895000
4,5-DIMETHYLCHRYSENE see: GC0970000
5,6-DIMETHYLCHRYSENE see: GC1050000
5,7-DIMETHYLCHRYSENE see: GC0895000
5,11-DIMETHYLCHRYSENE see: GC1080000
DIMETHYL CITRACONATE see: GE6700000
2,2-DIMETHYL-7-COUMARANYL N-METHYLCARBAMATE see: FB9450000
DIMETHYLCYANOARSINE see: CH2100000
O,O-DIMETHYL-O-(4-CYANO-PHENYL)-MONOTHIOPHOSPHAT (German) see: TF7600000
O,O-DIMETHYL-O-p-CYANOPHENYL PHOSPHOROTHIOATE see: TF7600000
O,O-DIMETHYL O-4-CYANOPHENYL PHOSPHOROTHIOATE see: TF7600000
O,O-DIMETHYL O-4-CYANOPHENYL THIOPHOSPHATE see: TF7600000
N,N-DIMETHYLCYCLOHEXANAMINE see: GX1198000
m-DIMETHYLCYCLOHEXANE see: GV0193000
o-DIMETHYLCYCLOHEXANE see: GV0190000
1,2-DIMETHYLCYCLOHEXANE see: GV0190000
1,3-DIMETHYLCYCLOHEXANE see: GV0193000
1,2-DIMETHYLCYCLOHEXANE (DOT) see: GV0190000
1,3-DIMETHYLCYCLOHEXANE (DOT) see: GV0193000
1,4-DIMETHYLCYCLOHEXANE (DOT) see: GV0200000
alpha,alpha-DIMETHYLCYCLOHEXANEETHYLAMINE see: GV1450000
N,beta-DIMETHYLCYCLOHEXANEETHYLAMINE HYDROCHLORIDE see: GV2100000
1,5-DIMETHYL-5-(1-CYCLOHEXENYL)BARBITURIC ACID see: CQ2625000
1,5-DIMETHYL-5-CYCLOHEXENYL-1'-BARBITURIC ACID, SODIUM SALT see: CQ2800000
N,N-DIMETHYLCYCLOHEXYLAMINE see: GX1198000
N,N-DIMETHYLCYCLOHEXYLAMINE (DOT) see: GX1198000
2-(2,4-DIMETHYLCYCLOHEXYLAMINO)-2-OXAZOLINE see: GX1200000
DIMETHYL-beta-CYCLOHEXYLETHYLAMINE HYDROCHLORIDE see: GV1570000
DIMETHYL-gamma-CYCLOHEXYLPROPYLAMINE HYDROCHLORIDE see: GV6810000
11,17-DIMETHYL-15H-CYCLOPENTA(a)PHENANTHRENE see: GY5670000
12,17-DIMETHYL-15H-CYCLOPENTA(a)PHENANTHRENE see: GY5675000
3,4-DIMETHYL-1,2-CYCLOPENTENOPHENANTHRENE see: GY5300000
DIMETHYL-beta-CYCLOPENTYLETHYLAMINE HYDROCHLORIDE see: GY4500000
DIMETHYLCYSTEINE see: YV9425000
beta,beta-DIMETHYLCYSTEINE see: YV9425000

BEST COPY AVAILABLE

9,10-DIMETHYL-DBA see: HN4200000
7,12-DIMETHYL-3,9-DIACETOXYBENZ(a)ANTHRACENE see: CW4636200
3,3'-DIMETHYL-N,N'-DIACETYLBENZIDINE see: DT2850000
3,5-DIMETHYL-4-DIALLYLAMINOPHENYL-N-METHYLCARBAMATE see: FB8400000
DIMETHYLDIAMINODIPHENYLMETHANE see: BY5275000
3,3'-DIMETHYL-4,4'-DIAMINODIPHENYLMETHANE see: BY5300000
asym-DIMETHYL-3,7-DIAMINOPHENAZATHIONIUM CHLORIDE see: SP5660000
O,O-DIMETHYL S-(4,6-DIAMINO-1,3,5-TRIAZINYL-2-METHYL) DITHIOPHOSPHATE see: TD5600000
O,O-DIMETHYL S-(4,6-DIAMINO-s-TRIAZIN-2-YLMETHYL)PHOSPHORODITHIOATE see: TD5600000
O,O-DIMETHYL S-(4,6-DIAMINO-1,3,5-TRIAZIN-2-YL)METHYL PHOSPHORODITHIOATE see: TD5600000
O,O-DIMETHYL S-(4,6-DIAMINO-1,3,5-TRIAZIN-2-YL)METHYL PHOSPHOROTHIOLOTHIONATE see: TD5600000
DIMETHYLDIAMINOXANTHENYL CHLORIDE see: ZD5500000
DIMETHYLDIARSINE SULFIDE see: CH9600000
1,5-DIMETHYL-1,5-D-DIAZAUNDECAMETHYLENE POLYMETHOBROMIDE see: MO1400000
7,14-DIMETHYLDIBENZ(a,h)ANTHRACENE see: HN4200000
9,10-DIMETHYL-1,2,5,6-DIBENZANTHRACENE see: HN4200000
DIMETHYL-N,5 SH-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French) see: HO2833000
DIMETHYL-N,N SH-DIBENZ(b,f)-10-ETHANAMINE (French) see: HO1120000
N,N-DIMETHYL-SH-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5),gamma-PROPYLAMINE see: HP0550000
N,N-DIMETHYL-5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5,gamma)-PROPYLAMINE HYDROCHLORIDE see: HP0875000
N,N-DIMETHYLDIBENZO(b,e)THIEPIN-delta-sup(11(6H),gamma)PROPYLAMINE see: UI1555000
N,N-DIMETHYLDIBENZO(b,e)THIEPIN-delta(sup 11(6H),gamma)-PROPYLAMINE HYDROCHLORIDE see: HQ2975000
4,9-DIMETHYL-2,3,5,6-DIBENZOTHIOPHENTHRENE see: DI9875000
N,N-DIMETHYLDIBENZ(b,e)OXEPIN-delta (sup 11(6H,gamma)-PROPYLAMINE HYDROCHLORIDE see: HQ4375000
2,5-DIMETHYL-2,5-DI-(BENZOYLPEROXY)HEXANE (DOT) see: SD9501500
2,5-DIMETHYL-2,5-DI-(BENZOYLPEROXY)HEXANE (DOT) see: SD9501600
DIMETHYL 1,2-DIBROMO-2,2-DICHLOROETHYL PHOSPHATE see: TB9450000
O,O-DIMETHYL-O-(1,2-DIBROMO-2,2-DICHLOROETHYL)PHOSPHATE see: TB9450000
2,5-DIMETHYL-2,5-DI(t-BUTYLPEROXY)HEXANE see: MO1835000
2,5-DIMETHYL-2,5-DI-(tert-BUTYLPEROXY)HEXANE, TECHNICALLY PURE (DOT) see: MO1835000
2,5-DIMETHYL-2,5-DI(t-BUTYLPEROXY)HEXYNE-3 see: MO9750000
2,5 DIMETHYL-2,5-DI-(tert-BUTYLPEROXY)HEXYNE-3, technically pure (DOT) see: MQ9750000
O,O-DIMETHYL-S-(1,2-DICARBETHOXYETHYL) DITHIOPHOSPHATE see: WM8400000
O,O-DIMETHYL S-(1,2-DICARBETHOXYETHYL)PHOSPHORODITHIOATE see: WM8400000
O,O-DIMETHYL-S-(1,2-DICARBETHOXY)ETHYL PHOSPHOROTHIOATE see: WM8410000
O,O-DIMETHYL S-(1,2-DICARBETHOXYETHYL) THIOTHIONOPHOSPHATE see: WM8400000
DIMETHYL-1,3-DI(CARBOMETHOXY)-1-PROPEN-2-YL PHOSPHATE see: LZ9450000
O,O-DIMETHYL-O-(2,5-DICHLOR-4-JODPHENYL)-MONOTHIOPHOSPHAT (German) see: TF0175000
O,O-DIMETHYL-O-(2,5-DICHLORO-4-BROMOPHENYL)PHOSPHOROTHIOATE see: TE7175000
O,O-DIMETHYL O-(2,5-DICHLORO-4-BROMOPHENYL) THIOPHOSPHATE see: TE7175000
O,O-DIMETHYL O-2,2-DICHLORO-1,2-DIBROMOETHYL PHOSPHATE see: TB9450000
DIMETHYL 2,2-DICHLOROETHENYL PHOSPHATE see: TC0350000
DIMETHYL-1,1'-DICHLOROETHER see: KN1575000
O,O-DIMETHYL-O-2,5-DICHLORO-4-IODOPHENYL THIOPHOSPHATE see: TF0175000
O,O-DIMETHYL O-(2,6-DICHLORO-4-METHYLPHENYL)PHOSPHOROTHIOATE see: TF0460000
O,O-DIMETHYL S-(2,5-DICHLOROPHENYLTHIO)METHYL PHOSPHORODITHIOATE see: TD6125000
1,1-DIMETHYL-3-(3,4-DICHLOROPHENYL)UREA see: YS8925000
DIMETHYLDICHLOROSILANE (DOT) see: VV3150000
DIMETHYLDICHLOROSTANNANE see: WH7245000
DIMETHYLDICHLOROTIN see: WH7245000
DIMETHYL DICHLOROVINYL PHOSPHATE see: TC0350000
O,O-DIMETHYL DICHLOROVINYL PHOSPHATE see: TC0350000
DIMETHYL 2,2-DICHLOROVINYL PHOSPHATE see: TC0350000
O,O-DIMETHYL O-2,2-DICHLOROVINYL PHOSPHATE see: TC0350000
DIMETHYL-DICHLORSILAN (Czech) see: VV3150000
O,O-DIMETHYL-O (2,2-DICHLOR-VINYL)-PHOSPHAT (German) see: TC0350000
2,5-DIMETHYL-1,2,5,6-DIEPOXYHEX-3-YNE see: MQ9700000
O,O-DIMETHYL S-1,2-DI(ETHOXYCARBAMYL)ETHYL PHOSPHORODITHIOATE see: WM8400000
2,6-DIMETHYL-3,5-DIETHOXYCARBONYL-4-(o-DIFLUOROMETHOXYPHENYL)-1,4-DIHYDROPYRIDINE see: US7969300
2,6-DIMETHYL-3,5-DIETHOXYCARBONYL-4-(p-DIFLUOROMETHOXYPHENYL)-1,4-DIHYDROPYRIDINE see: US7969400
2,6-DIMETHYL-3,5-DIETHOXYCARBONYL-4-(o-DIFLUOROMETHYLSULFONYLPHENYL)-1,4-DIHYDROPYRIDINE see: US7969700
2,6-DIMETHYL-3,5-DIETHOXYCARBONYL-4-(o-(DIFLUOROMETHYLTHIO)PHENYL)-1,4-DIHYDROPYRIDINE see: US7969900
2,6-DIMETHYL-3,5-DIETHOXYCARBONYL-4-(o-(TRIFLUOROMETHYLSULFONYL)PHENYL)-1,4-DIHYDROPYRIDINE see: US7977600
DIMETHYL (Z)-2-((DIETHOXYPHOSPHINOTHIOYL)THIO)-2-BUTENEDIOATE see: ON2200000
DIMETHYL-DIETHOXYSILAN (Czech) see: VV3590000
DIMETHYLDIETHOXYSILANE see: VV3590000
DIMETHYLDIETHOXYSILANE (DOT) see: VV3590000
DIMETHYL DIETHYLAMIDO-1-CHLOROCROTONYL (2) PHOSPHATE see: TC2800000
1,4-DIMETHYLDIETHYLENETRIAMINE mixed with SODIUM NITRITE see: IE1394000
2,5-DIMETHYL-2,5-DI-(2-ETHYLHEXANOYLPEROXY)HEXANE (DOT) see: SE0551000
N,N-DIMETHYL-p-((3,4-DIETHYLPHENYL)AZO)ANILINE see: BX3675000
N,N-DIMETHYL-2,5-DIFLUORO-p-(2,5-DIFLUOROPHENYLAZO)ANILINE see: BX5075000
DIMETHYL (1-(DIFLUOROMETHYL)-2,2-DIFLUORO-1-HYDROXYETHYL)PHOSPHONATE see: SZ7655000
N,N-DIMETHYL-p-(3,4-DIFLUOROPHENYLAZO)ANILINE see: BX5250000
N,N-DIMETHYL p-(3,5-DIFLUOROPHENYLAZO)ANILINE see: BX3850000
N,N-DIMETHYLDIGUANIDE see: DU1790000
9,10-DIMETHYL-9,10-DIHYDRO-1,2-BENZANTHRACENE-9,10-OXIDE see: CW1835000
2,2-DIMETHYL-2,3-DIHYDRO-7-BENZOFURANYL N-METHYLCARBAMATE see: FB9450000
11,17-DIMETHYL-16,17-DIHYDRO-15H-CYCLOPENTA(a)PHENANTHRENE see: GY5680000
O,O-DIMETHYL S-(3,4-DIHYDRO-4-KETO-1,2,3-BENZOTRIAZINYL-3-METHYL) DITHIOPHOSPHATE see: TE1925000
2,5-DIMETHYL-2,5-DIHYDROPEROXY HEXANE (DOT) see: MX2625400
2,5-DIMETHYL-2,5-DIHYDROPEROXY HEXANE (DOT) see: MX2625300
5,5-DIMETHYLDIHYDRORESORCINOL DIMETHYL CARBABAMATE see: FA1500000
5,5-DIMETHYL-4,5-DIHYDRO-3-RESORCYL-DIMETHYL-CARBAMAT (German) see: FA1500000
D-alpha,alpha'-DIMETHYL-4,4'-DIHYDROXYBIBENZYL see: SL1944750
DL-alpha,alpha'-DIMETHYL-4,4'-DIHYDROXYBIBENZYL see: SL1944770
L-alpha,alpha'-DIMETHYL-4,4'-DIHYDROXYBIBENZYL see: SL1944720
meso-alpha,alpha'-DIMETHYL-4,4'-DIHYDROXYBIBENZYL see: SL1944800
(-)-1,4-DIMETHYL-9,10-DIHYDROXY-2,3,4,5,6,7-HEXAHYDRO-1,6-METHANO-1H-4-BENZAZONINE HBr see: PB9080680
1,3-DIMETHYL-7-(2,3-DIHYDROXYPROPYL)XANTHINE see: XH5100000
O,O-DIMETHYL-S-1,2-DIKARBETOXYLETHYLDITIOFOSFAT (Czech) see: WM8400000
DIMETHYL DIKETONE see: EK2625000
2,6-DIMETHYL-3,5-DIMETHOXYCARBONYL-4-(o-DIFLUOROMETHOXYPHENYL)-1,4-DIHYDROPYRIDINE see: US7969500
2,6-DIMETHYL-3,5-DIMETHOXYCARBONYL-4-(p-DIFLUOROMETHOXYPHENYL)-1,4-DIHYDROPYRIDINE see: US7969600
2,6-DIMETHYL-3,5-DIMETHOXYCARBONYL-4-(o-DIFLUOROMETHYLSULFONYLPHENYL)-1,4-DIHYDROPYRIDINE see: US7969800
1,7-DIMETHYL-8-(3,4-DIMETHOXYPHENETHYL)-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE see: NJ5096300
DIMETHYL 3-(DIMETHOXYPHOSPHINYLOXY)GLUTACONATE see: LZ9450000
2',3'-DIMETHYL-4-DIMETHYLAMINOAZOBENZENE see: BX8750000
3',4'-DIMETHYL-4-DIMETHYLAMINOAZOBENZENE see: BX8925000
2,5-DIMETHYL-6-(DIMETHYLAMINO)-4,4-DIPHENYL-3-HEXANONE HYDROBROMIDE see: MP3416000
1,3-DIMETHYL-2-(2-(DIMETHYLAMINO)ETHYL)-2-THIO-PSEUDOUREA DIHYDROBROMIDE see: UM3860000PSEUDOUREA, 1,3-DIMETHYL-2-(2-(DIMETHYLAMINO)ETHYL)-2-THIO-, DIHYDROBROMIDE
1,5-DIMETHYL-4-DIMETHYLAMINO-2-PHENYL-3-PYRAZOLONE see: CD2625000
2,3-DIMETHYL-4-DIMETHYLAMINO-1-PHENYL-5-PYRAZOLONE see: CD2625000
9,9-DIMETHYL-10-(3-(DIMETHYLAMINO)PROPYL)ACRIDAN see: AR6973200
9,9-DIMETHYL-10-DIMETHYLAMINOPROPYLACRIDAN HYDROGEN TARTRATE see: AR9275000
9,9-DIMETHYL-10-(3-DIMETHYLAMINO)PROPYLACRIDINE TARTRATE see: AR9275000
1,1-DIMETHYL-3-(2-(DIMETHYLAMINO)PROPYL)-3-PHENYLUREA see: YT0056000 UREA, 1,1-DIMETHYL-3-(2-(DIMETHYLAMINO)PROPYL)-3-PHENYL-
5,6-DIMETHYL-2-DIMETHYLAMINO-4-PYRIMIDINYLDIMETHYLCARBAMATE see: EZ9100000
6,8-DIMETHYL-(4-p-(DIMETHYLAMINO)STYRYL)QUINOLINE see: VB7174000
O,O-DIMETHYL-O-(2-DIMETHYL-CARBAMOYL-1-METHYL-VINYL)PHOSPHAT (German) see: TC3850000
O,O-DIMETHYL O-(N,N-DIMETHYLCARBAMOYL-1-METHYLVINYL) PHOSPHATE see: TC3850000
2-DIMETHYL cis-2-DIMETHYL-CARBAMOYL-1-METHYLVINYL PHOSPHATE see: TC3850000
1,1-DIMETHYL-1-(2,3-DIMETHYL-2-HYDROXY-3-BUTENYL)-2-METHACRYLOYLHYDRAZINIUM see: MW0341700
1,1-DIMETHYL-1-(2,3-DIMETHYL-2-HYDROXY-3-BUTENYL)HYDRAZINIUM see: MW0341600
O,O-DIMETHYL O-(3,5-DIMETHYL-4-METHYLTHIOPHENYL) PHOSPHOROTHIOATE see: TF9800000
N,N-DIMETHYL-2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYLAMINE CITRATE see: KR5917500
N,N-DIMETHYL-2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)ETHYLAMINE CITRATE see: KR5918000
O,O-DIMETHYL-O-(1,4-DIMETHYL-3-OXO-4-AZA-PENT-1-ENYL)FOSFAAT (Dutch) see: TC3850000
O,O-DIMETHYL-O-(1,4-DIMETHYL-3-OXO-4-AZA-PENT-1-ENYL)PHOSPHATE see: TC3850000
3-DIMETHYL-1,2-DIMETHYLPROPYL p-AMINOBENZOATE HYDROCHLORIDE see: EL2625000
N,N-DIMETHYL-4-(4'-(2',5'-DIMETHYLPYRIDYL-1'-OXIDE)AZO)ANILINE see: OL0175000
N,N-DIMETHYL-4-(4'-(2',6'-DIMETHYLPYRIDYL-1'-OXIDE)AZO)ANILINE see: OL0350000
N,N-DIMETHYL-4-(4'-(3',5'-DIMETHYLPYRIDYL-1'-OXIDE)AZO ANILINE see: OL0525000
DIMETHYL p-(DIMETHYLSULFAMOYL)PHENYL PHOSPHATE see: TC3325000
O,O-DIMETHYL O-(p-(N,N-DIMETHYLSULFAMOYL)PHENYL)PHOSPHOROTHIOATE see: TF7650000
5,5-DIMETHYL-1,3-DINITROHYDANTOIN see: MU0986000
DIMETHYL-DI-NITROSO-AETHYLENDIAMIN (German) see: KV4375000
1,6-DIMETHYL-1,6-DINITROSOBIUREA see: EC1450000
DIMETHYLDINITROSOETHYLENEDIAMINE see: KV4375000
N,N'-DIMETHYL-N,N'-DINITROSOETHYLENEDIAMINE see: KV4375000
2,5-DIMETHYLDINITROSOPIPERAZINE see: TL6205000
2,6-DIMETHYLDINITROSOPIPERAZINE see: TL6210000
N,N'-DIMETHYL-N,N'-DINITROSO-1,3-PROPANEDIAMINE see: TX7700000
2,2-DIMETHYL-1,3-DIOXA-6-AZA-2-SILACYCLOOCTANE-6-ETHANOL see: JG6716000
1,5-DIMETHYL-6,8-DIOXABICYCLO(3.2.1)OCTANE see: JG6825000
DIMETHYL-1,1-DIOXA-2,8-HYDROXYETHYL-5 SILA-1 AZA-5 CYCLOOCTANE (French) see: JG6716000
DIMETHYL DIOXANE see: JH0350000
4,4-DIMETHYLDIOXANE-1,3 see: JH0525000
4,4-DIMETHYL-m-DIOXANE see: JH0525000
4,4-DIMETHYL-1,3-DIOXANE see: JH0525000
2,2-DIMETHYL-m-DIOXANE-4,6-DIONE see: JH0800000
2,2-DIMETHYL-1,3-DIOXANE-4,6-DIONE see: JH0800000
DIMETHYL-m-DIOXANE (DOT) see: JH0370000
2,6-DIMETHYL-m-DIOXAN-4-OL ACETATE see: AH1350000
2,6-DIMETHYL-m-DIOXAN-4-YL ACETATE see: AH1350100
2,2-DIMETHYL-4,6-DIOXO-m-DIOXANE see: JH0800000
2,2-DIMETHYL-1,3-DIOXOLANE-4-METHANOL see: JI0400000
2,2-DIMETHYL-1,3-DIOXOLAN-4-YLMETHYL 6,11-DIHYDRO-11-OXODIBENZ(b,e)OXEPIN-3-ACETATE see: HQ4135000
2-(4,5-DIMETHYL-1,3-DIOXOLAN-2-YL)PHENYL N-METHYLCARBAMATE see: FC1030000
1,6-DIMETHYL-5,7-DIOXO-1,5,6,7-TETRAHYDROPYRIMIDO(5,4-E)-as-TRIAZINE-5,7(1H,6H)-DIONE see: UW7875000
(5,7-DIMETHYL-6,8-DIOXO-5,6,7,8-TETRAHYDROPYRIMIDO(4,5-e)-as-TRIAZIN-3-YL)MALONONITRILE see: OO3746700
N,N-DIMETHYL-2,2-DIPHENOXYETHYLAMINE see: AB2825300
N,N-DIMETHYLDIPHENYLACETAMIDE see: AB8050000
N,N-DIMETHYL-alpha,alpha-DIPHENYLACETAMIDE see: AB8050000
N,N,DIMETHYL-2,2-DIPHENYLACETAMIDE see: AB8050000
cis-N,N-DIMETHYL-2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)ETHYLAMINE see: KR5919600
trans-N,N-DIMETHYL-2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)ETHYLAMINE see: KR5919500
N,N-DIMETHYL-2-(p-(1,2-DIPHENYL-1 BUTENYL)PHENOXY)ETHYLAMINE CITRATE see: KR6712400
3,3'-DIMETHYL-4,4'-DIPHENYLDIAMINE see: DD1225000
3,3'-DIMETHYLDIPHENYL-4,4'-DIAMINE see: DD1225000
N,N-DIMETHYL-2,5-DIPHENYL-3-FURANETHYLAMINE HYDROCHLORIDE see: LU1433000
N,N-DIMETHYL-2,5-DIPHENYL-3-FURANMETHYLAMINE HYDROCHLORIDE see: LU2796000
N,N-DIMETHYL-2,5-DIPHENYL-3-FURANPROPYLAMINE HYDROCHLORIDE see: LU5807500
DL-N,N'-DIMETHYL-3,4-DIPHENYL-2,5-HEXAMEDIAMINE HYDROCHLORIDE see: MO1326000
1,1-DIMETHYL-4-(2-DIPHENYLMETHOXYETHYL)PIPERAZINIUM IODIDE see: TM3176000
N,N-DIMETHYL-4 ,DIPHENYLMETHYL)ANILINE see: BX5480000
alpha-N,N-DIMETHYL-3,4-DIPHENYL-2-METHYL-3-PROPIONOXY-1-BUTYLAMINE see: EL2975000
N(sup 4),N(sup 4)-DIMETHYL-2,2-DIPHENYL-1,4-PENTANEDIAMINE see: SA0242500 1,4-PENTANEDIAMINE, N(sup 4),N(sup 4)-DIMETHYL-2,2-DIPHENYL-
2,2-DIMETHYL-3-(DIPHENYLPHOSPHINYL)-1-PROPYLAMINE see: UI1561000
1,2-DIMETHYL-3,5-DIPHENYL-1-H-PYRAZOLIUM METHYL SULFATE see: UQ9820000
1,4-DIMETHYL-3,3-DIPHENYL-2-PYRROLIDINONE see: UY5764500
1,5-DIMETHYL-3,3-DIPHENYL-2-PYRROLIDINONE see: UY5764600
2,2'-DIMETHYLDIPROPYLNITROSOAMINE see: JL9655000
1',1'-DIMETHYL-4,4'-DIPYRIDINIUM DI(METHYL SULFATE) see: DW2010000
4,4'-DIMETHYLDIPYRIDYL DICHLORIDE see: DW2275000
1,1'-DIMETHYL-4,4'-DIPYRIDYLIUM CHLORIDE see: DW2275000
N,N'-DIMETHYL-4 4'-DIPYRIDYLIUM DICHLORIDE see: DW2275000
DIMETHYLDISULFIDE see: JO1927500
DIMETHYL DISULFIDE (DOT) see: JO1927500
DIMETHYL 1,3-DITHIAN-2-YLIDENEPHOSPHORAMIDATE see: NJ6472000
O,O-DIMETHYL 1,3-DITHIAN-2-YLIDENEPHOSPHORAMIDOTHIOATE see: NJ6460000
1,1-DIMETHYL-3-(DI-2-THIENYLMETHYLENE)-5-HYDROXY-PIPERIDINIUM BROMIDE see: TN4960000
1,1-DIMETHYL-3-(DI-2-THIENYLMETHYLENE)PIPERIDINIUM BROMIDE see: TN4955000
O,O-DIMETHYL DITHIOBIS(THIOFORMATE) see: LQ8050000
DIMETHYLDITHIOCARBAMATE ZINC SALT see: ZH0525000
DIMETHYLDITHIOCARBAMIC ACID ACETONYL ESTER see: EZ9449200
DIMETHYLDITHIOCARBAMIC ACID ACETONYL ESTER OXIME see: EZ9449700
DIMETHYLDITHIOCARBAMIC ACID compd with DIMETHYLAMINE (1:1) see: FA0250000
DIMETHYLDITHIOCARBAMIC ACID DIMETHYL AMINE SALT see: FA0250000
DIMETHYLDITHIOCARBAMIC ACID DIMETHYLAMMONIUM SALT see: FA0250000

BEST COPY AVAILABLE

DIMETHYLDITHIOCARBAMIC ACID ESTER with MERCAPTO-2-PROPANONE OXIME see: FA0540000
DIMETHYLDITHIOCARBAMIC ACID ESTER with MERCAPTO-2-PROPANONE 3-THIOSEMICARBAZONE see: FA0550000
DIMETHYLDITHIOCARBAMIC ACID, IRON SALT see: NO8750000
DIMETHYLDITHIOCARBAMIC ACID, IRON(3+) SALT see: NO8750000
DIMETHYLDITHIOCARBAMIC ACID, SODIUM SALT see: FD3500000
N,N-DIMETHYLDITHIOCARBAMIC ACID 2-TRIBUTYLSTANNYL ESTER see: WH7526600
DIMETHYLDITHIOCARBAMIC ACID, ZINC SALT see: ZH0525000
N,N-DIMETHYLDITHIOCARBAMIDSAEURE-(3-OXO-3-PHENYLPROPYL)-ESTER (German) see: FD3811000
5,5-DIMETHYLDITHIOHYDANTOIN see: MU0991000
DIMETHYLDITHIOHYDANTOINE (French) see: MU0991000
2,4-DIMETHYL-1,3-DITHIOLANE-2-CARBOXALDEHYDE O-(METHYLCARBAMOYL)OXIME see: FC1050000
DIMETHYL 1,3-DITHIOLAN-2-YLIDENEPHOSPHORAMIDATE see: NJ6470000
O,O-DIMETHYL 1,3-DITHIOLAN-2-YLIDENEPHOSPHORAMIDOTHIOATE see: NJ6450000
O,O-DIMETHYLDITHIOPHOSPHATE DIETHYLMERCAPTOSUCCINATE see: WM8400000
DIMETHYLDITHIOPHOSPHORIC ACID N-METHYLBENZAZIMIDE ESTER see: TE1925000
O,O-DIMETHYL DITHIOPHOSPHORYLACETIC ACID N-METHYL-N-FORMYLAMIDE see: TE1050000
O,O-DIMETHYLDITHIOPHOSPHORYLACETIC ACID, N-MONOMETHYLAMIDE SALT see: TE1750000
3-DIMETHYLDITHIOPHOSPHORYL 5-METHYL-5-METHOXY-1,3,4-THIADIAZOLIN-2-ONE see: TE2110000
N,N-DIMETHYL-N',N'-DI-o-TOLYL-1,3-PROPANEDIAMINE MONOHYDROCHLORIDE see: TX7830000
DIMETHYL DIXANTHOGEN see: LQ8050000
N,N-DIMETHYL-2-(DI-2,6-XYLYLMETHOXY)ETHYLAMINE HYDROCHLORIDE see: KR6065000
2,5-DIMETHYL-DNPZ see: TL6205000
2,6-DIMETHYL-DNPZ see: TL6210000
N,N-DIMETHYLDODECYLAMINE see: JR6600000
DIMETHYLDODECYLAMINE ACETATE see: JR6610000
DIMETHYLDODECYLAMINE CHLORHYDRATE (French) see: JR6623000
N,N-DIMETHYLDODECYLAMINE HYDROCHLORIDE see: JR6623000
DIMETHYLDODECYLAMINE HYDROCHLORIDE mixed with SODIUM NITRITE (7:8) see: JR6625000
DIMETHYLDODECYLAMINE N-OXIDE see: JR6650000
N,N-DIMETHYLDODECYLAMINE OXIDE see: JR6650000
N,N-DIMETHYL-DODECYLAMINOXID (Czech) see: JR6650000
N,N-DIMETHYL-n-DODECYL(2-HYDROXY-3-CHLOROPROPYL) AMMONIUM CHLORIDE see: BQ2975000
N,N-DIMETHYL-n-DODECYL(3-HYDROXYPROPENYL) AMMONIUM CHLORIDE see: BQ3156000
2,5-DIMETHYL-1-DODECYLPIPERAZINE DIHYDROCHLORIDE see: TL6214500
11-DIMETHYLELLIPTICINE see: UU8850000 6H-PYRIDO(4,3-b)CARBAZOLE, 5-METHYL-
3,4-DIMETHYLENE-1,2-BENZANTHRACENE see: CU1575000
7,8-DIMETHYLENEBENZ(a)ANTHRACENE see: FZ2625000
8,9-DIMETHYLENE-1,2-BENZANTHRACENE see: CU0885000
DIMETHYLENEBIS((BISETHYLAMINOMETHYLENE)SULFONIUM BROMIDE) see: WR7900300
DIMETHYLENEDIAMINE see: KM8575000
4,4'-DIMETHYLENE-DIANILINE DIHYDROCHLORIDE see: BY0210000
DIMETHYLENE DITHIOCYANATE see: NX8580000
DIMETHYLENEDIOXY BENZPHENANTHRIDINE see: VP5200000
DIMETHYLENE GLYCOL see: EK0532000
DIMETHYLENEIMINE see: KX5075000
DIMETHYLENEMETHANE see: BA0400000
DIMETHYLENE OXIDE see: KX2450000
N,N-DIMETHYLENEOXIDEBIS(PYRIDINIUM-4-ALDOXIME) DICHLORIDE see: UU6825000
3,4-DIMETHYLENEPYRENE see: GY5855000
DIMETHYLENIMINE see: KX5075000
7,12-DIMETHYL-5,6-EPOXY-5,5-DIHYDROBENZ(a)ANTHRACENE see: CW1820000
exo-1,2-cis-DIMETHYL-3,6-EPOXYHEXAHYDROPHTHALIC ANHYDRIDE see: RN8575000
(((8-beta)-1,6-DIMETHYLERGOLIN-8-YL)METHYL)CARBAMIC ACID PHENYLMETHYL ESTER see: FA1070000
6,7-DIMETHYLESCULETIN see: GN6550000
O,S-DIMETHYL ESTER AMIDE of AMIDOTHIOATE see: TB4970000
O,O-DIMETHYLESTER KYSELINY CHLORTHIOFOSFORECNE (Czech) see: TD1830000
DIMETHYLESTER KYSELINY FOSFORITE (Czech) see: SZ7710000
DIMETHYLESTER KYSELINY ISOFTALOVE (Czech) see: WZ1225000
DIMETHYLESTER KYSELINY SIROVE (Czech) see: WS8225000
DIMETHYLESTER KYSELINY TEREFTALOVE (Czech) see: NT2540000
7,14-DIMETHYL-7,14-ETHANODIBENZ(a,h)ANTHRACENE-15,16-DICARBOXYLIC ACID see: KJ4950000
1,1-DIMETHYLETHANOL see: EO1925000
DIMETHYLETHANOLAMINE see: KK6125000
N,N-DIMETHYLETHANOLAMINE see: KK6125000
DIMETHYLETHANOLAMINE (DOT) see: KK6125000
DIMETHYL ETHER (DOT) see: PM4780000
DIMETHYL ETHER HYDROQUINONE see: CZ6650000
6-alpha,21-DIMETHYLETHISTERONE see: BV6510000
O,O-DIMETHYL S-alpha-ETHOXYCARBONYLBENZYL PHOSPHORODITHIOATE see: AI7875000
N,N-DIMETHYL-p-((3-ETHOXYPHENYL)AZO)ANILINE see: BX5575000
N,N-DIMETHYL-N'-(p-ETHOXYPHENYL)ETHYLENEDIAMINE HYDROCHLORIDE see: KV4380000ETHYLENEDIAMINE, N,N-DIMETHYL-N'-(p-ETHOXYPHENYL)-, HYDROCHLORIDE
N(sup 1),N(sup 1)-DIMETHYL-N(sup 2)-(p-ETHOXYPHENYL)-1,2-PROPANEDIAMINE FUMARATE see: TX7835000 1,2-PROPANEDIAMINE,, N(sup 1),N(sup 1)-DIMETHYL-N(sup 2)-(p-ETHOXYPHENYL)-,FUMARATE
N,N-DIMETHYL-N'-(p-ETHOXYPHENYL)-1,3-PROPANEDIAMINE HYDROCHLORIDE see: TX7840000 1,3-PROPANEDIAMINE, N,N-DIMETHYL-N'-(p-ETHOXYPHENYL)-, MONOHYDROCHLORIDE
O,O-DIMETHYL-S-(5-ETHOXY-1,3,4-THIADIAZOLINYL-3-METHYL)DITHIOPHOSPHATE see: TE0875000
O,O-DIMETHYL S-(5-ETHOXY-1,3,4-THIADIAZOL-2(3H)-ONYL-(3)-METHYL)DITHIOPHOSPHATE see: TE0875000
O,O-DIMETHYL-S-(5-ETHOXY-1,3,4-THIADIAZOL-2(3H)-ONYL-(3)-METHYL)PHOSPHORODITHIOATE see: TE0875000
5,6-DIMETHYL-3-ETHOXY-as-TRIAZINE see: XY7450000
O,O-DIMETHYL S-(2-ETHTHIOETHYL)PHOSPHOROTHIOATE see: TG1750000
DIMETHYL S-(2-ETHTHIOETHYL)THIOPHOSPHATE see: TG1750000
O,O-DIMETHYL S-(2-ETHTHIONYLETHYL) PHOSPHOROTHIOATE see: TG1420000
DIMETHYL S-(2-ETHTHIONYLETHYL) THIOPHOSPHATE see: TG1420000
DIMETHYL ETHYL ALLENOLIC ACID METHYL ETHER see: UF2005000
1,1-DIMETHYLETHYLAMINE see: EO3330000
N,N-DIMETHYL-4'-ETHYL-4-AMINOAZOBENZENE see: BY0700000
1-(7-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL)ETHANONE see: OB1297000KETONE, 7-(3-(tert-BUTYLAMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL METHYL
1-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL)ETHANONE see: OB1296000KETONE, 4-(3-(tert-BUTYLAMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL METHYL
N-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-ETHYLUREA see: YT0090000
N-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-METHYLUREA see: YT0092000
N-(5-(((1,1-DIMETHYLETHYL)AMINO)SULFONYL)-1,3,4-THIADIAZOL-2-YL)ACETAMIDE MONOSODIUM SALT see: AB8050500
1,4-DIMETHYL-7-ETHYLAZULENE see: CO4780000
alpha,alpha-DIMETHYL-beta-ETHYL-2-BENZOFURANPROPANOIC ACID see: DF7985000 2-BENZOFURANPROPANOIC ACID, alpha,alpha-DIMETHYL-beta-ETHYL-
DI-N-METHYL ETHYL CARBAMATE see: FA1225000
(1,1-DIMETHYLETHYL)CARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE see: FA1095000
O,O-DIMETHYL S-(N-ETHYLCARBAMOYLMETHYL) DITHIOPHOSPHATE see: TE0960000
O,O-DIMETHYL S-(N-ETHYLCARBAMOYLMETHYL) PHOSPHORODITHIOATE see: TE0960000
DIMETHYLETHYLCARBINOL see: SC0175000
DIMETHYLETHYLCHOLINE see: BQ5460000
N-DIMETHYLETHYLCHOLINE see: BQ5460000
3-(1,1-DIMETHYLETHYL)-CYCLOBUTANECARBOXYLIC ACID see: GU1340000
alpha,alpha-DIMETHYL-N-ETHYLCYCLOHEXANEETHYLAMINE see: GV1560000
DIMETHYL-N N ETHYL-5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French) see: HO1122000
2-(1,1-DIMETHYLETHYL)-4,6-DINITROPHENOL see: SX0169000
2-(1,1-DIMETHYLETHYL)-4,6-DINITROPHENOL ACETATE see: SX0175000
meso-2,2'-((1,2-DIMETHYLETHYLENEBIS(p-PHENYLENEOXY))BIS(N,N-DIMETHYLETHYLAMINE) see: KR6068000
dl-2,2''-((1,2-DIMETHYLETHYLENE)BIS(p-PHENYLENEOXY))BIS(TRIETHYLAMINE) DIHYDROCHLORIDE see: YE1672030
meso-2,2''-((1,2-DIMETHYLETHYLENE)BIS(p-PHENYLENEOXY))BIS(TRIETHYLAMINE) DIHYDROCHLORIDE see: YE1674000
meso-1,1'-((1,2-DIMETHYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))DIPYRROLIDINE see: UY0897000
(-)-4,4'-(1,2-DIMETHYLETHYLENE)DIPHENOL see: SL1944720
(+)-4,4'-(1,2-DIMETHYLETHYLENE)DIPHENOL see: SL1944750
(+-)-4,4'-(1,2-DIMETHYLETHYLENE)DIPHENOL see: SL1944770
meso-4,4'-(1,2-DIMETHYLETHYLENE)DIPHENOL see: SL1944800
2,2-DIMETHYLETHYLENIMINE see: CM6888000
DIMETHYLETHYLHEXADECYLAMMONIUM BROMIDE see: BQ5425000
1,1-DIMETHYLETHYL HYDROPEROXIDE see: EQ4905000
O,O-DIMETHYL((ETHYL-(2-HYDROXYETHYL)AMINO)THIOXOMETHYL)PHOSPHORAMIDOTHIOATE see: TB4980000
DIMETHYLETHYL(2-HYDROXYETHYL)AMMONIUM IODIDE, PHTHALATE (2:1) see: BQ2034100
DIMETHYLETHYL(beta-HYDROXYPHENETHYL)AMMONIUM IODIDE BENZOATE (ester) see: BQ2034200
DIMETHYLETHYL(2-HYDROXYPROPYL)AMMONIUM IODIDE, PHTHALATE (2:1) see: BQ2034700
1,1-DIMETHYLETHYL ISOCYANATE see: NQ8300000
O,O-DIMETHYL S-(2-ETHYLMERCAPTOETHYL) DITHIOPHOSPHATE see: TE4375000
O,O-DIMETHYL O-ETHYLMERCAPTOETHYL THIOPHOSPHATE see: TG1650000
O,O-DIMETHYL S-ETHYLMERCAPTOETHYL THIOPHOSPHATE see: TG1750000
O,O-DIMETHYL 2-ETHYLMERCAPTOETHYL THIOPHOSPHATE see: TG1360000
O,O-DIMETHYL 2-ETHYLMERCAPTOETHYL THIOPHOSPHATE, THIOLO ISOMER see: TG1750000
O,O-DIMETHYL 2-ETHYLMERCAPTOETHYL THIOPHOSPHATE, THIONO ISOMER see: TG1650000
O,O-DIMETHYL-S-2-ETHYLMERKAPTOETHYLESTER KYSELINY DITHIOFOSFORECNE (Czech) see: TE4375000
alpha,alpha-DIMETHYL-beta-ETHYL-6-METHOXY-3,4-DIHYDRO-2-NAPHTHALENEPROPIONIC ACID see: QK0302100
6-(1,1-DIMETHYLETHYL)-3-METHYL-2,4-DINITROFLUORENYL ACETATE see: AF7175000
4-(1,1-DIMETHYLETHYL)-N-(1-METHYLPROPYL)-2,6-DINITROBENZENAMINE see: BW9500000
alpha,alpha-DIMETHYLETHYL NITRITE see: RA0802000
5,6-DIMETHYL-1-ETHYL-2-NITROBENZIMIDAZOLE see: DD8755000
1,1-DIMETHYL-3-ETHYL-3-NITROSOUREA see: YT0100000
3,5-DIMETHYL-5-ETHYLOXAZOLIDINE-2,4-DIONE see: RP9800000
3,5-DIMETHYL-4-(4-ETHYL-5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER see: UX9359200
alpha,alpha-DIMETHYL-N-ETHYLPHENETHYLAMINE see: SH4943500
4-(1,1-DIMETHYLETHYL)PHENOL see: SJ8925000
2-(4-(1,1-DIMETHYLETHYL)PHENOXY)CYCLOHEXYL 2-PROPYNYL SULFITE see: WT2900000
3-(1,1-DIMETHYLETHYL)PHENYL ACETYLMETHYLCARBAMATE see: EY8300000
N,N-DIMETHYL-p-((m-ETHYLPHENYL)AZO)ANILINE see: BY0525000
N,N-DIMETHYL-p-((4-ETHYLPHENYL)AZO)ANILINE see: BY0700000
5-(4-(1,1-DIMETHYLETHYL)PHENYL) O-ETHYL ETHYLPHOSPHONODITHIOATE see: TA5250000
alpha-(4-(1,1-DIMETHYLETHYL)PHENYL)-4-(HYDROXYDIPHENYLMETHYL)-1-PIPERIDINEBUTANOL see: TM4969000
5-(4-(1,1-DIMETHYLETHYL)PHENYL) O-METHYL ETHYLPHOSPHONODITHIOATE see: TA5300000
4-(3-(4 (1,1-DIMETHYLETHYL)PHENYL)-2-METHYLPROPYL)-2,6-DIMETHYLMORPHOLINE see: QE2060000
O,O-DIMETHYL S-ETHYL PHOSPHOROTHIOATE see: TF8400000
3-(4-(1,1-DIMETHYLETHYL)-2-(2-PROPENYL)PHENOXY)-1,2-PROPANEDIOL see: TY6055000
2,6-DIMETHYL-3-ETHYLPYRAZINE see: UQ3150000
(DIMETHYLETHYLSILYL)METHANOL CARBAMATE see: PC1980100
(DIMETHYLETHYLSILYL)METHYL ESTER of CARBAMIC ACID see: PC1980100
O,O-DIMETHYL-S-(2-ETHYLSULFINYL-ETHYL)-MONOTHIOFOSFAAT (Dutch) see: TG1420000
O,O-DIMETHYL S-(2-(ETHYLSULFINYL)ETHYL) PHOSPHOROTHIOATE see: TG1420000
O,O-DIMETHYL S-(2-ETHYLSULFINYL)ETHYL THIOPHOSPHATE see: TG1420000
O,O-DIMETHYL-S-(ETHYLSULFINYL-(2-ISOPROPYL)) PHOSPHOROTHIOATE see: TG1575000
O,O-DIMETHYL S-(2-(ETHYLSULFINYL)ISOPROPYL) THIOPHOSPHATE see: TH1575000
O,O-DIMETHYL S-ETHYLSULPHINYLETHYL PHOSPHOROTHIOLATE see: TG1420000
3,5-(1,1-DIMETHYLETHYL)-1,3,4-THIADIAZOL-2-YL-4-HYDROXY-1-METHYL-2-IMIDAZOLIDINONE see: NJ0620000
O,O-DIMETHYL-S-(2-ETHYLTHIO-ETHYL)-DITHIOFOSFAAT (Dutch) see: TE4375000
O,O-DIMETHYL-O-(2-ETHYL THIO-ETHYL)-MONOTHIOPOSFAAT (Dutch) see: TG1650000
O,O-DIMETHYL-S-(2-ETHYLTHIO-ETHYL)-MONOTHIOFOSFAAT (Dutch) see: TG1750000
O,O-DIMETHYL S-(2-(ETHYLTHIO)ETHYL) PHOSPHORODITHIOATE see: TE4375000
O,O-DIMETHYL O-2-(ETHYLTHIO)ETHYL PHOSPHOROTHIOATE see: TG1650000
O,O-DIMETHYL S-(2-(ETHYLTHIO)ETHYL)PHOSPHOROTHIOATE see: TG1750000
S-(((1,1-DIMETHYLETHYL)THIO)METHYL)-O,O DIETHYL PHOSPHORODITHIOATE see: TD7200000
N,N-DIMETHYL-p-((3-ETHYL-p-TOLYL)AZO)ANILINE see: BY1050000
N,N-DIMETHYL-p-((4-ETHYL-m-TOLYL)AZO)ANILINE see: BY1225000
2,3-DIMETHYLFLUORANTHENE see: LL4200000
7,8-DIMETHYLFLUORANTHENE see: LL4375000
8,9-DIMETHYLFLUORANTHENE see: LL4380000
1,1-DIMETHYL 4-(FLORENYL)PIPERAZINIUM IODIDE see: TM3187000
2,10-DIMETHYL-3-FLUORO-5,6-BENZACRIDINE see: CU3600000
7,12-DIMETHYL-1-FLUOROBENZ(a)ANTHRACENE see: CW4390000
7,12-DIMETHYL-2-FLUOROBENZ(a)ANTHRACENE see: CW4392000
7,12-DIMETHYL-4-FLUOROBENZ(a)ANTHRACENE see: CW4400000
7,12-DIMETHYL-5-FLUOROBENZ(a)ANTHRACENE see: CW4410000
7,12-DIMETHYL-8-FLUOROBENZ(a)ANTHRACENE see: CW4420000
7,12-DIMETHYL-11-FLUOROBENZ(a)ANTHRACENE see: CW4460000
(+)-N,alpha-DIMETHYL-N-(p-FLUOROBENZYL)PHENETHYLAMINE HYDROCHLORIDE see: SH4947200
N,N-DIMETHYL-p-((p-FLUOROPHENYL)AZO)ANILINE see: BX5595000
N,N-DIMETHYL-2-FLUORO-4-PHENYLAZOANILINE see: BX5620000
2,5-DIMETHYL-2-(p-FLUOROPHENYL)-1-THIA-3-aza-2-SILACYCLOPENTANE see: XI0580000
2,5-DIMETHYL-2-(p-FLUOROPHENYL)-1,3,2-THIAZAGERMOLIDINE see: XJ0409000
1,1-DIMETHYL-3-(p-FLUOROPHENYL)UREA see: YT0153000
DIMETHYLFORMALDEHYDE see: AL3150000
DIMETHYLFORMAMID (German) see: LQ2100000
DIMETHYL FORMAMIDE see: LQ2100000

BEST COPY

N,N-DIMETHYL FORMAMIDE see: LQ2100000
N,N-DIMETHYLFORMAMIDE (DOT) see: LQ2100000
DIMETHYLFORMOCARBOTHIALDINE see: XI2800000
2,4-DIMETHYL-2-FORMYL-1,3-DITHIOLANE OXIME METHYLCARBAMATE see: FC1050000
O,O-DIMETHYL S-(N-FORMYL-N-METHYLCARBAMOYLMETHYL) PHOSPHORODITHIOATE see: TE1050000
DIMETHYL FUMARATE see: EM6125000
DIMETHYL [illegible] see: LU0700000
4,8-DIMETHYL-1-(3-FURYL)-4-HYDROXY-1,6-NONANEDIONE see: RA6479000
4,8-DIMETHYL-1-(3-FURYL)-7-HYDROXY-1,6-NONANEDIONE see: RA6479200
4,8-DIMETHYL-1-(3-FURYL)-6-HYDROXY-1-NONANONE see: RA8254000
2,5-DIMETHYL-3-FURYL p-HYDROXYPHENYL KETONE see: OB2881000
2,2'-((DIMETHYLGERMYLENE)DITHIO)BIS(ETHYLAMINE) see: KR6069000 ETHYLAMINE, 2,2'-((DIMETHYLGERMYLENE)DITHIO)BIS-
2,2'-((DIMETHYLGERMYLENE)DITHIO)BIS(1-PROPYLAMINE) see: UI1566000 1-PROPYLAMINE, 2,2'-((DIMETHYLGERMYLENE)DITHIO)BIS-
alpha,alpha-DIMETHYLGLYCINE see: AY7000000
N,N-DIMETHYLGLYCINE trans-(1-METHYL-2-OXO-3-INDULINYLIDENE)HYDRAZIDE see: MC0015000
N,N-DIMETHYLGLYCINE cis-(2-OXO-INDOLINYLIDENE)HYDRAZIDE HYDROCHLORIDE see: MC0030000
1-(N,N-DIMETHYLGLYCYL)-3-(p-ETHOXYPHENYL)UREA see: YT0160100 UREA, 1-(N,N-DIMETHYLGLYCYL)-3-(p-ETHOXYPHENYL)-
1-(N,N-DIMETHYLGLYCYL)-3-(p-ISOPROPOXYPHENYL)UREA see: YT0160200 UREA, 1-(N,N-DIMETHYLGLYCYL)-3-(p-ISOPROPOXYPHENYL)-
1-(N,N-DIMETHYLGLYCYL)-3-(p-METHOXYPHENYL)UREA see: YT0160400 UREA, 1-(N,N-DIMETHYLGLYCYL)-3-(p-METHOXYPHENYL)-
1-(N,N-DIMETHYLGLYCYL)-3-PHENYLUREA see: YT0160300 UREA, 1-(N,N-DIMETHYLGLYCYL)-3-PHENYL-
10-N,N-DIMETHYLGLYCYLPHENOTHIAZINE see: SO9240000
DIMETHYLGLYOXAL see: EK2625000
N,N'-DIMETHYLHARNSTOFF (German) see: YS9868000
DIMETHYLHARNSTOFF und NATRIUMNITRIT (German) see: YT1480000
m-(3,3-DIMETHYLHARNSTOFF)-PHENYL-tert-BUTYLCARBAMAT (German) see: EY9980000
N,N'-DIMETHYLHAYATIININIUM DICHLORIDE see: MH0405000
DIMETHYLHEPTADECYLAMINE CHLORHYDRATE (French) see: MI4220000
N,N-DIMETHYLHEPTADECYLAMINE HYDROCHLORIDE see: MI4220000
N,N-DIMETHYL-1-HEPTADECYLAMINE HYDROCHLORIDE see: MI4220000
2,6-DIMETHYL HEPTANOL-4 see: MJ3325000
2,6-DIMETHYL-4-HEPTANOL see: MJ3325000
2,6-DIMETHYL-HEPTAN-4-ON (Dutch, German) see: MJ5775000
2,6-DIMETHYLHEPTAN-4-ONE see: MJ5775000
2,6-DIMETHYL-4-HEPTANONE see: MJ5775000
DIMETHYLHEPTYLAMINE CHLORHYDRATE (French) see: MK0901500
N,N-DIMETHYLHEPTYLAMINE HYDROCHLORIDE see: MK0901500
N,N-DIMETHYL-1-HEPTYLAMINE HYDROCHLORIDE see: MK0901500
2,6-DIMETHYL-4-HEPTYLPHENOL (o and p) see: SM5600000
DIMETHYLHEXADECYLAMINE CHLORHYDRATE (French) see: MM0900000
N,N-DIMETHYLHEXADECYLAMINE HYDROCHLORIDE see: MM0900000
N,N-DIMETHYL-1-HEXADECYLAMINE HYDROCHLORIDE see: MM0900000
3,5-DIMETHYL-4-(4-HEXADECYL-5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER see: UX9359400
DIMETHYLHEXANE DIHYDROPEROXIDE see: MX2625300
DIMETHYLHEXANE DIHYDROPEROXIDE, dry (DOT) see: MO1840000
DIMETHYLHEXANE DIHYDROPEROXIDE, (with 18% or more water) (DOT) see: MO1840000
2,5-DIMETHYL-1,2,6-HEXAMETRIOL see: MO4666000
2,2-DIMETHYL-1-HEXANOL see: MO9220000 1-HEXANOL, 2,2-DIMETHYL-
2,2-DIMETHYL-1-HEXANOL CARBAMATE see: MO9630000
5,5-DIMETHYL-1-HEXANOL CARBAMATE see: MO9632000
N,1-DIMETHYLHEXYLAMINE HYDROCHLORIDE see: MQ4900000
7-(2-(1,5-DIMETHYLHEXYLAMINO)ETHYL)THEOPHYLLINE MONOHYDROCHLORIDE see: XH5132000
2,2-DIMETHYLHEXYL ESTER of CARBAMIC ACID see: MO9630000
5,5-DIMETHYLHEXYL ESTER of CARBAMIC ACID see: MO9632000
7-(2-((1,5-DIMETHYLHEXYL)METHYLAMINO)ETHYL)THEOPHYLLINE compd. with METHIODIDE see: XH5133000
7-(2-((1,5-DIMETHYLHEXYL)METHYLAMINO)ETHYL)THEOPHYLLINE MONOHYDROCHLORIDE see: XH5134000
3,5-DIMETHYL-4-(4-HEXYL-5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER see: UX9359500
DI(3-METHYLHEXYL)PHTHALATE see: TI0380000
N,N-DIMETHYLHISTAMINE see: NI4840000
N',N'-DIMETHYLHISTAMINE see: NI4840000
N(sup alpha),N(sup alpha)-DIMETHYLHISTAMINE see: NI4840000
N(sup omega),N(sup omega)-DIMETHYLHISTAMINE see: NI4840000
1,7-DIMETHYL-8-HOMOVERATRYLIMIDAZO(1,2-f)XANTHINE see: NJ5096300
5,5-DIMETHYLHYDANTOIN see: MU0977000
1,1-DIMETHYLHYDRAZIN (German) see: MV2450000
1,2-DIMETHYLHYDRAZIN (German) see: MV2625000
DIMETHYLHYDRAZINE see: MV2450000
asymmetric DIMETHYLHYDRAZINE see: MV2450000
N,N-DIMETHYLHYDRAZINE see: MV2450000
N,N'-DIMETHYLHYDRAZINE see: MV2625000
sym-DIMETHYLHYDRAZINE see: MV2625000
1,1-DIMETHYLHYDRAZINE see: MV2450000
1,2-DIMETHYL-HYDRAZINE see: MV2625000
uns-DIMETHYLHYDRAZINE see: MV2450000
unsym-DIMETHYLHYDRAZINE see: MV2450000
N,N'-DIMETHYLHYDRAZINE DIHYDROCHLORIDE see: MV2800000
sym-DIMETHYLHYDRAZINE DIHYDROCHLORIDE see: MV2800000
1,2-DIMETHYLHYDRAZINE DIHYDROCHLORIDE see: MV2800000
DIMETHYLHYDRAZINE, symmetrical (DOT) see: MV2625000
sym-DIMETHYLHYDRAZINE HYDROCHLORIDE see: MV2940000
1,1-DIMETHYLHYDRAZINE HYDROCHLORIDE see: MV2900000
1,2-DIMETHYLHYDRAZINE HYDROCHLORIDE see: MV2940000
1,2-DIMETHYLHYDRAZINE mixed with OZONE see: MV3106000
DIMETHYLHYDRAZINE UNSYMMETRICAL (DOT) see: MV2450000
2-(2,2-DIMETHYLHYDRAZINO)-4-(5-NITRO-2-FURYL)THIAZOLE see: XJ4600000
4-(1,2-DIMETHYLHYDRAZINO)-2(5H)-THIAZOLONE see: XJ7054250
alpha,alpha-DIMETHYLHYDROCINNAMIC ACID see: MW5158000
alpha,beta-DIMETHYL-HYDROCINNAMIC ACID see: MW5158500
beta,beta-DIMETHYLHYDROCINNAMIC ACID see: MW5158800
DIMETHYLHYDROGENPHOSPHITE see: SZ7710000
DIMETHYLHYDROQUINONE see: CZ6650000
2,6-DIMETHYLHYDROQUINONE see: MX5900000
DIMETHYLHYDROQUINONE ETHER see: CZ6650000
3,5-DIMETHYL-4-HYDROXYAMPHETAMINE HYDROCHLORIDE see: SM7725000
DIMETHYL-2,5 (HYDROXY 4 BENZOYL) 3 FURANNE (French) see: OB2881000
(1-(3,4-DIMETHYL-alpha-HYDROXYBENZYL)ETHYL)TRIMETHYLAMMONIUM IODIDE see: BQ2049000
N,N-DIMETHYL-N-(2-HYDROXYETHYL)AMINE see: KK6125000
N,N-DIMETHYL-2-HYDROXYETHYLAMINE see: KK6125000
1,7-DIMETHYL-8-(2-HYDROXYETHYL)-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE see: NJ5096400

DIMETHYL(2-HYDROXYETHYL)OCTYLAMMONIUM BROMIDE BENZILATE see: BQ2050200
2',6'-DIMETHYL-1-(2-HYDROXYETHYL)PIPECOLANILIDE see: TK6020200
1,1-DIMETHYL-2-(2-HYDROXYETHYL)PIPERAZINIUM IODIDE DICYCLOHEXYLACETATE see: TM3193000
1,1-DIMETHYL-4-(2-HYDROXYETHYL)PIPERAZINIUM IODIDE 3,3-DIPHENYLPROPIONATE see: TM3194000
1,1-DIMETHYL-4-(2-HYDROXYETHYL)PIPERAZINIUM IODIDE 2-PENTYLHEPTANOATE see: TM3195000
1,1-DIMETHYL-4-(2-HYDROXYETHYL)PIPERAZINIUM IODIDE 1-PHENYLCYCLOHEXANECARBOXYLATE see: TM3196000
DIMETHYL(2-HYDROXYETHYL)SULFONIUM BROMIDE alpha-PHENYL-2-CYCLOHEXENE-1-ACETATE (ester) see: WR7900700
DIMETHYL(2-HYDROXYETHYL)SULFONIUM BROMIDE alpha-PHENYL-3-THIOPHENEPROPIONATE (ester) see: WR7900800
DIMETHYL(2-HYDROXYETHYL)(TRIETHYLSILYLMETHYL)AMMONIUM IODIDE ACETATE (ester) see: BQ2061000
DIMETHYL(2-HYDROXYETHYL)(3-(TRIETHYLSILYL)PROPYL)AMMONIUM IODIDE see: BQ2062000
DIMETHYL(2-HYDROXYETHYL)(3-(TRIETHYLSILYL)PROPYL)AMMONIUM IODIDE ACETATE see: BQ2062100
DIMETHYL(2-HYDROXYETHYL)(3-(TRIETHYLSILYL)PROPYL)AMMONIUM IODIDE 3,4,5-TRIMETHOXYBENZOATE see: BQ2062700
DIMETHYL(2-HYDROXYETHYL)(3-(TRIMETHYLSILYL)PROPYL)AMMONIUM IODIDE see: BQ2067500
DIMETHYL(2-HYDROXYETHYL)(3-(TRIMETHYLSILYL)PROPYL)AMMONIUM IODIDE ACETATE (ester) see: BQ2067600
DIMETHYL(2-HYDROXYETHYL)(3-(TRIMETHYLSILYL)PROPYL)AMMONIUM IODIDE BENZOATE (ester) see: BQ2067800
DIMETHYL 3-HYDROXYGLUTACONATE DIMETHYL PHOSPHATE see: LZ9450000
(-)-1,4-DIMETHYL-10-HYDROXY-2,3,4,5,6,7-HEXAHYDRO-1,6-METHANO-1H-4-BENZAZONINE HYDROBROMIDE see: PB9082000
1-1,4-DIMETHYL-10-HYDROXY-2,3,4,5,6,7-HEXAHYDRO-1,6-METHANO-1H-4-BENZAZONINE HYDROBROMIDE see: PB9082000
3,5-DIMETHYL-3-HYDROXY-4-HEXANOIC ACID, beta-LACTONE see: RQ7750000
7-(2-(1,5-DIMETHYL-5-HYDROXYHEXYLAMINO)ETHYL)THEOPHYLLINE MONOHYDROCHLORIDE see: XH5134500
7-(2-(N-(1,5-DIMETHYL-5-HYDROXYHEXYL)PHENETHYLAMINO)ETHYL)THEOPHYLLINE see: XH5134600
7-(5,5-DIMETHYL-3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-5-HEPTENOIC ACID see: MJ9671600
3,7-DIMETHYL-8-HYDROXY-6-METHOXYISOCHROMAN see: NQ7185000
2,3-DIMETHYL-5-(HYDROXYMETHYL)-p-BENZOQUINONE ACETATE (ester) see: DK4870000
1,1-DIMETHYL-1-(2-HYDROXY-2-METHYL-3-BUTENYL)-1-METHACRYLOYLHYDRAZINIUM see: MW0341900
2,2-DIMETHYL-5-HYDROXYMETHYL-1,3-DIOXOLANE see: JI0400000
1,1-DIMETHYL-4-(HYDROXYMETHYL)PIPERIDINIUM IODIDE see: TN4973000
1,1-DIMETHYL-4-(HYDROXYMETHYL)PIPERIDINIUM IODIDE ACETATE see: TN4974000
6,11-DIMETHYL-8-(HYDROXYMETHYL)PYRIDO(3,2-g)OXAZOLO(5,4,3-ij)QUINOLINE-4,10(2H,11H)-DIONE see: UV1178000
2',3-DIMETHYL-4-(2-HYDROXYNAPHTHYLAZO)AZOBENZENE see: QL5775000
7-(2-(6,7-DIMETHYL-3-HYDROXY-1-NONENYL)-3-HYDROXY-5-OXOCYCLOPENTYL)-5-HEPTENOIC ACID see: MJ9671800
3,7-DIMETHYL-7-HYDROXYOCTANAL see: RG7850000
7-(2-(4,4-DIMETHYL-3-HYDROXY-1-OCTENYL)-3-HYDROXY-5-METHYLENECYCLOPENTYL)-5-HEPTENOIC ACID see: MJ9672000
7-(2-(4,4-DIMETHYL-3-HYDROXY-1-OCTENYL)-3-HYDROXY-5-OXOCYCLOPENTYL)-5-HEPTENOIC ACID see: UK7894000
4-(4,4-DIMETHYL-3-HYDROXY-1-PENTENYL)-2-METHOXYPHENOL see: SL1970000
6,6-DIMETHYL-1-HYDROXY-3-PENTYL-6a,7,8,10a-TETRAHYDRO-6H-D'BENZO(b,d)PYRAN-9-METHANOL see: HP6900000
DIMETHYL(beta-HYDROXYPHENETHYL)ISOPROPYLAMMONIUM IODIDE BENZOATE (ester) see: BQ2034240
DIMETHYL(beta-HYDROXYPHENETHYL)ISOPROPYLAMMONIUM IODIDE p-CHLOROBENZOATE (ester) see: BQ2034280
1-(3,5-DIMETHYL-4-HYDROXYPHENYL)-2-AMINOPROPANE see: SH7725000
beta,4-DIMETHYL-alpha-(p-HYDROXYPHENYL)-1-PIPERIDINEETHANOL TARTRATE (2:1) see: TM8589500 1PIPERIDINEETHANOL, beta,4-DIMETHYL-alpha-(p-HYDROXYPHENYL)-, TARTRATE (2:1) (salt)
1,1-DIMETHYL-4-HYDROXY-PIPERIDINIUM BROMIDE alpha-2-CYCLOPENTEN-1-YL-2-THIOPHENEACETATE see: TN4968000
1,1-DIMETHYL-3-HYDROXYPIPERIDINIUM BROMIDE DIMETHYLCARBAMATE (ester) see: TN4970000
1,1-DIMETHYL-4-HYDROXY-PIPERIDINIUM CHLORIDE alpha-2-CYCLOHEXEN-1-YL-2-THIOPHENEACETATE see: TN4972500
1,1-DIMETHYL-4-HYDROXY-PIPERIDINIUM CHLORIDE alpha-2-CYCLOPENTEN-1-YL-2-THIOPHENEACETATE see: TN4972600
6-alpha,21-DIMETHYL-17-beta-HYDROXY-17-alpha-PREG-4-EN-20-YN-3-ONE see: BV8510000
6-alpha,21-DIMETHYL-17-beta-HYDROXY-17-alpha-PREGN-4-EN-20-YN-3-ONE see: BV8510000
1,1-DIMETHYL-3-HYDROXYPYRROLIDINIUM BROMIDE alpha-CYCLOPENTYLMANDELATE see: UY4337630
O,O-DIMETHYL-(1-HYDROXY-2,2,2-TRICHLORAETHYL)PHOSPHONSAEURE ESTER (German) see: TA0700000
O,O-DIMETHYL-(1-HYDROXY-2,2,2-TRICHLORATHYL) PHOSPHAT (German) see: TA0700000
O,O-DIMETHYL-(1-HYDROXY-2,2,2-TRICHLORO)ETHYL PHOSPHATE see: TA0700000
α-METHYL 1-HYDROXY-2,2,2-TRICHLOROETHYL PHOSPHONATE see: TA0700000
O,O-DIMETHYL (1-HYDROXY-2,2,2-TRICHLOROETHYL)PHOSPHONATE see: TA0700000
DIMETHYLIMIPRAMINE see: HO0350000
N,N-DIMETHYL-p-(6-INDAZYLAZO)ANILINE see: NK7920200
N,N-DIMETHYL-4-(6'-1H-INDAZYLAZO)ANILINE see: NK7920200
2,3-DIMETHYLINDOLE see: NL7185000
4,7-DIMETHYL-3 INDOLEACETIC ACID see: NL3525500
5,7-DIMETHYL-INDOLE-2,3-DIONE see: NL7930000
N,N-DIMETHYL-alpha-INDOLYLIDENE-p-TOLUIDINE see: NK8350000
N,N-DIMETHYL-2-IODOACETAMIDE see: AB8060000
DIMETHYLIONONE see: SB4400000
1,3-DIMETHYL-alpha-IONONE see: SB4400000
5,7-DIMETHYLISATIN see: NL7930000
alpha,alpha-DIMETHYL-N-ISOBUTYLCYCLOHEXANEETHYLAMINE see: GV2150000
2,8-DIMETHYL-6-ISOBUTYLNONANOL-4 see: RA7600000
alpha,alpha-DIMETHYL-N-ISOBUTYLPHENETHYLAMINE see: SH5605000
DIMETHYL ISOPHTHALATE see: NT2540000
2,4-DIMETHYL-5-(4-ISOPROPOXYBENZYL)PYRIMID-6-YLAMINOPHOSPHORIC ACID DIETHYLENIMIDE see: SZ5828400
5,6-DIMETHYL-3-ISOPROPOXY-as-TRIAZINE see: XY7452000
DIMETHYL-5-(1-ISOPROPYL-3-METHYL-PYRAZOLYL)-CARBAMATE see: FA2100000
O,O-DIMETHYL-S-2-(ISOPROPYLTHIO)ETHYLPHOSPHORODITHIOATE see: TE4465000
N,N-DIMETHYL-4-(5'-ISOQUINOLINYLAZO)ANILINE see: NW9625000
3,4-DIMETHYLISOXALE-5-SULFANILAMIDE see: WO9100000
3,4-DIMETHYLISOXAZOLE-5-SULPHANILAMIDE see: WO9100000
N(sup 1)-(3,4-DIMETHYL-5-ISOXAZOLYL)SULFANILAMIDE see: WO9100000
N'-(3,4)DIMETHYLISOXAZOL-5-YL-SULPHANILAMIDE see: WO9100000

N(sup 1)-(3,4-DIMETHYL-5-ISOXAZOLYL)SULPHANILAMIDE see: WO9100000
DIMETHYLKETAL see: AL3150000
DIMETHYLKETOL see: EL8790000
DIMETHYLKETONHELVETICOSID (German) see: FH4920350 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-METHYLETHYLIDENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14,19-TRIHYDROXY-
DIMETHYL KETONE see: AL3150000
O,O-DIMETH...KRUKOVINE see: SF6850000
N,N-DIMETHYLLAURYLAMINE see: JR6600000
N,N-DIMETHYL-4-(3',5'-LUTIDYL-1'-OXIDE)AZO)ANILINE see: OL0525000
DIMETHYLMAGNESIUM see: OM3190000
DIMETHYLMAGNESIUM (DOT) see: OM3190000
alpha,beta-DIMETHYLMALEIC ANHYDRIDE see: ON4025000
DIMETHYL MALONATE see: OO0950000
DIMETHYL MERCURY see: OW3010000
DIMETHYLMETHANE see: TX2275000
N,N-DIMETHYL-N'-(6-METHOXY-2-BENZOTHIAZOLYL)-N'-(p-METHOXYBENZYL)ETHYLENEDIAMINE FUMARATE see: KV4394000
(-)-N,alpha-DIMETHYL-N-(p-METHOXYBENZYL)PHENETHYLAMINE CYCLOHEXANESULFAMATE see: SH5632000
N,N-DIMETHYL-N'-(p-METHOXYBENZYL)-N'-(2-PYRIMIDYL)ETHYLENEDIAMINE see: UV8575000
DIMETHYL 2-METHOXYCARBONYL-1-METHYLVINYL PHOSPHATE see: GQ5250000
DIMETHYL METHOXYCARBONYLPROPENYL PHOSPHATE see: GQ5250000
DIMETHYL (1-METHOXYCARBOXYPROPEN-2-YL)PHOSPHATE see: GQ5250000
N,N-DIMETHYL beta-METHOXY-beta-(CHLORO-4-PHENYL)-ETHYLAMINE see: SH1235000
O,O-DIMETHYL S-(2-METHOXYETHYLCARBAMOYL METHYL) PHOSPHORODITHIOATE see: TE1575000
O,O-DIMETHYL S-(2-METHOXYETHYLCARBAMOYL)-PHOSPHORODITHIOATE see: TE1575000
3,7-DIMETHYL-6-METHOXY-8-ISOCHROMANOL see: NQ7185000
O,O-DIMETHYL S-(5-METHOXY-4-OXO-4H-PYRAN-2-YL)PHOSPHOROTHIOATE see: TF8225000
N,N-DIMETHYL beta-METHOXYPHENETHYLAMINE see: SH5631000
N,alpha-DIMETHYL-m-METHOXYPHENETHYLAMINE HYDROCHLORIDE see: SH5670000
N,alpha-DIMETHYL-p-METHOXYPHENETHYLAMINE HYDROCHLORIDE see: SH5671000
erythro-2-(p-(alpha,beta-DIMETHYL-p-METHOXYPHENETHYL)PHENOXY)-N,N-DIMETHYLETHYLAMINE see: KR6115000
erythro-1-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYPHENETHYL)PHENOXY)ETHYL)PIPERIDINE see: TM7293600
erythro-1-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYPHENETHYL)PHENOXY)ETHYL)PYRROLIDINE HCl see: UY0912000
threo-2-(p-(alpha,beta-DIMETHYL-p-METHOXYPHENETHYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE1677000
N,N-DIMETHYL-p-(2-METHOXYPHENYLAZO)ANILINE see: BX6125000
N,N-DIMETHYL-p-(3-METHOXYPHENYLAZO)ANILINE see: BX6300000
N,N-DIMETHYL-p-(4-METHOXYPHENYLAZO)ANILINE see: BX6475000
p-(2,2-DIMETHYL-7-METHOXY-4-PHENYL-2H-1-BENZOPYRAN-3-YL)PHENOL see: SL1995500
1-(2-(4-(2,2-DIMETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE HCl see: UY0916000
p-(2,2-DIMETHYL-7-METHOXY-4-PHENYL-3-CHROMANYL)PHENOL see: SL0680000
N,N-DIMETHYL beta-METHOXY beta-PHENYLETHYLAMINE see: SH5631000
2,2-DIMETHYL-7-METHOXY-3-PHENYL-4-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-2H-1-BENZOPYRAN see: UY0914000
2,5-DIMETHYL-2-(p-METHOXYPHENYL)-1-THIA-3-AZA-2-SILACYCLOPENTANE see: XI0590000
2,5-DIMETHYL-2-(p-METHOXYPHENYL)-1,3,2-THIAZAGERMOLIDINE see: XJ0410000
3,3-DIMETHYL-1-p-METHOXYPHENYLTRIAZENE see: XY1225000
alpha,alpha-DIMETHYL-6-METHOXY-beta-PROPYL-3,4-DIHYDRO-2-NAPHTHALENEPROPIONIC ACID see: QK0302200
5,11-DIMETHYL-9-METHOXY-6H-PYRIDO(4,3-b)CARBAZOLE HYDROCHLORIDE HYDRATE see: UU8841000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-9-METHOXY-, HYDROCHLORIDE, HYDRATE
5,11-DIMETHYL-9-METHOXY-6H-PYRIDO(4,3-b)CARBAZOLE LACTATE see: UU8842000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-9-METHOXY-, LACTATE
N'-(5,11-DIMETHYL-9-METHOXY-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-N-ETHYL-1,3-PROPANEDIAMINE see: TX7850000
O,O-DIMETHYL S-(5-METHOXYPYRONYL-2-METHYL) THIOPHOSPHATE see: TF8225000
trans-4-(2-(p-(alpha,beta-DIMETHYL p-METHOXYSTYRYL)PHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE see: QE2130000
trans-1-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYSTYRYL)PHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE see: TM7293700
trans-1-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYSTYRYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UY0950000
2-(p-(alpha,beta-DIMETHYL-p-METHOXYSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE1690000
(O,O-DIMETHYL)-S-(-2-METHOXY-delta(sup 2)-1,3,4-THIADIAZOLIN-5-ON-4-YLMETHYL)DITHIOPHOSPHATE see: TE2100000
O,O-DIMETHYL S-(5-METHOXY-1,3,4-THIADIAZOLINYL-3-METHYL) DITHIOPHOSPHATE see: TE2100000
O,O-DIMETHYL-S-(2-METHOXY-1,3,4-THIADIAZOL-5-(4H)-ONYL-(4)-METHYL)-DITHIOPHOSPHAT (German) see: TE2100000
O,O-DIMETHYL-S-(2-METHOXY-1,3,4-THIADIAZOL-5(4H)-ONYL-(4)-METHYL) PHOSPHORODITHIOATE see: TE2100000
O,O-DIMETHYL S-((2-METHOXY-1,3,4 (4H)-THIODIAZOL-5-ON-4-YL)-METHYL)-DITHIOFOSFAAT (Dutch) see: TE2100000
5,6-DIMETHYL-3-METHOXY-as-TRIAZINE see: XY7454000
N,N-DIMETHYL-N'-(((METHYLAMINO)CARBONYL)OXY)PHENYLMETHANIMIDAMIDE MONOHYDROCHLORIDE see: FC2800000
O,O-DIMETHYL S-(2-(METHYLAMINO)-1-(METHYLAMINO)CARBONYL)-2-OXOETHYLPHOSPHORODITHIOATE see: TE1420000
3,3-DIMETHYL-2-(METHYLAMINO)NORBORNANE HYDROCHLORIDE see: RB7174000
O,O-DIMETHYL S-(2-(METHYLAMINO)-2-OXOETHYL) PHOSPHORODITHIOATE see: TE1750000
O,O-DIMETHYL S-(2-(METHYLAMINO)-2-OXOETHYL)PHOSPHOROTHIOATE see: TF8050000
S-(2-((1,1-DIMETHYL-2-(METHYLAMINO)-2-OXOETHYL)THIO)ETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE1500000
O,O-DIMETHYL O-(4-((METHYLAMINO)SULFONYL)PHENYL)PHOSPHOROTHIOATE see: TF7800000
alpha-5,9-DIMETHYL-2(N)-METHYL-6,7-BENZOMORPHAN HYDROCHLORIDE see: PB8420000
N,N-DIMETHYL-N'-(5-METHYL-2-BENZOTHIAZOLYL)-N'-(p-METHYLBENZYL)ETHYLENEDIAMINE FUMARATE see: KV4394200
N,N-DIMETHYL alpha-METHYLBENZYLAMINE see: DP6825000
(-)-N,alpha-DIMETHYL-N-(p-METHYLBENZYL)PHENETHYLAMINE HYDROCHLORIDE see: SH5692000
O,O-DIMETHYL S-2-(1-N-METHYLCARBAMOYLETHYLMERCAPTO)ETHYL THIOPHOSPHATE see: TF7900000
DIMETHYL S-(2-(1-METHYLCARBAMOYLETHYLTHIO ETHYL) PHOSPHOROTHIOLATE see: TF7900000
O,O-DIMETHYL S-(2-(1-METHYLCARBAMOYLETHYLTHIO)ETHYL)PHOSPHOROTHIOATE see: TF7900000
O,O-DIMETHYL S-(N-METHYL-CARBAMOYL)-METHYL-DITHIOFOSFAAT (Dutch) see: TE1750000
(O,O-DIMETHYL S-(N-METHYL-CARBAMOYL METHYL)-DITHIOPHOSPHAT) (German) see: TE1750000
O,O-DIMETHYL S-(N-METHYLCARBAMOYLMETHYL) DITHIOPHOSPHATE see: TE1750000
O,O-DIMETHYL S-((N-METHYL-CAREAMOYL)-METHYL)-MONOTHIOFOSFAAT (Dutch) see: TF8050000
O,O-DIMETHYL S-(N-METHYL-CARBAMOYL)-METHYL-MONOTHIOPHOSPHAT (German) see: TF8050000
O,O-DIMETHYL METHYLCARBAMOYLMETHYL PHOSPHORODITHIOATE see: TE1750000
O,O-DIMETHYL S-(N-METHYLCARBAMOYLMETHYL) PHOSPHORODITHIOATE see: TE1750000
O,O-DIMETHYL S-((METHYLCARBAMOYL)METHYL) PHOSPHOROTHIOATE see: TF8050000
O,O-DIMETHYL S-(N-METHYLCARBAMOYLMETHYL)PHOSPHOROTHIOATE see: TF8050000
DIMETHYL-S-(N-METHYL-CARBAMOYL-METHYL)PHOSPHOROTHIOLATE see: TF8050000
O,O-DIMETHYL S-(N-METHYLCARBAMOYLMETHYL) PHOSPHOROTHIOLATE see: TF8050000
O,O-DIMETHYL S-(N-METHYLCARBAMOYLMETHYL) THIOPHOSPHATE see: TF8050000
O,O-DIMETHYL-O-(2-N-METHYLCARBAMOYL-1-METHYL-VINYL)-FOSFAAT (Dutch) see: TC4375000
O,O-DIMETHYL-O-(2-N-METHYLCARBAMOYL-1-METHYL)-VINYL-PHOSPHAT (German) see: TC4375000
O,O-DIMETHYL-O-(2-N-METHYLCARBAMOYL-1-METHYL-VINYL) PHOSPHATE see: TC4375000
N,N-DIMETHYL-alpha-METHYLCARBAMOYLOXYIMINO-alpha-(METHYLTHIO)ACETAMIDE see: RP2300000
N',N'-DIMETHYL-N-((METHYLCARBAMOYL)OXY)-1-THIOOXAMIMIDIC ACID METHYL ESTER see: RP2300000
O,O-DIMETHYL S-(N-METHYLCARBAMYLMETHYL) THIOTHIONOPHOSPHATE see: TE1750000
O,O-DIMETHYL O-(1-METHYL-2-CARBOXY-alpha-PHENYLETHYL)VINYL PHOSPHATE see: GQ5075000
O,O-DIMETHYL O-(1-METHYL-2-CARBOXYVINYL) PHOSPHATE see: GQ5250000
(O,O-DIMETHYL-O-(1-METHYL-2-CHLORO-2-DIETHYLCARBAMOYL-VINYL) PHOSPHATE) see: TC2800000
N,N-DIMETHYL-N'-(2-METHYL-4-CHLOROPHENYL)FORMAMIDINE see: LQ4375000
N,N-DIMETHYL-N'-(2-METHYL-4-CHLOROPHENYL)-FORMAMIDINE, HYDROCHLORIDE see: LQ4550000
2,6-DIMETHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)PIPERIDINE see: TM7294000
O,O-DIMETHYL S-(3-METHYL-2,4-DIOXO-3-AZA-BUTYL)-DITHIOFOSFAAT (Dutch) see: TE1050000
O,O-DIMETHYL S-(3-METHYL-2,4-DIOXO-3-AZA-BUTYL)-DITHIOPHOSPHAT (German) see: TE1050000
N,N-DIMETHYL-2-((METHYLDIPHENYLSILYL)OXY)ETHYLAMINE see: KR6119170
DIMETHYL (4-METHYL-1,3-DITHIOLAN-2-YLIDENE)PHOSPHORAMIDOTHIOATE see: NJ6455000
2,3-DIMETHYL-5-METHYLENE-2-CYCLOPENTEN-1-ONE see: GY7280000
N,N-DIMETHYL-4,4'-METHYLENEDIANILINE see: BX6600000
N,N'-DIMETHYL-4,4'-METHYLENEDIANILINE see: BX6600010
N,N-DIMETHYL-3,4-METHYLENEDIOXYCINNAMAMIDE see: GD7290000
4,4-DIMETHYL-1-(3,4-METHYLENEDIOXYPHENYL)-1-PENTEN-3-OL see: SB3393000
N,N-DIMETHYL-3,4-METHYLENEDIOXYTHIOBENZAMIDE see: CV4705000
N,N-DIMETHYL-3,4-METHYLENEDIOXYTHIOCINNAMAMIDE see: GD7292000
DIMETHYLMETHYLENE-p,p'-DIPHENOL see: SL6300000
p,p'-DIMETHYLMETHYLENEDIPHENOL DIGLYCIDYL ETHER see: SL1998000
2,4-DIMETHYL-2-METHYLENE-1,2,4-THIADIAZOLIDINETHIONE see: XI4817700
O,O-DIMETHYL O-(3-((1-METHYLETHYL)THIO)-4-NITROPHENYL) PHOSPHOROTHIOATE see: TG2300000
O,O-DIMETHYL-s-(N-METHYL-N-FORMYL-CARBAMOYLMETHYL)-DITHIOPHOSPHAT (German) see: TE1050000
O,O-DIMETHYL S-(N-METHYL-N-FORMYLCARBAMOYLMETHYL)PHOSPHORODITHIOATE see: TE1050000
DIMETHYL METHYL MALEATE see: GE6700000
O,O-DIMETHYL O-4-(METHYLMERCAPTO)-3-METHYLPHENYL PHOSPHOROTHIOATE see: TF9625000
O,O-DIMETHYL O-4-(METHYLMERCAPTO)-3-METHYLPHENYL THIOPHOSPHATE see: TF9625000
O,O-DIMETHYL O-(4-METHYLMERCAPTOPHENYL) PHOSPHATE see: TC5075000
N,N-DIMETHYL-N'-(2-METHYL-4-(((METHYLAMINO)CARBONYL)OXY)PHENYL)METHANIMIDAMIDE see: FB9880000
(S)-DIMETHYL 1-METHYL-3-(METHYLAMINO)-3-OXO-1-PROPENYL PHOSPHATE see: TC4375000
DIMETHYL 1-METHYL-2-(METHYLCARBAMOYL)VINYL PHOSPHATE, cis see: TC4375000
O,O-DIMETHYL O-(3-METHYL-4-METHYLMERCAPTOPHENYL)PHOSPHOROTHIOATE see: TF9625000
N,N-DIMETHYL-2-METHYL-4-(4'-(2'-METHYLPYRIDYL-1'-OXIDE)AZO)ANILINE see: TJ5950000
N,N-DIMETHYL-3-METHYL-4-(4'-(2'-METHYLPYRIDYL-1'-OXIDE)AZO)ANILINE see: TJ6125000
DIMETHYL 3-METHYL-4-(METHYLSULFINYL)PHENYL PHOSPHATE see: TC4985000
O,O-DIMETHYL O-(3-METHYL-4-METHYLTHIO-FENYL)-MONOTHIOFOSFAAT (Dutch) see: TF9625000
O,O-DIMETHYL O-(3-METHYL-4-METHYLTHIOPHENYL)-MONOTHIOPHOSPHAT (German) see: TF9625000
DIMETHYL 3-METHYL-4-(METHYLTHIO)PHENYL PHOSPHATE see: TC5100000
O,O-DIMETHYL O-3-METHYL-4-METHYLTHIOPHENYL PHOSPHOROTHIOATE see: TF9625000
O,O-DIMETHYL-O-(3-METHYL-4-NITROFENYL)-MONOTHIOFOSFAAT (Dutch) see: TG0350000
O,O-DIMETHYL O-(3-METHYL-4-NITRO-PHENYL)-MONOTHIOPHOSPHAT (German) see: TG0350000
O,O-DIMETHYL O-(3-METHYL-4-NITROPHENYL) PHOSPHOROTHIOATE see: TG0350000
DIMETHYL 3-METHYL-4-NITROPHENYL PHOSPHOROTHIOATE see: TG0350000
O,O-DIMETHYL O-(3-METHYL-4-NITROPHENYL) THIOPHOSPHATE see: TG0350000
3,5-DIMETHYL-4-(4-METHYL-5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER see: UX9359700
N,N-DIMETHYL-2-(o-METHYL-alpha-PHENYLBENZYLOXY)ETHYLAMINE HYDROCHLORIDE see: KR6300000
DIMETHYL-cis-1-METHYL-2-(1-PHENYLETHOXYCARBONYL)VINYL PHOSPHATE see: GQ5075000
alpha,alpha-DIMETHYL-N-(2-((4-METHYLPHENYL)PHENYLMETHOXY)ETHYL)PHENETHYLAMINE OXALATE (2:1) see: SH5755000
2,2-DIMETHYL-1-(4-METHYLPHENYL)-1-PROPANONE see: TO7944000
DIMETHYL 5-(3-METHYL-1-PHENYLPYRAZOLYL) CARBAMATE see: FA2450000
3,3-DIMETHYL-1-(m-METHYLPHENYL)TRIAZENE see: XY1300000
3,3-DIMETHYL-1-(o-METHYLPHENYL)TRIAZENE see: XY1350000
DIMETHYL METHYLPHOSPHONATE see: SZ9120000
O,O-DIMETHYL O-(3-METHYL) PHOSPHOROTHIOATE see: TG0350000
cis-N,N-DIMETHYL-9-(3-(4-METHYL-1-PIPERAZINYL)PROPYLIDENE)THIOXANTHENE-2-SULFONAMIDE see: XO1420000
DIMETHYL 3-(2-METHYL-1-PROPENYL)CYCLOPROPANECARBOXYLATE see: GZ1310000
N,N-DIMETHYL-4-(2-METHYL-4-PYRIDYLAZO)ANILINE N-OXIDE see: BX6650000
N,N-DIMETHYL-4-(4'-(2'-METHYLPYRIDYL-1'-OXIDE)AZO)ANILINE see: BX6650000
N,N-DIMETHYL-4-(4'-(3'-METHYLPYRIDYL-1'-OXIDE)AZO)ANILINE see: TJ5775000
N,N-DIMETHYL-4-(4'-(2'-METHYLPYRIDYL-1-OXIDE)AZO)-o-TOLUIDINE see: TJ6125000
N,N-DIMETHYL-4-(5-(3'-METHYLQUINOLYL)AZO)ANILINE see: VB5775000
N,N-DIMETHYL-4-(5'-(6'-METHYLQUINOLYL)AZO)ANILINE see: VB5950000
N,N-DIMETHYL-4-(5'-(7'-METHYLQUINOLYL)AZO)ANILINE see: VB6125000
N,N-DIMETHYL-4-(5'-(8'-METHYLQUINOLYL)AZO)ANILINE see: VB6300000
N,N-DIMETHYL-2'-METHYLSTILBENAMINE see: WJ4723000
3,5-DIMETHYL-4-(METHYLSULFINYL)PHENYL METHYLCARBAMATE see: FC5075000
O,O-DIMETHYL O-(p-METHYLSULFINYLPHENYL)PHOSPHOROTHIOATE see: TF9370000
DIMETHYL 4-(METHYLSULFINYL)-m-TOLYL PHOSPHATE see: TC4985000
3,3-DIMETHYL-1-(METHYLTHIO)-2-BUTANONE-O-((METHYLAMINO)CARBONYL)OXIME see: EL8200000
O,O-DIMETHYL O-(4-METHYLTHIO-3-METHYLPHENYL) PHOSPHOROTHIOATE see: TF9625000
3,5-DIMETHYL-4-(METHYLTHIO)PHENOL METHYLCARBAMATE see: FC5775000
O-(3,5-DIMETHYL-4-(METHYLTHIO)PHENYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TF4200000
(O-(3,5-DIMETHYL-4-(METHYLTHIO)PHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TF9800000
5,6-DIMETHYL-3-(METHYLTHIO)-as-TRIAZINE see: XY7455000
3,5-DIMETHYL-4-METHYLTHIOPHENYL N-METHYLCARBAMATE see: FC5775000
DIMETHYL p-(METHYLTHIO)PHENYL PHOSPHATE see: TC5075000
DIMETHYL 4-(METHYLTHIO)-m-TOLYL PHOSPHATE see: TC5100000
O,O-DIMETHYL O-(4-(METHYLTHIO)-m-TOLYL) PHOSPHOROTHIOATE see: TF9625000
O,O-DIMETHYL O-4-(METHYLTHIO)-3,5-XYLYL PHOSPHOROTHIOATE see: TF9800000
O,O-DIMETHYL S-(N-MONOMETHYL)-CARBAMYL METHYL DITHIOPHOSPHATE see: TE1750000
DIMETHYL MONOSULFATE see: WS8225000
(9-alpha,13-alpha,14-alpha)-3,17-DIMETHYL-MORPHINAN HYDROBROMIDE see: QC7695400
3,17-DIMETHYL-9-alpha,13-alpha,14-alpha-MORPHINAN PHOSPHATE see: QC7696000

BEST COPY AVAILABLE

2,6-DIMETHYLMORPHOLINE see: QE1750000
2',6'-DIMETHYL-N-(2-MORPHOLINOETHYL)-2-PHENYLACETANILIDE see: AE2330000
DIMETHYLMORPHOLINOPHOSPHONATE see: SZ9660000
DIMETHYL MORPHOLINOPHOSPHORAMIDATE see: SZ9660000
DIMETHYLMYLERAN see: MO2400000
(+ -)-DIMETHYLMYLERAN see: MO2365000
N,N-DIMETHYL p-(1-NAPHTHYLAZO)ANILINE see: BX7000000
N,N-DIMETHYL-4-(2'-NAPHTHYLAZO)ANILINE see: BX7005000
N,N-DIMETHYL-p-(2-(1-NAPHTHYL)VINYL)ANILINE see: BX7025000
DIMETHYLNITRAMIN (German) see: IQ0450000
DIMETHYLNITRAMINE see: IQ0450000
DIMETHYLNITROAMINE see: IQ0450000
5,6-DIMETHYL-2-NITROBENZIMIDAZOLE see: DD8772000
O,O-DIMETHYL p-NITRO-m-CHLOROPHENYL THIOPHOSPHATE see: TE8050000
O,O-DIMETHYL O-4-NITRO-3-CHLOROPHENYL THIOPHOSPHATE see: TE8050000
O,O-DIMETHYL-O-p-NITROFENYLESTER KYSELINY THIOFOS (Czech) see: TG0175000
O,O-DIMETHYL-O-(4-NITRO-FENYL)-MONOTHIOFOSFAAT (Dutch) see: TG0175000
4,6-DIMETHYL-2-(5-NITRO-2-FURYL)-PYRIMIDINE see: UV8900000
1,2-DIMETHYL-5-NITROIMIDAZOLE see: NI5075000
4,5-DIMETHYL-2-NITROIMIDAZOLE see: NI5155000
N,N-DIMETHYL-2-NITRO-1-IMIDAZOLEACETAMIDE see: NI3345000
N,N-DIMETHYL-2-NITRO-1-IMIDAZOLEBUTYRAMIDE see: NI3885000
DIMETHYLNITROMETHANE see: TZ5250000
O,O-DIMETHYL O-(4-NITRO-3-METHYLPHENYL)THIOPHOSPHATE see: TG0350000
N,N-DIMETHYL-p-((m-NITROPHENYL)AZO)ANILINE see: BX7050000
N,N-DIMETHYL-p-((o-NITROPHENYL)AZO)ANILINE see: BX7100000
N-(2,6-DIMETHYL-4-NITROPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA see: YT0340000
O,O-DIMETHYL-O-(4-NITRO-PHENYL)-MONOTHIOPHOSPHAT (German) see: TG0175000
DIMETHYL p-NITROPHENYL MONOTHIOPHOSPHATE see: TG0175000
O,O-DIMETHYL O-(p-NITROPHENYL) PHOSPHOROTHIOATE see: TG0175000
O,O-DIMETHYL O-(3-NITROPHENYL) PHOSPHOROTHIOATE see: TG0100000
O,O-DIMETHYL-O-(4-NITROPHENYL) PHOSPHOROTHIOATE see: TG0175000
DIMETHYL 4-NITROPHENYL PHOSPHOROTHIONATE see: TG0175000
N,N-DIMETHYL-N'-(o-NITROPHENYL)-1,3-PROPANEDIAMINE MONOHYDROCHLORIDE see: TX7975000
trans-2,3-DIMETHYL-6-NITRO-4-PHENYL-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROCHLORIDE see: NX5072500
N(sup 1),N(sup 1)-DIMETHYL-4-((o-NITROPHENYL)THIO)METANILAMIDE see: QY2220000
O,O-DIMETHYL-O-(p-NITROPHENYL)-THIONOPHOSPHAT (German) see: TG0175000
O,O-DIMETHYL O-(p-NITROPHENYL) THIONOPHOSPHATE see: TG0175000
DIMETHYL-p-NITROPHENYL THIONPHOSPHATE see: TG0175000
2,5-DIMETHYL-1-(4-((4-NITROPHENYL)THIO)PHENYL)-1H-PYRROLE see: UX9475000
O,O-DIMETHYL O-p-NITROPHENYL THIOPHOSPHATE see: TG0175000
DIMETHYL p-NITROPHENYL THIOPHOSPHATE see: TG0175000
3,3-DIMETHYL-1-(p-NITROPHENYL)TRIAZENE see: XY1450000
2,3-DIMETHYL-4-NITROPYRIDINE 1-OXIDE see: UT2807000
DIMETHYLNITROSAMIN (German) see: IQ0525000
DIMETHYLNITROSAMINE see: IQ0525000
N,N-DIMETHYLNITROSAMINE see: IQ0525000
DIMETHYLNITROSOAMINE see: IQ0525000
N,N-DIMETHYL-p-NITROSOANILINE see: BX7175000
2',3-DIMETHYL-4-NITROSOAZOBENZENE see: CO3670000
3,3'-DIMETHYL-4-NITROSOBIPHENYL see: DV3985000
DIMETHYLNITROSOHARNSTOFF (German) see: YT0350000
N,O-DIMETHYL-N-NITROSOHYDROXYLAMINE see: PF8600000
DIMETHYLNITROSOMORPHOLINE see: QE2150000
2,6-DIMETHYLNITROSOMORPHOLINE see: QE2150000
2,6-DIMETHYL-4-NITROSOMORPHOLINE cis and trans mixture (2:1) see: QE2167000
DIMETHYL(p-NITROSOPHENYL)AMINE see: BX7175000
N,N'-DIMETHYL-N-NITROSO-N'-PHENYLUREA see: YT0370000
3,5-DIMETHYL-1-NITROSOPIPERAZINE see: TL6219000
2,6-DIMETHYLNITROSOPIPERIDINE see: TM7320000
3,5-DIMETHYLNITROSOPIPERIDINE see: TM7322000
3,5-DIMETHYL-1-NITROSOPIPERIDINE see: TM7322000
cis-3,5-DIMETHYL-1-NITROSOPIPERIDINE see: TM7322350
trans-3,5-DIMETHYL-1-NITROSOPIPERIDINE see: TM7322300
2,5-DIMETHYL-N-NITROSOPYRROLIDINE see: UY1010000
N,N'-DIMETHYLNITROSOUREA see: YT0350000
1,3-DIMETHYLNITROSOUREA see: YT0350000
1,3-DIMETHYL-N-NITROSOUREA see: YT0350000
O,O-DIMETHYL O-4-NITRO-m-TOLYL PHOSPHOROTHIOATE see: TG0350000
3,7-DIMETHYL-2,6-NONADIEN-1-AL see: RA5392500
3,7-DIMETHYL-1,6-NONADIEN-3-OL see: RA5395000
3,7-DIMETHYL-1,6-NONADIEN-3-YL ACETATE see: RA5395200
2,2'-((2,8-DIMETHYL-5,5-NONYLIDENE)DITHIO)BIS(ETHYLAMINE) see: KR6365000 ETHYLAMINE, 2,2'-((2,8-DIMETHYL-5,5-NONYLIDENE)DITHIO)BIS-
2,2'-((2,8-DIMETHYL-5,5-NONYLIDENE)DITHIO)BIS(1-PROPYLAMINE) see: UI1610000 1-PROPYLAMINE,2,2'-((2,8-DIMETHYL-5,5-NONYLIDENE)DITHIO)BIS-
3,5-DIMETHYL-4-(4-NONYL-5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER see: UX9359800
17,17-DIMETHYL-18-NORANDROST-4,13-DIEN-3-ONE see: NM3250000
N-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)DIPROPYLAMINE CITRATE see: TX1537000
4-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)MORPHOLINE CITRATE see: QE2180000
1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)-2-PIPECOLINE HYDROCHLORIDE see: TK6025200
1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)-3-PIPECOLINE HYDROCHLORIDE see: TK6025300
1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)-4-PIPECOLINE HYDROCHLORIDE see: TK6025400
1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)PIPERIDINE CITRATE see: TM7322500
1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)PYRROLIDINE CITRATE see: UY1010500
2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)TRIETHYLAMINE CITRATE see: YE1693000
6,6-DIMETHYL-2-NORPINENE-2-ETHANOL, ACETATE see: RC8880000
4-(2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)ETHYL)MORPHOLINE CITRATE see: QE2190000
4-(2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)ETHYL)MORPHOLINE MALEATE see: QE2200000
1-(2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)ETHYL)PIPERIDINE CITRATE see: TM7322600
2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)TRIETHYLAMINE CITRATE see: YE1694000
2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE1695000
2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)TRIETHYLAMINE MALEATE see: YE1696000
DIMETHYLOCTADECYLAMINE CHLORHYDRATE see: RG4210000
N,N-DIMETHYLOCTADECYLAMINE HYDROCHLORIDE see: RG4210000
N,N-DIMETHYL-1-OCTADECYLAMINE HYDROCHLORIDE see: RG4210000
DIMETHYLOCTADECYLBENZYLAMMONIUM CHLORIDE see: BO7000000
N,N-DIMETHYL-n-OCTADECYL(2-HYDROXY-3-CHLOROPROPYL)AMMONIUM CHLORIDE see: BR0785000
trans-3,7-DIMETHYL-2,6-OCTADIENAL see: RG5075100
3,7-DIMETHYL-2,6-OCTADIENAL see: RG5075000
(E)-3,7-DIMETHYL-2,6-OCTADIENENITRILE see: RC5370000
2,6-DIMETHYL-2,7-OCTADIENE-6-OL see: RG5775000
3,7-DIMETHYL-2,6(AND 2,7)-OCTADIENOIC ACID see: RG5380000
2,6-DIMETHYL-trans-2,6-OCTADIEN-8-OL see: RG5830000
2,6-DIMETHYLOCTA-2,7-DIEN-6-OL see: RG5775000
2,6-DIMETHYL-5,7-OCTADIEN-2-OL see: RG5905000
3,7-DIMETHYL-1,6-OCTADIEN-3-OL see: RG5775000
3,7-DIMETHYLOCTA-1,6-DIEN-3-OL see: RG5775000
2-cis-3,7-DIMETHYL-2,6-OCTADIEN-1-OL see: RG5840000
3,7-DIMETHYL-trans-2,6-OCTADIEN-1-OL see: RG5830000
3,7-DIMETHYL-1,6-OCTADIEN-3-OL ACETATE see: RG5910000
trans-3,7-DIMETHYL-2,6-OCTADIEN-1-OL, ACETATE see: RG5920000
trans-3,7-DIMETHYL-2,6-OCTADIEN-1-OL, 2-BUTENOATE see: RG5925500
3,7-DIMETHYL-2,6-OCTADIEN-1-OL, FORMATE (cis) see: RG5925800
trans-3,7-DIMETHYL-2,6-OCTADIEN-1-OL FORMATE see: RG5925700
cis-3,7-DIMETHYL-2,6-OCTADIEN-1-OL, PROPIONATE see: RG5927910
3,7-DIMETHYL-1,6-OCTADIEN-3-YL ACETATE see: RG5910000
3,7-DIMETHYL-2-trans, 6-OCTADIENYL ACETATE see: RG5920000
trans-3,7-DIMETHYL-2,6-OCTADIEN-1-YL ACETATE see: RG5920000
3,7-DIMETHYL-1,6-OCTADIEN-3-YL o-AMINOBENZOATE see: CB3250000
3,7-DIMETHYL-1,6-OCTADIEN-3-YL BENZOATE see: DH3300000
3,7-DIMETHYL-2-trans, 6-OCTADIENYL CROTONATE see: RG5925500
trans-3,7-DIMETHYL-2,6-OCTADIEN-1-YL cis-alpha,beta-DIMETHYL ACRYLATE see: RG5927900
trans-2,6-DIMETHYL-2,6-OCTADIEN-8-YL ETHANOATE see: RG5920000
trans-3,7-DIMETHYL-2,6-OCTADIEN-1-YL FORMATE see: RG5925700
(E)-3,7-DIMETHYLOCTA-2,6-DIEN-1-YL n-HEXANOATE see: RG5926000
trans-3-7-DIMETHYL-2,6-OCTADIENYL ISOBUTYRATE see: UR5410000
3,7-DIMETHYL-1,6-OCTADIEN-3-YL ISOBUTYRATE see: NQ4610000
trans-3,7-DIMETHYL-2,6-OCTADIENYL ISOPENTANOATE see: RG5927700
3,7-DIMETHYL-1,6-OCTADIEN-3-YL ISOVALERATE see: RG5927200
3,7-DIMETHYL-2-cis-6-OCTADIEN-1-YL ISOVALERATE see: RG5927710
3,7-DIMETHYL-1,7-OCTANEDIOL see: RG9605000
DIMETHYLOCTANOL see: RH0900000
2,6-DIMETHYL-8-OCTANOL see: RH0900000
3,7-DIMETHYL-1-OCTANOL see: RH0900000
3,7-DIMETHYLOCTANOL-3 see: RH0905000
3,7-DIMETHYLOCTANYL ACETATE see: RH0920000
3,7-DIMETHYLOCTANYL BUTYRATE see: EK7820000
DIMETHYLOCTATRIENE (mixed isomer) see: RH2000000
3,7-DIMETHYL-6-OCTENOIC ACID see: RH3230000
2,6-DIMETHYL-2-OCTEN-8-OL see: RH3400000
2,6-DIMETHYL-7-OCTEN-2-OL see: RH3420000
3,7-DIMETHYL-6-OCTEN-1-OL see: RH3400000
2,6-DIMETHYL-2-OCTEN-8-OL, BUTYRATE see: RH3430000
DIMETHYL OCTENYL ACETATE see: RH3423000
2,7-DIMETHYL-6-OCTEN-4-YL ACETATE see: RH3423000
3,7-DIMETHYL-6-OCTEN-1-YL ACETATE see: RH3422500
2,6-DIMETHYL-2-OCTEN-8-YL BUTYRATE see: RH3430000
2,6-DIMETHYL-2-OCTEN-8-YL FORMATE see: RH3480000
3,7-DIMETHYL-6-OCTEN-1-YL FORMATE see: RH3480000
3,7-DIMETHYL-6-OCTEN-1-YL PHENYLACETATE see: AJ2742000
3,7-DIMETHYLOCTYL ACETATE see: RH0920000
DIMETHYLOCTYLAMINE CHLORHYDRATE (French) see: RH6989000
N,N-DIMETHYLOCTYLAMINE HYDROCHLORIDE see: RH6989000
N,N-DIMETHYL-1-OCTYLAMINE HYDROCHLORIDE see: RH6989000
DIMETHYLOLDIHYDROXYETHYLENEUREA see: NJ0607000
DIMETHYLOLGLYOXALUREA see: NJ0607000
1-DIMETHYLOLIVACINE see: UU8850000 6H-PYRIDO(4,3-b)CARBAZOLE, 5-METHYL-
DIMETHYLOLPROPANE see: TY5775000
DIMETHYLOLPROPANE DIACRYLATE see: AS8925000
N-DEMETHYLORPHENADRINE HYDROCHLORIDE see: KR9100000
2,3-DIMETHYL-7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLIC ANHYDRIDE see: RN8575000
O,O-DIMETHYL 1,3-OXATHIOLAN-2-YLIDENEPHOSPHORAMIDOTHIOATE see: NJ6465000
DIMETHYL OXAZOLIDINE see: RP7211000
4,4-DIMETHYLOXAZOLIDINE see: RP7211000
DIMETHYLOXAZOLIDINEDIONE see: RP9100000
5,5-DIMETHYLOXAZOLIDINE-2,4-DIONE see: RP9100000
5,5-DIMETHYL-2,4-OXAZOLIDINEDIONE see: RP9100000
N(sup 1)-(4,5-DIMETHYL-2-OXAZOLYL)SULFANILAMIDE see: WO9150000
3,3-DIMETHYLOXETANE see: TZ3150000
3,3-DIMETHYL-2-OXETANONE see: RQ7525000
3,3-DIMETHYL-2-OXETHANONE see: RQ7525000
1,3-DIMETHYL-4-(OXIRANYLMETHOXY)-1H-INDOLE-2-CARBOXYLIC ACID ETHYL ESTER see: NL5998930
1,2-DIMETHYL-5-(OXIRANYLMETHOXY)-1H-INDOLE-3-CARBOXYLIC ACID ETHYL ESTER see: NL5998950
O,O-DIMETHYL-S-(2-OXO-3-AZA-BUTYL)-DITHIOPHOSPHAT (German) see: TE1750000
O,O-DIMETHYL-S-(2-OXO-3-AZABUTYL)-MONOTHIOPHOSPHATE see: TF8050000
N,N-DIMETHYL-2-OXO-2H-1-BENZOPYRAN-3-CARBOXAMIDE see: DJ2260270
O,O-DIMETHYL S-((2-OXO-3(2H)-BENZOTHIAZOLYL)METHYL) PHOSPHORODITHIOATE see: TE1840000
O,O-DIMETHYL S-(4-OXO-1,2,3-BENZOTRIAZINO(3)-METHYL) THIONOTHIONOPHOSPHATE see: TE1925000
O,O-DIMETHYL S-(4-OXO-3H-1,2,3-BENZOTRIAZINE-3-METHYL)PHOSPHORODITHIOATE see: TE1925000
O,O-DIMETHYL S-(4-OXOBENZOTRIAZINO-3-METHYL)PHOSPHORODITHIOATE see: TE1925000
O,O-DIMETHYL-S-((4-OXO-3H-1,2,3-BENZOTRIAZIN-3-YL)-METHYL)-DITHIOFOSFAAT (Dutch) see: TE1925000
O,O-DIMETHYL-S-((4-OXO-3H-1,2,3-BENZOTRIAZIN-3-YL)-METHYL)-DITHIOPHOSPHAT (German) see: TE1925000
O,O-DIMETHYL S-4-OXO-1,2,3-BENZOTRIAZIN-3(4H)-YLMETHYL PHOSPHORODITHIOATE see: TE1925000
O,O-DIMETHYL S-((2-OXO-3(2H)-BENZOXAZOLYL)METHYL) PHOSPHORODITHIOATE see: TE2000000
N-(1,1-DIMETHYL-3-OXOBUTYL)ACRYLAMIDE see: AS3475000
N-(1,1-DIMETHYL-3-OXOBUTYL)-2-PROPENAMIDE see: AS3475000
(5,5-DIMETHYL-3-OXO-CYCLOHEX-1-EN-YL)-N,N-DIMETHYL-CARBAMAAT (Dutch) see: FA1500000
(5,5-DIMETHYL-3-OXO-CYCLOHEX-1-EN-YL)-N,N-DIMETHYL-CARBAMAT (German) see: FA1500000
5,5-DIMETHYL-3-OXO-1-CYCLOHEXEN-1-YL DIMETHYLCARBAMATE see: FA1500000
5,5-DIMETHYL-3-OXOCYCLOHEX-1-ENYL DIMETHYLCARBAMATE see: FA1500000
beta-(2-(3,5-DIMETHYL-2-OXOCYCLOHEXYL)-2-HYDROXYETHYL)GLUTARIMIDE see: MA4375000
3-(2-(3,5-DIMETHYL-2-OXOCYCLOHEXYL)-2-HYDROXYETHYL)GLUTARIMIDE see: MA4375000
2,6-DIMETHYL-4-(1-OXOHEXYL)MORPHOLINE see: QE2200000
3,7-DIMETHYL-1-(5-OXOHEXYL)-1H,3H-PURIN-2,6-DIONE see: XH2475000
DIMETHYLOXOHEXYLXANTHINE see: XH2475000
3,7-DIMETHYL-1-(5-OXOHEXYL)XANTHINE see: XH2475000
3,5-DIMETHYL-4-(5-OXO-4-PENTYL-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER see: UX9359900
2-(2,2-DIMETHYL-1-OXOPROPYL)-1H-INDENE-1,3(2H)-DIONE see: NK6300000
3,5-DIMETHYL-4-(5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER see: UX9359920
DIMETHYLOXOSTANNANE see: WH7526500

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

O,O-DIMETHYL-S-(3-OXO-3-THIA-PENTYL)-MONOTHIOPHOSPHAT (German) see: TG1420000
DIMETHYLOXYCHINIZIN see: CD2450000
2,2-DIMETHYL-4-OXYMETHYL-1,3-DIOXOLANE see: JI0400000
1-(2,5-DIMETHYLOXYPHENYLAZO)-2-NAPHTHOL see: QL3675000
DIMETHYLOXYQUINAZINE see: CD2450000
O,O-DIMETHYL-1-OXY-2,2,2-TRICHLOROETHYL PHOSPHONATE see: TA0700000
DIMETHYL PARATHION see: TG0175000
DIMETHYLPENTADECYLAMINE CHLORHYDRATE (French) see: RZ2133000
N,N-DIMETHYLPENTADECYLAMINE HYDROCHLORIDE see: RZ2133000
N,N-DIMETHYL-1-PENTADECYLAMINE HYDROCHLORIDE see: RZ2133000
2,3-DIMETHYLPENTANOL see: SA6650000
2,3-DIMETHYL-1-PENTANOL see: SA6650000
2,2-DIMETHYL-1-PENTANOL CARBAMATE see: SA6695000
4,4-DIMETHYL-1-PENTANOL CARBAMATE see: SA6695010
1,3-DIMETHYLPENTYLAMINE see: SC0800000
1,3-DIMETHYLPENTYLAMINE SULFATE see: SC0879200
2,2-DIMETHYLPENTYL ESTER of CARBAMIC ACID see: SA6695000
4,4-DIMETHYLPENTYL ESTER of CARBAMIC ACID see: SA6695010
DI(4-METHYL-2-PENTYL) MALEATE see: OM9950000
3,5-DIMETHYLPERHYDRO-1,3,5-THIADIAZIN-2-THION (Czech, German) see: XI2800000
16,16-DIMETHYL-PGD2 see: UK7893900
16,16-DIMETHYL-PGE2 see: UK7894000
16,16-DIMETHYL-PGE2 METHYL ESTER see: MJ9673200
16,16-DIMETHYL-trans-delta(sup 2)-PGE1 METHYL ESTER see: UK7894500
1-(1,1-DIMETHYL-2-PHENACETYLIMINO-2-PHENYLETHYL)PIPERIDINE HYDROCHLORIDE see: AC6338000
1,4-DIMETHYLPHENANTHRENE see: SF7352500
4,10-DIMETHYLPHENANTHRENE see: SF7352510
alpha,alpha-DIMETHYLPHENETHYL ACETATE see: SG8100000
alpha,alpha-DIMETHYLPHENETHYL ALCOHOL see: SG8050000
alpha,alpha-DIMETHYLPHENETHYL ALCOHOL, ACETATE see: SG8100000
alpha,alpha-DIMETHYLPHENETHYLAMINE see: SH4025000
N,beta-DIMETHYLPHENETHYLAMINE see: SH4935000
(+)-N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH5425000
d-N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH5425000
N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH5075000
N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE, (-)- see: SH5250000
DIMETHYL-beta-PHENETHYLAMINE HYDROCHLORIDE see: SH4960000
alpha,alpha-DIMETHYLPHENETHYL BUTYRATE see: ET0130000
DIMETHYLPHENOL see: ZE5425000
2,4-DIMETHYLPHENOL see: ZE5600000
2,5-DIMETHYLPHENOL see: ZE3775000
2,6-DIMETHYLPHENOL see: ZE6125000
3,4-DIMETHYLPHENOL see: ZE6300000
3,5-DIMETHYLPHENOL see: ZE6475000
3,6-DIMETHYLPHENOL see: ZE5775000
4,5-DIMETHYLPHENOL see: ZE6300000
4,6-DIMETHYLPHENOL see: ZE5600000
2,8-DIMETHYLPHENOSAFRANINE see: SG1623000
N,N-DIMETHYL-3-PHENOTHIAZINESULFONAMIDE see: SP5130000
O,O-DIMETHYL-S-(PHENYLACETIC ACID ETHYL ESTER) PHOSPHORODITHIOATE see: AI7875000
DIMETHYLPHENYLAMINE see: ZE8575000
DIMETHYLPHENYLAMINE see: BX4725000
N,N-DIMETHYLPHENYLAMINE see: BX4725000
2,3-DIMETHYLPHENYLAMINE see: ZE8750000
2,4-DIMETHYLPHENYLAMINE see: ZE8925000
2,5-DIMETHYLPHENYLAMINE see: ZE9100000
3,4-DIMETHYLPHENYLAMINE see: ZE9450000
3,5-DIMETHYLPHENYLAMINE see: ZE9625000
N-(2,3-DIMETHYLPHENYL)ANTHRANILIC ACID see: CB4550000
2-((2,3-DIMETHYLPHENYL)AMINO)BENZOIC ACID see: CB4550000
2-(((2,6-DIMETHYLPHENYL)AMINO)CARBONYL)BENZOIC ACID see: TH8490000 PHTHALANILIC ACID, 2',6'DIMETHYL-
1,5-DIMETHYL-2-PHENYL-4-AMINOPYRAZOLINE see: CD2480000
N,N-DIMETHYL-p-PHENYLAZOANILINE see: BX7350000
2,3-DIMETHYL-4-PHENYLAZOANILINE see: BX7425000
N,N-DIMETHYL-p-PHENYLAZOANILINE N-OXIDE see: BX7525000
N,N-DIMETHYL-4-PHENYLAZO-o-ANISIDINE see: BZ6400000
N,N-DIMETHYL-4-(PHENYLAZO)BENZAMINE see: BX7350000
N,N-DIMETHYL-4-(PHENYLAZO)BENZENAMINE see: BX7350000
2,3-DIMETHYL-4-(PHENYLAZO)BENZENAMINE see: BX7425000
4-((2,4-DIMETHYLPHENYL)AZO)-3-HYDROXY-2,7-NAPHTHALENEDISULFONIC ACID, DISODIUM SALT see: QJ6825000
4-((2,4-DIMETHYLPHENYL)AZO)-3-HYDROXY-2,7-NAPHTHALENEDISULPHONIC ACID, DISODIUM SALT see: QJ6825000
1-((2,4-DIMETHYLPHENYL)AZO)-2-NAPHTHALENOL see: QL5850000
N,N-DIMETHYL-4-(PHENYLAZO)-m-TOLUIDINE see: XU5950000
N,N-DIMETHYL-alpha-PHENYLBENZENEACETAMIDE see: AB8050000
trans-4,6-DIMETHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER see: DF3512000
1-(2-(4-(2,2-DIMETHYL-3-PHENYL-2H-1-BENZOPYRAN-6-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UY1011000
2-DI(N-METHYL-N-PHENYL-tert-BUTYL-CARBAMOYLMETHYL)AMINOETHANOL see: AC3325000
2,3-DIMETHYLPHENYL CARBAMATE see: FD1996000
2,5-DIMETHYLPHENYL CARBAMATE see: FD1997000
3,4-DIMETHYLPHENYL CARBAMATE see: FD1998000
3,5-DIMETHYLPHENYL CARBAMTE see: FD1999000
DIMETHYLPHENYLCARBINOL see: DO4562000
O,O-DIMETHYL S-(PHENYL)(CARBOETHOXY)METHYL PHOSPHORODITHIOATE see: AI7875000
trans-alpha,alpha-DIMETHYL-4-PHENYLCYCLOHEXANEMETHYLAMINE HYDROCHLORIDE see: GV6170000
1,1-DIMETHYL-4-(1-PHENYLCYCLOHEXYLCARBONYL)PIPERAZINIUM IODIDE see: TM3355000
trans-2,2-DIMETHYL-3-PHENYL-4-(p-(beta-(DIETHYLAMINO)ETHOXY)PHENYL)-7-METHOXYCHROMAN HCl see: KH2343000
N''-(2,4-DIMETHYLPHENYL)-N-(((2,4-DIMETHYLPHENYL)IMINO)METHYL)-N-METHYLMETHANIMIDAMIDE see: ZF0480000
1,3-DIMETHYL-3-PHENYL-2,5-DIOXOPYRROLIDINE see: WN2625000
DIMETHYL ((1,2-PHENYLENE)BIS-(IMINOCARBONOTHIOYL))BIS(CARBAMATE) see: BA3675000
DIMETHYL-4,4'-o-PHENYLENE-BIS-(3-THIOALLOPHANATE) see: BA3675000
DIMETHYL-p-PHENYLENEDIAMINE see: ST0875000
1,1-DIMETHYL-2-PHENYLETHANOL see: SG8050000
N-(2,6-DIMETHYLPHENYL)-N'-((ETHOXYAMINO)IMINOMETHYL)UREA HYDROCHLORIDE see: YT1458400
(DIMETHYL S-(PHENYLETHOXYCARBONYLMETHYL)PHOSPHOROTHIOLOTHIONATE) see: AI7875000
alpha,alpha-DIMETHYL-beta-PHENYLETHYLAMINE see: SH4025000
N-(2,6-DIMETHYLPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-UREA HYDROCHLORIDE see: YT1458500
DIMETHYLPHENYLETHYL CARBINOL see: EL5785000
DIMETHYLPHENYLETHYLCARBINYL ACETATE see: AH1847000
N-(2,6-DIMETHYLPHENYL)-N-ETHYL-N'-(IMINO(METHYLAMINO)METHYL)UREA HYDROCHLORIDE see: YT1458600
N-(2,6-DIMETHYLPHENYL)-N'-((ETHYLMETHYLAMINO)IMINOMETHYL)UREA HYDROCHLORIDE see: YT1458700
N-(2,6-DIMETHYLPHENYL)-2-(ETHYLPROPYLAMINO)BUTANAMIDE see: EJ3617000
N,N-DIMETHYL-N'-PHENYL-N'-FLUORODICHLOROMETHYLTHIOSULFAMIDE see: WO6475000
3,6-DIMETHYL-3-PHENYLHEPTANOIC ACID see: MJ2020000
N-(2,6-DIMETHYLPHENYL)-N'-(HEXAHYDRO-1,3-DIAZOCIN-2(1H)-YLIDENE)UREA HYDROCHLORIDE see: YT1458800
1-(2,6-DIMETHYLPHENYL)-3-HEXYLAMIDINO-UREA HYDROCHLORIDE see: YT1458900
N-(2,6-DIMETHYLPHENYL)-N'-((HEXYLAMINO)IMINOMETHYL)UREA HYDROCHLORIDE see: YT1458900
1-(2,6-DIMETHYLPHENYL)-3-HEXYLOXYAMIDINO-UREA see: YT1458920
N-(2,6-DIMETHYLPHENYL)-N'-((HEXYLOXY)AMINO)IMINOMETHYL)UREA see: YT1458920
N-(2,6-DIMETHYLPHENYL)-N'-((HYDROXYAMINO)IMINOMETHYL)UREA HYDROCHLORIDE see: YT1458940
N-(2,6-DIMETHYLPHENYL)-N'-(((2-HYDROXYETHYL)AMINO)IMINOMETHYL)UREA SULFATE (1:1) (salt) see: YT1458960
(2-(3,4-DIMETHYLPHENYL)-2-HYDROXYISOPROPYL)TRIMETHYLAMMONIUM IODIDE see: BQ2049000
2,4-DIMETHYLPHENYLHYDROXYLAMINE see: NC3561500
3-(2,4-DIMETHYLPHENYL)-1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)UREA see: YT1459000
3-(2,6-DIMETHYLPHENYL)-1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)UREA see: YT1459050
1,7-DIMETHYL-8-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE see: NJ5096500
1,8-DIMETHYL-7-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE see: NJ5096600
N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(ISOPROPYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YT1461400
N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(METHOXYAMINO)METHYL)UREA HYDROCHLORIDE see: YT1459100
N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((2-METHOXYETHYL)AMINO)METHYL)UREA HYDROCHLORIDE see: YT1459200
N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-N-METHYL-UREA NITRATE see: YT1459600
N-(2,4-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YT1459800
N-(2,5-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YT1459900
N-(3,4-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YT1461000
N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((1-METHYLETHYL)AMINO)METHYL)UREA HYDROCHLORIDE see: YT1461400
N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(METHYLPROPYLAMINO)METHYL)UREA HYDROCHLORIDE see: YT1461600
N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((1-METHYLPROPYL)AMINO)METHYL)UREA HYDROCHLORIDE see: YT1461700
N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((2-METHYLPROPYL)AMINO)METHYL)UREA HYDROCHLORIDE see: YT1461800
N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((PHENETHYL)AMINO)METHYL)UREA HYDROCHLORIDE see: YT1462000
N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(PROPOXYAMINO)METHYL)UREA HYDROCHLORIDE see: YT1462400
N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(PROPYLAMINO)METHYL)-UREA HYDROCHLORIDE see: YT1462600
N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(2-PROPYNYLAMINO)METHYL)UREA HYDROCHLORIDE see: YT1462800
2,4-DIMETHYLPHENYLMALEIMIDE see: ON5250000
DIMETHYLPHENYLMETHANOL see: DO4562000
N-(2,6-DIMETHYLPHENYL)-N-(METHOXYACETYL)-ALANINE METHYL ESTER see: AY6910000
N-(2,6-DIMETHYLPHENYL)-N-(METHOXYACETYL)-DL-ALANINE METHYL ESTER see: AY6910000
3,4-DIMETHYLPHENYL-N-METHYLCARBAMATE see: FC8750000
(3,4-DIMETHYLPHENYL)METHYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE see: GQ4520000
(2,4-DIMETHYLPHENYL)METHYL 2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)CYCLOPROPANECARBOXYLATE see: GZ1455000
N,N-DIMETHYL''-(PHENYLMETHYL)GUANIDINE SULPHATE (2:1) see: ME8575000
3,4-DIMETHYLPHENYL N-METHYL-N-NITROSOCARBAMATE see: FC6280000
4-(DIMETHYLPHENYLMETHYL)PHENOL see: SL1942450
N-(2,6-DIMETHYLPHENYL)-N'-METHYLPROPYLAMIDINO-UREA HYDROCHLORIDE see: YT1461600
N-(2,6-DIMETHYLPHENYL)-N''-(1-METHYL-2-PYRROLIDINYLIDENE)UREA see: YT8850000
2,6-DIMETHYL-alpha-(PHENYLMETHYL)-alpha-2-THIENYL-1-PIPERIDINEBUTANENITRILE see: TM5659400
3,4-DIMETHYL-2-PHENYLMORPHOLINE BITARTRATE see: QE2450000
(+)-3,4-DIMETHYL-2-PHENYLMORPHOLINE HYDROCHLORIDE see: QE2625400
D-3,4-DIMETHYL-2-PHENYL-MORPHOLINE TARTRATE see: QE2650000
L-3,4-DIMETHYL-2-PHENYL-MORPHOLINE TARTRATE see: QE2660000
1,3-DIMETHYL-3-PHENYL-1-NITROSOUREA see: YT0370000
3,7-DIMETHYL-7-PHENYLOCTANOIC ACID see: RH0605000
3,7-DIMETHYL-7-PHENYL-2-OCTENOIC ACID see: RH3240000
1,5-DIMETHYL-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-2-INDOLINONE see: NM2202200
1-(2,6-DIMETHYLPHENYL)-3-PHENETHYLAMIDINO-UREA HYDROCHLORIDE see: YT1462000
N,alpha-DIMETHYL-beta-PHENYL-PHENETHYLAMINE HYDROCHLORIDE see: SH6005000
1,1-DIMETHYL-4-PHENYLPIPERAZINE IODIDE see: TM3385000
1,1-DIMETHYL-4-PHENYLPIPERAZINIUM IODIDE see: TM3385000
1,1-DIMETHYL-4-PHENYLPIPERIDINIUM IODIDE see: TN4979000
1,3-DIMETHYL-4-PHENYL-4-PIPERIDINOL PROPIONATE (ESTER) see: TN7000000
dl-1,3-DIMETHYL-4-PHENYL-4-PIPERIDINOL PROPIONATE HYDROCHLORIDE see: TN7095000
alpha-1,3-DIMETHYL-4-PHENYL-4-PIPERIDINYL PROPIONATE see: TN7000000
1,3-DIMETHYL-4-PHENYL-4-PIPERIDYL PROPIONATE HYDROCHLORIDE see: TN7095000
N,N-DIMETHYL-N'-PHENYL-1,3-PROPANEDIAMINE FUMARATE see: TX8010000 1,3-PROPANEDIAMINE, N,N-DIMETHYL-N'-PHENYL-, FUMARATE
1,1-DIMETHYL-3-PHENYLPROPANOL see: EL5785000
1,1-DIMETHYL-3-PHENYL-1-PROPANOL see: EL5785000
N-(2,6-DIMETHYLPHENYL)-N'-PROPARGYLAMIDINO-UREA HYDROCHLORIDE see: YT1462800
1,3-DIMETHYL-4-PHENYL-4-PROPIONOXYPIPERIDINE see: TN7000000
alpha-1,3-DIMETHYL-4-PHENYL-4-PROPIONOXYPIPERIDINE see: TN7000000
(+)-alpha-1,3-DIMETHYL-4-PHENYL-4-PROPIONOXYPIPERIDINE HYDROCHLORIDE see: TN7095000
2,5-DIMETHYL-4-PHENYL-4-PROPIONYLOXY-1-PYRROLIDINYLPROPYLPIPERIDINE see: TM7336000
alpha,alpha-DIMETHYL-delta-PHENYLPROPYL ALCOHOL see: EL5785000
N,N-DIMETHYL-beta-PHENYL-beta-PROPYLTHIOETHYLAMINE HYDROCHLORIDE see: SH6030000
2,3-DIMETHYL-1-PHENYL-3-PYRAZOLIN-5-ONE see: CD2450000
2,3-DIMETHYL-1-PHENYL-5-PYRAZOLONE see: CD2450000
1,3-DIMETHYL-3-PHENYL-PYRROLIDIN-2,5-DIONE see: WN2625000
trans-2,2-DIMETHYL-3-PHENYL-4-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-7-HYDROXYCHROMAN see: DJ2880000
trans-2,2-DIMETHYL-3-PHENYL-4-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-7-METHOXYCHROMAN see: UY1329280
3,4-trans-2,2-DIMETHYL-3-PHENYL-4-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-7-METHOXYCHROMAN see: UY1329280
trans-2,2-DIMETHYL-3-PHENYL-4-p-(beta-PYRROLIDINOETHOXYPHENYL)-7-METHOXYCHROMAN HCl see: UY0875250
3,4-trans-2,2-DIMETHYL-3-PHENYL-4-p-(beta-PYRROLIDINOETHOXY)PHENYL-7-METHOXYCHROMAN HCl see: GA8730000

BEST COPY AVAILABLE

2,2-DIMETHYL-3-PHENYL-4-(m-(beta-PYRROLIDINOETHOXY)PHENYL)-7-METHOXYCHROMENE HYDROCHLORIDE see: UY0915000
2,2-DIMETHYL-3-PHENYL-4-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-7-METHOXYCHROMENE HYDROCHLORIDE see: UY0916000
1,2-DIMETHYL-3-PHENYL-3-PYRROLIDINOL PROPIONATE (ester) see: UY5640000
2',6'-DIMETHYL 2-PHENYL-N-(2-(1-PYRROLIDINYL)ETHYL)ACETANILIDE see: AE2355000
1,2-DIMETHYL-3-PHENYL-3-PYRROLIDYL PROPIONATE see: UY5640000
N,2-DIMETHYL-2-PHENYLSUCCINIMIDE see: WN2625000
(DIMETHYLPHENYLSILYL)METHYL ESTER of CARBAMIC ACID see: FA3200000
N-(2,6-DIMETHYLPHENYL)-N'-(1,4,5,6-TETRAHYDRO-2-PYRIMIDINYL)-UREA HYDROCHLORIDE see: YT1468800
2-(2,4-DIMETHYLPHENYL)-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE see: NL7839700
2,5-DIMETHYL-2-PHENYL-1-THIA-3-AZA-2-SILACYCLOPENTANE see: XI0600000
(-)-N,N-DIMETHYL-2-(PHENYL(p-TOLYL)METHOXY)ETHYLAMINE HYDROCHLORIDE see: KR6420000
(+)-N,N-DIMETHYL-2-(PHENYL(p-TOLYL)METHOXY)ETHYLAMINE HYDROCHLORIDE see: KR6425000
(±)-N,N-DIMETHYL-2-(PHENYL(p-TOLYL)METHOXY)ETHYLAMINE HYDROCHLORIDE see: KR6430000
4-DIMETHYLSULPHAMIDO-2-AMINO-2'-NITRODIPHENYL SULPHIDE see: OY2220000
4-DIMETHYLSULPHAMIDO-2-FORMAMIDO-2'-NITRODIPHENYL SULPHIDE see: LQ4660000
2,5-DIMETHYL-2-PHENYL-1,3,2-THIAZAGERMOLIDINE see: XJ0411000
3,3-DIMETHYL-1-PHENYLTRIAZENE see: XY2100000
N,N-DIMETHYL-N'-PHENYLUREA see: YT1450000
1,1-DIMETHYL-3-PHENYLUREA see: YT1450000
1,1-DIMETHYL-3-PHENYLUREA TRICHLOROACETATE see: AJ8225000
N,N-DIMETHYL-N'-PHENYLURONIUM TRICHLORACETATE see: AJ8225000
DIMETHYL PHOSPHATE of 2-CHLORO-N,N-DIETHYL-3-HYDROXYCROTONAMIDE see: TC2800000
DIMETHYL PHOSPHATE ESTER with p-HYDROXYBENZENESULFONAMIDE see: TC3150000
DIMETHYL PHOSPHATE ESTER of 3-HYDROXY-N-METHYL-cis-CROTONAMIDE see: TC4375000
DIMETHYL PHOSPHATE ESTER with (E)-3-HYDROXY-N-METHYLCROTONAMIDE see: TC4375000
DIMETHYL PHOSPHATE 3-HYDROXY-CROTONIC ACID, p-CHLOROBENZYL ESTER see: GQ4375000
DIMETHYL PHOSPHATE aster with 3-HYDROXY-N,N-DIMETHYL-cis-CROTONAMIDE see: TC3850000
DIMETHYL PHOSPHATE of 3-HYDROXY-N,N-DIMETHYL-cis-CROTONAMIDE see: TC3850000
DIMETHYL PHOSPHATE of 3-HYDROXY-N-METHYL-cis-CROTONAMINE see: TC4375000
DIMETHYL PHOSPHATE of alpha-METHYLBENZYL 3-HYDROXY-cis-CROTONATE see: GQ5075000
DIMETHYL PHOSPHATE of METHYL 3-HYDROXY-cis-CROTONATE see: GQ5250000
DIMETHYLPHOSPHINOTHIOIC CHLORIDE see: SZ5991500
DIMETHYLPHOSPHINOTHIOYL CHLORIDE see: SZ5991500
DIMETHYLPHOSPHORAMIDOCYANIDIC ACID, ETHYL ESTER see: TB4550000
O,S-DIMETHYL PHOSPHORAMIDOTHIOATE see: TB4970000
O,O-DIMETHYLPHOSPHOROCHLORIDOTHIOATE see: TD1830000
DIMETHYL PHOSPHOROCHLORIDOTHIOATE (DOT) see: TD1830000
O,O-DIMETHYL PHOSPHORODITHIOATE N-FORMYL-2-MERCAPTO-N-METHYLACETAMIDE S-ESTER see: TE1050000
S-(O,O-DIMETHYLPHOSPHORODITHIOATE) of N-(2-MERCAPTOETHYL)ETHYLCARBAMATE see: FA3325000
N-((O,O-DIMETHYLPHOSPHORODITHIOYL)ETHYL)ACETAMIDE see: TE0350000
O,O-DIMETHYL PHOSPHOROTHIOATE O,O-DIESTER with 4,4'-THIODIPHENOL see: TF6890000
O,O-DIMETHYL PHOSPHOROTHIOATE O-ESTER with 5-CHLOROSALICYLONITRILE see: TF6899500
O,O-DIMETHYL PHOSPHOROTHIOATE, O-ESTER with 4-HYDROXY-m-ANISONITRILE see: TF7180000
5-(O,O-DIMETHYLPHOSPHORYL)-6-CHLOROBICYCLO(3.2.0)HEPTA-1,5-DIEN see: TB8545000
N,N-DIMETHYLPHTHALAMIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE see: TH7126000
N,N-DIMETHYLPHTHALAMIC ACID METHYL ESTER see: TH7127000
2',3'-DIMETHYLPHTHALANILIC ACID see: TH8480000 PHTHALANILIC ACID, 2',3'-DIMETHYL-
2',6'-DIMETHYLPHTHALANILIC ACID see: TH8490000 PHTHALANILIC ACID, 2',6'-DIMETHYL-
DIMETHYL PHTHALATE see: TI1575000
DIMETHYL p-PHTHALATE see: WZ1225000
(O,O-DIMETHYL-PHTHALIMIDIOMETHYL-DITHIOPHOSPHATE) see: TE2275000
O,O-DIMETHYL S-(N-PHTHALIMIDOMETHYL) DITHIOPHOSPHATE see: TE2275000
O,O-DIMETHYL S-(PHTHALIMIDOMETHYL)DITHIOPHOSPHATE see: TE2275000
PHOSPHORODITHIOIC ACID,O,O-DIMETHYL ESTER, S-ESTER with N-(MERCAPTOMETHYL)PHTHALIMIDE
O,O-DIMETHYL S-PHTHALIMIDOMETHYL PHOSPHORODITHIOATE see: TE2275000
N,N'-DIMETHYLPIPERAZINE see: TL5945000
1,4-DIMETHYLPIPERAZINE see: TL5945000
2,5-DIMETHYLPIPERAZINE see: TL5950000
beta,beta'-DIMETHYL-1,4-PIPERAZINEDIETHANOL BIS(3-PYRIDINEACRYLATE) see: TL3690000
2-beta,16-beta-(4'-DIMETHYL-1'-PIPERAZINO)-3-alpha,17-beta-DIACETOXY-5-alpha-ANDROSTANE 2Br see: TM3170000
alpha,alpha-DIMETHYL-1-PIPERIDINEETHANOL see: TM8588870
N,N-DIMETHYL-PIPERIDINIUM CHLORIDE see: TN4939200
1,1-DIMETHYLPIPERIDINIUM CHLORIDE see: TN4939200
1,1-DIMETHYLPIPERIDINIUM IODIDE see: TN4975000
erythro-p-(alpha,beta-DIMETHYL-p-(2-PIPERIDINOETHOXY)PHENETHYL)PHENOL see: SL2236000
p-(alpha,beta-DIMETHYL-p-(2-PIPERIDINOETHOXY)STYRYL)PHENOL see: SL2237000
2',6'-DIMETHYL-N-(2-PIPERIDINOETHYL)-2-PHENYLACETANILIDE see: AE2357000
2,4'-DIMETHYL-3-PIPERIDINOPROPIOPHENONE see: UH1575000
2,4'-DIMETHYL-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE see: UH1575500
N,N-DIMETHYL-4-PIPERIDYLIDENE-1,1-DIPHENYLMETHANE METHYLSULFATE see: TN5075000
6,17-DIMETHYLPREGNA-4,6-DIENE-3,20-DIONE see: TU3832300
1,2-DIMETHYLPROPANAMINE see: UI1100000 PROPYLAMINE, 1,2-DIMETHYL-
2,2-DIMETHYLPROPANE see: TY1190000
2,2-DIMETHYLPROPANE (DOT) see: TY1190000
N,N-DIMETHYL-1,3-PROPANEDIAMINE DIPHENYLDISULFONATE see: TX7820000
(2,2-DIMETHYLPROPANE-1,3-DIAMMINE)MALONATOPLATINUM(II) see: TP2497700
trans-(2,2-DIMETHYLPROPANE-1,3-DIAMMINE)TETRACHLOROPLATINUM(II) see: TP2497770
(2,2-DIMETHYLPROPANE-1,3-DIAMMINE)TETRACHLOROPLATINUM(II) see: TP2497760
DIMETHYL PROPANEDIOATE see: OO0950000
2,2-DIMETHYL-1,3-PROPANEDIOL see: TY5775000
2,2'-((2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OXYMETHYLENE))BISOXIRANE see: TX3760000
2,2-DIMETHYLPROPANOIC ACID see: TO7700000
2,2-DIMETHYL-1-PROPANOL CARBAMATE see: UB3750000
2,2-DIMETHYL-1-PROPANOL FORMATE see: UB3790000
2,2-DIMETHYLPROPANOYL CHLORIDE see: AO7200000
alpha,alpha-DIMETHYLPROPARGYL ALCOHOL see: ES0810000
1,1-DIMETHYLPROPARGYL ALCOHOL see: ES0810000
2,6-DIMETHYL-alpha-2-PROPENYL-alpha-2-THIENYL-1-PIPERIDINEBUTANENITRILE see: TM5659600
DIMETHYL PROPIOLACTONE see: RQ7525000
3,3-DIMETHYL-beta-PROPIOLACTONE see: RQ7525000
alpha,alpha-DIMETHYLPROPIONIC ACID see: TO7700000
2,2-DIMETHYLPROPIONIC ACID see: TO7700000
2,2-DIMETHYLPROPIONYL CHLORIDE see: AO7200000
2,6-DIMETHYL-4-PROPOXY-BENZOIC ACID 2-METHYL-2-(1-PYRROLIDINYL)PROPYL ESTER see: DG9096300
2,6-DIMETHYL-4-PROPOXY-BENZOIC ACID 2-(1-PYRROLIDINYL)PROPYL ESTER HYDROCHLORIDE see: DG9096400
DIMETHYLPROPYLAMINE see: UI0990000
N,N-DIMETHYLPROPYLAMINE see: UI0990000
1,2-DIMETHYLPROPYLAMINE see: UI1100000 PROPYLAMINE, 1,2-DIMETHYL-
DIMETHYL-N-PROPYLAMINE (DOT) see: UI0990000
4-(1,2-DIMETHYL-N-PROPYLAMINO)-2-ETHYLAMINO-6-METHYLTHIO-s-TRIAZINE see: XY7500000
alpha,alpha-DIMETHYL-N-PROPYLCYCLOHEXANEETHYLAMINE see: GV2180000
4-(1,1-DIMETHYLPROPYL)CYCLOHEXANONE see: GW1960000
1-(1,1-DIMETHYLPROPYL)-4,4-DIPHENYLPIPERIDINE HYDROCHLORIDE see: TM7337000
PIPERIDINE, 1-(1,1-DIMETHYLPROPYL)-4,4-DIPHENYL-, HYDROCHLORIDE
1,1-DIMETHYLPROPYL HYDROPEROXIDE see: SC3067000
5-(3-DIMETHYLPROPYLIDENE)DIBENZO(a,d)(1,4)CYCLOHEPTADIENE see: HO9275000
alpha,alpha-DIMETHYL-N-PROPYLPHENETHYLAMINE see: SH6020000
p-(alpha,alpha-DIMETHYLPROPYL)PHENOL see: SM6825000
p-(1,1-DIMETHYLPROPYL)PHENOL see: SM6825000
1-((4-((1,1-DIMETHYLPROPYL)PHENOXY)METHYL)PROPYL) 2-PROPYNYL SULFITE see: WT3750000
N,N-DIMETHYL-p-((p-PROPYLPHENYL)AZO)ANILINE see: BX7700000
(-)-3-(1,3-DIMETHYL-4-PROPYL-4-PIPERIDINYL)PHENOL HYDROCHLORIDE see: SL2261000
trans-(+)-3-(1,3-alpha-DIMETHYL-4-alpha-PROPYL-4-beta-PIPERIDINYL)PHENOL HYDROCHLORIDE see: SL2261000
(D,L-METHYLPROPYLSILYL)METHANOL CARBAMATE see: PC1980700
(D,L-METHYLPROPYLSILYL)METHYL ESTER of CARBAMIC ACID see: PC1980700
N,N-DIMETHYL-beta-(PROPYLTHIO)PHENETHYLAMINE HYDROCHLORIDE see: SH6030000
1,1-DIMETHYLPROPYNOL see: ES0810000
(-)-N,alpha-DIMETHYL-N-2-PROPYNYLBENZENEETHANAMINE HYDROCHLORIDE see: DA0292500
N-(1,1-DIMETHYLPROPYNYL)-3,5-DICHLOROBENZAMIDE see: CV3460000
(+)-N,alpha-DIMETHYL-N-2-PROPYNYLPHENETHYLAMINE HYDROCHLORIDE see: SH6070000
(±)-N,alpha-DIMETHYL-N-2-PROPYNYLPHENETHYLAMINE HYDROCHLORIDE see: SH6060000
16,16-DIMETHYLPROSTAGLANDIN D2 see: UK7893900
16,16-DIMETHYL-PROSTAGLANDIN E2 see: UK7894000
16,16-DIMETHYLPROSTAGLANDIN E2 METHYL ESTER see: MJ9673200
16,16-DIMETHYL-trans-delta(sup 2)-PROSTAGLANDIN E1 METHYL ESTER see: UK7894500
2-(3,5-DIMETHYL-1-PYRAZOLYL)BENZIMIDAZOLE see: DD8780000
2-(3,5-DIMETHYL-1-PYRAZOLYL)BENZOTHIAZOLE see: DL4400000
2-(3,5-DIMETHYL-1-PYRAZOLYL)-4-METHYLTHIAZOLE see: XJ4615000
2-(3,5-DIMETHYL-1-PYRAZOLYL)-4-PHENYLTHIAZOLE see: XJ4618000
4-(2-(3,5-DIMETHYL-1-PYRAZOLYL)-4-THIAZOLYL)PYROCATECHOL see: UX1700000
3,4-DIMETHYLPYRIDINE see: OK9800000
2,6-DIMETHYLPYRIDINE-1-OXIDE-4-AZO-p-DIMETHYLANILINE see: OL0350000
N,N-DIMETHYL-2-PYRIDINETHIOACETAMIDE see: UR8442000
N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)-1,2-ETHANEDIAMIDE see: UT1400000
5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-AMINE see: UU8816000
1,5-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE see: UU8824900
5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE see: UU8825000
5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE HYDROCHLORIDE see: UU8830000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-, HYDROCHLORIDE
5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE TARTRATE see: UU8843000 6H-PYRIDO(4,3-b)CARBAZOLE,5,11-DIMETHYL-, TARTRATE
5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL see: UU8886500
1,3-DIMETHYL-9H-PYRIDO(3,4-b)INDOLE HYDROCHLORIDE see: UU9862000
6,11-DIMETHYL-5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLINE see: UV1173300
N,N-DIMETHYL-p-(3-PYRIDYLAZO)ANILINE see: UT2000000
N,N-DIMETHYL-4-(3'-PYRIDYLAZO)ANILINE see: UT2000000
N,N-DIMETHYL-N'-(2-PYRIDYL)-N'-BENZYLETHYLENEDIAMINE HYDROCHLORIDE see: US3150000
N,N-DIMETHYL-N'-(2-PYRIDYL)-N'-(5-CHLORO-2-THENYL)ETHYLENEDIAMINE see: US7350000
N,N-DIMETHYL-4-(4'(PYRIDYL-1'-OXIDE)AZO)ANILINE see: UT6825000
(3,3-DIMETHYL-1-(m-PYRIDYL-N-OXIDE))TRIAZENE see: XY2300000
N,N-DIMETHYL-N'-PYRID-2-YL-N'-2-THENYLETHYLENEDIAMINE see: UT1400000
S-(4,6-DIMETHYL-2-PYRIMIDINYL) O-ETHYL O-(1-METHYLETHYL) PHOSPHORODITHIOATE see: TE3200000
S-(4,6-DIMETHYL-2-PYRIMIDINYL) O-ETHYL O-PROPYL PHOSPHORODITHIOATE see: TE3250000
N(sup 1)-(2,6-DIMETHYL-4-PYRIMIDINYL)SULFANILAMIDE see: WO9270000
N(sup 1)-(4,6-DIMETHYL-2-PYRIMIDINYL)SULFANILAMIDE see: WO9275000
N(sup 1)-(2,6-DIMETHYL-4-PYRIMIDINYL)SULFANILAMIDE SODIUM SALT see: WO9280000
1,6-DIMETHYLPYRIMIDO(5,4-e)-as-TRIAZINE-5,7(1H,6H)-DIONE see: UW7875000
6,8-DIMETHYLPYRIMIDO(5,4-e)-as-TRIAZINE-5,7(6H,8H)-DIONE see: UW7900000
N-(4,6-DIMETHYL-2-PYRIMIDYL)SULFANILAMIDE see: WO9275000
N(sup 1)-(4,6-DIMETHYL-2-PYRIMIDYL)SULFANILAMIDE see: WO9275000
3,4-DIMETHYLPYRROLIDINE ETHANOL see: UY1225000
3,7-DIMETHYL-6-PYRROLIDINE-9-HYDROXY-3-AZABICYCLO(3.3.1)NONANE see: CL5569000
trans-2,2-DIMETHYL-3-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-4-PHENYL-7-METHOXYCHROMAN see: UY0875200
1,3-DIMETHYL-2-PYRROLIDINONE see: UY5750000
3,7-DIMETHYL-6-(1-PYRROLIDINYL)-3-AZABICYCLO(3.3.1)NONAN-9-OL see: CL5569000
erythro-p-(alpha,beta-DIMETHYL-p-(2-(1-PYRROLIDINYL)ETHOXY)STYRYL)PHENOL see: SL2320000
p-(alpha,beta-DIMETHYL-p-(2-(1-PYRROLIDINYL)ETHOXY)STYRYL)PHENOL see: SL2330000
3,7-DIMETHYL-6-(1-PYRROLIDINYL)-9-(p-TOLYL)-3-AZABICYCLO(3.3.1)NONAN-9-OL see: CL5569200
(p-(2,5-DIMETHYL-1-PYRROLYL)PHENYL)ACETIC ACID ETHYL ESTER see: AH1880000
3-(2,5-DIMETHYL-1-PYRROLYL)PROPYL ESTER of 2-THIOPHENECARBOXYLIC ACID see: XM8450000
2,3-DIMETHYL-4(3H)-QUINAZOLINONE see: VA3314500 4(3H)-QUINAZOLINONE, 2,3-DIMETHYL-
DIMETHYLQUINAZOLONE see: VA3314500 4(3H)-QUINAZOLINONE, 2,3-DIMETHYL-
N,N-DIMETHYL-p-(5'-QUINOLYLAZO)ANILINE see: VB5425000
N,N-DIMETHYL-4-(4'-QUINOLYLAZO)ANILINE see: VB5250000
N,N-DIMETHYL-4-(5'-QUINOLYLAZO)ANILINE see: VB5425000
N,N-DIMETHYL-4-(6'-QUINOLYLAZO)ANILINE see: VB5600000
N,N-DIMETHYL-4-(5'-QUINOLYLAZO)-m-TOLUIDINE see: VB7525000
DIMETHYLQUINOLYL METHYLSULFATE UREA see: VC4022500
N,N-DIMETHYL-4-((4'-QUINOLYL-1'-OXIDE)AZO)ANILINE see: VB6475000
N,N-DIMETHYL-4-((5'-QUINOLYL-1'-OXIDE)AZO)ANILINE see: VB6650000
N,N-DIMETHYL-4-((6'-QUINOLYL-1'-OXIDE)AZO)ANILINE see: VB6825000
4-(2-((2,8-DIMETHYL-4-QUINOLINYL)OXY)ETHYL)-4-METHYLMORPHOLINIUM see: QF3060000MORPHOLINIUM, 4-(2-((2,8-DIMETHYL-4-QUINOLINYL)OXY)ETHYL)-4-METHYL-
1,1-DIMETHYL-4-(2-QUINOLYL)PIPERAZINIUM IODIDE see: TM3390500
2,3-DIMETHYLQUINONE see: DK4790000
N,N-DIMETHYL-p-(6-QUINOXALINYLAZO)ANILINE see: VD2000000
N,N-DIMETHYL-p-(5-QUINOXALYLAZO)ANILINE see: VD1980000
N,N-DIMETHYL-p-(6-QUINOXALYLAZO)ANILINE see: VD2000000
6,7-DIMETHYL-9-D-RIBITYLISOALLOXAZINE see: VJ1400000
DIMETHYL SELENIDE see: VS6880000
DIMETHYLSELENIUM see: VS6880000
DIMETHYL SILOXANE see: VW3370000
DIMETHYL SILOXANE see: VW3380000
2,2'-((DIMETHYLSILYLENE)DITHIO)BIS(ETHYLAMINE) see: KR6704500 ETHYLAMINE, 2,2'-((DIMETHYLSILYLENE)DITHIO)BIS-
cis-N,N-DIMETHYL-4-STILBENAMINE see: WJ4025000
trans-N,N-DIMETHYL-4-STILBENAMINE see: WJ4000000
DIMETHYLSTILBESTROL see: WJ5850000
DIMETHYLSTILBOESTROL see: WJ5850000
10,11-DIMETHYSTRYCHNINE see: EH8925000
3,5-DIMETHYLSTYRENE see: WL4460500
3,4-DIMETHYL STYRENE OXIDE see: ZE4551000
3,5-DIMETHYLSTYRENE OXIDE see: ZE4550800

N,N-DIMETHYL-p-STYRYLANILINE see: WJ3850000
2-(m-(alpha,beta-DIMETHYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE1730000
DIMETHYLSULFAAT (Dutch) see: WS8225000
DIMETHYLSULFAMIC ACID 5-BUTYL-2-(ETHYLAMINO)-6-METHYL-4-PYRIMIDINYL ESTER see: WO5970000
p-(DIMETHYLSULFAMOYL)BENZOIC ACID see: DG9096800
DIMETHYL-p-SULFAMOYLPHENYLPHOSPHATE see: TC3150000
O,O-DIMETHYL O-p-SULFAMOYLPHENYL PHOSPHOROTHIOATE see: TF7525000
4'-(DIMETHYLSULFAMYL)SULFANILANILIDE see: WP3870000
3,4-DIMETHYL-5-SULFANILAMIDOISOXAZOLE see: WO9100000
4,5-DIMETHYL-2-SULFANILAMIDOOXAZOLE see: WO9150000
2,4-DIMETHYL-6-SULFANILAMIDOPYRIMIDINE see: WO9270000
2,6-DIMETHYL-4-SULFANILAMIDOPYRIMIDINE see: WO9270000
4,6-DIMETHYL-2-SULFANILAMIDOPYRIMIDINE see: WO9275000
N(sup 1),N(sup 1)-DIMETHYL-N(sup 4)-SULFANILYLSULFANILAMIDE see: WP3870000
DIMETHYLSULFAT (Czech) see: WS8225000
DIMETHYL SULFATE see: WS8225000
DIMETHYL SULFATE (DOT) see: WS8225000
DIMETHYLSULFID (Czech) see: PV5075000
DIMETHYL SULFIDE see: PV5075000
DIMETHYL SULFIDE (DOT) see: PV5075000
2,4-DIMETHYL SULFOLANE see: XN0525000
DIMETHYLSULFONIUM ETHYL-alpha-PHENYL-alpha-(2,3-CYCLOHEXENYL)ACETIC ACID BROMIDE see: WR7900700
1,4-DIMETHYLSULFONOXYBUTANE see: EK1750000
1,4-DIMETHYLSULFONYLOXYBUTANE see: EK1750000
3-((2,4-DIMETHYL-5-SULFOPHENYL)AZO)-4-HYDROXY-1-NAPHTHALENESULFONIC ACID, DISODIUM SALT see: QK2705000
DIMETHYL SULFOXIDE see: PV6210000
3-DIMETHYLSULPHAMIDOPHENOTHIAZINE see: SP5130000
3,4-DIMETHYL-5-SULPHANILAMIDOISOXAZOLE see: WO9100000
DIMETHYL SULPHATE see: WS8225000
DIMETHYL SULPHIDE see: PV5075000
as-DIMETHYL SULPHITE see: PB2625000
3,4-DIMETHYL-5-SULPHONAMIDOISOXAZOLE see: WO9100000
3-((2,4-DIMETHYL-5-SULPHOPHENYL)AZO)-4-HYDROXY-1-NAPHTHALENESULPHONIC ACID, DISODIUM SALT see: QK2705000
DIMETHYL SULPHOXIDE see: PV6210000
DIMETHYL SULPHOXIDE mixed with CUMENE HYDROPEROXIDE see: PV6215000
DIMETHYL TEREPHTHALATE see: WZ1225000
2,6-DIMETHYL-2-(4-TERTIARYBUTYL-3-HYDROXYPHENYL)METHYLIMIDAZOLINE HYDROCHLORIDE see: SK1225000
7-beta,17-DIMETHYLTESTOSTERONE see: BV8385000
7-beta,17-alpha-DIMETHYL TESTOSTERONE see: BV8385000
DIMETHYL TETRACHLOROTEREPHTHALATE see: WZ1500000
DIMETHYL 2,3,5,6-TETRACHLOROTEREPHTHALATE see: WZ1500000
O,S-DIMETHYLTETRACHLOROTHIOTEREPHTHALATE see: XN7525000
DIMETHYLTETRADECYLAMINE CHLORHYDRATE (French) see: XB9274000
N,N-DIMETHYLTETRADECYLAMINE HYDROCHLORIDE see: XB9274000
N,N-DIMETHYL-1-TETRADECYLAMINE HYDROCHLORIDE see: XB9274000
2,5-DIMETHYL-1-TETRADECYLPIPERAZINE DIHYDROCHLORIDE see: TL6251000
N,N-DIMETHYL-N'-(3-(1,1,2,2-TETRAFLUOROETHOXY)PHENYL)UREA see: YT1510000
7,12-DIMETHYL-8,9,10,11-TETRAHYDROBENZ(a)ANTHRACENE see: CX3150000
1,11-DIMETHYL-1,2,3,4-TETRAHYDROCHRYSENE see: GC1100000
alpha,alpha-DIMETHYL-5,7,6,8-TETRAHYDRO-2-NAPHTHALENEVALERIC ACID see: QK4126000
alpha,alpha-DIMETHYL-5,6,7,8-TETRAHYDRONAPHTHYL-2-VALERIC ACID see: QK4126000
2,6-DIMETHYL-2,3,5,6-TETRAHYDRO-4H-1,4-OXAZINE see: QE1750000
DIMETHYL TETRAHYDROPHTHALATE see: GW5200000
2-(2,2-DIMETHYLTETRAHYDRO-2H-PYRAN-4-YL)-4-PHENYLTHIAZOLE see: XJ4619000
2,6-DIMETHYL TETRAHYDRO-1,4-PYRONE see: UX5075000
3,5-DIMETHYL-1,2,3,5-TETRAHYDRO-1,3,5-THIADIAZINETHIONE-2 see: XI2800000
3,5-DIMETHYLTETRAHYDRO-1,3,5-THIADIAZINE-2-THIONE see: XI2800000
3,5-DIMETHYL-1,3,5-2H-TETRAHYDROTHIADIAZINE-2-THIONE see: XI2800000
3,5-DIMETHYLTETRAHYDRO-1,3,5-2H-THIADIAZINE-2-THIONE see: XI2800000
3,5-DIMETHYLTETRAHYDRO-2H-1,3,5-THIADIAZINE-2-THIONE see: XI2800000
N-(2,2-DIMETHYLTETRAHYDRO-2H-THIOPYRAN-4-YL)-1-PIPERIDINEACETANILIDE see: TM3530000
DIMETHYLTHALLIUM ETHOXIDE see: XG4600000
N,N-DIMETHYL-N'-(2-THENYL)-N'-(2-PYRIDYL-ETHYLENE-DIAMINE HYDROCHLORIDE) see: UT1750000
N,N-DIMETHYL-N'-(3-THENYL)-N'-(2-PYRIDYL) ETHYLENEDIAMINE HYDROCHLORIDE see: UT1925000
2,2-DIMETHYL-1-THIA-3-AZA-2-SILACYCLOPENTANE see: XI0570000
O,O-DIMETHYL S-9-THIABICYCLO(4.2.1)NONENYL PHOSPHORODITHIOATE (isomeric mixture) see: TF3300000
O,O-DIMETHYL-S-(3-THIA-PENTYL)-MONOTHIOPHOSPHAT (German) see: TG1750000
2,4-DIMETHYL-5-THIAZOLEACETIC ACID see: XJ1920000
2,2-DIMETHYLTHIAZOLIDINE see: XJ5565700
DIMETHYLTHIENYLCETONE (French) see: OB2888000
1-(2-(DIMETHYL-2-THIENYLSILYL)ETHYL)SILATRANE see: YJ9030700
1-(2-(DIMETHYL-2-THIENYLSILYL)ETHYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE see: YJ9030700
DIMETHYL THIOMALATE see: WM9100000
DIMETHYLTHIOMETHYLPHOSPHATE see: TG3880000
DIMETHYLTHIONINE see: SP5660000
3,5-DIMETHYL-2-THIONOTETRAHYDRO-1,3,5-THIADIAZINE see: XI2800000
O,O-DIMETHYLTHIOPHOSPHORIC ACID p-CHLOROPHENYL ESTER see: TD5425000
DIMETHYLTHIOPHOSPHORYL CHLORIDE see: SZ5991500
DIMETHYL THIOPHOSPHORYL CHLORIDE (DOT) see: SZ5991500
N,N-DIMETHYLTHIO-2-PYRIDINEACETAMIDE see: UR8442000
N,6-DIMETHYLTHIO-2-PYRIDINEACETAMIDE see: UR8442100
DIMETHYLTIN BIS(DIBUTYLDITHIOCARBAMATE) see: WH6714370
DIMETHYLTIN DIBROMIDE see: WH6883000
DIMETHYLTIN DICHLORIDE see: WH7245000
DIMETHYLTIN DIFLUORIDE see: WH7285000
DIMETHYLTIN FLUORIDE see: WH7285000
DIMETHYLTIN OXIDE see: WH7526500
DIMETHYL-p-TOLUIDINE see: XU5803000
DIMETHYLTOLUTHIONINE CHLORIDE see: SG1225000
N,N-DIMETHYL-p-(m-TOLYLAZO)ANILINE see: BX8250000
N,N-DIMETHYL-p-((o-TOLYL)AZO)ANILINE see: BX8300000
1,1-DIMETHYL-4-(alpha-m-TOLYLBENZYL)PIPERAZINIUM IODIDE see: TM3391200
2,8-DIMETHYL-4-(p-(4-(o-TOLYL)-1-PIPERAZINYL)ANILINO)QUINOLINE see: VB7760000
N,N-DIMETHYL-N'-o-TOLYL-1,3-PROPANEDIAMINE MONOHYDROCHLORIDE see: TX8030000
(1,2-DIMETHYL-4-(p-TOLYLSULFONYL)2-BUTENYLIDENE)HYDRAZIDE of ISONICOTINIC ACID see: NS1423000
N,N-DIMETHYL-N'-m-TOLYL-N'-o-TOLYL-1,3-PROPANEDIAMINE MONOHYDROCHLORIDE see: TX8031000
3,3-DIMETHYL-1-(m-TOLYL)TRIAZENE see: XY1300000
3,3-DIMETHYL-1-(o-TOLYL)TRIAZENE see: XY1350000
4'-DIMETHYLTRIAZENOACETANILIDE see: AE2450000
4'-(3,3-DIMETHYL-1-TRIAZENO)ACETANILIDE see: AE2450000
4'-(3,3-DIMETHYL-1-TRIAZENO)ACETOPHENONE see: AM8463000
m-(3,3-DIMETHYLTRIAZENO)BENZAMIDE see: CV4751900
p-(3,3-DIMETHYLTRIAZENO)BENZAMIDE see: CV4751920
p-(3,3-DIMETHYL-1-TRIAZENO)BENZENESULFONAMIDE see: DB2378000
o-(3,3-DIMETHYLTRIAZENO)BENZOIC ACID POTASSIUM SALT see: DG9131000
p-(3,3-DIMETHYL-1-TRIAZENO)BENZOIC ACID POTASSIUM SALT see: DG9133000
N-o-((3,3-DIMETHYL-1-TRIAZENO)BENZOYL)ALANIN (German) see: AY5993300
N-p-((3,3-DIMETHYL-1-TRIAZENO)BENZOYL)ALANIN (German) see: AY5993320
N-o-((DIMETHYL-3,3 TRIAZENO-1)BENZOYL)ALANINE (French) see: AY5993300
N-(o-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)ALANINE see: AY5993300
N-p-((DIMETHYL-3,3 TRIAZENO-1)BENZOYL)ALANINE (French) see: AY5993320
N-(p-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)ALANINE see: AY5993320
N-(p-(3,3-DIMETHYLTRIAZENO)BENZOYL)-beta-ALANINE ETHYL ESTER see: AY5993400
DL-N-(p-(3,3-DIMETHYLTRIAZENO)BENZOYL)ALANINE ETHYL ESTER see: AY5993700
N-o-((3,3-DIMETHYL-1-TRIAZENO)BENZOYL)GLYCIN (German) see: MB4935000
N-p-((3,3-DIMETHYL-1-TRIAZENO)BENZOYL)GLYCIN (German) see: MB4940000
N-(o-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)GLYCINE see: MB4935000
N-(p-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)GLYCINE see: MB4940000
N-o-((DIMETHYL-3,3 TRIAZENO-1)BENZOYL)GLYCINE (French) see: MB4935000
N-p-((DIMETHYL-3,3 TRIAZENO-1)BENZOYL)GLYCINE (French) see: MB4940000
N-o-((3,3-DIMETHYL-1-TRIAZENO)BENZOYL)PHENYLALANIN (German) see: AY5993800
N-p-((3,3-DIMETHYL-1-TRIAZENO)BENZOYL)PHENYLALANIN (German) see: AY5993900
N-(o-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)-3-PHENYLALANINE see: AY5993800
N-(p-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)-3-PHENYLALANINE see: AY5993900
N-o-((DIMETHYL-3,3-TRIAZENO-1) BENZOYL) PHENYLALANINE (French) see: AY5993800
N-p-((DIMETHYL-3,3 TRIAZENO-1) BENZOYL) PHENYLALANINE (French) see: AY5993900
DL-N-(p-(3,3-DIMETHYLTRIAZENO)BENZOYL)VALINE ETHYL ESTER see: YV9397700
5-(3,3-DIMETHYL-1-TRIAZENO)ISOPHTHALONITRILE see: NT2580000
4-(3,3-DIMETHYLTRIAZENO)-5-NITROIMIDAZOLE see: NI5170000
1-(p-(3,3-DIMETHYL-1-TRIAZENO)PHENYL)UREA see: YT1525050
4-(3,3-DIMETHYL-1-TRIAZENO)IMIDAZOLE-5-CARBOXAMIDE see: NI3950000
4-(5)-(3,3-DIMETHYL-1-TRIAZENO)IMIDAZOLE-5(4)-CARBOXAMIDE see: NI3950000
5-(3,3-DIMETHYL-1-TRIAZENO)IMIDAZOLE-4-CARBOXAMIDE see: NI3950000
p-(3,3-DIMETHYLTRIAZENO)PHENOL see: SL2355000
3-(3,3-DIMETHYL-1-TRIAZENO)PYRIDINE see: XY2275000
3-(3',3'-DIMETHYLTRIAZENO)-PYRIDIN-N-OXID (German) see: XY2300000
3-(3',3'-DIMETHYLTRIAZENO)-PYRIDINE-N-OXIDE see: XY2300000
3-(3,3-DIMETHYL-1-TRIAZENYL)BENZAMIDE see: CV4751900
4-(3,3-DIMETHYL-1-TRIAZENYL)BENZAMIDE see: CV4751920
3,3-DIMETHYL-1-(2,4,6-TRIBROMOPHENYL)-TRIAZENE see: XY2370000
O,O-DIMETHYL-(2,2,2-TRICHLOOR-1-HYDROXY-ETHYL)-FOSFONAAT (Dutch) see: TA0700000
O,O-DIMETHYL-(2,2,2-TRICHLOR-1-HYDROXY-AETHYL)PHOSPHONAT (German) see: TA0700000
O,O-DIMETHYL 2,2,2-TRICHLORO-1-(n-BUTYRYLOXY)ETHYLPHOSPHONATE see: ET0175000
O,O-DIMETHYL S-(2,2,2-TRICHLOROETHYL) PHOSPHOROTHIOATE see: TG0425000
DIMETHYLTRICHLOROHYDROXYETHYL PHOSPHONATE see: TA0700000
DIMETHYL 2,2,2-TRICHLORO-1-HYDROXYETHYLPHOSPHONATE see: TA0700000
O,O-DIMETHYL-2,2,2-TRICHLORO-1-HYDROXYETHYL PHOSPHONATE see: TA0700000
3,5-DIMETHYL-1-(TRICHLOROMETHYLMERCAPTO)PYRAZOLE see: UQ6825000
O,O-DIMETHYL O-2,4,5-TRICHLOROPHENYL PHOSPHOROTHIOATE see: TG0525000
DIMETHYL TRICHLOROPHENYL THIOPHOSPHATE see: TG0525000
O,O-DIMETHYL O-(2,4,5-TRICHLOROPHENYL) THIOPHOSPHATE see: TG0525000
3,3-DIMETHYL-1-(2,4,6-TRICHLOROPHENYL)-TRIAZINE see: XY2380000
DIMETHYL 3,5,6-TRICHLORO-2-PYRIDYL PHOSPHATE see: TC5450000
O,O-DIMETHYL O-(3,5,6-TRICHLORO-2-PYRIDYL)PHOSPHOROTHIOATE see: TG0700000
DIMETHYLTRIDECYLAMINE CHLORHYDRATE (French) see: YD5078000
N,N-DIMETHYLTRIDECYLAMINE HYDROCHLORIDE see: YD5078000
N,N-DIMETHYL-1-TRIDECYLAMINE HYDROCHLORIDE see: YD5078000
2,6-DIMETHYL-4-TRIDECYLMORPHOLINE see: QE2705000
(+)-N,alpha-DIMETHYL-N-(m-(TRIFLUOROMETHYL)BENZYL)PHENETHYLAMINE HYDROCHLORIDE see: SH6477540
1,1-DIMETHYL-3-(3-TRIFLUOROMETHYLPHENYL)UREA see: YT1575000
N-(2,4-DIMETHYL-5-(((TRIFLUOROMETHYL)SULFONYL)AMINO)PHENYL)ACETAMIDE see: AE2460000
3,3-DIMETHYL-1-(2,4,6-TRIFLUOROPHENYL)TRIAZENE see: XY2425000
3,3-DIMETHYL-1-(alpha,alpha,alpha-TRIFLUORO-p-TOLYL)TRIAZENE see: XY2430000
1,1-DIMETHYL-3-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL) UREA see: YT1575000
N,N-DIMETHYL-3,4,5-TRIMETHOXYTHIOCINNAMAMIDE see: GD7356100
3,7-DIMETHYL-9-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-2,4,6,8-NONATETRAEN-1-OL see: VH6750000
2,2-DIMETHYLTRIMETHYLENE ACRYLATE see: AS8925000
DIMETHYLTRIMETHYLENE GLYCOL see: TY5775000
beta,beta-DIMETHYLTRIMETHYLENE OXIDE see: TZ3150000
3,3-DIMETHYLTRIMETHYLENE OXIDE see: TZ3150000
N,N-DIMETHYL-4-(3,4,5-TRIMETHYLPHENYL)AZOANILINE see: BX8650000
N,N-DIMETHYL-4-((3,4,5-TRIMETHYLPHENYL)AZO)BENZENAMINE see: BX8650000
N,N-DIMETHYL-N'-(1,3,7-TRIMETHYL-1H-PYRAZOLO(3,4-b)QUINOLIN-4-YL)QUINOLINE DIHYDROCHLORIDE see: TX8032000
N,N-DIMETHYL-1,2,3-TRITHIAN-5-AMINE, ETHANEDIOATE (1:1) see: YL8300000
N,N-DIMETHYL-1,2,3-TRITHIAN-5-AMINE HYDROGENOXALATE see: YL8300000
N,N-DIMETHYL-1,2,3-TRITHIAN-5-YLAMMONIUM HYDROGEN OXALATE see: YL8300000
N,N-DIMETHYLTYRAMINE HYDROCHLORIDE see: SL1225000
6,10-DIMETHYL-UNDECA-5,9-DIEN-2-ONE see: YQ1190000
DIMETHYLUNDECYLAMINE CHLORHYDRATE (French) see: YQ3157700
N,N-DIMETHYLUNDECYLAMINE HYDROCHLORIDE see: YQ3157600
N,N-DIMETHYL-1-UNDECYLAMINE HYDROCHLORIDE see: YQ3157600
2,5-DIMETHYL-1-UNDECYLPIPERAZINE DIHYDROCHLORIDE see: TL6253000
N,N'-DIMETHYLUREA see: YS9868000
sym-DIMETHYLUREA see: YS9868000
1,3-DIMETHYLUREA see: YS9868000
DIMETHYLUREA and SODIUM NITRITE see: YT1480000
p-N,N-DIMETHYLUREIDOAZOBENZENE see: YT1452000
m-(3,3-DIMETHYLUREIDO)PHENYL-tert-BUTYL CARBAMATE see: EY9980000
4,4-DIMETHYLVALERIANSAEURE beta-DIAETHYLAMINOAETHYLESTER DIHYDROGENCITRAT (German) see: YV6493500 VALERIC ACID, 4,4-DIMETHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, CITRATE
2,2-DIMETHYLVALERAMIDE see: YV4380000
4,4-DIMETHYLVALERIC ACID 2-(DIETHYLAMINO)ETHYL ESTER CITRATE see: YV6493500 VALERIC ACID,4,4-DIMETHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, CITRATE
2,2-DIMETHYLVALERIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: YV6493600 VALERICACID, 2,2-DIMETHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
2,2-DIMETHYLVALERIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE see: YV6505000 VALERIC ACID,2,2-DIMETHYL-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
4-(2,2-DIMETHYLVALERYL)MORPHOLINE see: QE2920000
(2,2-DIMETHYLVALERYL)UREA see: YT1576000
DIMETHYLVINYLCHLORIDE see: UC8045000
beta, beta-DIMETHYLVINYL CHLORIDE see: UC8045000
2,2-DIMETHYLVINYL CHLORIDE see: UC8045000
trans-2,2'''-((DIMETHYLVINYLENE)BIS(p-PHENYLENEOXY))BIS(TRIETHYLAMINE) see: YE1750000

BEST COPY AVAILABLE

trans-1,1'-((DIMETHYLVINYLENE)BIS(p-PHENYLENEOXY))DIPIPERIDINE see: TM7338000
trans-1,1'-((DIMETHYLVINYLENE)BIS(p-PHENYLENEOXY))DIPYRROLIDINE DIHYDROCHLORIDE see: UY1011400
trans-4,4'-(DIMETHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE)DIMORPHOLINE DIHYDROCHLORIDE see: QE2950000
DIMETHYLVINYLETHINYL-p-HYDROXYPHENYLMETHANE see: GO9300000
DIMETHYL(VINYL)ETHYNYLCARBINOL see: MP9880500 5-HEXEN-3-YN-2-OL, 2-METHYL-
alpha-(2,2-DIMETHYLVINYL)-alpha-ETHYNYL-p-CRESOL see: GO9300000
1,5-DIMETHYL-1-VINYL-4-HEXEN-1-YL o-AMINOBENZOATE see: CB3250000
1,5-DIMETHYL-1-VINYL-4-HEXEN-1-YL BENZOATE see: DH3300000
1,5-DIMETHYL-1-VINYL-4-HEXEN-1-YL CINNAMATE see: GD9700000
DIMETHYL VIOLOGEN CHLORIDE see: DW2275000
DIMETHYL XANTHIC DISULFIDE see: LQ8050000
1,3-DIMETHYLXANTHINE see: XH3850000
3,7-DIMETHYLXANTHINE see: XH2275000
1,3-DIMETHYLXANTHINE-7-ACETIC ACID 7-(beta-DIMETHYL)(AMINOETHOXY)FLAVON see: UO7452000
2-(1',3'-DIMETHYLXANTHINO)METHYL-4,4-DIMETHYL-4H-1,3-BENZOTHIAZINE see: XH5120000
DIMETHYLXANTHOGEN DISULFIDE see: LQ8050000
N,N-DIMETHYL-p-(2,3-XYLYLAZO)ANILINE see: BX8750000
N,N-DIMETHYL-p-(3,4-XYLYLAZO)ANILINE see: BX8925000
2,2-DIMETHYL-5-(2,5-XYLYLOXY)VALERIC ACID see: YV7120000
DIMETHYL YELLOW see: BX7350000
DIMETHYL YELLOW ANALAR see: BX7350000
DIMETHYL YELLOW N,N-DIMETHYLANILINE see: BX7350000
DIMETHYL ZINC see: ZH2320000
DIMETHYLZINC (DOT) see: ZH2320000
DIMETHYLZINN-S,S'-BIS(ISOOCTYLTHIOGLYCOLAT) (German) see: WH6721000
DIMETILAMIDE dell'ACIDO 3-(3,4-METILENDIOSSIFENIL)PROPENOICO (Italian) see: GD7290000
DIMETILAMIDE, dell'ACIDO 3,4-METILENDIOSSITIOBENZOICO (Italian) see: CV4705000
N-(beta-DIMETILAMINOETIL)-alpha-ETOSSI-alpha,alpha-DIFENILACETAMMIDE CLORIDRATO (Italian) see: AB7850000
5-(DIMETILAMINOETILOXIMINO-5H-DIBENZO(a,d)CICLOEPTA-1,4-DIENE) CLORIDRATO (Italian) see: HP1150000
(4-DIMETILAMINO-3-METIL-FENIL)-N-METIL-CARBAMMATO (Italian) see: FC0175000
5-(3-DIMETILAMINOPROPILIDEN)-5H-DIBENZO-(a,d)-CICLOPENTENE (Italian) see: HP0550000 5H-
DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5),gamma-PROPYLAMINE, N,N-DIMETHYL-
9-(3-DIMETILAMINOPROPYLIDEN)-10,10-DIMETIL-9,10-DIIDROANTHRACENE (Italian) see: CB0770000delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-
TETRAMETHYL-
N-(gamma-DIMETILAMINOPROPIL)-'MINODIBENZILE CLORIDRATO (Italian) see: HO1925000
4-(DIMETILAMMINO)-3-((DIMETILAMMINO)METILEN)-1,3-DIIDRO-2H-1,5-BENZODIAZEPIN-2-ONI (Italian) see: DF2378200
N,N-DIMETILAMMINOETIL-2-(4-(2H-INDAZOL-2-IL)FENIL)PROPIONATO CLORIDRATO (Italian) see: UF4894500
1-DIMETILAMMINOETIL-3-METIL-6,8-DIAZACHINOSSALIN-2(1H)-ONE (Italian) see: UO3511000
2-(DIMETILAMMINO)-6-FENILCROMONE (Italian) see: GB7994500
2-(DIMETILAMMINO)-8-FENILCROMONE (Italian) see: GB7994510
DIMETILAN see: EZ9084000
DIMETILANE see: EZ9084000
2,5-DIMETILBENZOCHINONE (1:4) (Italian) see: DK4800000
O,O-DIMETIL-O-(1,4-DIMETIL-3-OXO-4-AZA-PENT-1-ENIL)-FOSFATO (Italian) see: TC3850000
1,3-DIMETIL-2,6-DIOXIPURINA ETANOATO de TRIS-(HIDROXIMETIL)-AMINOMETANO (Spanish) see: UO7452200
2,6-DIMETIL-EPTAN-4-ONE (Italian) see: MJ5775000
O,O-DIMETIL-S-(2-ETIL-SOLFINIL-ETIL-MONOFOSFATO (Italian) see: TG1420000
O,O-DIMETIL-S-(ETILTIO-ETIL)-DITIOFOSFATO (Italian) see: TE4375000
O,O-DIMETIL-O-(2-ETILTIO-ETIL)-MONOTIOFOSFATO (Italian) see: TG1650000
O,O-DIMETIL-S-(2-ETILTIO-ETIL)-MONOTIOFOSFATO (Italian) see: TG1750000
trans-alpha,alpha-DIMETIL-4-FENILCICLOESILMETILAMMINA CLORIDRATO (Italian) see: GV6170000
DIMETILFORMAMIDE (Italian) see: LQ2100000
O,O-DIMETIL-S-(N-FORMIL-N-METIL-CARBAMOIL-METIL)-DITIOFOSFATO (Italian) see: TE1050000
O,O-DIMETIL-S-(N-METIL-CARBAMOIL-METIL)-DITIOFOSFATO (Italian) see: TE1750000
O,O-DIMETIL-S-(N-METIL-CARBAMOIL)-METIL-MONOTIOFOSFATO (Italian) see: TF8050000
O,O-DIMETIL-O-(2-N-METILCARBAMOIL-1-METIL-VINIL)-FOSFATO (Italian) see: TC4375000
O,O-DIMETIL-O-(3-METIL-4-METILTIO-FENIL)-MONOTIOFOSFATO (Italian) see: TF9625000
O,O-DIMETIL-O-(3-METIL-4-NITRO-FENIL)-MONOTIOFOSFATO (Italian) see: TG0350000
O,O-DIMETIL-S-((2-METOSSI-1,3,4-(4H)-TIADIZAOL-5-ON-4-IL)-METIL)-DITIFOSFATO (Italian) see: TE2100000
O,O-DIMETIL-O-(4-NITRO-FENIL)-MONOTIOFOSFATO (Italian) see: TG0175000
O,O-DIMETIL-S-((4-OXO-3H-1,2,3-BENZOTRIAZIN-3-IL)-METIL)-DITIOFOSFATO (Italian) see: TE1925000
(5,5-DIMETIL-3-OXO-CICLOES-1-EN-IL)-N,N-DIMETIL-CARBAMMATO (Italian) see: FA1500000
3,5-DIMETIL-PERIDRO-1,3,5-TIADIAZIN-2-TIONE (Italian) see: XI2800000
4-(2,5-DIMETIL-1-PIRRIL)FENILACETAO di ETILE (Italian) see: AH1880000
DIMETILSOLFATO (Italian) see: WS8225000
DIMETIL-p-TOLUIDINA (Italian) see: XU5803000
O,O-DIMETIL-(2,2,2-TRICLORO-1-IDROSSI-ETIL)-FOSFONATO (Italian) see: TA0700000
DIMETINA see: KV1915000
DIMETINDENE MALEATE see: UT0830000
DIMETON see: TE1750000
3,3'-DIMETOSSIBENZOINA (Italian) see: DD0875000
DIMETOX see: TA0700000
DIMETRIDAZOLE see: NI5075000
DIMETYLFORMAMIDU (Czech) see: LQ2100000
DIMEVAMIDE see: YV4400000
DIMEVUR see: TE1750000
DIMEXAN see: LQ8050000
DIMEXANO see: LQ8050000
DIMEZATHINE see: WO9275000
DIMID see: AB8050000
DIMILIN see: YS6200000
DIMIPRESSIN see: HO1575000
DIMIPRESSIN see: HO1925000
DIMITAN see: IA2100000
DIMITE see: DC7875000
DIMORLIN TARTRATE see: UY1430000
DIMORPHOLAMINE see: QD9800000
DIMORPHOLINE DISULFIDE see: QE3325000
DIMORPHOLINETHIURAM DISULFIDE see: JO1530000
DIMORPHOLINIUM HEXACHLOROSTANNATE see: QF3240000
(DIMORPHOLINOACETYL)-AMINO-4,4' PHENYLTHIOBENZENE (French) see: QD6495100
DIMORPHOLINO DISULFIDE see: QE3325000
DIMP see: SZ9090000
DIM-SA see: WM7650000

JE1085000 DIMYRCETOL

DEF: A mixture of DIHYDROMYRCENOL and DIHYDROMYRCENYL FORMATE (FCTXAV 18,649,80)
UPDT:8305

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 18,679,80

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4100 mg/kg FCTXAV 18,679,80

DIMYRISTYL PEROXYDICARBONATE see: SD9950000
DIMYRISTYL PEROXYDICARBONATE (DOT) see: SD9950000
DIMYRISTYL PEROXYDICARBONATE, not more than 27% in water (DOT) see: SD9951000
DIN 2.4602 see: GF9180000
DIN 2.4964 see: GF9180000
DINACORYL see: QS4375000
DINACRIN see: NS1750000
DINAPACRYL see: GQ5600000
3,4,5,6-DINAPHTHACARBAZOLE see: HO5600000
1,2,5,6-DINAPHTHACRIDINE see: HN0875000
3,4,6,7-DINAPHTHACRIDINE see: HN1050000
DINAPHTAZIN (German) see: JE1925000

JE1925000 DINAPHTHAZINE

UPDT:8401 CAS: 258-76-4 MW: 280.34 MOLFM: C20-H12-N2
SYN: DINAPHTAZIN (German)

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:200 mg/kg ZEKBAI 58,56,51

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JE2300000 DI-2-NAPHTHOL, 1,1'-(BENZYLIDENEBIS((2-METHOXY-p-PHENYLENE)(AZO))-

UPDT:8401 CAS: 6483-64-3 MW: 644.77 MOLFM: C41-H32-N4-O4
SYN: 1,1'-(BENZYLIDENEBIS((2-METHOXY-p-PHENYLENE)(AZO))DI-2-NAPHTHOL * 3,3'-
DIMETHOXYTRIPHENYLMETHANE-4,4'-DIS(1'' AZO-2''-NAPHTHOL)

TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:40 gm/kg/83W-C ZEKBAI 57,530,51

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JE2310000 DINAPHTHO(1,2,3-cd:3',2',1'-lm)PERYLENE-5,10-DIONE

UPDT:8407 CAS: 116-71-2 MW: 456.50 MOLFM: C34-H16-O2
SYN: DIBENZANTHRONE * VIOLANTHRONE

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:5000 mg/kg RPTOAN 40,137,77
ipr-mus LD50:2600 mg/kg RPTOAN 40,137,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DI-(1-NAPHTHOYL)PEROXIDE (DOT) see: QM0805000
DI-beta-NAPHTHYL-p-PHENYLDIAMINE see: ST2100000
DI-beta-NAPHTHYL-p-PHENYLENEDIAMINE see: ST2100000
N,N'-DI-beta-NAPHTHYL-p-PHENYLENEDIAMINE see: ST2100000
sym-DI-beta-NAPHTHYL-p-PHENYLENEDIAMINE see: ST2100000
1,3-DI-1-NAPHTHYLTRIAZENE see: XY2500000
DINATE see: PA2275000
DI-NATRIUM-AETHYLENBISDITHIOCARBAMAT (German) see: FA6825000
DINATRIUM-(N,N'-AETHYLEN-BIS(DITHIOCARBAMAT)) (German) see: FA6825000
DINATRIUM-(3,6-EPOXY-CYCLOHEXAAN-1,2-DICARBOXYLAAT) (Dutch) see: RN8225000
DINATRIUM-(3,6-EPOXY-CYCLOHEXAN-1,2-DICARBOXYLAT) (German) see: RN8225000
DINATRIUM-(N,N'-ETHYLEEN-BIS(DITHIOCARBAMAAT)) (Dutch) see: FA6825000
DINDEVAN see: NK6125000
DINDUGALU EXTRACT (Indian) see: CA1615000
DINEVAL see: NK6125000
DINEX see: SK6650000
DINEZIN see: SO4200000
DINICKEL TRIOXIDE see: QR8420000
DINIL see: DV1500000
DINILE see: WN3850000
DININTEL see: SH0683700
DINITOLMID see: XS4200000
DINITOLMIDE see: XS4200000
DINITRAMINE see: XS9990000
2,4-DINITRANILINE see: BX9100000
DINITRANILINE ORANGE see: QL3854000
DINITRATE DE DIETHYLENE-GLYCOL (French) see: ID6825000
1,3-DINITRATO-2,2-BIS(NITRATOMETHYL)PROPANE see: RZ2620000
2,3-DINITRILO-1,4-DITHIA-ANTHRAQUINONE see: QL0700000
2,3-DINITRILO-1,4-DITHIOANTHRACHINON (German) see: QL0700000
DINITRO see: SJ9800000
DINITRO-3 see: SJ9800000
DINITROAMINE see: XS9990000
2,4-DINITROANILIN (German) see: BX9100000
2,4-DINITROANILINA (Italian) see: BX9100000
2,4-DINITROANILINE see: BX9100000
3,5-DINITROANILINE see: BX9200100
DINITROANILINE ORANGE ND-204 see: QL3854000
DINITROANILINE RED see: QL3854000
DINITROANILINES see: BX9010000
DINITROANILINES (DOT) see: BX9010000
2-(2,4-DINITROANILINO)ETHANOL see: KK7205000
2,4-DINITROBENZALDEHYDE see: CU5957000
m-DINITROBENZENE see: CZ7350000
o-DINITROBENZENE see: CZ7450000
p-DINITROBENZENE see: CZ7525000
1,3-DINITROBENZENE see: CZ7350000
2,4-DINITROBENZENE see: CZ7350000
m-DINITROBENZENE (DOT) see: CZ7350000
o-DINITROBENZENE (DOT) see: CZ7450000
p-DINITROBENZENE (DOT) see: CZ7525000
DINITROBENZENE SOLID (DOT) see: CZ7340000
DINITROBENZENE, solution (DOT) see: CZ7340000
1,3-DINITROBENZOL see: CZ7350000
DINITROBENZOL SOLID (DOT) see: CZ7340000
5,8-DINITROBENZO(ghi)PERYLENE see: DI6201000
5,10-DINITROBENZO(ghi)PERYLENE see: DI6202000
5,7-DINITRO-1,2,3-BENZOXADIAZOLE see: DM2600000
2,4-DINITROBENZYL ALCOHOL see: DO5463500
4,4'-DINITROBIFENYL (Czech) see: DV4000000
4,4'-DINITROBIPHENYL see: DV4000000
m,m'-DINITRO-p,p'-BIS-ETHYLENEIMINO-DIPHENYLSULPHONE see: CM8860000
3,5-DINITRO 4,6-BIS-ETHYLENEIMINO-2-p-AMISYLPYRIMIDINE see: UV7076300
2,4-DINITRO-6-BROMANILIN (czech) see: BW9303000
4,6-DINITRO-2-sec.BUTYLFENOL (Czech) see: SJ9800000
2,4-DINITRO-6-s-BUTYLFENYLESTER KYSELINY OCTOVE (Czech) see: AF7140000
DINITROBUTYLPHENOL see: SJ9800000
2,4-DINITRO-6-sec-BUTYLPHENOL see: SJ9800000
4,6-DINITRO-o-sec-BUTYLPHENOL see: SJ9800000
4,6-DINITRO-2-sec-BUTYLPHENOL see: SJ9800000
4,6-DINITRO-2-s-BUTYLPHENYL ACETATE see: AF7140000

BEST COPY AVAILABLE

4,6-DINITRO-2-sec-BUTYLPHENYL beta,beta-DIMETHYLACRYLATE see: GQ5600000
2,4-DINITRO-6-sec-BUTYLPHENYL ISOPROPYL CARBONATE see: FF9100000
2,4-DINITRO-6-sec-BUTYLPHENYL 2-METHYLCROTONATE see: GQ5600000
4,6-DINITRO-2-CAPRYLPHENYL CROTONATE see: GQ5775000
4,6-DINITRO-2-(2-CAPRYL)PHENYL CROTONATE see: GQ5775000
DINITROCHLOROBENZENE see: CZ0490000
1,3-DINITRO-4-CHLOROBENZENE see: CZ0525000
2,4-DINITROCHLOROBENZENE see: CZ0525000
2,4-DINITRO-1-CHLOROBENZENE see: CZ0525000
DINITROCHLOROBENZENE (DOT) see: CZ0490000
DINITROCHLOROBENZOL see: CZ0525000
DINITROCHLOROBENZOL (DOT) see: CZ0525000
2,4-DINITRO-1-CHLORO-NAPHTHALENE see: QJ2450000
DINITROCRESOL see: GO9625000
DINITRO-o-CRESOL see: GO9625000
DINITRO-o-CRESOL see: GO9450000
DINITRO-p-CRESOL see: GO9800000
LE DINITROCRESOL-4,6 (French) see: GO9625000
2,4-DINITRO-o-CRESOL see: GO9625000
3,5-DINITRO-p-CRESOL see: GO9900000
4,6-DINITRO-o-CRESOL see: GO9625000
DINITRO-o-CRESOL, liquid (DOT) see: GO9450000
DINITRO-o-CRESOL, solid (DOT) see: GO9450000
4,6-DINITRO-o-CRESOLO (Italian) see: GO9625000
DINITROCYCLOHEXYLPHENOL see: SK6650000
DINITRO-o-CYCLOHEXYLPHENOL see: SK6650000
2,4-DINITRO-6-CYCLOHEXYLPHENOL see: SK6650000
4,6-DINITRO-o-CYCLOHEXYLPHENOL see: SK6650000
DINITROCYCLOHEXYLPHENOL (DOT) see: SK6650000
DINITRODENDTROXAL see: GO9625000
DINITRODIGLICOL (Italian) see: ID6825000
DINITRODIGLYKOL (Czech) see: ID6825000
4,4'-DINITRO-N,N'-DIMETHYLCARBANILIDE see: FE0880000
1,3-DINITRO-5,5-DIMETHYLHYDANTOIN see: MU0986000
1,3-DINITRO-4,5-DINITROSOBENZENE see: CZ7750000
1,3-DINITRO-4,5-DINITROSOBENZENE (DOT) see: CZ7750000
3',5'-DINITRO-4'-(DI-n-PROPYLAMINO)ACETOPHENONE see: AM8470000
2,6-DINITRO-N,N-DIPROPYLCUMIDINE see: BX9286000
3,5-DINITRO-N(sup 4),N(sup 4)-DIPROPYLSULFANILAMIDE see: WO9350000
2,6-DINITRO-N,N-DIPROPYL-p-TOLUIDINE see: XU6125000
2,6-DINITRO-N,N-DI-n-PROPYL-p-TOLUIDINE see: XU6125000
2,6-DINITRO-N,N-DIPROPYL-4-(TRIFLUOROMETHYL)BENZENAMINE see: XU9275000
2,6-DINITRO-N,N-DI-n-PROPYL-alpha,alpha,alpha-TRIFLUORO-p-TOLUIDINE see: XU9275000
1,1-DINITROETHANE see: KI1510000
1,2-DINITROETHANE see: KI1511000
1,2-DINITROETHANE (DOT) see: KI1511000
1,1-DINITROETHANE (DRY) (DOT) see: KI1510000
2,6-DINITRO-4-ETHYLENEIMINOSULPHONYL-N-PHENYLETHYLENEIMINE see: CM6345000
2,4-DINITROFENOL (Dutch) see: SL2800000
DINITROFENOLO (Italian) see: SL2800000
2,4-DINITROFENYLHYDRAZIN (Czech) see: MV3325000
2,7-DINITROFLUORENE see: LL7175000
2',4'-DINITRO-2-FLUOROACETANILIDE see: AE2470000 ACETANILIDE, 2',4'-DINITRO-2-FLUORO-
2,7-DINITRO-9-FLUORENONE see: LL9051000
2,4-DINITROFLUOROBENZENE see: CZ7800000
2,4-DINITRO-1-FLUOROBENZENE see: CZ7800000
DINITROGEN MONOXIDE see: QX1350000
DINITROGEN TETRAFLUORIDE see: QX0175000
DINITROGEN TETROXIDE see: QX1575000
DINITROGEN TRIOXIDE see: QX1960000
DINITROGLICOL (Italian) see: KW5600000
1,3-DINITROGLYCERIN see: MA9487500
DINITROGLYCOL see: KW5600000
DINITROGLYCOLURIL see: NI2938500
DINITROGLYCOLURIL (DOT) see: NI2938500
3,5-DINITRO-2-HYDROXYTOLUENE see: GO9625000
2',4'-DINITRO-2-IODOACETANILIDE see: AE2480000 ACETANILIDE, 2',4'-DINITRO-2-IODO-
4,6-DINITROKRESOL (Dutch) see: GO9625000
4,6-DINITRO-o-KRESOL (Czech) see: GO9625000
DINITROL see: GO9625000
2,4-DINITROMESITYLENE see: OX7030000
DINITROMETHANE see: PA8770000
DINITROMETHANE (DOT) see: PA8770000
2,6-DINITRO-3-METHOXY-4-tert-BUTYLTOLUENE see: BZ8575000
1,5-DINITRO-2-METHYL-9,10-ANTHRAQUINONE see: CB6951000
2,4-DINITRO-3-METHYL-6-tert-BUTYLPHENYL ACETATE see: AF7175000
DINITROMETHYL CYCLOHEXYLTRIENOL see: GO9625000
DINITRO(1-METHYLHEPTYL)PHENYL CROTONATE see: GQ5775000
2,4-DINITRO-6-(1-METHYLHEPTYL)PHENYL CROTONATE see: GQ5775000
4,6-DINITRO-2-(1-METHYLHEPTYL)PHENYL CROTONATE see: GQ5775000 CROTONIC ACID, 2-(1-METHYLHEPTYL)-4,6-DINITROPHENYL ESTER
2,4-DINITRO-6-METHYLPHENOL see: GO9625000
2,4-DINITRO-6-(1-METHYL-PROPYL)PHENOL (French) see: SJ9800000
4,6-DINITRO-2-(1-METHYL-n-PROPYL)PHENOL see: SJ9800000
2,6-DINITRO-4-METHYLSULFONYL-N,N-DIPROPYLANILINE see: BY6200000
DINITRONAPHTHALENE see: QJ4550000
1,3-DINITRONAPHTHALENE see: QJ4550800
2,4-DINITRO-6-(2-OCTYL)PHENYL CROTONATE see: GQ5775000
DINITROPHENOL see: SL2625000
alpha-DINITROPHENOL see: SL2800000
beta-DINITROPHENOL see: SL2975000
gamma-DINITROPHENOL see: SL2900000
2,3-DINITROPHENOL see: SL2700000
2,4-DINITROPHENOL see: SL2800000
2,5-DINITROPHENOL see: SL2900000
2,6-DINITROPHENOL see: SL2975000
3,4-DINITROPHENOL see: SL3000000
3,5-DINITROPHENOL see: SL3050000
DINITROPHENOL ANION see: SL2626000
DINITROPHENOL, dry or containing, by weight, less than 15% water (DOT) see: SL2625000
DINITROPHENOL, wetted with, by weight, at least 15% water (DOT) see: SL2627000
DINITROPHENOLATES see: SL2626000
DINITROPHENOLATES, wetted with, by weight, at least 15% water (DOT) see: SL2626000
DINITROPHENOL SOLUTION (DOT) see: SL2625000
DINITROPHENOXIDE see: SL2626000
DINITROPHENYLATE see: SL2626000
1-(2,4-DINITROPHENYL)AZIRIDINE see: CM6895000
4,6-DINITROPHENYL-2-sec-BUTYL-3-METHYL-2-BUTENONATE see: GQ5600000
2,4-DINITROPHENYL-2,4-DINITRO-6-sec-BUTYLPHENYL CARBONATE see: FF8950000
N-2,4-DINITROPHENYLETHANOLAMINE see: KK7205000
2,4-DINITROPHENYLETHYLENEIMINE see: CM6895000
N-(2,4-DINITROPHENYL)GLYCINE see: MC0070000
2,4-DINITROPHENYLHYDRAZINE see: MV3325000
N-(4-(2,4-DINITROPHENYL)HYDRAZONOMETHYL-2-THIAZOLYL)ACETANILIDE see: AE3800000
N-(2,4-DINITROPHENYL)-DL-LEUCINE see: OM3167000
6-(2',4'-DINITROPHENYL)MERCAPTOPURINE see: UO7670000
DINITROPHENYLMETHANE see: XT1300000
N-(2,4-DINITROPHENYL)-DL-METHIONINE see: PD0710000
6-(2',4'-DINITROPHENYL)-MP see: UO7670000
2,4-DINITROPHENYL OCTYL CARBONATE see: FG0470000
N-(2,4-DINITROPHENYL)-DL-PHENYLALANINE see: AY5994700
N-(2,4-DINITROPHENYL)-DL-SERINE see: VT9626300
2,4-DINITROPHENYL THIOCYANATE see: XK9450000
6-((2,4-DINITROPHENYL)THIO)PURINE see: UO7670000
2,2-DINITROPROPANOL see: UB4025000
2,2-DINITRO-1-PROPANOL see: UB4025000
DINITROPROPYLENE GLYCOL (DOT) see: TY6304000
1,3-DINITROPYRENE see: UR2454000
1,6-DINITROPYRENE see: UR2455000
1,8-DINITROPYRENE see: UR2456000
4,8-DINITROQUINOLINE N-OXIDE see: VB7875020
4,6-DINITROQUINOLINE 1-OXIDE see: VB7875000
4,7-DINITROQUINOLINE-1-OXIDE see: VB7875010
DINITRORESORCINOL see: VH1250000
DINITRORESORCINOL, dry or containing, by weight, less than 15% water (DOT) see: VH1250000
DINITRORESORCINOL, wetted with, by weight, at least 15% water (DOT) see: VH1255000
DINITROSALICYLIC ACID LEAD SALT dry (DOT) see: VO2974000
DINITROSOBENZENE (DOT) see: CZ7850000
DINITROSOIMETIDINE see: MF0028500
N,N'-DINITROSO-N,N'-DIETHYLETHYLENEDIAMINE see: KV3675000
N,N'-DINITROSO-N,N'-DIMETHYLETHYLENEDIAMINE see: KV4375000
DINITROSO-2,6-DIMETHYLPIPERAZINE see: TL6210000
1,4-DINITROSO-2,6-DIMETHYLPIPERAZINE see: TL6210000
DINITROSODIMETHYLPROPANEDIAMINE see: TX7700000
N,N'-DINITROSO-N,N'-DIMETHYL-1,3-PROPANEDIAMINE see: TX7700000
N,N'-DINITROSO-N,N'-DIMETHYLTEREPHTALSAUREAMID (German) see: WZ0760000
DINITROSOHOMOPIPERAZINE see: HM3950000
N,4-DINITROSO-N-METHYLANILINE see: BX9350000
DINITROSOPENTAMETHYLENETETRAMINE see: XA5250000
N,N-DINITROSOPENTAMETHYLENETETRAMINE see: XA5250000
N,N'-DINITROSOPENTAMETHYLENETETRAMINE see: XA5250000
N(sup 1),N(sup 3)-DINITROSOPENTAMETHYLENETETRAMINE see: XA5250000
3,4-DI-N-NITROSOPENTAMETHYLENETETRAMINE see: XA5250000
3,7-DI-N-NITROSOPENTAMETHYLENETETRAMINE see: XA5250000
DI(N-NITROSO)-PERHYDRO-PYRIMIDINE see: UV8925000
DINITROSOPIPERAZIN (German) see: TL6300000
DINITROSOPIPERAZINE see: TL6300000
N,N'-DINITROSOPIPERAZINE see: TL6300000
1,4-DINITROSOPIPERAZINE see: TL6300000
DINITROSOPRODECTIN see: FC6627000
N-DINITROSOPYRIDINOLCARBAMATE see: FC6627000
N,N'-DINITROSOPYRIDINOL CARBAMATE see: FC6627000
DINITROSOSIMETRYNE see: XY4070000
3,7-DINITROSO-1,3,5,7-TETRAAZABICYCLO-(3,3,1)-NONANE see: XA5250000
2,2'-DINITROSTILBENE see: DA0513500
2,2'-DINITROSTILBENE (DOT) see: DA0513500
1,4-DINITRO-1,1,4,4-TETRAMETHYLOLBUTANETETRANITRATE, dry (DOT) see: MO2282000
1,4-DINITRO-2,3,5,6-TETRANITROSOBENZENE see: CZ7876000
2,4-DINITROTHIOCYANATOBENZENE see: XK9450000
2,4-DINITROTHIOCYANOBENZENE see: XK9450000
2,4-DINITRO-1-THIOCYANOBENZENE see: XK9450000
2,4-DINITROTHIOPHENE see: XM9275000
3,5-DINITRO-o-TOLUAMIDE see: XS4200000
DINITROTOLUENE see: XT1300000
2,3-DINITROTOLUENE see: XT1400000
2,4-DINITROTOLUENE see: XT1575000
2,5-DINITROTOLUENE see: XT1750000
2,6-DINITROTOLUENE see: XT1925000
3,4-DINITROTOLUENE see: XT2100000
3,5-DINITROTOLUENE see: XT2150000
DINITROTOLUENE, liquid (DOT) see: XT1300000
DINITROTOLUENE, solid (DOT) see: XT1300000
2,4-DINITROTOLUOL see: XT1575000
4,6-DINITRO-1,2,3-TRICHLOROBENZENE see: CZ7900000
2,6-DINITRO-4-TRIFLUORMETHYL-N,N-DIPROPYLANILIN (German) see: XU9275000
2,4'-DINITRO-4-TRIFLUOROMETHYL-DIPHENYL ETHER see: KO2750000
2,4-DINITRO-1,3,5-TRIMETHYLBENZENE (DOT) see: OX7030000
Di-(beta-NITROXYETHYL)AMMONIUM NITRATE (DOT) see: KL3250000
4,6-DINITRO-2,5-XYLENOL see: ZE7420000
alpha,alpha'-Di-(NITROXY)METHYL ETHER (DOT) see: PC3370000
1,9-DINITROXYPENTAMETHYLENE-2,4,6,8-TETRAMINE, dry (DOT) see: XA5252000
N-DINITROZO-PIRIDINOLKARBAMAT (Hungarian) see: FC6627000
DINKUM OIL see: LE2530000
DINOBUTON see: FF9100000
DINOC see: GO9625000
DINOCAP see: GQ5775000
DINOCTON-6 see: JF7350000

JF7350000 DINOCTON-O

UPDT:8309 CAS: 8069-76-9 MW: 354.40 MOLFM: C16 H22-N2-O7
SYN: DINOCTON-6 * MC 1945

TOXICITY DATA AND REFERENCES:

ori-rat LD50:1250 mg/kg 28ZEAL 5,82,76
skn-rat LD50:3000 mg/kg 31ZOAD 1,176,68

DINOFEN see: FF9100000
DINOKAP see: GQ5775000
Di-n-NONANOYL PEROXIDE, technically pure (DOT) see: RA8435000
DINONYL 1,2-BENZENEDICARBOXYLATE see: TI1800000
DINONYL PHTHALATE see: TI1800000
Di-n-NONYL PHTHALATE see: TI1800000
DINOPOL 235 see: TI0550000
DINOPOL NOP see: TI1925000
DINOPONERA GIGANTEA VENOM see: YX4179800
DINOPROST see: UK8020000
DINOPROST METHYL ESTER see: UK8021500
DINOPROSTONE see: UK8000000
DINOPROST TROMETHAMINE see: UK8025000
19,24-DINORCHOLA-1,3,5(10),7,20,22-HEXAENE-3,17-DIOL, 21,23-EPOXY-, 3-ACETATE, (17-alpha)- see: JF7952000

BEST COPY AVAIL

JF7952000 19,24-DINOR-17-alpha-CHOLA-1,3,5(10),7,20,22-HEXAENE-3,17-DIOL, 21,23-EPOXY-, 3-ACETATE
UPDT:8403 CAS: 10322-73-3 MW: 378.50 MOLFM: C24-H26-O4
SYN: AY-11483 * AY 11483-16 * 19,24-DINORCHOLA-1,3,5(10),7,20,22-HEXAENE-3,17-DIOL, 21,23-EPOXY-, 3-ACETATE, (17-alpha)- * 21,23-EPOXY-19,24-DINOR-17-alpha-CHOLA-1,3,5(10),7,20,22-HEXAENE-3,17-DIOL 3-ACETATE * ESTROFURATE * 17-alpha-(3-FURYL)ESTRA-1,3,5(10),7-TETRAENE-3,17-DIOL 3-ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:17500 ug/kg (35D pre)	JRPFA4 18,509,69
1T29	orl-rat TDLo:200 ug/kg (4D pre)	JRPFA4 18,509,69
1T24	orl-rat TDLo:250 ug/kg (1-5D preg)	JRPFA4 18,509,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DINORDRIN see: JF8370000
DINORDRIN I see: JF8370000
DINORDRIN I DIACETATE see: JF8350000
DINORDRIN I (FREE ALCOHOL) see: JF8340000
DINORDRIN II see: JF8360000
DINORDRIN II DIPROPIONATE see: JF8360000

18,19-DINORPREGNA-4,9,11-TRIEN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, (17-alpha)- (9CI) see: JF7964000

JF7964000 18,19-DINOR-17-alpha-PREGNA-4,9,11-TRIEN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-
UPDT:8405 CAS: 16320-04-0 MW: 308.45 MOLFM: C21-H24-O2
SYN: 18,19-DINORPREGNA-4,9,11-TRIEN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, (17-alpha)- (9CI) * 13-ETHYL-17-alpha-ETHINYL-17-HYDROXYGON-4,9,11-TRIEN-3-ONE * 13-ETHYL-17-HYDROXY-18,19-DINOR-17-alpha-PREGNA-4,9,11-TRIEN-20-YN-3-ONE * ETHYLNORGESTRIENONE * GESTRIGONE * GESTRINONE * R 2323 * RU 2323

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T14T22	orl-wmn TDLo:400 ug/kg (8D pre)	CCPTAY 14,275,76
1T14	orl-wmn TDLo:1200 ug/kg (12W pre)	FESTAS 31,278,79
2T14T22	imp-wmn TDLo:1800 ug/kg (48W pre)	CCPTAY 11,625,75
1T29	ivg-wmn TDLo:185 ug/kg (28D pre)	CCPTAY 14,671,76
1T29	scu-mky TDLo:2410 ug/kg (1Y pre)	CCPTAY 15,335,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF7965000 18,19-DINOR-17-alpha-PREGNA-4,9,11-TRIEN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, and TESTOSTERONE
UPDT:8305 MW: 596.92 MOLFM: C21-H24-O2 C19-H28-O2
SYN: R2323 and TESTOSTERONE * TESTOSTERONE and R2323

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	mul-man TDLo:20 mg/kg (24W male)	CCPTAY 8,207,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

18,19-DINORPREGN-4-EN-3-ONE, 13-ETHYL-17-HYDROXY-, (17-alpha)-(+-)- (9CI) see: JF7972000

JF7972000 18,19-DINOR-17-alpha-PREGN-4-EN-3-ONE, 13-ETHYL-17-HYDROXY-, (+-)-
UPDT:8403 CAS: 1235-15-0 MW: 316.53 MOLFM: C21-H32-O2
SYN: dl-13-beta-17-alpha-DIETHYL-17-beta-HYDROXYGON-4-EN-3-ONE * 18,19-DINORPREGN-4-EN-3-ONE, 13-ETHYL-17-HYDROXY-, (17-alpha)-(+-)- (9CI) * 3-ETHYL-17-HYDROXY-18,19-DINOR-PREGN-4-EN-3-ONE * dl-13-ETHYL-17-HYDROXY-18,19-DINOR-17-alpha-PREGN-4-EN-3-ONE * GENABOL * NORBOLETHONE * DL-NORBOLETHONE * WY-3475

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T16	orl-rat TDLo:165 mg/kg (15-25D preg)	PSEBAA 123,867,66
1T16	scu-rat TDLo:5 mg/kg (15-24D preg)	PSEBAA 123,867,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF7975000 18,19-DINORPREGN-4-EN-20-YN-17-OL, 13-ETHYL-11-METHYLENE-, (17-alpha)-
UPDT:8312 CAS: 54024-22-5 MW: 310.52 MOLFM: C22-H30-O
SYN: DESOGESTREL * 13-ETHYL-11-METHYLENE-18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-17-OL * ORG 2969

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-wmn TDLo:6 ug/kg (20D pre)	CCPTAY 16,51,77
2T14T29	orl-wmn TDLo:24 ug/kg (20D pre)	ACENA7 83,429,76
1T29	orl-wmn TDLo:6300 ng/kg (21D pre)	EXMDA4 396,252,76
2T02T03	orl-rat TDLo:28 mg/kg (7D male)	ARZNAD 33,231,83
1T29	orl-rat TDLo:6250 ug/kg (5D pre)	ARZNAD 33,231,83
1T29	orl-rbt TDLo:125 ug/kg (1D pre)	ARZNAD 33,231,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF7976000 18,19-DINORPREGN-4-EN-20-YN-3-ONE, 17-(ACETYLOXY)-13-ETHYL-, 3-OXIME, (17-alpha)-
UPDT:8402 CAS: 35189-28-7 MW: 369.55 MOLFM: C23-H31-N-O3
SYN: (17-alpha)-17-(ACETYLOXY)-13-ETHYL-18,19-DINORPREGN-4-EN-20-YN-3-ONE 3-OXIME * DEXNORGESTREL ACETIME * d-13-beta-ETHYL-17-alpha-ETHYNYL-17-beta-ACETOXYGON-4-EN-3-ONE OXIME * NORGESTIMATE * ORF 10131

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-rat TDLo:1 mg/kg (2D pre)	CCPTAY 16,541,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF7980000 18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 21-CHLORO-13-ETHYL-17-HYDROXY-, mixed with 3-METHOXY-17-alpha-19-NORPREGNA-1,3,5(10)TRIEN-20-YN-17-OL
UPDT:8401
SYN: CHLOROETHYNYL NORGESTREL mixed with MESTRANOL (20:1) * MESTRANOL mixed with CHLOROETHYNYL NORGESTREL (1:20) * Wy-4355 mixed with MESTRANOL (20:1)

TUMORIGENIC DATA AND REFERENCES:

3V01R60V15	orl-dog TDLo:463 mg/kg/90W-I	JJIND8 65,137,80
2V03R60	orl-dog TD :423 mg/kg/4Y-I	JTEHD6 3,179,77
2V03R60	orl-dog TD :383 mg/kg/4Y-I	JNCIAM 59,933,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF8225000 18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, (+)-
UPDT:8405 MW: 312.49 MOLFM: C21-H28-O2
SYN: 17-alpha-ETHINYL-13-beta-ETHYL-17-beta-HYDROXY-4-ESTREN-3-ONE * 11-ETHYL-17-alpha-ETHYNYLGON-4-EN-17-beta-OL-3-ONE * 13-ETHYL-17-alpha-ETHYNYL-17-beta-HYDROXY-4-GONEN-3-ONE * 17-ETHYNYL-18-AETHYL-19-NORTESTOSTERONE * 17-beta-HYDROXY-18-METHYL-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE * 18-METHYL-17-alpha-ETHYNYL-19-NORTESTOSTERONE * d-NORGESTREL * D-NORGESTREL * D-NORGESTREL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-wmn TDLo:274 ug/kg (52W pre)	FESTAS 24,191,73
1T22	orl-wmn TDLo:20 ug/kg (1D preg)	IPJFA3 20,156,75
1T22	orl-wmn TDLo:109 ug/kg (26W pre)	JNJFA3 17,17,72
1T22	orl-wmn TDLo:5 ug/kg (1D preg)	CCPTAY 7,367,73
1T14	orl-wmn TDLo:8 ug/kg (1D pre)	CCPTAY 11,31,75
2T14T22	imp-wmn TDLo:38160 ng/kg (22W pre)	CCPTAY 18,411,78
1T22	imp-wmn TDLo:1600 ug/kg (52W pre)	CCPTAY 12,615,75
1T29	orl-rat TDLo:10 ug/kg (6D preg)	IJEBA6 11,321,73
1T29	orl-rat TDLo:960 mg/kg (2D pre)	CCPTAY 16,541,77
1T13	orl-rat TDLo:10 ug/kg (6D preg)	IJEBA6 17,684,79
1T13	orl-dog TDLo:1600 ug/kg (5D pre)	CCPTAY 12,529,75
1T12	orl-mky TDLo:1800 ug/kg (43W pre)	CCPTAY 16,499,77
1T29	orl-rbt TDLo:4500 ug/kg (3D pre)	CCPTAY 21,61,80
1T24	scu-rbt TDLo:300 ug/kg (2D pre/1D preg)	AJOGAH 117,167,73

TUMORIGENIC DATA AND REFERENCES:

2V02R60	orl-mus TDLo:29 mg/kg/69W-C	CRSBAW 168,1190,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, CMROCX 4,309,76

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE		IARC** 6,201,74
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE		IARC** 21,479,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE		IARC** 21,479,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF8225200 18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, (+-)-
UPDT:8408 CAS: 6533-00-2 MW: 312.49 MOLFM: C21-H28-O2
SYN: 18,19-DINORPREGN-4-EN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, (17-alpha)-(+-)- (9CI) * dl-13-beta-ETHYL-17-alpha-ETHYNYL-17-beta-HYDROXYGON-4-EN-3-ONE * dl-13-beta-ETHYL-17-alpha-ETHYNYL-19-NORTESTOSTERONE * (-)-13-ETHYL-17-HYDROXY-18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-3-ONE * FH 122-A * LD NORGESTREL (French) * MONOVAR * NORGESTREL * (+)-NORGESTREL * alpha-NORGESTREL * dl-NORGESTREL * SH 850 * SH 70850 * WY 3707

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-wmn TDLo:18 ug/kg (12D pre)	FESTAS 23,739,72
1T22	orl-wmn TDLo:4 mg/kg (40D pre)	INJFA3 11,401,66
1T22	orl-wmn TDLo:365 ug/kg (52W pre)	BMJOAE 2,730,69
2T14T29	orl-wmn TDLo:75 ug/kg (5D pre)	CCPTAY 12,589,75
1T22	orl-wmn TDLo:30 ug/kg (30D pre)	BMJOAE 4,489,68
1T16	orl-rat TDLo:150 mg/kg (15-24D preg)	PSEBAA 123,867,66
1T22	orl-rat TDLo:525 mg/kg (35D pre)	INJFA3 11,389,66
1T24	orl-rat TDLo:548 ug/kg (49W pre/1-22D preg)	CCPTAY 2,59,70
1T13	orl-rat TDLo:210 mg/kg (14D pre)	FESTAS 24,284,73
1T16	scu-rat TDLo:5 mg/kg (15-24D preg)	PSEBAA 123,867,66
1T53	scu-rat TDLo:60 mg/kg (17-20D preg)	AVBIB9 13,71,74
2T12T29	scu-rat TDLo:700 ug/kg (14D pre)	CCPTAY 5,57,72
1T13	scu-rat TDLo:140 mg/kg (14D pre)	CCPTAY 5,57,72
2T02T03	ims-rat TDLo:12 mg/kg (30D male)	IJEBA6 10,159,72
1T23	ims-rat TDLo:19200 ug/kg (48D male)	IJEBA6 10,159,72
1T24	imp-rat TDLo:6 mg/kg (17W pre)	CCPTAY 12,549,75
3T01T02T09	ims-mky TDLo:33 mg/kg (94D male)	IJEBA6 7,49,69
2T13T19	orl-rbt TDLo:180 ug/kg (30D pre)	IJMRAQ 63,1413,75
1T24	imp-rbt TDLo:600 ug/kg (17W pre)	CCPTAY 12,549,75

TUMORIGENIC DATA AND REFERENCES:

2V02R60	orl-mus TDLo:57 mg/kg/68W-C	CRSBAW 168,1190,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JIMRBV 1(2),141,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF8259000 18,19-DINORPREGN-4-EN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, (8-alpha,9-beta,10-alpha,13-alpha, 14-beta)-
UPDT:8406 CAS: 797-64-8 MW: 312.49 MOLFM: C21-H28-O2
SYN: LEVONORGESTREL * l-NORGESTREL * levo-NORGESTREL * NORPLANT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T01T09N16	orl-man TDLo:2607 ug/kg (52W male)	CCPTAY 21,631,80
1T22	orl-wmn TDLo:219 ug/kg (52W pre)	CCPTAY 25,243,82
1T29	imp-wmn TDLo:875 ug/kg (35W pre)	CCPTAY 22,71,80
1T22	imp-wmn TDLo:1091 ug/kg (5Y pre)	CCPTAY 25,447,82
2T01T04	imp-man TDLo:3171 ug/kg (60D male)	CCPTAY 25,591,82
2T14T22	imp-wmn TDLo:110 ug/kg (52W pre)	CCPTAY 18,151,78
1T22	imp-wmn TDLo:4080 ug/kg (52W pre)	CCPTAY 27,473,83
1T13	ivg-wmn TDLo:102 ug/kg (17D pre)	CCPTAY 22,71,80
1T14	icv-wmn TDLo:12 ug/kg (30D pre)	CCPTAY 23,473,81
1T22	icv-wmn TDLo:36 ug/kg (90D pre)	CCPTAY 23,473,81
1T24	scu-rat TDLo:250 mg/kg (1-4D preg)	CCPTAY 21,537,80
1T24	scu-mus TDLo:200 mg/kg (1-4D preg)	CCPTAY 21,537,80
1T22	orl-mky TDLo:80 ug/kg (1D preg)	CCPTAY 21,537,80
1T21	orl-rbt TDLo:80 mg/kg (56D male)	CCPTAY 21,641,80
1T29	orl-rbt TDLo:500 ug/kg (1D pre)	ARZNAD 33,231,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

18,19-DINORPREGN-4-EN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, (17-alpha)-(+-)- (9CI) see: JF8225200

JF8290000 18,19-DINORPREGN-4-EN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-11-METHYLENE-, (17-alpha)-
UPDT:8401 CAS: 54048-10-1 MW: 324.50 MOLFM: C22-H28-O2
SYN: (17-alpha)-13-ETHYL-17-HYDROXY-11-METHYLENE-18,19-DINORPREGN-4-EN-20-YN-3-ONE * 13-ETHYL-11-METHYLENE-18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-3-ONE * ORG 3236

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-wmn TDLo:10500 ng/kg (21D pre)	CCPTAY 17,19,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF8300000 18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, mixed with 19-NOR- 17-alpha-PREGNA-1,3,5(10)-TRIEN-2-YNE-3,17-DIOL
UPDT:8408 CAS: 8056-51-7 MW: 608.93 MOLFM: C21-H28-O2 C20-H24-O2
SYN: DUOLUTON * EDIWAL * ETHINYL ESTRADIOL mixed with NORGESTREL * ETHINYLESTRADIOL mixed with dl-NORGESTREL * ETHINYLOESTRADIOL mixed with NORGESTREL * EUGYNON * FOLLINYL * GRAVISTAT * LO-OVRAL * MICROGYNON * MINIDRIL * NEOGYNON * NEOVLETTA * NORDETTE * NORDIOL * NORDIOL 28 * NORGESTREL mixed with ETHINYL ESTRADIOL * dl-NORGESTREL mixed with ETHINYLESTRADIOL * NORGESTREL mixed with ETHINYLOESTRADIOL * ORASECRON * OVIDON * OVRAL * OVRAL 21 * OVRAL 28 * OVRAN * OVRANETT * PRIMOVLAR * PRO-DUOSTERONE * RIGEVIDON * SEQUILAR * SEQUOSTAT * SH 71121 * SHB 261AB * SHB 264AB * STEDIRIL * STEDIRIL D * TRIQUILAR * WL 20 * WL 33 * WY-E 104

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T17	orl-wmn TDLo:308 ug/kg (28D post)	IJMRAQ 62,964,74
1T14	orl-wmn TDLo:220 ug/kg (20D pre)	CCPTAY 26,23,82
1T22	orl-wmn TDLo:3 mg/kg (52W pre)	AJOGAH 108,183,70
1T22	orl-wmn TDLo:1966 ug/kg (26W pre)	CCPTAY 10,127,74
1T22	orl-wmn TDLo:44 ug/kg (1D preg)	FESTAS 37,508,82
1T29	orl-wmn TDLo:44 ug/kg (1D pre)	FESTAS 32,297,79
1T21	orl-rat TDLo:1050 ug/kg (35D pre)	INJFA3 11,389,66
1T22	orl-rat TDLo:8750 ug/kg (35D pre)	INJFA3 11,389,66

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-wmn TDLo:18144 ug/kg/12Y-I	LANCAO 1,273,80
2V02L60	orl-wmn TD :5 mg/kg '4W-I	LANCAO 2,926,73
2V02L60	orl-wmn TD :750 ug '6W-I	MJAUAJ 2,223,78
2V01L60	orl-wmn TD :50 mg/kg/5Y-I	JAMAAP 235,730,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, CMROCX 4,309,76; TJADAB 21,225,80

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF8300100 18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, (+-)-, and 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL
UPDT:8401 MW: 608.93 MOLFM: C21-H28-O2 C20-H24-O2
SYN: ETHINYLESTRADIOL and (+-)-NORGESTREL * ETHINYLESTRADIOL mixt. with WY 3707 * (+-)-NORGESTREL and ETHINYLESTRADIOL * WY 3707 mixt. with ETHINYLESTRADIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-wmn TDLo:125 ug/kg (42D pre) INJFA3 11,401,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

18,19-DINORPREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-13-PROPYL-, (17-alpha)- (9CI) see: JF8330000

JF8330000 18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-13-PROPYL-
UPDT:8401 CAS: 1044-96-8 MW: 326.52 MOLFM: C22-H30-O2
SYN: 18,19-DINORPREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-13-PROPYL-, (17-alpha)- (9CI) * 17-HYDROXY-13-PROPYL-18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-3-ONE * R 1364 * R 1364 (STEROID) * RU 1364

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 imp-wmn TDLo:222 ug/kg (39W pre) CCPTAY 18,411,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF8340000 A,19-DINORPREGN-20-YNE-2,17-DIOL, 2-ETHYNYL-, (2-alpha,5-alpha,17-alpha)-
UPDT:8405 MW: 312.49 MOLFM: C21-H28-O2
SYN: DINORDRIN I (FREE ALCOHOL) * (2-alpha,5-alpha,17-alpha)-2-ETHYNYL-A,19-DINORPREGN-20-YNE-2,17-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T24 orl-rat TDLo:50 ug/kg (1D preg) STEDAM 33,85,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF8350000 A,19-DINORPREGN-20-YNE-2,17-DIOL, 2-ETHYNYL-, DIACETATE, (2-beta,5-alpha,17-alpha)-
UPDT:8405 MW: 396.57 MOLFM: C25-H32-O4
SYN: DINORDRIN I DIACETATE * (2-beta,5-alpha,17-alpha)-2-ETHYNYL-A,19-DINORPREGN-20-YNE-2,17-DIOL DIACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T24 orl-rat TDLo:50 ug/kg (1D preg) STEDAM 33,85,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF8360000 A,19-DINORPREGN-20-YNE-2,17-DIOL, 2-ETHYNYL-, DIPROPANOATE, (2-alpha,5-alpha,17-alpha)-
UPDT:8405 CAS: 64675-10-1 MW: 424.63 MOLFM: C27-H36-O4
SYN: DINORDRIN II * DINORDRIN II DIPROPIONATE * (2-alpha,5-alpha,17-alpha)-2-ETHYNYL-A,19-DINORPREGN-20-YNE-2,17-DIOL DIPROPIONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T24 orl-rat TDLo:2700 ug/kg (1D preg) STEDAM 33,85,79
1T13 orl-rat TDLo:300 ug/kg (3D pre) STEDAM 33,85,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JF8370000 A,19-DINORPREGN-20-YNE-2,17-DIOL, 2-ETHYNYL-, DIPROPANOATE, (2-beta,5-alpha,17-alpha)-
UPDT:8405 CAS: 64675-08-7 MW: 424.63 MOLFM: C27-H36-O4
SYN: DINORDRIN * DINORDRIN I * (2-beta,5-alpha,17-alpha)-2-ETHYNYL-A,19-DINORPREGN-20-YNE-2,17-DIOL DIPROPIONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T24 orl-rat TDLo:50 ug/kg (1D preg) STEDAM 33,85,79
1T13 orl-rat TDLo:9375 ng/kg (3D pre) STEDAM 33,85,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DINOSEB see: SJ9800000
DINOSEB-ACETATE see: AF7140000
DINOSEB, 3,3-DIMETHYLACRYL ESTER see: GQ5600000
DINOSEBE (French) see: SJ9800000
DINOSEB METHACRYLATE see: GQ5600000
DINOSOL see: WO9030000
DINOTERB see: SK0160000
DINOTERB ACETATE see: SK0175000
DINOVEX see: SL0580000
DINOXOL see: AJ8400000
DINOXOL see: AG6825000
DINTOIN see: MU1050000
DINTOINA see: MU1050000
DINTOINA see: MU1400000
DINURANIA see: GO9625000
DINYL see: DV1500000
DIOCID see: UU4850000
DIOCIDE see: UU4850000
DIOCTANOL-2-PHTHALATE see: TI1927000
DIOCTANOYL PEROXIDE see: SD8430000
DI-n-OCTANOYL PEROXIDE, technical pure (DOT) see: SD8430000
DIOCTLYN see: WN0525000
DIOCTYL ADIPATE see: AU9700000
DIOCTYLAL see: WN0525000
DIOCTYL o-BENZENEDICARBOXYLATE see: TI1925000
2,2-DIOCTYL-1,3-DIOXA-2-STANNA-7-THIADECAN-4,10-DIONE see: JH4760000
2,2-DIOCTYL-1,3,2-DIOXASTANNEPIN-4,7-DIONE see: JH4745000
DIOCTYL ESTER of SODIUM SULFOSUCCINATE see: WN0525000
DIOCTYL ESTER of SODIUM SULFOSUCCINIC ACID see: WN0525000
DIOCTYL FUMARATE see: LT0525000
DIOCTYLISOPENTYLPHOSPHINE OXIDE see: SZ0181000
DIOCTYL MALEATE see: ON0160000
DIOCTYL-MEDO FORTE see: WN0525000
2,2-DIOCTYL-1,3,2-OXATHIASTANNOLANE, 5-OXIDE see: RP4440000
DIOCTYLOXOSTANNANE see: WH7620000
DIOCTYL PHTHALATE see: TI0350000
DIOCTYL PHTHALATE see: TI1925000
DI-n-OCTYL PHTHALATE see: TI1925000
n-DIOCTYL PHTHALATE see: TI1925000
DI-sec-OCTYL PHTHALATE see: TI0350000
DIOCTYL SEBACATE see: VS1000000
DIOCTYL SODIUM SULFOSUCCINATE see: WN0525000
DIOCTYL SULFOSUCCINATE SODIUM see: WN0525000
DIOCTYL SULFOSUCCINATE SODIUM SALT see: WN0525000
DI-n-OCTYLTIN BIS(BUTYL MALEATE) see: WH6714000
DI-n-OCTYLTIN BIS(BUTYL MERCAPTOACETATE) see: XP7700000
DI-n-OCTYLTIN BIS(DODECYL MERCAPTIDE) see: XP8225000
DI-n-OCTYLTIN BIS(2-ETHYLHEXYL MALEATE) see: XP7525000
DI-n-OCTYLTIN BIS(2-ETHYLHEXYL MERCAPTOACETATE) see: RO0955000
DIOCTYLTIN BIS(ISOOCTYL MERCAPTOACETATE) see: WH6723000
DIOCTYLTIN S,S'-BIS(ISOOCTYL MERCAPTOACETATE) see: WH6723000
DI-(n-OCTYL)TIN-S,S'-BIS(ISOOCTYLMERCAPTOACETATE) see: WH6723000
DIOCTYLTIN BIS(ISOOCTYL THIOGLYCOLATE) see: WH6723000
DI-n-OCTYLTIN BIS(LAURYLTHIOGLYCOLATE) see: WH6728000
DI-n-OCTYLTIN 1,4-BUTANEDIOL-BIS-MERCAPTOACETATE see: WH7660000
DIOCTYLTIN DICHLORIDE see: WH7247000
DI-n-OCTYLTINDICHLORIDE see: WH7247000
DI-n-OCTYLTIN DIISOOCTYL THIOGLYCOLATE see: WH6723000
DIOCTYLTIN DILAURATE see: WH7562000
DI-n-OCTYLTIN DILAURATE see: WH7562000
DI-n-OCTYLTIN DIMONOBUTYLMALEATE see: WH6714000
DI-n-OCTYLTIN DI(1,2-PROPYLENEGLYCOLMALEATE) see: WH7640000
DI-n-OCTYLTIN-DITHIOGLYCOLIC ACID 2-ETHYLHEXYL ESTER see: RO0955000
DI-n-OCTYLTIN ETHYLENEGLYCOL DITHIOGLYCOLATE see: WH7570000
DI-n-OCTYLTIN-2-ETHYLHEXYL-DIMERCAPTOETHANOATE see: RO0955000
DI-n-OCTYL TIN MERCAPTIDE see: XQ2975000
DI-n-OCTYLTIN beta-MERCAPTOPROPIONATE see: RP4400000
DIOCTYLTIN OXIDE see: WH7620000
DI-n-OCTYLTIN OXIDE see: WH7620000
DI-n-OCTYLTIN SULFIDE see: WH7690000
DIOCTYLTIN-3,3'-THIODIPROPIONATE see: JH4760000
DI-n-OCTYLTIN THIOGLYCOLATE see: RP4440000
DI-n-OCTYL-ZINN AETHYLENGLYKOL-DITHIOGLYKOLAT (German) see: WH7570000
DI-n-OCTYL-ZINN-BIS(2-AETHYLHEXYLMALEINAT) (German) see: XP7525000
DI-n-OCTYL-ZINN-BIS(LAURYL-THIOGLYKOLAT) (German) see: WH6728000
DI-n-OCTYL-ZINN-1,4-BUTANDIOL-BIS-MERCAPTOACETAT (German) see: WH7660000
DI-n-OCTYL-ZINN DICHLORID (German) see: WH7247000
DI-n-OCTYL-ZINN-DI-ISOOCTYLTHIOGLYKOLAT (German) see: WH6723000
DI-n-OCTYL-ZINN DILAURAT (German) see: WH7562000
DI-n-OCTYLZINN-DIMONOBUTYLMALEINAT (German) see: WH6714000
DI-n-OCTYLZINN-DIMONOMETHYLMALEINAT (German) see: WH6730000
DI-n-OCTYL-ZINN-DI-(1,2-PROPYLENGLYKOLMALEINAT) (German) see: WH7640000
DI-n-OCTYL-ZINN beta-MERCAPTOPROPIONAT (German) see: RP4400000
DI-n-OCTYL-ZINN OXYD (German) see: WH7620000
DI-n-OCTYL-ZINN THIOGLYKOLAT (German) see: RP4440000
DIOCURB see: SI1400000
DIODON see: UR8750000
DIODONE see: UR8750000
DIODRAST see: UR8750000
DIOFORM see: KV9360000
DIOGNAT-E see: RC8925000
DIOGYN see: KG2975000
DIOGYN B see: KG4050000
DIOGYN-E see: RC8925000
DIOGYNETS see: KG2975000
DIOHIN see: QD0850000
DIOKAN see: JG8225000
DIOKSAN (Polish) see: JG8225000
DIOKSYNY (Polish) see: HP3500000
DIOLAMINE see: KL2975000
DIOLANDRONE see: BV8100000
DIOLANE see: SA0810000
DIOLENE see: FB3325000
DIOL-EPOXIDE-1 see: CX3071000
DIOL-EPOXIDE 2 see: CX3070000
anti-DIOLEPOXIDE see: DJ7956300
DIOLICE see: GN6300000
DIOLOSTENE see: BV8100000
DIOLOXAL see: TZ1225000
DIOLOXOL see: TZ1225000
DIOMEDICONE see: WN0525000
DI-ON see: YS8925000
DIONE 21-ACETATE see: VJ7000000
DIONINE see: QD0850000
DIONINE HYDROCHLORIDE see: QD0874000
DIONIN HYDROCHLORIDE see: QD0874000
DIONONE see: CB6650000
DIONOSIL see: UR8925000
DIOPAL see: YM3675000
DIOPHYLLIN see: XH5600000
DIORTHOTOLYLGUANIDINE see: MF1400000

JG5786500 DIOSCOREA ALATA Linn., rhizome extract
DEF:Indian plant belonging to the family DIOSCOREACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: KHAMALU RHIZOME EXTRACT

TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:125 mg/kg IJEBA6 12,512,74

JG5786600 DIOSCOREA BULBIFERA Linn., extract excluding roots
DEF:Indian plant belonging to the family DIOSCOREACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: RATALU, extract

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

JG5786800 DIOSCOREA DUMETORUM, alkaloids
DEF:Extracted and purified from a species of the yam family, common in the wild state in Nigeria (NATUAS 177,935,56)
UPDT:8411 MW: 223.35 MOLFM: C13-H21-N-O2

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:65 mg/kg NATUAS 177,935,56

JG5787100 DIOSCOREA OPPOSITIFOLIA Linn., extract excluding roots
DEF:Indian plant belonging to the family DIOSCOREACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

JG5787150 DIOSCOREA PENTAPHYLLA Linn., extract
DEF:Indian plant belonging to the family DIOSCOREACEAE (IJEBA6 18,594,80)
UPDT:8411

TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

JG5787200 DIOSCOREA PUBER Bl., fruit and plant extract excluding roots
DEF:Indian plant belonging to the family DIOSCOREACEAE (IJEBA6 12,512,74)
UPDT:8305

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 12,512,74

DIOSE see: MC2980000

JG5789550 DIOSPYROS DISCOLOR, leaf and stem extract
UPDT:8307

TOXICITY DATA AND REFERENCES:
1D35 ipr-mus LD50:125 mg/kg CPBTAL 13,882,65

BEST COPY

DIOSPYROS FERREA (Willd.) Bakh., extract see: OL8800000

JG5789700 DIOSPYROS LOTUS Linn., extract excluding roots
DEF: Indian plant belonging to the family EBENACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: AMLOK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:175 mg/kg IJEBA6 11,43,73

JG5789800 DIOSPYROS TOMENTOSA Roxb., extract excluding roots
DEF: Indian plant belonging to the family EBENACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: TENDU EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

DIOSPYROS VIRGINIANA see: SE1850000
1,4-DIOSSAN-2,3-DIYL BIS(O,O-DIETIL-DITIOFOSFATO) (Italian) see: TE3350000
DIOSSANO-1,4 (Italian) see: JG8225000
1,4-DIOSSIBENZENE (Italian) see: DK2625000
2,4-DIOSSI-5 DIAZOPIRIMIDINA (Italian) see: YQ9630000
DIOSSIDONE see: UQ8225000
DIOSTRIL see: UR8925000
DIOSUCCIN see: WN0525000
DIOTHANE HYDROCHLORIDE see: TZ1101000
DIOTHENE see: TQ3325000
DIOTILAN see: WN0525000
DIOVAC see: WN0525000
DIOVASCOLE see: XF8225000
DIOVOCYCLIN see: KG4725000
DIOVOCYLIN see: KG4725000
DIOXAAN-1,4 (Dutch) see: JG8225000
1,4-DIOXAAN-2,3-DIYL-BIS(O,O-DIETHYL-DITHIOFOSFAAT) (Dutch) see: TE3350000

JG6716000 1,3-DIOXA-6-AZA-2-SILACYCLOOCTANE-6-ETHANOL, 2,2-DIMETHYL-
UPDT:8306 CAS: 42959-18-2 MW: 205.37 MOLFM: C8-H19-N-O3-Si
SYN: 2,2-DIMETHYL-1,3-DIOXA-6-AZA-2-SILACYCLOOCTANE-6-ETHANOL * DIMETHYL-1,1-DIOXA-2,8-HYDROXYETHYL-5 SILA-1 AZA-5 CYCLOOCTANE (French) * SILICON TRIETHANOLAMIN * T.E.A.S. * TRIETHANOLAMINE SILICIEE (French)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3400 mg/kg THERAP 32,517,77
* ipr-rat LD50:1920 mg/kg THERAP 32,517,77
* orl-mus LD50:3900 mg/kg EJMCA5 16,425,81
* ipr-mus LD50:2230 mg/kg EJMCA5 16,425,81

JG6717000 1,4-DIOXA-8-AZASPIRO(4.5)DECANE, 2-(ALLYLOXYMETHYL)-8-(2,6-DIAMINO-4-PYRIMIDINYL)-, 1-OXIDE
UPDT:8303 MW: 337.43 MOLFM: C15-H23-N5-O4
SYN: 2-(ALLYLOXYMETHYL)-8-(2,6-DIAMINO-4-PYRIMIDINYL)-1,4-DIOXA-8-AZASPIRO(4.5)DECANE, 1-OXIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:884 mg/kg BCFAAI 121,16,82
* ipr-mus LD50:1994 mg/kg BCFAAI 121,16,82

JG6717100 1,4-DIOXA-8-AZASPIRO(4.5)DECANE, 8-(2,6-DIAMINO-4-PYRIMIDINYL)-2-METHYL-, 1'-OXIDE
UPDT:8303 MW: 281.36 MOLFM: C12-H19-N5-O3
SYN: 8-(2,6-DIAMINO-4-PYRIMIDINYL)-2-METHYL-1,4-DIOXA-8-AZASPIRO(4.5)DECANE 1'-OXIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:986 mg/kg BCFAAI 121,16,82

JG6717200 1,4-DIOXA-8-AZASPIRO(4.5)DECANE, 8-(2,6-DIAMINO-4-PYRIMIDINYL)-, 1'-OXIDE
UPDT:8303 MW: 267.33 MOLFM: C11-H17-N5-O3
SYN: 8-(2,6-DIAMINO-4-PYRIMIDINYL)-1,4-DIOXA-8-AZASPIRO(4.5)DECANE 1'-OXIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1800 mg/kg BCFAAI 121,16,82
* ipr-mus LD50:700 mg/kg BCFAAI 121,16,82

JG6719000 1,5-DIOXA-9-AZASPIRO(5.5)UNDECANE, 9-(2,6-DIAMINO-4-PYRIMIDINYL)-, 1'-OXIDE
UPDT:8303 MW: 281.36 MOLFM: C12-H19-N5-O3
SYN: 9-(2,6-DIAMINO-4-PYRIMIDINYL)-1,5-DIOXA-9-AZASPIRO(5.5)UNDECANE 1'-OXIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:420 mg/kg BCFAAI 121,16,82

JG6800000 4,17-DIOXABICYCLO(14.1.0)HEPTADEC-14-ENE-10-ACETALDEHYDE, 3-ETHYL-7-HYDROXY-2,8,12,16-TETRAMETHYL-5,13-DIOXO-9-((3,4,6-TRIDEOXY-3-(DIMETHYLAMINO)-beta-D-XYLO-HEXOPYRANOSYL)OXY)-
UPDT:8403 CAS: 35834-26-5 MW: 581.83 MOLFM: C31-H51-N-O9
SYN: ANTIBIOTIC 67-694 * ANTIBIOTIC M 4365A2 * CIRRAMYCIN A(sub 1) * 4'-DEOXYCIRRAMYCIN A(sub 1) * JUVENIMICIN A3 * M-4365A2 * ROSAMICIN * ROSARAMICIN * Sch 14947
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg BSESA3 9,1070,76
* ipr-mus LD50:350 mg/kg BSERAY 1,62,78
* scu-mus LD50:625 mg/kg BSERAY 1,62,78
* ivn-mus LD50:155 mg/kg BSERAY 1,62,78

JG6825000 6,8-DIOXABICYCLO(3.2.1)OCTANE, 1,5-DIMETHYL-
UPDT:8307 CAS: 28401-39-0 MW: 142.22 MOLFM: C8-H14-O2
SYN: 1,5-DIMETHYL-6,8-DIOXABICYCLO(3.2.1)OCTANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:14°0 mg/kg TXAPA9 28,313,74
* ihl-rat LCLo:4000 ppm/4H TXAPA9 28,313,74

2,3-DIOXABICYCLO(2.2.2)OCT-5-ENE, 1-ISOPROPYL-4-METHYL- see: OT0175000
1,3,2-DIOXABORINANE, 2,2'-((1,1,3-TRIMETHYLTRIMETHYLENE)DIOXY)BIS(4,4,6-TRIMETHYL)- see: SA1225000
DIOXACARB see: FC1925000

JG7521400 1,6-DIOXACYCLOHEPTADECAN-17-ONE
UPDT:8401 CAS: 6707-60-4 MW: 256.43 MOLFM: C15-H28-O3
SYN: CERVOLIDE * HIBISCOLIDE * 16-HYDROXY-12 OXAHEXADECANOIC ACID, omega-LACTONE * 12-OXAHEXADECANOLIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),789,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JG7521500 1,7-DIOXACYCLOHEPTADECAN-17-ONE
UPDT:8401 CAS: 3301-83-1 MW: 256.43 MOLFM: C15-H28-O3
SYN: 16-HYDROXY-11-OXAHEXADECANOIC ACID, omega-LACTONE * MUSK R 1 * 11-OXAHEXADECANOLIDE
IRRITATION DATA AND REFERENCES:
skn-gpg 100%/24H MLD FCTOD7 20(Suppl),787,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JG7524500 1,4-DIOXACYCLOHEXADECANE-5,16-DIONE
UPDT:8411 CAS: 54982-83-1 MW: 256.38 MOLFM: C14-H24-O4
TOXICITY DATA AND REFERENCES:
1F17 orl-mus LD50:4730 mg/kg GISAAA 48(10),89,83

1,4-DIOXACYCLOHEXANE see: JG8225000
1,3-DIOXACYLOPENTANE see: JH6760000
3,14-DIOXA-2,15-DITHIA-6,11-DIAZAHEXADECANE-8,9-DIOL, 2,2,15,15-TETRAOXIDE, (R*,S*)-(9CI) see: KF2305000

JG7876000 21,22-DIOXA-3,13-DITHIA-10,16-DIAZATRICYCLO(16.2.1.1(sup 5,8))DOCOSA-5,7,18,20-TETRAENE-9,17-DIONE
UPDT:8303 CAS: 67364-58-3 MW: 366.48 MOLFM: C16-H18-N2-O4-S2
MUTATION DATA AND REFERENCES:
mmo-sat 25 mmol/plate BZARAZ 32,1146,79
mmo-esc 100 mmol/plate BZARAZ 32,1146,79

JG7880000 1,3-DIOXA-7,9-DITHIA-2-STANNACYCLODODECAN-4,12-DIONE, 2,2-DIBUTYL-
UPDT:7901 CAS: 3231-93-4 MW: 455.24 MOLFM: C15-H28-O4-S2-Sn
SYN: 2,2-DIBUTYL-1,3-DIOXA-2-STANNA-7,9-DITHIACYCLODODECAN-4,12-DIONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 mg/kg CSLNX* NX#02853
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

3,6-DIOXADODECANOL-1 see: KL2625000
1-DIOXADROL HYDROCHLORIDE see: TM7640000
2,5-DIOXAHEXANE see: KI1451000

JG7894000 DIOXALIM
UPDT:8308 CAS: 79818-56-7 MW: 571.34 MOLFM: C10-H6-F14-N2-O5-S K
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:650 mg/kg GISAAA 47(6),70,82
* orl-mus LD50:440 mg/kg GISAAA 47(6),70,82

DIOXAN see: JG8225000
DIOXAN-1,4 (German) see: JG8225000
p-DIOXAN (Czech) see: JG8225000
2,3-p-DIOXANDITHIOL 5,5-BIS(O,O-DIETHYL PHOSPHORODITHIOATE) see: TE3350000
1,4-DIOXAN-2,3-DIYL-BIS(O,O-DIAETHYL-DITHIOPHOSPHAT) (German) see: TE3350000
1,4-DIOXAN-2,3-DIYL BIS(O,O-DIETHYLPHOSPHORTHIOLOTHIONATE) see: TE3350000
1,4-DIOXAN-2,3-DIYL O,O,O',O'-TETRAETHYL DI(PHOSPHOROMITHIOATE) see: TE3350000

DIOXANE see: JG8225000
DIOXANE-1,4 see: JG8225000

JG8225000 p-DIOXANE
UPDT:8412 CAS: 123-91-1 MW: 88.12 MOLFM: C4-H8-O2
SYN: DIETHYLENE DIOXIDE * 1,4-DIETHYLENE DIOXIDE * DIETHYLENE ETHER * DIETHYLENE OXIDE) * DIOXAN * DIOKSAN (Polish) * DIOSSANO-1,4 (Italian) * DIOXAAN-1,4 (Dutch) * 1,4-DIOXACYCLOHEXANE * DIOXAN * DIOXAN-1,4 (German) * p-DIOXAN (Czech) * DIOXANE * DIOXANE-1,4 * 1,4-DIOXANE * DIOXANE (DOT) * DIOXANNE (French) * p-DIOXIN * TETRAHYDRO- * DIOXYETHYLENE ETHER * GLYCOL ETHYLENE ETHER * NCI-C03689 * RCRA WASTE NUMBER U108 * TETRAHYDRO p-DIOXIN * TETRAHYDRO-1,4-DIOXIN * UN 1165 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 300 ppm/15M JIHTAB 28,262,46
skn-rbt 515 mg open MLD UCDS** 12/17/71
eye-rbt 21 mg AJOPAA 29,1363,46
eye-gpg 10 ug MOD JPPMAB 11,150,59
MUTATION DATA AND REFERENCES:
dnd-rat-ivr 300 umol/L SinJF# 26OCT82
oms-rat-ivn 50 mg/kg ARTODN 49,29,81
dns-rat-orl 20 mg/kg TXAPA9 60,287,81
oms-rat-ivn 50 mg/kg ARTODN 49,29,81
TUMORIGENIC DATA AND REFERENCES:
3V01D09L60 orl-rat TDLo:185 gm/kg/2Y-C NCITR* NCI-CG-TR-80,78
3V03P60P62 ihl-rat TCLo:111 ppm/7H/2Y-I TXAPA9 30,287,74
2V01L60 orl-mus TDLo:239 gm/kg/90W-C NCITR* NCI-CG-TR-80,78
2V03R60 skn-mus TDLo:14 gm/kg/60W-I EVHPAZ 5,163,73
3V03D09L60 orl-rat TD :416 gm/kg/57W-C BJCAAI 24,164,70
3V01D09L60 orl-rat TD :408 gm/kg/2Y-C NCITR* NCI-CG-TR-80,78
2V01L60 orl-mus TD :523 gm/kg/90W-C NCITR* NCI-CG-TR-80,78
3V01D09L60 orl-rat TD :416 gm/kg/57W-C BJCAAI 24,164,70
3V03L60M61 orl-rat TD :528 gm/kg/63W-I JNCIAM 35,949,65
TOXICITY DATA AND REFERENCES:
3F12H01K30 ihl-hmn TCLo:470 ppm AMIHAB 20,445,59
3D17D25J30 ihl-hmn TCLo:5500 ppm/1M PHRPA6 45,2023,30
ihl-hmn LCLo:470 ppm/3D PLENBW 7,22,75
orl-rat LD50:4200 mg/kg MarJV# 29MAR77
ihl-rat LC50:46 gm/m3/2H KBAMAJ 11(6),53,77
ipr-rat LD50:5600 mg/kg EJCAAH 9,237,73
orl-mus LD50:5700 mg/kg JIHTAB 21,173,39
ihl-mus LC50:65 gm/m3/2H KBAMAJ 11(6),53,77
ipr-mus LD50:790 mg/kg FEPRA7 6,342,47
orl-cat LD50:2000 mg/kg JIHTAB 21,173,39
orl-rbt LD50:2000 mg/kg JIHTAB 21,173,39
skn-rbt LD50:7600 mg/kg UCDS** 12/17/71
ivn-rbt LDLo:1500 mg/kg JOHYAY 35,540,35
orl-gpg LD50:3150 mg/kg JIHTAB 23,259,41
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BNYMAM 54,413,78; ECIET* (2),-,83
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 11,247,76
★ TLV-TWA 25 ppm; STEL 100 ppm (skin) DTLVS* 4,154,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (skin) (SCP-G) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO DIOXANE recm std-air:CL 1 ppm/30M NTIS**
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-80,78)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1602
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0682-0449 S;8EHQ-0282-0331 S;8EHQ-0380-0336 S; EHQ-1079-0320;8EHQ-0979-0326 S;8EHQ-0180-0326 S
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,4-DIOXANE see: JG8225000

JG8246200 m-DIOXANE, 2-(p-BIS(2-(CHLOROETHYL)AMINO)PHENYL)-
UPDT:8305 MW: 304.24 MOLFM: C14-H19-Cl2-N-O2
SYN: BENZALDEHYDE NITROGEN MUSTARD TRIMETHYLENE GLYCOL ACETAL * 2-(p-BIS(2-(CHLOROETHYL)AMINO)PHENYL)-m-DIOXANE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:350 mg/kg CHTPBA 1,461,66
1V30 scu-mus LD50:571 mg/kg CHTPBA 1,461,66

2,3-p-DIOXANE 5,5-BIS(O,O-DIETHYLPHOSPHOROITHIOATE) see: TE3350000

JG9100000 p-DIOXANE, 2,3-BIS(2,3-EPOXYPROPOXY)-
UPDT:8303 CAS: 10043-09-1 MW: 232.26 MOLFM: C10-H16-O6

BEST COPY AVAILABLE

SYN: 2,3-BIS(2,3-EPOXYPROPOXY)-1,4-DIOXANE * 2,3-BIS(GLYCIDYLOXY)-1,4-DIOXANE * p-DIOXANE, 2,3-BIS(GLYCIDYLOXY)-

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1070 mg/kg AIHAAP 24,305,63
1R10 skn-rbt LD50:1590 mg/kg AIHAAP 23,95,62

p-DIOXANE, 2,3-BIS(GLYCIDYLOXY)- see: JG9100000

JG9800000 p-DIOXANE, 2,3-DICHLORO-, trans-
UPDT:8401 CAS: 3883-43-0 MW: 157.00 MOLFM: C4-H6-Cl2-O2
SYN: trans-2,3-DICHLORO-1,4-DIOXANE * 1,4-DIOXANE, trans-2,3-DICHLORO-

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:4080 mg/kg/68W-I JNCIAM 53,695,74
2V02V10 scu-mus TDLo:1260 mg/kg/63W-I JNCIAM 53,695,74

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1410 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:440 mg/kg AIHAAP 30,470,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,4-DIOXANE, trans-2,3-DICHLORO- see: JG9800000

JH0350000 p-DIOXANE, DIMETHYL-
UPDT:8407 CAS: 25136-55-4 MW: 116.18 MOLFM: C6-H12-O2
SYN: DIMETHYL DIOXANE * UN 2707 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 20 mg open SEV JIHTAB 30,63,48

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 ihl-rat TCLo:500 mg/m3/24H (30D pre) TPKVAL 12,64,71
1T12 ihl-rat TCLo:500 mg/m3/24H (17W pre) TPKVAL 12,64,71

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg JIHTAB 30,63,48
ihl-rat LCLo:8000 ppm/4H JIHTAB 30,63,48

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JH0370000 m-DIOXANE, DIMETHYL-
UPDT:8312 MW: 116.18 MOLFM: C6-H12-O2
SYN: DIMETHYL-m-DIOXANE (DOT) * UN 2707 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

JH0525000 m-DIOXANE, 4,4-DIMETHYL
UPDT:8303 CAS: 766-15-4 MW: 116.18 MOLFM: C6-H12-O2
SYN: 4,4-DIMETHYL-m-DIOXANE * 4,4-DIMETHYLDIOXANE-1,3 * 4,4-DIMETHYL-1,3-DIOXANE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2114T35 ihl-rat TCLo:10 ug/m3/24H (16W pre) GISAAA 43(9),16,78

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3730 mg/kg AIHAAP 23,95,62
* ihl-rat LCLo:8000 ppm/4H AIHAAP 23,95,62
1R10 skn-rbt LD50:3540 mg/kg AIHAAP 23,95,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JH0800000 m-DIOXANE-4,6-DIONE, 2,2-DIMETHYL-
UPDT:8403 CAS: 2033-24-1 MW: 144.14 MOLFM: C6-H8-O4
SYN: 2,2-DIMETHYL-m-DIOXANE-4,6-DIONE * 2,2-DIMETHYL-1,3-DIOXANE-4,6-DIONE * 2,2-DIMETHYL-4,6-DIOXO-m-DIOXANE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#04102

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

p-DIOXANE-2,3-DITHIOL, S,S-DIESTER with O,O-DIETHYL PHOSPHORODITHIOATE see: TE3350000
p-DIOXANE-2,3-DIYL ETHYL PHOSPHORODITHIOATE see: TE3350000
DIOXANE (DOT) see: JG8225000
DIOXANNE (French) see: JG8225000
m-DIOXAN-4-OL, 2,6-DIMETHYL-, ACETATE see: AH1350000
1,3-DIOXAN-4-OL, 2,6-DIMETHYL-, ACETATE see: AH1350000

JH2287500 1,3-DIOXAN-5-OL, 2-(METHYLPHENYL)- (mixed isomers)
UPDT:8305 CAS: 73987-51-6 MW: 176.23 MOLFM: C11-H12-O2
SYN: TOLUALDEHYDE GLYCERYL ACETAL * TOLYLALDEHYDE GLYCERYL ACETAL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,887,76

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3400 mg/kg FCTXAV 14,887,76

(-)-alpha-1,3-DIOXAN-5-YL-N,N-DIMETHYL-3-PYRIDINEMETHYLAMINE HYDROCHLORIDE see: UT5495000
10-(3-(4-(m-DIOXAN-2-YL)-1-PIPERAZINYL)PROPYL)-2-(TRIFLUOROMETHYL)PHENOTHIAZINE 5-OXIDE see: SO9500000
3,6-DIOXAOCTANE-1,8-DIOL see: YE4550000
1,3,2-DIOXAPHOSPHOLANE, 2-DIETHYLAMINO- see: TB6000000
(m-((1,3,2-DIOXAPHOSPHORIN-2-YL)OXY)PHENYL)TRIMETHYLAMMONIUM IODIDE, 2-OXIDE see: BQ2680000

JH2829500 1,6-DIOXASPIRO(4.5)DECANE-7-BUTYRIC ACID, 2-(5-ETHYLTETRAHYDRO-5-(TETRAHYDRO-3-METHYL- 5-(TETRAHYDRO-6-HYDROXY-6-(HYDROXYMETHYL)-3,5-DIMETHYL-2H-PYRAN-2-YL)-2-FURYL)-2-FURYL)- 9-HYDROXY-beta-METHOXY-alpha,gamma,2,8-TETRAMETHYL-
UPDT:8403 CAS: 17090-79-8 MW: 670.98 MOLFM: C36-H62-O11
SYN: A 3823A * ELANCOBAN * MONELAN * MONENSIC ACID * MONENSIN * MONENSIN A

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:43800 ug/kg 85GDA2 5,472,81
* ipr-mus LD50:16800 ug/kg 85GDA2 5,472,81
3C08F07F19 orl-hor LD50:2 mg/kg AJVRAH 42,456,81

JH3000000 1,4-DIOXASPIRO(4.5)DECANE-2-METHANOL, CARBAMATE
UPDT:8308 CAS: 27450-15-3 MW: 215.28 MOLFM: C10-H17-N-O4
SYN: CARBAMATE of 1,4-DIOXASPIRO(4.5)DECANE-2-METHANOL

TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:739 mg/kg PHARAT 31,317,76

JH4732000 2,4-DIOXASPIRO(5.5)UNDEC-8-ENE, 3-(3-CYCLOHEXENYL)-
UPDT:8308 CAS: 1820-50-4 MW: 234.37 MOLFM: C15-H22-O2
SYN: 3-(3-CYCLOHEXENYL)-2,4-DIOXASPIRO(5.5)UNDEC-8-ENE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5190 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:10100 mg/kg TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,3-DIOXA-2-STANNA-7-THIACYCLODECAN-4,10-DIONE, 2,2-DIBUTYL- see: JH4780000

JH4745000 1,3,2-DIOXASTANNEPIN-4,7-DIONE, 2,2-DIOCTYL-
UPDT:8011 CAS: 16091-18-2 MW: 459.25 MOLFM: C20-H36-O4-Sn
SYN: 2,2-DIOCTYL-1,3,2-DIOXASTANNEPIN-4,7-DIONE * ESTABEX U 18

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4500 mg/kg ARZNAD 19,934,69
orl-mus LD50:775 mg/kg ERNFA7 11,424,66

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

4,9-DIOXATETRACYCLO(5.4.0.0(sup 3,5).0(sup 8,10))UNDECANE see: NK4900000
4,10-DIOXATETRACYCLO(5.4.0(sup 3,5).0(sup 1,7).0(sup 9,11))UNDECANE see: NK4900000

JH4748500 1,4-DIOXATETRADECANE-5,14-DIONE
UPDT:8411 CAS: 5578-82-5 MW: 228.32 MOLFM: C12-H20-O4

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4750 mg/kg GISAAA 48(10),89,83

JH4749000 15,16-DIOXA-3-THIA-10-AZATRICYCLO(10.2.1.1(5,8))HEXADECA-5,7,12,14-TETRAENE-9,11-DIONE, 10-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)-
UPDT:8303 CAS: 67364-60-7 MW: 408.40 MOLFM: C20-H12-N2-O6-S

MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/plate BZARAZ 32,1146,79
mmo-omi 200 mmol/plate BZARAZ 32,1146,79

JH4749050 15,16-DIOXA-3-THIA-10-AZATRICYCLO(10.2.1.1(sup 5,8))HEXADECA-5,7,12,14-TETRAENE-9,11-DIONE, 10-PHENYL-
UPDT:8303 CAS: 67364-59-4

MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/plate BZARAZ 32,1146,79
mmo-omi 200 mmol/plate BZARAZ 32,1146,79

JH4749850 22,23-DIOXA-9-THIA-2,16-DIAZATETRACYCLO(15.2.2.1(sup 4,7).1(sup 11,14))TRICOSA-1(21),4,6,11, 13,17,19,20-HEPTAENE-3,15-DIONE
UPDT:8304 CAS: 67364-57-2 MW: 354.40 MOLFM: C18-H14-N2-O4-S

MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/plate BZARAZ 32,1146,79

JH4749860 22,23-DIOXA-9-THIA-2,16-DIAZATETRACYCLO(15.3.1.1(sup 4,7).1(sup 11,14))TRICOSA-1(21),4,6,11, 13,17,19-HEPTAENE-3,15-DIONE
UPDT:8303 CAS: 67364-56-1 MW: 354.40 MOLFM: C18-H14-N2-O4-S

MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/plate BZARAZ 32,1146,79

JH4749900 19,20-DIOXA-3-THIA-10,14-DIAZATRICYCLO(14.2.1.1(sup 5,8))EICOSA-5,7,16,18-TETRAENE- 9,15-DIONE
UPDT:8303 CAS: 67364-53-8 MW: 320.39 MOLFM: C15-H16-N2-O4-S

MUTATION DATA AND REFERENCES:
mmo-sat 25 mmol/plate BZARAZ 32,1146,79
mmo-esc 100 mmol/plate BZARAZ 32,1146,79
mmo-omi 200 mmol/plate BZARAZ 32,1146,79

JH4749930 18,19-DIOXA-3-THIA-10,13-DIAZATRICYCLO(13.2.1.1(sup 5,8))NONADECA-5,7,15,17-TETRAENE- 9,14-DIONE
UPDT:8307 CAS: 67364-52-7 MW: 306.36 MOLFM: C16-H14-N2-O4-S

MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/plate BZARAZ 32,1146,79
mmo-omi 200 mmol/plate BZARAZ 32,1146,79

JH4749950 22,23-DIOXA-3-THIA-10,17-DIAZATRICYCLO(17.2.1.1(sup 5,8))TRICOSA-5,7,19,21-TETRAENE- 9,18-DIONE
UPDT:8303 CAS: 67364-54-9 MW: 362.48 MOLFM: C18-H22-N2-O4-S

MUTATION DATA AND REFERENCES:
mmo-sat 25 mmol/plate BZARAZ 32,1146,79
mmo-esc 100 mmol/plate BZARAZ 32,1146,79
mmo-omi 200 mmol/plate BZARAZ 32,1146,79

JH4760000 1,3-DIOXA-7-THIA-2-STANNADECAN-4,10-DIONE, 2,2-DIOCTYL-
UPDT:7901 CAS: 3594-15-8 MW: 521.39 MOLFM: C22-H42-O4-S-Sn
SYN: 2,2-DIOCTYL-1,3-DIOXA-2-STANNA-7-THIADECAN-4,10-DIONE * DIOCTYLTIN 3,3'-THIODIPROPIONATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 mg/kg CSLNX* NX#02854

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

JH4780000 1,3,7,2-DIOXATHIASTANNECANE-4,10-DIONE, 2,2-DIBUTYL-
UPDT:7901 CAS: 4981-24-2 MW: 409.15 MOLFM: C14-H26-O4-S-Sn
SYN: 2,2-DIBUTYL-1,3-DIOXA-2-STANNA-7-THIACYCLODECAN-4,10-DIONE * DIBUTYLTIN 3,3'-THIODIPROPIONATE * 1,3-DIOXA-2-STANNA-7-THIACYCLODECAN-4,10-DIONE, 2,2-DIBUTYL- * STANNANE, DIBUTYLDIHYDROXY-, 3,3'-THIODIPROPIONATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#02851

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

JH4800000 1,3,2-DIOXATHIOLANE, 2,2-DIOXIDE
UPDT:8401 CAS: 1072-53-3 MW: 124.12 MOLFM: C2-H4-O4-S
SYN: ETHYLENE GLYCOL CYCLIC SULFATE * ETHYLENE SULFATE * GLYCOL SULFATE * SULFURIC ACID, CYCLIC ETHYLENE ESTER

MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CBINAB 19,241,77
hma-mus/sat 5 mmol/kg CBINAB 19,241,77

TUMORIGENIC DATA AND REFERENCES:
2V03V10 ipr-mus TDLo:128 mg/kg/64W-I JNCIAM 53,695,74
2V02V10 scu-mus TDLo:840 mg/kg/42W-I JNCIAM 53,695,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3,2-DIOXATHIOLANE, 2-OXIDE (9CI) see: KW3900000
DIOXATHION see: TE3350000
DIOXATION see: TE3350000

JH4920000 5H,12-3,4-DIOXA-5a,11a,15a-TRIAZACYCLOOCT(lm)INDENO(5,6-b)FLUORENE-11,15(2H,13H)-DIONE, 10, 10a-DIHYDROXY-7-METHOXY-2,2-DIMETHYL-5-(2-METHYL-1-PROPENYL)-, (5R-(5-alpha,10-alpha,10a- alpha,14a-alpha-15b-alpha)-
UPDT:8305 CAS: 12771-72-1 MW: 511.63 MOLFM: C27-H33-N3-O7

BEST COPY AVAILABLE

SYN: TRI * VERRUCULOGEN * VERRUCULOGEN TR 1
TOXICITY DATA AND REFERENCES:
° unk-mus LD50:2400 ug/kg 41KEAL -,108,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

JH5029900 3,8-DIOXATRICYCLO(5.1.0.0(sup 2,4))OCTANE, (E)-
UPDT.8311 MW: 112.16 MOLFM: C6-H8-O2
SYN: from 1,2,3,4-DIEPOXYCYCLOHEXANE
MUTATION DATA AND REFERENCES:
mmo-smc 32 mmol/L MUREAV 117,213,83
mma-smc 8 mmol/L MUREAV 117,213,83
mrc-smc 8 mmol/L MUREAV 117,213,83

DIOXATRINE see: MA4030000
3,5-DIOXE-4 BUTY-1, DIPHENYL-PYRAZOLIDINE see: UQ8225000
1,4-DI-N-OXIDE 2,3-BIS(OXYMETHYL)QUINOXLINE see: VD1900000
1,4-DI-N-OXIDE of DIHYDROXYMETHYLQUINOXALINE see: VD1900000
1,1-DIOXIDETETRAHYDROTHIOFURAN see: XN0700000
1,1-DIOXIDETETRAHYDROTHIOPHENE see: XN0700000
DIOXIDE of VITAVAX see: RP4900000
DIOXIDIN see: VD1900000
DIOXIDINE see: VD1900000
DIOXIME p-BENZOQUINONE see: DK4900000
DIOXIME 1,4-CYCLOHEXADIENEDIONE see: DK4900000
DIOXIME 2,5-CYCLOHEXADIENE-1,4-DIONE see: DK4900000
DIOXIN (BACTERICIDE) (OBS.) see: AH1350000
DIOXINE see: HP3500000
DIOXIN (HERBICIDE CONTAMINANT) see: HP3500000
p-DIOXIN, TETRAHYDRO- see: JG8225000
DIOXITOL see: KK8750000
9,10-DIOXOANTHRACENE see: CB4725000
p-DIOXOBENZENE see: MX3500000
1,3-DIOXO-1H-BENZ(de)ISOQUINOLINE-2(3H)-ACETIC ACID see: DE4080500
alpha,gamma-DIOXO(1,1'-BIPHENYL)-4-BUTANOIC ACID see: DV1760500
7,8-DIOXO-CHLORPROMAZINE see: SO9350000
3,12-DIOXO-5-beta-CHOLAN-24-OIC ACID see: FZ2256000
3,6-DIOXO-5-beta-CHOLAN-24-OIC ACID SODIUM SALT see: FZ2258000
1,1',1''-(3,6-DIOXO-1,4-CYCLOHEXADIENE-1,2,4-TRIYL)TRISAZIMIDINE see: DK7175000
DIOXODICHLOROCHROMIUM see: GB5775000
DIOXO-9,9-(DIMETHYLAMINO-3-METHYL-2-PROPYL)-10-PHENOTHIAZINE (French) see: SO5775000
3,5-DIOXO-1,2-DIPHENYL-4-n-BUTYLPYRAZOLIDENE see: UQ8225000
3,5-DIOXO-1,2-DIPHENYL-4-n-BUTYL-PYRAZOLIDIN see: UQ8225000
3,5-DIOXO-1,2-DIPHENYL-4-n-BUTYLPYRAZOLIDINE see: UQ8225000
3,5-DIOXO-1,2-DIPHENYL-4-n-BUTYLPYRAZOLIDIN SODIUM see: UQ8300000
DI-OXO-DI-n-PROPYLNITROSAMINE see: JL9678000
2,2'-DIOXO-DI-n-PROPYLNITROSAMINE see: JL9678000
2,6-DIOXO-5-ETHYL-5-PHENYL-3-PIPERIDYL ESTER of THIOCYANIC ACID see: XK9485000
2,4-DIOXO-5-FLUORO-N-HEXYL-3,4-DIHYDRO-1(2H)-PYRIMIDINECARBOXAMIDME see: UV7714000
2,4-DIOXO-5-FLUORO-N-HEXYL-1,2,3,4-TETRAHYDRO-1-PYRIMIDINECARBOXAMIDE see: UV7714800
3,19-DIOXO-14-HYDROXYCARDA-4,20(22)-DIENOLIDE see: FH4464000
7,12-DIOXO-3-HYDROXYCHOLAN-24-OIC ACID SODIUM SALT see: FZ2257020
3,12-DIOXO-7-HYDROXYCHOLAN-24-OIC ACID SODIUM SALT see: FZ2257010
3,7-DIOXO-12-HYDROXYCHOLAN-24-OIC ACID SODIUM SALT see: FZ2257000
2,3-DIOXOINDOLINE see: NL7873000
2,3-DIOXO-1-INDOLINEACETAMIDE see: NM1890300
2,3-DIOXO-1-INDOLINEACETIC ACID see: NM1891800
2,3-DIOXO-1-INDOLINEACETIC ACID ETHYL ESTER see: NM1891840
DIOXOLAN see: JI0400000
O-(1,2-DIOXO-1H-ISOINDOL-2-YL) O-ETHYL O-(1-METHYLETHYL) PHOSPHOROTHIOATE see: TI5250000
2-(1,3-DIOXO-2-ISOINDOLYL)GLUTARAMIC ACID see: MA2860000
3,6-DIOXO-5-ISOPROPYL-2-PIPERAZINEACETIC ACID see: TK7886700
1,2-DIOXOLAN see: JH6760000

JH6760000 1,3-DIOXOLANE
UPDT.8408 CAS: 646-06-0 MW: 74.09 MOLFM: C3-H6-O2
SYN: 1,3-DIOXOLAN * 1,3-DIOXACYCLOPENTANE * ETHYLENE GLYCOL FORMAL * FORMAL GLYCOL * GLYCOL FORMAL
IRRITATION DATA AND REFERENCES:
skn-rbt 530 mg open MLD UCDS** 12/17/71
eye-rbt 750 ug open SEV JIHTAB 31,60,49
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:3000 mg/kg JIHTAB 31,60,49
ihl-rat LCLo:32000 ppm/4H UCDS** 12/17/71
ipr-rat LDLo:500 mg/kg JPPMAB 11,150,59
° orl-mus LD50:3200 mg/kg BSGMAT -,70,82
° ihl-mus LC50:104 ug/m3 GTPZAB 19(8),45,75
skn-rbt LD50:8480 mg/kg UCDS** 12/17/71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JH6768000 1,3-DIOXOLANE, 2-BENZYL-
UPDT.8305 CAS: 101-49-5 MW: 164.22 MOLFM: C10-H12-O2
SYN: 2-BENZYLDIOXOLAN * PHENYLACETALDEHYDE ETHYLENEGLYCOL ACETAL
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:2200 mg/kg FCTXAV 14,827,76
° skn-rbt LD50:2600 mg/kg FCTXAV 14,827,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,3-DIOXOLANE, 2-BENZYL-4-HYDROXYMETHYL- see: JH8400000
4'-((2,4-DIOXO-5-THIAZOLIDINYL)METHYL)-2'-METHOXYACETANLIDE see: AE2490000

JH6960000 1,3-DIOXALANE, 4-CHLOROMETHIYL-2-METHYL-2-PENTYL-
UPDT.8405 CAS: 36236-73-4 MW: 206.74 MOLFM: C10-H19-Cl-O2
SYN: AY-22,352 * 4-(CHLOROMETHYL)-2-METHYL-2-PENTYL-1,3-DIOXOLANE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T23 orl-rat TDLo:50 mg/kg (200 male) JRPFA4 30,117,72
1T23 ipr-rat TDLo:25200 ug/kg (3D male) BIREBV 14,202,76
1T23 ipr-mus TDLo:30300 ug/kg (3D male) BIREBV 14,202,76
1T23 scu-ham TDLo:111 mg/kg (3D male) JRPFA4 43,281,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JH7020000 1,3-DIOXOLANE, 2-(p-CHLOROPHENYL)-2,4-DIMETHYL-
UPDT.8308 CAS: 59902-28-2 MW: 212.69 MOLFM: C11-H13-Cl-O2
SYN: 2-(p-CHLOROPHENYL)-2,4-DIMETHYL-1,3-DIOXOLANE
TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:820 mg/kg PHARAT 31,317,76

JH7175000 1,3-DIOXOLANE, 4,5-DIALLYLOXY-2-(DIALLYLOXYMETHYL)-
UPDT.8307 CAS: 37160-66-0 MW: 312.40 MOLFM: C16-H24-O6
SYN: 2-DIALLYLOXYMETHYL-4,5-DIALLOXY-1,3-DIOXOLANE
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:1870 mg/kg TXAPA9 28,313,74

JH7400000 1,3-DIOXOLANE, 4,5-DICHLORO-2-OXO-
UPDT.8401 CAS: 3967-55-3 MW: 156.95 MOLFM: C3-H2-Cl2-O3
SYN: 1,2-DICHLOROETHYLENE CARBONATE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:648 mg/kg/54W-I JNCIAM 48,1431,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JH7440000 1,3-DIOXOLANE, 4-(1-DIETHYLAMINOACETYL-2-PIPERIDYL)-2,2-DIPHENYL-, HYDROCHLORIDE, alpha-
UPDT.8412 MW: 459.08 MOLFM: C26-H34-N2-O3 Cl-H
SYN: alpha-4-(1-DIETHYLAMINOACETYL-2-PIPERIDYL)-2,2 DIPHENYL-1,3 DIOXOLANE HYDROCHLORIDE * PIPERIDINE, 1-(N,N-DIETHYLGLYCYL)-2-(2,2 DIPHENYL 1,3-DIOXOLAN-4-YL)-, HYDROCHLORIDE, alpha-
TOXICITY DATA AND REFERENCES:
orl-mus LD50:300 mg/kg JMCMAR 9,127,66

JH7460000 1,3-DIOXOLANE, 4-(1-DIETHYLAMINOACETYL-2-PIPERIDYL)-2,2-DIPHENYL-, HYDROCHLORIDE, beta-
UPDT.8412 MW: 459.08 MOLFM: C26-H34-N2-O3 Cl-H
SYN: beta-4-(1-DIETHYLAMINOACETYL-2-PIPERIDYL)-2,2-DIPHENYL-1,3-DIOXOLANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:150 mg/kg JMCMAR 9,127,66
ivn-mus LD50:12 mg/kg JMCMAR 9,127,66

JH7494000 1,3-DIOXOLANE, 2-(2,6-DIMETHYL-1,5-HEPTADIENYL)-
UPDT.8403 CAS: 66408-78-4 MW: 196.32 MOLFM: C12-H20-O2
SYN: CITRACETAL * CITRAL ETHYLENE GLYCOL ACETAL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,749,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JH7528000 1,2-DIOXOLANE, 3,3'-DIOXYBIS(3,5,5-TRIMETHYL-
UPDT.8313 CAS: 4507-98-6 MW: 262.34 MOLFM: C12-H22-O6
SYN: BIS(3,5,5-TRIMETHYL-1,2-DIOXOLANYL)PEROXIDE, as a paste with at least 50% phlegmatizer (DOT) * 3,3'-DIOXYBIS(3,5,5-TRIMETHYL-1,2-DIOXOLANE) * UN 2597 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49:172.102,83

JH7580000 1,3-DIOXOLANE, 2,2-DIPHENYL-4-(1-METHYL-2-PIPERIDYL)-, METHIODIDE, alpha-
UPDT.8412 MW: 463.41 MOLFM: C21-H25-N-O2 C-H3-I
SYN: alpha-2,2-DIPHENYL-4-(1-METHYL-2-PIPERIDYL)-1,3-DIOXOLANE METHYLIODIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:800 mg/kg JMCMAR 9,127,66
ipr-mus LD50:75 mg/kg JMCMAR 9,127,66

JH7590000 1,3-DIOXOLANE, 2,2-DIPHENYL-4-(1-METHYL-2-PIPERIDYL)-, METHIODIDE, beta-
UPDT.8412 MW: 465.41 MOLFM: C21-H25-N-O2 C-H3-I
SYN: beta-2,2-DIPHENYL-4-(1-METHYL-2-PIPERIDYL)-1,3-DIOXOLANE METHYLIODIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:600 mg/kg JMCMAR 9,127,66

JH7595000 1,3-DIOXOLANE, 2,2-DIPHENYL-4-(1-METHYL-2-PIPERIDYL)-, N-OXIDE, HYDROCHLORIDE, alpha-
UPDT.8412 MW: 375.93 MOLFM: C21-H25-N-O3 Cl-H
SYN: alpha-2,2-DIPHENYL-4-(1-METHYL-2-PIPERIDYL)-1,3-DIOXOLANE N-OXIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:600 mg/kg JMCMAR 9,127,66

JH7605000 1,3-DIOXOLANE, 2,2-DIPHENYL-4-(1-METHYL-2-PIPERIDYL)-, N-OXIDE, HYDROCHLORIDE, beta-
UPDT.8412 MW: 375.93 MOLFM: C21-H25-N-O3 Cl-H
SYN: beta-2,2-DIPHENYL-4-(1-METHYL-2-PIPERIDYL)-1,3-DIOXOLANE N-OXIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:800 mg/kg JMCMAR 9,127,66

JH7640000 1,3-DIOXOLANE, 2,2-DIPHENYL-4-(2-PIPERIDYL)-, HYDROCHLORIDE, beta-
UPDT.8412 MW: 345.90 MOLFM: C20-H23-N-O2 Cl-H
SYN: beta-2,2-DIPHENYL-4-(2-PIPERIDYL)-1,3-DIOXOLANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:600 mg/kg JMCMAR 9,127,66

JH7670000 1,3-DIOXOLANE, 2,2-DIPHENYL-4-(1-PROPYL-2-PIPERIDYL)-, HYDROCHLORIDE, alpha-
UPDT.8412 MW: 387.99 MOLFM: C23-H29-N-O2 Cl-H
SYN: alpha-2,2-DIPHENYL-4-(1-PROPYL 2-PIPERIDYL)-1,3-DIOXOLANE HYDROCHLORIDE * PIPERIDINE, 2-(2,2-DIPHENYL-1,3-DIOXOLAN-4-YL)-1-PROPYL-, alpha-
TOXICITY DATA AND REFERENCES:
orl-mus LD50:400 mg/kg JMCMAR 9,127,66

JH7680000 1,3-DIOXOLANE, 2,2-DIPHENYL-4-(1-PROPYL-2-PIPERIDYL)-, HYDROCHLORIDE, beta-
UPDT.8412 MW: 387.99 MOLFM: C23-H29-N-O2 Cl-H
SYN: beta-2,2-DIPHENYL-4-(1-PROPYL-2-PIPERIDYL)-1,3-DIOXOLANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:600 mg/kg JMCMAR 9,127,66

DIOXOLANE (DOT) see: JI0400000

JH7740000 1,3-DIOXOLANE, 2-(FLUOREN-9-YLIDENE)-4-(2-PIPERIDYL)-, HYDROCHLORIDE, alpha-
UPDT.8412 MW: 353.89 MOLFM: C21-H21-N-O2 Cl-H
SYN: alpha-2-(FLUOREN-9-YLIDENE)-4-(2-PIPERIDYL)-1,3-DIOXOLANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:300 mg/kg JMCMAR 9,127,66

JH7760000 1,3-DIOXOLANE, 2-(FLUOREN-9-YLIDENE)-4-(2-PIPERIDYL)-, HYDROCHLORIDE, beta-
UPDT.8412 MW: 353.89 MOLFM: C21-H21-N-O2 Cl-H
SYN: beta-2-(FLUOREN-9-YLIDENE)-4-(2-PIPERIDYL)-1,3-DIOXOLANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:300 mg/kg JMCMAR 9,127,66

JH8100000 1,3-DIOXOLANE, 2-(p-ISOPROPYL-alpha-METHYLPHENETHYL)-
UPDT.8305 MW: 234.37 MOLFM: C15-H22-O2
SYN: CYCLAMEN ALDEHYDE ETHYLENE GLYCOL ACETAL * 2-(p-ISOPROPYL-alpha-METHYLPHENETHYL)-1,3-DIOXOLANE * alpha-METHYL-para-ISOPROPYLHYDROCINNAMIC ALDEHYDE ETHYLENE GLYCOL ACETAL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),661,82

JH8200000 1,3-DIOXOLANE, 2-(p-ISOPROPYL-alpha-METHYLPHENETHYL)-4-METHYL-
UPDT.8305 CAS: 73987-12-9 MW: 248.40 MOLFM: C16-H24-O2
SYN: CYCLAMEN ALDEHYDE PROPYLENEGLYCOL ACETAL * alpha-METHYL-p-ISOPROPYLHYDROCINNAMIC ALDEHYDE PROPYLENEGLYCOL ACETAL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,733,76

1,3-DIOXOLANE-4-METHANAMINIUM, 2,2'-(1,2-ETHANEDIYL)BIS(N,N,N-TRIMETHYL-, DIIODIDE (9CI) see: BQ4313500
1,3-DIOXOLANE-4-METHANAMINIUM, 2,2'-(1,2-ETHENEDIYL)BIS(N,N,N-TRIMETHYL-, DIIODIDE (9CI) see: BT5220000

JH8390000 1,3-DIOXOLANE-4-METHANOL
UPDT.8408 CAS: 5464-28-8 MW: 104.12 MOLFM: C4-H8-O3
SYN: GF * GLYCERINFORMAL * GLYCEROL FORMAL * SERICOSOL-N
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T34746 orl-rat TDLo:6 gm/kg (6-15D preg) TXAPA9 56,93,80

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

1T47 orl-rat TDLo:6 gm/kg (6-15D preg) TXAPA9 56,93,80
3T25T34746 scu-rat TDLo:6 gm/kg (6-15D preg) TXAPA9 56,93,80
1T47 scu-rat TDLo:5 gm/kg (6-15D preg) ACATAS 106,203,80
3T25T34746 ims-rat TDLo:3 gm/kg (6-15D preg) TXAPA9 56,93,80
1T47 ims-rat TDLo:6 gm/kg (6-15D preg) TXAPA9 56,93,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JH8400000 1,3-DIOXOLANE-4-METHANOL, 2-BENZYL-
UPDT:8305 CAS: 5694-72-6 MW: 194.25 MOLFM: C11-H14-O3
SYN: 2-BENZYL-4-HYDROXYMETHYL-1,3-DIOXANE * 2-BENZYL-4-HYDROXYMETHYL-1,3-DIOXOLANE * 2-BENZYL-4-METHANOL-1,3-DIOXANE * 1,3-DIOXOLANE, 2-BENZYL-4-HYDROXYMETHYL- * PHENYLACETALDEHYDE GLYCERYL ACETAL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,829,76

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1720 mg/kg FCTXAV 14,829,76
1C08 ipr-mus LD50:523 mg/kg AIPTAK 85,474,51

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JH8500000 1,3-DIOXOLANE-4-METHANOL, 2-(p-BROMOPHENYL)-2-METHYL-, CARBAMATE
UPDT:8308 CAS: 35858-26-5 MW: 316.18 MOLFM: C12-H14-Br-N-O4
SYN: 2-(p-BROMOPHENYL)-2-METHYL-1,3-DIOXOLANE-4-METHANOL CARBAMATE

TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:920 mg/kg PHARAT 31,317,76

JH9420000 1,3-DIOXOLANE-4-METHANOL, 2-(p-CHLOROPHENYL)-2-METHYL-, CARBAMATE
UPDT:8308 CAS: 35858-25-4 MW: 271.72 MOLFM: C12-H14-Cl-N-O4
SYN: 2-(p-CHLOROPHENYL)-2-METHYL-1,3-DIOXOLANE-4-METHANOL CARBAMATE

TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:600 mg/kg PHARAT 31,317,76

JH9430000 1,3-DIOXOLANE-4-METHANOL, α -CUMENYL-2-METHYL-
UPDT:8308 CAS: 59902-27-1 MW: 236.34 MOLFM: C14-H20-O3
SYN: 2-p-CUMENYL-2-METHYL-1,3-DIOXOLANE-4-METHANOL * 2-(p-ISOPROPYLPHENYL)-2-METHYL-1,3-DIOXOLANE-4-METHANOL

TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:508 mg/kg PHAPAT 31,317,76

JH9431000 1,3-DIOXOLANE-4-METHANOL, 2-p-CUMENYL-2-METHYL-, CARBAMATE, trans-
UPDT:8308 CAS: 34868-49-0 MW: 279.37 MOLFM: C15-H21-N-O4
SYN: trans-2-p-CUMENYL-2-METHYL-1,3-DIOXOLANE-4-METHANOL CARBAMATE * trans-2-METHYL-2-(p-ISOPROPYLPHENYL)-4-CARBAMOYLOXYMETHYL-1,3-DIOXOLANE

TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:1570 mg/kg PHARAT 31,317,76

JI0400000 1,3-DIOXOLANE-4-METHANOL, 2,2-DIMETHYL-
UPDT:8312 CAS: 100-79-8 MW: 132.16 MOLFM: C6-H12-O3
SYN: ACETONE, CYCLIC (HYDROXYMETHYLETHYLENE ACETAL * 2,2-DIMETHYL-1,3-DIOXOLANE-4-METHANOL * 2,2-DIMETHYL-5-HYDROXYMETHYL-1,3-DIOXOLANE * 2,2-DIMETHYL-4-OXYMETHYL-1,3-DIOXOLANE * DIOXOLAN * DIOXOLANE (DOT) * GIE * GLYCEROLACETONE * GLYCEROL DIMETHYLKETAL * GLYCEROL 1,2-O-ISOPROPYLIDENE * 4-HYDROXYMETHYL-2,2-DIMETHYL-1,3-DIOXOLANE * ISOPROPYLIDENE GLYCEROL * SOLKETAL * UN 1166 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg TXAPA9 39,129,77

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JI1250000 DIOXOLANE-4-METHANOL, 2-(IODOMETHYL)-
UPDT:8407 CAS: 61869-07-6 MW: 244.04 MOLFM: C5-H9-I-O3
SYN: DOMIODOL * 2-(IODOMETHYL)-DIOXOLANE-4-METHANOL * 2-IODOMETHYL-4-HYDROXYMETHYL-1,3-DIOXOLANE * 2-IODMETHYL-4-HYDROXYMETHYL-1,3-DIOXOLAN (German) * MG 13608

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:140 mg/kg ARZNAD 33,1091,83
* ipr-mus LD50:79 mg/kg ARZNAD 33,1091,83

JI1260000 DIOXOLANE-4-METHANOL, 2-(IODOMETHYL)-, (E)-
UPDT:8407 MW: 244.04 MOLFM: C5-H9-I-O3
SYN: trans-DOMIODOL * trans-2-(IODOMETHYL)-DIOXOLANE-4-METHANOL * trans-2-IODOMETHYL-4-HYDROXYMETHYL-1,3-DIOXOLANE * trans-2-JODMETHYL-4-HYDROXYMETHYL-1,3-DIOXOLAN (German) * trans-MG 13608

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg ARZNAD 33,1091,83

JI1270000 1,3-DIOXOLANE-4-METHANOL, 2-(IODOMETHYL)-, (Z)-
UPDT:8407 MW: 244.04 MOLFM: C5-H9-I-O3
SYN: cis-DOMIODOL * cis-2-(IODOMETHYL)-1,3-DIOXOLANE-4-METHANOL * cis-2-IODOMETHYL-4-HYDROXYMETHYL-1,3-DIOXOLANE * cis-2-JODMETHYL-4-HYDROXYMETHYL-1,3-DIOXOLAN (German) * cis-MG 13608

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:135 mg/kg ARZNAD 33,1091,83

JI1300000 1,3-DIOXOLANE-4-METHANOL, 2-(IODOMETHYL)-, (E,Z)-
UPDT:8405 CAS: 61869-07-6 MW: 244.04 MOLFM: C5-H9-I-O3
SYN: cis,trans-4-HYDROXYMETHYL-2-IODOMETHYL-1,3-DIOXOLANE * cis,trans-4-IDROSSIMETIL-2-IODOMETIL-1,3-DIOSSOLANO (Italian) * (E,Z)-2-(IODOMETHYL)-1,3-DIOXOLANE-4-METHANOL * 2-IODOMETIL-4-IDROSSIMETIL-1,3-DIOSSOLANO (Italian) * MG 13608

TOXICITY DATA AND REFERENCES:
3F25J20J25 orl-rat LD50:410 mg/kg FRPPAO 34,393,79
3F25J20J25 orl-mus LD50:134 mg/kg FRPPAO 34,393,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JI1800000 1,3-DIOXOLANE-4-METHANOL, 2-(1-IODOETHYL)- mixed with 2-(2-IODOETHYL) 1,3-DIOXOLANE-4- METHANOL (2:1)
UPDT:8412 CAS: 5634-39-9 MW: 758.07 MOLFM: C6-H11-I-O3
SYN: IODINATED GLYCEROL * IODOPROPYLIDENE GLYCEROL * NCI-C55469 * ORGANIDIN

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

JI2700000 1,3-DIOXOLANE-4-METHANOL, 2-METHYL-2-PHENYL-, CARBAMATE
UPDT:8308 CAS: 35822-51-6 MW: 237.26 MOLFM: C12-H15-N-O4
SYN: 2-METHYL-2-PHENYL-4-CARBAMOYLOXYMETHYL-1,3-DICXOLAN (German) * 2-METHYL-2-PHENYL-1,3-DIOXOLANE-4-METHANOL CARBAMATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1383 mg/kg PHARAT 31,317,76
3C08F18J25 ipr-mus LD50:920 mg/kg PHARAT 31,317,76

JI3325000 1,3-DIOXOLANE-4-METHANOL, 2-PHENYL-
UPDT:8305 CAS: 1708-39-0 MW: 180.22 MOLFM: C10-H12-O3
SYN: BENZAL GLYCERYL ACETAL * BENZYLIDENE GLYCEROL * 2-PHENYL-m-DIOXAN-5-OL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3150 mg/kg FCTXAV 14,699,76
1C08 ipr-mus LD50:1296 mg/kg AIPTAK 85,474,51
* skn-rbt LD50:5000 mg/kg FCTXAV 14,699,76

JI3380000 1,3-DIOXOLANE-4-METHANOL, 2-TRICHLOROMETHYL-, alpha-
UPDT:8412 MW: 221.47 MOLFM: C5-H7-Cl3-O3
SYN: alpha-TRICHLOROETHYLIDENE GLYCEROL * alpha-2-(TRICHLOROMETHYL)-1,3-DIOXOLANE-4-METHANOL

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:920 mg/kg JPETAB 81,72,44
ivn-mus LD50:520 mg/kg JPETAB 81,72,44

JI3440000 1,3-DIOXOLANE-4-METHANOL, 2-(TRICHLOROMETHYL)-, beta-
UPDT:8412 MW: 221.47 MOLFM: C5-H7-Cl3-O3
SYN: beta-TRICHLOROETHYLIDENE GLYCEROL * beta-2-(TRICHLOROMETHYL)-1,3-DIOXOLANE-4-METHANOL

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:759 mg/kg JPETAB 81,72,44
ivn-mus LD50:518 mg/kg JPETAB 81,72,44

JI3500000 DIOXOLANE, METHYL-
UPDT:8307 CAS: 4331-09-5 MW: 102.13 MOLFM: C5-H10-O2
SYN: METHYL DIOXOLANE

IRRITATION DATA AND REFERENCES:
eye-rbt 5 mg SEV AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg JIHTAB 31,60,49

JI3509000 1,3-DIOXOLANE, 2-METHYL-
UPDT:8402 CAS: 497-26-7 MW: 88.12 MOLFM: C4-H8-O2
SYN: METHYLDIOXOLANE * 2-METHYL-1,3-DIOXOLANE

TOXICITY DATA AND REFERENCES:
2F13F25 orl-rat LD50:2900 mg/kg GISAAA 47(8),89,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JI3550000 1,3-DIOXOLANE-4-METHYLAMINE, 2,2'-ETHYLENEBIS(N,N-DIMETHYL-
UPDT:8303 CAS: 17938-95-3 MW: 288.44 MOLFM: C14-H28-N2-O4
SYN: 1,2-BIS(4'-DIMETHYLAMINO-1',3'-DIOXOLANYL-2')ETHANE * 2,2'-ETHYLENEBIS(N,N-DIMETHYL-1,3-DIOXOLANE-4-METHYLAMINE)

TOXICITY DATA AND REFERENCES:
1E15 unk-mus LD50:5100 ug/kg PCJOAU 2,117,68

JI4285000 1,3-DIOXOLANE, 2,2'-(TELLURODI-2,1-PHENYLENE)BIS-
UPDT:8406 CAS: 77446-39-0 MW: 425.96 MOLFM: C18-H18-O4-Te
SYN: BIS(o-(1,3-DIOXOLAN-2-YL)PHENYL)TELLURIUM * TELLURIUM, BIS(o-(1,3-DIOXOLAN-2-YL)PHENYL)

TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82
2-(1,3-DIOXOLANE-2-YL)PHENYL N-METHYLCARBAMATE see: FC1925000
1,3-DIOXOLAN-2-ONE see: FF9550000

JI4580000 1,3-DIOXOLAN-4-ONE, 5,5-DIPHENYL-2-(2-(1-PIPERIDINYL)ETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 18174-58-8 MW: 387.94 MOLFM: C22-H25-N-O3 . Cl-H
SYN: 5,5-DIPHENYL-2-(2-(1-PIPERIDINYL)ETHYL)-1,3-DIOXOLAN-4-ONE HYDROCHLORIDE * 2-(beta-N-PIPERIDYLETHYL)-4,4-DIPHENYL-1,3-DIOXOLAN-5-ONE HYDROCHLORIDE * FIPOXOLAN HYDROCHLORIDE * RC-WAPRAXIN

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1500 mg/kg MEIEDD 10,1079,83
* orl-mus LD50:700 mg/kg MEIEDD 10,1079,83
7-(1,3-DIOXOLAN-2-YLMETHYL)THEOPHYLLINE see: XM5135000
2-(1,3-DIOXOLAN-2-YL)PHENYL-N-METHYLCARBAMAT (German) see: FC1925000
o-(1,3-DIOXOLAN-2-YL)PHENYL METHYLCARBAMATE see: FC1925000

JI4634180 6H-(1,3)DIOXOLO(5,6)BENZOFURO(3,2-c)(1)BENZOPYRAN, 6a-alpha,12a-alpha-DIHYDRO-3-((beta-D- GLUCOPYRANOSYL)OXY)-
UPDT:8308 MW: 446.44 MOLFM: C22-H22-O10
SYN: D-MAACKIAFIN-GLYCOSIDE * SOPHORAJAPONICUM

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg BSGDA2 8(1),304,82

JI4640000 (1,3)DIOXOLO(4,5-g)CINNOLINE-3-CARBOXYLIC ACID, 1,4-DIHYDRO-1-ETHYL-4-OXO-
UPDT:8403 CAS: 28657-80-9 MW: 262.24 MOLFM: C12-H10-N2-O5
SYN: CINOBAC * CINOXACIN * CINX * COMPOUND 64716 * 1-ETHYL-1,4-DIHYDRO-4-OXO(1,3)DIOXOLO(4,5-g)CINNOLINE-3-CARBOXYLIC ACID * 1-ETHYL-6,7-METHYLENEDIOXY-4-(1H)-OXOCINNOLINE-3-CARBOXYLIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T07 orl-rat TDLo:3150 mg/kg (63D male) NKRZAZ 28,484,80
2T24T29 orl-rat TDLo:1050 mg/kg (14D pre/1-7D preg) NKRZAZ 28,484,80
2T31T34 orl-rat TDLo:1100 mg/kg (7-17D preg) NKRZAZ 28,484,80
1T46 orl-rat TDLo:550 mg/kg (7-17D preg) NKRZAZ 28,484,80

TOXICITY DATA AND REFERENCES:
3F17F18J25 orl-rat LD50:4160 mg/kg NKRZAZ 28(Suppl 4),406,80
* scu-rat LD50:1380 mg/kg IYKEDH 14,297,83
* ivn-rat LD50:860 mg/kg IYKEDH 14,297,83
* orl-mus LD50:2330 mg/kg IYKEDH 14,297,83
* scu-mus LD50:900 mg/kg IYKEDH 14,297,83
* ivn-mus LD50:850 mg/kg IYKEDH 14,297,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JH4660000 5H-1,3-DIOXOLO(4,5-f)INDOLE, 7-(2-(4-(2-METHOXYPHENYL)-1-PIPERAZINYL)ETHYL)-, TARTRATE
UPDT:8406 CAS: 5591-43-5 MW: 529.60 MOLFM: C22-H25-N3-O3 . C4-H6-O6
SYN: 7-(2-(4-(2-METHOXYPHENYL)-1-PIPERAZINYL)ETHYL)-5H-1,3-DIOXOLO(4,5-f)INDOLE TARTRATE * SOLYPERTINE TARTRATE * WIN 18,413-2

TOXICITY DATA AND REFERENCES:
3F12F21J25 ipr-mus LD50:81500 ug/kg BJPCAL 26,186,66
DIOXOLONE-2 see: FF9550000
1,3-DIOXOL-2-ONE (9CI) see: FG3325000

JI5000000 (1,3)DIOXOLO'4,5-j)PHENANTHRIDIN-6(2H)-ONE, 3,4,4a,5-TETRAHYDRO-2,3,4,7-TETRAHYDROXY-, (2S-(2-alpha,3-beta,4-beta,4a-beta))-
UPDT:8308 CAS: 29477-83-6 MW: 307.26 MOLFM: C14-H13-N-O7
SYN: LYCORCIDINOL * LYCOFICIDIN-A * LYCORICIDINOL * NARCILASINE * NARCILASINE

MUTATION DATA AND REFERENCES:
dnd-mam:lym 30 mg/L FRPSAX 32,67,77

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:5 mg/kg BSGDA2 8(1),126,82

JI5075000 1,3-DIOXOLO(4,5-g)QUINOLINE-7-CARBOXYLIC ACID, 5-ETHYL-5,8-DIHYDRO-8-OXO-
UPDT:8403 CAS: 14698-29-4 MW: 261.25 MOLFM: C13-H11-N-O5
SYN: EMYBENIL * 1-ETHYL-4-DIHYDRO-6,7-METHYLENEDIOXY-4-OXO-3-QUINOLINECARBOXYLIC ACID * 5-ETHYL-5,8-DIHYDRO-8-OXO-1,3-DIOXOLO(4,5-g)QUINOLINE-7-CARBOXYLIC ACID * 1-ETHYL-6,7-METHYLENEDIOXY-4-QUINOLONE-3-CARBOXYLIC ACID * NIDANTIN * NSC 110364 * OSSIAN * OXOBOL * OXOLINIC ACID * PIETA * PRODOXOL * URITRATE * URO-ALVAR * UROTRATE * UROXOL * UTIBID * W 4565

MUTATION DATA AND REFERENCES:
mma-esc 130 ug/L AMACCQ 17,763,80
dni-esc 2 mg/L FOMIAZ 19,281,74
oms-esc 50 mg/L EJBCAI 62,491,76
dni-esc 5 mg/L EJBCAI 62,491,76

TOXICITY DATA AND REFERENCES:
orl-rat LD50:525 mg/kg TXAPA9 18,185,71
orl-mus LD50:1890 mg/kg TXAPA9 18,185,71
2,6-DIOXO-4-METHYL-4-ETHYLPIPERIDINE see: MA4550000
4,5-DIOXO-3-METHYL-2-PYRAZOLINE-1-CARBOXAMIDE 4-((α-ETHOXYPHENYL)HYDRAZONE) see: UQ8956000 2-PYRAZOLINE-1-CARBOXAMIDE, 4,5-DIOXO-3-METHYL-, 4-((α-ETHOXYPHENYL)HYDRAZONE)
4,5-DIOXO-3-METHYL-2-PYRAZOLINE-1-CARBOXAMIDE 4-((2,5-XYLYL)HYDRAZONE) see: UQ8958000 2-PYRAZOLINE-1-CARBOXAMIDE, 4,5-DIOXO-3-METHYL-, 4-((2,5-XYLYLHYDRAZONE)

BEST COPY AVA

4,5-DIOXO-2-METHYL-2-PYRAZOLINE-1-CARBOXAMIDE 4-(3,5-XYLYLHYDRAZONE) see: UQ8959000 2-PYRAZOLINE-1-CARBOXAMIDE, 4,5-DIOXO-3-METHYL-, 4-(3,5-XYLYLHYDRAZONE)
DIOXONE see: RP6300000
3,5-DIOXO-1-PHENYL-2-(p-HYDROXYPHENYL)-4-n-BUTYLPYRAZOLIDENE see: UQ8400000
1,3-DIOXOPHTHALAN see: TI3150000
1,3-DIOXO-5-PHTHALANCARBOXYLIC ACID see: DC2050000
2,6-DIOXO-3-PHTHALIMIDOPIPERIDINE see: TI4375000
2-(2,6-DIOXOPIPERIDEN-3-YL) PHTHALIMIDINE see: TI5695000
N-(2,6-DIOXO-3-PIPERIDYL)PHTHALIMIDE see: TI4375000
3,20-DIOXO-17-alpha-PREGN-4-ENE-16-beta-CARBOXAMIDE see: TU4560000
2,2'-DIOXOPROPYL-N-PROPYLNITROSAMINE see: JL9678000
2,6-DIOXOPURINE see: ZD7700000
2,4-DIOXOPYRIMIDINE see: YQ8650000
2,5-DIOXOPYRROLIDINE see: WN2200000
2,4-DIOXOTETRAHYDROQUINAZOLINE see: VA1390000
3,5-DIOXO-2,3,4,5-TETRAHYDRO-1,2,4-TRIAZINE RIBOSIDE see: XY8575000
2,4-DIOXOTHIAZOLIDINE see: XJ5775000
2,4-DIOXO-THIAZOLIDINE-2-PHENYLHYDRAZONE see: XJ6279900
5-((2,4-DIOXO-3-THIAZOLIDINYL)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TD8500000
5-((2,4-DIOXO-3-THIAZOLIDINYL)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE2300000
DIOXOTHIOLAN see: XN0700000
1,1-DIOXOTHIOLAN see: XN0700000
DIOXOTHION see: TE3350000
DIOXYANTHRANOL see: CB1225000
m-DIOXYBENZENE see: VG9625000
o-DIOXYBENZENE see: UX1050000
1,4-DIOXYBENZENE see: DK2625000
3,3'-DIOXYBENZIDINE see: DV4900000
1,4-DIOXY-BENZOL (German) see: DK2625000
DIOXYBIS(2,2'-DI-tert-BUTYLBUTANE) see: EK3541000
3,3'-DIOXYBIS(3,5,5 TRIMETHYL-1,2-DIOXOLANE) see: JH7528000
DIOXYBUTADIENE see: EJ8225000
3-alpha,7-beta-DIOXYCHOLANIC ACID see: FZ2000000
DIOXYDE DE BARYUM (French) see: CB0175000
2,4-DIOXY-3,3-DIETHYL-5-METHYLPIPERIDINE see: TM7350000
DIOXYDIME see: VD1900000
4,4'-DIOXYDIPHENYLSULFIDE see: SN0800000
1,4-DIOXYETHYLAMINO 5,8-DIOXYANTHRAQUINONE (Russian) see: CB5746000
N,N-DIOXYETHYLANILINE see: KM2100000
DIOXYETHYLENE ETHER see: JG8225000
DIOXYLINE see: VC4440000
DIOXYMETHYLENE-PROTOCATECHUIC ALDEHYDE see: TO1575000
p,p-2,4-DIOXY-6-METHYL-PYRIMIDINYL-5-SULFONAMINO/DIPHENYL SULFONE see: UV9721000
DI(p-OXYPHENYL)-2,4-HEXADIENE see: SL0580000
7-(2,3-DIOXYPROPYL)THEOPHYLLINE see: XH5100000
DI-8-OXYQUINOLINE N-AMINOSALICYLIC ACID see: VO1795000
DIOZOL see: UQ8225000
DIP see: FB9800000
DiPA see: UB6600000
DIPA see: IM4025000
DIPA see: AG6475000
DIPAM see: DF1575000
DiPAN see: AL9800000
DIPAME see: UT0875000
DIPANOL see: OS8100000
DIPAR see: DU2200000
DI-PARALEN see: TL1925000
DIPARALENE see: TL1925000
DIPARALENE HYDROCHLORIDE see: TL2200000
DI-PARALENE-2-HYDROCHLORIDE see: TL2100000
DIPARCOL see: SO4200000
DIPARCOL see: SO4375000
DIPAXIN see: NK5600000
DIPEGYL see: QS3675000
DIPELARGONYL PEROXIDE see: RA8435000
DIPENINBROMID (German) see: BP1210000
DIPENINE BROMIDE see: BR1210000
DIPENTAMETHYLENETHIURAM DISULFIDE see: JO1585000
DI(PENTANOYLOXY)DIBUTYLSTANNANE see: WH7133000
DIPENTENE see: OS8100000
DIPENTENE DIOXIDE see: OS9100000
DIPENTENE (DOT) see: OS8100000
DIPENTYLAMINE see: RZ9100000

JJ1575000 DIPENTYLAMINE, N-NITROSO-
UPDT:8401 CAS: 13256-06-9 MW: 186.34 MOLFM: C10-H22-N2-O
SYN: DIAMYLNITROSAMIN (German) * DI-n-AMYLNITROSAMINE * DIPENTYLNITROSAMINE * DI-n-PENTYLNITROSAMINE * N-NITROSODI-n-PENTYLAMINE

MUTATION DATA AND REFERENCES:
mma-sat 465 ug/plate — PNASA6 72,5135,75
mma-ham-lng 500 umol/l — IAPUDO 27,179,80

TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:7733 mg/kg:8W-C — IJCNAW 27,249,81
3V03J60L60 scu-rat TDLo:11 gm/kg:25W-I — NATWAY 49,111,62
2V03J61 scu-mus TDLo:11 gm/kg:17W-I — BEXBAN 83,83,77
3V03J60L60 scu-rat TD:12 gm/kg/49W-C — ZEKBAI 69,103,67
3V03J60L60 orl-rat TD:48 gm/kg/51W-C — ZEKBAI 69,103,67

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1750 mg/kg — NATWAY 48,134,61
scu-rat LD50:3000 mg/kg — ZEKBAI 69,103,67

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984 MEET: CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,2'-((DIPENTYLGERMYLENE)DITHIO)BIS(1-PROPYLAMINE) see: UI2505000 1-PROPYLAMINE, 2,2'-((DIPENTYLGERMYLENE)DITHIO)BIS-
2,5-DI-t-PENTYLHYDROQUINONE see: MX6300000
2,2-DIPENTYL-5-METHYL-1,3,2-THIAZAGERMOLIDINE see: XJ0413000
DIPENTYLNITROSAMINE see: JJ1575000
DI-n-PENTYLNITROSAMINE see: JJ1575000
DIPENTYL PHTHALATE see: TI1930000
DI-n-PENTYLPHTHALATE see: TI1930000
p-(DIPENTYLSULFAMOYL)BENZOIC ACID see: DG9282000
DIPENTYL TEREPHTHALATE see: WZ1228000
2,2-DIPENTYL-1,3,2-THIAZAGERMOLIDINE see: XJ0412000
DIPENTYLTIN DICHLORIDE see: WH7250000
DIPENTYLTIN OXIDE see: WH7700000
DIPEPTIDE SWEETENER see: WM3407000
DIPERDON HYDROCHLORIDE see: TZ1101000
DIPERFLUOROBUTYL ETHER see: KN3500000
DIPERODON HYDROCHLORIDE see: TZ1101000
DIPEROXYAZELAIC ACID, maximum concentration 27% (DOT) see: SD9278000

JJ1778000 DIPEROXYPHTHALIC ACID, DI-tert-BUTYL ESTER, not more than 55% in solution
UPDT:8312 MW: 310.38 MOLFM: C16-H22-O6
SYN: DI-(tert-BUTYLPEROXY)PHTHALATE, maximum concentration 55% as a paste (DOT) * DI-(tert-BUTYLPEROXY) PHTHALATE, not more than 55% in solution (DOT) * UN 2107 (DOT) * UN 2108 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD-ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.101,82

JJ1779000 DIPEROXYPHTHALIC ACID, DI-tert-BUTYL ESTER, more than 55% in solution
UPDT:8308 MW: 310.38 MOLFM: C16-H22-O6
SYN: DI-(tert-BUTYLPEROXY) PHTHALATE, more than 55% in solution (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN — CFRGBR 49,172.101,82

JJ1780000 DIPEROXYPHTHALIC ACID, DI-tert-BUTYL ESTER, solid
UPDT:8312 MW: 310.38 MOLFM: C16-H22-O6
SYN: DI-(tert-BUTYLPEROXY) PHTHALATE (DOT) * DI-(tert-BUTYLPEROXY)PHTHALATE, technical pure (DOT) * UN 2106 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD-ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.101,82

DIPEZONA see: DF1575000
DIPHACIL see: AH2624000
DIPHACIL HYDROCHLORIDE see: AH2625000
DIPHACIN see: NK5600000
DIPHACINONE see: NK5600000
DIPHACYL see: AH2624000
DIPHANTINE see: KR6825000
DIPHANTOIN see: MU1050000
DIPHANTOINE see: MU1400000
DIPHASIN see: SO5005000
DIPHASINE see: SO5005000
DIPHASTON see: TU3671000
DIPHAZINE see: SO5005000
DIPHEBUZOL see: UQ8225000
DIPHEDAL see: MU1050000
DIPHEDAN see: MU1050000
DIPHEDAN see: MU1400000
DIPHEMANIL see: TN5075000
DIPHENAMANIL METHYLSULFATE see: TN5075000
DIPHEMETOXIDINE see: TM8740000
DIPHENACIN see: NK5600000
DIPHENACOUM see: GN4934500
DIPHENADIONE see: NK5600000
DIPHENAMID see: AB8050000
DIPHENAMIDE see: AB8050000
DIPHENAMIZOLE see: UE3865000
DIPHENASONE see: BY8925000
DIPHENATE see: MU1400000
DIPHENATIL see: TN5075000
DIPHENATRILE see: AL9800000
DIPHENETHINDOLE see: UQ4665000 PYRAZINO(1',2': 1,6)PYRIDO(3,4-b)INDOLE, 1,2,3,4,6,7,12,12a-OCTAHYDRO-, 2-(2-(DIPHENYLMETHOXY)ETHYL)-

JJ4985000 DIPHENETHYLAMINE, 2,2'-DIMETHOXY-alpha,alpha'-DIMETHYL-, LACTATE
UPDT:8305 MW: 403.57 MOLFM: C20-H27-N-O2 C3-H6-O3
SYN: 2,2'-DIMETHOXY-alpha,alpha'-DIMETHYL-DIPHENETHYLAMINE LACTATE * DI(B-O-METHOXYPHENYLISOPROPYL)-AMINE LACTATE * U-0069 LACTATE

TOXICITY DATA AND REFERENCES:
scu-rat LD50:175 mg/kg — AIPTAK 104,388,56

JJ4990000 DIPHENETHYLAMINE, o,o'-DIMETHOXY-alpha,alpha'-DIMETHYL-, compd. with LACTIC ACID
UPDT:8307 MW: 223.27 MOLFM: C20-H27-N C3-H6-O2
SYN: BIS-(B-o-METHOXYPHENYL-ISOPROPYL)-AMINE LACTATE * o,o-DIMETHOXY-alpha,alpha-DIMETHYL-DIPHENETHYLAMINE compd. with LACTIC ACID * U-0045

IRRITATION DATA AND REFERENCES:
skn-rbt 2500 ppm MLD — AIPTAK 137,410,62
eye-rbt 1 pph MLD — AIPTAK 137,410,62

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:51200 ug/kg — AIPTAK 137,410,62

JJ5006000 DIPHENETHYLAMINE, o,o'-DIMETHOXY-N,alpha,alpha'-TRIMETHYL-, HYDROCHLORIDE, VINYL ALCOHOL
UPDT:8303 MW: 408.03 MOLFM: C21-H29-N-O2 Cl-H C2-H4-O
SYN: o,o-DIMETHOXY-N,alpha,alpha-TRIMETHYL-DIPHENETHYLAMINE, HYDROCHLORIDE VINYL ALCOHOL * DIPHENYLETHYLAMINE, o,o-DIMETHOXY-N,alpha,alpha-TRIMETHYL-, HYDROCHLORIDE, ETHENOLATE * U-7236

TOXICITY DATA AND REFERENCES:
3F13G10J26 ipr-mus LD50:65 mg/kg — AIPTAK 131,1,61

DIPHENETHYLCARBAMIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE see: FA4366000
DIPHENEX see: KN8300000
DIPHENHYDRAMINE see: KR6825000
DIPHENHYDRAMINE HYDROCHLORIDE see: KR7000000
DIPHENHYDRINATE see: KH5082000
DIPHENICILLIN see: XH8575000
DIPHENIDOL HYDROCHLORIDE see: TM4970500
DIPHENIN see: MU1050000
DIPHENIN see: MU1400000
DIPHENINE see: MU1050000
DIPHENINE SODIUM see: MU1400000
DIPHENMANIL METHYLSULFATE see: TN5075000
DIPHENMETHANIL see: TN5075000
DIPHENMETHANIL METHYLSULFATE see: TN5075000
o-DIPHENOL see: UX1050000
N,N'-DI((3-PHENOXY-2-HYDROXYPROPYL)ETHYLENEDIAMINE DIHYDROCHLORIDE see: UB4799000
DIPHENOXYLATE HYDROCHLORIDE see: NS5300000
1,3-DIPHENOXY-2-PROPANOL see: UB4100000
DIPHENTHANE 70 see: SM0175000
DIPHENTOIN see: MU1050000
DIPHENTOIN see: MU1400000
DIPHENTYN see: MU1050000
DIPHENYDRAMINE HYDROCHLORIDE see: KR7000000
DIPHENYL see: DU8050000
N,N'-DIPHENYLACETAMIDINE see: AD0725000
DIPHENYLACETATE du DIETHYLAMINO-ETHANOL CHLORHYDRATE (French) see: AH2625000
DIPHENYLACETIC ACID see: AH2515000
alpha,alpha-DIPHENYLACETIC ACID see: AH2515000
DIPHENYLACETIC ACID 2-(4-BENZYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE see: AH2520000

DIPHENYLACETIC ACID DIETHYLAMINOETHYL ESTER see: AH2624000
DIPHENYLACETIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER see: AH2624000
DIPHENYLACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: AH2625000
DIPHENYLACETIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE see: AH3195500
DIPHENYLACETIC ACID 1-METHYL-4-PIPERIDYL ESTER HYDROCHLORIDE see: AH3220000
DIPHENYLACETIC ACID 2-PIPERAZINYLETHYL ESTER DIHYDROCHLORIDE see: AH3294000
DIPHENYLACETONITRILE see: AL9800000
DIPHENYLACETYLDIETHYLAMINOETHANOL see: AH2624000
DIPHENYLACETYLDIETHYLAMINOETHYL HYDROCHLORIDE see: AH2625000
2-DIPHENYLACETYL-1,3-DIKETOHYDRINDENE see: NK5600000
4-DIPHENYLACETYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3392100
5-DIPHENYLACETYL GENTISIC ACID SODIUM SALT see: LY3855500
2-(DIPHENYLACETYL)INDAN-1,3-DIONE see: NK5600000
2-DIPHENYLACETYL-1,3-INDANDIONE see: NK5600000
2-(DIPHENYLACETYL)-1H-INDENE-1,3(2H)-DIONE see: NK5600000
3,3-DIPHENYLACRYLIC ACID see: AS8990000
3,3-DIPHENYLACRYLIC ACID 2-DIETHYLAMINOETHYL ESTER see: AS9080000
3-(2,2-DIPHENYLAETHYL)-5-(2-PIPERIDINOAETHYL)-1,2,4-OXADIAZOL (German) see: TM7750000
4-(3,3-DIPHENYLALLYL)MORPHOLINE see: QE2978000
1-(3,3-DIPHENYLALLYL)PIPERIDINE see: TM7540000
1-(3,3-DIPHENYLALLYL)-1,4,4-TRIMETHYLPIPERAZINIUM DIIODIDE see: TM3392150
DIPHENYLAMIDE see: AB8050000

JJ7800000 DIPHENYLAMINE

UPDT:8309 CAS: 122-39-4 MW: 169.24 MOLFM: C12-H11-N
SYN: ANILINE, N-PHENYL- * ANILINOBENZENE * BENZENAMINE, N-PHENYL- (9CI) * BENZENE, ANILINO- * BENZENE, (PHENYLAMINO)- * BIG DIPPER * C.I. 10355 * DFA * N,N-DIPHENYLAMINE * DPA * NO SCALD * N-PHENYLANILINE * N-PHENYLBENZENAMINE * SCALDIP

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-rat TDLo:7500 mg/kg (17-22D preg)	PEREBL 4,448,70

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:3000 mg/kg	CNREA8 26,619,66
*	orl-gpg LD50:300 mg/kg	FMCHA2 -,C85,83

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW, EVHPAZ 15,121,76

★ TLV:TWA 10 mg/m3; STEL 20 mg/m3 DTLVS* 4,157,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N,N-DIPHENYLAMINE see: JJ7800000
DIPHENYLAMINE, p-AMINO- see: ST3150000
DIPHENYLAMINE, 4-AMINO- see: ST3150000
DIPHENYLAMINE, 2,5'-BIS(TRIFLUOROMETHYL)-2'-CHLORO-4,6-DINITRO- see: BX1230000
2-DIPHENYLAMINECARBOXYLIC ACID, 2',3'-DIMETHYL- see: CB4550000
DIPHENYLAMINECHLORARSINE see: SG0680000
DIPHENYLAMINECHLOROARSINE (DOT) see: SC-)680000
DIPHENYLAMINE, 4'-CHLORO-3-NITRO-4-(TRIFLUOROMETHYL)- see: XU5500000
DIPHENYLAMINE, HEXANITRO- see: JJ9275000

JJ9150000 DIPHENYLAMINE, HEXANITRO-

UPDT:8312 CAS: 35860-31-2 MW: 439.24 MOLFM: C12-H5-N7-O12
SYN: HEXANITRODIPHENYLAMINE * HEXANITRODIPHENYLAMINE (DOT) * UN 0079 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO-CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A AND POISON CFRGBR 49,172.102,83

JJ9200000 DIPHENYLAMINE, 2,2',3',4,4',6-HEXANITRO-

UPDT:8308 MW: 439.24 MOLFM: C12-H5-N7-O12
SYN: 2,2',3,4,4',6-HEXANITRODIPHENYLAMINE (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

JJ9275000 DIPHENYLAMINE, 2,2',4,4',6,6'-HEXANITRO-

UPDT:8411 CAS: 131-73-7 MW: 439.24 MOLFM: C12-H5-N7-O12
SYN: BIS(2,4,6-TRINITRO-PHENYL) AMIN (German) * DIPHENYLAMINE, HEXANITRO- * DPA * ESANITRODIFENILAMINA (Italian) * HEXANITRODIFENYLAMINE (Dutch) * HEXYL (German, Dutch) * HEXANITRODIPHENYLAMINE (French) * 2,2',4,4',6,6'-HEXANITRODIPHENYLAMINE * 2,4,6,2',4',6'-HEXANITRODIPHENYLAMINE

MUTATION DATA AND REFERENCES:

	mmo-sat 228 nmol/plate	MUREAV 136,209,84
	mma-sat 456 nmol/plate	MUREAV 136,209,84

TUMORIGENIC DATA AND REFERENCES:

2V02R60	orl-rat TDLo:14 gm/kg/76W-C	NATUAS 180,509,57

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIPHENYLAMINE, 4-HYDROXY- see: SJ6950000

JJ9500000 DIPHENYLAMINE, 4-ISOPROPOXY-

UPDT:8401 CAS: 101-73-5 MW: 227.33 MOLFM: C15-H17-N-O
SYN: AGERITE 150 * AGERITE ISO * p-HYDROXYDIPHENYLAMINE ISOPROPYL ETHER * p-ISOPROPOXYDIPHENYLAMINE * 4-ISOPROPOXYDIPHENYLAMINE * N-(4-ISOPROPOXYPHENYL)ANILINE

TUMORIGENIC DATA AND REFERENCES:

2V02L60	orl-mus TDLo:332 gm/kg/78W-I	NTIS** PB223-159

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JJ9700000 DIPHENYLAMINE, 4-((p-NITROPHENYL)AZO)-

UPDT:8401 CAS: 2581-69-3 MW: 318.36 MOLFM: C18-H14-N4-O2
SYN: 4-((p-NITROPHENYL)AZO)DIPHENYLAMINE

TUMORIGENIC DATA AND REFERENCES:

3V03K60R60	orl-rat TDLo:31 gm/kg/89W-C	ZEKBAI 57,530,51

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JJ9800000 DIPHENYLAMINE, N-NITROSO-

UPDT:8408 CAS: 86-30-6 MW: 198.24 MOLFM: C12-H10-N2-O
SYN: BENZENAMINE, N-NITROSO-N-PHENYL- (9CI) * CURETARD A * DELAC J * DIPHENYLNITROSAMIN (German) * DIPHENYLNITROSAMINE * DIPHENYL N-NITROSOAMINE * N,N-DIPHENYLNITROSAMINE * NAUGARD TJB * NCI-C02880 * NDPA * NDPhA * N-NITROSODIFENYLAMIN (Czech) * NITROSODIPHENYLAMINE * N-NITROSODIPHENYLAMINE * N-NITROSO-N-PHENYLANILINE * NITROUS DIPHENYLAMIDE * REDAX * RETARDER J * TJB * VULCALENT A * VULCATARD * VULCATARD A * VULKALENT A (Czech) * VULTROL

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg/24H SEV	28ZPAK -,134,72

MUTATION DATA AND REFERENCES:

	mmo-sat 1000 ug/plate	PMRSDJ 1,249,81
	mma-sat 50 ug/plate	CANCAR 49,1970,82
	dnd-bcs 2 mg/disc	PMRSDJ 1,175,81
	mmo-smc 89 mg/L	PMRSDJ 1,414,81
	dnr-smc 100 mg/L	PMRSDJ 1,502,81
	sln-smc 500 mg/L	PMRSDJ 1,468,81
	otr-rat-emb 1500 ug/L	JJIND8 67,1303,81
	dnd-rat-lvr 300 umol/L	CNREA8 42,2592,82
	dns-rat-lvr 500 nmol/L	CNREA8 42,3010,82
	mma-mus-lym 100 mg/L/4H	MUREAV 59,61,79
	otr-ham-emb 6300 ug/L	CRNGDP 2,679,81
	otr-ham-kdy 97 mg/L	PMRSDJ 1,626,81
	otr-ham-emb 6300 ug/L	NCIMAV 58,243,81
	cyt-ham-fbr 30 mg/L/48H	MUREAV 48,337,77
	sce-ham-fbr 100 umol/L	JNCIAM 58,1635,77

TUMORIGENIC DATA AND REFERENCES:

2V01M60	orl-rat TDLo:140 gm/kg/2Y-C	NCITR* NCI-CG-TR-164,79
3V03J61V08	skn-mus TDLo:800 mg/kg/20W-I	EJCAAH 16,695,80
2V01M60	orl-rat TD :170 gm/kg/2Y-C	NCITR* NCI-CG-TR-164,79
3V01M60R60	orl-rat TD :2800 gm/kg/2Y-C	IARC** 27,213,82
2V03J60	skn-mus TD :800 mg/kg/20W-I	IARC** 27,213,82
3V03L60N60	ipr-rat TD :7700 mg/kg/77W-I	IARC** 27,213,82
2V03M60	orl-mus TD :1750 gm/kg/2Y-I	IARC** 27,213,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1650 mg/kg	28ZPAK -,134,72
*	unk-rat LD50:3000 mg/kg	GMCRDC 17,107,75
	orl-mus LD50:3850 mg/kg	GTPZAB 10(4),60,66
*	ipr-mus LD50:1000 mg/kg	PMRSDJ 1,682,81

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 27,213,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 27,213,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-164,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-164,79)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JK0175000 DIPHENYLAMINE, 4-NITROSO-

UPDT:8412 CAS: 156-10-5 MW: 198.24 MOLFM: C12-H10-N2-O
SYN: BENZENAMINE, 4-NITROSO-N-PHENYL- (9CI) * NAUGARD TKB * NCI-C02244 * p-NITROSODIFENYLAMIN (Czech) * p-NITROSODIPHENYLAMINE * 4-NITROSODIPHENYLAMINE * p-NITROSO-N-PHENYLANILINE * 4-NITROSO-N-PHENYLANILINE * 4-NITROSO-N-PHENYLBENZENAMINE * N-PHENYL-p-NITROSOANILINE * TKB

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg/24H SEV	28ZPAK -,133,72

MUTATION DATA AND REFERENCES:

	mma-sat 200 ug/plate	ENMUDM 5(Suppl 1),3,83
	dnd-mus-ast 50 umol/L	MUREAV 89,95,81

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-rat TDLo:1365 gm/kg/78W-C	IARC** 27,227,82
2V01L60	orl-mus TDLo:204 gm/kg/57W-C	NCITR* NCI-CG-TR-190,79
2V02L60	orl-rat TD :164 gm/kg/78W-C	NCITR* NCI-CG-TR-190,79
2V02L60	orl-mus TD :378 gm/kg/50W-C	NCITR* NCI-CG-TR-190,79
2V02L60	orl-rat TD :82 gm/kg/78W-C	NCITR* NCI-CG-TR-190,79
2V01L60	orl-rat TD :2730 gm/kg/78W-C	IARC** 27,227,82
2V01L60	orl-mus TD :1698 gm/kg/57W-C	IARC** 27,227,82
2V01L60	orl-mus TD :3150 gm/kg/50W-C	IARC** 27,227,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2140 mg/kg	28ZPAK -,133,72
*	ivn-mus LD50:178 mg/kg	CSLNX* NX#00267

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 27,227,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 27,227,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-190,79)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JK0186500 DIPHENYLAMINE, 2,2',4,4'-TETRANITRO-

UPDT:8305 MW: 349.24 MOLFM: C12-H7-N5-O8
SYN: BIS-(2,4-DINITROPHENYL)AMINE * 2,2',4,4'-TETRANITRODIPHENYLAMINE

MUTATION DATA AND REFERENCES:

	cyt-rat-ipr 300 mg/kg	BJPCAL 6,357,51

N(sup 2)-((DIPHENYLAMINO)BENZYLIDENE)-4-NITRO-N(sup 1)-PHENYL-o-PHENYLENEDIAMINE see: ST2295000
(2-(DIPHENYLAMINO)ETHYL)GUANIDINE HEMISULFATE see: MF0875500 GUANIDINE, (2-(DIPHENYLAMINO)ETHYL)-, SULFATE (2:1)
DI-(alpha-PHENYL-beta-AMINOETHYL)SULPHIDE DIHYDROCHLORIDE see: SI2510000
1,1-DIPHENYL-2-AMINOPROPANE see: SI0787000
DIPHENYLAN see: MU1050000
DIPHENYL ANILIDOPHOSPHATE see: TB3964500
N,N-DIPHENYLANILINE see: YK2680000
DIPHENYLAN SODIUM see: MU1400000
DIPHENYLARSINIC ACID NITRATE see: CH7875000
o-((DIPHENYLARSINO)THIO)BENZOIC ACID see: DG9284000
DIPHENYLARSINOUS ACID see: CH6105000
m-DIPHENYLBENZENE see: WZ6470000
p-DIPHENYLBENZENE see: WZ6475000
1,2-DIPHENYLBENZENE see: WZ6472000
1,4-DIPHENYLBENZENE see: WZ6475000
2,3-DIPHENYLBENZO(b)THIOPHEN-6-OL see: DL9822000
DIPHENYLBIS(PHENYLTHIO)TIN see: WH6733800
DIPHENYL BLACK see: ST3150000
DIPHENYL BLUE 2B see: QJ6400000
DIPHENYL BLUE 3B see: QJ6475000
DIPHENYL BLUE KF see: QJ6400000
DIPHENYL BLUE M2B see: QJ6400000
DIPHENYL BRILLIANT BLUE see: QJ6420000
DIPHENYL BRILLIANT BLUE FF see: QJ6430000
DIPHENYLBUTAZONE see: UQ8225000
1,3-DIPHENYL-2-BUTEN-1-ONE see: AN0350000
(Z)-2-(p-(1,2-DIPHENYL-1-BUTENYL)-PHENOXY)-N,N-DIMETHYLETHYLAMINE see: KR5919600
trans-2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N,N-DIMETHYLETHYLAMINE CITRATE see: KR6712000
cis-2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N-METHYLETHYLAMINE see: KR6712700
1,2-DIPHENYL-4-BUTYL-3,5-DIKETOPYRAZOLIDINE CALCIUM SALT see: UQ8275000
1,2-DIPHENYL-4-BUTYL-3,5-DIOXOPYRAZOLIDINE see: UQ8225000
1,2-DIPHENYL-4-BUTYL-3,5-PYRAZOLIDINEDIONE see: UQ8225000
1-(2,2-DIPHENYLBUTYRYL)-2-METHYLPYRROLIDINE see: UY1036000
DIPHENYLCARBAMIC ACID 2-DIETHYLAMINOETHYL ESTER see: FA4374000
DIPHENYLCARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FA4375000
DIPHENYLCARBAMOTHIOIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE see: FA4440000
DIPHENYLCARBAMOTHIOIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER 1,5-NAPHTHALENEDISULFONATE see: FA4442000

BEST COPY AVAILABLE

DIPHENYL CARBINOL see: DC7452000
DIPHENYL CARBONATE see: FG0500000
DIPHENYL-2-CARBOXYPHENYLTHIOARSINITE see: DG9284000
DIPHENYLCHLOORARSINE (Dutch) see: CG9900000
1,1-DIPHENYL-2-(N-4'-CHLORBENZYLAMINO)PROPANHYDROCHLORID (German) see: SH0684500
DIPHENYLCHLORIDE see: DV2063000
DIPHENYLCHLOROARSINE see: CG9900000
DIPHENYLCHLOROARSINE (DOT) see: CG9900000
DIPHENYL-(2-CHLOROPHENYL)-1-IMIDAZOLYLMETHANE see: NI4377000
DIPHENYLCHROMIUM see: GB5850000
DIPHENYLCHROMIUM (III) IODIDE see: GB5900000
alpha,beta-DIPHENYLCINNAMONITRILE see: AT7100000
DIPHENYL-alpha-CYANOMETHANE see: AL9800000
DIPHENYL DARK GREEN B see: QJ6195050
DIPHENYL DARK GREEN BN see: QJ6195050
DIPHENYL DEEP BLACK G see: QJ6160000
2,4'-DIPHENYLDIAMINE see: DV2100000
1,5-DIPHENYL-3,7-DIAZAADMANTAN-9-ONE see: HM0330000
DIPHENYLDIAZENE see: CN1400000
1,2-DIPHENYLDIAZENE see: CN1400000
1,1'-DIPHENYLDIAZOMETHANE see: PA7200000
DIPHENYLDICHLOROSILANE see: VV3190000
DIPHENYL DICHLOROSILANE (DOT) see: VV3190000
DIPHENYLDICHLORO TIN DIPYRIDINE complex see: WH7254000
3,4-DIPHENYL-1,2-DIHYDRO-7-METHOXYNAPHTHALENE see: QJ4376000
1,3-DIPHENYL-5,6-DIHYDRO-1H-NAPHTHO(2,1-b)THIOPYRAN see: QM0687500
1,3-DIPHENYL-5,6-DIHYDRONAPHTHO(2,1-b)THIOPYRYLIUM compd. with TETRACHLOROFERRATE(1-) see: LJ8929000
2,4-DIPHENYL-5,6-DIHYDRONAPHTHO(1,2b)THIOPYRYLIUM TRIFLUOROACETATE see: QM0701200
DIPHENYLDIIMIDE see: CN1400000
2,2-DIPHENYL-4-DIISOPROPYLAMINOBUTYRAMIDE METHIODIDE see: BP0693200
1,1-DIPHENYL-2-(N-(3',4'-DIMETHOXYBENZYL)AMINO)PROPANHYDROCHLORID (German) see: SG2350000
DIPHENYL N-(2-(3,4-DIMETHOXYPHENYL)ETHYL) PHOSPHOBAMICATE see: TB2823000
2,2-DIPHENYL-N,N-DIMETHYLACETAMIDE see: AB8050000
1,1-DIPHENYL-1-DIMETHYLAMINOAETHYL-BUTANON-(2)-HYDROCHLORID (German) see: MP1750000
1,2-DIPHENYL-1-(DIMETHYLAMINO)ETHANE see: KR5920000
1,1-DIPHENYL-1-(2-DIMETHYLAMINOETHYL)-2-BUTANONE HYDROCHLORIDE see: MP1750000
4,4-DIPHENYL-6-DIMETHYLAMINO-3-HEPTANONE HYDROCHLORIDE (-)- see: MJ6130000
1,3-DIPHENYL-5-(2-DIMETHYLAMINOPROPIONAMIDO)PYRAZOLE see: UE3865000
1,1-DIPHENYL-1-(2-DIMETHYLAMINOPROPYL)-2-BUTANONE see: MJ6475000
1,1-DIPHENYL-1-(beta-DIMETHYLAMINOPROPYL)BUTANONE-2 HYDROCHLORIDE see: MJ6300000
1,1-DIPHENYL-1-(2-DIMETHYLAMINOPROPYL)-2-BUTANONE HYDROCHLORIDE, (-)- see: MJ6130000
alpha,alpha-DIPHENYL-gamma-DIMETHYLAMINOVALERAMIDE see: YV4400000
alpha,alpha-DIPHENYL-gamma-DIMETHYLAMINOVALERAMIDE HYDROCHLORIDE see: YV4425000
1,2-DIPHENYL-3,5-DIOXO-4-BUTYLPYRAZOLIDINE see: UQ8225000
DIPHENYLDIOXOBUTYLPYRAZOLIDINE-BUTAZOLIDINE-SODIUM see: UQ8300000
1,2-DIPHENYL-2,3-DIOXO-4-N-BUTYLPYRAZOLINE see: UQ8225000
1-((2,2-DIPHENYL-1,3-DIOXOLAN-3-YL)METHYL)-1-METHYLPIPERIDINIUM IODIDE see: TN5021000
I-2-(2,2-DIPHENYL-1,3-DIOXOLAN-4-YL)PIPERIDINE HYDROCHLORIDE see: TM7640000
1,4-DIPHENYL 3,5-DIOXO-PYRAZOLIDIN (German) see: UQ8455500
DIPHENYL mixed with DIPHENYL OXIDE see: DV1500000
2,2-DIPHENYL-4-DIPROPYLAMINOBUTYRAMIDE OXALATE see: ES4392600
2,2-DIPHENYL-4-DIPROPYLAMINOBUTYRONITRILE HYDROCHLORIDE see: ET9860000
alpha,4-DIPHENYL-1,3-DITHIOLE-delta(sup 2,alpha)-ACETONITRILE see: JP1285000
1,2-DIPHENYL-4-DODECYL-3,5-PYRAZOLIDINEDIONE see: UQ8512000
DIPHENYLE CHLORE, 42% DE CHLORE (French) see: TQ1356000
DIPHENYLE CHLORE, 54% DE CHLORE (French) see: TQ1360000
4,4'-DIPHENYLENEDIAMINE see: DC9625000
DIPHENYLENE DIOXIDE see: HP3090000
DIPHENYLENEIMINE see: FE3150000
DIPHENYLENEMETHANE see: LL5670000
DIPHENYLENIMIDE see: FE3150000
DIPHENYLENIMINE see: FE3150000
sym-DIPHENYLETHANOLAMINE see: KJ5950000
DIPHENYLETHANOLAMINE HYDROCHLORIDE see: DN3160000
trans-DIPHENYLETHENE see: WJ4926500
trans-1,2-DIPHENYLETHENE see: WJ4926500
DIPHENYL ETHER see: KN8970000
2,2-DIPHENYL-2-ETHOXYACETIC ACID (2-(N-sec-BUTYL-N-ETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE see: AH2770000
2,2-DIPHENYL-2-ETHOXYACETIC ACID (2-(DIMETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE see: AH2790000
5,6-DIPHENYL-3-ETHOXY-as-TRIAZINE see: XY8578000
DIPHENYLETHYLAMINE, o,o'-DIMETHOXY-N,alpha,alpha'-TRIMETHYL-, HYDROCHLORIDE, ETHENOLATE see: JJ5006000
2-(1,2-DIPHENYLETHYLAMINO)-PYRIDINE see: UT2814000
(E)-1,2-DIPHENYLETHYLENE see: WJ4926500
trans-alpha,beta-DIPHENYLETHYLENE see: WJ4926500
trans-1,2-DIPHENYLETHYLENE see: WJ4926500
2,2-DIPHENYL-4-(ETHYLISOPROPYLAMINO)BUTYRAMIDE see: ES4392630
alpha-(2,2-DIPHENYLETHYL)-4-MORPHOLINEETHANOL HYDROCHLORIDE see: QE3680700
alpha-(2,2-DIPHENYLETHYL)-1-PIPERIDINEETHANOL HYDROCHLORIDE see: TM8640000
1-(2-(3-(2,2-DIPHENYLETHYL)-1,2,4-OXADIAZOL-5-YL)ETHYL)PIPERIDINE MONOHYDROCHLORIDE see: TM7750000
4,4-DIPHENYL-1-ETHYLPIPERIDINE MALEATE see: TM7700000 PIPERIDINE, 4,4-DIPHENYL-1-ETHYL-, MALEATE
alpha-(2,2-DIPHENYLETHYL)-1-PYRROLIDINEETHANOL HYDROCHLORIDE see: UY1225200
3,3-DIPHENYL-2-ETHYL-1-PYRROLINE see: UY7357250
DIPHENYL FAST BROWN BRL see: GL7375000
DIPHENYL FAST YELLOW FA see: GD0197800
(+ -)-DIPHENYLFLUOROACETIC ACID 3-QUINUCLIDINYL ESTER see: AH3052000
1,1-DIPHENYL-2-(o-FLUOROPHENYL)ETHANE see: KI3200000
1,1-DIPHENYL-2-(m-FLUOROPHENYL)ETHYLENE see: KW2050000
1,2-DIPHENYL-4-FURFURYLIDENE-3,5-PYRAZOLIDINEDIONE see: UQ8513000
1,2-DIPHENYL-4-FURFURYLIDENE-3,5-PYRAZOLIDINEDIONE SODIUM SALT see: UQ8513500
1,2-DIPHENYL-4-FURFURYL-3,5-PYRAZOLIDINEDIONE see: UQ8512500
1,2-DIPHENYL-4-FURFURYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT see: UQ8514000
1-(2,5-DIPHENYL-3-FURYL)-3-(4-METHYL-1-PIPERAZINYL)-1-PROPANONE DIHYDROCHLORIDE see: UC2010200
1-(2,5-DIPHENYL-3-FURYL)-3-MORPHOLINO-1-PROPANONE HYDROCHLORIDE see: UC2010300
p-(2,4-DIPHENYL-3-FURYL)PHENOL see: SL3500420
p-(3,4-DIPHENYL-2-FURYL)PHENOL see: SL3500450
p-(4,5-DIPHENYL-3-FURYL)PHENOL see: SL3500480
1-(2-(p-(2,4-DIPHENYL-3-FURYL)PHENOXY)ETHYL)PYRROLIDINE see: UY1038000
1-(2-(p-(4,5-DIPHENYL-3-FURYL)PHENOXY)ETHYL)PYRROLIDINE OXALATE HYDRATE see: UY1039000
2-(p-(2,4-DIPHENYL-3-FURYL)PHENOXY)TRIETHYLAMINE see: YE1780000
2-(p-(3,4-DIPHENYL-2-FURYL)PHENOXY)TRIETHYLAMINE see: YE1790000
N,2-DIPHENYLGLYCINE 2-(DIETHYLAMINO)ETHYL ESTER MALEATE see: MC0180000
N,2-DIPHENYLGLYCINE 2-(DIMETHYLAMINO)ETHYL ESTER MALEATE see: MC0200000
DIPHENYLGLYCOLIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: DD2480000
DIPHENYLGLYCOLLIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD2800000
DIPHENYLGUANIDINE see: MF0875000
N,N'-DIPHENYLGUANIDINE see: MF0875000
1,3-DIPHENYLGUANIDINE see: MF0875000
1,3-DIPHENYL-2,3,4a,5,6,10b-HEXAHYDRO-1H-NAPHTHO(2,1-b)THIOPYRAN see: QM0690500
cis-2,6-DIPHENYL-2,4,4,6,8,8-HEXAMETHYLCYCLOTETRASILOXANE see: GZ4390000
2,6-cis-DIPHENYLHEXAMETHYLCYCLOTETRASILOXANE see: GZ4390000
DIPHENYLHYDANTOIN see: MU1050000
5,5-DIPHENYLHYDANTOIN see: MU1050000
DIPHENYLHYDANTOINE (French) see: MU1050000
DIPHENYLHYDANTOIN and MEPHOBARBITAL (2:1) see: MU1170000
DIPHENYLHYDANTOIN and METHYLPHENOBARBITONE (1:2) see: MU1170000
DIPHENYLHYDANTOIN and PHENETURIDE (1:2) see: MU1420000
DIPHENYLHYDANTOIN AND PHENOBARBITAL see: MU1180000
DIPHENYLHYDANTOIN and PRIMIDONE (1:2) see: MU1160000
DIPHENYLHYDANTOIN SODIUM see: MU1400000
5,5-DIPHENYLHYDANTOIN SODIUM see: MU1400000
DIPHENYLHYDRAMINE see: KR6825000
DIPHENYLHYDRAMINE HYDROCHLORIDE see: KR7000000
(sym)-DIPHENYLHYDRAZINE see: MW2625000
1,2-DIPHENYLHYDRAZINE (9Cl) see: MW2625000
1,1-DIPHENYL-2-(N-beta-HYDROXYAETHYLAMINO)PROPANHYDROCHLORID (German) see: KL7366600
1,1-DIPHENYL-2-(N-(beta-HYDROXYAETHYLAMINO)-PROPAN-MALEINAT (German) see: KL7366000
DIPHENYLHYDROXYARSINE see: CH6105000
1,2-DIPHENYL-2-HYDROXYETHYLAMINE see: KJ5950000
1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-3-IODO-1-PROPANONE see: UC2010500
2,3-DIPHENYL-4-(p-HYDROXYPHENYL)FURAN see: SL3500480
2,4-DIPHENYL-3-(p-HYDROXYPHENYL)FURAN see: SL3500420
3,4-DIPHENYL-2-(p-HYDROXYPHENYL)FURAN see: SL3500450
2,2-DIPHENYL-3-HYDROXYPROPIONIC ACID LACTONE see: RQ7700000
4,4-DIPHENYL-1-(3-HYDROXYPROPYL)-1-METHYLPIPERIDIUM IODIDE see: TN5050000
PIPERIDINIUM, 4,4DIPHENYL-1-(3-HYDROXYPROPYL)-1-METHYL-, IODIDE
erythro-2,3-DIPHENYL-4'-HYDROXYVALEROPHENONE see: YV8980000
5,5-DIPHENYLIMIDAZOLIDIN-2,4-DIONE see: MU1050000
5,5-DIPHENYL-2,4-IMIDAZOLIDINEDIONE see: MU1050000
5,5-DIPHENYL-2,4-IMIDAZOLIDINE-DIONE, MONOSODIUM SALT see: MU1400000
3,3-DIPHENYL-4-IMINO-2-METHYL-1-HEXYLAMINE DIHYDROCHLORIDE see: MQ5075600 3-HEXYLAMINE, 3,3DIPHENYL-4-IMINO-2-METHYL-, DIHYDROCHLORIDE
1-(3,3-DIPHENYL-4-IMINO-2-METHYLHEPTYL)PIPERIDINE DIHYDROBROMIDE see: TM7752000 PIPERIDINE,1-(3,3-DIPHENYL-4-IMINO-2-METHYLHEPTYL)-, DIHYDROBROMIDE
1-(3,3-DIPHENYL-4-IMINO-2-METHYLHEXYL)PIPERIDINE DIHYDROCHLORIDE see: TM7753000 PIPERIDINE,1-(3,3-DIPHENYL-4-IMINO-2-METHYLHEXYL)-, DIHYDROCHLORIDE
DIPHENYLINE see: DV2100000
4,4-DIPHENYL-1-ISOBUTYLPIPERIDINE see: TM7754000 PIPERIDINE, 4,4-DIPHENYL-1-ISOBUTYL-
1,2-DIPHENYL-4-ISOBUTYL-3,5-PYRAZOLIDINEDIONE see: UQ8514500
1,2-DIPHENYL-4-ISOBUTYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT see: UQ8515000
1,2-DIPHENYL-4-ISOPENTYL-3,5-PYRAZOLIDINEDIONE see: UQ8515500
1,2-DIPHENYL-4-ISOPENTYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT see: UQ8516000
5,6-DIPHENYL-3-ISOPROPOXY-as-TRIAZINE see: XY8586000
4,4-DIPHENYL-N-ISOPROPYLCYCLOHEXYLAMINE HYDROCHLORIDE see: GX1210000
1,2-DIPHENYL-4-ISOPROPYLIDENE-3,5-PYRAZOLIDINEDIONE see: UQ8522000
1,2-DIPHENYL-4-ISOPROPYLIDENE-3,5-PYRAZOLIDINEDIONE SODIUM SALT see: UQ8522500
2,2-DIPHENYL-4-(ISOPROPYLMETHYLAMINO)BUTYRAMIDE see: ES4392660
4,4-DIPHENYL-1-ISOPROPYLPIPERIDINE HYDROCHLORIDE see: TM7755000 PIPERIDINE, 4,4-DIPHENYL-1-ISOPROPYL-, HYDROCHLORIDE
DIPHENYL KETOXIME see: DJ1810000
8,10-DIPHENYLLOBELIONOL see: OJ8480000
DIPHENYLMERCURIDINAPHTHYLMETHANEDISULFONATE see: OW6125000
DIPHENYLMETHAN-4,4'-DIISOCYANAT (German) see: NQ9350000
4,4'-DIPHENYLMETHANEDIAMINE see: BY5425000
DIPHENYL METHANE DIISOCYANATE see: NQ9350000
p,p'-DIPHENYLMETHANE DIISOCYANATE see: NQ9350000
4,4'-DIPHENYLMETHANE DIISOCYANATE see: NQ9350000
DIPHENYLMETHANE 4,4'-DIISOCYANATE see: NQ9350000
DIPHENYLMETHANE DIISOCYANATE (DOT) see: NQ9350000
DIPHENYLMETHANE-4,4'-DIISOCYANATE-TRIMELLIC ANHYDRIDE-ETHOMID HT POLYMER see: DC2050000
DIPHENYLMETHANE, TETRAMETHYLDIAMINO- see: BY5250000
DIPHENYLMETHANOL see: DC7452000
DIPHENYLMETHANONE OXIME see: DJ1810000
2,2-DIPHENYL-2-METHOXYACETIC ACID (2-(N-sec-BUTYL-N-ETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE see: AH3062000
2,3-DIPHENYL-6-METHOXYBENZO(b)THIOPHENE see: DL9631000
1,1-DIPHENYL-2-(N-(4'-METHOXYBENZYL)AMINO)PROPANHYDROCHLORID (German) see: SH7890000
2-(DIPHENYLMETHOXY)-N,N-DIMETHYLETHYLAMINE see: KR6825000
2-DIPHENYLMETHOXY-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE see: KR7000000
N-(4-(2-((2-(DIPHENYLMETHOXY)ETHYL)AMINO)PROPOXY)PHENYL)ACETAMIDE ETHANEDIOATE (2:1) see: AB8137700
N-(4-(2-((2-(DIPHENYLMETHOXY)ETHYL)AMINO)PROPOXY)PHENYL)ACETAMIDE HEMIOXALATE see: AB8137700
N-(2-(DIPHENYLMETHOXY)ETHYL)-1-(3-METHYLPHENOXY)-2-PROPYLAMINE HEMIOXALATE see: UI2516300
(+ -)-N-(2-(DIPHENYLMETHOXY)ETHYL)-N-METHYL-1-PHENOXY-2-PROPYLAMINE HEMIOXALATE see: UI2516000
N-(2-(DIPHENYLMETHOXY)ETHYL)-1-(1-NAPHTHALENYLOXY)-2-PROPYLAMINE HEMIOXALATE see: UI2516700
N-(2-(DIPHENYLMETHOXY)ETHYL)-1-(4-NITROPHENYL)-2-PROPYLAMINE HEMIFUMARATE see: UI2516800
3-(DIPHENYLMETHOXY)-8-ETHYLNORTROPANE see: RD0525000
3-alpha-(DIPHENYLMETHOXY)-8-ETHYL-1-alpha-H,5-alpha-H-NORTROPANE see: RD0525000
N-(2-(DIPHENYLMETHOXY)ETHYL)-1-PHENOXY-2-PROPYLAMINE HYDROCHLORIDE see: UI2517000
N-(2-(DIPHENYLMETHOXY)ETHYL)-1-(2-(2-PROPENYL)PHENOXY)-2-PROPYLAMINE HEMIOXALATE see: UI2517200
3-(DIPHENYLMETHOXYMETHYL)-1,1-DIMETHYL-PIPERIDINIUM BROMIDE see: TN4950000
4-(DIPHENYLMETHOXY)-1-METHYLPIPERIDINE see: TM7810000
3,3-DIPHENYL-5-METHOXY-1-(PIPERIDINOMETHYL)-2-INDOLINONE see: NM2202400
4,4-DIPHENYL-1-(3-METHOXYPROPYL)PIPERIDINE HYDROCHLORIDE see: TM7826000 PIPERIDINE, 4,4-DIPHENYL-1-(3-METHOXYPROPYL)-, HYDROCHLORIDE
1,2-DIPHENYL-6-METHOXY-1,2,3,4-TETRAHYDRO-1-NAPHTHOL see: QL5418500
5,6-DIPHENYL-3-METHOXY-as-TRIAZINE see: XY8586500
DIPHENYLMETHYL ALCOHOL see: DC7452000
3,5-DIPHENYL-2-METHYL-4-AMINOPHENYL-1,2,4-TRIAZOLINE HYDROCHLORIDE see: XZ5470600

1,1-DIPHENYL-2-(N-METHYLAMINO)PROPANE HYDROCHLORIDE see: SH6005000
1-(1-(DIPHENYLMETHYL)-3-AZETIDINYL)GUANIDINE see: MF1150070
DIPHENYL METHYL BROMIDE, SOLID (DOT) see: PA5350000
DIPHENYL METHYL BROMIDE, solution (DOT) see: PA5350000
DIPHENYLMETHYLCYANIDE see: AL9800000
S-(DIPHENYLMETHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TE3570000
S-(DIPHENYLMETHYL) O,O-DIETHYL PHOSPHOROTHIOATE see: TG0715000
DIPHENYLMETHYL DIPHENYLPHOSPHENODITHIOATE see: SY7250000
1,1'-DIPHENYLMETHYLENEBIS(3-(2-CHLOROETHYL)-3-NITROSOUREA) see: YT2050000
3-(DIPHENYLMETHYLENE)-1,1-DIETHYL-2-METHYLPYRROLIDINIUM BROMIDE see: UY4310000
4-DIPHENYLMETHYL-1,1-DIMETHYLPIPERAZINIUM CHLORIDE HYDROCHLORIDE see: TA3392200
4-(DIPHENYLMETHYLENE)-1,1-DIMETHYLPIPERIDINIUM METHYLSULFATE see: TN5075000
4-(DIPHENYLMETHYLENE)-2-ETHYL-3-METHYLCYCLOHEXANOL ACETATE see: GV8980000
3-(DIPHENYLMETHYLENE)-1-ETHYL-2-METHYLPYRROLIDINE ETHYL BROMIDE see: UY4310000
(DIPHENYLMETHYLENE)HYDROXYLAMINE see: DJ1810000
4-(DIPHENYLMETHYLENE)-1-METHYLPIPERIDINE see: TM7837000
1-DIPHENYLMETHYLENYL-2-METHYI 3-ETHYL-4-ACETOXYCYCLOHEXANE see: GV8980000
S-(DIPHENYLMETHYL) O-ETHYL METHYLPHOSPHONODITHIOATE see: TA7498000
S-(DIPHENYLMETHYL) O-ETHYL METHYLPHOSPHONOTHIOATE see: TB1101500
3-(DIPHENYLMETHYL)-5-HYDROXY-1H-INDOLE-2-CARBOXYLIC ACID see: NL5999200
DIPHENYLMETHYL 4-HYDROXY-1-METHYL-4-PIPERIDINEACETATE see: TM3550000
7,8-DIPHENYL-1-METHYL-1H-IMIDAZO(2,1-I)PURINE-2,4(3H,8H)-DIONE see: NI5096700
3-(DIPHENYLMETHYL)-1H-INDOLE-2-CARBOXYLIC ACID see: NL5999100
1-DIPHENYLMETHYL-4-METHYLPIPERAZINE see: TL6475000
1-DIPHENYLMETHYL-4-METHYLPIPERAZINE DIHYDROCHLORIDE see: TL6490000
(+-)-1-DIPHENYLMETHYL-4-METHYLPIPERAZINE HYDROCHLORIDE see: TL6560000
S-(DIPHENYLMETHYL) O-OCTYL METHYLPHOSPHONODITHIOATE see: TA7498500
2-(3,3-DIPHENYL-3-(5-METHYL-1,3,4-OXADIAZOL-2-YL)PROPYL)-2-AZABICYCLO(2.2.2)OCTANE see: CL5629500
(3,3-DIPHENYL-1-METHYL-4-OXOHEXYL)TRIMETHYLAMMONIUM IODIDE see: BQ2704200
4-(DIPHENYLMETHYLOXY)-1-METHYLPIPERIDINE METHYLBROMIDE QUATERNARY SALT see: TN4945000
DIPHENYL N-(1-METHYL-2-PHENYLETHYL)PHOSPHORAMIDATE see: TB3962500
DIPHENYLMETHYLPIPERAZINE see: TL6465000
1-(DIPHENYLMETHYL)PIPERAZINE see: TL6465000
4-DIPHENYLMETHYL-1-PIPERAZINECARBOXAMIDE HYDROCHLORIDE see: TL1270000
alpha,alpha-DIPHENYL-4-METHYL-1-PIPERAZINEETHANOL see: TL9297200
alpha,beta-DIPHENYL-4-METHYL-1-PIPERAZINEETHANOL DIHYDROCHLORIDE see: TL9297300
1-(3-(4-(DIPHENYLMETHYL)-1-PIPERAZINYL)PROPYL)-2-BENZIMIDAZOLINONE see: DE2276000
1-(3-(4-(DIPHENYLMETHYL)-1-PIPERAZINYL)PROPYL)-1,3-DIHYDRO-2H-BENZIMIDAZOL-2-ONE see: DE2276000
alpha,alpha-DIPHENYL-2-METHYL-1-PIPERIDINEBUTYRAMIDE see: TM5073400
alpha,alpha-DIPHENYL-3-METHYL-1-PIPERIDINEBUTYRAMIDE see: TM5073500
alpha,alpha-DIPHENYL-4-METHYL-1-PIPERIDINEBUTYRAMIDE see: TM5073600
alpha,alpha-DIPHENYL-beta-METHYL-1-PIPERIDINEETHANOL see: TM8742000
alpha,alpha-DIPHENYL-1-METHYL-4-PIPERIDINEMETHANOL see: TN0927000
4,4-DIPHENYL-1-METHYLPIPERIDINE MALEATE see: TM7852000 PIPERIDINE, 4,4-DIPHENYL-1-METHYL-, MALEATE
3,3-DIPHENYL-2-METHYL-1-PIPERIDINO-4-HEPTANONE HYDROBROMIDE see: MJ7183500 4-HEPTANONE, 3,3DIPHENYL-2-METHYL-1-PIPERIDINO-, HYDROBROMIDE
4,4-DIPHENYL-5-METHYL-6-PIPERIDINO-3-HEXANONE HYDROBROMIDE see: MP3430500 3-HEXANONE, 4,4-DIPHENYL-5-METHYL-6-PIPERIDINO-, HYDROBROMIDE
alpha-2,2-DIPHENYL-4-(1-METHYL-2-PIPERIDYL)-1,3-DIOXOLANE METHYLIODIDE see: JH7580000
beta-2,2-DIPHENYL-4-(1-METHYL-2-PIPERIDYL)-1,3-DIOXOLANE METHYLIODIDE see: JH7590000
alpha-2,2-DIPHENYL-4-(1-METHYL-2-PIPERIDYL)-1,3-DIOXOLANE N-OXIDE HYDROCHLORIDE see: JH7595000
beta-2,2-DIPHENYL-4-(1-METHYL-2-PIPERIDYL)-1,3-DIOXOLANE N-OXIDE HYDROCHLORIDE see: JH7605000
DIPHENYL-1,1-(N-METHYL PIPERIDYL)-2 ETHYLENE-METHYLSULFATE (French) see: TN5077000
3,3-DIPHENYL-2-METHYL-1-PYRROLINE see: UY7357260
1-(2-((DIPHENYLMETHYLSILYL)OXY)ETHYL)PIPERIDINE see: TM7855000
6-DIPHENYLMETHYL-as-TRIAZINE-3,5-DIOL see: XY7650000
5,6-DIPHENYL-3-(METHYLTHIO)-as-TRIAZINE see: XY8587000
4-DIPHENYLMETHYLTROPYLTROPINIUM BROMIDE see: CK2990000
4-DIPHENYLMETHYL-dl-TROPYLTROPINIUM BROMIDE see: CK2990000
alpha,alpha-DIPHENYL-4-MORPHOLINEBUTYRAMIDE see: QD8978000
alpha,alpha-DIPHENYL-4-MORPHOLINEBUTYRONITRILE OXALATE see: QD9330000
alpha,alpha-DIPHENYL-4-MORPHOLINEETHANOL see: QE3680600
alpha,alpha-DIPHENYL-4-MORPHOLINEPROPANOL see: QE9109000
4,4-DIPHENYL-1-MORPHOLINO-2-BUTANONE HYDROCHLORIDE see: EL8560000
1,1-DIPHENYL-4-MORPHOLINO-3-BUTEN-2-ONE HYDROCHLORIDE see: EM9910000
4,4-DIPHENYL-6-MORPHOLINO-3-HEPTANONE HYDROCHLORIDE see: MJ7184000
4,4-DIPHENYL-6-MORPHOLINO-3-HEXANONE HYDROCHLORIDE see: MP3500000
DIPHENYLNITROSAMIN (German) see: JJ9800000
DIPHENYLNITROSAMINE see: JJ9800000
DIPHENYL N-NITROSOAMINE see: JJ9800000
N,N-DIPHENYLNITROSAMINE see: JJ9800000
o-DIPHENYLOL see: DV5775000
DIPHENYLOLPROPANE see: SL6300000
2,2-DI(4-PHENYLOL)PROPANE see: SL6300000
N-(4,5-DIPHENYLOXAZOL-2-YL)DIETHANOLAMINE MONOHYDRATE see: KK7400000
2,2'-((4,5-DIPHENYL-2-OXAZOLYL)IMINO)-DIETHANOL MONOHYDRATE see: KK7400000
3,3-DIPHENYL-2-OXETANONE see: RQ7700000
DIPHENYL OXIDE see: KN8970000
1,2-DIPHENYL-4-(OXIRANYLMETHOXY)-1H-INDOLE see: NL7988000
DIPHENYL-4-gamma-OXO-gamma-BUTYRIC ACID see: DV1761000
3,3-DIPHENYL-2-OXO-7-INDOLINECARBOXAMIDE see: NM1893650
3,3-DIPHENYL-2-OXO-7-INDOLINECARBOX-p-ANISIDIDE see: NM1893700
3,3-DIPHENYL-2-OXOINDOLINE-7-CARBOXYLIC ACID see: NL5998600
DIPHENYLOXOTELLURIUM see: DB9060000
2,5-DIPHENYL-2,4-PENTADIENOIC ACID see: RZ2474300
4,4-DIPHENYL-1-tert-PENTYLPIPERIDINE see: TM7860500 PIPERIDINE, 4,4-DIPHENYL-1-tert-PENTYL-
4,4-DIPHENYL-1-PHENETHYLPIPERIDINE HYDROCHLORIDE see: TM7860600 PIPERIDINE, 4,4-DIPHENYL-1-PHENETHYL-, HYDROCHLORIDE
5,6-DIPHENYL-3-PHENOXY-as-TRIAZINE see: XY8598100
N,2-DIPHENYL-N-(PHENYLACETYL)GLYCINE see: MC0300000
N,2-DIPHENYL-N-(PHENYLACETYL)GLYCINE ETHYL ESTER see: MC0310000
N,2-DIPHENYL-N-(PHENYLACETYL)GLYCINE METHYL ESTER see: MC0320000
DIPHENYL-p-PHENYLENEDIAMINE see: ST2275000
N,N'-DIPHENYL-p-PHENYLENEDIAMINE see: ST2275000
3-(DIPHENYLMETHYL)-5-(PHENYLMETHOXY)-1H-INDOLE-2-CARBOXYLIC ACID see: NL5999300
DIPHENYLPHOSPHINIC ACID see: SZ5315000
DIPHENYL PHOSPHINYL ACETIC ACID HYDRAZIDE see: AH3293000
N,P-DIPHENYL-PHOSPHONAMIDIC ACID ETHYL ESTER see: SZ6223000
2,5-DIPHENYLPIPERAZINE DIHYDROCHLORIDE see: TL6404000
alpha,alpha-DIPHENYL-1-PIPERIDINEBUTANOL HYDROCHLORIDE see: TM4970500
alpha,alpha-DIPHENYL-1-PIPERIDINEBUTYRAMIDE see: TM5073300
alpha,alpha-DIPHENYL-1-PIPERIDINEBUTYRIC ACID ETHYL ESTER HYDROBROMIDE see: TM5504000
alpha,alpha-DIPHENYL-1-PIPERIDINEBUTYRIC ACID HYDROGEN SULFATE see: TM5504200
alpha,alpha-DIPHENYL-1-PIPERIDINEBUTYRIC ACID METHYL ESTER HYDROBROMIDE see: TM5504600
alpha,alpha-DIPHENYL-1-PIPERIDINEBUTYRONITRILE HYDROCHLORIDE see: TM5659800
alpha,alpha-DIPHENYL-1-PIPERIDINEETHANOL see: TM8596000
4,4-DIPHENYL-1-PIPERIDINEETHANOL HYDROCHLORIDE see: TM8700000 1-PIPERIDINEETHANOL, 4,4-DIPHENYL-, HYDROCHLORIDE
4,4-DIPHENYLPIPERIDINE HYDROCHLORIDE see: TM7751000 PIPERIDINE, 4,4-DIPHENYL-, HYDROCHLORIDE
4,4-DIPHENYL-1-PROPYLPIPERIDINE HYDROCHLORIDE see: TM7861500 PIPERIDINE, 4,4-DIPHENYL-1-PROPYL-, HYDROCHLORIDE
alpha,alpha-DIPHENYL-2-PIPERIDINEMETHANOL see: TN0420000
alpha,alpha-DIPHENYL-2-PIPERIDINEMETHANOL HYDROCHLORIDE see: TN0875000
alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL HYDROCHLORIDE see: TN0925000
alpha,alpha-DIPHENYL-1-PIPERIDINEPROPANOL see: TN2855000
alpha,alpha-DIPHENYL-1-PIPERIDINEPROPANOL HYDROCHLORIDE see: TN2856000
4,4-DIPHENYL-1-PIPERIDINO-2-BUTANONE HYDROCHLORIDE see: EL8565000
1,1-DIPHENYL-4-PIPERIDINO-3-BUTEN-2-ONE HYDROCHLORIDE see: EM9930000
2,2-DIPHENYL-4-PIPERIDINO-BUTYROPHENONE HYDROBROMIDE see: EU2366000
2,2-DIPHENYL-4-(4-PIPERIDINO-4-CARBAMOYLPIPERIDINO)BUTYRONITRILE see: DW1012000
3,3-DIPHENYL-1-PIPERIDINO-4-HEPTANONE HYDROBROMIDE see: MJ7184300
4,4-DIPHENYL-7-PIPERIDINO-3-HEPTANONE HYDROBROMIDE see: MJ7184500 3-HEPTANONE, 4,4-DIPHENYL7-PIPERIDINO-, HYDROBROMIDE
4,4-DIPHENYL-6-PIPERIDINO-3-HEPTANONE HYDROCHLORIDE see: MJ7184700 3-HEPTANONE, 4,4-DIPHENYL-6-PIPERIDINO-, HYDROCHLORIDE
4,4-DIPHENYL-6-PIPERIDINO-3-HEXANONE HYDROBROMIDE see: MP3510000
3,3-DIPHENYL-5-PIPERIDINO-2-HEXANONE HYDROCHLORIDE see: MP3510500 2-HEXANONE, 3,3-DIPHENYL-5-PIPERIDINO-, HYDROCHLORIDE
3,3-DIPHENYL-6-PIPERIDINO-2-HEXANONE SULFATE see: MP3520500 2-HEXANONE, 3,3-DIPHENYL-6-PIPERIDINO-, SULFATE
DIPHENYLPIPERIDINOMETHYLDIOXOLAN IODIDE see: TN5021000
5,5-DIPHENYL-6-PIPERIDINO-4-OCTANONE NITRATE see: RH1495000 4-OCTANONE, 5,5-DIPHENYL-6-PIPERIDINO-, NITRATE
5,5-DIPHENYL-8-PIPERIDINO-4-OCTANONE SULFATE see: RH1496000 4-OCTANONE, 5,5-DIPHENYL-8-PIPERIDINO-, SULFATE
3,3-DIPHENYL-5-PIPERIDINO-4-METHYL-2-PENTANONE NITRATE see: SA8860000 2-PENTANONE, 3,3-DIPHENYL-5-PIPERIDINO-4-METHYL-, NITRATE
3,3-DIPHENYL-5-PIPERIDINO-2-PENTANONE HYDROBROMIDE see: SA8850000
1-(4,4-DIPHENYLPIPERIDINO)-2-PROPANONE see: UC2010700 2-PROPANONE, 1-(4,4-DIPHENYLPIPERIDINO)-
1,1-DIPHENYL-3-PIPERIDINO-1-PROPANOL HYDROCHLORIDE see: TN2856000
5,5-DIPHENYL-2-(2-(1-PIPERIDINYL)ETHYL)-1,3-DIOXOLAN-4-ONE HYDROCHLORIDE see: JI4580000
beta-2,2-DIPHENYL-4-(2-PIPERIDYL)-1,3-DIOXOLANE HYDROCHLORIDE see: JM7640000
l-2,2-DIPHENYL-4-(2-PIPERIDYL)-1,3-D: XOLANE HYDROCHLORIDE see: TM7640000
DIPHENYL-1,1 (N-PIPERIDYL)-2 ETHANOL (French) see: TM8596000
1,1-DIPHENYL-3-(1-PIPERIDYL)-1-PROPANOL HYDROCHLORICE see: TN2856000
1-(2-(p-(2,3-DIPHENYL-1-PROPENYL)PHENOXY)ETHYL)PYRROLIDINE see: UY1060000
alpha,alpha-DIPHENYL-beta-PROPIOLACTONE see: RQ7700000
alpha,alpha-DIPHENYLPROPIONIC ACID beta-DIETHYLAMINOETHYL ESTER see: UF2032500
alpha,alpha-DIPHENYLPROPIONIC ACID 2-DIETHYLAMINOETHYL ESTER see: UF2032500
2,2-DIPHENYLPROPIONIC ACID 2-DIETHYLAMINOETHYL ESTER see: UF2032500
2,2-DIPHENYLPROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: UF2032750
3,3-DIPHENYLPROPIONIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE see: UF2077000
1,2-DIPHENYL-2-PROPIONOXY-3-METHYL-4-DIMETHYLAMINOBUTANE see: EL2975000
(+-)-1,2-DIPHENYL-2-PROPIONOXY-3-METHYL-4-DIMETHYLAMINOBUTANE HYDROCHLORIDE see: EL3000000
4-(3,3-DIPHENYLPROPIONYL)-1,1-DIMETHYLPIPERAZINIUM IODIDE see: TM3392250
4-(3,3-DIPHENYLPROPIONYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3392300
4-(3,3-DIPHENYLPROPIONYL)-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE see: TM3392350
1-(3,3-DIPHENYLPROPIONYL)-4-METHYLPIPERAZINE HYDROCHLORIDE see: TL6683000
1-(3,3-DIPHENYLPROPIONYL)PIPERAZINE HYDROCHLORIDE see: TL6682000
DIPHENYLPROPYLAMINE HYDROCHLORIDE see: UI2515000
3,3-DIPHENYLPROPYLAMINE HYDROCHLORIDE see: UI2515000
N-(3,3-DIPHENYLPROPYL)-alpha-METHYLBENZYLAMINE HYDROCHLORIDE see: DP4790000
N-(3,3-DIPHENYLPROPYL)-alpha-METHYLPHENETHYLAMINE see: SH6480000
1-(3,3-DIPHENYLPROPYL)PIPERIDINE HYDROCHLORIDE see: TM7861000
alpha-2,2-DIPHENYL-4-(1-PROPYL-2-PIPERIDYL)-1,3-DIOXOLANE HYDROCHLORIDE see: JH7670000
beta-2,2-DIPHENYL-4-(1-PROPYL-2-PIPERIDYL)-1,3-DIOXOLANE HYDROCHLORIDE see: JH7680000
1,2-DIPHENYL-4-PROPYL-3,5-PYRAZOLIDINEDIONE see: UQ8652000
1,2-DIPHENYL-4-PROPYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT see: UQ8652500
1,2-DIPHENYL-4-PROPYL-5-THIOXO-3-PYRAZOLIDINONE see: UQ8720000
1,1-DIPHENYL-2-PROPYNYL-N-CYCLOHEXYL CARBAMATE see: GU7175000
DIPHENYLPYRALIN-8-CHLOR-THEOPHYLLINAT (German) see: XH5085000
DIPHENYLPYRALINE see: TM7810000
DIPHENYLPYRALINE TEOCLATE see: XH5085000
1,4-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8455500
DIPHENYL-(2-PYRIDYL)-METHANE 4,4'-SODIUM DISULFATE see: SM8739000
1,1-DIPHENYL-2-(N-PYRIDYL-(2)-METHYLAMINO)-PROPANHYDROCHLORID (German) see: UT5635200
1,1-DIPHENYL-2-(N-PYRIDYL-(3)-METHYLAMINO)PROPANHYDROCHLORID (German) see: UT5635300
1,1-DIPHENYL-2-(N-PYRIDYL-(4)-METHYLAMINO)PROPANHYDROCHLORID (German) see: UT5635400
DIPHENYLPYRILENE see: TM7810000
5,6-DIPHENYL-2-PYRIMIDINETHIOL see: UW0519200
5,6-DIPHENYL-2-PYRIMIDINOL see: UW6128000
alpha,alpha-DIPHENYL-1-PYRROLIDINEBUTYRAMIDE see: UY0216000
alpha,alpha-DIPHENYL-1-PYRROLIDINEBUTYRONITRILE OXALATE see: UY0278000
alpha,alpha-DIPHENYL-1-PYRROLIDINEETHANOL see: UY1225100
2,3-DIPHENYL-1-(2-PYRROLIDINOETHOXY)PHENYLPROPENE see: UY1060000
2,3-trans-3,4-cis-2,4-DIPHENYL-3-p-(beta-PYRROLIDINOETHOXY)PHENYLTETRAHYDROFURAN OXALATE see: UY2552000
2,3-DIPHENYL-4'-beta-PYRROLIDINOETHOXYPROPIOPHENONE see: UH1588300
4,4-DIPHENYL-1-(1-PYRROLIDINYL)-2-BUTANONE HYDROCHLORIDE see: EL8566000
1,1-DIPHENYL-4-(1-PYRROLIDINYL)-3-BUTEN-2-ONE HYDROCHLORIDE see: EM9935000
2,3-DIPHENYL-1-(4-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-1-BUTANONE see: EL8565500 1-BUTANONE,2,3-DIPHENYL-1-(4-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-
2,3-DIPHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)PROPIOPHENONE see: UH1588300
erythro-2,3-DIPHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)VALEROPHENONE see: YV8990000
alpha,alpha-DIPHENYL-3-QUINUCLIDINEMETHANOL, HYDROCHLORIDE see: VD4830000
DIPHENYL RED 4B see: QK1765000
DIPHENYL RED 3BS see: QJ6476000
DIPHENYL RED 4BS see: QK1765000
DIPHENYL RUBINE NR see: QK1296000
DIPHENYL SCARLET 3BS see: QJ6476060
DIPHENYL SELENIDE see: SK1825000
DIPHENYL SELENIUM see: SK1825000
DIPHENYL SKY BLUE 6B see: QJ6420000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

DIPHENYLSTANNANE see: WH7875000
DIPHENYL SULFIDE see: SX2275000
DIPHENYL SULPHIDE see: SX2275000
1-((DIPHENYLSULFOXIMIDO)METHYL)-1-METHYLPYRROLIDINIUM BROMIDE see: UY4347600
DIPHENYLTELLURIDE see: DB9062000
DIPHENYLTELLURIUM see: DB9062000
DIPHENYL-1,3 TETRAHYDRO-1,3a,8,12b(DIBENZO(b,f)PYRAZOLO(3,4-d)AZEPINE CHLORHYDRATE (French) see: HP8795000
1,3-DIPHENYL-1,3a,8,12b-TETRAHYDRODIBENZO(b,f)PYRAZOLO(3,4-d)AZEPINE MONOHYDROCHLORIDE see: HP8795000
3,3',4,4'-DIPHENYLTETRAMINE see: DV8750000
DIPHENYL-s-TETRAZINE see: XF6863300
3,6-DIPHENYLTETRAZINE see: XF6863300
3,6-DIPHENYL-1,2,4,5-TETRAZINE see: XF6863300
1,1-DIPHENYL-2-(N-(THEOPHYLLINO-7-ISOPROPYL)AMINO)PROPANHYDROCHLORID (German) see: XH5922320
2,2-DIPHENYL-1-THIA-3-AZA-2-SILACYCLOPENTANE see: XI0610000
2,2-DIPHENYL-1,3,2-THIAZAGERMOLIDINE see: XJ0414000
DIPHENYLTHIOCARBAMIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER see: FA4439000
DIPHENYLTHIOCARBAMIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE see: FA4440000
DIPHENYLTHIOCARBAMIC ACID S-(2-(DIETHYLAMINO)ETHYL) ESTER 1,5-NAPHTHALENEDISULFONATE see: FA4442000
N,N'-DIPHENYLTHIOCARBAMIDE see: FE1225000
s-DIPHENYLTHIOCARBAMIDE see: FE1225000
DIPHENYL THIOETHER see: SX2275000
5,5-DIPHENYL-2-THIOHYDANTOIN see: MU1750000
alpha,alpha-DIPHENYL-4-THIOMORPHOLINEBUTYRAMIDE see: XM2970000
DIPHENYLTHIOUREA see: FE1225000
N,N'-DIPHENYLTHIOUREA see: FE1225000
sym-DIPHENYLTHIOUREA see: FE1225000
1,3-DIPHENYLTHIOUREA see: FE1225000
1,3-DIPHENYL-2-THIOUREA see: FE1225000
DIPHENYLTIN see: WH7875000
DIPHENYLTIN DIBROMIDE see: WH6883100
DIPHENYLTIN DICHLORIDE see: WH7253000
DIPHENYLTIN DIHYDRIDE see: WH7875000
DIPHENYLTIN OXIDE polymer see: WH8100000
5,6-DIPHENYL-3-(p-TOLYLOXY)-as-TRIAZINE see: XY8598200
1,3-DIPHENYLTRIAZENE see: XY2625000
5,6-DIPHENYL-as-TRIAZINE-3-THIOL see: XZ0905000
5,6-DIPHENYL-as-TRIAZIN-3-OL see: XZ2852000
3,5-DIPHENYL-s-TRIAZOLE see: XZ4802000
3,5-DIPHENYL-1,2,4-TRIAZOLE see: XZ4803000
3,5-DIPHENYL-1H-1,2,4-TRIAZOLE see: XZ4803000
DIPHENYLTRICHLOROETHANE see: KJ3325000
2,2-DIPHENYL-N(sup 4),N(sup 4),3-TRIMETHYL-1,4-BUTANEDIAMINE HYDROBROMIDE see: EJ73900001,4-BUTANEDIAMINE, 2,2-DIPHENYL-N(sup 4),N(sup 4),3-TRIMETHYL-, HYDROBROMIDE
3,3-DIPHENYL-N,N,1-TRIMETHYL-PROPYLAMINE HYDROBROMIDE see: UI2560000
(+-)-2,2-DIPHENYLVALERIC ACID 3-QUINUCLIDINYL ESTER see: YV7190000
1-(2,2-DIPHENYLVINYL)-1-METHYLPIPERIDINIUM METHANESULFONATE see: TN5077000
alpha-(2,2-DIPHENYLVINYL)-4-MORPHOLINEETHANOL HYDROCHLORIDE see: QE3680800
alpha-(2,2-DIPHENYLVINYL)-1-PIPERIDINEETHANOL HYDROCHLORIDE see: TM8752000
alpha-(2,2-DIPHENYLVINYL)-1-PYRROLIDINEETHANOL HYDROCHLORIDE see: UY1225300
DIPHENYL YELLOW G see: GD0197800
alpha-(4-DIPHENYLYL)BUTYRIC ACID see: ES7400000
4-DIPHENYLYLETHYLACETIC ACID see: ES7400000
DIPHER see: ZH3325000
DIPHERGAN see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
DI-PHETINE see: MU1050000
DI-PHETINE see: MU1400000
DIPHONE see: BY8925000
DIPHOSGENE see: SY5600000
DIPHOSGENE (DOT) see: SY5600000
DIPHOSPHORAMIDE, OCTAMETHYL- (9CI) see: UX5950000

JL6710000 DIPHOSPHORIC ACID, MONO(2-(3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-4-METHYL-5-THIAZOLIDINYL)ETHYL) ESTER
UPDT:8408 CAS: 35728-33-7 MW: 428.38 MOLFM: C12-H22-N4-O7-P2-S
SYN: TETRAHYDROTHIAMINE DI-'OSPHATE * TETRAHYDROTHIAMINE PYROPHOSPHATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:986 mg/kg VABBA3 (6),54,77

DIPHOSPHORIC ACID TETRAETHYL ESTER see: UX6825000
DIPHOSPHORUS PENTOXIDE see: TH3945000
DIPHOSPHORUS TRIOXIDE see: TH4517000
DIPHTHERIA TOXIN see: XW5807200
DIPHYL see: DV1500000
DIPHYLETS see: SI1400000
DIPHYLLIN see: XH5100000
DIPICRYLOXAMIDE see: RO7100000
DIPICRYL SULFIDE see: TJ9900000
DIPICRYL SULFIDE, dry or containing, by weight, less than 10% water (DOT) see: TJ9900000
DIPICRYL SULPHIDE, wetted with, by weight, at least 10% water (DOT) see: TJ9940000
DIPIDOLOR see: DW1012000
DIPIGYL see: QS3675000
DIPIN see: SZ1300000
DIPINE see: SZ1300000
DIPIPERAL see: DW1050000
(DIPIPERIDINOACETYL)-AMINO-4,4' PHENYLTHIOBENZENE (French) see: TM3517000
2,2',2'',2'''-(4,8-DIPIPERIDINOPYRIMIDO(5,4-d)PYRIMIDINE-2,6-DIYLDINITRILO)TETRAETHANOL see: KK7450000
DIPIPERON see: DW1050000
DIPIPERONE see: DW1050000
DIPIRIN see: CD2625000
DIPIRITRAMIDE see: DW1012000
DIPN see: JL9650000
DI-PODIL see: PB1300000
DIPOFENE see: TF3325000
DIPONIUM BROMIDE see: BR1210000
DIPO-SAFT see: XH9425000
DIPOTASSIUM CARBOXYATRACTYLOSIDE see: NZ8173500
DIPOTASSIUM CHLORAZEPATE see: DE8750000
DIPOTASSIUM CLORAZEPATE see: DE8750000
DIPOTASSIUM CHROMATE see: GB2940000
DIPOTASSIUM DICHLORIDE see: TS8050000
DIPOTASSIUM DICHROMATE see: HX7680000
DIPOTASSIUM-meso-n,n-DISULFO-3,4-DIPHENYLHEXANE see: DT4391250
DIPOTASSIUM ETHYLENEDIAMINETETRAACETATE see: AH4310000
DIPOTASSIUM HEXABROMOPLATINATE see: TP1389000
DIPOTASSIUM HEXABROMOPLATINATE(2-) see: TP1389000
DIPOTASSIUM HEXAFLUOROZIRCONATE see: ZH7028400
DIPOTASSIUM HEXANITROPLATINATE(2-) see: TP1765000
DIPOTASSIUM METHANEARSONATE see: PA2100000
DIPOTASSIUM MONOCHROMATE see: GB2940000
DIPOTASSIUM OXALATE see: RO2885000
DIPOTASSIUM PALLADIUM TETRABROMIDE see: RT3358000
DIPOTASSIUM PERSULFATE see: SE0400000
DIPOTASSIUM TETRABROMOPALLADATE see: RT3358000
DIPOTASSIUM TETRACHLOPALLADATE see: TT4100000
DIPOTASSIUM TETRACYANOZINCATE(2-) see: ZG9220000
DIPOTASSIUM TETRANITROPLATINATE see: TP1875000
DIPOTASSIUM TRICHLORONITROPLATINATE see: TP1800000
DIPOTASSIUM ZIRCONIUM HEXAFLUORIDE see: ZH7028400
DIPPEL'S OIL see: ED0780000
DIPPING ACID see: WS5600000
DIPRAM see: UE4900000
DIPRAMID see: BP0693200
DIPRAMIDE see: BP0693200
DIPRAZINE see: SO6825000
DIPRAZIN HYDROCHLORIDE see: SO5500000
DIPROFARN see: PB1300000
DIPROFILLIN see: XH5100000
DIPROFILLINE see: XH5100000
DIPROL see: RC8925000
DIPRON see: WO8400000
DIPRONE see: PB1300000
DIPROPALIN see: XU6125000
DIPROPANEDIOL DIBENZOATE see: UB8787500
DI-2-PROPENYLAMINE see: UC6650000
S-(2-(DI-2-PROPENYLAMINO)-2-OXOETHYL) O,O-DIETHYL PHOSPHORODITHIOATE see: TD7950000
5,5-DI-2-PROPENYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE see: CQ3325000
DIPROPETRYN see: XY4100000
DIPROPETRYNE see: XY4100000
DIPROPHYLLIN see: XH5100000
DIPROPHYLLINE see: XH5100000
3,5-DIPROPIONAMIDO-2,4,6-TRIIODOBENZOIC ACID SODIUM SALT see: DH9300000
DIPROPIONATE BECLOMETHASONE see: TU3805000
DIPROPIONATE D'OESTRADIOL (French) see: KG4725000
DIPROPIONATO de ESTILBENE (Spanish) see: WJ5775000
p,p'-DIPROPIONOXY-trans-alpha,beta-DIETHYLSTILBENE see: WJ5775000

JL8750000 DIPROPIONYL PEROXIDE
UPDT:8312 CAS: 3248-28-0 MW: 146.16 MOLFM: C6-H10-O4
SYN: PROPIONYL PEROXIDE (8CI)
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:100 ppm BJIMAG 27,1,70

DIPROPIONYL PEROXIDE see: UG7110000
1,1-DIPROPOXYETHANE see: AB2827800
1-(DI-N-PROPOXYPHOSPHINOTHIOYLTHIOMETHYLCARBONYL-2-METHYLPIPERIDINE) see: TE3690000
DIPROPYL ACETAL see: AB2827800
DIPROPYLACETATE SODIUM see: YV7876000
DIPROPYLACETIC ACID see: YV7875000
DI-n-PROPYLACETIC ACID see: YV7875000
n-DIPROPYLACETIC ACID see: YV7875000
DIPROPYLACETIC ACID CALCIUM SALT see: YV7875300

JL9200000 DIPROPYLAMINE
UPDT:8408 CAS: 142-84-7 MW: 101.22 MOLFM: C6-H15-N
SYN: DI-n-PROPYLAMINE * n-DIPROPYLAMINE * DIPROPYLAMINE (DOT) * 1-PROPANAMINE, N-PROPYL- * N-PROPYL-1-PROPANAMINE * RCRA WASTE NUMBER U110 * UN 2383 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
orl-rat LD50:930 mg/kg UCDS** 11/29/63
* ihl-rat LC50:4400 mg/m3/4H 85GMAT -,63,82
* ihl-mus LC50:3070 mg/m3/2H 85GMAT -,63,82
1R10 skn-rbt LD50:1250 mg/kg AIHAAP 23,95,62
* ihl-mam LC50:4400 mg/m3 TPKVAL 14,80,75
* unk-mam LD50:600 mg/kg TPKVAL 14,80,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

n-DIPROPYLAMINE see: JL9200000
DI-n-PROPYLAMINE see: JL9200000

JL9330000 DIPROPYLAMINE, 1-ACETOXY-N-NITROSO-
UPDT:8401 MW: 188.26 MOLFM: C8-H16-N2-O3
SYN: 1-ACETOXY-N-NITROSODIPROPYLAMINE * N-(alpha-ACETOXY)PROPYL-N-n-PROPYLNITROSAMINE * ACETIC ACID, 1-(PROPYLNITROSAMINO)PROPYL ESTER * 1-(PROPYLNITROSAMINO)PROPYL ACETATE
MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate MUREAV 49,187,78
TUMORIGENIC DATA AND REFERENCES:
3V01K60V10 scu-ham TDLo:410 mg/kg/33W-I ZKKOBW 90,127,77
TOXICITY DATA AND REFERENCES:
scu-ham LD50:500 mg/kg ZKKOBW 90,127,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JL9384000 DIPROPYLAMINE, 3,3'-BIS(1-AZIRIDINYL)-
UPDT:8305 MW: 183.34 MOLFM: C10-H21-N3
SYN: 3,3'-BIS(1-AZIRIDINYL)DIPROPYLAMINE * DI-(gamma-ETHYLENEIMINOPROPYL)AMINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 4 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 4 mg/kg BJPCAL 6,357,51

JL9400000 DIPROPYLAMINE, 2,2'-BIS(2,3-EPOXYPROPOXY)-N-t-BUTYL-
UPDT:8305 CAS: 63041-01-0 MW: 301.48 MOLFM: C16-H31-N-O4
SYN: DIGLYCIDYL ETHER of N,N-BIS(2-HYDROXYPROPYL)-tert-BUTYLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:3600 mg/kg/9W-I FCTXAV 4,365,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JL9450000 DIPROPYLAMINE, 3,3'-DIAMINO-
UPDT:8312 CAS: 56-18-8 MW: 131.26 MOLFM: C6-H17-N3
SYN: AMINOBIS(PROPYLAMINE) * BIS-(3-AMINOPROPYL)AMINE * 3,3-DIAMINODIPROPYLAMINE * 3,3'-DIAMINODIPROPYLAMINE * DIPROPYLENETRIAMINE * IMINOBIS(PROPYLAMINE) * 3,3'-IMINOBIS(PROPYLAMINE) * IMINOBISPROPYLAMINE (DOT) * 3,3'-IMINOBISPROPYLAMINE (DOT) * 1,3-PROPANEDIAMINE, N-(3-AMINOPROPYL)- * PROPYLAMINE, 3,3'-IMINOBIS- * UN 2269 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 470 mg open MOD UCDS** 6/13/68

eye-rbt 47 mg SEV UCDS** 6/13/68

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:810 mg/kg AIHAAP 23,95,62

1R10 skn-rbt LD50:110 mg/kg AIHAAP 23,95,62

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-(DIPHENYLMETHYL)AZETIDINE HYDROCHLORIDE see: CM4312440

JL9625100 DIPROPYLAMINE, 3,3'-DIAMINO-N-METHYL-, DIPHENYLDISULFONATE

UPDT:8308 MW: 431.61 MOLFM: C7-H19-N C12-H10-O6-S2

SYN: 3,3' DIAMINO-N-METHYLDIPROPYLAMINE DIPHENYLDISULFONATE * 1,3-PROPANEDIAMINE, N-(3-AMINOPROPYL)-N-METHYL-, DIPHENYLDISULFONATE (9CI)

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:48 mg/kg CPBTAL 20,2459,72

JL9625200 DIPROPYLAMINE, 3,3'-DIAMINO-, mixed with SODIUM NITRITE

UPDT:8306 MW: 200.26 MOLFM: C6-H17-N3 N-Na-O2

SYN: N-(3-AMINOPROPYL)-1,3-PROPANEDIAMINE mixed with SODIUM NITRITE * 3,3'-DIAMINODIPROPYLAMINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with N-(3-AMINOPROPYL)-1,3-PROPANEDIAMINE * SODIUM NITRITE mixed with 3,3'-DIAMINODIPROPYLAMINE

MUTATION DATA AND REFERENCES:

mma-sat 1 umol/plate ENMUDM 5,101,83

JL9626000 DIPROPYLAMINE, 2,2'-DICHLORO-, HYDROCHLORIDE

UPDT:8302 MW: 206.56 MOLFM: C6-H13-Cl2-N Cl-H

SYN: B 583 * N,N-BIS(2-CHLOROPROPYL)AMINE HYDROCHLORIDE * 2,2'-DICHLORODIPROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1V30 ipr-rat LD50:100 mg/kg CPBTAL 8,807,60

JL9635000 DIPROPYLAMINE, 2,2'-DICHLORO-N-NITROSO-

UPDT:8401 MW: 199.10 MOLFM: C6-H12-Cl2-N2-O

SYN: 2,2'-DICHLORO-N-NITROSODIPROPYLAMINE * NITROSOBIS(2-CHLOROPROPYL)AMINE

MUTATION DATA AND REFERENCES:

mmo-sat 10 ug/plate MUREAV 66,1,79

mma-sat 10 ug/plate MUREAV 66,1,79

TUMORIGENIC DATA AND REFERENCES:

3V03K60L60 orl-rat TDLo:1360 mg/kg/20W-I EESADV 2,421,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JL9650000 DIPROPYLAMINE, 2,2'-DIHYDROXY-N-NITROSO-

UPDT:8412 CAS: 53609-64-6 MW: 162.22 MOLFM: C6-H14-N2-O3

SYN: BHP * N-BIS(2-HYDROXYPROPYL)NITROSAMINE * 2,2'-BISHYDROXYPROPYLNITROSAMINE * DHPN * 2,2'-DIHYDROXY DI-n-PROPYLNITROSOAMINE * DI(2-HYDROXY-n-PROPYL)AMINE * N,N-DI-(2-HYDROXYPROPYL)NITROSAMINE * DIISOPROPANOLNITROSAMINE * DIPN * N-NITROSOBIS(2-HYDROXYPROPYL)AMINE * N-NITROSO-N,N-DI(2-HYDROXYPROPYL)AMINE * 2-PROPANOL, N-NITROSO-1,1'-IMINODI- * 2-PROPANOL, 1,1'-NITROSOIMINODI-

MUTATION DATA AND REFERENCES:

mma-sat 250 ug/plate MUREAV 111,135,83

otr-hmn:oth 5 mg/L BANRDU 12,15,82

msc-ham:lng 700 umol/L CNREA8 40,3463,80

TUMORIGENIC DATA AND REFERENCES:

3V01D09K60 orl-rat TDLo:4600 mg/kg/42W-C CRNGDP 5,167,84

3V01J60N62 ipr-rat TDLo:3000 mg/kg CALEDQ 6,115,79

2V01N62 scu-rat TDLo:1400 mg/kg/2W-I CTRRDO 63,1181,79

3V02J60L60 orl-mus TDLo:28 gm/kg/16W-I CALEDQ 3,255,77

3V01J61L60 scu-mus TDLo:6049 mg/kg/23W-I CALEDQ 9,257,80

3V01J60L60 orl-rbt TDLo:29 gm/kg/25W-C CALEDQ 5,339,78

3V01L60L61 scu-gpg TDLo:7500 mg/kg/30W-I JNCIAM 58,387,77

2V01K60 orl-ham TDLo:1875 mg/kg/15W-I CNREA8 41,4715,81

3V01D09K60 skn-ham TDLo:688 mg/kg/43W-I CALEDQ 10,365,80

3V01K60L60 scu-ham TDLo:2375 mg/kg/19W-I CANCAR 36,379,75

3V02T65N60 scu-ham TDLo:100 mg/kg (14D preg) ZKKOBW 90,119,77

3V01J61L60 scu-mam TDLo:20 gm/kg/80W-I JJINDB 65,835,80

3V01K60L60 scu-ham TD :4125 mg/kg/33W-I CANCAR 36,379,75

3V01J60K60 scu-ham TD :2750 mg/kg/34W-I ZKKOBW 90,141,77

2V01K60 scu-ham TD :10500 mg/kg/21W-I CNREA8 44,1630,84

2V01J60 scu-rat TD :3000 mg/kg IGAYAY 107,248,78

3V02M61N62 ipr-rat TD :2800 mg/kg JJINDB 72,471,84

2V01N62 scu-rat TD :14000 mg/kg/20W-I NAIZAM 32,670,81

3V01D09K60 scu-rat TD :3560 mg/kg/20W-I JNCIAM 58,361,77

3V01J60N62 ipr-rat TD :2000 mg/kg IAPUDO 41,611,82

3V01K60L60 scu-ham TD :500 mg/kg JCROD7 102,265,82

3V01K60L60 scu-ham TD :4250 mg/kg/17W-I CRNGDP 3,1021,82

TOXICITY DATA AND REFERENCES:

scu-rat LD50:5000 mg/kg JJIND8 63,181,79

* scu-mus LD50:5160 mg/kg CALEDQ 9,257,80

scu-gpg LD50:4900 mg/kg JNCIAM 58,387,77

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW; APLMAS 107,54,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JL9655000 DIPROPYLAMINE, 2,2'-DIMETHYL-N-NITROSO-

UPDT:8401 CAS: 997-95-5 MW: 158.28 MOLFM: C8-H18-N2-O

SYN: 2,2'-DIMETHYLDIPROPYLNITROSOAMINE * DMDPN * N-NITROSO-2,2'-DIMETHYLDI-n-PROPYLAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03J60 scu-ham TDLo:3063 mg/kg/49W-I JNCIAM 55,1209,75

3V03J60K60 scu-ham TD :3680 mg/kg/46W-I ZKKOBW 90,141,77

TOXICITY DATA AND REFERENCES:

scu-ham LD50:5600 mg/kg JNCIAM 55,1209,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JL9678000 DIPROPYLAMINE, 2,2'-DIOXO-N-NITROSO-

UPDT:8412 CAS: 60599-38-4 MW: 158.18 MOLFM: C6-H10-N2-O3

SYN: BIS-(2-OXOPROPYL)-N-NITROSAMINE * BOP * 2,2'-DIOXO-DI-n-PROPYLNITROSAMINE * DI-OXO-DI-n-PROPYLNITROSAMINE * 2,2'-DIOXOPROPYL-N-PROPYLNITROSAMINE * DOPN * N-NITROSOBIS(2-OXOPROPYL)AMINE

MUTATION DATA AND REFERENCES:

mma-sat 250 ug/plate MUREAV 111,135,83

otr-hmn:oth 200 ug/L BANRDU 12,15,82

dnd-rat-ipr 10 mg/kg JJIND8 71,523,83

cyt-mus-orl 25 mg/kg JJIND8 71,133,83

otr-ham-scu 30 mg/kg PNASA6 78,2577,81

dnd-ham-scu 20 mg/kg CBINA8 45,95,83

dnd-ham:oth 500 ug/L CBINA8 48,59,84

dnd-ham-ipr 10 mg/kg JJIND8 71,523,83

dnd-ham:oth 30 mg/L JJIND8 71,523,83

dns-ham-scu 10 mg/kg ANTRD4 3,207,83

dns-ham:oth 100 mg/L JJIND8 71,523,83

msc-ham:lng 200 umol/L CNREA8 40,3463,80

TUMORIGENIC DATA AND REFERENCES:

3V01M60T64 orl-rat TDLo:500 mg/kg/1Y-I CALEDQ 13,303,81

3V01J60K61 scu-rat TDLo:263 mg/kg/105W-I JJIND8 63,181,79

2V01L60 scu-gpg TDLo:180 mg/kg/5W-I CALEDQ 5,31,78

3V01K60L60 orl-ham TDLo:57 mg/kg/13W-C CALEDQ 2,323,77

3V01L60R60 skn-ham TDLo:672 mg/kg/42W-I CALEDQ 10,365,80

3V01K60L60 scu-ham TDLo:10 mg/kg JJIND8 70,141,83

2V02N62 scu-rat TD :100 mg/kg CALEDQ 5,13,78

2V01N62 scu-rat TD :293 mg/kg/2Y-I CALEDQ 5,13,78

3V01K60L60 scu-ham TD :75 mg/kg/15W-I CRNGDP 3,1021,82

3V01J60K60 scu-ham TD :105 mg/kg/42W-I JNCIAM 58,1449,77

3V01K60L60 scu-ham TD :10 mg/kg CRNGDP 4,1215,83

3V01K60K61 scu-rat TD :460 mg/kg/46W-I CALEDQ 4,293,78

3V01J60L60 orl-rat TD :750 mg/kg/90W-I CALEDQ 19,207,83

2V03K60 scu-ham TD :10 mg/kg JJIND8 71,355,83

3V01L60L61 scu-ham TD :40 mg/kg/3D-I BJCAAI 41,996,80

3V01K60L60 scu-ham TD :10 mg/kg JJIND8 71,347,83

TOXICITY DATA AND REFERENCES:

scu-rat LD50:100 mg/kg CALEDQ 5,13,78

scu-gpg LD50:205 mg/kg CALEDQ 5,31,78

orl-ham LD50:142 mg/kg CALEDQ 2,323,77

scu-ham LD50:89 mg/kg JNCIAM 58,1449,77

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW; APLMAS 107,54,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIPROPYLAMINE (DOT) see: JL9200000

JL9680000 DIPROPYLAMINE, 1-(HYDROPEROXY)-N-NITROSO-

UPDT:8303 MW: 162.22 MOLFM: C6-H14-N2-O3

SYN: 1-(HYDROPEROXY)-N-NITROSODIPROPYLAMINE * N-PROPYL-N-(alpha-HYDROPEROXYPROPYL)NITROSAMINE

MUTATION DATA AND REFERENCES:

msc-ham:lng 50 umol/L GANNA2 73,522,82

JL9700000 DIPROPYLAMINE, N-NITROSO-

UPDT:8411 CAS: 621-64-7 MW: 130.22 MOLFM: C6-H14-N2-O

SYN: DIPROPYLNITROSAMINE * DI-n-PROPYLNITROSAMINE * DPN * DPNA * NDPA * N-NITROSODIPROPYLAMINE * N-NITROSODI-n-PROPYLA-1 PROPANAMINE * PROPANAMINE, N-NITROSO-N-PROPYL- * PROPYLAMINE, N-NITROSO-N-DI- *

RCRA WASTE NUMBER U111

MUTATION DATA AND REFERENCES:

mma-sat 500 ug/plate CRNGDP 5,1091,84

mma-esc 300 umol/plate MUREAV 26,361,74

dns-hmn:hla 100 umol/L CNREA8 38,2621,78

dnd-rat-orl 740 umol/kg CRNGDP 2,425,81

dnd-rat:lvr 30 umol/L CNREA8 42,2592,82

dns-rat:lvr 5 mmol/L ENMUDM 3,11,81

dni-mus-ipr 20 gm/kg ARGEAR 51,605,81

msc-mus:lym 500 mg/L MUREAV 106,305,82

mma-ham:lng 20 mmol/L CNREA8 37,1044,77

cyt-ham:lng 200 mg/L/27H MUREAV 66,277,79

msc-ham:lng 10 umol/L/18H CNREA8 40,406,80

TUMORIGENIC DATA AND REFERENCES:

3V01D09L60 orl-rat TDLo:660 mg/kg/60W-I CALEDQ 19,207,83

3V02D09K60 scu-rat TDLo:926 mg/kg/38W-I JNCIAM 54,937,75

3V03J60K60 orl-mus TDLo:120 mg/kg/50W-I IAPUDO 41,643,82

3V01D09K60 scu-mus TDLo:1516 mg/kg/44W-I ZKKOBW 90,253,77

3V01J60K60 scu-ham TDLo:1760 mg/kg/27W-I ZKKOBW 90,141,77

3V02T65K60 scu-ham TDLo:100 mg/kg (14D preg) ZKKOBW 90,79,77

3V03D09J60 scu-ham TD :143 mg/kg/38W-I JNCIAM 51,1019,73

3V03K60L60 orl-rat TD :1880 mg/kg/30W-I JJIND8 62,407,79

3V03K60L60 orl-rat TD :1350 mg/kg/30W-I EESADV 2,421,78

3V02J60M60 scu-ham TD :100 mg/kg ZKKOBW 90,79,77

2V03K60 orl-rat TD :1150 mg/kg/30W-C ARZNAD 19,1077,69

3V01D09L60 orl-rat TD :1056 mg/kg/30W-I CALEDQ 19,207,83

3V03J60K60 orl-rat TD :675 mg/kg/30W-C CALEDQ 14,297,81

TOXICITY DATA AND REFERENCES:

orl-rat LD50:480 mg/kg ZEKBAI 69,103,67

scu-rat LD50:487 mg/kg JNCIAM 54,937,75

scu-mus LD50:689 mg/kg ZKKOBW 90,253,77

scu-ham LD50:600 mg/kg JNCIAM 51,1019,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW; BLFSBY 24,129,83

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 17,177,78

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 17,177,78

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-(N-((N',N'-DIPROPYLAMINO)ACETYL)AMINO)INDAN HYDROCHLORIDE see: AB8292000

1-((DIPROPYLAMINO)ACETYL)-2-((o-BENZAMIDOPHENYL)OXALYL)HYDRAZINE HYDROCHLORIDE HYDRATE see: MV3600000

4-(DIPROPYLAMINO) 3,5-DINITROBENZENESULFONAMIDE see: WO9350000

4-(DI-n-PROPYLAMINO)-3,5-DINITRO-1-TRIFLUOROMETHYLBENZENE see: XU9275000

(2-(DIPROPYLAMINO)ETHYL)GUANIDINE HEMISULFATE see: MF1255000 GUANIDINE, (2-(DIPROPYLAMINO)ETHYL)-, SULFATE (2:1)

4-(2-(DIPROPYLAMINO)ETHYL)IMIDAZOLE see: NI5280000

2-(DIPROPYLAMINO)-N-(1-INDANYL)ACETAMIDE HYDROCHLORIDE see: AB8292000

alpha-((DIPROPYLAMINO)METHYL)BENZYL ALCOHOL BENZOATE (ester) see: DO5463700

alpha-((DIPROPYLAMINO)METHYL)BENZYL ALCOHOL o-METHOXYBENZOATE (ester) see: DO5463800

4-((DIPROPYLAMINO)SULFONYL)BENZOIC ACID see: DG9400000

DI-n-PROPYL ANILIDOPHOSPHATE see: TB3966600

DIPROPYLCARBAMOTHIOIC ACID S-ETHYL ESTER see: FA4550000

DIPROPYL-2,2'-DIHYDROXY-AMINE see: UB6600000

9,10-DI-n-PROPYL-9-10-DIHYDROXY-9,10-DIHYDRO-1,2,5,6-DIBENZANTHRACENE see: HN4300000

N,N-DI-n-PROPYL-2,6-DINITRO-4-METHYLANILINE see: XU6125000

N,N-DIPROPYL-2,6-DINITRO-p-TOLUIDINE see: XU6125000

N,N-DI-n-PROPYL-2,6-DINITRO-4-TRIFLUOROMETHYLANILINE see: XU9275000

DI-n-PROPYL DISELENIDE see: UI9810000

DIPROPYLENE GLYCOL see: UB8785000

DIPROPYLENE GLYCOL DIBENZOATE see: UB8787500

DIPROPYLENE GLYCOL METHYL ETHER see: JM1575000

JM1575000 DIPROPYLENE GLYCOL, MONOMETHYL ETHER

UPDT:8404 CAS: 34590-94-8 MW: 148.23 MOLFM: C7-H16-O3

SYN: ARCOSOLV * DIPROPYLENE GLYCOL METHYL ETHER * DOWANOL DPM * DOWANOL 50B * UCAR SOLVENT 2LM

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg open MLD UCDS** 11/15/71

eye-rbt 238 mg MLD AMIHBC 9,509,54

TOXICITY DATA AND REFERENCES:

orl-rat LD50:5660 mg/kg AIHAAP 23,95,62

BEST COPY

orl-dog LD50:7500 mg/kg JPETAB 102,79,51
skn-rat LD50:9500 mg/kg DTLVS* 4,157,80

REVIEW AND REFERENCES:
★ TLV-TWA 100 ppm; STEL 150 ppm (skin) DTLVS* 4,157,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (skin) (SCP-F) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1605
REPORTED IN EPA TSCA INVENTORY, 1983

JM1650000 DIPROPYLENE GLYCOL, 3,3,5-TRIMETHYLCYCLOHEXYL ETHER
UPDT:8401 CAS: 73987-16-3 MW: 257.44 MOLFM: C15-H29-O3
SYN: 2-PROPANOL, 1-(2-((3,3,5-TRIMETHYLCYCLOHEXYL)OXY)PROPOXY)- (9CI) * 3,3,5-TRIMETHYLCYCLOHEXYL DIPROPYLENE GLYCOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV JPETAB 8:,377,44

DIPROPYLENETRIAMINE see: JL9450000
DI-n-PROPYLESSIGSAURE (German) see: YV7875000
DIPROPYL ETHER see: UJ5125000
DIPROPYL ETHER (DOT) see: UJ5125000
N,N-DI-n-PROPYL ETHYL CARBAMATE see: FA4450000
DIPROPYL ISOCINCHOMERONATE see: US8000000
DI-n-PROPYL-ISOCINCHOMERONATE (German) see: US8000000
DIPROPYL ISOPHTHALATE see: NT2541000
DIPROPYL KETONE see: MJ5600000
DIPROPYLKETONE (DOT) see: MJ5600000
DI-n-PROPYL MALEATE-ISOSAFROLE CONDENSATE see: QJ3440000
DIPROPYL MERCURY see: OW3325000
DIPROPYL METHANE see: MI7700000
DI-n-PROPYL 6,7-METHYLENEDIOXY-3-METHYL-1,2,3,4-TETRAHYDRONAPHTHALENE see: QJ3440000
DI-n-PROPYL-3-METHYL-6,7-METHYLENEDIOXY-1,2,3,4-TETRAHYDRONAPHTHALENE-1,2-DICARBOXYLATE see: QJ3440000
DIPROPYL METHYLPHOSPHONODITHIOATE see: TA8100000
S,S-DIPROPYL METHYLPHOSPHONODITHIOATE see: TA7500000
S,S-DIPROPYL METHYL PHOSPHONOTRITHIOATE see: TB2275000
O,O-DIPROPYL S-2-METHYL-PIPERIDINOCARBONYL-METHYL PHOSPHORODITHIOATE see: TE3690000
O,O-DI-n-PROPYL-O-(4-METHYLTHIOPHENYL)PHOSPHATE see: TC5590000
DIPROPYLNITROSAMINE see: JL9700000
DI-n-PROPYLNITROSAMINE see: JL9700000
alpha-DIPROPYLNITROSAMINE METHYL ETHER see: UI3340000
DIPROPYL OXIDE see: UJ5125000
DI-n-PROPYL PARAOXON see: TC5600000
DI-n-PROPYL PEROXYDICARBONATE see: SD9900000
DI-n-PROPYL PEROXYDICARBONATE, technically pure (DOT) see: SD9900000
2,6-DIPROPYLPHENOL see: SL3500500
DIPROPYLPHOSPHINIC ACID ISOPROPYL ESTER see: SZ5365000
DIPROPYL PHTHALATE see: TI1940000
DI-n-PROPYL PHTHALATE see: TI1940000
DIPROPYL PYRIDINE-2,5-DICARBOXYLATE see: US7980000
DIPROPYL 2,5-PYRIDINEDICARBOXYLATE see: US8000000
DIPROPYL SUCCINATE see: WM7750000
DI-n-PROPYL SUCCINATE see: WM7750000
p-(DIPROPYLSULFAMOYL)BENZOIC ACID see: DG9400000
4-(DIPROPYLSULFAMOYL)BENZOIC ACID see: DG9400000
p-(DIPROPYLSULFAMYL)BENZOIC ACID see: DG9400000
DIPROPYL TEREPHTHALATE see: WZ1229000
DIPROPYL-5,6,7,8-TETRAHYDRO-7-METHYLNAPHTHO(2,3-d)-1,3-DIOXOLE-5,6-DICARBOXYLATE see: QJ3440000
2,2-DIPROPYL-1,3,2-THIAZAGERMOLIDINE see: XJ0415000
2,2-DIPROPYLTHIAZOLIDINE see: XJ5951000
N,N-DIPROPYLTHIOCARBAMIC ACID S-ETHYL ESTER see: FA4550000
DIPROPYLTHIOCARBAMIC ACID S-PROPYL ESTER see: FA4725000
DI-n-PROPYLTIN BISMETHANESULFONATE see: WH6730900
DIPROPYLTIN CHLORIDE see: WH7255000
DIPROPYLTIN DICHLORIDE see: WH7255000
DI-n-PROPYLTIN DICHLORIDE see: WH7255000
DIPROPYLTIN OXIDE see: WH8225000
N,N-DIPROPYL-4-TRIFLUOROMETHYL-2,6-DINITROANILINE see: XU9275000
1,4-DIPROPYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE see: YJ9270307
DIPROSONE see: TU4058000
DIPROSTRON see: KG4725000
DIPROTRIZOATE SODIUM see: DH9300000
DIPROZIN see: SO6825000
DIPS see: WS8050000
DIPT see: NL7040000

JM5030000 DIPTERACANTHUS PROSTRATUS (Poir.) Ness, extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 18,594,80)
UPDT:8411
TOXICITY DATA AND REFERENCES:
1N22 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

DIPTERAX see: TA0700000
DIPTEREX see: TA0700000
DIPTEREX 50 see: TA0700000

JM5140000 DIPTEROCARPUS INDICUS Bedd., extract excluding roots
DEF:Indian plant belonging to the family DIPTEROCARPACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: BANSAMPA, extract
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

JM5150000 DIPTEROCARPUS MANNII King, extract excluding roots
DEF:Indian plant belonging to the family DIPTEROCARPACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: HOLLONG EXTRACT
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:250 mg/kg IJEBA6 11,43,73

DIPTEVUR see: TA0700000
DIPYRIDAMINE see: KK7450000
DIPYRIDAMOL see: KK7450000
DIPYRIDAMOLE see: KK7450000
DIPYRIDAN see: KK7450000
4,4'-DIPYRIDINE see: DW1760000

JM5614000 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE
UPDT:8411 CAS: 245-72-7 MW: 169.20 MOLFM: C10-H7-N3
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate MUREAV 136,23,84

JM5615000 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 2-AMINO-
UPDT:8412 MW: 184.22 MOLFM: C10-H8-N4
SYN: 2-AMINO-DIPYRIDO(1,2-a:3',2'-d)-IMIDAZOLE * GLU-P-2
MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate MUREAV 136,23,84
pic-sat 10 ug/plate MUREAV 110,243,83
sce-hmn:lym 10 umol/L MUREAV 116,137,83
dns-rat:lvr 1 umol/L CALEDQ 20,283,83
cyt-ham:lng 250 mg/L GMCRDC 27,95,81
msc-ham:lng 1 gm/L MUREAV 118,91,83
dnd-mam:lym 10 umol/L BBRCA9 96,611,80
TUMORIGENIC DATA AND REFERENCES:
3V01H60L60 orl-mus TDLo:23232 mg/kg/69W-C CRNGDP 5,815,84
3V01H60L60 orl-mus TD :24024 mg/kg/66W-C CRNGDP 5,815,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JM5615200 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 3-AMINO-
UPDT:8411 MW: 184.22 MOLFM: C10-H8-N4
MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate MUREAV 136,23,84

JM5615300 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 4-AMINO-
UPDT:8411 MW: 184.22 MOLFM: C10-H8-N4
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 136,23,84

JM5615400 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 3-AMINO-4,7-DIMETHYL-
UPDT:8411 MW: 212.28 MOLFM: C12-H12-N4
MUTATION DATA AND REFERENCES:
mma-sat 10 ng/plate MUREAV 136,23,84

JM5615500 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 4-AMINO-2,7-DIMETHYL-
UPDT:8411 MW: 200.27 MOLFM: C11-H12-N4
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate MUREAV 136,23,84

JM5620000 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 2-AMINO-6-METHYL-
UPDT:8412 MW: 198.25 MOLFM: C11-H10-N4
SYN: 2-AMINO-6-METHYLDIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE * GLU-P-1 * 6-ME-GLU-P-2
MUTATION DATA AND REFERENCES:
mma-sat 300 ng/plate CRNGDP 1,889,80
pic-sat 10 nmol/plate PPTCBY -,337,79
sce-hmn:lym 1000 ug/L MUREAV 77,65,80
dns-rat:lvr 1 umol/L CALEDQ 20,283,83
otr-ham:emb 10 mg/L TOLED5 4,281,79
cyt-ham:lng 180 mg/L GMCRDC 27,95,81
msc-ham-ipr 54 mg/kg/3D-I CALEDQ 20,241,83
msc-ham:lng 250 mg/L MUREAV 118,91,83
dnd-mam:lym 10 umol/L BBRCA9 96,611,80
TUMORIGENIC DATA AND REFERENCES:
3V01H60L60 orl-mus TDLo:17212 mg/kg/47W-C CRNGDP 5,815,84
2V01H60L60 orl-mus TD :17512 mg/kg/57W-C CRNGDP 5,815,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JM5651000 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 3-AMINO-4-METHYL-
UPDT:8411 MW: 198.25 MOLFM: C11-H10-N4
MUTATION DATA AND REFERENCES:
mma-sat 10 ng/plate MUREAV 136,23,84

JM5652000 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 4-AMINO-2-METHYL-
UPDT:8411 MW: 198.25 MOLFM: C11-H10-N4
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 136,23,84

JM5653000 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 4-AMINO-7-METHYL-
UPDT:8412 MW: 198.25 MOLFM: C11-H10-N4
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 136,23,84
mma-sat 100 ug/plate MUREAV 136,23,84

JM5654000 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 4-CHLORO-2,9-DIMETHYL-
UPDT:8412 MW: 231.70 MOLFM: C12-H10-Cl-N3
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 136,23,84

JM5655000 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 3-(DIHYDROXYAMINO)-4-METHYL DIACETATE
UPDT:8412 MW: 314.33 MOLFM: C15-H14-N4-O4
MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate MUREAV 136,23,84

JM5656000 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 4,7-DIMETHYL-3-NITRO-
UPDT:8412 MW: 242.26 MOLFM: C12-H10-N4-O2
MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate MUREAV 136,23,84
mma-sat 100 ng/plate MUREAV 136,23,84

JM5657000 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 4-METHYL-3-NITRO-
UPDT:8412 MW: 228.23 MOLFM: C11-H8-N4-O2
MUTATION DATA AND REFERENCES:
mma-sat 10 ng/plate MUREAV 136,23,84
mma-sat 100 ng/plate MUREAV 136,23,84

JM5660000 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 6-METHYL-2-NITRO-
UPDT:8403 MW: 228.23 MOLFM: C11-H8-N4-O2
SYN: 6-METHYL-2-NITRODIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE * 2-NITRO-6-METHYLDIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE
MUTATION DATA AND REFERENCES:
mma-sat 5 nmol/plate CRNGDP 4,1547,83

JM5665000 DIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE, 6-METHYL-2-NITROSO-
UPDT:8403 MW: 212.23 MOLFM: C11-H8-N4-O
SYN: 6-METHYL-2-NITROSODIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE * 2-NITROSO 6-METHYLDIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE
MUTATION DATA AND REFERENCES:
mma-sat 100 pmol/plate CRNGDP 4,1547,83

JM5690000 DIPYRIDO(1,2-a;2',1'-c)PYRAZINEDIIUM, 6,7-DIHYDRO-, DIBROMIDE
UPDT:8312 CAS: 85-00-7 MW: 344.08 MOLFM: C12-H12-N2 2Br
SYN: AQUACIDE * DEIQUAT * DEXTRONE * 9,10-DIHYDRO-8a,10-DIAZONIAPHENANTHRENE DIBROMIDE * 9,10-DIHYDRO-8a,10a-DIAZONIAPHENANTHRENE(1,1'-ETHYLENE-2,2'-BIPYRIDYLIUM)DIBROMIDE * 5,6-DIHYDRO-DIPYRIDO(1,2a:2',1c)PYRAZINIUM DIBROMIDE * 6,7-DIHYDROPYRIDO(1,2-a:2',1'-c)PYRAZINEDIIUM DIBROMIDE * DIQUAT * DIQUAT DIBROMIDE * 1,1'-ETHYLENE-2,2'-BIPYRIDYLIUM DIBROMIDE * ETHYLENE DIPYRIDYLIUM DIBROMIDE * 1,1-ETHYLENE 2,2-DIPYRIDYLIUM DIBROMIDE * 1,1'-ETHYLENE-2,2'-DIPYRIDYLIUM DIBROMIDE * FB-2 * PREEGLONE * REGLON * REGLONE * REGLOX * WEEDTRINE-D
IRRITATION DATA AND REFERENCES:
skn-rbt 400 mg/20D MLD BJIMAG 27,51,70
eye-rbt 10 mg MLD BJIMAG 27,51,70
MUTATION DATA AND REFERENCES:
mma-sat 100 nmol/plate TOLED5 3,169,79
dnr-sat 10 ug/plate MUREAV 68,183,79
mma-esc 2200 nmol/L ENMUDM 3,11,81
mrc-smc 1000 ppm MUREAV 22,111,74
mma-asn 500 ug/plate MUREAV 68,183,79
mma-hmn:fbr 1 umol/L MUREAV 42,161,77
dns-hmn:fbr 1 umol/L MUREAV 42,161,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T35T46 'or-rat TDLo:7 mg/kg (7D preg) 26UZAB 6,257,68

BEST COPY AVAILABLE

2T25T35 ivn-rat TDLo:15 mg/kg (17D preg) TXAPA9 33,450,75
1T46 ipr-mus TDLo:10800 ug/kg (9-12D preg) BECTA6 25,513,80
TOXICITY DATA AND REFERENCES:
1J30 orl-rat LD50:120 mg/kg PRKHDK 1,31,75
ipr-rat LDLo:500 mg/kg PAREAQ 14,225,62
scu-rat LD50:20 mg/kg PAREAQ 14,225,62
ivn-rat LDLo:14 mg/kg 26UZAB 6,257,68
orl-mus LD50:233 mg/kg BJIMAG 27,51,70
orl-dog LDLo:187 mg/kg BJIMAG 27,51,70
orl-rbt LD50:188 mg/kg BJIMAG 27,51,70
orl-gpg LD50:187 mg/kg BJIMAG 27,51,70
orl-ckn LDLo:373 mg/kg BJIMAG 27,51,70
* orl-dck LD50:564 mg/kg DOEAAH 35,25,79
orl-ctl LDLo:56 mg/kg BJIMAG 27,51,70
unk-mam LD50:400 mg/kg 30ZDA9 -,409,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71; DTTIAF 80(20),485,73
★ TLV-TWA 500 ug/m3; STEL 1 mg/m3 DTLVS* 4,158,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DIPYRIDO(2,3-d,2,3-k)PYRENE see: QL0610000
DIPYRIDO(2,3-d,2,3-l)PYRENE see: QL0600000
alpha,alpha'-DIPYRIDYL see: DW1750000
gamma,gamma'-DIPYRIDYL see: DW1760000
2,2'-DIPYRIDYL see: DW1750000
4,4-DIPYRIDYL see: DW1760000
4,4'-DIPYRIDYL see: DW1760000
alpha,alpha'-DIPYRIDYL-4,4'-BIACETOPHENONE DICHLORIDE see: UU2563000
alpha,alpha'-DIPYRIDYL-4,4'-BIACETOPHENONE DIIODIDE see: UU2565000
5,6-DI-2-PYRIDYL-3-METHOXY-as-TRIAZINE see: XY8599100
5,6-DI-2-PYRIDYL-3-(METHYLTHIO)-as-TRIAZINE see: XY8599200
DIPYRIN see: CD2625000
DIPYRINE see: CD2625000
DIPYRONE see: PB1300000
DIPYROXIM see: UU7700500
DIPYROXIME see: UU7700500
DIPYROXIME see: UU7525000
cis-DIPYRROLIDINEDICHLOROPLATINUM (II) see: TP2501000
1,4-DIPYRROLIDINO-2-BUTYNE see: UY0175000
1,4-DIPYRROLIDINYL-2-BUTYNE see: UY0175000
DIPYUDAMINE see: KK7450000
DIQUAT see: JM5690000
DIQUAT DIBROMIDE see: JM5690000
1,3-DIQUINOLIN-6-YLUREA BISMETHOSULFATE see: VC4022500
DIRALGAN see: DH8520000
DIRAME see: UE4526000
DIRAX see: LZ4365000
DIRAX see: YT9275000
DIRECTAKOL BLUE 3BI see: QJ6475000
DIRECT BLACK 3 see: QJ6160000
DIRECT BLACK 3B see: QJ6160000
DIRECT BLACK A see: QJ6160000
DIRECT BLACK BRN see: QJ6160000
DIRECT BLACK CX see: QJ6150000
DIRECT BLACK CXR see: QJ6160000
DIRECT BLACK E see: QJ6160000
DIRECT BLACK EW see: QJ6160000
DIRECT BLACK EX see: QJ6160000
DIRECT BLACK FR see: QJ6160000
DIRECT BLACK GAC see: QJ6160000
DIRECT BLACK GREEN see: QJ6195050
DIRECT BLACK GW see: QJ6160000
DIRECT BLACK GX see: QJ6160000
DIRECT BLACK GXR see: QJ6160000
DIRECT BLACK JET see: QJ6160000
DIRECT BLACK META see: QJ6160000
DIRECT BLACK METHYL see: QJ6160000
DIRECT BLACK N see: QJ6160000
DIRECT BLACK RX see: QJ6160000
DIRECT BLACK SD see: QJ6160000
DIRECT BLACK WS see: QJ6160000
DIRECT BLACK Z see: QJ6160000
DIRECTBLAU 3B see: QJ6475000
DIRECT BLUE 1 see: QJ6430000
DIRECT BLUE 6 see: QJ6400000
DIRECT BLUE 14 see: QJ6475000
DIRECT BLUE 15 see: QJ6420000
DIRECT BLUE A see: QJ6400000
DIRECT BLUE 2B see: QJ6400000
DIRECT BLUE 3B see: QJ6475000
DIRECT BLUE 6B see: QJ6430000
DIRECT BLUE BB see: QJ6400000
DIRECT BLUE 6BS see: QJ6430000
DIRECT BLUE 3BX see: QJ6475000
DIRECT BLUE D3B see: QJ6475000
DIRECT BLUE FF see: QJ6430000
DIRECT BLUE FFN see: QJ6430000
DIRECT BLUE FFN see: QJ6475000
DIRECT BLUE 10G see: QJ6420000
DIRECT BLUE GS see: QJ6400000
DIRECT BLUE H3G see: QJ6475000
DIRECT BLUE HH see: QJ6420000
DIRECT BLUE K see: QJ6400000
DIRECT BLUE M3B see: QJ6475000
DIRECT BORDEAUX BF see: QK1296000
DIRECT BRIGHT BLUE see: QJ6430000
DIRECT BRILLIANT BLUE FF see: QJ6430000
DIRECT BRILLIANT BLUE MFF see: QJ6430000
DIRECT BRILLIANT SKY BLUE 6B see: QJ6430000
DIRECT BRILLIANT VIOLET 2R see: QK1420000
DIRECT BROWN 95 see: GL7375000
DIRECT BROWN BR see: SS7700000
DIRECT BROWN BRL see: GL7375000
DIRECT BROWN GG see: SS7700000
DIRECT DARK GREEN A see: QJ6195050
DIRECT DARK GREEN B see: QJ6195050
DIRECT DARK GREEN BF see: QJ6195050
DIRECT DARK GREEN BG see: QJ6195050
DIRECT DARK GREEN MB see: QJ6195050
DIRECT DARK GREEN S see: QJ6195050
DIRECT DARK GREEN SUPRA see: QJ6195050
DIRECT DARK GREEN [illegible]S see: QJ6195050
DIRECT DEEP BLACK [illegible] see: QJ6160000
DIRECT DEEP BLACK [illegible]AC see: QJ6160000
DIRECT DEEP BLA[illegible]EA-CF see: QJ6160000
DIRECT DEEP BLA[illegible]E EXTRA see: QJ6160000
DIRECT DEEP BLA[illegible]EW see: QJ6160000
DIRECT DEEP BLACK EX see: QJ6160000
DIRECT DEEP GREEN A see: QJ6195050
DIRECT FAST BROWN BRL see: GL7375000
DIRECT FAST BROWN LMR see: GL7375000
DIRECT FAST SCARLET 3B see: QJ6476000
DIRECT FAST VIOLET MN see: QK1420000
DIRECT FAST VIOLET N see: QK1420000
DIRECT FAST YELLOW A see: GD0197800
DIRECT FAST YELLOW AC see: GD0197800
DIRECT FAST YELLOW R see: GD0197800
DIRECT GOLDEN YELLOW 2G see: GD0197800
DIRECT GREEN WAC see: QJ6195050
DIRECT LIGHT BROWN BRS see: GL7375000
DIRECT ORANGE G see: GD0197800
DIRECT PURE BLUE see: QJ6420000
DIRECT PURE BLUE 6B see: QJ6430000
DIRECT PURE BLUE FF see: QJ6430000
DIRECT PURE BLUE M see: QJ6420000
DIRECT PURPURINE 4B see: QK1765000
DIRECT PURPURINE M4B see: QK1765000
DIRECT RED 2 see: QK1765000
DIRECT RED 28 see: QK1400000
DIRECT RED 39 see: QJ6476000
DIRECT RED 4A see: QK1765000
DIRECT RED 4B see: QK1765000
DIRECT RED C see: QK1400000
DIRECT RED DCB see: QK1765000
DIRECT RED DC-CF see: QK1400000
DIRECT RED K see: QK1400000
DIRECT RUBINE R see: QK1296000
DIRECT SCARLET 3BS see: QJ6476000
DIRECT SKY BLUE A see: QJ6420000
DIRECT SKY BLUE 6B see: QJ6430000
DIRECT SKY BLUE 6BS see: QJ6430000
DIRECT SKY BLUE FF see: QJ6430000
DIRECT SKY BLUE GREEN SHADE see: QJ6430000
DIRECT SKY BLUE GS see: QJ6430000
DIRECT SUPRA LIGHT BROWN ML see: GL7375000
DIRECT VIOLET C see: QK1420000
DIRECT VIOLET FR see: QK1420000
DIRECT VIOLET N see: QK1420000
DIRECT VIOLET R see: QK1420000
DIRECT YELLOW A see: GD0197800
DIRECT YELLOW F see: GD0197800
DIRECT YELLOW G see: GD0197800
DIRECT YELLOW II see: GD0197800
DIRECT YELLOW K see: GD0197800
DIRECT YELLOW MR see: GD0197800
DIRECT YELLOW RN see: GD0197800
DIRECT YELLOW STILBENE see: GD0197800
DIRECT YELLOW T see: GD0197800
DIRECT YELLOW TG see: GD0197800
DIREKTAN see: QT0525000
DIREMA see: DK9100000
DIREN see: UO3470000
DIREX 4L see: YS8925000
DIREZ see: XY7175000
DIRIAN see: VN8230000
DIRIDONE see: US7700000
DIRIDONE see: US7875000
DIRIMAL see: WO9350000
DIRNATE see: DH6820000
DIROX see: AE4200000
DISALUNIL see: DK9100000
DISAN see: TE0250000
DISAPOL M see: TR0400000
DISATABS TABS see: VH6750000
DISCOLITE see: PB0380000

JM9151000 DISELENIDE, BIS(2,2-DIETHOXYETHYL)-
UPDT.8104 MW: 392.30 MOLFM: C12-H26-O4-Se2
SYN: BIS(2,2-DIETHOXYETHYL)DISELENIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1800 ug/kg CSLNX* NX#09262
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
DISELENIDE, DIBUTYL- (9CI) see: EQ0415000

JM9152500 DISELENIDE, DIPHENYL-
UPDT.7905 CAS: 1666-13-3 MW: 312.14 MOLFM: C12-H10-Se2
SYN: BIS(PHENYLSELENIDE) * PHENYL DISELENIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:28 mg/kg CSLNX* NX#05657
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DISELENIDE, DIPROPYL- (9CI) see: UI9810000
3,3'-DISELENODIALANINE see: AY6030000
beta,beta'-DISELENODIPROPIONIC ACID, SODIUM SALT see: UF2290000
DISELENO SALICYLIC ACID see: DG9600000
DISEPRON see: XI2277500
DISEPTAL see: WP3870000
DISEPTAL A see: WP3870000
DISETIL see: JO1225000
DISFLAMOLL TKP see: TD0175000

BEST COPY AVAILABLE

DISFLAMOLL TOF see: MP0770000

JM9210000 DISILAZANE, 1,3-BIS(CHLOROMETHYL)-1,1,3,3-TETRAMETHYL-
UPDT:8401 CAS: 14579-91-0 MW: 230.32 MOLFM: C6-H17-Cl2-N-Si2
SYN: 1,3-BIS(CHLOROMETHYL)-1,1,3,3-TETRAMETHYLDISILAZANE * SILANAMINE, 1-(CHLOROMETHYL)-N-((CHLOROMETHYL)DIMETHYLSILYL)-1,1-DIMETHYL-
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:40 mg/kg/1 JNCIAM 54,495,75
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:250 mg/kg StoGD# 27May75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JM9230000 DISILAZANE, 1,1,1,3,3,3-HEXAMETHYL-
UPDT:8401 CAS: 999-97-3 MW: 161.44 MOLFM: C6-H19-N-Si2
SYN: HEXAMETHYLDISILAZANE * HMDS
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:1 gm/kg/1 JNCIAM 54,495,75
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:650 mg/kg StoGD# 27May75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JM9237000 DISILOXANE, HEXAMETHYL-
UPDT:8305 CAS: 107-46-0 MW: 162.42 MOLFM: C6-H18-O-Si2
SYN: DOW CORNING 200 * HEXAMETHYLDISILOXANE * OXYBIS(TRIMETHYLSILANE) * SILANE, OXYBIS(TRIMETHYL-
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD 28ZPAK -,219,72
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:4500 mg/kg RCRVAB 38,975,69
orl-gpg LDLo:50 gm/kg JIHTAB 30,332,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DISILVER OXALATE see: RO2900000
DISILVER OXIDE see: VW4900000
DISILYN see: BO7175000
DISIPAL HYDROCHLORIDE see: KR6300000
DI-SIPIDIN see: RS7534000
DIS-NOGALAMYCINIC ACID see: KD1146020
DISNOGAMYCIN see: KD1146500
DISOAMYL PHTHALATE see: TI1320000
DISODIUM ADENOSINE TRIPHOSPHATE see: AU7417000
DISODIUM ADENOSINE 5'-TRIPHOSPHATE see: AU7417000
DISODIUM N,N'-ADIPHYLBIS(3-AMINO-2,4,6-TRIIODOBENZOIC ACID see: DG0950000
DISODIUM AMP see: AU7481600
DISODIUM 5'-AMP see: AU7481600
DISODIUM ARSENATE see: CG0875000
DISODIUM ARSENATE, HEPTAHYDRATE see: CG0900000
DISODIUM ARSENIC ACID see: CG0875000
DISODIUM ARSONATE HEPTAHYDRATE see: CH9493500
DISODIUM ATP see: AU7417000
DISODIUM CARBENICILLIN see: ON9105000
DISODIUM CARBONATE see: VZ4050000
DISODIUM CHROMATE see: GB2955000
DISODIUM CINNAMYLIDENE BISULFITE deriv. of SULFAPYRIDINE see: TZ2575000
DISODIUM CUPRIC EDTA see: GS2169100
DISODIUM DEXAMETHASONE PHOSPHATE see: TU4056000
DISODIUM DIACID ETHYLENEDIAMINETETRAACETATE see: AH4375000
DISODIUM 3,3'-DIAMINO-4,4'-DIHYDROXYARSENOBENZENE-N,N'-DIMETHYLENEBISULFITE see: PB1400000
DISODIUM 3,3'-DIAMINO-4,4'-DIHYDROXYARSENOBENZENE-N-DIMETHYLENESULFONATE see: PB1400000
DISODIUM p,p'-DIAMINODIPHENYLSULFONE-N,N'-DIGLUCOSE SULFONATE see: LZ8100000
DISODIUM 2,7-DIBROM-4-HYDROXY-MERCURI-FLUORESCEIN see: LM5250000
DISODIUM 2',7'-DIBROMO-4'-(HYDROXYMERCURY)FLUORESCEIN see: LM5250000
DISODIUM DICHROMATE see: HX7700000
DISODIUM DIFLUORIDE see: WB0350000
DISODIUM 1,4-DIHYDRO-3,5-DIIODO-1-METHYL-4-OXO-2,6-PYRIDINEDICARBOXYLATE see: US7970000
DISODIUM DIHYDROGEN ATP see: AU7417000
DISODIUM DIHYDROGEN ETHYLENEDIAMINETETRAACETATE see: AH4375000
DISODIUM DIHYDROGEN(ETHYLENEDINITRILO)TETRAACETATE see: AH4375000
DISODIUM (2,4-DIMETHYLPHENYLAZO)-2-HYDROXYNAPHTHALENE-3,6-DISULFONATE see: QJ6825000
DISODIUM (2,4-DIMETHYLPHENYLAZO)-2-HYDROXYNAPHTHALENE-3,6-DISULPHONATE see: QJ6825000
DISODIUM DIOXIDE see: WD3450000
DISODIUM DISILICATE see: VV9275100
DISODIUM 4,4'-DISULFOXYDIPHENYL-(2-PYRIDYL)METHANE see: SM8720000
DISODIUM EDATHAMIL see: AH4375000
DISODIUM EDETATE see: AH4375000
DISODIUM EDTA see: AH4375000
DISODIUM 3,6-ENDOXOHEXAHYDROPHTHALATE see: RN8225000
DISODIUM EOSIN see: LM5850000
DISODIUM 3,6-EPOXYCYCLOHEXANE-1,2-DICARBOXYLATE see: RN8225000
DISODIUM ETHYLENEBIS(DITHIOCARBAMATE) see: FA6825000
DISODIUM ETHYLENE-1,2-BISDITHIOCARBAMATE see: FA6825000
DISODIUM ETHYLENEDIAMINETETRAACETATE see: AH4375000
DISODIUM ETHYLENEDIAMINETETRAACETIC ACID see: AH4375000
DISODIUM (ETHYLENEDINITRILO)TETRAACETATE see: AH4375000
DISODIUM (ETHYLENEDINITRILO)TETRAACETIC ACID see: AH4375000
DISODIUM FLUOROPHOSPHATE see: TE6130000
DISODIUM FOSFOMYCIN see: SZ7902000
DISODIUM GLYCYRRHIZINATE see: LZ6460000
DISODIUM GMP see: MF9290000
DISODIUM 5'-GMP see: MF9290000
DISODIUM 5'-GUANYLATE see: MF9290000
DISODIUM 5'-GUANYLATE mixed with DISODIUM 5'-INOSINATE (1:1) see: MF8200000
DISODIUM HEXAFLUOROSILICATE see: VV8410000
DISODIUM HEXAFLUOROSILICATE (2-) see: VV8410000
DISODIUM HYDROGEN ARSENATE see: CG0875000
DISODIUM HYDROGEN ORTHOARSENATE see: CG0875000
DISODIUM HYDROGEN PHOSPHATE see: WC4500000
DISODIUM 6-HYDROXY-3-OXO-9-XANTHENE-o-BENZOATE see: LM5425000
DISODIUM 3-HYDROXY-4-((2,4,5-TRIMETHYLPHENYL)AZO)-2,7-NAPHTHALENEDISULFONATE see: QJ6650000
DISODIUM 3-HYDROXY-4-((2,4,5-TRIMETHYLPHENYL)AZO)-2,7-NAPHTHALENEDISULFONIC ACID see: QJ6650000
DISODIUM 3-HYDROXY-4-((2,4,5-TRIMETHYLPHENYL)AZO)-2,7-NAPHTHALENEDISULPHONATE see: QJ6650000
DISODIUM 3-HYDROXY-4-((2,4,5-TRIMETHYLPHENYL)AZO)-2,7-NAPHTHALENEDISULPHONIC ACID see: QJ6650000
DISODIUM IMP see: NM7519500
DISODIUM INDIGO-5,5-DISULFONATE see: DU3000000
DISODIUM INOSINATE see: NM7519500
DISODIUM 5'-INOSINATE see: NM7519500
DISODIUM 5'-INOSINATE mixed with DISODIUM 5'-GUANYLATE (1:1) see: MF8200000
DISODIUM INOSINE 5'-MONOPHOSPHATE see: NM7519500
DISODIUM INOSINE 5'-PHOSPHATE see: NM7519500
DISODIUM METASILICATE see: VV9275000
DISODIUM METHANEARSENATE see: PA2275000
DISODIUM METHANEARSONATE see: PA2275000
DISODIUM METHOTREXATE see: MA1232000
DISODIUM METHYLARSENATE see: PA2275000
DISODIUM METHYLARSONATE see: PA2275000
DISODIUM N-METHYL-3,5-DIIODO-4-PYRIDONE-2,6-DICARBOXYLATE see: US7970000
DISODIUM MOLYBDATE see: QA5075000
DISODIUM MOLYBDATE DIHYDRATE see: QA5085000
DISODIUM MONOFLUOROPHOSPHATE see: TE6130000
DISODIUM MONOHYDROGEN ARSENATE see: CG0875000
DISODIUM MONOHYDROGEN PHOSPHATE see: WC4500000
DISODIUM MONOMETHYLARSONATE see: PA2275000
DISODIUM MONOSILICATE see: VV9275000
DISODIUM MONOXIDE see: WC4800000
DISODIUM MYCOPHENOLATE see: MP8055000

JN4950000 DISODIUM OCTABORATE, TETRAHYDRATE
UPDT:8309 CAS: 12008-41-2 MW: 412.54 MOLFM: B8-Na2-O13-4H2-O
SYN: POLYBOR * POLYBOR 3
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg FMCHA2 -,C191,83
orl-gpg LD50:5300 mg/kg ^ ZEAL 5,85,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DISODIUM ORTHOPHOSPHATE see: WC4500000
DISODIUM 7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLATE see: RN8225000
DISODIUM OXIDE see: WC4800000
DISODIUM PEROXIDE see: WD3450000
DISODIUM PEROXYDICARBONATE see: SD9920000
DISODIUM 2-(p-(gamma-PHENYLPROPYLAMINO)BENZENESULFONAMIDO)PYRIDINE see: TZ2575000
DISODIUM PHOSPHATE see: WC4500000
DISODIUM PHOSPHONOMYCIN see: SZ7902000
DISODIUM PHOSPHORIC ACID see: WC4500000
DISODIUM PHOSPHOROFLUORIDATE see: TE6130000
DISODIUM PREDNISOLONE 21-PHOSPHATE see: TU4153300
DISODIUM PYROSULFITE see: UX8225000
DISODIUM 5'-RIBONUCLEOTIDE see: MF8200000
DI-SODIUM SALT of 4,4'-BIS(1,3,5-TRIAZIN-6-YLAMINO)STILBEN-2,2'-DISULFONIC ACID see: WJ6475000
DISODIUM SALT OF EDTA see: AH4375000
DISODIUM SALT of ENDOTHALL see: RN8225000
DISODIUM SALT of 1-INDIGOTIN-5,5'-DISULPHONIC ACID see: DU3000000
DISODIUM SALT of 7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLIC ACID see: RN8225000
DISODIUM SALT of 2-(4-SULPHO-1-NAPHTHYLAZO)-1-NAPHTHOL-4-SULPHONIC ACID see: QK1925000
DISODIUM SALT of 1-p-SULPHOPHENYLAZO-2-NAPHTHOL-6-SULPHONIC ACID see: QK2450000
DISODIUM SALT OF 1-(2,4-XYLYLAZO)-2-NAPHTHOL-3,6-DISULFONIC ACID see: QJ6825000
DISODIUM SALT OF 1-(2,4-XYLYLAZO)-2-NAPHTHOL-3,6-DISULPHONIC ACID see: QJ6825000
DISODIUM SELENATE see: VS6650000
DISODIUM SELENITE see: VS7350000
DISODIUM SEQUESTRENE see: AH4375000
DISODIUM SILICATE see: VV9275100
DISODIUM SILICOFLUORIDE see: VV8410000
DISODIUM SULBENICILLIN see: XH9890000
DISODIUM SULFATE see: WE1650000
DISODIUM SULFATE DECAHYDRATE see: WS8402000
DISODIUM SULFITE see: WE2150000
DISODIUM SULFOBENZYLPENICILLIN see: XH9890000
DISODIUM alpha-SULFOBENZYLPENICILLIN see: XH9890000
DISODIUM 2-(4-SULFO-1-NAPHTHYLAZO)-1-NAPHTHOL-4-SULFONATE see: QK1925000
DISODIUM 2-(4-SULPHO-1-NAPHTHYLAZO)-1-NAPHTHOL-4-SULPHONATE see: QK1925000
DISODIUM TETRACEMATE see: AH4375000
DISODIUM TRISILICATE see: VV9275200
DISODIUM VERSENATE see: AH4375000
DISODIUM VERSENE see: AH4375000
DISOFEN see: SL0750000
DISOLFURO DI TETRAMETILTIOURAME (Italian) see: JO1400000
DISOMAR see: PA2275000
DISOMEAR see: PA2275000
DISOMER MALEATE see: US4026200
7-DIS-O-METHYLNOGAROL see: KD1146700
2,4-D ISOOCTYL ESTER see: AG8575000
DISOPHENOL see: SL0750000
2,4-D, ISOPROPYL ESTER see: AG8750000
DISOPYRAMIDE see: UR8432000
DISOPYRAMIDE PHOSPHATE see: UR8440000
DISORAT see: UB6500000
DISOTAT see: AG6475000
DISPADOL see: NS5950000
DISPAS see: DT7361000
DISPAL ALUMINA see: BD1200000
DISPAL M see: BD1200000
DISPAMIL see: NW8575000
DISPARICIDA see: CF8400000
DISPERMINE see: TK7800000
DISPERSE BLUE 1 see: CB0540000
DISPERSE BLUE NO 1 see: CB0540000
DISPERSED BLUE 12195 see: BQ4725000
DISPERSED ORANGE 11348 see: QK2450000
DISPERSED VIOLET 12197 see: BQ1140000
DISPERSED YELLOW 12116 see: QK2450000
DISPERSE FAST YELLOW G see: AC3662000
DISPERSE MB-61 see: GP3150000
DISPERSE ORANGE see: CB5740000
DISPAL see: BD1200000
DISPERSE YELLOW 3 see: AC3662000
DISPERSE YELLOW G see: AC3662000
DISPERSE YELLOW Z see: AC3662000
DISPERSE YELLOW 6Z see: CX5083000
DISPERSOL FAST YELLOW G see: AC3662000

BEST COPY AVAILABLE

DISPERSOL PRINTING YELLOW G see: AC3662000
DISPERSOL RED PP see: QL5775000
DISPERSOL YELLOW A-G see: AC3662000
DISPERSOL YELLOW PP see: QL4900000
DISPEX C40 see: AT4680000
DISPOSLIPS see: TR8090000
DISSOLVANT APV see: ID5950000
DISTAKAPS V-K see: XH9275000
DISTAMYCIN A see: WZ7108000
DISTAMYCIN A HYDROCHLORIDE see: WZ7110000

JN8730000 DISTANNANE, HEXAISOPROPYL-
UPDT:7903 CAS: 3750-18-3 MW: 580.16 MOLFM: C24-H54-Sn2
SYN: BIS(TRIISOBUTYLSTANNANE) * HEXAISOBUTYLDITIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg CSLNX* NX#05529
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

DISTANNANE, HEXAMETHYL- (BCI,9CI) see: WH8280000

JN8735000 DISTANNOXANE, 1,3-BIS(DIBUTYLDICHLORO)-
UPDT:7901 CAS: 10428-19-0 MW: 552.80 MOLFM: C16-H36-Cl2-O-Sn2
SYN: TETRABUTYL DICHLORO STANNOXANE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg CSLNX* NX#00183
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JN8737000 DISTANNOXANE, BIS(1,3-DITHIOCYANATO-1,1,3,3-TETRABUTYL-
UPDT:7901 CAS: 38998-91-3 MW: 1196.12 MOLFM: C36-H72-N4-O2-S4-Sn4
SYN: BIS(1,3-DITHIOCYANATO-1,1,3,3-TETRABUTYLDISTANNOXANE) * DI-mu (THIOCYANATODI-n-BUTYLSTANNYLOXO)BIS(THIOCYANATODI-n-BUTYLTIN)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#03006
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

JN8738000 DISTANNOXANE, 1,3-BIS(2,4,5-TRICHLOROPHENOXY)-1,1,3,3-TETRABUTYL-
UPDT:7901 CAS: 74007-80-0 MW: 874.76 MOLFM: C28-H40-Cl6-O3-Sn2
SYN: 1,3-BIS(2,4,5-TRICHLOROPHENOXY)-1,1,3,3-TETRABUTYLDISTANNOXANE * OXYBIS(DIBUTYL(2,4,5-TRICHLOROPHENOXY)TIN) * STANNANE, OXYBIS(DIBUTYL(2,4,5-TRICHLOROPHENOXY)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#03082
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

JN8740000 DISTANNOXANE, 1,3-DIACETOXY-1,1,3,3-TETRABUTYL-
UPDT:7908 CAS: 5967-09-9 MW: 600.00 MOLFM: C20-H42-O5-Sn2
SYN: BIS(ACETOXYDIBUTYLSTANNANE) OXIDE * BIS(DIBUTYLACETOXYTIN)OXIDE * DIACETOXYTETRABUTYLDISTANNOXANE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 mg/kg CSLNX* NX#02081
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JN8750000 DISTANNOXANE, HEXABUTYL-
UPDT:8408 CAS: 56-35-9 MW: 596.16 MOLFM: C24-H54-O-Sn2
SYN: BIOMET TBTO * BIS-(TRI-n-BUTYLCIN)OXID (Czech) * BIS(TRIBUTYLOXIDE) of TIN * BIS(TRIBUTYLSTANNYL)OXIDE * BIS(TRIBUTYLTIN)OXIDE * BIS(TRI-n-BUTYLZINN) OXYD (German) * BTO * BUTINOX * C-Sn-9 * ENT 24,979 * HEXABUTYLDISTANNOXANE * HEXABUTYLDITIN * KYSLICNIK TRI n-BUTYLCINICITY (Czech) * LS. 3394 * OTBE (French) * OXYBIS(TRIBUTYLTIN) * OXYDE DE TRIBUTYLETAIN * STANNANE, TRI-n-BUTYL- OXIDE * TBOT * TBTO * TIN, BIS(TRIBUTYL)- OXIDE * TIN, OXYBIS(TRIBUTYL * TRIBUTYLTIN OXIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 50 ug/24H SEV 28ZPAK -,232,72
eye-rbt 460 ug BJIMAG 26,165,69
TOXICITY DATA AND REFERENCES:
orl-rat LD50:87 mg/kg MarJV# 29MAR77
skn-rat LD50:11700 mg/kg PCOC** -,1150,66
3C08F01F07 ipr-rat LD50:7210 ug/kg FCTXAV 7,47,69
scu-rat LD50:11700 mg/kg TRIPA7 -,1,73
orl-mus LD50:55 mg/kg GISAAA 41(5),10,76
ipr-mus LD50:16 mg/kg APFRAD 36,569,78
ivn-mus LD50:6 mg/kg EJTXAZ 9,31,76
orl-rbt LDLo:50 mg/kg SAIGBL 15,3,73
skn-rbt LD50:900 mg/kg EJTXAZ 9,31,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73; EQSFAP 4,80,75
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JN8760000 DISTANNOXANE, HEXAETHYL-
UPDT:8004 MW: 427.80 MOLFM: C12-H30-O-Sn2
SYN: HEXAETHYLDISTANNOXANE * 1,1,1,3,3,3-HEXAETHYLDISTANNOXANE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1 mg/kg RPTOAN 42,73,79
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

JN8770000 DISTANNOXANE, HEXAKIS(beta,beta-DIMETHYLPHENETHYL)-
UPDT:8310 CAS: 13356-08-6 MW: 1052.76 MOLFM: C60-H78-O-Sn2
SYN: BENDEX * BIS(TRIS(beta,beta-DIMETHYLPHENETHYL)TIN)OXIDE * BIS(TRIS(2-METHYL-2-PHENYLPROPYL)TIN)OXIDE * DI(TRI-(2,2-DIMETHYL-2-PHENYLETHYL)TIN)OXIDE * ENT 27738 * FENBUTATIN OXIDE * HEXAKIS(beta,beta-DIMETHYLPHENETHYL)-DISTANNOXANE * HEXAKIS (2-METHYL-2-PHENYLPROPYL)-DISTANNOXANE * HEXAKIS(2-METHYL-2-PHENYLPROPYL)DISTANNOXANE * SD 14114 * SMELL SD-14114 * TORQUE * VENDEX
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2630 mg/kg 8SARAE 1,17,77
skn-rat LD50:1000 mg/kg TIUSAD 110,6,76
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JN8790000 DISTANNOXANE, HEXAOCTYL-
UPDT:8004 MW: 932.88 MOLFM: C48-H102-O-Sn2
SYN: HEXAOCTYLDISTANNOXANE * 1,1,1,3,3,3-HEXAOCTYLDISTANNOXANE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2725 mg/kg RPTOAN 42,73,79
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

JN8800000 DISTANNOXANE, 1,1,1,3,3,3-HEXAPROPYL-
UPDT:7901 CAS: 1067-29-4 MW: 511.98 MOLFM: C18-H42-O-Sn2
SYN: BIS(TRIPROPYLTIN)OXIDE * 1,1,1,3,3,3-HEXAPROPYLDISTANNOXANE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5600 ug/kg CSLNX* NX#05791
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JN8830000 DISTANNTHIANE, HEXABUTYL-
UPDT:8004 MW: 612.22 MOLFM: C24-H54-S-Sn2
SYN: HEXABUTYLDISTANNTHIANE * 1,1,1,3,3,3-HEXABUTYLDISTANNTHIANE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:144 mg/kg RPTOAN 42,73,79
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

JN8840000 DISTANNTHIANE, HEXAETHYL-
UPDT:8004 MW: 443.86 MOLFM: C12-H30-S-Sn2
SYN: HEXAETHYLDISTANNTHIANE * 1,1,1,3,3,3-HEXAETHYLDISTANNTHIANE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:7 mg/kg RPTOAN 42,73,79
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

JN8845000 DISTANNTHIANE, HEXAOCTYL-
UPDT:8004 MW: 948.94 MOLFM: C48-H102-S-Sn2
SYN: HEXAOCTYLDISTANNTHIANE * 1,1,1,3,3,3-HEXAOCTYLDISTANNTHIANE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:3069 mg/kg RPTOAN 42,73,79
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

JN8850000 DISTANNTHIANE, 1,1,1,3,3,3-HEXAPHENYL-
UPDT:7902 CAS: 77-80-5 MW: 732.10 MOLFM: C36-H30-S-Sn2
SYN: BIS(TRIPHENYLTIN)SULFIDE * 1,1,1,3,3,3-HEXAPHENYLDISTANNTHIANE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#05814
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

JN8900000 DISTANNTHIANE, HEXAPROPYL-
UPDT:8004 MW: 528.04 MOLFM: C18-H42-S-Sn2
SYN: HEXAPROPYLDISTANNTHIANE * 1,1,1,3,3,3-HEXAPROPYLDISTANNTHIANE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:97 mg/kg RPTOAN 42,73,79
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74

BEST COPY AVAILABLE

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

DISTAQUAINE see: XH9450000
DISTAQUAINE V-K see: XH9275000
DISTAVAL see: TI4375000
DISTAXAL see: TI4375000
DISTEARIN see: RG1925000
DISTEARYL PEROXYDICARBONATE see: SD9870000
DISTEARYL PEROXYDICARBONATE, not more than 85% with STEARYL ALCOHOL (DOT) see: SD9870000
DISTESOL see: YT2800000
DISTESSOL see: YT2800000
DISTHEMIN see: QL3361000
DISTHENE see: BD1450000
DISTILBENE see: WJ5775000
DISTILBENE see: WJ5600000
DISTILLATES (COAL TAR) see: GF8617500
DISTILLATES (COAL TAR), UPPER see: GF8630000
DISTILLED MUSTARD see: WQ0900000
DISTIVIT (B12 PEPTIDE) see: GG3750000
DISTOBRAM see: WK2100000
DISTOKAL see: KI4025000
DISTOL see: AM5075000
DISTOL B see: AM5075000
DISTOPAN see: KI4025000
DISTOPIN see: KI4025000
DISTOVAL see: TI4375000
DISTYLIN see: LK6920000
DISUCCINIC ACID PEROXIDE, maximum concentration 72% (DOT) see: UF2031100
DISUCCINIC ACID PEROXIDE, technical pure (DOT) see: UF2031000
3,4-DISUCCINYLDIANHYDROGALACTITOL see: LW5370000
DISUL see: KI64900000
DISULFAMIDO-DITHENYL-2,2' CETONE (French) see: XN0295000
DISULFAMIDO-2,6 THIOPHENE (French) see: XM9320000
1,3-DISULFAMYL-4,5-DICHLOROBENZENE see: CZ9200000
DISULFAN see: JO1225000

JN9950000 DISULFANILAMIDE, 3,3',5-TRIIODO-, SODIUM SALT
UPDT:8405 MW: 663.94 MOLFM: C12-H10-I3-N3-O4-Na
SYN: SODIUM 3,3',5-TRIIODODISULFANILAMIDE * 3,3',5-TRIIODODISULFANILAMIDE SODIUM SALT
TOXICITY DATA AND REFERENCES:
orl-mus LD50:4000 mg/kg JAPMAB 43,495,54

DISULFATON see: TD9275000
DISULFATOZIRCONIC ACID see: ZH9100000

JO0250000 DISULFIDE, 2-ACETAMIDOETHYL 2-(DECYLAMINO)ETHYL, HYDROCHLORIDE
UPDT:8406 MW: 371.10 MOLFM: C16-H34-N2-O-S2-Cl-H
SYN: 2-ACETAMIDOETHYL 2-(DECYLAMINO)ETHYL DISULFIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:50 mg/kg JMCMAR 10,1166,67

JO0270000 DISULFIDE, 3-ACETAMIDOPROPYL 2-(DECYLAMINO)ETHYL, HYDROCHLORIDE
UPDT:8406 MW: 385.13 MOLFM: C17-H36-N2-O-S2-Cl-H
SYN: 3-ACETAMIDOPROPYL 2-(DECYLAMINO)ETHYL DISULFIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg JMCMAR 10,1166,67

JO0350000 DISULFIDE, ALLYL PROPYL
UPDT:8209 CAS: 2179-59-1 MW: 148.30 MOLFM: C6-H12-S2
SYN: ALLYL PROPYL DISULFIDE
REVIEW AND REFERENCES:
★ TLV-TWA 2 ppm; STEL 3 ppm DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ppm FEREAC 39,23540,74

DISULFIDE, 2-AMINOETHYL GUANIDINOETHYL, HYDRIODIDE see: AE8420000

JO1049000 DISULFIDE, BIS(O,O-DIETHYLPHOSPHINOTHIOYL)
UPDT:8405 MW: 306.34 MOLFM: C8-H20-O4-P2-S2
SYN: BIS(O,O-DIETHYLPHOSPHINOTHIOYL)DISULPHIDE
MUTATION DATA AND REFERENCES:
dns-hmn:oth 33 mg/L MUREAV 122,377,83

JO1050000 DISULFIDE, BIS(DIETHYLPHOSPHINOTHIOYL) mixed with DISULFIDE, BIS(DIISOPROPYLPHOSPHINOTHIOYL) (75%:25%)
UPDT:8307 CAS: 37333-40-7 MW: 797.04 MOLFM: C11-H26-O4-P2-S4 C9-H22-O4-P2-S4
SYN: BIO 1,137 * BIS(DIALKYLPHOSPHINOTHIOYL) DISULFIDES * ENT 23,584 * NIAGARA 1,137 * PHOSTEX
TOXICITY DATA AND REFERENCES:
orl-rat LD50:265 mg/kg TXAPA9 14,515,69
skn-rat LD50:480 mg/kg TXAPA9 14,515,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JO1225000 DISULFIDE, BIS(DIETHYLTHIOCARBAMOYL)
UPDT:8412 CAS: 97-77-8 MW: 296.56 MOLFM: C10-H20-N2-S4
SYN: ABSTENSIL * ABSTINIL * ABSTINYL * ALCOPHOBIN * ALK-AUBS * ANTABUS * ANTABUSE * ANTADIX * ANTAENYL * ANTAETHAN * ANTAETHYL * ANTAETIL * ANTALCOL * ANTETAN * ANTETHYL * ANTETIL * APITEYL * ANTIAETHAN * ANTIETANOL * ANTI-ETHYL * ANTIETIL * ANTIROL * ANTIVITIUM * AVERSAN * AVERZAN * BIS(DIETHYLAMINO)THIOXOMETHYL)DISULPHIDE * BIS(DIETHYLTHIOCARBAMOYL) DISULFIDE * BIS(N,N-DIETHYLTHIOCARBAMOYL) DISULFIDE * BIS(DIETHYLTHIOCARBAMOYL)DISULPHIDE * BIS(N,N-DIETHYLTHIOCARBAMOYL)DISULPHIDE * BONIBAL * CONTRALIN * CONTRAPOT * CRONETAL * DICUPRAL * DISETIL * DISULFAN * DISULFIRAM * DISULFURAM * DISULPHURAM * 1,1'-DITHIOBIS(N,N-DIETHYLTHIOFORMAMIDE) * EKAGOM TEDS * EPHORRAN * ESPENAL * ESPERAL * ETABUS * ETHYLDITHIOURAME * ETHYLDITHIURAME * ETHYL THIRAM * ETHYL THIUDAD * ETHYL THIURAD * ETHYL TUADS * ETHYL TUEX * EXHORAN * EXHORRAN * FORMAMIDE, 1,1'-DITHIOBIS(N,N-DIETHYLTHIO- * HOCA * KROTENAL * MCI-C02955 * NOCBIN * NOXAL * REFUSAL * RO-SULFIRAM * STOPAETHYL * STOPETHYL * STOPETYL * TATD * TENURID * TENUTEX * TETD * TETIDIS * TETRADIN * TETRADINE * TETRAETHYLTHIOPEROXYDICARBONIC DIAMIDE * TETRAETHYLTHIRAM DISULPHIDE * TETRAETHYLTHIURAM * TETRAETHYLTHIURAM DISULFIDE * TETRAETHYLTHIURAM DISULPHIDE * N,N,N',N'-TETRAETHYLTHIURAM DISULPHIDE * TETRAETIL * TETURAM * TETURAMIN * THIOSAN * THIOSCABIN * THIRERANIDE * THIURAM E * THIURAM DISULFIDE, TETRAETHYL- * THIURANIDE * TILLRAM * TIURAM * TTD * TTS * TUADS, ETHYL
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD FCTOD7 20,573,82
MUTATION DATA AND REFERENCES:
mmo-sat 25 ug/plate CBINA8 49,329,84
dni-ckn:emb 120 nmol/L BBACAQ 519,65,78
oms-ckn:emb 120 nmol/L BBACAQ 519,65,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 orl-rat TDLo:5 gm/kg (3-12D preg) JRPFA4 39,375,74
3T26T31T34 scu-mus TDLo:1278 mg/kg (6-14D preg) NTIS** PB223-160
2T43T46 scu-mus TDLo:1278 mg/kg (6-14D preg) NTIS** PB223-160
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-mus TDLo:35 gm/kg/78W-I NTIS** PB223-159
3V02J60P60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:160 mg/kg BMJOAE 2,94,77
3F19U26C08 orl-rat LD50:1300 mg/kg APTOA6 8,305,52
" orl-mus LD50:1980 mg/kg AIPTAK 112,36,57
ipr-mus LD50:75 mg/kg NTIS** AD691-490
orl-rbt LD50:2050 mg/kg INMEAF 16,473,47
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 2,365,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 12,85,76
★ TLV-TWA 2 mg/m3; STEL 5 mg/m3 DTLVS* 4,160,80
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-166,79)
★ NIOSH CURRENT INTELLIGENCE BULLETIN 20, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JO1225100 DISULFIDE, BIS(DIETHYLTHIOCARBAMOYL)-, mixed with SODIUM NITRITE
UPDT:8401 MW: 381.56 MOLFM: C10-H20-N2-S4 N-Na-O3
SYN: BIS(DIETHYLTHIOCARBAMOYL)DISULFIDE mixed with SODIUM NITSITE * DISULFIRAM mixed with SODIUM NITRITE * SODIUM NITRITE mixed with BIS(DIETHYLTHIOCARBAMOYL)DISULFIDE * SODIUM NITRITE mixed with DISULFIRAM
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:164 gm/kg/78W-C FCTXAV 18,85,80
3V03D09K60 orl-rat TD :197 gm/kg/78W-C FCTXAV 18,85,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JO1400000 DISULFIDE, BIS(DIMETHYLTHIOCARBAMOYL)
UPDT:8411 CAS: 137-26-8 MW: 240.44 MOLFM: C6-H12-N2-S4
SYN: AATACK * ACCELERATOR THIURAM * ACETO TETD * ARASAN * ARASAN 70 * ARASAN 75 * ARASAN-M * ARASAN 42-S * ARASAN-SF * ARASAN-SF-K * AULES * BIS((DIMETHYLAMINO)CARBONOTHIOYL) DISULPHIDE * BIS(DIMETHYL THIOCARBAMOYL) DISULFID (German) * BIS(DIMETHYLTHIOCARBAMOYL) DISULFIDE * BIS(DIMETHYLTHIOCARBAMOYL) DISULPHIDE * BIS(DIMETHYLTHIOCARBAMOYL) DISULFIDE * CHIPCO THIRAM 75 * CYURAM DS * DISOLFURO DI TETRAMETILTIOURAME (Italian) * DISULFURE DE TETRAMETHYLTHIOURAME (French) * alpha,alpha'-DITHIOBIS(DIMETHYLTHIO)FORMAMIDE * N,N'-(DITHIODICARBONOTHIOYL)BIS(N-METHYLMETHANAMINE) * EXAGOM TB * FALITIRAM * FERMIDE * FERNACOL * FERNASAN * FERNASAN A * FERNIDE * FLO PRO T SEED PROTECTANT * FORMAMIDE, 1,1'-DITHIOBIS(N,N-DIMETHYLTHIO- * HERMAL * HERMAT TMT * HERYL * HEXATHIR * KREGASAN * MERCURAM * METHYL THIRAM * METHYL THIURAMDISULFIDE * METHYL TUADS * NA 2771 (DOT) * NOBECUTAN * NOMERSAN * NORMERSAN * PANORAM 75 * POLYRAM ULTRA * POMARSOL * POMARSOL FORTE * POMASOL * PURALIN * RCRA WASTE NUMBER U244 * REZIFILM * ROYAL TMTD * SADOPLON * SPOTRETE * SPOTRETE-F * SQ 1489 * TERAMETHYL THIURAM DISULFIDE * TERSAN * TERSAN 75 * TETRAMETHYLDIURANE SULPHITE * TETRAMETHYLENETHIURAM DISULPHIDE * TETRAMETHYLTHIOCARBAMOYLDISULPHIDE * TETRA-(ETHYLTHIOPEROXYDICARBONIC DIAMIDE * TETRAMETHYLTHIORAMDISULFIDE (Dutch) * TETRAMETHYL-THIRAM DISULFID (German) * TETRAMETHYLTHIURAM * TETRAMETHYLTHIURAM BISULFIDE * TETRAMETHYLTHIURAM BISULPHIDE * TETRAMETHYLTHIURAM DISULFIDE * TETRAMETHYLTHIURAM DISULPHIDE * N,N-TETRAMETHYLTHIURAM DISULPHIDE * N,N,N',N'-TETRAMETHYLTHIURAM DISULFIDE * TETRAMETHYLTHIURAN DISULPHIDE * TETRAMETHYL THIURANE DISULFIDE * TETRAMETHYLTHIURANE DISULPHIDE * TETRAMETHYLTHIURUM DISULFIDE * TETRAMETHYLTHIURUM DISULPHIDE * TETRAPOM * TETRASIPTON * TETRATHIURAM DISULFIDE * TETRATHIURAM DISULPHIDE * THILLATE * THIMER * THIOPEROXYDICARBONIC DIAMIDE, TETRAMETHYL- * THIOSAN * THIOTEX * THIOTOX * THIRAM * THIRAM 75 * THIRAMAD * THIRAM B * THIRAM (DOT) * THIRAME (French) * THIRASAN * THIULIX * THIURAD * THIURAM * THIURAM D * THIURAM DISULFIDE, TETRAMETHYL- * THIURAMIN * THIURAM M * THIURAM M RUBBER ACCELERATOR * THIURAMYL * THYLATE * TIRAMPA * TIURAM (Polish) * TIURAMYL * TMTD * TMTDS * TRAMETAN * TRIDIPAM * TRIPOMOL * TTD * TUADS * TUEX * TULISAN * USAF B-30 * USAF EK-2089 * USAF P-5 * VANCIDA TM-95 * VANCIDE TM * VUAGT-1-4 * VULCAFOR TMTD * VULKACIT MTIC
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 68,9,79
mma-sat 5 ug/plate MUREAV 68,313,79
dnr-sat 50 ug/plate MUREAV 89,1,81
pic-esc 1 ng/tube MUREAV 89,1,81
mrc-bcs 2 ng/disc/24H MUREAV 40,19,76
mma-omi 1000 ppm MMAPAP 50,233,73
mma-asn 500 ng/plate MUREAV 89,1,81
cyt-asn 20 ppm MUREAV 89,297,81
spm-mus-ipr 100 mg/kg PMRSDJ 2,79,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T24T25T26 orl-rat TDLo:1200 mg/kg (7-12D preg) TXAPA9 35,83,76
3T34T35T39 orl-rat TDLo:300 mg/kg (15D preg) GISAAA 43(6),37,78
1T81 orl-rat TDLo:1190 mg/kg (16-22D preg/21D post) TXAPA9 35,83,76
1T85 orl-rat TDLo:550 mg/kg (1-22D preg) AEEDDS 2,215,76
2T43T46 orl-mus TDLo:100 mg/kg (6-15D preg) ATXKA8 30,251,73
1T25 orl-mus TDLo:300 mg/kg (6-15D preg, ATXKA8 30,251,73
3T24T26T31 scu-mus TDLo:90 mg/kg (6-14D preg) NTIS** PB223-160
1T34 scu-mus TDLo:1035 mg/kg (6-14D preg) NTIS** PB223-160
1T46 orl-ham TDLo:125 mg/kg (7D preg) TXAPA9 15,152,69
1T43 orl-ham TDLo:250 mg/kg (8D preg) TXAPA9 15,152,69
1T45 orl-ham TDLo:250 mg/kg (7D preg) TXAPA9 15,152,69
1T41 orl-ham TDLo:300 mg/kg (7D preg) TXAPA9 15,152,69
1T81 orl-mam TDLo:848 mg/kg (60D pre/1-53D preg) TOXID9 4,20,84
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:108 mg/kg/1Y-C RPZHAW 31,67,80
3V03J60P60 scu-mus TDLo:46 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
3D25G30J02 ihl-hmn TCLo:30 ug/m3/5Y-I VRDEA5 (10),136,71
orl-rat LD50:560 mg/kg TXAPA9 11,546,67
" unr-rat LD50:800 mg/kg GTPZAB 26(6),21,82
orl-mus LD50:1350 mg/kg HYSAAV 29,37,64
" ipr-mus LD50:70 mg/kg NIIRDN 6,566,82
orl-cat LDLo:230 mg/kg JPETAB 17,349,21
orl-rbt LD50:210 mg/kg INMEAF 16,473,47
" skn-rbt LDLo:1 gm/kg 85GMAT -,110,82
" unr-rbt LD50:210 mg/kg VETNAL 54(2),70,78
" unr-ckn LD50:840 mg/kg VETNAL 54(2),70,78
" unr-dom LD50:225 mg/kg VETNAL 54(2),70,78
" unr-mam LD50:400 mg/kg GISAAA 45(5),29,80
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CNDQA8 10(3),43,75
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 12,225,76
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 12,225,76
★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 DTLVS* 4,397,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg/m3 (SCP-R) FEREAC 39,23540,74
★ DOT-HAZARD:CRM-A; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5005
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

DISULFIDE, BIS(DIMETHYLTHIOCARBAMOYL)- and IRON, NITROSOTRIS(DIMETHYLDITHIOCARBAMATO)- see: NO7250000
DISULFIDE, BIS(2-(4-METHYL-1-PIPERAZINYL)ETHYL)-, HYDROCHLORIDE see: TL6781500
DISULFIDE, BIS(2-(3-METHYLPIPERIDINO)ETHYL)-, DIHYDROCHLORIDE see: TM7930000
DISULFIDE, BIS(2-MORPHOLINOETHYL)-, DIHYDROCHLORIDE see: QE3350000

JO1530000 DISULFIDE, BIS(MORPHOLINOTHIOCARBONYL)
UPDT:8401 CAS: 729-46-4 MW: 324.52 MOLFM: C10-H16-N2-O2-S4
SYN: BIS(MORPHOLINOTHIOCARBONYL)DISULFIDE * DIMORPHOLINETHIURAM DISULFIDE * MORPHOLINE, 4,4'-(DITHIODICARBONOTHIOYL)BIS- (9CI) * 4-MORPHOLINETHIOCARBONYL DISULFIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3250 mg/kg AIPTAK 112,36,57

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
DISULFIDE, BIS(2-(1-PHENYLTETRAZOL-5-YLAMINO)ETHYL)- see: XF7471200

JO1585000 DISULFIDE, BIS(PIPERIDINOTHIOCARBONYL)
UPDT:8306 CAS: 94-37-1 MW: 320.58 MOLFM: C12-H20-N2-S4
SYN: BIS(PIPERIDINOTHIOCARBONYL)DISULFIDE * DIPENTAMETHYLENETHIURAM DISULFIDE * PIPERIDINE, 1,1'-(DITHIODICARBONOTHIOYL)BIS- (9CI) * 1-PIPERIDINETHIOCARBONYL DISULFIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2870 mg/kg AIPTAK 112,36,57
DISULFIDE, BIS(2-(3-PYRAZINYLAMINO)ETHYL)- see: UQ3170000
DISULFIDE, BIS(2-(1-PYRROLIDINYL)ETHYL)-, DIHYDROCHLORIDE see: UY1140000

JO1620000 DISULFIDE, BUTYL 1,2,2-TRICHLOROETHYL
UPDT:8309 CAS: 4560-93-4 MW: 253.64 MOLFM: C6-H11-Cl3-S2
SYN: BUTYL 1,2,2-TRICHLOROETHYL DISULFIDE * CHEMAGRO 4537 * ENT 27,274

TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg ARSIM* 20,6,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JO1927500 DISULFIDE, DIMETHYL
UPDT:8411 CAS: 624-92-0 MW: 94.20 MOLFM: C2-H6-S2
SYN: DIMETHYLDISULFIDE * DIMETHYL DISULFIDE (DOT) * UN 2381 (DOT)

TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:15850 ug/m3/2H GTPZAB 16(6),46,72
* ihl-mus LC50:12300 ug/m3/2H GTPZAB 16(6),46,72
* unk-mam LD50:138 mg/kg GTPZAB 16(6),46,72

STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE LIQUID, LABEL-FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT BEHQ-0578-0149
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DISULFIDE, DIMORPHOLINO- see: QE3325000

JO1970000 DISULFIDE, ISOPROPYL 1,2,2-TRICHLOROETHYL
UPDT:8309 CAS: 4095-32-3 MW: 239.61 MOLFM: C5-H9-Cl3-S2
SYN: CHEMAGRO 4649 * DISULFIDE, 1-METHYLETHYL 1,2,2-TRICHLOROETHYL * ENT 27,275 * 1-METHYLETHYL 1,2,2-TRICHLOROETHYL DISULFIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg ARSIM* 20,6,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DISULFIDE, 1-METHYLETHYL 1,2,2-TRICHLOROETHYL see: JO1970000
DISULFINE BLUE VN see: BP6830000
DISULFIRAM see: JO1225000
DISULFIRAM mixed with SODIUM NITRITE see: JO1225100
DISULFO-meso-4,4-DIPHENYLHEXANE DIPOTASSIUM SALT see: DT4391250
DISULFOTON see: TD9275000
DISULFOTON DISULIDE see: TD8600000
DISULFOTON (DOT) see: TD9275000
DISULFOTON SULFOXIDE see: TD8600000
DISULFURAM see: JO1225000
DISULFUR DECAFLUORIDE see: WS4480000
DISULFUR DICHLORIDE see: WS4300000
DISULFURE DE TETRAMETHYLTHIOURAME (French) see: JO1400000
DISULFUR PENTOXYDICHLORIDE see: UX8310000
DISULFURYL CHLORIDE see: UX8310000
DISUL-Na see: KK4900000
DISULONE see: BY8925000
DISULPHINE BLUE VN 150 see: BP6830000
DISULPHINE LAKE BLUE EG see: BQ4550000
DISULPHINE VN see: BP6830000
DISULPHURAM see: JO1225000
DISULPHURIC ACID see: WS5605000
DISUL-SODIUM see: KK4900000
DISYNCRAM see: SP2975000
DISYNCRAN see: SP2975000
DISYNCRAN see: SP3150000
DISYNFORMON see: KG8575000
DI-SYSTON see: TD9275000
DISYSTON S see: TD8600000
DISYSTON SULFOXIDE see: TD8600000
DISYSTON SULPHOXIDE see: TD8600000
DISYSTOX see: TD9275000
DITAB see: SI1400000
DI-TAC see: PA2275000
DITAK see: UO3470000
DITALIMFOS see: TB2050000
DITAVEN see: IH2275000
DITAZOL MONOHYDRATE see: KK7400000
DITEFTIN see: LQ0750000
DITETRADECYL PEROXYDICARBONATE see: SD9950000
DITHALLIUM CARBONATE see: XG4000000
DITHALLIUM SULFATE see: XG6800000
DITHALLIUM(1+) SULFATE see: XG6800000
DITHALLIUM TRIOXIDE see: XG2975000
DITHANE 65 see: ZH3325000
DITHANE A-4 see: CZ7525000
DITHANE A-40 see: FA6825000
DITHANE D-14 see: FA6825000
DITHANE M 22 see: OP0700000
DITHANE M 45 see: ZB3200000
DITHANE M 22 SPECIAL see: OP0700000
DITHANE R-24 see: XZ4150000
DITHANE S 60 see: ZB3200000
DITHANE SPC see: ZB3200000
DITHANE ULTRA see: ZB3200000
DITHANE Z see: ZH3325000
DITHANE Z-78 see: ZH3325000
1,4-DITHIAANTHRAQUINONE-2,3-DICARBONITRILE see: QL0700000
1,4-DITHIAANTHRAQUINONE-2,3-DINITRILE see: QL0700000

JO4924000 1,4-DITHIA-8-AZASPIRO(4.5)DECANE, 8-(2,6-DIAMINO-4-PYRIMIDINYL)-, 1'-OXIDE, HYDROCHLORIDE
UPDT:8303 MW: 335.91 MOLFM: C11-H17-N5-O-S2 Cl-H
SYN: 8-(2,6-DIAMINO-4-PYRIMIDINYL)-1,4-DITHIA-8-AZASPIRO(4.5)DECANE 1'-OXIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:260 mg/kg BCFAAI 121,16,82
(2,4-DITHIABICYCLO(3.2.0)HEPT-3-YLIDENE)MALONIC ACID DIISOPROPYL ESTER see: OO0970000
2,7-DITHIA-5,6-DIAZAOCTANEDITHIOAMIDE, N,N,N',N'-TETRAMETHYL- see: MX8407000
DITHIANE Z-78 see: ZH3325000
DITHIANON see: QL0700000
DITHIANONE see: QL0700000

JO5650000 1,3,2-DITHIARSENOLANE, 2-(p-BIS(2-CHLOROETHYL)AMINOPHENYL)-
UPDT:7903 CAS: 5185-77-3 MW: 384.23 MOLFM: C12-H16-As-Cl2-N-S2
SYN: 2-(p-BIS(2-CHLOROETHYL)AMINOPHENYL) 1,3,2-DITHIARSENOLANE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:15 mg/kg JMCMAR 9,221,66

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

JO5700000 1,3,2-DITHIARSENOLANE, 2-(p-(DIETHYLAMINOPHENYL)-
UPDT:7903 CAS: 5185-78-4 MW: 315.35 MOLFM: C12-H18-As-N-S2
SYN: 2-(p-DIETHYLAMINOPHENYL)-1,3,2-DITHIARSENOLANE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:16 mg/kg JMCMAR 9,221,66

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
1,3,2-DITHIARSENOLE, 2-CHLORODIHYDRO- see: JO6000000
1,3,2-DITHIARSENOLE, 2,2'-(ETHYLENEDITHIO)BIS(DIHYDRO- see: JO6125000

JO6000000 1,3,2-DITHIARSOLANE, 2-CHLORO-
UPDT:7901 CAS: 3741-32-0 MW: 202.55 MOLFM: C2-H4-As-Cl-S2
SYN: 1,3,2-DITHIARSENOLE, 2-CHLORODIHYDRO-

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg NCNSA6 5,13,53

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

JO6100000 1,3,2-DITHIARSOLANE-4,5-DICARBOXYLIC ACID, 2-(p-((4,6-DIAMINO-s-TRIAZIN-2-YL)AMINO)PHENYL)-, DIPOTASSIUM SALT
UPDT:8412 CAS: 13355-00-5 MW: 532.54 MOLFM: C13-H11-As-N6-O4-S2-2K

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 scu-mus TDLo:10 mg/kg (2D male) JTSCDR 3,262,78
1T02 ivn-mus TDLo:10 mg/kg (2D male) JTSCDR 3,262,78
1T02 ims-mus TDLo:10 mg/kg (2D male) JTSCDR 3,262,78
1T02 scu-dog TDLo:10 mg/kg (2D male) JTSDCR 3,262,78
1T02 ivn-dog TDLo:10 mg/kg (2D male) JTSCDR 3,262,78
1T02 ims-dog TDLo:10 mg/kg (2D male) JTSCDR 3,262,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JO6125000 1,3,2-DITHIARSOLANE, 2,2'-(ETHYLENEDITHIO)DI-
UPDT:7901 CAS: 4723-99-3 MW: 454.44 MOLFM: C8-H16-As2-S6
SYN: 1,3,2-DITHIARSENOLE, 2,2'-(ETHYLENEDITHIO)BIS(DIHYDRO- * 2,2'-(ETHYLENEDITHIO)DI-1,3,2-DITHIARSOLANE

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg NCNSA6 5,22,53

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

JO6150000 1,3,2-DITHIASTIBOLANE-4,5-DICARBOXYLIC ACID, 2,2'-((1,2-DICARBOXY-1,2-ETHANEDIYLBIS(THIO)) BIS-, HEXASODIUM SALT
UPDT:8403 CAS: 3064-61-7 MW: 922.04 MOLFM: C12-H12-O12-S6-Sb2-6Na
SYN: ANTIMONY DIMERCAPTOSUCCINATE * ANTIMONY DIMERCAPTOSUCCINATE(IV) * ASTIBAN * RO 4-1344-6 * Sb-38 * SODIUM ANTIMONY 2,3-meso DIMERCAPTOSUCCINATE * STIBOCAPTATE * TWSb * TWSb-6 * WR 7035

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:195 mg/kg CHTHBK 13,339,68
ipr-mus LD50:2500 mg/kg FAZMAE 17,108,73
scu-mus LD50:3787 mg/kg PSEBAA 129,284,68

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

JO6300000 2,6-DITHIA-1,3,5,7-TETRAAZAADAMANTANE, 2,2,6,6-TETRAOXIDE
UPDT:8409 CAS: 80-12-6 MW: 240.28 MOLFM: C4-H8-N4-O4-S2
SYN: 2,6-DITHIA-1,3,5,7-TETRAZATRICYCLO(3.3.1.1(sup 3,7))DECANE-2,2,6,6-TETROXIDE * TETRAMETHYLENEDISULFOTETRAMINE * TETRAMINE

TOXICITY DATA AND REFERENCES:
2B30F12 ipr-rat LD50:4850 mg/kg JAPMAB 46,239,57
* orl-mus LDLo:200 ug/kg DMWCAX 75,183,50
ipr-mus LD50:210 ug/kg JPMSAE 50,858,61
* scu-mus LDLo:100 ug/kg DMWOAX 75,183,50
orl-mam LD50:100 ug/kg PCOC** -,1122,66
2,6-DITHIA-1,3,5,7-TETRAZATRICYCLO(3.3.1.1(sup 3,7))DECANE-2,2,6,6-TETROXIDE see: JO6300000

JO6826000 1,2,4-DITHIAZOL-1-IUM, 3,5-BIS(DIMETHYLAMINO)-, CHLORIDE
UPDT:8402 CAS: 1007-22-3 MW: 225.78 MOLFM: C6-H12-N3-S2-Cl
SYN: 3,5-BIS-DIMETHYLAMINO-1,2,4-DITHIAZOLIUM CHLORIDE * ORF 5513

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rat TDLo:150 ug/kg (3D pre) CCPTAY 21,529,80
1T24 orl-rat TDLo:60 mg/kg (1-6D preg) CCPTAY 21,529,80
1T25 orl-rat TDLo:4 mg/kg (10-13D preg) CCPTAY 21,529,80
1T35 orl-rat TDLo:4 mg/kg (16-19D preg) CCPTAY 21,529,80

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#07197
* orl-qal LD50:24 mg/kg JRPFA4 48,371,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
(+)-alpha-(1-((3,3-DI-3-THIENYLALLYL)AMINO)ETHYL)BENZYL ALCOHOL see: DO5460000
3-(DI(2-THIENYL)METHYLENE)-5-METHYLDECAHYDROQUINOLIZINIUM BROMIDE see: VC8608000
3-(DI-2-THIENYLMETHYLENE)-1-METHYL-PIPERIDINE see: TM7870000
3-(DI-2-THIENYLMETHYLENE)-1-METHYLPIPERIDINE CITRATE see: TM7870500
3-(DI-2-THIENYLMETHYLENE)-5-METHYL-trans-QUINOLIZIDINIUM BROMIDE see: VC8608000
DITHIO see: XN4375000
2,2'-DITHIOBIS(BENZOTHIAZOLE) see: DL4550000
1,1'-DITHIOBIS(N,N-DIETHYLTHIOFORMAMIDE) see: JO1225000
alpha,alpha'-DITHIOBIS(DIMETHYLTHIO)FORMAMIDE see: JO1400000
2,2'-DITHIOBIS(ETHYLAMINE) see: KR7175000
1,1'-DITHIOBISETHYLENEBIS(4-METHYLPIPERAZINE) TETRAHYDROCHLORIDE see: TL6781500
5,5'-DITHIOBIS(ETHYLENEIMINO)BIS(1-PHENYLTETRAZOLE) see: XF7471200
3,3'-DITHIOBIS(ETHYLENEIMINO)DIFYRAZINE see: UQ3170000
3,3'-DITHIOBIS(METHYLENE)BIS(5-HYDROXY-6-METHYL-4-PYRIDINEMETHANOL) DIHYDROCHLORIDE see: UT4900000

BEST COPY AVAILABLE

4,4'-DITHIOBIS(MORPHOLINE) see: QE3325000
DITHIOBISMORPHOLINE see: QE3325000
DITHIOBIS(THIOFORMIC ACID) O,O-DIETHYL ESTER see: LQ7700000
2,5-DITHIOBIUREA see: EC1460000
DITHIOBIURET see: EC1575000
DITHIOCARB see: EZ6475000
DITHIOCARBAMATE see: EZ6475000
DITHIOCARBAMOYLHYDRAZINE see: EC1490000
DITHIOCARBANILIC ACID ETHYL ESTER see: FD8892150
DITHIOCARBANILIC ACID TRIMETHYLSILYL ESTER see: FD8892440
DITHIOCARBONIC ACID O-ALLYL ESTER POTASSIUM SALT see: FG0900000
DITHIOCARBONIC ACID O-BENZYL ESTER POTASSIUM SALT see: FG1100000
DITHIOCARBONIC ACID O-BUTYL ESTER POTASSIUM SALT see: FG1223000
DITHIOCARBONIC ACID O-sec-BUTYL ESTER POTASSIUM SALT see: FG1223050
DITHIOCARBONIC ACID O-CYCLOHEXYL ESTER POTASSIUM SALT see: FG1500000
DITHIOCARBONIC ACID O-DECYL ESTER POTASSIUM SALT see: FG1510000
DITHIOCARBONIC ACID O-HEXYL ESTER POTASSIUM SALT see: FG1580500
DITHIOCARBONIC ACID O-ISOPROPYL ESTER POTASSIUM SALT see: FG1581300
DITHIOCARBONIC ACID O-PENTYL ESTER POTASSIUM SALT see: FG1581900
DITHIOCARBONIC ACID O-METHYL ESTER POTASSIUM SALT see: FG1581700
DITHIOCARBONIC ACID O-OCTYL ESTER POTASSIUM SALT see: FG1581800
DITHIOCARBONIC ACID O-PROPYL ESTER POTASSIUM SALT see: FG1581950
DITHIOCARBONIC ANHYDRIDE see: FF6650000
N-(DITHIOCARBOXY)ALANINE DISODIUM SALT see: AY6040000 ALANINE, N-(DITHIOCARBOXY)-, DISODIUM SALT
L-N-(DITHIOCARBOXY)ALANINE ZINC SALT DIHYDRATE see: AY6044000 ALANINE, N-(DITHIOCARBOXY)-, L-, ZINC SALT, DIHYDRATE
L-N(sup 2)-(DITHIOCARBOXY)ASPARAGINE ZINC SALT HEXAHYDRATE see: CI9080000 ASPARAGINE, N(SUP2)-(DITHIOCARBOXY)-, L-, ZINC SALT, HEXAHYDRATE
L-N-(DITHIOCARBOXY)ASPARTIC ACID TRISODIUM SALT see: CI9450500 ASPARTIC ACID, N-(DITHIOCARBOXY)-, L-, TRISODIUM SALT
DITHIOCARBOXYMETHYL-p-CARBAMIDOPHENYLARSENOUS OXIDE see: MB7750000
L-N-(DITHIOCARBOXY)GLUTAMIC ACID TRISODIUM SALT see: MA1265000 GLUTAMIC ACID, N-(DITHIOCARBOXY)-, L-, TRISODIUM SALT
L-N-(DITHIOCARBOXY)GLUTAMIC ACID ZINC SALT HYDRATE (2:3:2) see: MA1267000 GLUTAMIC ACID, N-(DITHIOCARBOXY)-, L-, ZINC SALT, HYDRATE (2:3:2)
L-N-(DITHIOCARBOXY)GLYCINE ZINC SALT TRIHYDRATE see: MC0355600 GLYCINE, N-(DITHIOCARBOXY)-, L-, ZINC SALT, TRIHYDRATE
L-N-(DITHIOCARBOXY)LEUCINE DISODIUM SALT see: OH3167500 LEUCINE, N-(DITHIOCARBOXY)-, L-, DISODIUM SALT
L-N-(DITHIOCARBOXY)METHIONINE DISODIUM SALT see: PD0715000 METHIONINE, N-(DITHIOCARBOXY)-, L-, DISODIUM SALT
L-N-(DITHIOCARBOXY)-3-PHENYLALANINE DISODIUM SALT see: AY6042000 ALANINE, N-(DITHIOCARBOXY)-3-PHENYL-, L-, DISODIUM SALT
DITHIOCARBOXYPHENYL-p-CARBAMIDOPHENYLARSENOUS OXIDE see: DG3420000
1-(DITHIOCARBOXY)PROLINE ZINC SALT DIHYDRATE see: TW3665000 PROLINE, 1-(DITHIOCARBOXY)-, ZINC SALT, DIHYDRATE
trans-DITHIOCYANATODIAMMINEPLATINUM see: TP2266000
Di-mu-(THIOCYANATODI-n-BUTYLSTANNYLOXO)BIS(THIOCYANATODI-n-BUTYLTIN) see: JN8737000
DITHIODEMETON see: TD9275000
beta,beta'-DITHIODIALANINE see: HA2690000
N,N'-(DITHIODICARBONOTHIOYL)BIS(N-METHYLMETHANAMINE) see: JO1400000
2,2'-DITHIODIETHANOL see: KK7525000
1,1'-DITHIODIETHYLENEBIS(3-(2-(CHLOROETHYL)-3-NITROSOUREA see: YT2150900
1-1,1'-DITHIODIETHYLENEBIS(3-(2-CHLOROETHYL)-3-NITROSOUREA) see: YT2150C100
1,1'-DITHIODIETHYLENEBIS(4-METHYLPIPERAZINE) TETRAHYDROCHLORIDE see: TL6781500
1,1'-DITHIODIETHYLENEBIS(3-METHYLPIPERIDINE) DIHYDROCHLORIDE see: TM7930000
4,4'-DITHIODIETHYLENEDIMORPHOLINE DIHYDROCHLORIDE see: QE3350000
1,1'-DITHIODIETHYLENEDIPYRROLIDINE DIHYDROCHLORIDE see: UY1140000
DITHIODIGLYCOL see: KK7525000
3,3'-DITHIODIMETHYLENEBIS(5-HYDROXY-6-METHYL 4-PYRIDINEMETHANOL) DIHYDROCHLORIDE -(1)HYDRATE see: UT4900000
5,5'-DITHIODIMETHYLENEBIS(2-METHYL-3-HYDROXY-4-HYDROXYMETHYLPYRIDINE)DIHYDROCHLORIDE HYDRATE see: UT4900000
2,2'-DITHIODIMETHYLENEDIPYRAZINE see: UQ3180000
2,2'-DITHIODIMETHYLENEDIPYRIDINE see: UT2965500
2,2'-DITHIODIMETHYLENEDIPYRIDINE 1,1'-DIOXIDE see: UT2967000
N,N-DITHIODIMORPHOLINE see: QE3325000
4,4'-DITHIODIMORPHOLINE see: QE3325000
DITHIODIPHOSPHORIC ACID, TETRAETHYL ESTER see: XN4375000
DITHIOERYTHRITOL see: KF2410000
1,4-DITHIOERYTHRITOL see: KF2410000
DITHIO-p-ETHOXYCARBANILIC ACID METHYL ESTER see: FD8892100
DITHIOFOS see: XN4375000
DITHIOGLYCEROL see: UB2625000
1,2-DITHIOGLYCEROL see: UB2625000
DITHIOGLYCOLYL p-ARSENOBENZAMIDE see: AI6199900

JP0500000 1,2-DITHIOLAN-4-AMINE, N,N-DIMETHYL-, OXALATE
UPDT:8411 CAS: 20121-11-3 MW: 239.33 MOLFM: C5-H11-N-S2 . C2-H2-O4
SYN: 4-(DIMETHYLAMINO)-1,2-DITHIOLANE OXALATE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:8 mg/kg NTIS** AD868-447
DITHIOLANE see: NJ6400000
1,3-DITHIOLANE-2-CARBOXALDEHYDE, 2,4-DIMETHYL-, O-((METHYLAMINO)CARBONYL)OXIME see: FC1050000
1,3-DITHIOLANE-2-CARBOXALDEHYDE, 2,4-DIMETHYL-, O-(METHYLCARBAMOYL)OXIME see: FC1050000
1,3-DITHIOLANE, 2-(DIETHOXYPHOSPHINYLIMINO)- see: NJ6400000

JP1050000 1,3-DITHIOLANE, 2-(DIETHOXYPHOSPHINYLIMINO)-4-METHYL-
UPDT:8311 CAS: 950-10-7 MW: 269.34 MOLFM: C8-H16-N-O3-P-S2
SYN: AC 47470 * AMERICAN CYANAMID CL 47470 * CL 47,470 * CYCLIC PROPYLENE (DIETHOXYPHOSPHINYL)DITHIOIMIDOCARBONATE * CYTROLANE * P,P-DIETHYL CYCLIC PROPYLENE ESTER of PHOSPHONODITHIOIMIDOCARBONIC ACID * 2-(DIETHOXYPHOSPHINYLIMINO)-4-METHYL-1,3-DITHIOLANE * DIETHYL (4-METHYL-1,3-DITHIOLAN-2-YLIDENE)PHOSPHORAMIDATE * EI-47470 * ENT-25,991 * MEPHOSFOLAN * PHOSPHORAMIDIC ACID, (4-METHYL-1,3-DITHIOLAN-2-YLIDENE)-, DIETHYL ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:9 mg/kg BESAAT 15,122,69
orl-mus LD50:11 mg/kg BESAAT 15,122,69
* skn-rbt LD50:28700 ug/kg FMCHA2 -,C68,83
3C08F17F19 orl-ckn LD50:2800 ug/kg EXPEAM 30,63,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DITHIOLANE IMINOPHOSPHATE see: NJ6400000
1,3-DITHIOLANE, 2-(2-METHYLPHENYL)- see: JP1192010

JP1182000 1,3-DITHIOLANE, 2-(m-TOLYL)-
UPDT:8303 MW: 196.34 MOLFM: C10-H12-S2
SYN: 2-(m-TOLYL)-1,3-DITHIOLANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg EJMCA5 17,235,82

JP1182010 1,3-DITHIOLANE, 2-(o-TOLYL)-
UPDT:8303 CAS: 67810-92-8 MW: 196.34 MOLFM: C10-H12-S2
SYN: 1,3-DITHIOLANE, 2-(2-METHYLPHENYL)- * 2-(o-TOLYL)-1,3-DITHIOLANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 17,235,82

JP1182020 1,3-DITHIOLANE, 2-(p-TOLYL)-
UPDT:8303 CAS: 23229-29-0 MW: 196.34 MOLFM: C10-H12-S2
SYN: 2-(p-TOLYL)-1,3-DITHIOLANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg EJMCA5 17,235,82

JP1183000 1,3-DITHIOLANE, 2-(2,4,6-TRIMETHOXYPHENYL)-
UPDT:8303 MW: 272.40 MOLFM: C12-H16-O3-S2
SYN: 2-(2,4,6-TRIMETHOXYPHENYL)-1,3-DITHIOLANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 17,235,82

JP1183200 1,3-DITHIOLANE, 2,2,4-TRIMETHYL-
UPDT:8303 CAS: 5862-57-3 MW: 160.30 MOLFM: C6-H12-S2
SYN: 2,2,4-TRIMETHYL-1,3-DITHIOLANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg EJMCA5 17,235,82

JP1190000 1,2-DITHIOLANE-3-VALERIC ACID
UPDT:8411 CAS: 62-46-4 MW: 206.34 MOLFM: C8-H14-O2-S2
SYN: ACETATE-REPLACING FACTOR * BILSTAN * 5-(1,2-DITHIOLAN-3-YL)VALERIC ACID * 6,8-DITHIOOCTANOIC ACID * HEFARUPON * LIPOIC ACID * alpha-LIPOIC ACID * alpha-LIPONIC ACID * alpha-LIPONSAEURE (German) * LIPOSAN * LIPOTHION * THIOCTACID * THIOCTIC ACID * 6-THIOCTIC ACID * 6,8-THIOCTIC ACID * THIOCTIDASE * THIOCTSAN * THIOKTSAFUR (German) * THIOCTANOIC ACID * 6-THIOTIC ACID * 6,8-THIOTIC ACID * TIOCTACID * THIOTHIDASI * THIOTHIDASI ACETATE REPLACING FACTOR
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1130 mg/kg NIIRDN 6,454,82
* ipr-rat LD50:200 mg/kg NIIRDN 6,454,82
* scu-rat LD50:230 mg/kg NIIRDN 6,454,82
* ivn-rat LD50:180 mg/kg NIIRDN 6,454,82
orl-mus LD50:502 mg/kg ARTODN 41,79,78
* ipr-mus LD50:160 mg/kg NIIRDN 6,454,82
* scu-mus LD50:200 mg/kg NIIRDN 6,454,82
* ivn-mus LD50:210 mg/kg NIIRDN 6,454,82
1,3-DITHIOLAN-2-ONE, O-((METHYLAMINO)CARBONYL)OXIME see: FG1350000
1-(1,2-DITHIOLAN-4-YL)-1-METHYLPYRROLIDINIUM IODIDE see: UY4350000
2-(1,3-DITHIOLAN-2-YL)PHENYL METHYLCARBAMATE see: FC2000000
1-(1,2-DITHIOLAN-4-YL)PYRROLIDINE METHIODIDE see: UY4350000
1-(1,2-DITHIOLAN-4-YL)PYRROLIDINE OXALATE (1:1) see: UY1150000
5-(1,2-DITHIOLAN-3-YL)VALERIC ACID see: JP1190000

JP1285000 1,3-DITHIOLE-delta(sup 2,alpha)-ACETONITRILE, alpha,4-DIPHENYL-
UPDT:8312 MW: 293.41 MOLFM: C17-H11-N-S2
SYN: alpha,4-DIPHENYL-1,3-DITHIOLE-delta(sup 2,alpha)-ACETONITRILE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:280 mg/kg JFMSAE 65,1247,76

JP1292500 3H-1,2-DITHIOLE-3-THIONE, 5-(p-METHOXYPHENYL)-
UPDT:8412 CAS: 532-11-6 MW: 240.36 MOLFM: C10-H8-O-S3
SYN: ANETHOLE TRITHIONE * ANETHOLTRITHION * 3H-1,2-DITHIOLE-3-THIONE, 5-(4-METHOXYPHENYL)- (9CI) * FELVITEN * HEPORAL * 5-(p-METHOXYPHENYL)-1,2-DITHIACYCLOPENT-4-ENE-3-THIONE * 5-(p-METHOXYPHENYL)-3H-1,2-DITHIOLE-3-THIONE * 5-p-METHOXYPHENYL-(TRITHIONE * MUCINOL * SEF 1717 * SUFRALEM * SULFOCAL * SULFRALEM * THIOPROPEN * TIOTRIFAR * TRITHIO * TRITHIOANETHOLE * TRITHIO-(p-METHOXYPHENYL)PROPENE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3850 mg/kg NIIRDN 6,25,82
* ipr-mus LD50:1780 mg/kg NIIRDN 6,25,82
* orl-gpg LD50:6000 mg/kg NIIRDN 6,25,82
3H-1,2-DITHIOLE-3-THIONE, 5-(4-METHOXYPHENYL)- (9CI) see: JP1292500
1,2-DITHIOLO(4,3-b)PYRROL-5(4H)-ONE, 6-ACETAMIDO- see: AB7450000

JP1355000 1,2-DITHIOLO(4,3-b)PYRROL-5(4H)-ONE, 6-ACETAMIDO-4-METHYL-
UPDT:8403 CAS: 87-11-6 MW: 228.30 MOLFM: C8-H8-N2-O2-S2
SYN: 6-ACETAMIDO-4-METHYL-1,2-DITHIOLO(4,3-b)PYRROL-5(4H)-ONE * 3-ACETAMIDO-5-METHYLPYRROLIN-4-ONE(4,3-d)-1,2-DITHIOLE * ACETOPYRROTHINE * 6-(ACETYLAMINO)-4-METHYL-1,2-DITHIOLO(4,3-b)PYRROL-5(4H)-ONE * N-(4,5-DIHYDRO-4-METHYL-5-OXO-1,2-DITHIOLO(4,3-b)PYROL-6-YL)ACETAMIDE * THIOLUTIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:25 mg/kg MEHDD 10,1338,83
scu-mus LD50:25 mg/kg ANTCAO 2,357,52
1,3-DITHIOLO(4,5-b)QUINOXALINE-2-THIONE see: FG2700000
DITHIOLO(4,5-b)QUINOXALIN-2-ONE, 6-METHYL- (9CI) see: FG1400000
DITHIOMETHON see: TE4375000
DITHIOMETON (French) see: TE4375000
4,4'-DITHIOMORPHOLINE see: QE3325000
DITHIO-4-MORPHOLINECARBOXYLIC ACID ACETONYL ESTER see: QD9871000
DITHIO-4-MORPHOLINECARBOXYLIC ACID CARBAMOYLMETHYL ESTER OXIME see: QD9872000
DITHIO-4-MORPHOLINECARBOXYLIC ACID CYANOMETHYL ESTER see: QD9873000
DITHIO-4-MORPHOLINECARBOXYLIC ACID ESTER with MERCAPTO-2-PROPANONE OXIME see: QD9874000
DITHIO-4-MORPHOLINECARBOXYLIC ACID ESTER with MERCAPTO-2-PROPANONE 3-THIOSEMICARBAZONE see: QD9875000
DITHIO-4-MORPHOLINECARBOXYLIC ACID SODIUM SALT see: QD9876000
DITHIO-4-MORPHOLINECARBOXYLIC ACID TRIMETHYLSILYL ESTER see: QD9878000
DITHION see: XN4375000
DITHIONE see: XN4375000
DITHIONIC ACID see: WS5605000
DITHIO-p-NITROCARBANILIC ACID ETHYL ESTER see: FD8892300
DITHIO-m-NITROCARBANILIC ACID GLYCOLATE see: FD8892350
DITHIO-p-NITROCARBANILIC ACID GLYCOLATE see: FD8892400
DITHIO-m-NITROCARBANILIC ACID METHYL ESTER see: FD8892430
DITHIO-p-NITROCARBANILIC ACID METHYL ESTER see: FD8892435
DI(THIONOCARBOMETHOXY) DISULFIDE see: LQ8050000

JP2080000 DITHIONOUS ACID, DIPOTASSIUM SALT
UPDT:8312 CAS: 14293-72-3 MW: 208.34 MOLFM: H2-O4-S2 . 2K
SYN: POTASSIUM HYDROSULFITE * POTASSIUM HYDROSULPHITE (DOT) * UN 1929 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83

JP2100000 DITHIONOUS ACID, DISODIUM SALT
UPDT:8308 CAS: 7775-14-6 MW: 174.10 MOLFM: O4-S2 . 2Na
SYN: D-OX * HYDROLIN * K-BRITE * REDUCTONE * SODIUM DITHIONITE * SODIUM DITHIONITE (DOT) * SODIUM HYDROSULFITE * SODIUM HYDROSULFITE (DOT) * SODIUM HYDROSULPHITE * SODIUM SULFOXYLATE * UN 1384 (DOT) * VATROLITE * V-BRITE * VIRCHEM * VIRTEX CC * VIRTEX D * VIRTEX L * VIRTEX RD
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JP2105000 DITHIONOUS ACID, ZINC SALT (1:1)
UPDT:8401 CAS: 7779-86-4 MW: 195.51 MOLFM: H2-O4-S2 . Zn

SYN: DN 191 (DOT) * ZINC BITHIONATE * ZINC HYDROLUATE * ZINC HYDROLUATE (DOT)
STANDARDS & REGULATIONS
★ DOT HAZARD CLASS: LABEL: NONE CFR(88 49 172.101.82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

6,6-DITHIOOCTANOIC ACID see: JP1190000
O,O'-DITHIO-4,1-PHENYLENE BIS(O,O-DIMETHYLPHOSPHATE) see: TG0770000
DITHIOPHOS see: KN4375000
DITHIOPHOSPHATE DE O,O-DIETHYLE ET DE (4-CHLORO-PHENYL) THIOMETHYLE (French) see: TD5250000
DITHIOPHOSPHATE DE O,O-DIETHYLE ET DE S(2,5-DICHLOROPHENYL) THIOMETHYLE (French) see: TD5775000
DITHIOPHOSPHATE DE O,O-DIETHYLE ET DE S-(2-ETHYLTHIO-ETHYLE) (French) see: TD9275000
DITHIOPHOSPHATE DE O,O-DIETHYLE ET D'ETHYLTHIOMETHYLE (French) see: TD9450000
DITHIOPHOSPHATE DE O,O-DIETHYLE ET DE S-N-METHYL N-CARBOETHOXY CARBAMOYLMETHYLE (French) see: FB3850000
DITHIOPHOSPHATE DE O,O-DIMETHYLE ET DE S-(4,6-DIAMINO-1,3,5-TRIAZINE-2-YL)-METHYLE (French) see: TD5600000
DITHIOPHOSPHATE DE O,O-DIJAETHYLE ET DE S-(1,2-DICARBOETHOXYETHYLE) (French) see: WM8400000
DITHIOPHOSPHATE DE O,O-DIMETHYLE ET DE S-(2-ETHYLTHIO-ETHYLE) (French) see: TE4375000
DITHIOPHOSPHATE DE O,O-DIMETHYLE ET DE S(-N-METHYLCARBAMOYL-METHYLE) (French) see: TE1750000
DITHIOPHOSPHORIC ACID, TETRAETHYL ESTER see: KN4375000
DITHIOPHOSPHORSAEURE-O-AETHYL-S,S-DIPHENYLESTER (German) see: TE3850000
DITHIO-1-PIPERIDINECARBOXYLIC ACID ACETONYL ESTER see: TM6260000
DITHIO-1-PIPERIDINECARBOXYLIC ACID, CARBAMOYLMETHYL ESTER OXIME see: TM6262000
DITHIO-1-PIPERIDINECARBOXYLIC ACID CYANOMETHYL ESTER see: TM6263000
DITHIO-1-PIPERIDINECARBOXYLIC ACID ESTER with MERCAPTO-2-PROPANONE OXIME see: TM6264000
DITHIO-1-PIPERIDINECARBOXYLIC ACID ESTER with MERCAPTO-2-PROPANONE 3-THIOSEMICARBAZONE see: TM6265000
DITHIO-1-PIPERIDINECARBOXYLIC ACID SODIUM SALT see: TM6268000
2,3-DITHIOPROPANOL see: UB2625000
DITHIOPROPYLTHIAMINE see: LQ0699000
DITHIOPYROPHOSPHATE DE TETRAETHYLE (French) see: KN4375000
DITHIOQUINOX see: FQ1400000
DITHIOSYSTOX see: TD9275000
DITHIOTEP see: KN4375000
DITHIOTHREITOL see: KO8576500
DL-DITHIOTHREITOL see: KO8576500
DL-1,4-DITHIOTHREITOL see: KO8576500
rac-DITHIOTHREITOL see: KO8576500
DITHRANOL see: CB1225000
DITHROCREAM see: CB1225000
DITIAMINA see: ZH3325000
DITILIN see: GA2360000
DITILINE see: GA2360000
DITILIN IODIDE see: GA5250000
DITOIN see: MU1400000
DITOMATE see: MU1050000
4,4'-DI-o-TOLUIDINE see: DD1225000
DITOLYLBIS(AZONAPHTHIONIC ACID) see: QR1765000
DI-o-TOLYLCARBAMIC ACID 3-(DIMETHYLAMINO)PROPYL ESTER HYDROCHLORIDE see: FA6210000
DITOLYLETHANE see: KI3421000
DI-o-TOLYLGUANIDINE see: MF1400000
DITOLYLMETHANE see: PA9070000 METHANE, DITOLYL-
alpha,alpha-DI-o-TOLYL-3-QUINUCLIDINEMETHANOL 1-OXIDE see: VD4843000
DITRANIL see: BX2975000
DI-TRAPEX see: TX9667000
DITRAZIN see: TL1225000
DITRAZIN CITRATE see: TL1225000 1-PIPERAZINECARBOXAMIDE, N,N-DIETHYL-4-METHYL-, CITRATE(1:1)
DITRAZINE CITRATE see: TL1225000 1-PIPERAZINECARBOXAMIDE, N,N-DIETHYL-4-METHYL-, CITRATE(1:1)
DITRAZINE see: TL1225000
DITRIDECYL PHOSPHITE see: TI1950000
DI,TRI-(2,2-DIMETHYL-2-PHENYLETHYL)TIN OXIDE see: JN6770000
DITRIFON see: TA0700000
DI-(3,5,5-TRIMETHYL-1,2-DIOXOLANYL-3)PEROXIDE see: SD6245000
DI-(3,5,5-TRIMETHYLHEXANOYL)PEROXIDE (DOT) see: NS7200000
DITRIZOATE METHYLGLUCAMINE see: LZ4315000
DITROPAN see: GV2800000
DITROSOL see: GO9625000
DITUBIN see: NS1750000
DIUCARDIN see: DR9625000
DIULO see: VA1700000
DIUPRES see: ZG0350000
DIURAMID see: AC8225000
DIURAL see: CB2625000
DIURESAL see: UR9450000
DIURESE see: DR8925000
DIURETICUM-HOLZINGER see: AC8225000
DIURETIN see: VO5075000
DIUREX see: YS8925000
DIURIL see: DR9450000
DIURILIX see: DR9450000
DIURITE see: DR9450000
DIURIWAS see: AC8225000
DIURNAL see: TZ0175000
DIURNAL PENICILLIN see: XM9456000
DIUROBROMINE see: XM2275000
DIUROL see: XZ3850000
DIUROL see: YS8925000
DIUROL 5030 see: XZ3850000
DIURON see: YS8925000
DIURON (DOT) see: YS8925000
DIURONE see: QW1050000
DIURON 4L see: YS8925000
DIUTAZOL see: AC8225000
DIUTENSEN-R see: ZG0350000
DIUTRID see: DR9450000
DIUTSIFON see: UV9721000
DIUXANTHINE see: XM3600000
DIVASCOL see: NJ1925000
DIVERA see: DN4250000
1-(2-(DIVERATRYLAMINO)ETHYL)PIPERIDINE HYDROCHLORIDE see: TM7975000
DIVERCILLIN see: XM8350000
DIVERCILLIN see: XM8425000
DIVERINE see: DT7361000
DIVERON see: TZ0175000
DIVIMINOL see: UX9635500
DIVINYL see: EI9275000
m-DIVINYLBENZEN (Czech) see: CZ9450000
DIVINYLENE OXIDE see: LT8524000
DIVINYLENE SULFIDE see: XM7350000
DIVINYLENIMINE see: UX9275000
DIVINYL ETHER see: YZ6700000
DIVINYL ETHER (DOT) see: YZ6700000
DIVINYL ETHER, inhibited (DOT) see: YZ6700000
DIVINYL ETHER combined with MALEIC ANHYDRIDE (1:2) see: ON4250000
DIVINYL ETHER MALEIC ANHYDRIDE COPOLYMER see: ON4250000
3,9-DIVINYLSPIROBI(m-DIOXANE) see: XF0875000
2,5-DIVINYLTETRAHYDROPYRAN see: UP8750000
2,5-DIVINYLTETRAHYDRO-2H-PYRAN see: UP8750000
3,9-DIVINYL-2,4,8,10-TETRAOXASPIRO(5,5)UNDECANE see: XF0875000
DIVIPAN see: TC0350000
DIVIT URTO see: KE1050000
DIVOSTROSIDE see: FH4920611 CARD-20(22)-ENOLIDE, 3-((2,6-DIDEOXY-3-O-METHYL-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-11,14- DIHYDROXY-, (3-beta,5-beta,11-alpha)-
DIVULSAN see: MU1400000
DIVYNYL OXIDE see: YZ6700000
DIXANTHOGEN see: LQ7700000
L-DIXARIT see: NJ2490600
DIXEERAN see: CB0875000
DIXEERAN see: CB0770000 delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL
DIXIBEN see: QN2885000
DIXIE see: GF1670500
DIXON see: TC2800000
DIXON 164 see: KK4025000
DIXOPAR see: TQ3325000
DIXYRAZINE see: KL8000000
DIXYRAZINE DIHYDROCHLORIDE see: KL8050000
DIZENE see: CZ4500000
DIZINC BIS(DIMETHYLDITHIOCARBAMATE)ETHYLENEBIS(DITHIOCARBAMATE) see: ZH0380000
DIZIMON see: TF3325000
DIZOL see: KJ4020000
DIZOXIDE see: DK8185000
DJ-1461 see: TH8890000
DJP see: UV1146600
DKB see: WK1985000
DKC 1347 see: XU5111000
DKM see: YS2787000
D. KLUGII VENOM see: YX4534000
DKM (Russian) see: PA8460000
JQ0884000 DKS-703
DEP Polymer of ETHYLENE OXIDE and PROPYLENE OXIDE (GISAAA 48(1):84.83)
UPDT:8408
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:47700 mg/kg	GISAAA 48(1):84.83
*	orl-mus LD50:47700 mg/kg	GISAAA 48(1):84.83
*	orl-rbt LD50:47700 mg/kg	GISAAA 48(1):84.83
*	orl-gpg LD50:47700 mg/kg	GISAAA 48(1):84.83

DL 111 see: KZ4912000
DL 152 see: ZF9380000
D, L, 152 see: ZF9385000
DL-832 see: CE0926000
DL 204-IT see: KZ5478800
DL-111-IT see: KZ4912000
DLP see: UD1842000
DLP-87 see: YT9690000
DLP 787 see: YT9690000
D-LSD see: KE4100000
DLT see: UF8000000
DLTDP see: UF8000000
DLTP see: UF8000000
D 33LV see: HM0354200
DLX-6000 see: KK4025000
DL-YB2 see: UB6650000
DM see: HB7875000
DM see: SG0680000
2,4-DM see: ES9100000
D 50 M see: AK0920000
DMA see: IP8750000
DMA see: PA2275000
DMA see: AB7700000
G-DMA see: SL1944750
DL-DMA see: SL1944770
L-DMA see: SL1944720
meso-DMA see: SL1944800
DMA-4 see: AG6825000
DMA 100 see: PA2275000
DMAA see: CM7525000
DMAB see: BX7350000
3,2'-DMAB see: DU9100000
DMAC see: AB7700000
D. MACULATA VENOM see: YX3962800
DMAE see: KK6125000
DMAE p-ACETAMIDOBENZOATE see: KK6300000
DMAM see: OM9950000
DMAP see: TU4075000
DMASA see: WM9625000
DMB see: CZ6650000
DMBA see: CW3898000
7,12-DMBA see: CW3898000
DMBC see: SG8050000
DMBCA see: SG8100000
DMC see: DC7875000
DMCC see: FD4200000
DMCT see: QI7650000
DMDHEU see: NJ0607000
DMDJ 4309 see: TQ3325000
DMDJ 5140 see: TQ3325000
DMDJ 7088 see: TQ3325000
DMDR see: FD3500000
DMDPN see: JL9655000
DMDT see: KJ3675000

p,p'-DMDT see: KJ3675000
DMDZ see: DF1750000
DMEP see: TI1400000
DMF see: TD4025000
DMF see: LQ2100000
DMFA see: LQ2100000
DMH see: MU0977000
DMH see: MV2450000
DMH see: MV2625000
DMH see: MV2800000
DMH see: MV2940000
DMHQ see: MX5900000
DMI see: HO0350000
DMI 50475 see: HO0350000
DMI HYDROCHLORIDE see: HO0525000
DMM see: OP2975000
DMMP see: CQ0560000
DMMP see: SZ9120000
DMN see: IQ0525000
DMNA see: IQ0525000
DMNM see: IQ0450000
DMNM see: QE2150000
DMNO see: IQ0450000
DMNPA see: SZ9660000
DMN-OAC see: AI9150000
DMNT see: KJ4600000
DMO see: RP9100000
DMP see: TI1575000
2,5-DMP see: ZE5775000
2,6-DMP see: ZE6125000
3,4-DMP see: ZE6JG0000
3,5-DMP see: ZE6475000
DMPA see: IB5075000
DMPA see: TU5010000
DMPD see: ST0875000
DMPP see: TM3385000
DMPP IODIDE see: TM3385000
(-)-DMPS see: TZ6420050
(+)-DMPS see: TZ6420100
DMPT see: XY2100000
DMPTP see: UF8000000
DMS see: PV5075000
DMS see: WS8225000
DMS see: WJ5850000
DMS see: WM7650000
DMS see: XN0525000
DMS-70 see: PV6210000
DMS-90 see: PV6210000
DMSA see: WM9625000
DMSA see: WM7650000
DL-DMSA see: WM7645000
DMS(METHYL SULFATE) see: WS8225000
DMSO see: PV6210000
DMSP see: TF3850000
DMSP see: TF9370000
DMT see: WZ1225000
DMTP see: TP9625000
DMTP(JAPAN) see: TE2100000
DMTT see: XI2800000
DMU see: YS8925000
DMY see: UQ1240000
DN see: GO9625000
DN see: SK6650000
DN 1 see: SK6650000
DN 4 see: KV0350000
DN 5 see: KV0350000
DN 289 see: SJ9800000
DNA see: BX9100000
DNA-RUBOMYCIN complex see: VL9305700
DNB see: EJ4900000
DNBP see: SJ9800000
DNC see: GO9625000
DNCB see: CZ0525000
DN DRY MIX NO. 1 see: SK6650000
DN-DRY MIX NO. 2 see: GO9625000
DN DUST NO. 12 see: SK6650000
2,4-DNFB see: CZ7800000
1,3-DNG see: AE4987500
DNOC see: GO9625000
DNOCHP see: SK6650000
DNOCP see: GQ5775000
DNOK (Czech) see: GO9625000
DNOP see: TI1925000
DNOPC see: GQ5775000
DNOSBP see: SJ9800000
DNP see: SL0750000
DNP see: TR3675000
2,4-DNP see: SL2800000
2,5-DNP see: SL2900000
DNPC see: GO9800000
DNPD see: ST2100000
DNPDA see: ST2100000
2,4-DNPH see: MV3325000
DNPMT see: XA5250000
DNPOH see: UB4025000
DNPT see: XA5650000
DNPZ see: TL6300000
DNRB see: XK9450000
DNSBP see: SJ9800000
DNT see: XT1575000
nDNT see: XT1300000
2,3-DNT see: XT1400000
2,4-DNT see: XT1575000
2,5-DNT see: XT1750000
2,6-DNT see: XT1925000
3,4-DNT see: XT2100000
3,5-DNT see: XT2150000
DNTB see: XK9450000
DNTBP see: SR0160000
DNTP see: TF4550000
DO 9 see: MD0875000
DO 14 see: WT2900000
DOA see: AU9700000
DOA see: TM2272600
DOBANIC ACID 83 see: DB6600000
DOBANIC ACID JN see: DB6600000
DOBENDAN see: UU4900000
DOBESILATE CALCIUM see: DB6127000
DOBETIN see: GG3750000
DOBO see: XM5600000
DOBREN see: BZ3400000
DOBURIL see: DK9610000
DOBUTAMINE HYDROCHLORIDE see: CZ9001000
DOBUTREX see: CZ9001000
DOCA see: HG0525000
DOCA ACETATE see: HG0525000
DOC-AC see: HG0525000
DOC ACETATE see: HG0525000
DOCEMINE see: GG3750000
DOCIBIN see: GG3750000
DOCIGRAM see: GG3750000
DOCITON see: UB7500000
DOCITON see: UB7525000

JR1230000 DOCOSA-2,4,8,12,14,18,20-HEPTAENEDIOIC ACID, 3-CARBOXYMETHYL-17-METHOXY-6,18,21-TRIMETHYL-

UPDT:8403 CAS: 69352-76-7 MW: 486.66 MOLFM: C28 H38 O7

SYN: BA * BONGKREKIC ACID * 3-CARBOXYMETHYL-17-METHOXY-6,18,21-TRIMETHYLDOCOSA-2,4,8,12,14,18,20-HEPTAENEDIOIC ACID

TOXICITY DATA AND REFERENCES:

*	ivn-mus	LD50:1410 ug/kg	MEIEDD 10,165,83

JR1230400 DOCOSANAMIDE, N-(1-beta-D-ARABINOFURANOSYL-1,2-DIHYDRO-2-OXO-4-PYRIMIDINYL)-

UPDT:8309 CAS: 55726-47-1 MW: 565.89 MOLFM: C31 H55 N3 O6

SYN: N-(1-beta-D-ARABINOFURANOSYL-1,2-DIHYDRO-2-OXO-4-PYRIMIDINYL)DOCOSANAMIDE * N(sup 4)-BEHENOYL-1-beta-D-ARABINOFURANOSYLCYTOSINE * BEHENOYLCYTOSINE ARABINOSIDE * N(sup 4)-BEHENOYLCYTOSINE ARABINOSIDE * ENOCITABINE

TOXICITY DATA AND REFERENCES:

*	ipr-rat	LD50:1150 mg/kg	IYKEDH 14,484,83
*	ivn-rat	LD50:380 mg/kg	IYKEDH 14,484,83
*	ipr-mus	LD50:525 mg/kg	IYKEDH 14,484,83
*	scu-mus	LD50:820 mg/kg	IYKEDH 14,484,83
*	orl-mus	LD50:300 mg/kg	IYKEDH 14,484,83

DOCTAMICINA see: AB6825000
DOCUSATE SODIUM see: WN0525000
DODAT see: KJ3325000
DODECABEE see: GG3750000
DODECACHLOROCTAHYDRO-1,3,4-METHENO-2H-CYCLOBUTA(c,d)PENTALENE see: PC8225000
1,1a,2,2,3,3a,4,5,5,5a,5b,6-DODECACHLOROOCTAHYDRO-1,3,4-METHENO-1H-CYCLOBUTA(cd)PENTALENE see: PC8225000
DODECACHLOROPENTACYCLODECANE see: PC8225000
DODECACHLOROPENTACYCLO(3.2.2.0(sup 2,6).0(sup 3,9).0(sup 5,10))DECANE see: PC8225000

JR1670000 7,10-DODECADIENAMIDE, 2,3-EPOXY-4-OXO-

UPDT:8405 CAS: 17397-89-6 MW: 223.30 MOLFM: C12 H17 N O3

SYN: CERULENIN * 2,3-EPOXY-4-OXO-7,10-DODECADIENAMIDE * (2R,3S)-2,3-EPO**Y-4-OXO-7E,10E-DODECADIENAMIDE * (2S)-(3R)-2,3-EPOXY-4-OXO-7,10-DODECADIENOYLAMIDE * HELICOCERIN * 3-(1-OXO-4,7-NONADIENYL)OXIRANECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus	LD50:547 mg/kg	JAJAAA 17,1,64
*	ipr-mus	LD50:211 mg/kg	JAJAAA 17,1,64
*	scu-mus	LD50:245 mg/kg	BSERAY 3,1945,78
*	ivn-mus	LD50:154 mg/kg	JAJAAA 17,1,64

JR1700000 DODECA-2,4-DIENOIC ACID, 3,7,11-TRIMETHYL-, ETHYL ESTER, (2E,4E)-

UPDT:8309 CAS: 41096-46-2 MW: 266.47 MOLFM: C17 H30 O2

SYN: ALTOZAR * ENT 70459 * ETHYL 3,7,11-TRIMETHYLDODECA-2,4-DIENOATE * ETHYL(2E,4E)-3,7,11-TRIMETHYL 2,4-DODECADIENOATE * ETHYL (2E,4E)-3,7,11-TRIMETHYL-DODECA-2,4-DIENOATE * HYDROPRENE * ZR 512

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T43T46	ipr-mus	TDLo:1 gm/kg (9D preg)	LIFSAR 15,1649,74
1T25	ipr-mus	TDLo:1 gm/kg (10D preg)	LIFSAR 15,1649,74

TOXICITY DATA AND REFERENCES:

	orl-rat	LD50:34000 mg/kg	BSARAE 1,98,77
*	skn-rbt	LD50:4550 mg/kg	FMCHA2 -,C12,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JR1760000 DODECA-2,4-DIENOIC ACID, 3,7,11-TRIMETHYL-, 2-PROPYNYL ESTER, (2E,4E)-

UPDT:8403 CAS: 37882-31-8 MW: 276.40 MOLFM: C18 H28 O2

SYN: ALTODEL * ENSTAR * ENT 70531 * KINOPRENE * PROP-2-YNYL 3,7,11-TRIMETHYL 2,4-DODECADIENOATE * 2-PROPYNYL(2E,4E)-3,7,11-TRIMETHYL 2,4-DODECADIENOATE * 3,7,11-TRIMETHYL 2,4-DODECADIENOIC ACID 2-PROPYNYL ESTER * ZR 777

TOXICITY DATA AND REFERENCES:

*	orl-rat	LD50:4900 mg/kg	FMCHA2 -,C136,83
	orl-dog	LD50:3160 mg/kg	SPEADM 74-1,-,74
*	skn-rbt	LD50:9000 mg/kg	FMCHA2 -,C136,83

DODECAHYDRODIPHENYLAMINE see: HY4025000
DODECAHYDROPHENYLAMINE NITRITE see: HY4200000
delta-DODECALACTONE see: UQ0850000
gamma-DODECALACTONE see: LU3600000
1,1'-DODECAMETHYLENEBIS(4-AMINOQUINALDINIUM IODIDE) see: VA0720000
3,3'-(DODECAMETHYLENEDIOXY)BIS(1,1-DIMETHYLPIPERIDINIUM BROMIDE) see: TN5102000
n-DODECAN (German) see: JR2125000

JR1910000 1-DODECANAL

UPDT:8305 CAS: 112-54-9 MW: 184.36 MOLFM: C12 H24 O

SYN: ALDEHYDE C-12, LAURIC * C 12 ALDEHYDE, LAURIC * 1-DODECYL ALDEHYDE * DUODECYLIC ALDEHYDE * LAURYL ALDEHYDE

IRRITATION DATA AND REFERENCES:

	skn-hmn	5 mg/48H MLD	FCTXAV 11,1079,73
	skn-rbt	500 mg/24H MOD	FCTXAV 11,1079,73

TOXICITY DATA AND REFERENCES:

*	orl-rat	LD50:23 gm/kg	FCTXAV 11,483,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

JR1925000 DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL)-

UPDT:8412 CAS: 120-40-1 MW: 287.50 MOLFM: C16 H33 N O3

BEST COPY AVAILABLE

SYN: N,N-BIS(2-HYDROXYETHYL)DODECANAMIDE * BIS(2-HYDROXYETHYL)LAURAMIDE * N,N-BIS(HYDROXYETHYL)LAURAMIDE * N,N-BIS(beta-HYDROXYETHYL)LAURAMIDE * N,N-BIS(2-HYDROXYETHYL)LAURAMIDE * CLINDROL 101CG * CLINDROL 203CG * CLINDROL 210FGN * CLINDROL 290L * CLINDROL SUPERAMIDE 100L * COCO DIETHANOLAMIDE * COCONUT OIL AMIDE OF DIETHANOLAMINE * COMPERLAN LD * CONDENSATE PL * CRILLON L.D.E. * DIETHANOLLAURAMIDE * N,N-DIETHANOLLAURAMIDE * N,N-DIETHANOLLAURIC ACID AMIDE * EMID 6511 * EMID 6541 * ETHYLAN MLD * METAMIDE ML * LAURAMIDE DEA * LAURIC ACID DIETHANOLAMIDE * LAURIC ACID DIETHANOLAMINE CONDENSATE * LAURIC DIETHANOLAMIDE * LAUROYL DIETHANOLAMIDE * LAURYL DIETHANOLAMIDE * LDA * LDE * MONAMID 150-LW * NCI-C55323 * NINOL 4821 * NINOL AA62 * NINOL AA-62 EXTRA * NINOL P-621 * ONYXOL 345 * REWOMID DLMS * REWOMID DL 203 S * RICHAMIDE 6310 * ROLAMID CD * STANDAMIDD LD * STEINAMID DL 203 S * SUPER AMIDE L-9A * SUPER AMIDE L-9C * SYNOTOL L-60 * UNAMIDE J-56 * VARAMID ML 1

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2700 mg/kg JSCCA5 13,469,62

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

DODECANAMINE ACETATE see: JR6490000
1-DODECANAMINE, N,N-DIMETHYL- see: JR6600000
DODECANAMINE HYDROCHLORIDE see: JR6750000
1-DODECANAMINE, HYDROCHLORIDE (9CI) see: JR6750000

JR2125000 DODECANE

UPDT:8401 CAS: 112-40-3 MW: 170.38 MOLFM: C12-H26
SYN: ADARANE 12 * BIHEXYL * DIHEXYL * n-DODECAN (German) * DUODECANE

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:11 gm/kg/22W-I TXAPA9 9,70,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ZKKOBW 78,99,72; PAASAH 54,171,59

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JR2395000 DODECANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER

UPDT:8310 CAS: 19074-24-9 MW: 422.82 MOLFM: C28-H54-O2
SYN: BIS(2-ETHYLHEXYL) DODECANEDIOATE

TOXICITY DATA AND REFERENCES:
3D07P07J22 orl-rat LD50:21500 mg/kg GISAAA 46(5),87,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JR2450000 DODECANE, 1,2-EPOXY-

UPDT:8401 CAS: 2855-19-8 MW: 184.36 MOLFM: C12-H24-O
SYN: DODECENE EPOXIDE * 1,2-EPOXYDODECANE

TUMORIGENIC DATA AND REFERENCES:
2V03P62 unk-mus TDLo:147 mg/kg RARSAM 3,193,63

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DODECANE, 1-THIOCYANATO- see: XX9625000

JR3150000 1-DODECANETHIOL

UPDT:8408 CAS: 25102-58-6 MW: 202.44 MOLFM: C12-H26-S
SYN: ten. DODECYLMERKAPTAN (Czech) * tert-DODECYLMERCAPTAN * tert-DODECYLTHIOL * 2,3,3,4,4,5-HEXAMETHYL-2-HEXANETHIOL

TOXICITY DATA AND REFERENCES:
orl-rat LD50:309 mg/kg IRZPAK -,169,72
* ipr-rat LD50:1833 mg/kg 85GMAT -,64,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JR3155000 1-DODECANETHIOL

UPDT:8305 CAS: 112-55-0 MW: 202.44 MOLFM: C12-H26-S
SYN: DODECYL MERCAPTAN * n-DODECYL MERCAPTAN * 1-DODECYL MERCAPTAN * LAURYL MERCAPTAN * n-LAURYL MERCAPTAN * 1-MERCAPTODODECANE * NCI-C60935 * PENNFLOAT M * PENNFLOAT S

MUTATION DATA AND REFERENCES:
cyt-rat-inl 5020 ug/m3/16W BZARAZ 27,102,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO n-ALKANE MONO THIOLS recm std-air:CL 0.5 ppm/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DODECANOIC ACID see: OE9800000

JR3425000 DODECANOIC ACID, BENZYL ESTER

UPDT:8305 CAS: 140-25-0 MW: 290.49 MOLFM: C19-H30-O2
SYN: BENZYL DODECANOATE * BENZYL LAURATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,649,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DODECANOIC ACID 2-THIOCYANATOETHYL ESTER see: OF0875000
n-DODECANOL see: JR5775000
1-DODECANOL see: JR5775000
DODECANOL ACETATE see: AM3525000
1-DODECANOL ACETATE see: AM3525000
DODECANOL, ETHOXYLATE see: JR5955000
DODECANOL-ETHYLENE OXIDE (9.5 moles) condensate see: MD0875000 GLYCOLS, POLYETHYLENE,MONODODECYL ETHER
DODECANOLIDE-1,4 see: LU3600000
DODECANOL, POLYETHOXYLATED see: MD0875000
3-(DODECANOYLOXYMETHYL)-1-METHYL-1H-IMIDAZOLIUM CHLORIDE see: NJ5047000
1-((n-DODECANOYLOXY)METHYL)-3-METHYLIMIDAZOLINIUM CHLORIDE see: NJ4850000
DODECANCYL PEROXIDE see: OF2625000
DODECAN-1-YL ACETATE see: AM3525000
DODECARBONIUM CHLORIDE see: BO7525000

JR4980000 1,6,10-DODECATRIEN-3-OL, 3,7,11-TRIMETHYL-, ACETATE, (5-(Z))- (9CI)

UPDT:8305 CAS: 5801-43-5 MW: 264.45 MOLFM: C17-H28-O2
SYN: NEROLIDYL ACETATE * 3,7,11-TRIMETHYL-1,6,10-DODECATRIEN-3-YL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,875,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DODECAVITE see: GG3750000

JR5150000 2-DODECENAL

UPDT:8412 CAS: 4826-62-4 MW: 182.34 MOLFM: C12-H22-O

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 21,849,83

TOXICITY DATA AND REFERENCES:
* skn-rbt LDLo:5 gm/kg FCTOD7 21,849,83

DODECENE see: UD1950000
DODECENE EPOXIDE see: JR2450000
DODECENYLSUCCINIC ANHYDRIDE see: WN1225000
DODECOIC ACID see: OE9800000
DODECYL ACETATE see: AM3525000
n-DODECYL ACETATE see: AM3525000

JR5775000 DODECYL ALCOHOL

UPDT:8401 CAS: 112-53-8 MW: 186.38 MOLFM: C12-H26-O
SYN: ALCOHOL C-12 * ALFOL 12 * CACHALOT L-50 * CACHALOT L-90 * CO 12 * CO-1214 * CO-1214N * CO 1214S * n-DODECANOL * 1-DODECANOL * n-DODECYL ALCOHOL * DUODECYL ALCOHOL * DYTOL J-6B * EPAL 12 * LAURIC ALCOHOL * LAURINIC ALCOHOL * LAURYL 24 * LAURYL ALCOHOL * n-LAURYL ALCOHOL, PRIMARY * LOROL * LOROL 5 * LOROL 7 * LOROL 11 * MA-1214 * SIPOL L12

IRRITATION DATA AND REFERENCES:
skn-hmn 75 mg/3D-I SEV 85DKA8 -,127,77

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:19 gm/kg/39W-I TXAPA9 9,70,66
2V02J60 ipr-mus TDLo:2400 mg/kg/8W-I CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:12800 mg/kg FCTXAV 11,95,73
ipr-rat LD50:800 mg/kg 14CYAT 2,1469,63

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

n-DODECYL ALCOHOL see: JR5775000

JR5955000 DODECYL ALCOHOL (ethoxylated)

UPDT:8407 CAS: 9002-92-0 MOLFM: (C2-H4-O)n C12-H26-O
SYN: DODECANOL, ETHOXYLATE * DODECYL ALCOHOL ETHOXYLATED * ETHAL LA-X * ETHOXYLATED LAURYL ALCOHOL * LAURYL ALCOHOL, ETHOXYLATED * NCI-C54875

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD TXAPA9 19,276,71
eye-rbt 100 mg TXAPA9 19,276,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DODECYL ALCOHOL ACETATE see: AM3525000

JR5960000 DODECYL ALCOHOL CONDENSED with 4 moles ETHYLENE OXIDE

UPDT:8412 CAS: 9002-92-0 MOLFM: (C2-H4-O)n C12-H26-O
SYN: BRIJ 30 P.O.E (4) LAURYL ETHER * LAURYL ALCOHOL EO (4)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4940 mg/kg APRCAS 77,35,62

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

JR5970000 DODECYL ALCOHOL CONDENSED with 7 moles ETHYLENE OXIDE

UPDT:8412 CAS: 9002-92-0 MOLFM: (C2-H4-O)n C12-H26-O
SYN: LAURYL ALCOHOL EO (7) * PEG * POLYOXYETHYLENE DODECANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 100 mg/kg TXAPA9 2,133,60
eye-rbt 10 mg TXAPA9 2,133,60

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4150 mg/kg TXAPA9 2,133,60
orl-mus LD50:1170 mg/kg TXAPA9 2,133,60
ivn-rat LD50:390 mg/kg TXAPA9 2,133,60

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DODECYL ALCOHOL, ETHOXYLATED see: JR5955000
DODECYL ALCOHOL, HYDROGEN SULFATE, SODIUM SALT see: WT1050000
1-DODECYL ALDEHYDE see: JR1910000

JR6490000 DODECYLAMINE, ACETATE

UPDT:8401 CAS: 2016-56-0 MW: 245.46 MOLFM: C12-H27-N C2-H4-O2
SYN: DODECANAMINE ACETATE * 1-DODECYLAMINE ACETATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1750 mg/kg CHTPBA 1(1),11,65

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-DODECYLAMINE ACETATE see: JR6490000
DODECYLAMINE, CHLOROACETATE see: AF9107000

JR6600000 DODECYLAMINE, N,N-DIMETHYL-

UPDT:8305 CAS: 112-18-5 MW: 213.46 MOLFM: C14-H31-N
SYN: ADMA 2 * ARMEEN DM-12D * BARLENE 125 * DDA * N,N-DIMETHYLDODECYLAMINE * N,N-DIMETHYLLAURYLAMINE * 1-DODECANAMINE, N,N-DIMETHYL- * DODECYLDIMETHYLAMINE * N-DODECYLDIMETHYLAMINE * LAURYLDIMETHYLAMINE * N-LAURYLDIMETHYLAMINE * MONOLAURYL DIMETHYLAMINE * RC 5629

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,63,72
eye-rbt 50 ug/24H SEV 28ZPAK -,63,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1380 mg/kg IRZPAK -,63,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JR6610000 DODECYLAMINE, N,N-DIMETHYL-, ACETATE

UPDT:8309 CAS: 1920-05-4 MW: 273.52 MOLFM: C14-H31-N C2-H4-O2
SYN: DIMETHYLDODECYLAMINE ACETATE * PENAR * TRI-PENAR

TOXICITY DATA AND REFERENCES:
orl-rat LD50:800 mg/kg 28ZEAL 4,186,69
unk-rbt LD50:3000 mg/kg GUCHAZ 6,214,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JR6623000 DODECYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE

UPDT:8303 MW: 249.92 MOLFM: C14-H31-N Cl-H
SYN: DIMETHYLDODECYLAMINE CHLORHYDRATE (French) * N,N-DIMETHYLDODECYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:820 mg/kg CHTPBA 1(1),11,65

JR6625000 DODECYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE mixed with SODIUM NITRITE (7:8)

UPDT:8301
SYN: DIMETHYLDODECYLAMINE HYDROCHLORIDE mixed with SODIUM NITRITE (7:8) * SODIUM NITRITE mixed with DIMETHYLDODECYLAMINE (8:7)

TUMORIGENIC DATA AND REFERENCES:
3V01K60M60 orl-rat TDLo:135 gm/kg/80W-I FCTXAV 15,269,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JR6650000 DODECYLAMINE, N,N-DIMETHYL-, N-OXIDE

UPDT:8306 CAS: 1643-20-5 MW: 229.46 MOLFM: C14-H31-N-O
SYN: AMMONYX LO * AMONYX AO * AROMOX DMMC W * CONCO XAL * DDNO * DIMETHYLDODECYLAMINE N-OXIDE * N,N-DIMETHYLDODECYLAMINE OXIDE * N,N-DIMETHYLDODECYLAMINOXID (Czech) * DODECYLDIMETHYLAMINE OXIDE * n-DODECYLDIMETHYLAMINE OXIDE * LAURYLDIMETHYLAMINE OXIDE * NCI-C55129

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,76,72
eye-rbt 50 ug/24H SEV 28ZPAK -,76,72

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1000 mg/kg 28ZPAK -,76,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT BEHQ-1280-0376

JR6750000 DODECYLAMINE, HYDROCHLORIDE

UPDT:8401 CAS: 929-73-7 MW: 221.86 MOLFM: C12-H27-N Cl-H

BEST COPY AVAILABLE

SYN: DODECANAMINE HYDROCHLORIDE * 1-DODECANAMINE, HYDROCHLORIDE (9CI) * n-DODECYLAMINE HYDROCHLORIDE * DODECYLAMMONIUM CHLORIDE * n-DODECYLAMMONIUM CHLORIDE * LAURYLAMINE HYDROCHLORIDE * LAURYLAMMONIUM HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1R02 orl-mus LD50:755 mg/kg PCJOAU 15,383,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983.

n-DODECYLAMINE HYDROCHLORIDE see: JR6750000

JR6900000 DODECYLAMINE, N-METHYL-N-NITROSO-
UPDT:8412 CAS: 55090-44-3 MW: 228.43 MOLFM: C13-H28-N2-O
SYN: LAURYLAMINE, N-METHYL-N-NITROSO- * N-METHYL-N-NITROSOLAURYLAMINE * N-NITROSO-N-METHYL-N-DODECYLAMIN (German) * NITROSOMETHYL-n-DODECYLAMINE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,319,78

TUMORIGENIC DATA AND REFERENCES:
3V03J60M60 orl-rat TDLo:3600 mg/kg/30W-I FCTOD7 21,601,83
3V01L60L61 orl-gpg TDLo:8000 mg/kg/40W-I CNREAB 40,1879,80
3V01J60M60 orl-ham TDLo:2000 mg/kg/67W-I ZRROBW 90,227,77
3V01J60M60 scu-ham TDLo:3384 mg/kg/24W-I CALEDQ 13,165,81
3V01J60M60 orl-ham TD :3500 mg/kg/58W-I ZRROBW 90,227,77
3V01J60M60 scu-ham TD :3828 mg/kg/29W-I CALEDQ 13,165,81
3V03J60M60 orl-rat TD :6000 mg/kg/50W-I CNREAB 35,958,75
3V03J60M60 orl-rat TD :6720 mg/kg/2Y-C CNREAB 41,1268,81
3V03J60M60 orl-rat TD :4800 mg/kg/50W-I CNREAB 35,958,75
2V01M60 orl-rat TD :2688 mg/kg/28W-I ANTRD4 1,389,81

TOXICITY DATA AND REFERENCES:
orl-ham LD50:930 mg/kg ZRROBW 90,227,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-(DODECYLAMINO)ETHANOL HYDROCHLORIDE see: KK7600000 ETHANOL, 2-(DODECYLAMINO)-, HYDROCHLORIDE
7-(2-(DODECYLAMINO)ETHYL)THEOPHYLLINE see: XH5157500
N-(2-(DODECYLAMINO)-2-OXOETHYL)-N,N-DIMETHYLBENZENEMETHANAMINIUM CHLORIDE see: BO7525000
N-DODECYL-4-AMINOQUINALDINIUM ACETATE see: VA0350000
1-DODECYL-4-AMINOQUINALDINIUM ACETATE see: VA0350000
DODECYLAMMONIUM CHLORACETATE see: AF9107000
DODECYLAMMONIUM CHLORIDE see: JR6750000
n-DODECYLAMMONIUM CHLORIDE see: JR6750000
2-DODECYL-2-AZASPIRO(4.5)DECANE HYDROCHLORIDE see: CL9930000
DODECYL BENZENE SODIUM SULFONATE see: DB6825000
DODECYLBENZENSULFONAN SODNY (Czech) see: DB6825000
n-DODECYLBENZENESULFONIC ACID see: DB6600000
DODECYLBENZENESULFONIC ACID (DOT) see: DB6600000
DODECYLBENZENESULFONIC ACID SODIUM SALT see: DB6825000
DODECYLBENZENESULPHONATE, SODIUM SALT see: DB6825000
DODECYLBENZENESULPHONIC ACID see: DB6600000
1-DODECYLBIGUANIDE NITRATE see: DU1824500
DODECYLCARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FA6222000
DODECYLCARBAMYLMETHYLBENZYLDIMETHYLAMMONIUM CHLORIDE see: BO7525000
DODECYLDIMETHYLAMINE see: JR6600000
N-DODECYLDIMETHYLAMINE see: JR6600000
DODECYLDIMETHYLAMINE OXIDE see: JR6650000
n-DODECYLDIMETHYLAMINE OXIDE see: JR6650000
N-DODECYL-N',N'-DIMETHYLAMINOACETAMIDE BENZOCHLORIDE see: BO7525000
DODECYLENE see: UD1950000
DODECYLGLYCINE see: MC0356000
N-DODECYLGLYCINE see: MC0356000
n-DODECYLGUANIDINE ACETATE see: MF1750000
DODECYLGUANIDINE ACETATE see: MF1750000
DODECYLGUANIDINE ACETATE mixed with SODIUM NITRITE (3.5) see: MF1850000
rac-1-DODECYL-2-HYDRIDE-DECYL-2-METHOXY-GLYCEROPHOSPHOCHOLINE see: GA4026200
DODECYL p-HYDROXYBENZOATE see: DH2185600
DODECYL 4-HYDROXYBENZOATE see: DH2185600
alpha-DODECYL-omega-HYDROXY-POLYOXYETHYLENE see: MD0875000
2,2'-(DODECYLIMINO)BISETHANOL HYDROCHLORIDE see: KK7610000 ETHANOL, 2,2'-(DODECYLIMINO)BIS-, HYDROCHLORIDE
DODECYL MERCAPTAN see: JR3155000
1-DODECYL MERCAPTAN see: JR3155000
M-DODECYL MERCAPTAN see: JR3155000
tert-DODECYLMERCAPTAN see: JR3150000
terc.DODECYLMERKAPTAN (Czech) see: JR3150000
DODECYL METHACRYLATE see: OZ4300000
2-DODECYL-2-METHYL-2-AZONIASPIRO(4.5)DECANE IODIDE see: CO1746890
3-DODECYL-1-METHYL-2-PHENYLBENZIMIDAZOLIUM FERRICYANIDE see: DE2275000
1-DODECYL-1-METHYLPIPERAZINIUM CHLORIDE HYDROCHLORIDE see: TM3392400
DODECYL 2-METHYL-2-PROPENOATE see: OZ4300000
5-DODECYL-6-METHYL-4-PYRIMIDINOL see: UW6130000
1-(DODECYLOXYCARBONYLMETHYL)-1-(3-(p-METHOXYBENZYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4720000
2-(DODECYLOXY)ETHANOL HYDROGEN SULFATE SODIUM SALT see: KK7890000
2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)ETHANOL see: KK7870000
2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)ETHANOL HYDROGEN SULFATE SODIUM SALT see: KK7875000
1-(beta-(DODECYCLOXY)-p-ISOPROPYLPHENETHYL)PYRIDINIUM BROMIDE see: UU4017400
PYRIDINIUM, 1-(beta-(DODECYLOXOXY)-p-ISOPROPYLPHENETHYL)-, BROMIDE
DODECYLPHENOL (mixed isomers) see: SL3675000
DODECYL-POLYAETHYLENOXYD-AETHER (German) see: MD0875000
DODECYL POLY(OXYETHYLENE)ETHER see: MD0875000
DODECYLPRALIDOXIME see: UU4017200
DODECYL SODIUM ETHOXYSULFATE see: KK7890000
DODECYL SODIUM SULFATE see: WT1050000
DODECYL SULFATE, SODIUM SALT see: WT1050000
n-DODECYL THIOCYANATE see: XK9625000
tert-DODECYLTHIOL see: JR3150000
(DODECYLTHIO)PHENYLMERCURY see: QW3335000
DODECYL p-TOLYL TRIMETHYL AMMONIUM CHLORIDE see: BO3675000
DODECYLTRICHLOROSILANE see: VV3940000
DODECYL TRICHLOROSILANE (DOT) see: VV3940000
DODECYL TRIETHYLENE GLYCOL ETHER see: KK7870000
DODEMORFE (French) see: QE0610000
DODEMORPH see: QE0610G00
DODEMORPH ACETATE see: QE0610000
DODEX see: GG3750000
DODIGEN 226 see: BO3150000
DODIN see: MF1750000
DODINE see: MF1750000
DODINE ACETATE see: MF1750000
DODINE, mixture with GLYODIN see: MF1750000
DODINE mixed with SODIUM NITRITE (3.5) see: MF1850000

JS1600000 DODONAEA VISCOSA Linn., extract excluding roots
DEP:Indian plant belonging to the family SAPINDACEAE (UEBAG 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:
* spr-rat LD50:1 gm/kg UEBAG 16,228,78

DOE see: SM5075000
DOE see: SM5425000
1,4-DOEA 3,8-DAPFA (Russian) see: CB5746000
DOF see: LT0525000
DOFSOL see: VM6750000
DOGMATH see: BZ3400000
DOGMATYL see: BZ3400000
DOGUADINE see: MF1750000
DOHYNOESTROL see: SF7300000
DOHYNOLIC ACID see: VS2150000
DOIYOPICRIN see: PB6300000
DOKKIN see: VC5250000
DOKTACILLIN see: XM8350000
DOL see: GV4950000
DOLADENE see: BP7632500
DOLAMIN see: BS4500000
DOLAN, combustion products see: AT6975000
DOLANTAL see: NS5950000
DOLANTIN see: NS5950000
DOLANTIN HYDROCHLORIDE see: NS5950000
DOLANTOL see: NS5950000
DOLAREN see: NS5950000
DOLARIGAN see: NS5950000
DOLCOL see: UV1153800
DOLCO MOUSE CEREAL see: WL2275000
DOLCONTRAL see: NS5775000
DOLCONTRAL see: NS5950000

JS3325000 DOLCOUBIN
UPDT:8305

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:924 mg/kg FCTXAV 2,327,64

DOLCYMINE see: GZ5950000
DOLCLAM gel B see: VO0700000
DOLENAL see: NS5950000
DOLENE see: EL3000000
DOLENOL see: NS5950000
DOLEN-PUR see: EJ0700000
DOLESTAN see: KR7000000
DOLESTINE see: NS5950000
DOLGIN see: MU6640000
DOL GRANULE see: GV4900000
DOLICHANDAM EXTRACT (Indian) see: JS3880000

JS3880000 DOLICHANDRONE ARCUATA Clarke, extract excluding roots
DEP:Indian plant belonging to the family BIGNONIACEAE (UEBAG 12,512,74)
UPDT:8302
SYN: DOLICHANDAN EXTRACT

TOXICITY DATA AND REFERENCES:
1M10 spr-mus LD50:600 mg/kg UEBAG 12,512,74

JS3885000 DOLICHOS FALCATUS Klein, extract excluding roots
DEP:Indian plant belonging to the family LEGUMINOSAE (UEBAG 11,43,73)
UPDT:8302
SYN: BAN SEM EXTRACT

TOXICITY DATA AND REFERENCES:
* spr-mus LD50:1000 mg/kg UEBAG 11,43,73

JS3887000 DOLICHOS FALCATUS Klein, total root saponins
UPDT:8403
SYN: DOLICHOS FALCATUS Klein, total saponins, root

TOXICITY DATA AND REFERENCES:
2J25V30 orl-mus LD50:510 mg/kg CYLPDN 3,286,82
2J25V30 spr-mus LD50:14900 ug/kg CYLPDN 3,286,82

DOLICHOS FALCATUS Klein, total saponins, root see: JS3887000
DOLICHOVESPULA MACULATA VENOM see: YX3952800
DOLICUR see: PV6210000
DOLIGUR see: PV6210000
DOLIN see: NS5950000
DOLIPOL see: YS4550000
DOLIPRANE see: AF4200000
DOLISINA see: SO4200000
DOLIXWAL AMARANTH see: QJ6550000
DOLIXWAL BRILLIANT BLUE see: BQ4725000
DOLIXWAL ERYTHROSINE see: LM5950000
DOLIXWAL INDIGO CARMINE see: DU3000000
DOLIXWAL ORANGE SS see: QL5425000
DOLIXWAL PONCEAU 3R see: QJ6650000
DOLIXWAL SUNSET YELLOW see: QK2450000
DOLIXWAL TARTRAZINE see: UQ6400000
DOLIXWAL YELLOW AB see: QM4725000
DOLIXWAL YELLOW OB see: QM5400000
DOLMIX see: GV4950000
DOLOBID see: DV2030000
DOLOBIL see: DV2030000
DOLOBIS see: DV2030000
DOLOCAP see: EL3000000
DOLOCHLOR see: PB6300000
DOLOCAL see: NS5950000
DOLOMATE see: CB2687000
DOLOMIDE see: VN6475000
DOLOMEURINE see: NS5950000
DOLOMIL see: US7875000
DOLOPETHON see: NS5950000
DOLOPHIN see: MJ5950000
DOLOPHINE see: MJ5950000
DOLOPHINE see: MJ6300000
DOLOPHINE HYDROCHLORIDE see: MJ6130000
DOLOPHINE HYDROCHLORIDE see: MJ6300000
d-DOLOPHINE HYDROCHLORIDE see: MJ6650000
l-DOLOPHINE HYDROCHLORIDE see: PJ6675000
DOLOPHIN HYDROCHLORIDE see: MJ6130000
DOLOSAL see: NS5775000
DOLOSAL see: NS5950000
DOLOSTOP see: AM4375000
DOLOVIN see: ML3500000
DOLOXENE see: QK1600000
DOLOXENE see: EL3000000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

DOLPHINE see: MJ6300000
DOLSIMA see: SQ4200000
DOLSIN see: NS5775000
DOLVANOL see: NS5950000
DOLVIRAN see: AM4375000
DOM see: QN0160000
DOMAFATE see: SI1400000
DOMAGK'S T.B.1 CONTEBEN see: AE3850000
DOMAEOL see: AE3850000
DOMALIUM see: DF1575000
DOMAR see: DF2375000
DOMARAX see: FB3325000
DOMATOL see: XZ3850000
DOMATOL 88 see: XZ3850000
DOMESTROL see: WJ5600000
DOMF see: LM5250000
DOMIAN see: WO9270000
DOMICAL see: HO9450000
DOMICILLIN see: XM8400000
DOMINAL see: UU8576000
DOMOLITE see: EV9580000
DOMOSO see: PV6210000
DOMPERIDONE see: DE2275900
DOMUCOR see: AJ1460000
DON see: RC6340000
DONAX SERRA POISON see: QG5223970
DONMOX see: AC8225000
DONOPON see: YM3500000
DONOREST see: XJ1890000
DONOVAN'S SOLUTION see: CG3200000
DOOJE see: QC8050000
DOP see: TI0350000
DOP see: UY5770000
DOPA see: AY5600000
(-)-DOPA see: AY5600000
L-DOPA see: AY5600000
DOPAFLEX see: AY5600000
DOPAIDAN see: AY5600000
DOPAL see: AY5600000
DOPAL-FHER see: AY5600000
DOPALINA see: AY5600000
DOPAMET see: AY5950000
L-DOPA METHYL ESTER see: AY5960000
DOPAMINE see: UX1088000
DOPAMINE CHLORIDE see: UX1092000
DOPAMINE HYDROCHLORIDE see: UX1092000
DOPAN see: YQ9000000
DOPANE see: YQ9000000
DOPAR see: AY5600000
DOPAREINE see: AY5600000
DOPARL see: AY5600000
DOPASOL see: AY5600000
DOPASTON see: AY5600000
DOPASTRAL see: AY5600000
DOPATEC see: AY5950000
DOPEGYT see: AY5950000
DOPIDRIN see: SH5075000
DOPN see: JL9678000
DOPRAM see: UY5770000
DOPRIN see: AY5600000
DOQUADINE see: MF1750000
DORAL see: KE1050000
DORANTAMIN see: UT0875000
DORAPHEN see: FL3000000
DORBANE see: CB6650000
DORBANEX see: CB6650000
DORCOSTRIN see: HG0525000
DOREVANE see: UC1935000
DORICO see: CQ3625000
DORICO SOLUBLE see: CQ7800000
DORIDEN see: MA4725000
DORIDEN-SED see: MA4725000
DORINAMIN see: NK7875000
DORISON see: SC4900000
DORISUL see: WO9030000
DORLYL see: KV0350000
DORM see: CQ3325000
DORMABROL see: TZ0175000
DORMAL see: FM8750000
DORMALEST see: SC4200000
DORMALLYL see: CQ3325000
DORME see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
DORMETHAN see: QD0722000
DORMICUM see: NI2922200
DORMICUM MALEATE see: NI2922200
DORMIDIN see: SC4900000
DORMIGEN see: SC4900000
DORMIGENE see: YS3150000
DORMIGOA see: VA3850000
DORMIN see: UT1a00000
DORMINA see: CQ6825000
DORMINAL see: CQ5250000
DORMIOL see: KL9950000
DORMIPHEN see: SC4900000
DORMIRAL see: CQ6825000
DORMISON see: SC4900000
DORMITURIN see: YS2975000
DORMOCIT see: SC4900000
DORMODOR see: DH0875000
DORMOGEN see: VA3850000
DORMONAL see: CQ3500000
DORMONE see: AG6825000
DORMOSAN see: SC4900000
DORMUTIL see: VA3850000
DORNWAL see: UV1140000
DORNWALL see: UV1140000
DORONINE see: VS3585000
DORSACAINE see: DG1502900
DORSACAINE HYDROCHLORIDE see: DG1502900
DORSALLIN A.R. see: XM9450000
DORSEDIN see: VA3850000
DORSIFLEX see: RQ3500000
DORSILON see: RQ3500000
DORSITAL see: CQ5775000
DORSULFAN see: WO9100000
DORVICIDE A see: DV7700000
DORVON see: WL6475000
DORVON FR 100 see: WL6475000
DORYL see: GA0875000
DORYL (PHARMACEUTICAL) see: GA0875000
DOS see: VS1000000
DOSAFLO see: YS5775000
DOSAGRAN see: YS5775000
DOSANEX see: YS5775000
DOSANEX FL see: YS5775000
DOSANEX MG see: YS5775000
DOSCALUN see: CQ6825000
DOSEGRAN see: SO5775000
DOSULEPIN see: UI1555000
DOSULEPIN CHLORIDE see: HQ2975000
DOSULEPIN HYDROCHLORIDE see: HQ2975000
D.O.T. see: XS4200000
DOTAN see: ID5170000
DOTC see: WH7247000
DOTG see: WH6723000
DOTG ACCELERATOR see: MF1400000
DOTHIEPIN see: UI1555000
DOTHIEPIN HYDROCHLORIDE see: HQ2975000
DOTMENT 324 see: BD1200000
DOTMENT 358 see: BD1200000

JT2359500 DOTRIACOLIDE
DEF Produced by MICROMONOSPORA ECHINOSPORA MG299-HF35 (JANTAJ 35,82-173,82)
UPDT:8311 MW: 1081.36 MOLFM: C40-H74-O18-S4 4Na H2-O
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 ug/kg JANTAJ 35,82-173,82

DOTYCIN see: KF4375000

JT2380000 DOUBLE-NOCTIN
DEF A mixture of CAPTAN fungicide plus nitrogen fixing bacteria (FMCHA2 - C88,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9000 mg/kg FMCHA2 - C88,83

DOUBLE STRENGTH see: UF8225000
DOVIP see: TF7650000
DOW 209 see: WL6478000
DOW 213 see: AT6970000
DOW 234 see: WL6478000
DOW 300 see: AT6970000
DOW 360 see: WL6475000
DOW 440 see: AT6970000
DOW 456 see: WL6475000
DOW 460 see: WL6478000
DOW 500 see: AT6970000
DOW 620 see: WL6478000
DOW 665 see: WL6475000
DOW 680 see: WL6478000
DOW 816 see: WL6478000
DOW 860 see: WL6475000
DOW 874 see: KV9750000
DOW 1329 see: TB5075000
DOW 1683 see: WL6475000
DOWANOL see: UB8050000
DOWANOL see: KK8750000
DOWANOL 33B see: UB7700000
DOWANOL-50B see: JM1575000
DOWANOL 62B see: UB8050000
DOWAPOL DB see: KJ9100000
DOWANOL DM see: KL6125000
DOWANOL DPM see: JM1575000
DOWANOL EB see: KJ8575000
DOWANOL EE see: KK8050000
DOWANOL EIPAT see: KL5075000
DOWANOL EM see: KL5775000
DOWANOL EP see: KM0350000
DOWANOL EPH see: KM0350000
DOWANOL TE see: KK8950000
DOWANOL TMAT see: KL6390000
DOWCHLOR see: PB9800000
DOWCIDE 1 see: DV5775000
DOWCIDE 7 see: SM6300000
DOWCO 118 see: TB5075000
DOWCO 132 see: TB3850000
DOWCO 139 see: FC0700000
DOWCO-163 see: US7525000
DOWCO 169 see: TD2800000
DOWCO 179 see: TF6300000
DOWCO-182 see: TC0270000
DOWCO-183 see: TB3900000
DOWCO 186 see: WH8575000
DOWCO-199 see: TB2050000
DOWCO-213 see: WH8750000
DOWCO 214 see: TG0700000
DOWCO 217 see: TC5450000
DOWCO 233 see: AJ9000000
DOWCO 275 see: TF3300000
DOW CORNING 200 see: JM9237000
DOW CORNING 200 see: VW3370000
DOW CORNING 346 see: TQ2690000
DOW CORNING 561 see: VW3370000
DOW CORNING 790 see: TQ2700000
DOW CORNING 795 see: TQ2700000
DOW CORNING 929 see: TQ2700000
DOW CORNING 3110 see: TQ2700000
DOW CORNING 3112 see: TQ2700000
DOW CORNING 3120 see: TQ2700000
DOW CORNING 3-5000 CONSTRUCTION COATING see: TQ2700000

JT6485000 DOW CORNING 360 FLUID
UPDT:8401 CAS: 63148-62-9

BEST COPY AVAILABLE

SYN: ANTIFOAM FD 62 * DC 380 * KO 08 * PMS 15 * PMS 300 * PMS 154A * PMS 200A * PNS 25 * S DC 200 * SILAX M 10 * SILICONE 360 * SILICONE DC 200 * SILICONE DC 360 * SILICONE DC 360 FLUID * SILICONE RELEASE L 45 * SILIKON ANTIFOAM FD 62 * SKOXAMES and SILICONES, Di-Me * UC LIQUID G * UNION CARBIDE LIQUID G * XF-13-563

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46 scu-rat TDLo:10 gm/kg (6-15D preg) JTEHD6 1,909,76
1T71 scu-rat TDLo:8 gm/kg (15-22D preg) JTEHD6 1,909,76
2T35T45 scu-rbt TDLo:260 mg/kg (6-18D preg) JTEHD6 1,909,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DOW-CORNING 200 FLUID-LOT No.AA-4146 see: VW3370000
DOW-CORNING 200 FLUID-LOT NO.AA-4163 see: VW3380000
DOW DEFOLIANT see: AG1400000
DOW DORMANT FUNGICIDE see: SM6490000
DOW ET 14 see: TG0525000
DOW ET-15 see: TB5950000
DOW ET 57 see: TG0525000
DOWFLAKE see: EV9800000
DOWFROST see: TY2000000
DOWFUME see: PA4900000
DOWFUME 40 see: KH9275000

JT7700000 DOWFUME EB-15
UPDT:8412

TOXICITY DATA AND REFERENCES:

2F01L30 orl-rat LD50:290 mg/kg AMIHAB 13,1,56

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DOWFUME EDB see: KH9275000
DOWFUME MC 2 see: PB6325000
DOWFUME MC 33 see: PB6325000
DOWFUME MC-2 SOIL FUMIGANT see: PA4900000
DOWFUME N see: TX9800000
DOWFUME W-8 see: KH9275000
DOWFUME W-85 see: KH9275000
DOWFUME W-90 see: KH9275000
DOWFUME W-100 see: KH9275000
DOW GENERAL see: SJ9800000
DOW GENERAL WEEC KILLER see: SJ9800000
DOWICIDE see: DV7700000
DOWICIDE 1 see: DV5775000
DOWICIDE 2 see: SN1400000
DOWICIDE 6 see: SM9275000
DOWICIDE 7 see: SM6300000
DOWICIDE A see: DV7700000
DOWICIDE A & A FLAKES see: DV7700000
DOWICIDE 1 ANTIMICROBIAL see: DV5775000
DOWICIDE B see: SN1400000
DOWICIDE B see: SN2750000
DOWICIDE EC-7 see: SM6300000
DOWICIDE G see: SM6300000
DOWICIDE G see: SM6490000
DOWICIDE G-ST see: SM6490000
DOWICIDE 25 see: SN1575000
DOWIZID A see: DV7700000
DOW LATEX 612 see: WL6478000
DOW LATEX 874 see: KV9750000
DOWLEX see: TR2725000
DOWLEX FILM see: TQ3325000
DOW MCP AMINE WEED KILLER see: AG1575000
DOW MX 5514 see: WL6475000
DOW MX 5516 see: WL6475000
DOWMYCIN E see: KF5790000
DOW PENTACHLOROPHENOL DP-2 ANTIMICROBIAL see: SM6300000
DOWPEN V-K see: XH9275000
DOW-PER see: KX3850000
DOWPON see: UF0690000
DOWPON see: UF1225000
DOWPON M see: UF0690000
DOW SEED DISINFECTANT NO. 5 see: DK6825000
DOW SELECTIVE WEED KILLER see: SJ9800000
DOW SODIUM TCA INHIBITED see: AJ7875000
DOW SODIUM TCA INHIBITED see: AJ9100000
DOWSPRAY 17 see: SK6650000
DOWTEX TL 612 see: WL6478000
DOWTHERM see: DV1500000
DOWTHERM 209 see: UB7700000
DOWTHERM A see: DV1500000
DOWTHERM E see: CZ4500000
DOWTHERM SR 1 see: KW2975000
DOW-TRI see: KX4550000
DOWZENE DNC see: TL4025000
D-OX see: JP2100000
DOXAPRAM HYDROCHLORIDE see: UY5770000
DOXAPRAM HYDROCHLORIDE HYDRATE see: UY5770000
DOXCIDE 50 see: FO3000000
DOXEPHIN see: SH5075000
DOXEPHRIN see: SH5075000
DOXEPIN see: HQ4300000
DOXEPIN HYDROCHLORIDE see: HQ4375000
DOXERGAN see: SO5775000
DOXICICLINA (Italian) see: QI8650000
DOXIGALUMICINA see: QI8925000
DOXINATE see: WN0525000
DOXIUM see: DB6127000
DOXO see: HG0525000
DOXOL see: WN0525000
DOXORUBICIN see: AV9800000
DOXORUBICIN HYDROCHLORIDE see: QI9295900
DOXYCYCLINE see: QI8650000
DOXYCYCLINE HYCLATE see: QI8925000
DOXYCYCLINE HYDROCHLORIDE see: QI8925000
DOXYFED see: SH5075000
DOXYFED see: SH5425000
DOXY-II see: QI8925000
DOXYLAMINE see: US9250000
DOXYLAMINE SUCCINATE see: US9275000
DOXYLAMINE SUCCINATE (1:1) see: US9275000
DOXPICODIN HYDROCHLORIDE see: UT5495000
DOXPICOMINE HYDROCHLORIDE see: UT5495000

JU2650000 DOXYPYRROMYCIN
UPDT:8408 MW: 569.66 MOLFM: C30-H35-N-O10

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:16500 ug/kg JANTAJ 32,79-39,79
1V30 ivn-mus LD50:18100 ug/kg JANTAJ 32,79-39,79

DOXY-TABLINEN see: QI8925000
DOZAR see: UT1750000
DOZER see: AJ8225000
2,4-DP see: UF1050000
DP 35 see: AT6970000
2-(2,4-DP) see: UF1050000
DPA see: AH2515000
DPA see: JJ7800000
DPA see: JJ9275000
DPA see: UE4900000
n-DPA see: YV7875000
DPA 1 see: SI0787000
DPA 2 see: SH6005000
2,2-DPA see: UF1225000
DPA 132 see: XH5922320
DPA 300 see: KL7366000
DPA 301 see: UT5635200
DPA 302 see: UT5635300
DPA 303 see: UT5635400
DPA 304 see: SH0684500
DPA 305 see: SG2350000
DPA 307 see: KL7366630
DPA 306 see: SH7890000
D-P-A INJECTION see: ES4316000
DPA SODIUM see: YV7876000
DPBS see: SK9100000
DPC see: GQ5775000
D & P DOUBLE O CRABGRASS KILLER see: GS6825000
DPG see: MF0875000
DPG ACCELERATOR see: MF0875000
2,4-D PGBE see: AG7800000
DPH see: MU1050000
DPH see: MU1400000
DPID see: HO1575000
DPMA see: GZ0670000
DPN see: JL9700000
DPNA see: JL9700000
D 50 (POLYMER) see: AK0920000
DPP see: TI1930000
DPP see: US7700000
DPP see: TF4550000
DPPD see: ST2275000
DPRON see: PB1300000
DPT see: XJ4025000
3,5-DPT see: XZ4803000
DPX 1108 see: OC5180000
DPX 1410 see: RP2300000
DP X 1410 see: AC2700000
DPX 3217 see: AB5957000
DPX 3674 see: XY7850000
DPX 4189 see: YS6640000
DPX 3217M see: AB5957000
DQ12 see: VV7330000
DQDA 1868 see: TQ3325000
DQV-K see: XH9275000
DQWA 0355 see: TQ3325000
DRABET see: YS4550000

JU4150000 DRACAENA ANGUSTIFOLIA Roxb., extract excluding roots
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 12,512,74)
UPDT:8302

TOXICITY DATA AND REFERENCES:

3D35H30M10 ipr-mus LD50:175 mg/kg IJEBA6 12,512,74

JU4155000 DRACAENA FRAGRANS Ker-Gawl. var. LINDENII Hort., extract excluding roots
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:

2M10V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

JU4160000 DRACAENA SANDERIANA Hort. Sand., leaf extract
UPDT:8408

TOXICITY DATA AND REFERENCES:

ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76

DRACYLIC ACID see: DG0875000
DRAGIL-P see: WI4550000
DRAKEOL see: PY8030000
DRALASTIC see: AT6970000
DRALON, combustion products see: AT6975000
DRALZINE see: TH9000000
DRAMAMIN see: XH5082000
DRAMAMINE see: XH5082000
DRAMARIN see: XH5082000
DRAMYL see: XH5082000
DRAPEX 4.4 see: LH8024000
DRAPOLENE see: BO3150000
DRAPOLEX see: BO3325000
DRAPOLEX see: BO3150000
DRAT see: NK5335000
DRAWIN 755 see: EL9215000
DRAWINOL see: FF9100000
DRAZA see: FC5775000
DRAZOXOLON see: NY2800000
DRAZOXOLONE see: NY2800000
DRB see: DD7310000
DRB see: XK9450000
DRC-714 see: TB4725000
DRC 1201 see: UE6050000
DRC 1201 METHYLGLUCAMINE SALT see: UE6100000
DRC 1339 see: XU5111000
DRC 3341 see: FC8050000
DREFT see: WT1050000

JU6145000 DREGEA VOLUBILES Benth. ex Hook. f., extract
DEF:Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 16,228,78)
UPDT:8412

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:300 mg/kg IJEBA6 16,228,78
DRENAMIST see: DO2625000
DRENE see: WT1000000
DRENOL see: DK9100000
DRENUSIL-R see: ZG0350000

JU6185400 DREXEL VETO
DEF:Contains 3 pounds EPN, 3 pounds METHYL PARATHION (FMCHA2 -,C90,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:9 mg/kg FMCHA2 -,C90,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
DREWMULSE POE-SMO see: WG2932500
DREWMULSE TP see: RG1925000
DREWMULSE V see: RG1925000
DREWSORB 60 see: WG2933500
DREXEL see: YS8925000
DREXEL DEFOL see: FO0525000
DREXEL DIURON 4L see: YS8925000
DREXEL DSMA LIQUID see: PA2275000
DREXEL METHYL PARATHION 4E see: TG0175000
DREXEL PARATHION 8E see: TF4550000
DREXEL-SUPER P see: UR5950000
DRICOL see: PB0870200
DRI-DIE INSECTICIDE 67 see: VV7310000
DRIDOL see: DE2100000
DRI-KIL see: DJ2800000
DRILL TOX-SPEZIAL AGLUKON see: GV4900000
DRINALFA see: SH5075000
DRINALFA see: SH5425000
DRINAMYL see: CQ5250000
DRINOX see: IO2100000
DRINOX see: PC0700000
DRINOX H-34 see: PC0700000
DRINUPAL HYDROCHLORIDE see: DU1750000
DRISDOL see: KE1050000
DRI-TRI see: TC9490000
DROCODE see: QD1680000
DROFENINE HYDROCHLORIDE see: GU6825000
DROLEPTAN see: DE2100000
DROMILAC see: SF7950000
DROMISOL see: PV6210000
levo-DROMORAN TARTRATE see: QD1925000
DROMOSTANOLONE see: BV8060020
DROMYL see: XH5082000
DRONACTIN see: TM7000000
DRONCIT see: UQ4150000
DRON EXTRACT (Indian) see: OG9580500
DROPCILLIN see: XH9400000
DROPERIDOL see: DE2100000
DROP LEAF see: FO0525000
DROPP see: YU1395000
DROPRENILAMINE HYDROCHLORIDE see: UI0672500
DROPSPRIN see: VN6475000
DROSOPHILIN B see: MC5408000
DROSOPHOLIN B see: MC5408000
DROSTANOLONE see: BV8060020
DROTEBANOL see: QC8900000
DROXICAINID (German) see: TK6020200
DROXICAINIDE see: TK6020200
DROXOL see: DE9450000
DROXOLAN see: FZ2100000
DROXONE see: TU5011700
DRP 859025 see: XZ2100000
DRUMULSE AA see: RG1925000
DRUPINA 90 see: ZH0525000
DRW 1139 see: XZ3015000
DRY AND CLEAR see: DM8575000
DRY ICE see: FF6400000
DRY ICE (DOT) see: FF6400000
DRYISTAN see: KP6825000
DRYLIN see: UV8240000
DRYLISTAN see: KR6825000
DRY MIX NO. 1 see: SK6650000

JU8240000 DRYNARIA QUERCIFOLIA (L.) J. Smith, rhizome extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: GURUR RHIZOME EXTRACT
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69
DRYOBALANOPS CAMPHOR see: ED7000000

JU8260000 DRYOPTERIS FILIX-MAS, extract
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T09 orl-rat TDLo:200 mg/kg (1D male) ARZNAD 26,261,76
1T09 orl-mus TDLo:2 gm/kg (1D male) ARZNAD 26,261,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JU8300000 DRYPETES GOSSWEILERI S.M., stem bark extract
DEF:African plant belonging to the family EUPHORBIACEAE (TOERD9 1,329,78)
UPDT:8306
TOXICITY DATA AND REFERENCES:
3J16J22K30 ipr-mus LDLo:5 gm/kg TOERD9 1,329,79

JU8320000 DRYPETES VENUSTA (Wt.) Pax & Hoffm., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77
DRYPTAL see: CB2625000
DS see: WS7875000
DS-51 see: TC5620000
DS 8620 see: UD1842000
DS-15647 see: EL8200000
DS 18302 see: FF9100000
DS-25881 see: CB9725800
DS-29399 see: UR5700000 1-PYRIDAZINEACETIC ACID, 1,6-DIHYDRO-5-CYANO-3,4-DIPHENYL-6-OXO-,ETHYL ESTER
DSDP see: TF0525000
DSE see: FA6825000
DS-M-1 see: HH9290000
DSMA see: PA2275000
DSMA LIQUID see: PA2275000
DS-Na see: FZ9600000
2,4-D SODIUM SALT see: AG8925000
DSP see: WC4500000
DSS see: BY8925000
D-S-S see: WN0525000
DS SUBSTANCE see: NM2450000
DST see: WK2450000
DST 50 see: WL6478000
DST 75 see: WL6478000
D-40TA see: XZ5473500
DT see: XH5100000
DT see: XP2071000
DTA see: QL0700000
DTAS see: CH6875000
DTB see: EC1575000
DTB see: LZ5787000

JU9496200 DTB 2
UPDT:8306 CAS: 66555-02-0
TOXICITY DATA AND REFERENCES:
° unk-rat LD50:4590 mg/kg GISAAA 47(3),21,82
° unk-mus LD50:3865 mg/kg GISAAA 47(3),21,82
DTBP see: ER2450000
DTBT see: WH6734000
DTDP see: TI1950000
DTE see: KF2410000
DTHYD see: XP2071000
DTIC see: NI3950000
DTIC-DOME see: NI3950000
DTMC see: DC8400000
DTPA see: MB8205000
DTS see: WM7650000
DTT see: XO8576500
DU see: YQ9630000
DU 112307 see: YS6200000

JV0310000 DUABANGA SONNERATIOIDES Ham., stem bark extract
DEF:Indian plant belonging to the family SONNERATIACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71
DUAL see: AN3430000
DUATOX see: WP2360000
DUBIMAX see: LU5800000
DUBORIMYCIN see: QI9335000
DUBOS CRUDE CRYSTALS see: YP2975000
DUBRONAX see: BY8925000
DUCKALGIN see: AZ5820000
DUCOBEE see: GG3750000
DUDHALI EXTRACT (Indian) see: ZD2308000
DUDHIALATA EXTRACT (Indian) see: JW4960000
DUDHI EXTRACT (Indian) see: ZD2308500
DUDH KALMI ROOT EXTRACT (Indian) see: RL1390000
DUFALONE see: GN7875000
DUFASTON see: TU3671000
DUGRO see: NI6803000
DUIRAMID see: AC8225000
DUKERON see: KX4550000
DUKSEM see: DF1575000
DULCIDOR see: FM9450000
DULCIN see: YT2275000
DULCINE see: YT2275000
DULCITOLDIEPOXIDE see: LW5320000
DULL 704 see: TQ9800000
DULSIVAC see: WN0525000
DULZOR-ETAS see: GV7350000
DUMASIN see: GY4725000
DUMITONE see: BY8925000
DUMOCYCIN see: QI9100000
DUMOGRAN see: BV8400000
DUNCAINE see: AN7525000
DUNCAINE HYDROCHLORIDE see: AN7600000
DUNERYL see: CQ6825000
DUNKELGELB see: QL4900000
DUODECANE see: JR2125000
DUODECIBIN see: GG3750000
DUODECYL ALCOHOL see: JR5775000
DUODECYLIC ACID see: OE9800000
DUODECYLIC ALDEHYDE see: JR1910000
DUOGASTRONE see: RK0250000
DUO-KILL see: GQ5075000
DUO-KILL see: TC0350000
DUOLAX see: CB6650000
DUOLIP see: UE9516500
DUOLUTON see: JF8300000
DUOMEEN T-TNT COMPLEX see: JV2695000

JV2695000 DUOMEEN, complex with 2,4,6-TRINITROTOLUENE
UPDT:8303
SYN: DUOMEEN T-TNT COMPLEX * TNT-DUOMEEN COMPLEX * 2,4,6-TRINITROTOLUENE complex with DUOMEEN
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate BECTA6 28,33,82
mma-sat 50 ug/plate BECTA6 28,33,82
DUOMYCIN see: QI7750000
DUOQUAD T-50-TNT COMPLEX see: JV2870000

JV2870000 DUOQUAD T 50, complex with 2,4,6-TRINITROTOLUENE
UPDT:8303
SYN: DUOQUAD T-50-TNT COMPLEX * TNT-DUOQUAD T 50 COMPLEX * 2,4,6-TRINITROTOLUENE complex with DUOQUAD T 50
MUTATION DATA AND REFERENCES:
mma-sat 500 ng/plate BECTA6 28,23,82
DUOSAN see: OP0480000
DUOSAN (PESTICIDE) see: OP0480000
DUOSCORB see: CI7650000
DUOSOL see: WN0525000
DUO-STREPTOMYCIN see: BD9115000
DUOTRATE see: RZ2620000
DUPHAR see: WR5850000
DUPHASTON see: TU3671000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

DUPLEX PERMATON RED L 20-7022 see: QL3436000
DUPLEX RED LAKE C20-5925 see: DB5500000
DUPLEX TOLUIDINE RED L 20-3140 see: QI4247000
DUPON 4472 see: XM6886000
DUPONAL see: WT1050000
DUPONAL WAQE see: WT1050000
DUPONOL see: WT1050000
DUPONOL see: WB7350000
DUPONOL 80 see: WT1175000
DUPONOL C see: WT1050000
DUPONOL ME see: WT1050000
DUPONOL METHYL see: WT1050000
DUPONOL QX see: WT1050000
DUPONOL WA see: WT1050000
DUPONOL WAQ see: WT1050000
DUPONOL WAQA see: WT1050000
DUPONOL WAQE see: WT1050000
DUPONOL WAQM see: WT1050000
DU PONT 326 see: YS9100000
DU PONT 328 see: XI2625000
DU PONT 732 see: YQ9360000
DUPONT 1179 see: AK2975000
DU PONT 1335 see: DE3000000
DU PONT 1519 see: FC1925000
DU PONT 1642 see: AB2955000
DU PONT 1804 see: FC2000000
DU PONT 1991 see: DD6475000
DU PONT FUNGICIDE 328 see: XI2625000
DUPONT FUNGICIDE 4472 see: XM6886000
DUPONT HERBICIDE 326 see: YS9100000
DU PONT HERBICIDE 732 see: YQ9360000
DU PONT INSECTICIDE 1179 see: AK2975000
DU PONT INSECTICIDE 1335 see: DE3000000
DU PONT INSECTICIDE 1519 see: FC1925000
DUPONT INSECTICIDE 1642 see: AB2955000
DU PONT INSECTICIDE 1804 see: FC2000000
DUPONT PC CRABGRASS KILLER see: GS6825000
DU PONT WK see: MD0875000
DUPRENE see: EI9660000
DURABIOTIC see: XH9425000
DURABOLIN see: KG7995000
DURABOLIN-Q see: RC8961100
DURABORAL see: RC8961100
DURACILLIN see: XH9450000
DURA CLOFIBRAT see: UE9480000
DURAD see: TD0175000
DURA DEX see: SI1400000
DURA-ESTRADIOL see: KG5793000
DURAFUR BLACK R see: SS8050000
DURAFUR BLACK RC see: ST0350000
DURAFUR BROWN see: ST3000000
DURAFUR BROWN MN see: ST2705000
DURAFUR BROWN 2R see: ST3000000
DURAFUR BROWN RB see: SJ5075000
DURAFUR DEVELOPER C see: UX1050000
DURAFUR DEVELOPER D see: QL2800000
DURAFUR DEVELOPER G see: VG9625000
DURAL see: BD1200000
DURALUTON see: TU5085000
DURAMAX see: VO0700000
DURAN see: YS8925000
DURANEST see: EJ3617000
DURANIT see: WL6478000
DURANIT 40 see: WL6478000
DURANOL BRILLIANT BLUE CB see: CB0540000
DURANOL BRILLIANT YELLOW G see: CX5083000
DURANOL BRILLIANT YELLOW 6G see: CX5083000
DURANOL ORANGE G see: CB5740000
DURA-PENITA see: XH9425000
DURAPHOS see: GQ5250000
DURASET see: TH8500000
DURASET 20W see: TH8500000
DURA-TAB S.M. AMINOPHYLLINE see: XH5600000
DURATION see: SK1225000
DURATOX see: TG1760000
DURATOX see: TG1750000
DURAVOS see: GQ5075000
DURAVOS see: TC0350000
DURAX see: DL6250000
DURAZOL BROWN BR see: GL7375000
DURETHAN BK see: TQ9800000
DURETHAN BK 30S see: TQ9800000
DURETHAN BKV 30N see: TQ9800000
DURETHAN BKV 55H see: TQ9800000
DURETTER see: NO8500000
DURGACET YELLOW G see: AC3662000
DUROCHROME BLUE OCG see: QK2195000
DUROCHROME CYANINE G see: QK2195000
DUROCHROME FAST CYANINE 6BN see: QK2195000
DUROCHROME YELLOW 2RN see: VO5310000
DUROFAST BROWN BRL see: GL7375000
DUROFERON see: NO8500000
DUROFOL P see: KV0350000
DUROID 5870 see: KX4025000
DUROMINE see: SH4025000
DUROPENIN see: XH9425000
DUROPHET see: SI1750000
DUROPROCIN see: WP0110000
DUROSPERSE YELLOW G see: AC3662000
DUROTOX see: SM6300000
DUROX see: WP0400000
DURSBAN see: TF6300000
DURSBAN F see: TF6300000
DURSBAN METHYL see: TG0700000
DURTAN 60 see: WG2933500
DUSICNAN BARNATY (Czech) see: CQ9625000
DUSICNAN KADEMNATY (Czech) see: EV1850000
DUSICNAN ZIRKONICITY (Czech) see: ZH8750000
DUSITAN DICYKLOHEXYLAMINU (Czech) see: HY4200000
DUSITAN SODNY (Czech) see: RA1225000
DUSOLINE see: FZ8400000
DUSORAN see: FZ8400000
DUSOTAL see: CQ5250000
DU-SPREX see: DI3500000
DUST, COAL see: GF8281000
DUST M see: TB9100000
DUS-TOP see: OM2800000
DUTCH LIQUID see: KI0525000
DUTCH OIL see: KI0525000
DUTCH-TREAT see: CH7700000
DUTER see: WH8575000
DU-TER see: WH8575000
DU-TER W-50 see: WH8575000
DUTOM see: YV9103000
N-DUTYLNORSYMPATHOL see: DN9200000
DUVADILAN see: DO8050000
DUVADILAN see: DO8225000
DUVARON see: TU3671000
DUVILAX see: AK0920000
DUVILAX BD 20 see: AK0920000
DUVILAX HN see: AK0920000
DUVILAX LM 52 see: AK0920000
DUXEN see: DF1575000
DV see: SL0580000
DV 4 see: EB2780000
DV-17 see: TU4065000
DV-79 see: GU8400000
DV 400 see: TR0400000
DVEDEG (Russian) see: KN3850000
D3-VIGANTOL see: VS2900000
DW-61 see: DJ2450000
DW 62 see: LK8400000
DW3418 see: UG1490000
DWALE see: CT3750000
DWARF PINE NEEDLE OIL see: TK5500000
DWELL see: XI3875000
DWUBROMOETAN (Polish) see: XH9275000
DWUCHLOROCZTEROFLUOROETAN (Polish) see: KI1100000
DWUCHLORODWUETYLOWY ETER (Polish) see: KN0875000
DWUCHLORODWUFLUOROMETAN (Polish) see: PA8200000
2,4-DWUCHLOROFENOKSYOCTOWY KWAS (Polish) see: AG6825000
DWUCHLOROFLUOROMETAN (Polish) see: PA8400000
DWUCHLOROPROPAN (Polish) see: TX9625000
DWUCHLOROSTYREN (Polish) see: WL4375000
DWUETYLOAMINA (Polish) see: HZ8750000
DWUETYLOWY ETER (Polish) see: KI5775000
DWUFENYLOGUANIDYNA (Polish) see: MF0875000
DWUMETYLOANILINA (Polish) see: BX4725000
DWUMETYLOFORMAMID (Polish) see: LQ2100000
DWUMETYLOSULFOTLENKU (Polish) see: OO3150000
DWUMETYLOWY SIAKCZAN (Polish) see: WS8225000
DWU-beta-NAFTYLO-p-FENYLODWUAMINA (Polish) see: ST2100000
DWUNITROBENZEN (Polish) see: CZ7350000
DWUNITRO-O-KREZOL (Polish) see: GO9625000
3,3'-DWUOKSYBENZYDYNA (Polish) see: DV4900000
DWUSIARCZEK DWUBENZOTIAZYLU (Polish) see: DL4550000
DX1 see: VD1576000
DXEW'MULSE POE-SML see: TR7400000
DXM 100 see: TQ3325000
DXMS see: TU3980000
DYALL see: TQ3325000
DYANACIDE see: OV6475000
DYANAP see: TH7350000
DYATRON see: PB1300000
DYAZIDE see: DK9100000
DYBAR see: YT1450000
DYBAR see: TG0350000
DYCARB see: FC1140000
DYCHOLIUM see: FZ2500000
DYCILL see: XH8925000
DYCLOCAINUM see: UG8750000
DYCLONE HYDROCHLORIDE see: UG8750000
DYCLONINE HYDROCLORIDE see: UG8750000
DYCLOTHANE see: UG8750000
DYDELTRONE see: TU4152000
DYDROGESTERONE see: TU3671000
DYDROGESTERONE and HYDROXYPROGESTERONE HEXANOATE see: TU4143000
DYE, BENZANTHRONE see: CX5075000
DYE EVANS BLUE see: QJ6440000
DYE FD and C RED NO. 3 see: LM5950000
DYE FD AND C RED NO. 4 see: QK2705000
DYE FD & C RED NO. 4 see: QK2705000
DYE FDC RED 2 see: QJ6550000
DYE FDC YELLOW LAKE 6 see: QK2450000
DYE FD & C YELLOW LAKE 6 see: QK2450000
DYE FD AND C YELLOW NO. 5 see: UQ6400000
DYE FDC YELLOW NO. 6 see: QK2450000
DYE FD & C YELLOW NO. 6 see: QK2450000
DYE GS see: ST3000000
DYE ORANGE NO. 1 see: DB7085000
DYE RED RASPBERRY see: QJ6550000
DYE SUNSET YELLOW see: QK2450000
DYETONE see: EF8750000
DYFLOS see: TE5075000
DYFONATE see: TA5950000
DYKANOL see: TQ1350000
DYKOL see: KJ3325000
DYLAMON see: KR6825000
DYLAN see: TQ3325000
DYLAN SUPER see: TQ3325000
DYLAN WPD 205 see: TQ3325000
DYLARK 250 see: WL6475000
DYLEL 702 see: AT6970000
DYLENE see: WL6475000
DYLENE B see: WL6475000
DYLENE 9 see: WL6475000
DYLENE 8G see: WL6475000
DYLEPHRIN see: DO2625000

BEST COPY AVAILABLE

DYLGL see: AT6970000
DYLITE F 40 see: WL6475000
DYLITE F 40L see: WL6475000
DYLOFORM see: [illegible]8925000
DYLOX see: TA07C0000
DYLOX-METASYSTOX-R see: TA0700000
DYMADON see: AE4200000
DYMELOR see: YR7350000

JV9200000 DYMET
DEF:2,2-BIS(p-METHOXYPHENYL)-1,1,1-TRICHLOROETHANE, 20%; O-O-DIETHYL O-(2-ISOPROPYL-6-METHYL-4-PYRIMIDINYL)PHOSPHOROTHIOATE, 10% (FMCHA2 -,C93,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2000 mg/kg FMCHA2 -,C93,83
* skn-rbt LD50:8000 mg/kg FMCHA2 -,C93,83

DYMID see: AB8050000
DYMID mixed with TREFLAN see: XX1940000
DYNACORYL see: QS4375000
DYNADUR see: KV0350000
DYNAMONE see: GM7900000
DYNAMICARDE see: QS4375000

JV9660000 DYNAMITE
DEF:Major constituent is NITROGLYCERIN (85ESA3 8,739,68)
UPDT:8310
SYN: DYNAMITE (DOT) * GELATINE DYNAMITE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82

DYNAMITE (DOT) see: JV9660000
DYNAPEN see: XH8925000
DYNAPHENIL see: SI0875000
DYNAPHENYL see: SI1400000
DYNAPRIN see: HO1575000
DYNARSAN see: CF8400000
DYNASTEN see: BV8060000
DYNA-ZINA see: HO1575000
DYNAZINA see: HO1925000
DYNAZONE see: LT7700000
DYNEL see: AT6976000
DYNEL NYGL see: AT6976000
DYNERIC see: YE0875000
DYNEX see: YS8925000
DYNH see: TQ3325000
DYNK 2 see: TQ3325000
DYNOMIN UI 16 see: YU1610000
DYNOMIN UM 15 see: YU1610000
DYNONE see: EZ8870000
DYPERTANE COMPOUND see: ZG0350000
DYPHONATE see: TA5950000
DYPHYLLINE see: XH5100000
DYPNONE see: AN0350000
DYPRIN see: PD0456000
DYRENE see: XY7175000
DYRENE SOW see: XY7175000
DYRENIUM see: UO3470000
DYREX see: TA0700000
DYSCURAL see: NW7524000
DYSEDON see: SO5775000

JW0580000 DYSOPHYLLA STELLATA Benth., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 12,512,74)
UPDT:8302
SYN: GOMNI EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

JW0590000 DYSOXYLUM BINECTARIFERUM Hook. f., extract excluding roots
DEF:Indian plant belonging to the family MELIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: KAUTI EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

JW0592000 DYSOXYLUM BINECTARIFERUM Hook. f. ex. Bedd., fruit extract
DEF:Indian plant belonging to the family MELIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
3M10U26Y55 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

JW0595000 DYSOXYLUM PROCERUM Hiern., extract excluding roots
DEF:Indian plant belonging to the family MELIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: LASUNE EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg IJEBA6 11,43,73

DYSPNE-INHAL see: DO2625000
EDTA DISODIUM COPPER SALT see: GS2169100

JW0700000 DYSPROSIUM CHLORIDE
UPDT:8403 CAS: 10025-74-8 MW: 268.85 MOLFM: Cl3-Dy
TOXICITY DATA AND REFERENCES:
orl-mus LD50:5443 mg/kg EQSSDX 1,1,75
3F07F15J30 ipr-mus LD50:343 mg/kg AEHLAU 5,437,62
3F07F15J30 ipr-gpg LD50:196 mg/kg AEHLAU 5,437,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 54,663,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JW0710000 DYSPROSIUM CHLORIDE, HEXAHYDRATE
UPDT:8411 MOLFM: Cl3-Dy 6H2-0
TOXICITY DATA AND REFERENCES:
2F12K12 orl-mus LD50:2652 mg/kg SHGKA3 80,1303,80

DYTAC see: UO3470000
DYTHOL see: FZ8400000
DYTOL E-46 see: RG2010000
DYTOL F-11 see: MM0225000
DYTOL J-68 see: JR5775000
DYTOL M-83 see: RH6550000
DYTOL R-52 see: XB8655000
DYTOL S-91 see: HE4375000
DYTRANSIN see: AI4200000
DYVON see: TA0700000
DYZOL see: TF3325000
DZ see: OW8575000
DZO-9 see: SH1400000
E-3 see: BQ5600000
E2 see: MD0880000
E(sub 1) see: KG8575000
E(sub 2) see: KG2975000
8-alpha-E(sub 2) see: KG7020000
E-48 see: TF5600000
E 62 see: KV0350000
E 66 see: KV0350000
E-103 see: YS4250000
E122 see: QK1925000
E 141 see: DB6145000
E-212 see: UY9100000
E-236 see: QE2705000
(-)-E-250 see: DA0292500
(+)-E-250 see: SH6070000
(±)-E-250 see: SH6060000
E-298 see: TI5609700
E-352 see: TI5609710
E393 see: XN4375000
E-492 see: EL8565500 1-BUTANONE, 2,3-DIPHENYL-1-(4-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-
583E see: UK8025000
E 600 see: TC2275000
E 601 see: TG0175000
E 605 see: TF4550000
E-646 see: UH1755000
686E see: WL6475000
E 696 see: QK0302100
E 736 see: GP3200000
E 785 see: QK0302200
E 838 see: GN7525000
E 1000 see: AT6970000
E 1000 (copolymer) see: AT6970000
E1001 see: SL6310000
E 1004 see: SL6480000
E 1059 see: TF3150000
E 1440 see: QW0970000
E-212-1 see: UY9100000
E-2663 see: DG3700000
E 3314 see: PC0700000
E 7256 see: DB6600000
E 8573 see: XN4550000
E 9002 see: QK5775000
E-733-A see: NY2975000
EA 3547 see: HQ3950000
EAA see: AK5250000
EAB see: BY0500000
EACA see: MO6300000
EACA KABI see: MO6300000
E-73 ACETATE see: MA5075000
EACS see: MO6300000
EA-1 HYDROCHLORIDE see: MQ4900000
EAK see: RH1485000
EAMN see: AH5601500
EARTHCIDE see: DA6650000
EARTHNUT OIL see: RX2830000
EASEPTOL see: DH2190000
EASTER FLOWER see: LE5943000
EASTERN COTTONMOUTH VENOM see: YX4256700
EASTERN DIAMOND-BACK RATTLESNAKE VENOM see: YX4305000
EASTERN STATES DUOCIDE see: GN4550000
EAST INDIAN COPAIBA see: MG1035000
EAST INDIAN LEMONGRASS OIL see: OG8250000
EASTMAN 910 see: AS7000000
EASTMAN 910 ADHESIVE see: AS7000000
EASTMAN INHIBITOR DHPB see: DJ0700000
EASTMAN INHIBITOR RMB see: VH2800000
EASTMAN KODAK 622 see: VC3676870
EASTMAN 910 MONOMER see: AS7000000
EASTOBOND L 8080-270A see: UD1842000
EASTOBOND M 3 see: UD1842000
EASTOBOND M 5 see: UD1842000
EASTOBOND M SH see: UD1842000
EASTONE YELLOW GN see: AC3662000
EASTOZONE see: SS8400000
EASTOZONE 33 see: SS8400000
EASY OFF-D see: TG5600000
EATAN see: DF2450000

JW4365000 EAU DE BROUTS ABSOLUTE
DEF:Extracted from mixture of orange-flower water and petigrain-bigarde water (FCTXAV 14,659,76)
UPDT:8305
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,753,76

EAZAMINE see: SO4200000
EB see: DA0700000
EB see: QJ6440000
EBERPINE see: ZG0350000
EBERSPINE see: ZG0350000
EBESAL see: DG0970000
EBI see: NX8580000
EBIDENE see: NS1750000
EBIS see: NX8580000
EBNA see: EO5100000
EBNS see: WM3420000
EBRANTIL see: YQ9862000
EBS see: LM5950000
EBSERPINE see: ZG0350000
E. BURCHELLI VENOM see: YX4179850

JW4791900 EBURNAMENINE-14-CARBOXYLIC ACID, 14,15-DIHYDRO-14-HYDROXY-, METHYL ESTER, (3-alpha,14-beta,16-alpha)-, compd. with 3-HYDROXY-2-METHYL-5-((PHOSPHONOOXY)METHYL)-4- PYRIDINECARBOXALDEHYDE (1:1)
UPDT:8306 CAS: 65372-55-6 MW: 601.65 MOLFM: C21-H26-N2-O3 C8-H10-N-O6-P
SYN: VINCAMINE CODECARBOXYLATE * VINCAMINE 5-PYRIDOXAL PHOSPHATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1400 mg/kg GWXXBX #2721171
* ipr-mus LD50:380 mg/kg GWXXBX #2721171

JW4791920 EBURNAMENINE-14-CARBOXYLIC ACID, 14,15-DIHYDRO-14-HYDROXY-, METHYL ESTER, (3-alpha,14-beta,16-alpha)-, MONO(5-BROMO-3-PYRIDINECARBOXYLATE) (salt)
UPDT:8306 CAS: 58703-79-0 MW: 556.51 MOLFM: C21-H26-N2-O3 C6-H4-Br-N-O2

BEST COPY AVAILABLE

SYN: VINCAMINE 5-BROMONICOTINATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:843 mg/kg GWXXBX #2714486

JW4792000 EBURNAMENINE-14-CARBOXYLIC ACID, ETHYL ESTER, (3-alpha,16-alpha)-
UPDT:8407 CAS: 42971-09-5 MW: 350.50 MOLFM: C22-H26-N2-O2
SYN: 3-alpha,16-alpha-APOVINCAMINIC ACID ETHYL ESTER * CAVINTON * ETHYL APOVINCAMINATE * ETHYL APOVINCAMIN-22-OATE * RGH-4405 * TCV-38 * VINPOCETINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:450 mg/kg (7-15D preg) ARZNAD 26,1938,76
3T26T34T35 orl-rat TDLo:1 gm/kg (7-15D preg) YACHDS 11,1125,83
3T46T72T75 orl-rat TDLo:1 gm/kg (7-15D preg) YACHDS 11,1125,83
1T81 orl-mus TDLo:100 mg/kg (14-21D preg) ARZNAD 26,1938,76
1T27 orl-rbt TDLo:65 mg/kg (6-18D preg) YACHDS 11,3585,83
1T12 orl-rbt TDLo:1750 mg/kg (14D pre) YACHDS 11,3585,83
TOXICITY DATA AND REFERENCES:
2F12F19 orl-rat LD50:503 mg/kg ARZNAD 26,1938,76
2F12F19 ipr-rat LD50:134 mg/kg ARZNAD 26,1938,76
2F12F19 ivn-rat LD50:42600 mg/kg ARZNAD 26,1938,76
2F12F19 orl-mus LD50:534 mg/kg ARZNAD 26,1938,76
2F12F19 ipr-mus LD50:161 mg/kg ARZNAD 26,1938,76
2F12F19 ivn-mus LD50:58700 ug/kg ARZNAD 26,1938,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EBZ see: KG4050000
EC 100 see: TH7090000
EC 101 see: TI0950000
EC 104 see: TH7737000
EC 107 see: TH9728000
EC 108 see: TH9724000
EC 109 see: TH9711000
EC 110 see: TH9713000
EC 111 see: TH9732000
EC 112 see: TH9721000
EC 113 see: TH9741000
EC 114 see: TH9790000
EC 115 see: TH9780000
E.C. 3.1.4.3 see: SZ6116000
E.C. 3.4.4.5 see: GC3050000
E.C. 3.4.4.6 see: GC3050000
E.C. 3.4.4.7 see: JX7069000
E. C. 3.5.1.1 see: CI9000000
E.C. 3.5.1.2 see: MA2275050
E.C. 3.2.1.18 see: QQ3450000
E.C. 3.4.21.1 see: GC3050000
E.C. 3.4.23.5 see: FI5560000
E.C. 3.4.4.16 see: CO9550000
E.C. 3.4.4.23 see: FI5560000
E.C. 3.4.2.1.11 see: JX7069000
E.C. 3.4.21.14 see: CO9550000
E. CARINATUS VENOM see: YX3975300
E. CARINATUS VENOM see: YX4360000
E. CAROTOVORA EXOTOXIN see: LF3000000
ECATOX see: TF4550000
ECBOLINE ETHANESULFONATE see: KE8815000

JW4930000 ECBOLIUM VIRIDE Forsk., extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: RAMABOLI EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:23 mg/kg IJEBA6 12,512,74

ECBT see: XJ1798000
ECCOTHAL see: XG6800000

JW4960000 ECDYSANTHERA BRACHIATA A. DC., extract excluding roots
DEF:Indian plant belonging to the family APOCYNANCEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: DUDHIALATA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

beta-ECDYSONE see: FZ8060000
ECDYSTERON see: FZ8060000
ECDYSTERONE see: FZ8060000
beta-ECDYSTERONE see: FZ8060000
ECF see: LQ6125000
ECGONINE, METHYL ESTER, BENZOATE (ESTER) see: YM2800000
ECH see: TX4900000
ECHIMIDINE HYDROCHLORIDE see: EM9252420 2-BUTENOIC ACID, 2-METHYL-, 7-((2,3-DIHYDROXY-2-(1-HYDROXYETHYL)-3-METHYL-1-OXOBUTOXY) METHYL)-2,3,5,7a-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER,HYDROCHLORIDE
ECHINATINE HYDROCHLORIDE see: EK7791000

JW5240000 ECHINOCHLOA COLONUM (L.) Link., extract
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

JW5250000 ECHINOMYCIN
UPDT:8412 CAS: 512-64-1 MW: 1085.34 MOLFM: C50-H60-N12-O12-S2
SYN: ECHINOMYCIN A * NSC 526417 * QUINOMYCIN * QUINOMYCIN A
MUTATION DATA AND REFERENCES:
pic-esc 600 ng/plate CNREA8 43,2819,83
dnd-mam:lym 400 nmol/L NATUAS 252,653,74
dni-mam:lym 27 umol/L HXPHAU 38(Pt 2),623,75
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 ug/kg 85ESA3 9,462,76
* scu-mus LD50:3800 ug/kg 85ERAY 1,311,78
3F07F19R21 ivn-mus LD50:629 ug/kg NTIS** PB83-114298
unk-mus LDLo:75 ug/kg ARZNAD 17,693,67
3F07F19K13 ivn-dog LDLo:89 ug/kg NTIS** PB83-114298

ECHINOMYCIN A see: JW5250000

JW5305000 ECHINOPS CORNIGERUS DC., extract excluding roots
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1G08 ipr-rat LD50:200 mg/kg IJEBA6 16,228,78

ECHINOPSINE see: VC8618000
ECHIS CARINATUS VENOM see: YX4360000
ECHIS CARINATUS VENOM see: YX3975300
ECHIS COLORATUS VENOM see: YX4361000
ECHLOMEZOL see: XI3875000
ECHLOMEZOLE see: XI3875000
ECHUJETIN see: FH4975000
ECIPHIN see: KB0700000
ECITON BURCHELLI VENOM see: YX4179850
ECLERN see: DN9205000
ECLIPSE RED see: QK1765000
ECLORION see: QC8050000
ECM see: VO0700000
ECOBUTAZONE see: UQ8225000
ECODOX see: QI8925000
ECOFROL see: GP8588000
E. COLI 0111:B4 LPS see: OJ0895400
ECOLID see: NR3675000
ECOLID CHLORIDE see: NR3675000
ECOLID R see: NR3675000
E. COLI ENDOTOXIN see: JZ2650000
ECON see: GP8588000
ECONAZOLE NITRATE see: NI4450000
ECONOCHLOR see: AB6825000
ECOPRO see: TF6890000
ECOSTATIN see: NI4450000
ECOTRIN see: VO0700000
ECP see: KG4600000
ECP see: TF0350000
ECPN see: ET1680000
ECR see: KE1605000
ECTATOMMA QUADRIDENS VENOM see: YX4182880
ECTATOMMA TUBERCULATUM VENOM see: YX4182890
ECTIBAN see: GZ1255000
ECTIDA see: YT2800000
ECTILURAN see: TI4375000
ECTILUREA see: YT2800000
ECTON see: YT2800000
ECTORAL see: TG0525000
ECTRIN see: CY1576350
ECTYDA see: YT2800000
ECTYLCARBAMIDE see: YT2800000
ECTYLUREA see: YT2800000
ECTYN see: YT2800000
d-N,N'-DIMETHYL-3,3'-(CARBONYLDIOXY)-DIMORPHINAN HYDROCHLORIDE see: QD1858000
ECUANIL see: TZ0175000
ECYLERT see: RY1105000
ECYLERT MONOHYDRATE see: RY1200000
ECZECIDIN see: VC5075000
ED see: CH3500000
ED see: RC8961500
EDA see: AG5775000
EDATHAMIL see: AH4025000
EDATHAMIL CALCIUM DISODIUM see: EV7700000
EDATHAMIL DISODIUM see: AH4375000
EDATHAMIL MONOSODIUM FERRIC SALT see: AH4900000
EDATHANIL TETRASODIUM see: AH5075000
EDB see: KH9275000
EDB-85 see: KH9275000
E-D-BEE see: KH9275000
EDC see: KI0525000
EDCO see: PA4900000
EDDP see: TE3850000
EDECRIL see: AG6600000
EDECRIN see: AG6600000
EDECRINA see: AG6600000
EDEMEX see: DK8400000
EDEMOX see: AC8225000
EDEN see: DE9275000
EDENAL see: TZ0175000
EDETATE DISODIUM see: AH4375000
EDETATE SODIUM see: AH5075000
EDETATE TRISODIUM see: AH5250000
EDETIC see: AH4025000
EDETIC ACID see: AH4025000
EDETIC ACID DISODIUM SALT see: AH4375000
EDETIC ACID TETRASODIUM SALT see: AH5075000
EDICOL AMARANTH see: QJ6550000
EDICOL BLUE CL 2 see: BQ4725000
EDICOL PONCEAU RS see: QJ6825000
EDICOL SUPRA AMARANTH A see: QJ6550000
EDICOL SUPRA BLACK BN see: QJ5950000
EDICOL SUPRA BLUE E6 see: BQ4550000
EDICOL SUPRA BLUE VR see: BP6830000
EDICOL SUPRA BLUE X see: DU3000000
EDICOL SUPRA CARMOISINE W see: QK1925000
EDICOL SUPRA CARMOISINE WS see: QK1925000
EDICOL SUPRA ERYTHROSINE A see: LM5950000
EDICOL SUPRA GERANINE 2G see: QJ6030000
EDICOL SUPRA GERANINE 2GS see: QJ6030000
EDICOL SUPRA GREEN B see: BQ1150000
EDICOL SUPRA PONCEAU R see: QJ6825000
EDICOL SUPRA PONCEAU 4R see: QJ6530000
EDICOL SUPRA PONCEAU SX see: QK2705000
EDICOL SUPRA ROSE B see: BP3675000
EDICOL SUPPA ROSE BS see: BP3675000
EDICOL SUPRA TARTRAZINE N see: UQ6400000
EDICOL SUPRA YELLOW FC see: QK2450000
EDIFAS B see: FJ5950000
EDIFENPHOS see: TE3850000
EDION see: RQ2100000
EDIPHENPHOS see: TE3850000
EDIPOSIN see: BP7600000
EDISOL M see: FJ5959000
EDISTIR RB see: WL6475000
EDISTIR RB 268 see: WL6478000
EDIWAL see: JF8300000
EDMBA see: CW1820000
EDRISAL see: AM4375000
EDROFURADENE see: NJ0700000
EDRUL see: UR0370000
EDTA see: AH4025000
EDTA (chelating agent) see: AH4025000
EDTA ACID see: AH4025000
EDTA DISODIUM see: AH4375000
EDTA, DISODIUM SALT see: AH4375000

BEST COPY AVAILABLE

EDTA (DOT) see: AH4025000
EDTA, SODIUM SALT see: AH5075000
EDTA TETRASODIUM SALT see: AH5075000
EDTA TRISODIUM SALT see: AH5250000
EDTA TRISODIUM SALT (TRIHYDRATE) see: AH5275000
EE see: RC8925000
EE(sub 2) see: RC8925000
E-103-E see: XK6360000
EEC NO. 123 see: QJ6550000
EECPE see: RC8948000
EEC SERIAL NO. 124 see: DB5950000
EED see: RC8925000
EE3ME see: RC8960000
EENA see: KL0350000
EEREX GRANULAR WEED KILLER see: YQ9100000
EEREX WATER SOLUBLE CONCENTRATE WEED KILLER see: YQ9100000
EES see: KI7600000
EF 2 see: PC0510000
EFACIN see: QT0525000
EFCORBIN see: GM8925000
EF CORLIN see: GM8925000
EF-CORTELAN SOLUBLE see: GM9015000
EFCORTELIN see: GM8925000
EFED see: TH1575000
EFEDRIN see: KB0700000
E-FEROL see: GP8588000
EFERON see: YU0875000
EFFEMOLL POA see: AU9700000
EFFOMOLL DOA see: AU9700000
EFFROXINE see: SH5075000
EFFUSAN see: GO9625000
EFFUSAN 3436 see: GO9625000
EFISOL see: VA0700000
EFLORAN see: NI5600000
EFLOXATE see: AJ1460000
EFOSITE-AL see: SZ9640000
EFPENIX see: XH8300000
EFRICEL see: DO7525000
EFROTOMYCIN see: QA2807000
EFROXINE see: SH5075000
EFROXINE see: SH5425000
EFT see: XJ1850000
EFTAPAN see: UC2014000 1-PROPANONE, 3-(4-(2-ETHOXY-2-PHENYLETHYL)-1-PIPERAZINYL)-2-METHYL-1PHENYL-, DIHYDROCHLORIDE
EFTOLON see: DA9520000
EFUDEX see: YR0350000
EFURANOL see: HO1925000
EGACID ORANGE GG see: DB7085000
EGACID RED G see: QJ6030000
EGDME see: KI1451000
EGDN see: KW5600000
EGG YELLOW A see: UQ6400000
EGITOL see: KI4025000
EGLONYL see: BZ3400000
EGM see: KL5775000
EGME see: KL5775000
EGT see: KW3730000
EGYT 201 see: UH9450000
EGYT 739 see: MF5350000
EGYT-1050 see: CV3455000
EGYT 1978 see: YM3545000
EH2 see: YS2787000
EH 121 see: YN6130000
EHBN see: EL3870000
EHDP see: SZ8561750
EHEN see: KL0350000

JX2799000 EHRETIA MICROPHYLLA Lamk., extract excluding roots
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: PICCAKS, extract
TOXICITY DATA AND REFERENCES:
3H30U26Y55 ipr-mus LD50:94 mg/kg IJEBA6 15,208,77

JX2799500 EHRETIA WALLICHIANA Hk. f. & Thom., extract excluding roots
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

EHRLICH S see: SJ5600000
EHRLICH 594 see: CF8400000
EHRLICH 606 see: SJ7175000
EHRLICH'S REAGENT see: CU5775000
EHS see: WJ5905000
EI see: KX5075000
EI-103 see: YS4250000
EI-1642 see: AB2955000
EI3911 see: TD9450000
EI-12880 see: TE1750000
EI-18706 see: TE0960000
EI 38,555 see: BP5250000
E.I. 38,906 see: FG1350000
E.I. 43,913 see: TG2950000
EI 47031 see: NJ6475000
EI 47300 see: TG0350000
E.I. 47430 see: NJ6380000
EI-47470 see: JP1050000
E.I. 47548 see: RP5504000
EI 47,772 see: NJ6650000
E.I. 47826 see: NJ6430000
E.I. 47921 see: TD9660000
E.I. 47938 see: NJ6410000
EI 52160 see: TF6890000

JX3680000 EICHHORNIA CRASSIPES Solms, extract excluding roots
DEF:Indian plant belonging to the family PONTEDERIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: JALKUMBHI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

2,2'-EICOSAMETHYLENEBIS(ISOQUINOLINIUM IODIDE) see: NX5426000
1,1'-EICOSAMETHYLENEBIS(QUINOLINIUM IODIDE) see: VC3675100

JX3780000 EICOSANOIC ACID
UPDT:8401 CAS: 506-30-9 MW: 312.60 MOLFM: C20-H40-O2
SYN: ARACHIC ACID * ARACHIDIC ACID
TUMORIGENIC DATA AND REFERENCES:
2V02M60 imp-mus TDLo:1000 mg/kg CNREAB 26,105,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JX3790000 EICOSANOL, mixed isomers
UPDT:8307 MW: 298.62 MOLFM: C20-H42-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H AIHAAP 30,470,69
eye-rbt 100 mg AIHAAP 30,470,69

(all-Z)-5,8,11,14-EICOSATETRAENOIC ACID see: CE6675000

JX3874000 5,8,11,14-EICOSATETRAENOIC ACID, SODIUM SALT, (all-Z)-
UPDT:8305 CAS: 6610-25-9 MW: 327.51 MOLFM: C20-H32-O2 .Na
SYN: ARACHIDONIC ACID SODIUM SALT * SODIUM ARACHIDONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:12500 ug/kg JPETAB 222,315,82

EINALON S see: EU1575000
E.I.P.W. 103 CITRATE see: YE2263000
EIPW 111 CITRATE see: YE2140000
EIRENAL see: UB9275000
EISENDEXTRAN (German) see: NI2200000
EISENDIMETHYLDITHIOCARBAMAT (German) see: NO8750000
EISEN-III-HYDROXID-POLYMALTOSE (German) see: NO6920000
EISENOXYD see: NO7400000
EISEN(III)-TRIS(N,N-DIMETHYLDITHIOCARBAMAT) (German) see: NO8750000
EJIBIL see: DO5470000
EKAGOM TB see: JO1400000
EKAGOM TED5 see: JO1225000
EKALUX see: TF6125000
EKAMET see: TF8350000
EKAMET G see: TF8350000
EKAMET ULV see: TF8350000
EKATIN see: TE4375000
EKATIN AEROSOL see: TE4375000
EKATINE-25 see: TE4375000
EKATIN ULV see: TE4375000
EKATIN WF & WF ULV see: TF4550000
EKATOX see: TF4550000
EKAVYL SD 2 see: KV0350000
EKAVYL SDF 58 see: KV0350000
EKAVYL SK64 see: KV0350000
EKAVYL SK66 see: KV0350000
EK 1108GY-A see: KX4025000
EKILAN see: RQ3500000
EKKO CAPSULES see: MU1050000
EKOMINE see: CK2800000
EKTAFOS see: TC3850000
EKTASOLVE DB see: KJ9100000
EKTASOLVE DB ACETATE see: KJ9275000
EKTASOLVE DE ACETATE see: KK8925000
EKTASOLVE DIB see: KL4025000
EKTASOLVE EB see: KJ8575000
EKTASOLVE EE see: KK8050000
EKTASOLVE EE ACETATE SOLVENT see: KK8225000
EKTASOLVE EIB see: KL3850000
EKTASOLVE EP see: KM2800000
EKTEBIN see: NS0650000
EKTYL see: YT2800000
EKTYLCARBAMID see: YT2800000
EKVACILLIN see: XH8920000
EL-103 see: YS4250000
EL-110 see: XU4550000
EL-119 see: WO9350000
EL-179 see: BX9286000
EL 211 see: DG7700000
EL 222 see: UV9279400
EL 241 see: UT4725000
EL-291 see: XZ5475000
EL 400 see: TE7175000
EL-531 see: UV9280000
EL-620 see: TR1585000
EL-719 see: TR1585000
EL 857 see: WK1970000
EL 4049 see: WM8400000
EL-857/820 see: WK1970000

JX5999000 ELAEGNUS CONFERTA Boxb., extract excluding roots
DEF:Indian plant belonging to the family ELAEAGNACEAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

JX6090000 ELAEOCARPUS SERRATUS Linn., extract excluding roots
DEF:Indian plant belonging to the family ELAEOCARPACEAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
3H30M10U26 ipr-mus LD50:188 mg/kg IJEBA6 15,208,77

JX6100000 ELAEOCARPUS VARUNUA Buch.-Ham., extract excluding roots
DEF:Indian plant belonging to the family ELAEOCARPACEAE (IJEBA6 11,43,73)
UPDT:8301
SYN: BHADRASI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

ELAGOSTASINE see: DJ2620000
ELAIOMYCIN see: EL5075000
ELALDEHYDE see: YK0525000
ELAMOL see: KR9100000
ELANCOBAN see: JH2829500
ELANCOLAN see: XU9275000
ELANIL see: HO9275000
ELAOL see: TI0875000

JX7040000 ELASIOMYCIN
UPDT:8406 CAS: 50814-62-5
TUMORIGENIC DATA AND REFERENCES:
3V03T65P61 ivn-rat TDLo:50 mg/kg (18D preg) IARCCD 4,100,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JX7069000 ELASTASE
UPDT:8401 CAS: 9004-06-2
SYN: E.C. 3.4.4.7 * E.C. 3.4.21.11 * PANCREATOPEPTIDASE E
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:78 mg/kg IYKEDH 7,108,76

BEST COPY AVAILABLE

* ivn-rat LD50:85 mg/kg IYKEDH 7,108,76
* ipr-mus LD50:37 mg/kg IYKEDH 7,108,76
* ivn-mus LD50:57 mg/kg IYKEDH 7,108,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JX7070000 ELASTASE ES
UPDT:8303

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:5950 mg/kg NIIRDN 6,125,82
* ivn-rat LD50:6380 mg/kg NIIRDN 6,125,82
* ipr-mus LD50:2780 mg/kg NIIRDN 6,125,82
* ivn-mus LD50:4310 mg/kg NIIRDN 6,125,82

ELASTASE, PORCINE PANCREATIC see: TS5052000
ELASTONIN see: SI1750000
ELASTONON see: SH9000000
ELASTONON see: SH9450000
ELASTONON see: SI1400000
ELASTONON see: SI1750000
ELASTOPAR see: BX9350000
ELASTOPAX see: BX9350000

JX7670000 ELASTOSAL P 25
UPDT:8306 CAS: 58052-17-8

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1666 mg/kg BCTKAG 8,359,75

ELASTOZONE 34 see: ST2650000
alpha-ELATERIN see: RC6305500
ELAVIL see: HO9275000
ELAVIL see: HO9450000
ELAVIL HYDROCHLORIDE see: HO9450000
ELAYL see: KU5340000
ELBANIL see: FD8050000
ELBRUS see: DE9070000
ELCIDE 75 see: OV8400000
ELCORIL see: ES7525000
ELCOSINE see: WO9270000
ELCOZINE CHRYSOIDINE Y see: ST3380000
ELCOZINE RHODAMINE B see: BP3675000
ELCOZINE RHODAMINE 6GDN see: DH0175000
ELDADRYL see: KR7000000
ELDECORT see: GM8925000
ELDEPRYL see: DA0292500
ELDERFIELD PYRIMIDINE MUSHARD see: YQ9000000
ELDEZOL see: LT7700000
ELDEZOL F-6 see: LT7700000
ELDIATRIC C see: EV6475000
ELDISINE see: YY8100000
ELDODRAM see: XH5082000
ELDOPAL see: AY5600000
ELDOPAQUE see: MX3500000
ELDOPAR see: AY5600000
ELDOPATEC see: AY5600000
ELDOQUIN see: MX3500000
ELDRIN see: VM2975000
ELEAGIC ACID see: DJ2620000
ELEAGOL see: TU4517000
ELECOR see: SH6480000
ELECRON 50 see: FC1925000
ELECTRO-CF 11 see: PB6125000
ELECTRO-CF 12 see: PA8200000
ELECTRO-CF 22 see: PA6390000
ELECTROCORTIN see: TU4523000
ELECTROCORTIN see: TU5023000
ELECTROCORUNDUM see: GN0231000
ELECTRONIC E-2 see: MX1050000

JX8688000 ELEDOISON
UPDT:8402 CAS: 69-25-0 MW: 1188.58 MOLFM: C54-H85-N13-O15-S

TOXICITY DATA AND REFERENCES:
2G30H02 scu-dog LDLo:300 ug/kg EXPEAM 18,38,62

ELEKTROCORTIN see: TU4523000
beta-ELEMEN see: GU9660000
beta-ELEMENE see: GU9660000
levo-beta-ELEMENE see: GU9660000
ELEMENTAL SELENIUM see: VS7700000
ELEMI see: JX8730000

JX8730000 ELEMI OIL
UPDT:8305 CAS: 8023-89-0
SYN: ELEMI

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 14,755,76

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3370 mg/kg FCTXAV 14,755,76
* skn-rbt LD50:5 gm/kg FCTXAV 14,755,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ELENIUM see: DE9275000
ELENIUM see: DE9450000

JXR760000 ELEPHANTOPUS SCABER Linn., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

ELEPHANT TRANQUILIZER see: TN2272600
ELEPSINDON see: MU1050000
ELESTOL see: VB2360000
ELEUDRON see: WP2360000
ELEVAN see: KK6300000
ELFANEX see: ZG0350000
ELFAN 4240 T see: WT1000000
ELFAN WA SULPHONIC ACID see: DB6600000
ELGACID ORANGE 2G see: DB7085000
ELGETOL see: SJ9800000
ELGETOL see: GO9625000
ELGETOL 30 see: GO9625000
ELGETOL 318 see: SJ9800000
EL-466 HYDROCHLORIDE see: UE9503000
ELIAMINA LIGHT BROWN BRL see: GL7375000
ELICIDE see: OV8400000
ELIMIN see: DF2410000
ELIMINOXY see: GD8425000
ELIPOL see: GO9625000
ELIPTEN see: MA4026950
ELITE FAST RED BG see: QJ6478000
ELITE FAST RED R see: QJ6478000
ELITE FAST RED RS see: QJ6478000
ELITONE see: QS4375000
ELIXICON see: XH3850000
ELIXOPHYLLIN see: XH3850000
ELIXOPHYLLINE see: XH3850000
ELJON FAST SCARLET PV EXTRA see: QK4247000
ELJON FAST SCARLET RN see: QK4247000
ELJON LAKE RED C see: DB5500000
ELJON MADDER see: CB6580000
ELJON PINK TONER see: DH0175000
ELJON VIOLET TONER see: GE4518000
ELJON YELLOW BG see: AK4580000
ELKAPIN see: AI9160000
ELKOSIL see: WO9270000
ELKOSIN see: WO9270000
ELKOSINE see: WO9270000
ELLAGIC ACID see: DJ2620000
ELLIPTICINE see: UU8825000
ELLIPTICINE HYDROCHLORIDE see: UU8830000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-,HYDROCHLORIDE
ELLIPTICINE TARTRATE see: UU8843000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-, TARTRATE
ELMASIL see: XZ3850000
ELMEDAL see: UQ8225000
ELMER'S GLUE ALL see: AK0920000
ELOBROMOL see: LW5425000
ELOCRON see: FC1925000
ELODRIN see: DK9625000
ELORINE see: UY1925000
ELORINE CHLORIDE see: UY4280000
ELORINE SULFATE see: UY4281500
EL PETN see: RZ2620000
ELPI see: UE9480000
ELPON see: UD1842000
EL REXENE PP 115 see: UD1842000
ELRODORM see: MA4725000
ELSAN see: AI7875000
ELSERPINE see: ZG0350000

JY0360000 ELSHOLTZIA BLANDA Benth., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

JY0365000 ELSHOLTZIA POLYSTACHYA Benth., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:
1M10 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

ELSPAR see: CI9000000
ELTESOL SX 30 see: ZE5100000
ELTEX see: TQ3325000
ELTEX 6037 see: TQ3325000
ELTEX A 1050 see: TQ3325000
ELTRIANYL see: UV8240000
ELTROXIN see: XP3583000
ELURA see: QA2820000
ELVACET 81-900 see: AK0920000
ELVACITE see: TR0400000
ELVACITE 2008 see: TR0400000
ELVACITE 2009 see: TR0400000
ELVACITE 2010 see: TR0400000
ELVACITE 2021 see: TR0400000
ELVACITE 2041 see: TR0400000
ELVACITE 6011 see: TR0400000
ELVACITE 6012 see: TR0400000
ELVANOL see: TR8100000
ELVANOL 50-42 see: TR8100000
ELVANOL 52-22 see: TR8100000
ELVANOL 70-05 see: TR8100000
ELVANOL 71-30 see: TR8100000
ELVANOL 90-50 see: TR8100000
ELVANOL 522-22 see: TR8100000
ELVANOL 73125G see: TR8100000
ELVARON see: WO6475000
ELYSION see: TN2272600
ELYZOL see: NI5600000
ELZOGRAM see: XI0390000
EM see: KF4375000
EM 12 see: TI5695000
EM 87 see: DE4610000
EM 490 see: UD1842000
EM 923 see: SK9100000
EMAFORM see: VC5075000
EMAGRIN see: DO7525000
EMAL T see: WT1000000
EMANAY ATOMIZED ALUMINUM POWDER see: BD0330000
EMANAY ZINC DUST see: ZG8600000
EMANAY ZINC OXIDE see: ZH4810000
EMANIL see: YU7700000
EMANON 4115 see: MD0880000
EMAR see: ZH4810000
EMAT see: OM9375000
EMATHLITE see: GF1670500
EMBACETIN see: AB6825000
EMBAFUME see: PA4900000
EMBANOX see: SL1945000
EMBARIN see: UR0785000
EMBARK see: AE2460000
EMBARK PLANT GROWTH REGULATOR see: AE2460000
EMBATHANE see: GR7903000
EMBATHION see: TE4550000
EMBAY 8440 see: UQ4150000

JY1710000 EMBELIA FLORIBUNDA Wall., extract excluding roots
DEF:Indian plant belonging to the family MYRSINACEAE (IJEBA6 11,43,73)
UPDT:8302

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg IJEBA6 11,43,73

JY1729950 EMBELIA RIBES
UPDT:8408
SYN: BERRIES of EMBELIA RIBES
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:210 gm/kg (21D pre) IJEBA6 16,1035,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JY1730200 EMBELIA RIBES, dried berry extract
UPDT:8405
SYN: VIDANGA DRIED BERRY EXTRACT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:500 mg/kg (1-5D preg) JRIMAO 6,107,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JY1730550 EMBELIA RIBES Burm., root extract
UPDT:8408
SYN: VIDANGA, root extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:700 mg/kg (1-7D preg) IJEBA6 16,1077,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JY1730600 EMBELIA RIBES Burm. f., seed extract
DEF:Indian plant belonging to the family MYRSINACEAE (IJEBA6 18,594,80)
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:600 mg/kg (14-16D preg) IJEBA6 14,623,75
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JY1732000 EMBELIA TSJERIAM-COTTAM A. DC., extract excluding roots
DEF:Indian plant belonging to the family MYRSINACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: BAIBIRANG EXTRACT
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:250 mg/kg IJEBA6 7,250,69

JY1733000 EMBELIA YIRIDIFLORA Scheff., extract excluding roots
DEF:Indian plant belonging to the family MYRSINACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10Y55 ipr-mus LD50:93700 ug/kg IJEBA6 15,208,77

EMBELIC ACID see: DK4230000
EMBELIN see: DK4230000
EMBERINE see: DK4230000
EMB-FATOL see: EL3854000
EMBICHIN see: IA1750000
EMBICHIN see: IA2100000
EMBIKHINE see: IA2100000
EMBINAL see: CQ3850000
EMBIOL see: GG3750000
EMBLEM see: XU4550000

JY2341500 EMBLICA OFFICINALIS, leaf extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

JY2341600 EMBLICA OFFICINALIS, stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
2F12K12 ipr-mus LD50:125 mg/kg CPBTAL 13,882,65

EMBONIC ACID see: QL2180000
EMBRAMINE HYDROCHLORIDE see: KQ8400000
EMBUTAL see: CQ6125000
EMBUTOX see: ES9100000
EMBUTOX see: ES9275000
EMBUTOX E see: ES9100000
EMBUTOX KLEAN-UP see: ES9100000
EMC see: OV9806000
EMCEPAN see: AG1575000
EMCOL see: BU2614000
EMCOL CA see: RG1925000
EMCOL CMCD see: BU2614000
EMCOL DS-50 CAD see: WI4025000
EMCOL ETS see: WI4025000
EMCOL H-2A see: MD0880000
EMCOL H 31A see: MD0880000
EMCOL-IP see: RT4900000
EMCOL MSK see: RG1925000
EMCOL PS-50 RHP see: WI4550000
EMD 9806 see: GX1210000
EMEDAN see: YS4200000
EMERALD GREEN see: GL6475000
EMERALD GREEN see: BP6825000
EMERESSENCE 1150 see: YQ1927500
EMERESSENCE 1160 see: KM0350000
EMEREST 2301 see: RK0895000
EMEREST 2316 see: RT4900000
EMEREST 2325 see: WI2900000
EMEREST 2350 see: WI4100000
EMEREST 2381 see: WI4550000
EMEREST 2400 see: RG1925000
EMEREST 2401 see: RG1925000
EMEREST 2642 see: TQ4375000
EMEREST 2646 see: MD0880000
EMEREST 2660 see: MD0880000
EMEREST 2801 see: RK0895000
EMERICID see: OJ9457400
EMEROX 1110 see: CM1980000
EMEROX 1144 see: CM1980000
EMERSAL see: WB7350000
EMERSAL 6400 see: WB7350000
EMERSAL 6400 see: WT1050000
EMERSAL 6434 see: WT1000000
EMERSAL 6453 see: WB7350000
EMERSAL 6465 see: MP0700000
EMERSOL 120 see: WI2800000
EMERSOL 132 see: WI2800000
EMERSOL 140 see: RT4550000
EMERSOL 143 see: RT4550000
EMERSOL 150 see: WI2800000
EMERSOL 210 see: RG2275000
EMERSOL 213 see: RG2275000
EMERSOL 6321 see: RG2275000
EMERSOL 233LL see: RG2275000
EMERSOL 221 LOW TITER WHITE OLEIC ACID see: RG2275000
EMERSOL 220 WHITE OLEIC ACID see: RG2275000
EMERY 655 see: QM4375000
EMERY 2218 see: WI4460000
EMERY 2219 see: RK0895000
EMERY 2310 see: RK0895000
EMERY 5700 see: KJ7175000
EMERY 5703 see: KM2100000
EMERY 5709 see: KM3360000
EMERY 5711 see: KM3325000
EMERY 5712 see: XU3705000
EMERY 5714 see: KL1320000
EMERY 5715 see: KK2420000
EMERY 5717 see: KK2420000
EMERY 5724 see: UO2905000
EMERY 5770 see: BX1300000
EMERY 5791 see: KL5600000
EMERY 6705 see: KM0350000
EMERY 6802 see: RK2975000
EMERY OLEIC ACID ESTER 2301 see: RK0895000
EMESIDE see: WN2800000
EMETAN, 2,3-DIDEHYDRO-6',7',10,11-TETRAMETHOXY- (9CI) see: JY5095000
EMETAN, 6',7',10,11-TETRAMETHOXY-, DIHYDROCHLORIDE, HYDRATE (9CI) see: JY5630000
EMETAN, 6',7',10,11-TETRAMETHOXY-, DIHYDROCHLORIDE, TETRAHYDRATE (9CI) see: DK1800000
EMETE-CON see: DK1650000
EMETICON see: DK1650000
EMETINE see: DK1750000
(-)-EMETINE see: DK1750000

JY5000000 EMETINE ANTIMONY IODIDE
DEF:Percentage composition — 34% EMETINE and 14% ANTIMONY (AJTMAQ 10,249,30)
UPDT:7901
SYN: ANTIMONY EMETINE IODIDE
TOXICITY DATA AND REFERENCES:
2K13K30 orl-hmn TDLo:471 ug/kg AJTMAQ 10,249,30
3K13U01F07 orl-cat LDLo:15 mg/kg AJTMAQ 10,249,30
* orl-rbt LDLo:10 mg/kg AJTMAQ 10,249,30
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JY5095000 EMETINE, 2,3-DIDEHYDRO-
UPDT:8311 CAS: 4914-30-1 MW: 478.69 MOLFM: C29-H38-N2-O4
SYN: DEHYDROEMETINE * 2-DEHYDROEMETINE * 2,3-DIDEHYDROEMETINE * EMETAN, 2,3-DIDEHYDRO-6',7',10,11-TETRAMETHOXY- (9CI) * MEBADIN * NO 1-9334
MUTATION DATA AND REFERENCES:
mma-sat 3 mg/plate MUREAV 117,79,83

JY5250000 EMETINE, DIHYDROCHLORIDE
UPDT:8412 CAS: 316-42-7 MW: 553.63 MOLFM: C29-H40-N2-O4 2Cl-H
SYN: AMEBICIDE * (-)-EMETINE DIHYDROCHLORIDE * l-EMETINE DIHYDROCHLORIDE * EMETINE, HYDROCHLORIDE * NSC-33669
IRRITATION DATA AND REFERENCES:
eye-hmn 3250 ug BJIMAG 4,111,47
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:12 ug/kg ANTCAO 8,297,58
ipr-rat LD50:17 mg/kg JPETAB 94,431,48
* orl-mus LD50:15 ug/kg ANTCAO 8,297,58
ipr-mus LD50:62 mg/kg JPETAB 94,431,48
scu-mus LD50:45 mg/kg JPPMAB 16,65,64
* scu-mky LDLo:13886 ug/kg IMGAAY 49,85,14
orl-cat LDLo:15 mg/kg AJTMAQ 10,249,30
orl-rbt LDLo:15 mg/kg AJTMAQ 10,249,30
* scu-rbt LDLo:13886 ug/kg IMGAAY 49,85,14
ivn-rbt LDLo:2500 ug/kg JAMAAP 62,501,14
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(-)-EMETINE DIHYDROCHLORIDE see: JY5250000
l-EMETINE DIHYDROCHLORIDE see: JY5250000

JY5630000 EMETINE, DIHYDROCHLORIDE, HYDRATE
UPDT:8407 CAS: 7083-71-8 MW: 679.77 MOLFM: C29-H40-N2-O4 2Cl-H xH2-O
SYN: EMETAN, 6',7',10,11-TETRAMETHOXY-, DIHYDROCHLORIDE, HYDRATE (9CI) * EMETINE HYDROCHLORIDE HYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 iut-rbt TDLo:500 ug/kg pre/1-10D preg) CCPTAY 16,39,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EMETINE DIHYDROCHLORIDE TETRAHYDRATE see: DK1800000

JY5700000 EMETINE DIMER
DEF:A mixture of EMETINE and METHYLENE IODIDE (5:2) in dry XYLENE was heated under reflux for 8 hours, filtered and recrystallized (JSICAZ 21,84,62)
UPDT:8305 MW: 1231.27 MOLFM: C59-H84-I2-N4-O8
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:4200 ug/kg (14D pre) JSICAZ 21,84,62
1T26 orl-rat TDLo:7 mg/kg (14D pre) JSICAZ 21,84,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EMETINE, HYDROCHLORIDE see: JY5250000
EMETINE HYDROCHLORIDE HYDRATE see: JY5630000
EMETIQUE (French) see: CC6825000
EMETIRAL see: SO3150000
EMETO-Na see: CC8050000
EMETOSODIUM see: CC8050000
EMETREN see: AB6825000
EMFAC 1202 see: RA6650000
EMI-CORLIN see: GM9015000
EMID see: AB6945000 ACETAMIDE, 2-(2,4-DICHLOROPHENOXY)-
EMID 6511 see: JR1925000
EMID 6541 see: JR1925000
EMIMYCIN see: UQ4385000
EMIPHEROL see: DJ2900000

BEST COPY AVAILABLE

EMISAN 6 see: OW0875000
EMISOL see: XZ3850000
EMISOL 50 see: XZ3850000
EMISOL F see: XZ3850000
EMISUCCINATO dell' 1-FENIL-1-IDRO(SS)-n-PENTANO (Italian) see: WM5550000
EMMATOS see: WM8400000
EMMATOS EXTRA see: WM8400000
EMOCICLINA see: GG3750000
EMODIC ACID see: CB8810000
EMODIN see: CB7920600
EMODIN see: MU6640000
EMODIN GLUCOSIDE B see: LZ5785300
EMODIN 3-METHYL ETHER see: CB6720000
EMODIN-1 (B)-MONOGLUCOSIDE see: LZ5785300
EMODOL see: CB7920600
EMO-NIK see: QS5250000
EMOQUIL see: TL6475000
EMOREN see: AC3325000
EMORFAZONE see: UR6493200
EMORHALT see: GU8400000
EMOTIVAL see: DF0350000
EMP see: KG7350000
EMP see: OW3750000
EMPAL see: AG1575000
EMPECID see: NI4377000
EMPG see: MW5250000
EMPICOL ES830 see: WB7350000
EMPILAN 2848 see: WI4100000
EMPILAN BP 100 see: MD0880000
EMPILAN BQ 100 see: MD0880000
EMPIRAL see: AM4375000
EMPIRIN see: VO0700000
EMPIRIN COMPOUND see: AM4375000
EMPIRIN COMPOUND see: DG0935000
EMPLETS POTASSIUM CHLORIDE see: TS8050000
EMPP see: UH1755000
EMPRAZIL see: AM4375000
EMPRAZIL-C see: AM4375000
EMQ see: VB8225000
EMR 211 (Russian) see: SG1576000
EMS see: PB2100000
EMSC see: MX8407000
EMSORB 2500 see: WG2932400
EMSORB 2505 see: WG2933500
EMSORB 6900 see: WG2932500
EMSORB 6907 see: WG2934600
EMSORB 6915 see: TR7400000
EMT 25,299 see: MA1225000
EMTAL 596 see: WW2710000
EMTEXATE see: MA1225000
EMTRYL see: NI5075000
EMTRYLVET see: NI5075000
EMTRYMIX see: NI5075000
EMTS see: OW3850000
EMULGEN 100 see: MD0875000
EMULGEN 105 see: MD0875000
EMULGEN 108 see: MD0875000
EMULGEN 109 see: MD0875000
EMULGEN 120 see: MD0875000
EMULGEN 147 see: MD0875000
EMUL P.7 see: RG1925000
EMULPHOR see: TR1585000
EMULPHOR A see: MD0880000

JY7445000 EMULPHOR ON
UPDT.8411 CAS: 9007-62-9
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:500 mg/kg JAPMA8 45,685,56

EMULPHOR ON-870 see: RK2975000
EMULPHOR SURFACTANTS see: TR1585000
EMULPHOR UN-430 see: MD0880000
EMULPHOR VN 430 see: MD0880000
EMULPHOR VT-650 see: TQ5400000
EMULSAMINE BK see: AG6825000
EMULSAMINE E-3 see: AG6825000
EMULSIFIER NO. 104 see: WT1050000
EMULSION 212 see: UB1473000
EMULSOV O EXTRA P see: VJ3550000
EMULSIPHOS 440/660 see: TC9490000
EMULTEX F see: AK0920000
E-MYCIN see: KF4375000
EMYRENIL see: JI5075000
EN 237 see: GN0231000
EN-1530 see: QO2275000
EN 1627 see: AG0430000
EN 1639 see: QD2155000
EN 1939 see: QD2155000
EN-15304 see: QD2275000
EN 18133 see: TF5775000
ENADEL see: RQ5831350
ENAMEL WHITE see: CR0600000
ENANTHIC ACID see: MJ1575000
ENANTHIC ALCOHOL see: MK0350000
ENANTHOLACTAM see: CN4810000
omega-ENANTHOLACTAM see: CN4810000
zeta-ENANTHOLACTAM see: CN4810000

JY8750000 ENANTHOTOXIN
UPDT.8402 CAS: 20311-78-8 MW: 258.39 MOLFm: C17-H22-O2
SYN: 2,8,10-HEPTADECATRIENE-4,6-DIYNE-1,14-DIOL * OENANTHOTOXIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:830 ug/kg 85ESA3 9,468,76

ENANTHYUC ACID see: MJ1575000
ENARMON see: XA3115000
ENAVEN see: UE7550000
ENAVID see: RC9025000
ENBU see: EC1750000
ENC see: KH7250000

JY9145000 ENCEPHALARTOS HILDEBRANDTII
DEF:Flour made from the starchy kernels of ENCEPHALARTOS HILDEBRANDTII (BJCAAI 22,563,68)
UPDT.8401
TUMORIGENIC DATA AND REFERENCES:
3V01L60M61 orl-rat TDLo:450 gm/kg/26W-C BJCAAI 22,563,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ENCLOMIPHENE see: YE0810000
EN-COR see: AK0920000
ENCORDIN see: FH4915000
ENCORTONE see: TU4154100
ENDAK see: VC8282000
ENDAK mite see: VC8282000
ENDECRIL see: AG6600000
ENDEP see: HO9450000
ENDISON see: TL8750000
ENDOBION see: QS3675000
ENDOCEL see: RB9275000
ENDOCID see: TF8225000
ENDOCIDE see: TF8225000
ENDOCISTOBIL see: LZ4297000
ENDOD, extract see: TJ3494000
ENDODAN see: NI2935500
ENDO E see: DJ2900000
ENDO E DOMPE see: GP8588000
ENDOFOLLICOLINA D.P. see: KG4725000
ENDOFOLLICULINA see: KG8575000
ENDOGRAFIN see: LZ4297000
ENDOGRAPHIN see: LZ4297000
ENDOLAT see: NS5950000
ENDOLIN see: RQ2975000
1,5-ENDOMETHYLENE-3,7-DINITROSO-1,3,5,7-TETRAAZACYCLOOCTANE see: XA5250000
cis-3,6-ENDOMETHYLENE-delta(sup 4)-TETRAHYDROPHTHALIC ACID DIMETHYL ESTER see: RB8925000
ENDOMETHYLENETETRAHYDROPHTHALIC ACID, N-2-ETHYLHEXYL IMIDE see: RB8575000
3,6-ENDOOXOHEXAHYDROPHTHALIC ACID see: RN7875000
ENDOPANCRINE see: NM8894000
ENDOPITUITRINA see: RS7534000
ENDOSAN see: GQ5600000
ENDOSOL see: RB9275000
ENDOSULFAN see: RB9275000
ENDOSULFAN (DOT) see: RB9275000
ENDOSULPHAN see: RB9275000
ENDOTAL see: RN8225000
ENDOTHAL see: RN7875000
ENDOTHAL see: RN8225000
ENDOTHALL see: RN8225000
ENDOTHALL see: RN7875000
ENDOTHALL DIPOTASSIUM SALT see: RN8223400
ENDOTHAL-NATRIUM (Dutch) see: RN8225000
ENDOTHAL-SODIUM see: RN8225000
ENDOTHAL TECHNICAL see: RN7875000
ENDOTHAL WEED KILLER see: RN8225000
ENDOTHION see: TF8225000

JZ2640000 ENDOTOXIN
DEF:A purified lipopolysaccharide fraction isolated from SALMONELLA TYPHOSA 0901(TXAPA9 23,102,72)
UPDT.8402
SYN: SALMONELLA TYPHI ENDOTOXIN * SALMONELLA TYPHOSA ENDOTOXIN
TOXICITY DATA AND REFERENCES:

1J26	ipr-rat LD50:107 mg/kg	BPJLAQ 7,7,78
1N22	ivn-rat LD50:4330 ug/kg	CRSHAG 4,253,77
*	ipr-mus LD50:19 mg/kg	TXAPA9 23,102,72
1G12	ivn-dog LD50:1 mg/kg	BJPCBM 61,175,77

JZ2645000 ENDOTOXIN, BACT. AERTRYCKE
DEF:The endotoxin was obtained by repeated freezing and thawing of the killed bacterialemulsions (BJEPA5 16,454,35)
UPDT.8208

TOXICITY DATA AND REFERENCES:

*	ipr-rat LDLo:750 mg/kg	BJEPA5 16,454,35
*	scu-rat LDLo:15000 mg/kg	BJEPA5 16,454,35
*	ipr-mus LDLo:2000 mg/kg	BJEPA5 16,454,35
*	scu-mus LDLo:6000 mg/kg	BJEPA5 16,454,35
*	ipr-rbt LDLo:400 mg/kg	BJEPA5 16,454,35
*	scu-rbt LDLo:2000 mg/kg	BJEPA5 16,454,35
*	ivn-rbt LDLo:75 mg/kg	BJEPA5 16,454,35
*	ipr-pig LDLo:133 mg/kg	BJEPA5 16,454,35
*	ipr-gpg LDLo:1500 mg/kg	BJEPA5 16,454,35
*	scu-gpg LDLo:8000 mg/kg	BJEPA5 16,454,35
*	ivn-ckn LDLo:1250 mg/kg	BJEPA5 16,454,35
*	ivn-dom LDLo:91 mg/kg	BJEPA5 16,454,35
*	ivn-cat LDLo:20 mg/kg	BJEPA5 16,454,35

JZ2650000 ENDOTOXIN, E. COLI
UPDT.8411
SYN: E COLI ENDOTOXIN * ENDOTOXIN, ESCHERICHIA COLI * LPS
MUTATION DATA AND REFERENCES:

	dns-mus:ath 100 ug/L	MMIYAO 168,201,80
	dns-gpg:lng 1 mg/L	PSEBAA 171,109,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T42T53	ipr-rat TDLo:2250 ug/kg (11-17D preg)	ANREAK 181,441,75
2T25T31	ipr-rat TDLo:1500 ug/kg (14-17D preg)	ANREAK 181,441,75
1T27	ipr-rat TDLo:2250 ug/kg (11-17D preg)	ANREAK 181,441,75
3T25T34T35	ivn-rat TDLo:10 ug/kg (12D preg)	SEIJBO 20,151,80
2T31T39	ivn-rat TDLo:1250 ug/kg (17D preg)	AJPAA4 42,357,63
1T39	par-rat TDLo:1 mg/kg (12D preg)	TJADAB 14,242,76
2T25T31	scu-mus TDLo:10 mg/kg (13D preg)	EXPEAM 32,735,76
3T25T27T34	ivn-mus TDLo:100 mg/kg (8D preg)	APJAAG 9,141,59
3T35T41T46	ivn-mus TDLo:100 mg/kg (8D preg)	APJAAG 9,141,59
1T27	ivn-mus TDLo:2 mg/kg (21D preg)	JJEMAG 23,105,53
2T35T39	ivn-mky TDLo:5 mg/kg (24W preg)	AJOGAH 131,899,78
3T42T43T46	ivn-rbt TDLo:10 ug/kg (9D preg)	ARZNAD 29,1062,79
1T25	ivn-rbt TDLo:10 ug/kg (9D preg)	ARZNAD 29,1062,79
1T31	ivn-ham TDLo:7500 mg/kg (8D preg)	TJADAB 27,60A,83
2T34T42	ivn-ham TDLo:7500 mg/kg (8D preg)	TCMUD8 3,145,83
2T25T41	ivn-ham TDLo:5 ug/kg (8D preg)	TCMUD8 3,145,83
2T43T53	ivn-ham TDLo:7500 ug/kg (8D preg)	ANREAK 202,107A,82

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:3700 ug/kg	JJMCAQ 34,54,81
*	ipr-mus LD50:8800 ug/kg	MMIYAO 168,201,80
2K08K12	scu-mus LD50:7700 mg/kg	APJAAG 9,141,59
*	ivn-mus LD50:2 mg/kg	JGMIAN 86,363,75
2H02P30	ivn-dog LD50:1 mg/kg	CRSHAG 7,299,80
3G09H02J15	ivn-cat LD50:2200 ug/kg	EJPHAZ 9,311,70
*	iat-cat LDLo:3 mg/kg	MIVRA6 20,242,80

BEST COPY AVAILABLE

* ivn-rbt LD50:500 ug/kg JJMCAQ 34,54,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ENDOTOXIN, ESCHERICHIA COLI see: JZ2650000

JZ2674000 ENDOTOXIN, HAEMOPHILIS INFLUENZAE, hypertonic NaCl citrate extract
UPDT:8308
SYN: HAEMOPHILUS INFLUENZAE ENDOTOXIN, NaCl-citrate extract * H. INFLUENZAE ENDOTOXIN, NaCl-citrate extract * NCE of H. INFLUENZAE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:943 mg/kg MMIYAO 168,201,80

JZ2674400 ENDOTOXIN, HAEMOPHILIS INFLUENZAE, phenol water extract
UPDT:8308
SYN: HAEMOPHILUS INFLUENZAE ENDOTOXIN, phenol water extract * H. INFLUENZAE ENDOTOXIN, phenol water extract * PWE of H. INFLUENZAE

MUTATION DATA AND REFERENCES:
dns-mus-ath 100 ug/L MMIYAO 168,201,80

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:47 mg/kg MMIYAO 168,201,80

JZ2685000 ENDOTOXIN, KLEBSIELLA PNEUMONIAE
UPDT:8305
SYN: K. PNEUMONIAE ENDOTOXIN

MUTATION DATA AND REFERENCES:
dns-hmn:lng 500 ug/L PSEBAA 171,109,82

JZ2692000 ENDOTOXIN, PSEUDOMONAS AERUGINOSA
UPDT:8308
SYN: PSEUDOMONAS AERUGINOSA ENDOTOXIN

MUTATION DATA AND REFERENCES:
dni-hmn:lym 1 gm/L ZMMPAO 237,274,77
oms-hmn:lym 1 gm/L ZMMPAO 237,274,77

JZ2694000 ENDOTOXIN, SALMONELLA ENTERITIDIS
DEF:Extracted and purified from SALMONELLA ENTERIDITIC SER TYPHIMURIUM strain SR-11/ADSRDV 2,113,79)
UPDT:8403
SYN: ASED * SALMONELLA ENTERITIDIS ENDOTOXIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2127T35 ipr-mus TDLo:16 ug/kg (16-19D preg) AIPAAV 102,77,62
1T24 ipr-mus TDLo:400 ug/kg (5D preg) AIPAAV 102,77,62
2127T35 ivn-mus TDLo:60 ug/kg (16D preg) PRGLBA 1,191,72
2124T25 ivn-rbt TDLo:5 ug/kg (4D preg) FESTAS 31,441,79
1T29 ivn-rbt TDLo:20 ug/kg (1D pre) FESTAS 31,441,79
1T29 ivn-rbt TDLo:10 ug/kg (8D preg) JRPFA4 54,205,78

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:10 mg/kg AIPAAV 102,77,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JZ2695000 ENDOTOXIN, SALMONELLA TYPHORA
UPDT:8406
SYN: PHYLAXIA * SALMONELLA TYPHORA ENDOTOXIN

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:12500 mg/kg EJPHAZ 4,91,68

JZ2700000 ENDOTOXIN, SERRATIA MARCESCENS
UPDT:8405
SYN: SERRATIA MARCESCENS ENDOTOXIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 ipr-rat TDLo:1 gm/kg (1D male) JRPFA4 22,161,70

TOXICITY DATA AND REFERENCES:
1U26 ipr-rat LDLo:1 gm/kg JRPFA4 22,161,70
* ivn-mus LD50:17 mg/kg EXPEAM 37,174,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

JZ2750000 ENDOTOXIN, VIBRIO CHOLERAE
UPDT:8306
SYN: CHOLERA ENDOTOXIN * VIBRIO CHOLERAE ENDOTOXIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T35 ivn-mus TDLo:600 ug/kg (12D preg) JRPFA4 45,315,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ENDOX see: GN7630000
ENDOXAN see: RP5950000
ENDOXANA see: RP5950000
ENDOXANAL see: RP5950000
ENDOXAN-ASTA see: RP5950000
ENDOXANE see: RP5950000
ENDOXAN R see: RP5950000
3,6-ENDOXOHEXAHYDROPHTHALIC ACID see: RN7875000
3,6-ENDOXOHEXAHYDROPHTHALIC ACID DISODIUM SALT see: RN8225000
ENDRALAZINE MESILATE see: UV1152450
ENDRALAZINE METHANESULFONATE see: UV1152450
ENDRATE see: AM4025000
ENDRATE DISODIUM see: AM4375000
ENDRATE TETRASODIUM see: AM5075000
ENDREX see: IO1575000
ENDRIN see: IO1575000
ENDRIN (DOT) see: IO1575000
ENDRINE (French) see: IO1575000
ENDROCID see: GN7630000
ENDROCIDE see: GN7630000
ENDURON see: DK8575000
ENDURONYL see: ZG0875000
ENDUXAN see: RP5950000
ENBYDOL see: VO0700000
ENOYL see: TD5250000
ENE 11183 B see: GN7630000
ENELFA see: AE4200000
ENERIL see: AE4200000
ENFLURANE see: KN6800000

JZ4750000 ENGELHARDTIA ACERIFOLIA Blume, extract excluding roots
DEF:Indian plant belonging to the family JUGLANDACEAE (UEBA6 11,43,73)
UPDT:8302
SYN: MAUWA EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg UEBA6 11,43,73

JZ4760000 ENGELHARDTIA COLEBROOKIANA Lindl., stem bark extract
DEF:Indian plant belonging to the family JUGLANDACEAE (UEBA6 9,91,71)
UPDT:8302
SYN: GODIN-MAWA STEM BARK EXTRACT

TOXICITY DATA AND REFERENCES:
2M30J30 ipr-mus LD50:750 mg/kg UEBA6 9,91,71

JZ4770000 ENGELHARDTIA SPICATA Bl., stem bark extract
DEF:Indian plant belonging to the family JUGLANDACEAE (UEBA6 12,512,74)
UPDT:8402
SYN: MAWA STEM BARK EXTRACT

TOXICITY DATA AND REFERENCES:
2M30U26 ipr-mus LD50:375 mg/kg UEBA6 12,512,74

ENGLISH RED see: NO7400000
ENHEPTIN see: XJ2800000
ENHEPTIN A see: XJ1570000
ENHEPTIN PREMIX see: XJ2800000
ENHEPTIN-T see: XJ2800000
ENHEXYMAL see: CQ2625000
ENHEXYMAL see: CQ2800000
ENHEXYMAL NFN see: CQ2800000

JZ5183000 ENHYDRA FLUCTUANS Lour., extract
DEF:Indian plant belonging to the family COMPOSITAE (UEBA6 7,250,69)
UPDT:8302
SYN: HINGCHA EXTRACT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg UEBA6 7,250,69

ENHYDRINA SCHISTOSA VENOM see: YX4184000
ENIACID BRILLIANT RUBINE 3B see: QK1925000
ENIACID LIGHT ORANGE G see: QJ6500000
ENIACID LIGHT RED 3G see: QJ6030000
ENIACID METANIL YELLOW GN see: DB7329500
ENIACID ORANGE I see: DB7085000
ENIACID SUNSET YELLOW see: QK2450000
ENIACROMO ORANGE R see: VO5310000
ENIALIT LIGHT RED RL see: QK4247000
ENIAL ORANGE I see: QL4900000
ENIAL RED IV see: QL5775000
ENIAL YELLOW 2G see: BX7350000
ENIAMETHYL ORANGE see: DB6327000
ENIANIL BLACK CN see: QJ6160001
ENIANIL BLUE 2BN see: QJ6400000
ENIANIL BRILLIANT BLUE FF see: QJ6430000
ENIANIL DARK GREEN BG see: QJ6195050
ENIANIL LIGHT BROWN BRL see: GL7375000
ENIANIL PURE BLUE AN see: QJ6420000
ENICOL see: AB6825000
ENIDE see: AB8050000
ENIDE 50 see: AB8050000
ENIDREL see: RC9025000
ENIDREL see: DF1400000
ENIPRESSER see: ZG0350000
ENJAY CD 392 see: UD1842000
ENJAY CD 460 see: UD1842000
ENJAY CD 490 see: UD1842000
ENJAY E 117 see: UD1842000
ENJAY E 118 see: UD1842000
ENKALON see: RF525000J
ENKEFAL see: MU1400000
ENKELFEL see: MU1050000
ENKORTON see: TU4154100
ENMEIN see: PB9183000
ENNG see: MF2465000
ENOCITABINE see: JR1230400
ENOLOFOS see: TB8460000
ENORDEN see: TZ0175000
ENOVID see: RC9025000
ENOVID-E see: RC9025000
ENOVIT see: BA3650000
ENOVIT M see: BA3675000
ENOVIT METHYL see: BA3675000
ENOVIT-SUPPER see: BA3675000
ENPROMATE see: GU7175000
ENRUMAY see: UT0875000
ENS see: QK0810000
ENSERAL see: TS8050000
ENSIGN see: GA4027000
ENSORARB see: CQ6825000
ENSODORM see: CQ6825000
ENSTAMINE HYDROCHLORIDE see: KV4725000
ENSTAR see: JR1760000
ENSURE see: RB9275000
ENS-ZEM WEEVIL BAIT see: VV8410000
ENT see: RC8975000
ENT 5 see: OF0875000
ENT 6 see: XK8400000
ENT 9 see: UP7000000
17-ENT see: RC8961200
17-ENT see: RC8965000
ENT 38 see: SN5075000
ENT 4.9 see: UE2080000
ENT 54 see: AT5250000
ENT 92 see: AJ6300000
ENT 114 see: XK962500C
ENT 123 see: YK5950000
ENT 133 see: DJ2800000
ENT 156 see: GQ9625000
ENT 157 see: SK6650000
ENT 262 see: TI1575000
ENT 379 see: MO2625000
ENT 666 see: WM6250000
ENT 884 see: GL6475000
ENT 988 see: ZH0525000
ENT 1,122 see: SJ9800000
ENT 1,501 see: VV8410000
ENT 1,506 see: KJ3325000
ENT 1,656 see: KI0525000
ENT 1,716 see: KJ3675000
ENT 1,860 see: KK3850000
ENT . 435 see: QS9625000
ENT 2,818 see: GW7200000
ENT 3,424 see: QS5250000
ENT 3,776 see: QL7525000
ENT 3,797 see: DK6825000
ENT 4,225 see: KI0700000
ENT 4,504 see: KN0875000
ENT 4,585 see: DB5600000
ENT 4,705 see: FG4900000
ENT 7,543 see: GZ0700000
ENT 7,796 see: GV4900000
ENT 8,184 see: RB8575000
ENT 8286 see: TR4680000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

ENT 8,420 see: TX9800000
ENT 8,538 see: AG6825000
ENT 8,601 see: GV3150000
ENT 9,232 see: GV3500000
ENT 9,233 see: GV4375000
ENT 9,624 see: DC7875000
ENT 9,735 see: XW5250000
ENT 9,932 see: PB9800000
ENT 14,250 see: XS8050000
ENT 14,611 see: CN1400000
ENT 14,689 see: NO8750000
ENT 14,874 see: ZH3325000
ENT 14,875 see: OP0700000
ENT 15,108 see: TF4550000
ENT 15,152 see: PC0700000
ENT 15,208 see: EK1050000
ENT 15,208 see: PA3890000
ENT 15,266 see: GJ3440000
ENT 15,349 see: KM9275000
ENT 15,406 see: TX9625000
ENT 15748 see: AT1412000
ENT 15,949 see: IO2100000
ENT 16,087 see: TC2275000
ENT 16,225 see: IO1750000
ENT 16,273 see: XM4375000
ENT 16275 see: GZ1950000
ENT 16 358 see: DB5250000
ENT 16,391 see: PC8575000
ENT 16,436 see: MF1750000
ENT 16,519 see: WT2975000
ENT 16,634 see: DA5775000
ENT 16,894 see: XM4550000
ENT 17,034 see: WM8400000
ENT 17,035 see: TE7875000
ENT 17,251 see: IO1575000
ENT 17,291 see: UX5950000
ENT 17,292 see: TG0175000
ENT 17,295 see: TF3150000
ENT 17,296 see: GN7525000
ENT 17470 see: TF0350000
ENT 17,510 see: GZ1925000
ENT 17,588 see: FA2450000
ENT 17591 see: US8000000
ENT 17,596 see: HP5075000
ENT 17,798 see: TB1925000
ENT 17,941 see: WR5775000
ENT 17,957 see: GN6300000
ENT 18,060 see: FD8050000
ENT 18,065 see: EJ4900000
ENT 18 066 see: TX3695000
ENT 18544 see: UF6488000
ENT 18,596 see: DD2275000
ENT 18,771 see: UX6825000
ENT 18,861 see: TE8050000
ENT 18,862 see: TG1650000
ENT 18,862 see: TJ1760000
ENT 18,870 see: UR5950000
ENT 19,060 see: FA2100000
ENT 19,109 see: TD4025000
ENT 19,244 see: IO1925000
ENT 19,442 see: WZ6400000
ENT 19,507 see: TF3325000
ENT 19,763 see: TA0700000
ENT 20,218 see: XS3675000
ENT 20,696 see: WQ2975000
ENT 20738 see: TC0350000
ENT 20,852 see: ET0175000
ENT 20852 see: DI3150000
ENT 20871 see: AB2821000
ENT 20,993 see: TF1400000
ENT 21040 see: CY2450000
ENT-21170 see: GZ1455000
ENT-21557 see: GZ1452000
ENT 22,014 see: TD8400000
ENT 22,335 see: BZ9625000
ENT 22,374 see: GQ5250000
ENT 22542 see: XS3675000
ENT 22,784 see: TX3675000
ENT 22866 see: TD9800000
ENT 22897 see: TE3350000
ENT 23,233 see: TE1925000
ENT 23,284 see: TG0525000
ENT 23,285 see: TB5950000
ENT 23,437 see: TD9275000
ENT 23,438 see: AI7875000
ENT 23,445 see: MC5420000
ENT 23,584 see: JO1050000
ENT 23,648 see: DC8400000
ENT 23,708 see: TD5250000
ENT 23,737 see: WR5850000
ENT 23,968 see: TF2275000
ENT 23,969 see: FC3950000
ENT 23,970 see: SY6475000
ENT 23,979 see: RB9275000
ENT 24,042 see: TD9450000
ENT 24,105 see: TE4550000
ENT 24,482 see: TC3850000
ENT 24,585 see: TC1257000
ENT 24,650 see: TE1750000
ENT 24,652 see: TD8225000
ENT 24,653 see: TF8225000
ENT 24716 see: GQ4375000
ENT 24,717 see: GQ5075000
ENT 24727 see: GQ5775000
ENT 24,729 see: TC0845000
ENT 24,738 see: FA1500000
ENT 24,830 see: SZ7655000
ENT 24,833 see: LZ9450000
ENT 24915 see: SZ1750000

ENT 24,940 see: TB8809500
ENT 24,944 see: TF9370000
ENT 24,945 see: TP3850000
ENT 24,964 see: TG1420000
ENT 24,967 see: TB9660000
ENT 24,968 see: TB8600000
ENT 24969 see: TB8750000
ENT 24970 see: QK5950000
ENT 24,979 see: JN8750000
ENT 24,984 see: WA9625000
ENT 24,987 see: TB6180000
ENT 24988 see: IB9450000
ENT 25208 see: WH6650000
ENT-25294 see: IA1750000
ENT 25,296 see: XZ2100000
ENT 25445 see: XZ3850000
ENT 25,500 see: FB7875000
ENT 25,503 see: TC0650000
ENT-25,506 see: TE0960000
ENT 25,507 see: TF6600000
ENT 25,508 see: TG2920000
ENT 25,511 see: TB8540000
ENT 25,514 see: TI5250000
ENT 25515 see: TC2800000
ENT 25516 see: VN8925000
ENT 25,540 see: TF9625000
ENT 25,541 see: XI2850000
ENT 25,542 see: ON2200000
ENT 25,543 see: FB7875000
ENT 25,545 see: PC1225000
ENT 25,550 see: VV7310000
ENT 25564 see: TC5100000
ENT 25565 see: TC4985000
ENT 25,567 see: QK5775000
ENT 25,569 see: SK8400000
ENT 25,578 see: GQ5300000
ENT 25,579 see: FG2700000
ENT 25,580 see: TF5775000
ENT 25582 see: IO2275000
ENT 25,584 see: PB9450000
ENT 25,585 see: TD5775000
ENT 25586 see: TD5425000
ENT 25,596 see: TD5200000
ENT 25,599 see: TD5425000
ENT 25,601 see: SZ7640000
ENT 25,606 see: FG1400000
ENT 25,608 see: TD5650000
ENT 25,609 see: SZ5982000
ENT 25,610 see: TB5600000
ENT 25,611 see: TF7850000
ENT 25,612 see: TB1160000
ENT 25,613 see: TB1667000
ENT 25,614 see: TB1120000
ENT 25,615 see: TB1665000
ENT 25,616 see: TB1110000
ENT 25,617 see: TB1112000
ENT 25,618 see: XU5500000
ENT 25,620 see: WM8250000
ENT 25,622 see: TE0560000
ENT 25,623 see: EK7785000
ENT 25,624 see: GQ4430000
ENT 25,625 see: GQ4460000
ENT 25,626 see: GQ4350000
ENT 25,628 see: GQ4230000
ENT 25,631 see: TB9700000
ENT 25,632 see: GQ4280000
ENT 25,635 see: TB1080000
ENT 25,636 see: TF4100000
ENT 25,638 see: TC0820000
ENT 25,639 see: TF2050000
ENT 25,640 see: TF7525000
ENT 25,641 see: TC3150000
ENT 25,642 see: TF7700000
ENT 25,644 see: TF7650000
ENT 25,645 see: TF6900000
ENT 25,646 see: TF7800000
ENT 25647 see: TB5075000
ENT 25650 see: AI6825000
ENT 25,651 see: AE2450000
ENT 25,652 see: TD5400000
ENT 25,653 see: TD6100000
ENT 25,655 see: TD6330000
ENT 25,656 see: TD5410000
ENT 25670 see: FB7880000
ENT 25,671 see: FC3150000
ENT 25673 see: TF4200000
ENT 25,674 see: TG1575000
ENT 25,675 see: TF7600000
ENT 25,676 see: TE7800000
ENT 25,677 see: TD2700000
ENT 25678 see: DE2275000
ENT 25684 see: TF9800000
ENT 25,685 see: TD5180000
ENT 25,689 see: TB9670000
ENT 25,692 see: TB9350000
ENT 25,693 see: ES8350000
ENT 25,694 see: GQ4490000
ENT 25,698 see: TB9500000
ENT 25,705 see: TE2275000
ENT 25,707 see: TF6500000
ENT 25,712 see: TB0700000
ENT 25713 see: TA6125000
ENT 25,715 see: TG0350000
ENT 25,716 see: MC0570000
ENT 25,718 see: DT8225000
ENT 25,719 see: PC8225000
ENT 25,723 see: TA5425000
ENT 25,726 see: FC5775000
ENT 25,729 see: GY1250000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

ENT 25,732 see: FC7350000
ENT 25734 see: TC5075000
ENT 25,736 see: FB8575000
ENT 25,739 see: TD4900000
ENT 25,740 see: TG2810000
ENT 25,742 see: MC0590000
ENT 25,743 see: AI2850000
ENT 25,744 see: ES9010000
ENT 25,745 see: GQ4520000
ENT 25,746 see: GQ5280000
ENT 25,747 see: GQ5290000
ENT 25,748 see: TB9400000
ENT 25,749 see: TB8473000
ENT 25,750 see: TB9420000
ENT 25,751 see: TB8940000
ENT 25,752 see: TB8935000
ENT 25,753 see: TB8470000
ENT 25,755 see: TB0273000
ENT 25,757 see: TA9070000
ENT 25,758 see: TA9050000
ENT 25,760 see: TD5600000
ENT 25,764 see: XN0350000
ENT 25,765 see: TA5250000
ENT 25766 see: FC0700000
ENT 25,767 see: QD6700000
ENT 25,769 see: TB0275000
ENT 25,770 see: TA5620000
ENT 25,771 see: TA6120000
ENT 25,776 see: TF8050000
ENT 25,777 see: FC5600000
ENT 25,780 see: FB9800000
ENT 25,784 see: FC0175000
ENT 25,785 see: TB1075000
ENT 25,786 see: TB1690000
ENT 25,787 see: TB1680000
ENT 25,788 see: TB1077000
ENT 25,789 see: TB1076000
ENT 25,793 see: GQ5600000
ENT 25,795 see: TB0280000
ENT 25,796 see: TA5950000
ENT 25,798 see: TB0400000
ENT 25,801 see: FA3325000
ENT 25,809 see: NJ6400000
ENT 25,810 see: FC7525000
ENT 25,813 see: NJ6450000
ENT 25,814 see: TC2350000
ENT 25,815 see: TB6600000
ENT 25,816 see: TB8925000
ENT 25,818 see: TB8805000
ENT 25,820 see: TE4400000
ENT 25,821 see: TE4480000
ENT 25,822 see: TD9850000
ENT 25823 see: VN8400000
ENT 25824 see: FC5075000
ENT 25825 see: FC5250000
ENT 25,826 see: TB0620000
ENT 25,827 see: TE1420000
ENT 25,828 see: TE0660000
ENT 25,830 see: NJ6475000
ENT 25,832 see: TB1750000
ENT 25,833 see: TA4200000
ENT 25,837 see: TF6899000
ENT 25,840 see: TB8569900
ENT 25,841 see: TB9100000
ENT 25,842 see: TB8970000
ENT-25,843 see: FC8575000
ENT 25,844 see: XI2625000
ENT 25,863 see: TE4600000
ENT 25,864 see: TE4170000
ENT 25,865 see: TE4100000
ENT 25,866 see: TE4050000
ENT 25,867 see: TE4450000
ENT 25,868 see: FB3950000
ENT 25,870 see: TB1700000
ENT 25,871 see: TD8420000
ENT 25,873 see: TD8300000
ENT 25,874 see: TD8270000
ENT 25,922 see: EZ9084000
ENT 25,923 see: TG0100000
ENT 25,960 see: PC0400000
ENT 25,961 see: TA7830000
ENT 25,962 see: RB7700000
ENT 25,962 see: RB6962600
ENT 25,977 see: TA7600000
ENT 25,978 see: TA8100000
ENT 25,979 see: TB2275000
ENT 25,980 see: TA7500000
ENT-25,991 see: JP1050000
ENT 26,058 see: XY7175000
ENT-26079 see: MA1050000
ENT 26,316 see: XX9450000
ENT 26396 see: PB2100000
ENT 26,538 see: GW5075000
ENT-26592 see: EJ8225000
ENT 26,613 see: TF7900000
ENT 26,999 see: DD2450000
ENT 27,019 see: TB8448000
ENT 27,020 see: TB8570000
ENT 27,023 see: TB4980000
ENT 27,039 see: FB5250000
ENT 27,040 see: AB6050000
ENT-27041 see: FB4725000
ENT 27,043 see: TB8460000
ENT 27,045 see: TA5650000
ENT 27,081 see: TA7200000
ENT 27,082 see: TA7210000
ENT 27,083 see: TB1060000
ENT 27,086 see: FG1350000
ENT 27,087 see: RP5504000
ENT 27,088 see: NJ6380000
ENT 27,089 see: NJ8650000
ENT 27,090 see: NJ8430000
ENT 27,091 see: NJ6410000
ENT 27,092 see: TB9ee0000
ENT 27,093 see: UE2275000
ENT 27,097 see: TE7500000
ENT 27,099 see: TB8440000
ENT 27,100 see: TB8430000
ENT 27,101 see: TB8550000
ENT 27,102 see: TE7525000
ENT 27,103 see: TE6900000
ENT 27,110 see: TE2000000
ENT 27,111 see: TE1840000
ENT 27,112 see: TE1500000
ENT 27,113 see: TE1450000
ENT 27,115 see: WQ3850000
ENT 27,116 see: TE7660000
ENT 27,119 see: TB9105000
ENT 27,120 see: TE7400000
ENT 27,121 see: TE6950000
ENT 27,122 see: TE3250000
ENT 27,123 see: TE3200000
ENT 27,127 see: FC3500000
ENT 27,128 see: FB5075000
ENT 27,129 see: TC4375000
ENT 27,135 see: DV1778000
ENT 27,136 see: DV1780000
ENT 27,139 see: DV1800000
ENT 27,144 see: TF2070000
ENT 27,152 see: TF2500000
ENT 27,156 see: FC7600000
ENT 27,157 see: FC3400000
ENT 27,158 see: TE3300000
ENT 27,159 see: TE0175000
ENT 27,160 see: TE1575000
ENT 27,161 see: TG2950000
ENT 27,162 see: TE7175000
ENT 27,163 see: TD5175000
ENT 27,164 see: FB9450000
ENT 27,165 see: TF6890000
ENT 27,168 see: NJ6470000
ENT 27,169 see: NJ6455000
ENT 27,170 see: NJ6460000
ENT 27,171 see: NJ6465000
ENT 27,172 see: NJ6472000
ENT 27,173 see: FC5500000
ENT 27,179 see: FA9500000
ENT 27,180 see: TA7480000
ENT 27,182 see: YT3880000
ENT 27,184 see: TG5250000
ENT 27,185 see: TA7490000
ENT 27,186 see: TA8050000
ENT 27,187 see: AI7250000
ENT 27,188 see: WM8550000
ENT 27,189 see: TA7380000
ENT 27,190 see: FG105000
ENT 27,191 see: TC0270000
ENT 27,192 see: TB3900000
ENT 27193 see: TE2100000
ENT 27,207 see: TE442C000

KA5512500 ENT 27,208
UPDT.8401
SYN: R-6486 * STAUFFER R-6486
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:21900 ug/kg ARSIM* 20,23,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KA5512700 ENT 27,209
UPDT.8401
SYN: R-7127 * STAUFFER R-7127
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:56200 ug/kg ARSIM* 20,23,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ENT 27,211 see: TD7975000
ENT 27,215 see: EK7750000
ENT 27,221 see: WS2285000
ENT 27,224 see: WT2977000
ENT 27,225 see: WT3750000
ENT 27226 see: WT2900000
ENT 27,227 see: TA9030000

KA5540000 ENT 27,228
UPDT.8401
SYN. B-11113 * STAUFFER B-11113
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10 mg/kg ARSIM* 20,21,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KA5542000 ENT 27,229
UPDT.8401
SYN. B-11157 * STAUFFER B-11157
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10 mg/kg ARSIM* 20,21,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ENT 27,230 see: TF7180000
ENT 27,234 see: TB1105000
ENT 27,236 see: PC1300000
ENT 27,238 see: TE0875000
ENT 27,239 see: TB5050000
ENT 27,244 see: FF9100000
ENT 27,248 see: TG2220000
ENT 27,249 see: TA6700000
ENT 27,250 see: TA6825000
ENT 27,251 see: TA5300000
ENT 27253 see: FC7700000
ENT 27,254 see: PB0470000
ENT 27,257 see: TE1050900

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

ENT 27,258 see: TE7000000
ENT 27,260 see: TZ7750000
ENT 27,261 see: WH8700000
ENT 27,262 see: EY8320000
ENT 27,263 see: EY8350000
ENT 27,264 see: EY8300000
ENT 27,266 see: MC0580000
ENT 27,267 see: TA4250000
ENT 27,268 see: TE0570000
ENT 27,269 see: TD7750000
ENT 27,270 see: TF0470000
ENT 27,271 see: TF0475000
ENT 27,272 see: TG0425000
ENT 27,274 see: JO1620000
ENT 27,275 see: JO1970000
ENT 27,276 see: TB1660000
ENT 27,277 see: TB0600000
ENT 27,281 see: UW5850000
ENT 27,282 see: UV9350000
ENT 27,283 see: TF6250000
ENT 27,294 see: TF3550000
ENT 27,295 see: TD8500000
ENT 27,296 see: TE2300000
ENT 27,298 see: TA5680000
ENT 27300 see: FB8050000
ENT 27,301 see: RB7780000
ENT 27,302 see: EL9150000
ENT 27,303 see: GY5120000
ENT 27,304 see: GW1800000
ENT 27,305 see: FB9880000
ENT 27,309 see: TA5670000
ENT 27,310 see: TE1410000
ENT 27311 see: TF6300000
ENT 27,312 see: TD7900000
ENT 27,313 see: PB9520000
ENT 27,316 see: TD7950000
ENT 27,318 see: TE4025000

KA5953200 ENT 27,319
UPDT.8401
SYN: R-10032 * STAUFFER R-10032
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:178 mg/kg ARSAM* 20,23,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ENT 27320 see: TD5165000
ENT 27,321 see: TE0630000
ENT 27,322 see: TA5700000
ENT 27,324 see: FB9625000
ENT 27,325 see: TD4150000
ENT 27,326 see: TG2300000
ENT 27,330 see: TG0770000
ENT 27,331 see: TE8600000
ENT 27,332 see: GY2510000
ENT 27,333 see: TF2000000
ENT-27335 see: LQ4375000
ENT 27,338 see: FB9910000
ENT 27339 see: GZ1730000
ENT 27,340 see: XM6886000
ENT 27,341 see: AK2975000
ENT 27,342 see: DE3000000
ENT 27,346 see: TE0350000
ENT 27,347 see: FC6210000
ENT 27,348 see: FB3750000
ENT 27,349 see: DV2050000
ENT 27,350 see: FB3960000
ENT 27,351 see: FC5330000
ENT 27,352 see: FC6710000
ENT 27,357 see: TC287000u
ENT 27,358 see: TC2850000
ENT 27,360 see: TE1300000
ENT 27,361 see: TA5690000
ENT 27,362 see: FB4570000
ENT 27,363 see: FG0470000
ENT 27,364 see: FF8970000
ENT 27,365 see: FG2150000
ENT 27,366 see: FG2190000
ENT 27,367 see: FG2180000
ENT 27,368 see: FG2200000
ENT 27,369 see: FC2700000
ENT 27,370 see: TE0220000
ENT 27,371 see: TF6350000
ENT 27,372 see: TA7400000
ENT 27,373 see: TB0185000
ENT 27,374 see: TB0200000
ENT 27,375 see: TB1070000
ENT 27,376 see: EZ9010000
ENT 27,377 see: TF3750000
ENT 27,382 see: FB5700000
ENT 27,383 see: FB9700000
ENT 27,385 see: FC0875000
ENT 27386 see: AI7875000
ENT 27,388 see: FC200000C
ENT 27,389 see: FC1925000
ENT 27,391 see: GZ2200000
ENT 27,393 see: FD9275000
ENT 27394 see: TF6125000
ENT 27395 see: WH8750000
ENT 27,396 see: TB4970000
ENT 27,397 see: FC2750000
ENT 27,398 see: TB5000000
ENT 27,399 see: TB1450000
ENT 27,407 see: FC4900000
ENT 27408 see: TF0175000
ENT 27410 see: FC1030000
ENT-27,411 see: AB2955000
ENT 27438 see: DD6650000
ENT-27439 see: NJ4900000
ENT 27474 see: GZ1310000
ENT 27488 see: MD4740000
ENT 27520 see: TG0700000
ENT 27521 see: TC5450000
ENT 27552 see: DD2100000
ENT-27566 see: FC2800000
ENT 27567 see: LQ4550000
ENT 27567 see: LQ4375000
ENT 27572 see: TB3675000
ENT 27625 see: TC4025000
ENT 27635 see: TF1590000
ENT 27696 see: FC1050000
ENT 27738 see: JN8770000
ENT-27766 see: EZ9100000
ENT 27822 see: TB4760000
ENT 27851 see: EL8200000
ENT 27910 see: CO3737000
ENT 27967 see: ZI0480000
ENT 27989 see: GQ4750000
ENT 28009 see: WH8375000
ENT 28344 see: DF4911000
ENT 29054 see: YS6200000
ENT 29118 see: TG1380000
ENT 31472 see: FD8892250
ENT 33335 see: GQ5780000
ENT 33348 see: UA2470200
ENT 50,003 see: SZ1925000
ENT-50107 see: SZ1300000
ENT 50146 see: ZG0350000
ENT 50172 see: CM6766000
ENT-50324 see: KK5075000
ENT 50,434 see: CC6825000
ENT 50439 see: YQ8925000
ENT 50698 see: YQ9000000
ENT-50838 see: CM6785000
ENT 50852 see: OS1050000
ENT 50882 see: TD0875000
ENT-50990 see: SZ5825000
ENT-50991 see: TA1460000
ENT 51254 see: SY9500000
ENT 51295 see: TD0897000
ENT 51,762 see: RB8750000
ENT-51799 see: PA8925000
ENT 51904 see: TY5400007
ENT-59104 see: TY5400000
ENT-61241 see: AI1225000
ENT 61969 see: QZ5990100
ENT 70459 see: JR1700000
ENT 70531 see: JR1760000
ENT 75,801-e see: FA3325000
ENT 25,832-a see: TB1750000
ENT 27,300-a see: FB8050000
ENTA see: RC8965000
ENTAc-6 see: RC8964440
ENTACYL see: MO1955000

KA6991000 ENTADA PHASEOLOIDES (Linn.) Merr., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT.8408
SYN: ENTADA PURSAETHA DC., extract excluding roots
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77
ENTADA PURSAETHA DC., extract excluding roots see: KA6991000 ENTADA PHASEOLOIDES (Linn.)Merr., extract excluding roots
ENT AI3-29261 see: UE2080000
ENTEPAS see: VO1225000
ENTERAMINE see: NM2450000
ENTERICIN see: VO0700000
ENTERO-BIO FORM see: VC5075000

KA7330000 ENTERO-EXOTOXIN, CHOLERA
UPDT.8403
SYN: CHOLERA ENTERO-EXOTOXIN * CHOLERA EMTEROTOXIN * CHOLERAGEN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T24T27 ivn-mus TDLo:8 ug/kg (4-6D preg) IMLCAV 1,223,72
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:260 ug/kg IMLCAV 1,223,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ENTEROMYCETIN see: AB6825000
ENTEROPHEN see: VO0700000
ENTEROQUINOL see: VC5075000
ENTEROSALIL see: VO5075000
ENTEROSARINE see: VO0700000
ENTEROSEDIV see: TI4375000
ENTEROSEPTOL see: VC5075000
ENTEROTOXON see: RQ3675000

KA8083000 ENTEROTOXIN F, from STAPHYLOCOCCUS AUREUS
UPDT.8405
SYN: STAPHYLOCOCCUS AUREUS ENTEROTOXIN F
TOXICITY DATA AND REFERENCES:
1K12 szu-rbt LD50:2 ug/kg ALJMAO 48,447,82
1K12 ivn-rbt LD50:60 ug/kg ALJMAO 48,447,82

ENTERO-VIOFORM see: VC5075000
ENTEROZOL see: VC5075000
ENTERUM LOCORTEN see: VC5075000
ENTEX see: TF9625000
ENT 35657-Ga (9CI) see: QE2200000
ENT 27386GC see: AI7875000
ENT 27699GC see: TF1410C00
ENTHONEX see: SF8423000
ENTIZOL see: NI5600000
ENTOBEX see: SF8423000
ENTOMOXAN see: GV4900000
ENTOTHEIN see: EC2462000
ENTPROL see: UB5604000
ENTRAMIN see: XJ2800000
ENTROXIN see: VC5075000
ENTRONON see: SF8423000
ENTSUFON see: XU0175000
ENTUSIL see: WO9100000
ENTUSUL see: WO9100000
ENT 24,980-X see: TF0525000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

ENT 25,545-X see: PC1225000
ENT 25,552-X see: PB9800000
ENT 25,554-X see: TD6125000
ENT 25,555-X see: TD5950000
ENT 25,557-X see: TF3675000
ENT 25,558-X see: XZ5350000
ENT 25595-X see: EZ9084000
ENT 25,602-X see: TB3850000
ENT 25,711-X see: FB5649900
ENT 27,395-X see: WH8750000
ENTEROSALICYL see: VO5075000
ENTEXIDIN see: TM8575000
ENTROPHEN see: VO0700000
ENTYDERMA see: TU3805000
ENU see: FB0350000
ENU see: YT3150000
ENUCLEN see: BO3325000
ENUCLEN see: BO3150000
ENVERT 171 see: AG6825000
ENVERT DT see: AG6825000
ENVERT-T see: AJ8400000
ENVIOMYCIN see: ZA3930000
ENVIOMYCIN HYDROCHLORIDE see: YO3376500
ENZACTIN see: AK3675000
ENZAMIN see: NK7875000
ENZAPROST see: UK8020000
ENZAPROST F see: UK8020000
ENZEON see: GC3050000
ENZODASE see: MT7260000
ENZOSE see: FB8400000
E.O. see: KX2450000
EO see: RC8925000
EOCT see: XF0550000
EOFT see: XJ1876000
EOSIN see: LM5800000
EOSIN see: LW5850000
EOSIN BLUE see: LM5900000
EOSINE see: LM5800000
EOSINE see: LM5850000
EOSINE B see: LM5850000
EOSINE BLUE see: LM5900000
EOSINE BLUISH see: LM5900000
EOSINE BPC see: LM5850000
EOSINE BS see: LM5850000
EOSINE BS-SF see: LM5850000
EOSINE DA see: LM5850000
EOSINE DWC 73 see: LM5850000
EOSINE EXTRA CONC. A. EXPORT see: LM5850000
EOSINE FA see: LM5850000
EOSINE G see: LM5850000
EOSINE 3G see: LM5850000
EOSINE GF see: LM5850000
EOSINE J see: LM5850000
EOSINE OJ see: LM5850000
EOSINE S13 (BLUISH) see: LM5850000
EOSINE SODIUM SALT see: LM5850000
EOSINE W/S see: LM5850000
EOSINE Y see: LM5850000
EOSINE 3Y see: LM5850000
EOSINE YB see: LM5850000
EOSINE YELLOWISH see: LM5850000
EOSINE YELLOWISH see: LM5825000
EOSINE YELLOWISH-(YS) see: LM5850000
EOSINE YS see: LM5850000
EOSIN G see: LM5850000
EOSIN GELBLICH (German) see: LM5850000
EOSIN Y see: LM5850000
EOSIN YS see: LM5850000
EP 30 see: SM6300000
E 66P see: KV0350000
EP-145 see: WI3325000
EP 160 see: TB8100000
EP-185 see: IM2275000
EP 201 see: RN7700000
EP-205 see: RN9100000
EP-206 see: RN8640000
EP 316 see: FB8050000
EP-332 see: FC2800000
EP 333 see: LQ4550000
EP-333 see: LQ4375000
EP-411 see: MV8750000
EP-452 see: FD9050000
EP-475 see: FD0425000
1038P8 see: KV0350000
EP 1208 see: AK0920000
EP 1436 see: AK0920000
EP 1437 see: AK0920000
EP 1463 see: AK0920000
EPA 3530 see: AT6970000
EPAL see: SZ9640000
EPAL 6 see: MQ4025000
EPAL 8 see: RH6550000
EPAL 10 see: ME4375000
EPAL 12 see: JR5775000
EPAL 16NF see: MM0225000
E-PAM see: DF1575000
EPAMIN see: MU1050000
EPAMIN see: MU1400000
EPANAL see: CQ6825000
EPANUTIN see: MU1050000
EPANUTIN see: MU1400000
EPAREN see: WO6475000
EPASMIR '5' see: MU1050000
EPB 3570 see: AT6970000
EPBP see: TB1735000
EPC (the plant regulator) see: FO8925000
EPDANTOINE SIMPLE see: MU1050000
EPE see: KC0190000
EP-161E see: PA9625000
EPELIN see: MU1050000
EPELIN see: MU1400C00
EPERISONE HYDROCHLORIDE see: UH1755000
EPFT see: XJ1877000
EPHADREN see: SI1400000
EPHEDRAL see: KB0700000
EPHEDRATE see: KB0700000
EPHEDREMAL see: KB0700000
EPHEDRIN see: KB0700000
EPHEDRINE see: KB0700000

KB0600000 EPHEDRINE, (+)-
UPDT:8401 CAS: 321-98-2 MW: 165.26 MOLFM: C10-H15-N-O
SYN: BENZENEMETHANOL, alpha-(1-(METHYLAMINO)ETHYL)-, (S-(R* S*))- (9CI) * (+)-EPHEDRINE * d-EPHEDRINE * L-(+)-EPHEDRINE

TOXICITY DATA AND REFERENCES:
3F05F11F12 ipr-mus LD50:255 mg/kg JPMSAE 53,987,64

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KB0650000 EPHEDRINE, D-(-)-
UPDT:8311 MW: 165.26 MOLFM: C10-H15-N-O
SYN: D-(-)-EPHEDRINE

TOXICITY DATA AND REFERENCES:
3F05F11F12 ipr-mus LD50:177 mg/kg JPMSAE 53,987,64

KB0700000 EPHEDRINE, L-(-)-
UPDT:8305 CAS: 299-42-3 MW: 165.26 MOLFM: C10-H15-N-O
SYN: BENZENEMETHANOL, alpha-(1-(METHYLAMINO)ETHYL)-, (R-(R* S*))- * BIOPHEDRIN * ECIPHIN * EFEDRIN * EPHEDRAL * EPHEDRATE * EPHEDREMAL * EPHEDRIN * EPHEDRINE * l-EPHEDRINE * L(-)-EPHEDRINE * EPHEDRITAL * EPHEDROL * EPHEDROSAN * EPHEDROTAL * EPHEDSOL * EPHENDRONAL * ErHOXAMIN * FEDRIN * alpha-HYDROXY-beta-METHYL AMINE PROPYLBENZENE * 1-HYDROXY-2-METHYLAMINO-1-PHENYLPROPANE * l-SEDRIN * ISOFEDROL * KRATEDYN * MANADRIN * MANDRIN * (-)-alpha-(1-METHYLAMINOETHYL)BENZYL ALCOHOL * l-alpha-(1-METHYLAMINOETHYL)BENZYL ALCOHOL * L-2-METHYLAMINO-1-PHENYLPROPANOL * NASOL * NOREPHEDRINE, N-METHYL- * 1-PHENYL-2-METHYLAMINOPROPANOL * SANEDRINE * VENCIPON * ZEPHROL

TOXICITY DATA AND REFERENCES:

	unk-man LDLo:9 mg/kg	85DCAI 2,73,70
	orl-rat LD50:600 mg/kg	27ZQAG -,341,72
	ipr-rat LDLo:170 mg/kg	AEPPAE 195,647,40
	scu-rat LD50:300 mg/kg	AIPTAK 68,339,42
	ivn-rat LDLo:130 mg/kg	AEPPAE 120,189,27
*	orl-mus LD50:400 mg/kg	35ESA3 9,471,76
2F17U26	ipr-mus LD50:350 mg/kg	PCJOAU 3,203,69
1F05	scu-mus LD50:410 mg/kg	RPTOAN 43,234,80
	ivn-mus LD50:74 mg/kg	APTOA6 38,474,76
	unk-mus LDLo:600 mg/kg	AEPPAE 153,161,30
	ivn-dog LDLo:70 mg/kg	AEPPAE 120,189,27
	ivn-cat LDLo:60 mg/kg	AEPPAE 120,189,27
	orl-rbt LDLo:590 mg/kg	AEPPAE 120,189,27
	ipr-rbt LDLo:310 mg/kg	AEPPAE 120,189,27
	scu-rbt LDLo:320 mg/kg	AEPPAE 120,189,27
	ivn-rbt LDLo:50 mg/kg	AEPPAE 120,189,27
	ims-rbt LDLo:340 mg/kg	AEPPAE 120,189,27
	scu-gpg LD50:420 mg/kg	AEPPAE 169,114,33
	par-frg LDLo:530 mg/kg	AEPPAE 120,189,27

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 12(1),1,78; PISDDJ 5,-,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(+)-EPHEDRINE see: KB0600000
d-EPHEDRINE see: KB0600000
D-(-)-EPHEDRINE see: KB0650000
d-psi-EPHEDRINE see: UL5800000
l-EPHEDRINE see: KB0700000
L(-)-EPHEDRINE see: KB0700000
L-(+)-EPHEDRINE see: KB0600000
psi-EPHEDRINE see: UL5800000
EPHEDRINE, N-BUTYL-, HYDROCHLORIDE, DL- see: DN9223000

KB1290000 EPHEDRINE COMPOUND ELIXIR
UPDT:8401

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T52174T77 orl-wmn TDLo:632 mg/kg (1-39W preg) LANCAO 1,1241,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EPHEDRINE, DEOXY- see: SH4900000
EPHEDRINE HYDROCHLORIDE see: KB1750000

KB1575000 EPHEDRINE, HYDROCHLORIDE, (+-)-
UPDT:8405 CAS: 134-71-4 MW: 201.72 MOLFM: C10-H15-N-O Cl-H
SYN: dl-EPHEDRINE HYDROCHLORIDE * DL-EPHEDRINE HYDROCHLORIDE * EPHETONIN * EPHETONINE * dl-alpha-(1-(METHYLAMINO)ETHYL) BENZYL ALCOHOL HYDROCHLORIDE * 1-PHENYL-2-METHYLAMINOPROPANOL-1 * RACEPHEDRINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	scu-rat LD50:350 mg/kg	AEPPAE 169,114,33
*	orl-mus LD50:700 mg/kg	JMCMAR 9,966,66
*	ipr-mus LD50:254 mg/kg	PHARAT 24,776,69
	scu-mus LD50:800 mg/kg	AEPPAE 169,114,33
*	ivn-mus LD50:135 mg/kg	JMCMAR 9,966,66
	ivn-rbt LDLo:60 mg/kg	JPETAB 36,363,29

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KB1750000 EPHEDRINE, HYDROCHLORIDE, (-)-
UPDT:8306 CAS: 50-98-6 MW: 201.72 MOLFM: C10-H15-N-O Cl-H
SYN: BENZENEMETHANOL, alpha-(1-(METHYLAMINO)ETHYL)-, HYDROCHLORIDE, (R-(R* S*))- * EPHEDRINE HYDROCHLORIDE * l-EPHEDRINE, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1C17	idr-hmn TDLo:6 ug/kg	JPETAB 76,295,42
	ipr-rat LD50:165 mg/kg	JPETAB 86,284,46
	scu-rat LDLo:160 mg/kg	JPETAB 71,62,41
*	orl-mus LD50:400 mg/kg	JMCMAR 9,966,66
	ipr-mus LD50:242 mg/kg	JPETAB 158,135,67
	scu-mus LD50:600 mg/kg	JPETAB 86,284,46
*	ivn-mus LD50:118 mg/kg	JMCMAR 9,966,66
	par-mus LDLo:500 mg/kg	MAIZAB 3(1),1,25
	scu-rbt LD50:165 mg/kg	JPETAB 86,284,46
	ivn-rbt LDLo:60 mg/kg	JPETAB 36,363,29
	ims-rbt LD50:175 mg/kg	JPETAB 86,284,46
	scu-gpg LDLo:427 mg/kg	JPETAB 32,121,27
*	ivn-gpg LDLo:349 mg/kg	AIPTAK 125,236,60
	par-frg LDLo:440 mg/kg	MAIZAB 3(1),1,25

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

dl-EPHEDRINE HYDROCHLORIDE see: KB1575000
DL-EPHEDRINE HYDROCHLORIDE see: KB1575000
l-EPHEDRINE, HYDROCHLORIDE see: KB1750000
EPHEDRINE, N-PENTYL-, HYDROCHLORIDE, DL- see: DP0610000

KB2625000 EPHEDRINE SULFATE (2:1) (salt), (-)-
UPDT:8412 CAS: 134-72-5 MW: 428.60 MOLFM: C20-H30-N2-O2 H2-O4-S
SYN: l-EPHEDRINE SULFATE * ISOFEDROL * 1-alpha-(1-(METHYLAMINO)ETHYL)BENZYL ALCOHOL SULFATE * NCI-C55652 * 1-PHENYL-2-METHYLAMINE-PROPANOL-1-SULFATE

TOXICITY DATA AND REFERENCES:

2G07H01	ivn-hmn TDLo:1 mg/kg	AEPPAE 120,189,27
3C08F12J30	orl-rat LD50:404 mg/kg	JPETAB 94,150,48
3C08F12J30	scu-rat LD50:318 mg/kg	JPETAB 94,150,48
3C08F12J30	ivn-rat LD50:102 mg/kg	JPETAB 94,150,48
	ipr-mus LD50:400 mg/kg	TXAPA9 28,227,74
*	scu-mus LDLo:500 mg/kg	85ESA3 9,471,76
3C08F12J30	orl-rbt LD50:825 mg/kg	JPETAB 94,150,48
3C08F12J30	scu-rbt LD50:383 mg/kg	JPETAB 94,150,48
3C08F12J30	ivn-rbt LD50:73 mg/kg	JPETAB 94,150,48

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

l-EPHEDRINE SULFATE see: KB2625000
EPHEDRITAL see: KB0700000
EPHEDROL see: KB0700000
EPHEDROSAN see: KB0700000
EPHEDROTAL see: KB0700000
EPHEDSOL see: KB0700000
EPHENDRONAL see: KB0700000
EPHERON see: YU0875000
EPHETONIN see: KB1575000
EPHETONINE see: KB1575000
EPHININE HYDROCHLORIDE see: UX1925000
EPHIRSULPHONATE see: DB5250000
EPHORRAN see: JO1225000
EPHOXAMIN see: KB0700000
EPHYNAL see: DJ2900000
EPHYNAL ACETATE see: GP8588000
EPIB see: UE9480000
EPIBENZALIN see: DF2450000
EPIBLOC see: TY4025000
EPIBROMHYDRIN see: TX4115000
EPIBROMOHYDRIN see: TX4115000
EPIBROMOHYDRIN (DOT) see: TX4115000
EPIBROMOHYDRINE see: TX4115000
EPICHLOORHYDRINE (Dutch) see: TX4900000
EPICHLORHYDRIN (German) see: TX4900000
EPICHLORHYDRINE (French) see: TX4900000
EPICHLOROHYDRIN see: TX4900000
alpha-EPICHLOROHYDRIN see: TX4900000
(DL)-alpha-EPICHLOROHYDRIN see: TX4900000
EPICHLOROHYDRIN (DOT) see: TX4900000
EPICHLOROHYDRYNA (Polish) see: TX4900000
EPICHLOROPHYDRIN see: TX4900000
EPICLASE see: YU0875000
EPI-CLEAR see: DM8575000
EPICLORIDRINA (Italian) see: TX4900000
EPICOCCUM NIGRUM, filtrate see: LT3686400
EPICUR see: TZ0175000
EPICURE DDM see: BY5425000
EPIDERMOL see: AB4230000
EPIDIAN 5 see: SL6475000
3,17-EPIDIHYDROXYESTRATRIENE see: KG2975000
3,17-EPIDIHYDROXYOESTRATRIENE see: KG2975000
EPIDIONE see: RQ2100000
5,8-EPIDIOXY-5-alpha,8-alpha-ERGOSTA-6,22-DIEN-3-beta-OL see: KE7289000

KB4700000 1,5-EPIDITHIOPREGNANE-3,20-DIONE
UPDT:8401 MW: 378.63 MOLFM: C21-H30-O2-S2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:200 ug/kg (1D pre)	13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EPIDONE see: RQ2100000
EPIDORM see: CQ6825000
EPIDOSIN see: BP7600000
4'-EPIDOXORUBICIN see: QI9295840 5,12-NAPHTHACENEDIONE, 10-((3-AMINO-2,3,6-TRIDEOXY-beta-L-arabino-HEXOPYRANOSYL)OXY)- 7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-8-(HYDROXYACETYL)-1-METHOXY, (8S-cis)-
EPIDOZIN see: BP7600000
EPIDROPAL see: UR0785000
EPI-DX see: QI9295840 5,12-NAPHTHACENEDIONE, 10-((3-AMINO-2,3,6-TRIDEOXY-beta-L-arabino-HEXOPYRANOSYL)OXY)- 7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-8-(HYDROXYACETYL)-1-METHOXY-, (8S-cis)-
EPIERYTHROMYCYL-A-AMINE see: KF4590000
9-EPIERYTHROMYCYLAMINE see: KF4590000
EPIFENYL see: MU1050000
EPIFENYL see: MU1400000
EPIFRIN see: DO2625000
EPIHYDAN see: MU1050000
EPIHYDAN see: MU1400000
EPIHYDRIN ALCOHOL see: UB4375000
EPIHYDRINALDEHYDE see: MB3150000
EPIHYDRINE ALDEHYDE see: MB3150000
3-EPIHYDROXYETIOALLOCHOLAN-17-ONE see: BV8053000
EPIKOTE 828 see: SL6321000
EPIKOTE 1001 see: SL6310000
EPIKOTE 1004 see: SL6480000
EPIKUR see: TZ0175000
EPIKURE DDM see: BY5425000
EPILAN see: MU1050000
EPILAN see: MU2275000
EPILAN-D see: MU1050000
EPILAN-D see: MU1400000
EPILANTIN see: MU1050000
EPILANTIN see: MU1400000
EPILEO PETIT MAL see: WN2800000
EPILIM see: YV7875000
EPILIM see: YV7876000

KB6038000 EPILOBIUM LATIFOLIUM (L.) Sw., extract
DEF:Indian plant belonging to the family ONAGRACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 mg/kg	IJEBA6 18,594,80

KB6039000 EPILOBIUM ROSEUM Schreb., extract excluding roots
DEF:Indian plant belonging to the family ONAGRACEAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:

1H02	ipr-rat LD50:200 mg/kg	IJEBA6 16,228,78

EPILOL see: CQ6825000
EPIMID see: WN3325000
EPINAL see: AF2100000
EPINAT see: MU1050000
EPINAT see: MU1400000
EPINEFRINA see: DO2625000
EPINELBON see: DF2450000
EPINEPHRAN see: DO2625000
EPINEPHRINE see: DO2625000
(-)-EPINEPHRINE see: DO2625000
l-EPINEPHRINE see: DO2625000
(R)-EPINEPHRINE see: DO2625000
EPINEPHRINE BITARTRATE see: DO3500000
EPINEPHRINE d-BITARTRATE see: DO3500000
(-)-EPINEPHRINE BITARTRATE see: DO3500000
l-EPINEPHRINE BITARTRATE see: DO3500000
l-EPINEPHRINE d-BITARTRATE see: DO3500000
L-EPINEPHRINE BITARTRATE see: DO3500000
EPINEPHRINE CHLORIDE see: DO3150000
l-EPINEPHRINE CHLORIDE see: DO3150000
EPINEPHRINE, HYDROCHLORIDE see: DO3150000
(-)-EPINEPHRINE HYDROCHLORIDE see: DO3150000
(+-)-EPINEPHRINE HYDROCHLORIDE see: DO3330000
l-EPINEPHRINE HYDROCHLORIDE see: DO3150000
dl-EPINEPHRINE HYDROCHLORIDE see: DO3330000
EPINEPHRINE HYDROGEN TARTRATE see: DO3500000
EPINEPHRINE ISOPROPYL HOMOLOG see: DO1750000
EPINEPHRINE KETONE HYDROCHLORIDE see: AM8225000
l-EPINEPHRINE (SYNTHETIC) see: DO2625000
EPINEPHRINE TARTRATE see: DO3500000
l-EPINEPHRINE TARTRATE see: DO3500000
EPININE HYDROCHLORIDE see: UX1925000
EPINOVAL see: SB2145000
EPI-PEVARYL see: NI4450000

KC0180000 EPIPODOPHYLLOTOXIN, 4'-DEMETHYL-, 9-(4,6-O-2-THENYLIDENE-beta-D-GLUCOPYRANOSIDE)
UPDT:8411 CAS: 29767-20-2 MW: 656.70 MOLFM: C32-H32-O13-S
SYN: 4'-DEMETHYLEPIPODOPHYLLOTOXIN 9-(4,6-O-2-THENYLIDENE-beta-D-GLUCOPYRANOSIDE) * 4'-DEMETHYL-EPIPODOPHYLLOTOXIN-beta-D-THENYLIDENE-GLUCOSIDE * 4'-DEMETHYL 1-O-(4,6-O,O-(2-THENYLIDENE)-beta-D-GLUCOPYRANOSYL)EPIPODOPHYLLOTOXIN * EPIPODOPHYLLOTOXIN-beta-D-THENYLIDENE-GLUCOSIDE, 4'-DEMETHYL- * ETP * NSC-122819 * VEHEM * VM-26 * VUMON

MUTATION DATA AND REFERENCES:

	dnd-hmn:hla 100 umol/L	BICHAW 15,5443,76
	dni-hmn:lym 1 umol/L	CNREA8 35,99,75
	oms-hmn:lym 1 umol/L	CNREA8 35,99,75
	oms-hmn:lym 100 nmol/L	CNREA8 35,99,75
	oms-mus:ath 10 ug/L	ONCOBS 35,217,78
	dnd-mus/leu 50 ug/kg	CNREA8 40,4225,80
	dni-mus:ath 100 ug/L	CNREA8 37,2998,77
	sce-ham:ovr 10 ug/L	CNREA8 43,577,83
	msc-ham:ovr 40 ug/L	CNREA8 43,577,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T47T49	ipr-mus TDLo:1 mg/kg (7D preg)	TJADAB 18,31,78
3T34T35T46	ipr-mus TDLo:1 mg/kg (7D preg)	TJADAB 18,31,78
1T11	ipr-mus TDLo:1 mg/kg (6D preg)	TJADAB 18,31,78
1T33	ipr-mus TDLo:1 mg/kg (8D preg)	TJADAB 18,31,78

TOXICITY DATA AND REFERENCES:

3F14K13R21	orl-hmn TDLo:9579 mg/kg	EJCAAH 14,1395,78
3P15P25P26	ivn-hmn TDLo:26 mg/kg/10D-I	CANCAR 34,985,74
	ipr-rat LD17:50 mg/kg	CTRRDO 60,1127,76
	ipr-mus LD17:50 mg/kg	CTRRDO 60,1127,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EJCAAH 9(7),477,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KC0190000 EPIPODOPHYLLOTOXIN-beta-D-ETHYLIDEN-GLUCOSIDE, 4'-DEMETHYL-
UPDT:8408 CAS: 33419-42-0 MW: 604.61 MOLFM: C29-H32-O14
SYN: 4'-DEMETHYLEPIPODOPHYLLOTOXIN 9-(4,6-O-ETHYLIDENE-beta-D-GLUCOPYRANOSIDE * 4-DEMETHYL-EPIPODOPHYLLOTOXIN-beta-D-ETHYLIDEN-GLUCOSIDE * 4'-O-DEMETHYL-1-O-(4,6-O-ETHYLIDENE-beta-D-GLUCOPYRANOSYL)EPIPODOPHYLLOTOXIN * EPE * ETOPOSIDE * NSC 141540 * VP-16 * VP 16213

MUTATION DATA AND REFERENCES:

	dnd-hmn:hla 1 umol/L	BICHAW 15,5443,76
	dnd-hmn:leu 500 nmol/L	CNREA8 43,1592,83
	dni-hmn:hla 25 umol/L	BICHAW 15,5435,76
	oms-hmn:hla 20 umol/L	BICHAW 15,5435,76
	dni-hmn:leu 500 nmol/L	CNREA8 43,1592,83
	oms-hmn:lym 5 mg/L	EJCAAH 14,741,78
	dnd-mus:mmr 1 mg/L	CNREA8 34,1788,74
	dnd-mus:leu 5 umol/L	CNREA8 43,120,83
	dni-mus:ath 1 mg/L	CNREA8 37,2998,77
	dni-mus:leu 5 umol/L	PAACA3 14,110,73
	hma-mus/leu 15 mg/kg	PAACA3 14,110,73
	sce-ham:ovr 100 ug/L	CNREA8 43,577,83
	msc-ham:ovr 800 ug/L	CNREA8 43,577,83
	dni-mam:ast 50 umol/L	PAACA3 24,309,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	unk-rat TDLo:1400 mg/kg (28D male)	ARTODN (Suppl 4),466,80
3T42T34T35	ipr-mus TDLo:2 mg/kg (6D preg)	TJADAB 18,31,78
1T46	ipr-mus TDLo:1 mg/kg (7D preg)	TJADAB 18,31,78
1T41	ipr-mus TDLo:1 mg/kg (8D preg)	TJADAB 18,31,78
2T11T33	ipr-mus TDLo:1500 ug/kg (6D preg)	TJADAB 18,31,78

TOXICITY DATA AND REFERENCES:

3P15P25P26	orl-hmn TDLo:16 mg/kg/5D-I	CANCAR 34,985,74
3P15P25P26	ivn-hmn TDLo:2630 ug/kg/10D-I	CANCAR 34,985,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EPIPODOPHYLLOTOXIN-beta-D-THENYLIDENE-GLUCOSIDE, 4'-DEMETHYL- see: KC0180000
EPIPROPIDINE see: DW0900000
EPIRENAMINE see: DO2625000
l-EPIRENAMINE see: DO2625000
EPIRENAN see: DO2625000

BEST COPY AVAILABLE

EPIRENIN see: DO2625000
EPI-REZ 508 see: TX3800000
EPI-REZ 510 see: TX3800000
EPI-REZ 508 mixed with ERR 4205 (1:1) see: RN9110000
EPIRIZOLE see: UV9290000
EPIROTIN see: NK7875000

KC0971000 11-EPISARNOVIDE
UPDT:8406

TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:398 ug/kg AIPTAK 140,8,62

EPISED see: MU1050000
EPISEDAL see: CQ6825000
EPITELIOL see: VH6750000
EPITHELONE see: AB4230000
2,3-EPITHIOANDROSTAN-17-OL see: KC1035000 2-alpha,3-alpha-EPITHIO-5-alpha-ANDROSTAN-17-betaOL

KC1035000 2-alpha,3-alpha-EPITHIO-5-alpha-ANDROSTAN-17-beta-OL
UPDT:8408 CAS: 2363-58-8 MW: 306.55 MOLFM: C19-H30-O-S
SYN: 2,3-EPITHIOANDROSTAN-17-OL * EPITIOSTANOL * 10275-S * THIODROL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T12T15	ipr-rat TDLo:80 mg/kg (40D pre)	OYYAA2 7,805,73
1T02	ipr-rat TDLo:80 mg/kg (40D male)	OYYAA2 7,805,73
1T03	ipr-rat TDLo:800 mg/kg (40D male)	OYYAA2 7,805,73
2T12T15	scu-rat TDLo:100 mg/kg (40D pre)	OYYAA2 7,805,73
2T02T03	scu-rat TDLo:100 mg/kg (40D male)	OYYAA2 7,805,73
1T13	scu-rat TDLo:800 mg/kg (40D pre)	OYYAA2 7,805,73
3T26T46T53	ims-rat TDLo:15 mg/kg (9-14D preg)	OYYAA2 7,723,73
2T72T81	ims-rat TDLo:15 mg/kg (9-14D preg)	OYYAA2 7,723,73
1T76	ims-rat TDLo:60 mg/kg (9-14D preg)	OYYAA2 7,723,73
3T34T46T53	ims-mus TDLo:12500 ug/kg (13-17D preg)	OYYAA2 7,723,73
1T81	ims-mus TDLo:12500 ug/kg (13-17D preg)	OYYAA2 7,723,73
1T26	ims-mus TDLo:60 mg/kg (7-12D preg)	OYYAA2 7,723,73
1T72	ims-mus TDLo:15 mg/kg (7-12D preg)	OYYAA2 7,723,73

TOXICITY DATA AND REFERENCES:

*	ipr-rat LDLo:5 gm/kg	OYYAA2 7,805,73
*	ipr-mus LD50:1160 mg/kg	OYYAA2 7,805,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-alpha,3-alpha-EPITHIO-5-alpha-ANDROSTAN-17-beta-OL HYDRATE (4:1) see: BV8045700
(+ -)-3,4-EPITHIOBUTYRONITRILE see: ET9885000
2-alpha,3-alpha-EPITHIO-17-beta-YL 1-METHOXYCYCLOPENTYL ETHER see: BV8044500
EPITIOSTANOL see: KC1035000 2-alpha,3-alpha-EPITHIO-5-alpha-ANDROSTAN-17-beta-OL
EPITRATE see: DO2625000
EPL see: KG0570000
EPN see: TB1925000
EPN 300 see: TB1925000
EPOBRON see: MU6640000
EPOCAN see: UT4900000
EPOCELIN see: XI0368000
EPODYL see: XF0700000
EPOK U 9048 see: YU1610000
EPOLENE C see: TQ3325000
EPOLENE C 10 see: TQ3325000
EPOLENE C 11 see: TQ3325000
EPOLENE E see: TQ3325000
EPOLENE E 10 see: TQ3325000
EPOLENE E 12 see: TQ3325000
EPOLENE M 5H see: UD1842000
EPOLENE M 5K see: UD1842000
EPOLENE M 5W see: UD1842000
EPOLENE N see: TQ3325000
EPON 828 see: TX3800000
EPON 828 see: SL6475000

KC2450000 EPON 1001
UPDT:8401 CAS: 25068-38-6 MOLFM: (C15-H16-O2 C3-H5-Cl-O)x

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD AMIHAB 17,129,58

TOXICITY DATA AND REFERENCES:
orl-rat LD50:30 gm/kg AMIHAB 17,129,58
2F07K17 ipr-rat LD50:2400 mg/kg AMIHAB 17,129,58
orl-mus LD50:20 gm/kg AMIHAB 17,129,58

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

KC2625000 EPON 1007
UPDT:8401 CAS: 25068-38-6 MOLFM: (C15-H16-O2 C3-H5-Cl-O)x

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD AMIHAB 17,129,58

TOXICITY DATA AND REFERENCES:
orl-rat LD50:30 gm/kg AMIHAB 17,129,58
2F07K17 ipr-rat LD50:2200 mg/kg AMIHAB 17,129,58
orl-mus LD50:20 gm/kg AMIHAB 17,129,58

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPONATE see: DW0900000
EPON 828 mixed with ERR 4205 (1:1) see: RN9110000
EPONTHOL see: AG9625000
EPONTOL see: AG9625000
EPORAL see: BY8925000
(3,6-EPOSSI-CICLOESAN-1,2-DICARBOSSILATO) DISODICO (Italian) see: RN8225000
EPOXIDE-201 see: RN7700000
EPOXIDE 269 see: OS9100000
EPOXIDE A see: TX3800000
1,2-EPOXYAETHAN (German) see: KX2450000
1,2-EPOXY-3,6-ANHYDRODULCITOL see: LW5300000

KC4150000 2,6-EPOXY-2H-ANTHRA(2,3-b)OXOCIN-8,13-DIONE, 3,4,5,6-TETRAHYDRO-2-METHYL-7,9,11-TRIHYDROXY-
UPDT:8411 CAS: 14016-29-6 MW: 368.36 MOLFM: C20-H16-O7
SYN: AVERUFIN * AVERUFINE * 2-METHYL-7,9,11-TRIHYDROXY-3,4,5,6-TETRAHYDRO-2,6-EPOXY-2H-ANTHRA(2,3-b)OXOCIN-8,13-DIONE

MUTATION DATA AND REFERENCES:
mma-sat 4 ug/plate MUREAV 44,447,77
dns-mus-lvr 50 umol/L CNREA8 44,2918,84

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPOXYBUTANE see: EK3675000
1,2-EPOXYBUTANE see: EK3675000
2,3-EPOXYBUTANE see: EK3855000
1,2-EPOXYBUTENE-3 see: EM7350000
3,4-EPOXY-1-BUTENE see: EM7350000
2,3-EPOXYBUTYRIC ACID, BUTYL ESTER see: ET0700000
2,3-EPOXYBUTYRIC ACID, ETHYL ESTER see: ET0875000
1,2-EPOXYBUTYRONITRILE see: ET9900000
4,9-EPOXYCEVANE-3,4,12,14,16,17,20-HEPTOL 3-(3,4-DIMETHOXYBENZOATE) see: YX5600000
4,9-EPOXYCEVANE-3-alpha,4-beta,12,14,16-beta,17,20-HEPTOL HEMIHEPTAHYDRATE see: FL4925000
(Z)-4-alpha,9-EPOXYCEVANE-3-beta,4,12,14,16-beta,17,20-HEPTOL 3-(2-METHYL-2-BUTENOATE) see: FL5600000
1,2-EPOXY-3-CHLOROPHENOXYPROPANE see: TX5600000
1,2-EPOXY-3-CHLOROPROPANE see: TX4900000
5-alpha,6-alpha-EPOXYCHOLESTANOL see: FZ6360000
EPOXYCHOLESTEROL see: FZ6360000
1,2-EPOXYCYCLOHEXANE see: RN7175000
3,6-EPOXY-CYCLOHEXANE 1,2-CARBOXYLATE DISODIQUE (French) see: RN8225000
3,4-EPOXY-CYCLOHEXENE see: RN8780000
EPOXYCYCLOHEXYLETHYL TRIMETHOXY SILANE see: VV4000000
beta-(3,4-EPOXYCYCLOHEXYL)ETHYLTRIMETHOXYSILANE see: VV4000000
5,6-EPOXY-5,6-DIHYDROBENZ(a)ANTHRACENE see: CW4900000
7,8-EPOXY-7,8-DIHYDROBENZO(a)PYRENE see: DJ7920000
5,6-EPOXY-5,6-DIHYDROCHRYSENE see: GC1225000
5,6-EPOXY-5,6-DIHYDRODIBENZ(a,h)ANTHRACENE see: HN4725000
5,6-EPOXY-5,6-DIHYDRO-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CW1820000
15,20-EPOXY-15,20-DIHYDRO-12-HYDROXYSENECIONAN-11,16-DIONE see: NY5775000
(15-alpha,20S)-15,20-EPOXY-15,20-DIHYDRO-12-HYDROXYSENECIONAN-11,16-DIONE HYDROCHLORIDE see: VT5708000
5,6-EPOXY-5,6-DIHYDRO-7-METHYLBENZ(a)ANTHRACENE see: CW5075000
11,12-EPOXY-11,12-DIHYDRO-3-METHYLCHOLANTHRENE see: FZ2975000
9,10-EPOXY-9,10-DIHYDROPHENANTHRENE see: SF7352000
4,5-alpha-EPOXY-3,6-alpha-DIHYDROXY-17,17-DIMETHYLMORPHINANIUM BROMIDE see: QD0189100
11-beta-18-EPOXY-18,21-DIHYDROXYPREGN-4-ENE-3,20-DIONE see: TU5023000
1,3-EPOXY-2,2-DIMETHYLPROPANE see: TZ3150000
21,23-EPOXY-19,24-DINOR-17-alpha-CHOLA-1,3,5(10),7,20,22-HEXAENE-3,17-DIOL 3-ACETATE see: JF7952000
1,2-EPOXYDODECANE see: JR2450000
3,4-EPOXY-2,5-ENDOMETHYLENECYCLOHEXANECARBOXYLIC ACID, ETHYL ESTER see: RP5550000
1,2-EPOXY-4-(EPOXYETHYL)CYCLOHEXANE see: RN8640000
1,2-EPOXY-7,8-EPOXYOCTANE see: RG9450000
4,5-EPOXY-2-(2,3-EPOXYPROPYL)VALERIC ACID, METHYL ESTER see: YV7350000
EPOXYETHANE (French) see: KX2450000
1,2-EPOXYETHANE see: KX2450000
1,2-EPOXY-3-ETHOXYPROPANE see: TZ3200000
7-(EPOXYETHYL)-BENZ(a)ANTHRACENE see: CW5080000
EPOXYETHYLBENZENE (8CI) see: CZ9625000
(R)-(EPOXYETHYL)BENZENE see: CZ9625010
(R)-(-)-(EPOXYETHYL)BENZENE see: CZ9625020
S-(EPOXYETHYL)BENZENE see: CZ9625030
(S)-(+)-(EPOXYETHYL)BENZENE see: CZ9625040
1,2-EPOXYETHYLBENZENE see: CZ9625000
1-EPOXYETHYL-3,4-EPOXYCYCLOHEXANE see: RN8640000
2,3-EPOXY-2-ETHYLHEXANAMIDE see: MN8050000
4,4a-EPOXY-5-ETHYLIDENE-2,3,4,4a-TETRAHYDRO-5H-1-PYRIDINE see: GY8430000
alpha-(EPOXYETHYL)-p-METHOXYBENZYL ALCOHOL see: DO5464200
1,2-EPOXY-3-METHOXYPROPANE see: TZ3530000
alpha-EPOXYETHYL-1,2-(METHYLENEDIOXY)BENZYL ALCOHOL ACETATE see: DO5465000
5-(6,7-EPOXY-3-ETHYL-7-METHYL-2-OCTENYLOXY)-1,3-BENZODIOXOLE see: DF4914010
2-(EPOXYETHYL)NAPHTHALENE see: QJ6870000
1-(EPOXYETHYL)-4-NITROBENZENE see: CZ9920000
3-(EPOXYETHYL)-7-OXABICYCLO(4.1.0)HEPTANE see: RN8640000
3-(1,2-EPOXYETHYL)-7-OXABICYCLO(4.1.0)HEPTANE see: RN8640000
4-(EPOXYETHYL)-7-OXABICYCLO(4.1.0)HEPTANE see: RN8640000
4-(1,2-EPOXYETHYL)-7-OXABICYCLO(4.1.0)HEPTANE see: RN8640000
1,2-EPOXY-3-ETHYLOXY PROPANE (DOT) see: TZ3200000
9-(EPOXYETHYL)PHENANTHRENE see: SF7705500
m-(EPOXYETHYL)TOLUENE see: XT2410000
4-(EPOXYETHYL)-1,2-XYLENE see: ZE4551000
2,3-EPOXYHELENALIN see: RR1102000
EPOXYHEPTACHLOR see: PB9450000
1,2-EPOXYHEXADECANE see: ML9450000
14,15-beta-EPOXY-3-beta-HYDROXY-5-beta-BUFA-20,22-DIENOLIDE see: EI2975000
4-alpha,5-alpha-EPOXY-17-beta-HYDROXY-4,17-DIMETHYL-3-OXOANDROSTANE-2-alpha-CARBONITRILE see: BV8044150
4,5-alpha-EPOXY-3-HYDROXY-17-METHYLMORPHINAN-6-ONE HYDROCHLORIDE see: QD2625000
(2-alpha,4-alpha,5-alpha,17-beta)-4,5-EPOXY-17-HYDROXY-3-OXOANDROSTANE-2-CARBONITRILE see: BV8044200
4-alpha-5-EPOXY-17-beta-HYDROXY-3-OXO-5-alpha-ANDROSTANE-2-alpha-CARBONITRILE see: BV8044200
16-alpha,17-EPOXY-6-HYDROXYPREGN-4-ENE-3,20-DIONE see: TU5023200
12,13-EPOXY-4-HYDROXYTRICHOTHEC-9-EN-8-ONE CROTONATE see: YD0175000
4,5-EPOXY-3-HYDROXYVALERIC ACID-beta-LACTONE see: YV7380000

KC9930000 4,7-EPOXYISOINDOLINIUM, HEXAHYDRO-2,4-DIMETHYL-2-(2-TRIMETHYLAMMONIOETHYL)-, DICHLORIDE
UPDT:8406 MW: 325.37 MOLFM: C15-H30-N2-O 2Cl
SYN: N-DIMETHYLAMINOETHYL-4-METHYL-4,7-ENDOXYPERHYDROISOINDOLE DIMETHONIUM CHLORIDE * HEXAHYDRO-2,4-DIMETHYL-2-(2-TRIMETHYLAMMONIOETHYL)-4,7-EPOXYISOINDOLINIUM DICHLORIDE * WY-1263

TOXICITY DATA AND REFERENCES:
1J25 ivn-dog LD50:200 mg/kg JAPMA8 46,346,57

KC9940000 4,7-EPOXYISOINDOLINIUM, HEXAHYDRO-2,4-DIMETHYL-2-(TRIMETHYLAMMONIOETHYL)-, DICHLORIDE, THEOPHYLLINATE
UPDT:8406 MW: 505.56 MOLFM: C15-H30-N2-O 2Cl C7-H8-N4-O2
SYN: N-2 THEOPHYLLINATE * WY-1263 THEOPHYLLINATE

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:145 mg/kg	JAPMA8 47,260,58
*	ivn-dog LD50:90 mg/kg	JAPMA8 47,260,58

1,8-EPOXY-p-MENTHANE see: OS9275000
2,3-EPOXY-p-MENTHANE see: OS9400000
d-1,2-EPOXY-p-MENTH-8-ENE see: OT0175040
EPOXYMETHAMINE BROMIDE see: YM3675000

KD0240000 2H-1,11c-beta-(EPOXYMETHANO)-PHENANTHRO(10,1-bc)PYRAN-5,10(3H,6a-beta-H)-DIONE, 7,3a-beta,4,7,7a-alpha,11,11a,11b-OCTAHYDRO-1-alpha,2-alpha,4-beta,11-beta-TETRAHYDROXY-3-alpha,8, 11a-beta-TRIMETHYL-, 4-ACETATE
UPDT:8308 MW: 436.50 MOLFM: C22-H28-O9
SYN: ACETYL GLAUCARUBULONE * HOLACANTHONE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg 85GDA2 8(2),171,82

BEST COPY AVAILABLE

KD0260000 5H-1,11c-beta-(EPOXYMETHANO)-PHENANTHRO(10,1-bc)PYRAN-5-ONE, 1,2,3,3a-beta,4,6a-beta,7,7e- alpha,10,11,11a,11b-alpha-DODECAHYDRO-1-alpha,2-alpha,4-beta,10-alpha,11-beta-PENTAHYDROXY- 3-alpha,8,11e-beta-TRIMETHYL-, 4-ISOVALERATE
UPDT:8306 MW: 592.80 MOLFM: C32-H48-O10
SYN: GLAUCARUBOL 15-ISOVALERATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 ug/kg 85GDA2 8(2),176,82
4,5-alpha-EPOXY-3-METHOXY-17-METHYLMORPHINAN-6-ONE see: QD2800000
11,12-EPOXY-3-METHYLCHOLANTHRENE see: FZ4040000
3,4-EPOXY-6-METHYLCYCLOHEXENECARBOXYLIC ACID (3,4-EPOXY-6-METHYLCYCLOHEXYLMETHYL) ESTER see: RN7700000
3,4-EPOXY-6-METHYLCYCLOHEXYLMETHYL 3,4-EPOXY-6-METHYLCYCLOHEXANECARBOXYLATE see: RN7700000
3,4-EPOXY-6-METHYLCYCLOHEXYLMETHYL-3',4'-EPOXY-6'-METHYLCYCLOHEXANE CARBOXYLATE see: RN7700000
4,5-EPOXY-2-METHYLCYCLOHEXYLMETHYL-4,5-EPOXY-2-METHYLCYCLOHEXANECARBOXYLATE see: RN7700000
4-(1,2-EPOXY-1-METHYLETHYL)-1-METHYL-7-OXABICYCLO(4.1.0)HEPTANE see: OS9100000
alpha,beta-EPOXY-beta-METHYLHYDROCINNAMIC ACID, ETHYL ESTER see: MW5250000
4,5-alpha-EPOXY-17-METHYL-3-(2-MORPHOLINOETHOXY)MORPHINAN-6-alpha-OL see: QD1732900
2,3-EPOXY-2-METHYLPENTANE see: SA2710000

KD1146020 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-14-CARBOXYLIC ACID, 3,4,5,6,9,11,12,13,14,16- DECAHYDRO-11-((6-DEOXY-3-C-METHYL-2,3,4-TRI-O-METHYL-alpha-L-MANNOPYRANOSYL)OXY)-4- (DIMETHYLAMINO)-3,5,8,10,13-PENTAHYDROXY-6,13-DIMETHYL-9,16-DIOXO-, (2-alpha,3-beta,4-alpha, 5-beta,6-alpha,11-beta,13-alpha,14-alpha)-(+)-
UPDT:8403 CAS: 64267-45-4 MW: 773.86 MOLFM: C38-H47-N-O16
SYN: DIS-NOGALAMYCINIC ACID
MUTATION DATA AND REFERENCES:
dnd-mam:lym 12 umol/L CBINA8 36,1,81
dni-mam:lym 12 umol/L CBINA8 36,1,81
oms-mam:lym 12 umol/L CBINA8 36,1,81

KD1146040 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-14-CARBOXYLIC ACID, 3,4,5,6,9,11,12,13,14,16- DECAHYDRO-4-(DIMETHYLAMINO)-3,5,8,10,13-PENTAHYDROXY-6,13-DIMETHYL-9,16-DIOXO-, METHYL ESTER
UPDT:8412 CAS: 62422-00-8 MW: 569.61 MOLFM: C29-H31-N-O11
SYN: 7-DEOXYNOGALAROL
MUTATION DATA AND REFERENCES:
dni-hmn:ath 2040 nmol/L HXPHAU 38(Pt 2),623,75
oms-hmn:ath 20 uMol/L HXPHAU 38(Pt 2),623,75
dnd-mam:lym 12 umol/L CBINA8 36,1,81
dni-mam:lym 12 umol/L CBINA8 36,1,81
oms-mam:lym 12 umol/L CBINA8 36,1,81

KD1146100 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-14-CARBOXYLIC ACID, 11-((6-DEOXY-3-C-METHYL-2,3,4-TRI- O-METHYL-alpha-L-MANNOPYRANOSYL)OXY)-4-(DIMETHYLAMINO)-3,4,5,6,9,11,12,13,14,16-DECAHYDRO- 3,5,8,10,13-PENTAHYDROXY-6,13-DIMETHYL-9,16-DIOXO-, METHYL ESTER, N-OXIDE, (2-alpha,3-beta, 4-alpha,5-beta,6-alpha,11-beta,13-alpha,14-alpha)-(+)-
UPDT:8412 MW: 804.90 MOLFM: C39-H50-N-O17
SYN: NOGALAMYCIN N-OXIDE
MUTATION DATA AND REFERENCES:
oms-hmn:ath 55700 nmol/L HXPHAU 38(Pt 2),623,75

KD1146150 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-14-CARBOXYLIC ACID, 4-(DIMETHYLAMINO)-3,4,5,6,9,11,12, 13,14,16-DECAHYDRO-6,13-DIMETHYL-9,16-DIOXO-8-METHOXY-3,5,10,11,13-PENTAHYDROXY-, METHYL ESTER, (2-alpha,3-beta,4-alpha,5-beta,6-alpha,11-beta,13-alpha,14-alpha)-
UPDT:8412 CAS: 62421-98-1 MW: 599.64 MOLFM: C30-H33-N-O12
SYN: O-METHYL NOGALAROL * 7-O-METHYL NOGALAROL
MUTATION DATA AND REFERENCES:
dni-hmn:ath 850 nmol/L HXPHAU 38(Pt 2),623,75
oms-hmn:ath 850 nmol/L HXPHAU 38(Pt 2),623,75
dnd-mam:lym 12 umol/L CBINA8 36,1,81
dni-mam:lym 12 umol/L CBINA8 36,1,81
oms-mam:lym 12 umol/L CBINA8 36,1,81

KD1146200 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-14-CARBOXYLIC ACID, 4-(DIMETHYLAMINO)-3,4,5,6,9,11,12, 13,14,16-DECAHYDRO-3,5,8,10,11,13-HEXAHYDROXY-6,13-DIMETHYL-9,16-DIOXO-, METHYL ESTER, (2- alpha,3-beta,4-alpha,5-beta,6-alpha,11-beta,13-alpha,14-alpha)-
UPDT:8412 CAS: 11052-70-3 MW: 585.61 MOLFM: C29-H31-N-O12
SYN: NOGALAROL
MUTATION DATA AND REFERENCES:
dni-hmn:ath 3180 nmol/L HXPHAU 38(Pt 2),623,75
oms-hmn:ath 3180 nmol/L HXPHAU 38(Pt 2),623,75
dnd-mam:lym 12 umol/L CBINA8 36,1,81
dni-mam:lym 12 umol/L CBINA8 36,1,81
oms-mam:lym 12 umol/L CBINA8 36,1,81

KD1146300 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-14-CARBOXYLIC ACID, 4-(DIMETHYLAMINO)-3,4,5,6,9,16- HEXAHYDRO-3,5,8,10-TETRAHYDROXY-6,13-DIMETHYL-9,16-DIOXO-, METHYL ESTER, (2-alpha,3-beta 4- alpha,5-beta,6-alpha)-
UPDT:8412 CAS: 11052-69-0 MW: 549.57 MOLFM: C29-H27-N-O10
SYN: NOGALARENE
MUTATION DATA AND REFERENCES:
dni-hmn:ath 25 umol/L HXPHAU 38(Pt 2),623,75
oms-hmn:ath 25 umol/L HXPHAU 38(Pt 2),623,75

KD1146400 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-9,16-DIONE, 4-(DIMETHYLAMINO)-3,4,5,6,11,12,13,14- OCTAHYDRO-3,5,8,10,13-PENTAHYDROXY-11-METHOXY-6,13-DIMETHYL-, (2-alpha,3-beta,4-alpha,5- beta,6-alpha,11-alpha,13-alpha)-(+)-
UPDT:8403 CAS: 71628-96-1 MW: 541.60 MOLFM: C28-H31-N-O10
SYN: 7-CON-O-METHYLNOGAROL * MENOGAROL * 7(R)-O-METHYLNORGAROL * 7-OMEN
MUTATION DATA AND REFERENCES:
mnt-rat-par 1560 ug/kg/2D-I CNREA8 43,5293,83
dni-ham:ovr 200 ug/L CNREA8 41,4981,81
cyt-ham:lng 300 ug/L/2H ENMUDM 2,249,80
sce-ham:lng 300 ug/L/2H ENMUDM 2,249,80
msc-ham:lng 100 ug/L CNREA8 43,5293,83
dnd-mam:lym 12 umol/L CBINA8 36,1,81
dni-mam:lym 12 umol/L CBINA8 36,1,81
oms-mam:lym 12 umol/L CBINA8 36,1,81

KD1146450 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-9,16-DIONE, 3,4,5,6,11,12,13,14-OCTAHYDRO-11-((6- DEOXY-3-C-METHYL-2,3,4-TRI-O-METHYL-alpha-L-MANNOPYRANOSYL)OXY)-4-(DIMETHYLAMINO)- 3,4-DIACETOXY-6,13-DIMETHYL-8,10,13-TRIHYDROXY-, (2-alpha,3-beta,4-alpha,5-beta,6-alpha,11-beta,13-alpha)-(+)-
UPDT:8403
SYN: 2,4-DIACETATE-DIS-NOGAMYCIN
MUTATION DATA AND REFERENCES:
dnd-mam:lym 12 umol/L CBINA8 36,1,81
dni-mam:lym 12 umol/L CBINA8 36,1,81
oms-mam:lym 12 umol/L CBINA8 36,1,81

KD1146500 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-9,16-DIONE, 3,4,5,6,11,12,13,14-OCTAHYDRO-11-((6- DEOXY-3-C-METHYL-2,3,4-TRI-O-METHYL-alpha-L-MANNOPYRANOSYL)OXY)-4-(DIMETHYLAMINO)- 3,5,8,10,13-PENTAHYDROXY-6,13-DIMETHYL-, (2-alpha,3-beta,4-alpha,5-beta,6-alpha,11-beta, 13-alpha)-(+)-
UPDT:8403 CAS: 64267-46-5 MW: 729.85 MOLFM: C37-H47-N-O14
SYN: DISNOGAMYCIN * NOGAMYCIN
MUTATION DATA AND REFERENCES:
dnd-mam:lym 12 umol/L CBINA8 36,1,81
dni-mam:lym 12 umol/L CBINA8 36,1,81
oms-mam:lym 12 umol/L CBINA8 36,1,81

KD1146550 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-9,16-DIONE, 3,4,5,6,11,12,13,14-OCTAHYDRO-4- (DIMETHYLAMINO)-11-ETHOYX-3,5,8,10,13-PENTAHYDROXY-6,13-DIMETHYL-, (2-alpha,3-beta,4-alpha, 5-beta,6-alpha,11-alpha,13-alpha)-(+)-
UPDT:8403 CAS: 71628-97-2 MW: 555.63 MOLFM: C29-H33-N-O10
MUTATION DATA AND REFERENCES:
dnd-mam:lym 12 umol/L CBINA8 36,1,81
dni-mam:lym 12 umol/L CBINA8 36,1,81
oms-mam:lym 12 umol/L CBINA8 36,1,81

KD1146600 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-9,16-DIONE, 3,4,5,6,11,12,13,14-OCTAHYDRO-4- (DIMETHYLAMINO)-3,5,8,10,13-PENTAHYDROXY-6,13-DIMETHYL-, (2-alpha,3-beta,4-alpha,5-beta, 6-alpha,13-alpha)-
UPDT:8403 CAS: 71582-53-1 MW: 511.57 MOLFM: C27-H29-N-O9
SYN: 7-DEOXYNOGAROL
MUTATION DATA AND REFERENCES:
dnd-mam:lym 12 umol/L CBINA8 36,1,81
dni-mam:lym 12 umol/L CBINA8 36,1,81
oms-mam:lym 12 umol/L CBINA8 36,1,81

KD1146650 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-9,16-DIONE, 3,4,5,6,11,12,13,14-OCTAHYDRO-4- (DIMETHYLAMINO)-3,5,8,10,13-PENTAHYDROXY-6,13-DIMETHYL-11-PROPOXY-, (2-alpha,3-beta,4-alpha, 5-beta,6-alpha,11-alpha,13-alpha)-(+)-
UPDT:8403 CAS: 71628-98-3 MW: 569.66 MOLFM: C30-H35-N-O10
MUTATION DATA AND REFERENCES:
dnd-mam:lym 12 umol/L CBINA8 36,1,81
dni-mam:lym 12 umol/L CBINA8 36,1,81
oms-mam:lym 12 umol/L CBINA8 36,1,81

KD1146700 2,6-EPOXY-2H-NAPHTHACENO(1,2-b)OXOCIN-9,16-DIONE, 3,4,5,6,11,12,13,14-OCTAHYDRO-4- (DIMETHYLAMINO)-3,5,8,10,13-PENTAHYDROXY-11-METHOXY-6,13-DIMETHYL-, (2-alpha,3-beta,4-alpha, 5-beta,6-alpha,11-alpha,13-alpha)-
UPDT:8403 CAS: 64267-47-6 MW: 541.60 MOLFM: C28-H31-N-O10
SYN: 7-DIS-O-METHYLNOGAROL
MUTATION DATA AND REFERENCES:
dnd-mam:lym 12 umol/L CBINA8 36,1,81
dni-mam:lym 12 umol/L CBINA8 36,1,81
oms-mam:lym 12 umol/L CBINA8 36,1,81

1,2-EPOXY-3(p-NITROPHENOXY)-PROPANE see: TZ3650000
cis-9,10-EPOXYOCTADECANOATE see: RG1300000
cis-9,10-EPOXYOCTADECANOIC ACID see: RG1300000
9,10-EPOXYOCTADECANOIC ACID, BUTYL ESTER see: RG1575000
1,2-EPOXYOCTANE see: RG9625000
EPOXYOLEIC ACID see: RG1300000
12,13-EPOXY-4-((1-OXO-2 BUTENYL)OXY)TRICHOTHEC-9-EN-8-ONE see: YD0175000
2,3-EPOXY-4-OXO-7,10-DODECADIENAMIDE see: JR1670000
(2R,3S)-2,3-EPOXY-4-OXO-7E,10E-DODECADIENAMIDE see: JR1670000
(2S)(3R)-2,3-EPOXY-4-OXO-7,10-DODECADIENOYLAMIDE see: JR1670000

KD1922000 2,7-(EPOXYPENTADECA(1,11,13)TRIENIMINO)NAPHTHO(2,1-b)FURAN-1,11(2H)-DIONE, 5,6,9,17,19,21-HEXAHYDROXY-23-METHOXY-2,4,12,16,18,20,22-HEPTAMETHYL-, 21-ACETATE
UPDT:8403 CAS: 6998-60-3 MW: 697.85 MOLFM: C37-H47-N-O12
SYN: M-14 * RIFAMICINE SV * RIFAMYCIN * RIFAMYCIN SV * RIFOCIN * RIFOCYN * RIFOMYCIN SV
MUTATION DATA AND REFERENCES:
pic-esc 100 ng/plate CNREA8 43,2819,83
cyt-mus:mmr 6300 nmol/L/24H-C JTSCDR 5,141,80
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2120 mg/kg JJANAX 23,242,70
* ipr-mus LD50:625 mg/kg MEIEDD 10,1188,83
ivn-mus LD50:550 mg/kg JMCMAR 7,596,64
* ice-mus LD50:5800 ug/kg ARZNAD 15,951,65

KD1925000 2,7-(EPOXYPENTADECA(1,11,13)TRIENIMINO)NAPHTHO(2,1-b)FURAN-1,6,9,11(2H)-TETRONE, 5,17,19,21-TETRAHYDROXY-23-METHOXY-2,4,12,16,18,20,22-HEPTAMETHYL-, 21-ACETATE
UPDT:8403 CAS: 13553-79-2 MW: 695.83 MOLFM: C37-H45-N-O12
SYN: 1,4-DIDEOXY-1,4-DIHYDRO-1,4-DIOXORIFAMYCIN * RIFAMYCIN S * RIFOMYCIN S
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3 gm/kg MEIEDD 10,1188,83
* ipr-mus LD50:258 mg/kg 85ERAY 1,865,78
* ivn-mus LD50:122 mg/kg 85ERAY 1,865,78
4,5-EPOXY-2-PENTENAL see: SB1925000
EPOXYPERCHLOROVINYL see: KI8760000
1,2-EPOXY-3-PHENOXYPROPANE see: TZ3675000
16-alpha,17-EPOXYPREGN-4-ENE-3,20-DIONE see: TU5022000
2,3-EPOXYPROPANAL see: MB3150000
2,3-EPOXYPROPANOL see: UB4375000
2,3-EPOXY-1-PROPANAL see: MB3150000
EPOXYPROPANE see: TZ2975000
1,2-EPOXYPROPANE see: TZ2975000
2,3-EPOXY-1-PROPANOL see: UB4375000
2,3-EPOXY-1-PROPANOL OLEATE see RK0700000
2,3-EPOXY-1-PROPANOL STEARATE see: WI3500000
EPOXYPROPIDINE see: DW0900000
2,3-EPOXYPROPIONALDEHYDE see: MB3150000
2-(N-(2-(2,3-EPOXYPROPOXY)ETHYL)ANILINO)ETHANOL see: KK7900000
1-(p-(2,3-EPOXYPROPOXY)PHENYL)-2-PHENYL-6-METHOXY-3,4-DIHYDRONAPHTHALENE see: QJ4377000
3-(2,3-EPOXYPROPOXY)PROPYLTRIMETHOXYSILANE see: VV4025000
2,3-EPOXYPROPYL ACRYLATE see: AS9275000
2,3-EPOXYPROPYL BUTYL ETHER see: TX4200000

BEST COPY AVAILABLE

2,3-EPOXYPROPYL CHLORIDE see: TX4900000
2,3-EPOXYPROPYL ESTER of OLEIC ACID see: RK0700000
2,3-EPOXYPROPYL ESTER of STEARIC ACID see: WI3500000
2,3-EPOXYPROPYL METHACRYLATE see: OZ4375000
2,3-EPOXYPROPYL-4-METHOXYPHENYL ETHER see: DA0176000
5-(2,3-EPOXYPROPYL)-5-(1-METHYLBUTYL)BARBITURIC ACID see: CQ4376000
2,3-EPOXYPROPYL OLEATE see: RK0700000
5-(2,3-EPOXYPROPYL)-5-PHENYLBARBITURIC ACID see: CQ4377000
2,3-EPOXYPROPYLPHENYL ETHER see: TZ3675000
(1R,2S)(-)-(1,2-EPOXYPROPYL)PHOSPHONIC ACID DISODM SALT see: SZ7902000
N-(2,3-EPOXYPROPYL)-PHTHALIMIDE see: TI4950000
2,3-EPOXYPROPYL STEARATE see: WI3500000

KD4165000 3,12-EPOXY-12H-PYRANO(4,3-j)-1,2-BENZODIOXEPIN, DECAHYDRO-10-METHOXY-3,6,9-TRIMETHYL-, (3-alpha,5a-beta,6-beta,8a-beta,9-alpha,12-beta,12aR)-, (+)-
UPDT.8303 MW: 298.42 MOLFM: C16-H26-O5
SYN: ARTEMETHER * ARTEMISININELACTOL METHYL ETHER * METHYL DIHYDROARTEMISININE
TOXICITY DATA AND REFERENCES:
2F07F15 ims-mus LD50:263 mg/kg CYLPDN 2,138,81

KD4170000 3,12-EPOXY-12H-PYRANOL(4,3-j)-1,2-BENZODIOXEPIN-10(3H)-ONE, OCTAHYDRO-3,6,9-TRIMETHYL-, (3- alpha,5a-beta,6-beta,8a-beta,9-alpha,12-beta,12aR*)-(+)-
UPDT.8403 CAS: 63968-64-9 MW: 282.37 MOLFM: C15-H22-O5
SYN: ARTEANNUIN * ARTEMISINE * ARTEMISININ * OCTAHYDRO-3,6,9-TRIMETHYL 3,12-EPOXY-12H-PYRANO(4,3-j)-1,2-BENZODIOXEPIN-10(3H)-ONE * QINGHAOSU (Chinese) * QING HAU SAU (Chinese)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5105 mg/kg CMJODS 92,811,79
* ipr-mus LD50:1558 mg/kg CMJODS 92,811,79
* ims-mus LD50:2800 mg/kg CMJODS 92,811,79

9,10-EPOXYSTEARIC ACID see: RG1300000
cis-9,10-EPOXYSTEARIC ACID see: RG1300000
9,10-EPOXYSTEARIC ACID, ALLYL ESTER see: WI3325000
EPOXYSTYRENE see: CZ9625000
alpha,beta-EPOXYSTYRENE see: CZ9625000
3,4-EPOXYSULFOLANE see: RP3850000
1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ACRIDINE see: CU4303000
1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE see: CU4305000
3,4-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE see: CU4305050
(+)-cis-10-alpha,11-alpha-EPOXY-8,9,10,11-TETRAHYDROBENZ(c)ACRIDINE-8-alpha,9-beta-DIOL see: CU3670800
(+)-cis-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ACRIDINE-3-alpha,4-beta-DIOL see: CU3670050
(+)-cis-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE-3-alpha,4-beta-DIOL see: CU3670600
(+)-trans-1-alpha,2-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ACRIDINE-3-alpha,4-beta-DIOL see: CU3670000
(+)-trans-1-alpha,2-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE-3-alpha,4-beta-DIOL see: CU3670550
(+)-trans-8-alpha,9-alpha-EPOXY-8,9,10,11-TETRAHYDROBENZ(c)ACRIDINE-10-alpha,11-beta-DIOL see: CU3671000
(+)-trans-3-beta,4-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(c)ACRIDINE-1-alpha,2-beta-DIOL see: CU3670500
(+)-trans-10-beta,11-beta-EPOXY-8,9,10,11-TETRAHYDROBENZ(c)ACRIDINE-8-alpha,9-beta-DIOL see: CU3670850
1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CX3154000
3,4-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CX3154200
(-)-(1S,2R)-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CX3154100
BENZ(a)ANTHRACENE,1,2,3,4-TETRAHYDRO-1-alpha,2-alpha-EPOXY-, (-)-
(+)-(3S,4R)-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CX3154250
BENZ(a)ANTHRACENE,1,2,3,4-TETRAHYDRO-3-alpha,4-alpha-EPOXY-, (+)-
(+)-(1R,2S)-1,2-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CX3154150
BENZ(a)ANTHRACENE,1,2,3,4-TETRAHYDRO-1-beta,2-beta-EPOXY-, (+)-
(-)-(3R,4S)-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CX3154300
BENZ(a)ANTHRACENE,1,2,3,4-TETRAHYDRO-3-beta,4-beta-EPOXY-, (-)-
(+)-cis-3-alpha,4-alpha-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE-1-alpha,2-beta-DIOL see: CW4640000
(+)-cis-1-beta,2-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE-3-alpha,4-beta-DIOL see: CW4640200
(+)-trans-3-beta,4-beta-EPOXY-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE-1-alpha,2-beta-DIOL see: CW4640050
9,10-EPOXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ6380000
9,10-EPOXY-9,10,11,12-TETRAHYDROBENZO(e)PYRENE see: DJ6380050
3,4-EPOXY-1,2,3,4-TETRAHYDROCHRYSENE see: GC1990000
1,2-EPOXY-1,2,3,4-TETRAHYDROPHENANTHRENE see: SF7707000
(+)-3-alpha,4-alpha-EPOXY-1,2,3,4-TETRAHYDRO-1-beta,2-alpha-PHENANTHRENEDIOL see: SF7400000
12,13-EPOXY-3,4,7,15-TETRAHYDROXYTRICHOTHEC-9-EN-8-ONE see: YD0165000
12,13-EPOXY-3-alpha,4-beta,7-beta,15-TETRAHYDROXYTRICHOTHEC-9-EN-8-ONE 4-ACETATE see: YD0160000
2,3-EPOXYTETRAMETHYLENE SULFONE see: RP3850000
1,2-EPOXY-3-(p-TOLYLOXY)PROPANE see: TZ3701000

KD5084000 12,16-EPOXY-5H,12H-6,11b,16a-TRIAZADIBENZO(b,h)CYCLONONA(jkl)CYCLOPENT(e)-as-INDACEN-5-ONE, 6,7,13,14,15,16-HEXAHYDRO-13-METHOXY-12-METHYL-14-(METHYLAMINO)-, (12-alpha,13-beta,14-beta, 16-alpha)-(+)-
UPDT.8309 CAS: 62996-74-1
SYN: AM-2282 * STAUROSPORIN * STAUROSPORINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:66 mg/kg 85GDA2 5,343,81

12,13-EPOXYTRICHOTHEC-9-EN-4-OL ACETATE see: YD0120000
6-beta,7-beta-EPOXY-3-alpha-TROPANYL S-(-)-TROPATE see: VR3675000
ePOXYTROPINE TROPATE see: VR3675000
EPOXYTROPINE TROPATE METHYLBROMIDE see: YM3675000
EPRAGEN see: AM4375000
EPRAZIN see: UQ2275000
EPRAZINONE DIHYDROCHLORIDE see: UC2014000 1-PROPANONE, 3-(4-(2-ETHOXY-2-PHENYLETHYL)-1-PIPERAZINYL)-2-METHYL-1-PHENYL-, DIHYDROCHLORIDE
EPROFIL see: DE0700000
EPROLIN see: DJ2900000
EPROZINOL DIHYDROCHLORIDE see: TM2675000
EPSAMON see: MO6300000
EPSICAPRON see: MO6300000
EPSIKAPRON see: MO6300000
EPSILAN see: DJ2900000
EPSILAN-M see: GP8588000
EPSILCAPRAMIM see: MO6300000
EPSILON S see: MO6300000
EPSOM SALTS see: OM4500000
EPSYLONE see: CQ6825000
EPSYLON KAPROLAKTAM (Polish) see: CM3675000
EPTAC 1 see: ZH0525000
EPTACLORO (Italian) see: PC0700000
1,4,5,6,7,8,8-EPTACLORO-3a,4,7,7a-TETRAIDRO-4,7-endo-METANO-INDENE (Italian) see: PC0700000
EPTAL see: MU1050000
EPTAM see: FA4550000
EPTAM see: FD3920350 CARBAMOTHIOIC ACID, PROPYL-, O-ETHYL ESTER
EPTANI (Italian) see: MI7700000
EPTAN-3-ONE (Italian) see: MJ5250000
EPTAPUR see: YS6475000
EPTC see: FA4550000
EPTC plus R-25788 see: KD8090000
EPTC plus R-25788 and R-33865 see: KD8100000
EPTOIN see: MU1050000
EPTOIN see: MU1400000
E-PVC see: KV0350000
EQ see: VB8225000
E. QUADRIDENS VENOM see: YX4182880
EQUANIL see: TZ0175000
EQUANIL SUSPENSION see: TZ0175000
EQUATRATE see: TZ0175000
EQUIBEN see: DD6538000
EQUIBRAL see: DE9450000
EQUI BUTE see: UQ8225000
EQUIGARD see: TC0350000
EQUIGEL see: TC0350000
EQUIGYNE see: GL1224000
EQUILENIN see: KG6125000
EQUILENINA (Spanish) see: KG6125000

KD7175000 EQUILENIN, BENZOATE
UPDT.8401 CAS: 604-58-0 MW: 370.47 MOLFM: C25-H22-O3
SYN: 3-HYDROXYESTRA-1,3,5,7,9-PENTAEN-17-ONE BENZOATE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 scu-mus TDLo:162 mg/kg/81W-I ZEKBAI 56,482,49
3V03R60T64 scu-mus TD :120 mg/kg/30W-I YJBMAU 12,213,39
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EQUILENINE see: KG6125000
EQUILIBRIN see: HO9550000
EQUILIN see: KG6650000

KD7875000 EQUILIN, BENZOATE
UPDT.8401 CAS: 6030-80-4 MW: 372.49 MOLFM: C25-H24-O3
SYN: 3-HYDROXYESTRA-1,3,5(10),7-TETRAEN-17-ONE, BENZOATE
TUMORIGENIC DATA AND REFERENCES:
3V02P62R60 scu-mus TDLo:96 mg/kg/48W-I ZEKBAI 56,482,49
3V03R60T64 scu-mus TD :148 mg/kg/37W-I YJBMAU 12,213,39
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EQUILIUM see: DO5950000
EQUILIUM see: TZ0175000
EQUIMATE see: MJ9670000

KD7895800 EQUINATOXIN
UPDT.8306 CAS: 54578-46-0
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:33 ug/kg TOXIa6 12,63,74

EQUINE CYONIN see: TU4517000
EQUINE GONADOTROPHIN see: TU4517000
EQUINE GONADOTROPIN see: TU4517000
EQUINIL see: TZ0175000
EQUINO-ACID see: TA0700000
EQUINO-AID see: TA0700000
EQUIPERTINE see: NL7170000
EQUIPOISE see: KK2275000
EQUIPROXEN see: UF5275000
EQUIPUR see: YY8575000
EQUISETIC ACID see: UD2380000

KD7986000 EQUISETIN
UPDT.8311 CAS: 57749-43-6 MW: 373.54 MOLFM: C22-H31-N-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:63 mg/kg 85GDA2 5,67,81

KD7988000 EQUISETUM DIFFUSUM D. Don, extract
DEF:Indian plant belonging to the family EQUISETACEAE (IJEBA6 12,512,74)
UPDT.8403
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

EQUITAR see: TZ0175000
EQUIZOLE see: DE0700000
ER 115 see: DF1225000
ER5461 see: XU5785000

KD8010000 ERABUTOXIN A
UPDT.8403 CAS: 11094-61-4 MW: 6838.60 MOLFM: C284-H442-N86-O95-S8
TOXICITY DATA AND REFERENCES:
2C08J22 ims-mus LD50:150 mg/kg BIJOAK 99,624,66

KD8012000 ERABUTOXIN A, 26-L-HISTIDINE-
UPDT.8403 CAS: 9083-23-2 MW: 6861.64 MOLFM: C286-H443-N87-O94-S8
SYN: ERABUTOXIN B
TOXICITY DATA AND REFERENCES:
2C08J22 ims-mus LD50:150 ug/kg BIJOAK 99,624,66

ERABUTOXIN B see: KD8012000
ERADE see: FG1400000
ERADEX see: FG2700000
ERADEX see: TF6300000

KD8090000 ERADICANE
UPDT.8310 CAS: 51990-04-6 MW: 397.45 MOLFM: C9-H19-N-O-S C8-H11-Cl2-N-O
SYN: EPTC plus R-25788 * R-25788 plus EPTC
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg 85ARAE 2,75,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

KD8100000 ERADICANE EXTRA
DEF:A mixture of S-ETHYL N,N-DIPROPYLTHIOCARBAMATE plus N,N-DIALLYL-1,1 DICHLOROACETAMIDE and O,O-DIETHYL O-PHENYL PHOSPHOROTHIOATE (FMCHA2 -,C97,83)
UPDT.8309
SYN: EPTC plus R-25788 and R-33865
TOXICITY DATA AND REFERENCES:
* orl-mam LD50:800 mg/kg FMCHA2 -,C97,83

BEST COPY AVAILA

ERADITON see: FG2700000

KD8130000 ERAGROSTIS TREMULA Hochst., extract
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: CHIRIA KADANA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

ERALDIN see: AE4222000
ERALON see: NS1750000
ERAMIDE see: TL2200000
ERAMIN see: MS1050000
ERANTIN see: EL3000000

KD8260000 ERANTHEMUM ROSEUM R. Br., root and stem extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

ERASE see: CH7525000
ERASOL see: IA2100000
ERAZE see: TW3570000
ERAZIDON see: FG2700000
ERAZIDON see: FG1400000
ERBAPLAST see: AB6825000
ERBAPRELINA see: UV8140000

KD8575000 ERBIUM CHLORIDE
UPDT:8403 CAS: 10138-41-7 MW: 273.61 MOLFM: Cl3-Er
SYN: ERBIUM TRICHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:4417 mg/kg EQSSDX 1,1,75
3F07F15J30 ipr-mus LD50:226 mg/kg AEHLAU 5,437,62
3F07F15J30 ipr-gpg LD50:128 mg/kg AEHLAU 5,437,62
scu-frg LDLo:300 mg/kg 27ZWAY -,2197,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 54,663,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ERBIUM TRICHLORIDE see: KD8575000
ERBN see: UF1400000
ERBOCAIN see: QE8480000
ERBON see: UF1400000
ERCEFUROL see: DH2528300
ERCEFURYL see: DH2528300
ERCO-FER see: LT1950000
ERCOFERRO see: LT1950000
ERCORAX see: BP8249200
ERCOTINA see: BP8249200
ERE 1359 see: VH1050000
EREMURSINE HYDROCHLORIDE see: SL1225000

KE0163000 EREMURUS HIMALICUS Baker., extract excluding roots
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 16,728,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

EREVIT see: GP8588000
ERGADENYLIC ACID see: AU7480500
ERGAM see: KE8225000
ERGAMINE see: MS1050000
ERGASEPTINE see: WO8400000
ERGATE see: KE8225000
ERGENYL see: YV7876000

KE0650000 ERHAVIT A
DEF:Contains DIMETHYLAMINE, UREA, THIOGLYCOLIC ACID and WATER (BECTA6 32,400,84)
UPDT:8408
MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate BECTA6 32,400,84
mma-sat 10 uL/plate BECTA6 32,400,84

ERGOATETRINE see: KE5075000
ERGOBASINE see: KE5075000

KE1050000 ERGOCALCIFEROL
UPDT:8411 CAS: 50-14-6 MW: 396.72 MOLFM: C28-H44-O
SYN: D-ARTHIN * CALCIFEROL * CALCIFERON 2 * CONDACAPS * CONDOCAPS * CONDOL * CRTRON * CRYSTALLINA * DARAL * DAVITAMON D * DAVITIN * DECAPS * DEE-OSTEROL * DEE-RON * DEE-RONAL * DEE-ROUAL * DELTALIN * DERATOL * DETALUP * DIACTOL * DIVIT URTO * DORAL * DRISDOL * ERGORONE * ERGOSTEROL ACTIVATED * ERGOSTEROL, IRRADIATED * ERTRON * FORTODYL * GELTABS * HI-DERATOL * INFRON * IRRADIATED ERGOSTA-5,7,22-TRIEN-3-beta-OL * METADEE * MULSIFEROL * MYKOSTIN * OLEOVITAMIN D * OSTELIN * RADIOSTOL * RADSTERIN * 9,10,SECOERGOSTA-5,7,10(19),22-TETRAEN 3-beta-OL * SHOCK-FEROL * STEROGYL * VIGANTOL * VIOSTEROL * VITAMIN D2 * VITAVEL-D
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T52 orl-rat TDLo:45 mg/kg (13-21D preg) ARPAAQ 73,371,62
3T34T46T76 orl-rat TDLo:30 mg/kg (10-21D preg) 45REAG 4,339,80
1T46 orl-rat TDLo:55 mg/kg (9-19D preg) ARPAAQ 87,563,69
2T14T22 orl-rat TDLo:33750 ug/kg (9D pre) IJMDAI 2,14,66
2T31T81 orl-rat TDLo:22500 ug/kg (13-21D preg) ARPAAQ 73,371,62
1T22 scu-rat TDLo:17500 ug/kg (1-7D preg) FESTAS 12,343,61
3T46T75T81 ims-rat TDLo:35 mg/kg (8-21D preg) AEMBAP 27,219,72
1T47 ims-rbt TDLo:1750 ug/kg (1-28D preg) PEREBL 13,121,79
3T76T81T91 ims-rbt TDLo:9375 ug/kg (2-31D preg) PEDIAU 43,12,69
1T27 ims-rbt TDLo:17500 ug/kg (1-28D preg) PEREBL 13,121,79
TOXICITY DATA AND REFERENCES:
3F14K13U01 orl-wmn TDLo:12600 mg/kg/72W LANCAO 1,1164,80
orl-dog LDLo:4 mg/kg ZGEMAZ 116,138,50
* orl-rat LDLo:5 mg/kg NIIRDN 6,128,82
orl-dog LDLo:4 mg/kg ZGEMAZ 116,138,50
ipr-dog LDLo:10 mg/kg ZGEMAZ 116,138,50
ivn-dog LDLo:5 mg/kg ZGEMAZ 116,138,50
ims-dog LDLo:5 mg/kg ZGEMAZ 116,138,50
* orl-cat LDLo:5 mg/kg NIIRDN 6,128,82
* orl-gpg LDLo:40 mg/kg NIIRDN 6,128,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PEDIAU 43,1,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ERGOCHROME AA(2,2') see: EC2462000
ERGOCHROME AA (2,2')-5-beta,6-alpha,10-beta-5',6'-alpha,10'-beta see: EC2460000
ERGOCORNIN see: KE7630000
ERGOCORNINE see: KE7630000

KE1099000 ERGOCORNINE, 9,10-DIHYDRO-
UPDT:8401 CAS: 25447-65-8 MW: 563.77 MOLFM: C31-H41-N5-O5
SYN: D.H.O 180 * DIHYDROERGOCORNINE * 9,10-DIHYDROERGOCORNINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 scu-rat TDLo:25 mg/kg (5D post) ENDOAO 90,285,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ERGOCORNINE HYDROGEN MALEATE see: KE7632000
ERGOCORNINE HYDROGEN MALEINATE see: KE7632000
ERGOCORNINE MALEATE see: KE7632000
ERGOCORNINE MESYLATE see: KE7635000
ERGOCORNINE METHANESULFONATE (salt) see: KE7635000
ERGOCORNINE METHANESULPHONATE see: KE7635000
ERGOCRISTINE METHANESULFONATE see: KE7643000
ERGOCRISTINE MONOMETHANESULFONATE see: KE7643000

KE1400000 ERGOCRYPTINE
UPDT:8408 CAS: 511-09-1 MW: 575.78 MOLFM: C32-H41-N5-O5
SYN: alpha-ERGOCRYPTINE * alpha-ERGOKRYPTINE * 12'-HYDROXY-2'-(1-METHYLETHYL)-5'-alpha-(2-METHYLPROPYL)ERGOTAMAN-3',6',18-TRIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T29T81 scu-rat TDLo:2 mg/kg (4D preg) JRPFA4 56,691,79
1T17 scu-rat TDLo:1800 ug/kg (3D post) USXXAM #3752814
TOXICITY DATA AND REFERENCES:
* ivn-rbt LD50:950 ug/kg USXXAM #3752814
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-ERGOCRYPTINE see: KE1400000

KE1595000 alpha-ERGOCRYPTINE, 2-BROMO-, METHANESULFONATE
UPDT:8408 CAS: 22260-51-1 MW: 670.88 MOLFM: C32-H40-N5-O5 C-H4-O3-S
SYN: BROMOCRIPTINE MESILATE * 2-BROMO-alpha-ERGOCRYPTINE METHANESULFONATE * 2-BROMO-alpha-ERGOKRYPTINE-MESILATE (German) * CB-154 * PARLODEL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:42 mg/kg (1-7D preg) EXPEAM 30,1358,74
1T22 scu-rat TDLo:10500 ug/kg (1-7D preg) EXPEAM 30,1358,74
1T39 par-rat TDLo:35 mg/kg (14-20D preg) GCENA5 39,118,79
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:71300 ug/kg IYKEDH 10,232,79
* ivn-rbt LD50:8200 ug/kg IYKEDH 10,232,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE1600000 ERGOCRYPTINE, DIHYDRO-, TARTRATE
UPDT:8310 CAS: 73986-90-0 MW: 727.90 MOLFM: C32-H43-N5-O5 C4-H6-O6
SYN: DIHYDROERGOKRYPTINE TARTRATE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:188 mg/kg BAXXDU #2025960
ivn-rbt LD50:19 mg/kg BSAMA5 2,1,46

ERGOCRYPTINE MESYLATE see: KE1605000
ERGOCRYPTINE METHANESULFONATE see: KE1605000
ERGOCRYPTINE METHANESULPHONATE see: KE1605000

KE1605000 ERGOCRYPTINE, MONOMETHANESULFONATE (salt)
UPDT:8312 CAS: 2706-66-3 MW: 671.89 MOLFM: C32-H41-N5-O5 C-H4-O3-S
SYN: ECR * ERGOCRYPTINE MESYLATE * ERGOCRYPTINE METHANESULFONATE * ERGOCRYPTINE METHANESULPHONATE * ERGOKRYPTINE METHANESULFONATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:875 ug/kg (4D preg) JRPFA4 10,221,65
1T81 scu-rat TDLo:12500 ug/kg (5D post) ENDOAO 90,285,72
1T27 scu-ham TDLo:8 mg/kg (5D preg) PSEBAA 150,425,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ERGOKLININE see: KE5075000
alpha-ERGOKRYPTINE see: KE1400000
ERGOKRYPTINE METHANESULFONATE see: KE1605000

KE1890000 ERGOLINE-8-beta-ACETONITRILE, 6-METHYL-
UPDT:8405 MW: 264.38 MOLFM: C17-H18-N3
SYN: 6-METHYLERGOLINE-8-beta-ACETONITRILE * 6-METHYL-8-beta-ERGOLINE-ACETONITRILE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T15 scu-mus TDLo:120 mg/kg (30D pre) PSEBAA 142,1067,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE1900000 ERGOLINE-8-ACETONITRILE, 6-METHYL-, D-
UPDT:8402 MW: 251.38 MOLFM: C17-H19-N2
SYN: D-6-METHYL-8-CYANOMETHYLERGOLINE * D-6-METHYLERGOLINE-8-ACETONITRILE * 6603 VUFB
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T25 orl-rat TDLo:1 mg/kg (3D preg) NATUAS 221,666,69
1T25 orl-mus TDLo:20 mg/kg (6-7D preg) JRPFA4 24,441,71
1T24 orl-mus TDLo:30 mg/kg (1-3D preg) JRPFA4 24,441,71
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:110 mg/kg NATUAS 221,666,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE1950000 ERGOLINE-8-beta-BUTYRAMIDE, alpha-CYANO-6-METHYL-
UPDT:8312 MW: 336.48 MOLFM: C20-H24-N4-O
SYN: alpha-CYANO-6-METHYLERGOLINE-8-beta-BUTYRAMIDE
TOXICITY DATA AND REFERENCES:
1H02 orl-mus LD50:100 mg/kg ARZNAD 33,1094,83

KE2450000 ERGOLINE-8-beta-CARBOXAMIDE, N-BENZYLOXY-9,10-DIDEHYDRO-6-METHYL-
UPDT:8303 CAS: 63938-25-0 MW: 373.49 MOLFM: C23-H23-N3-O2
SYN: N-BENZYLOXY-9,10-DIDEHYDRO-6-METHYLERGOLINE-8-beta-CARBOXAMIDE * IEC
TOXICITY DATA AND REFERENCES:
ivn-rbt LD50:50 ug/kg 27ZQAG -,96,72

KE2625000 ERGOLINE-8-beta-CARBOXAMIDE, 2-BROMO-9,10-DIDEHYDRO-N,N-DIETHYL-6-METHYL-
UPDT:8305 CAS: 478-84-2 MW: 404.40 MOLFM: C20-H26-Br-N3-O
SYN: BOL * BOL-148 * D-2-BROM-DIETHYLAMIDE of LYSERGIC ACID * BROM LSD * 2-BROMO-9,10-DIDEHYDRO-N,N-DIETHYL-6-METHYLERGOLINE-8-beta-CARBOXAMIDE * 2-BROMO-D-LYSERGIC ACID DIETHYLAMIDE * 2-BROM-D-LYSERGIC ACID DIETHYLAMINE * BROMLYSERGAMIDE * BROMOLYSERGIDE * 9,10-DIDEHYDRO-N,N-DIETHYL-2-BROMO-6-METHYLERGOLINE-8-beta-CARBOXAMIDE * USAF SZ-1
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T34T35 scu-ham TDLo:2 ug/kg (8D preg) SCIEAS 158,265,67
3T41T55T59 scu-ham TDLo:2 ug/kg (8D preg) SCIEAS 158,265,67
TOXICITY DATA AND REFERENCES:
1H05 orl-hmn TDLo:75 ug/kg PSYPAG 1,20,59
ipr-mus LD50:25 mg/kg NTIS** AD277-689
ivn-mus LD50:20 mg/kg 2EZSAT -,-,64
3F07F19U25 ivn-rbt LD50:6 mg/kg ANYAA9 66,668,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE2800000 ERGOLINE-8-beta-CARBOXAMIDE, N-CYCLOBUTYL-9,10-DIDEHYDRO-6-METHYL-, MALEATE
UPDT:8308 MW: 437.54 MOLFM: C20-H23-N3-O C4-H4-O4
SYN: C(sub 4)AL * N-CYCLOBUTYL-9,10-DIDEHYDRO-6-METHYLERGOLINE-8-beta-CARBOXAMIDE MALEATE * LYSERGAMIDE, N-CYCLOBUTYL-, MALEATE
TOXICITY DATA AND REFERENCES:
3F11F13J26 ivn-mus LDLo:6806 ug/kg AIPTAK 115,114,58

BEST COPY AVAILABLE

KE2820000 ERGOLINE-8-beta-CARBOXAMIDE, N-CYCLOHEPTYL-9,10-DIDEHYDRO-6-METHYL-, MALEATE
UPDT:8308 MW: 479.63 MOLFM: C23-H29-N3-O C4-H4-O4
SYN: C(sub 7)AL * N-CYCLOHEPTYL-9,10-DIDEHYDRO-6-METHYL-ERGOLINE-8-beta-CARBOXAMIDE MALEATE * LYSERGAMIDE, N-CYCLOHEPTYL- MALEATE

TOXICITY DATA AND REFERENCES:
3F11F13J26 ivn-mus LDLo:6597 ug/kg AIPTAK 115,114,58

KE2840000 ERGOLINE-8-beta-CARBOXAMIDE, N-CYCLOHEXYL-9,10-DIDEHYDRO-6-METHYL-, MALEATE
UPDT:8308 MW: 465.60 MOLFM: C22-H27-N3-O C4-H4-O4
SYN: C(sub 6)AL * N-CYCLOHEXYL-9,10-DIDEHYDRO-6-METHYL ERGOLINE-8-beta-CARBOXAMIDE MALEATE * LYSERGAMIDE, N-CYCLOHEXYL- MALEATE

TOXICITY DATA AND REFERENCES:
* ivn-rbt LDLo:1066 ug/kg AIPTAK 115,114,58

KE2860000 ERGOLINE-8-beta-CARBOXAMIDE, N-CYCLOPENTYL-9,10-DIDEHYDRO-6-METHYL-, MALEATE
UPDT:8308 MW: 451.57 MOLFM: C21-H25-N3-O C4-H4-O4
SYN: C(sub 5)AL * N-CYCLOPENTYL-9,10-DIDEHYDRO-6-METHYL ERGOLINE-8-beta-CARBOXAMIDE MALEATE * LYSERGAMIDE, N-CYCLOPENTYL- MALEATE

TOXICITY DATA AND REFERENCES:
3F11F13J26 ivn-mus LDLo:6730 ug/kg AIPTAK 115,114,58
* ivn-rbt LDLo:269 ug/kg AIPTAK 115,114,58

KE2940000 ERGOLINE-8-beta-CARBOXAMIDE, N-CYCLOPROPYL-9,10-DIDEHYDRO-6-METHYL-, MALEATE
UPDT:8308 MW: 423.51 MOLFM: C19-H21-N3-O C4-H4-O4
SYN: C(sub 3)AL * N-CYCLOPROPYL-9,10-DIDEHYDRO-6-METHYL-ERGOLINE-8-beta-CARBOXAMIDE MALEATE * LYSERGAMIDE, N-CYCLOPROPYL- MALEATE

TOXICITY DATA AND REFERENCES:
* ivn-rbt LDLo:551 ug/kg AIPTAK 115,114,58

KE4100000 ERGOLINE-8-beta-CARBOXAMIDE, 9,10-DIDEHYDRO-N,N-DIETHYL-6-METHYL-
UPDT:8405 CAS: 50-37-3 MW: 323.48 MOLFM: C20-H25-N3-O
SYN: ACID * CUBES * DELYSID * 9,10-DIDEHYDRO-N,N-DIETHYL-6-METHYL ERGOLINE-8-beta-CARBOXAMIDE * N,N-DIETHYLLYSERGAMIDE * D-LSD * HEAVENLY BLUE * LSD * LSD-25 * LYSERGAMID * LYSERGAMIDE, N,N-DIETHYL- * LYSERGAURE DIETHYLAMID * D-LYSERGIC ACID DIETHYLAMIDE * LYSERGIC ACID DIETHYLAMIDE-25 * LYSERGIDE * LYSERGSAUEREDIAETHYLAMID * PEARLY GATES * ROYAL BLUE * WEDDING BELLS

MUTATION DATA AND REFERENCES:
mmo-esr 100 mg/L MUREAV 10,269,70
sln-dmg-ipr 400 mg/kg SCIEAS 161,1022,68
sln-dmg-par 470 mg/kg NATUAS 223,95,69
sln-dmg-orl 8460 mg/kg NATUAS 223,95,69
dlt-dmg-ipr 1 mg/kg ACNSAX 13,212,73
cyt-hmn:leu 1 ug/L/24H SCIEAS 155,1417,67
cyt-hmn:lym 1 ug/L/4H ANYAA9 151,977,68
cyt-hmn-ivn 600 ug/kg JAMAAP 206,2287,68
cyt-man-unk 17 ug/kg SCIEAS 157,313,67
cyt-hmn-unk 3 ug/kg HUMAA7 6,253,68
spm-rat-ipr 10 ug/kg MUREAV 26,513,74
cyt-mus-ipr 25 ug/kg NATUAS 219,1072,68
cyt-mus-par 1 mg/kg SCIEAS 160,1246,68
dlt-mus-ipr 10 ug/kg MUREAV 21,189,73
spm-mus-ipr 1 mg/kg MUREAV 21,189,73
spm-mus-scu 10 mg/kg/5W-I JRPFA4 22,141,70
spm-mus-unk 1 mg/kg MUREAV 26,513,74
cyt-ham-ipr 375 ug/kg/5W NULSAK 21,206,78
cyt-ham-orl 375 ug/kg/5W NULSAK 21,206,78
cyt-ham:lng 1180 mg/L GMCRDC 27,95,81
cyt-mky-mul 170 ug/kg/32W-I HUMAA7 8,86,69
cyt-mky:leu 1 mg/L/24H HUMAA7 8,86,69
dnd-mam:lym 33 umol/L NATUAS 222,1170,69

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 orl-wmn TDLo:2500 ng/kg (1D pre) JAMAAP 212,1483,70
1T34 orl-rat TDLo:150 ug/kg (6-15D preg) AUCMBJ 61,221,73
1T83 orl-rat TDLo:300 ug/kg (13-15D preg) PHMCAA 12,296,70
1T21 ipr-rat TDLo:50 ug/kg (1D male) ANENAG 24(Suppl 3),1,63
1T71 scu-rat TDLo:5 ug/kg (4D preg) SCIEAS 157,459,67
1T21 scu-rat TDLo:10 ug/kg (1D male) PSYPAG 10,44,66
1T83 scu-rat TDLo:400 ug/kg (18-21D preg) ADBBBW 8,171,72
1T29 ipr-mus TDLo:1200 ug/kg (1D pre) JOENAK 37,327,67
1T42 ipr-mus TDLo:200 ug/kg (6D preg) SCIEAS 164,574,69
1T43 ipr-mus TDLo:40 ug/kg (7D preg) NATUAS 220,490,68
2T41T83 ipr-mus TDLo:5 ug/kg (12D preg) GEPHDP 7,395,76
3T41T47T59 ipr-mus TDLo:20 ug/kg (8D preg) FOMOAJ 31,502,72
1T01 scu-mus TDLo:10 mg/kg (10D male) JRPFA4 22,141,70
3T25T35T34 scu-ham TDLo:84 ng/kg (8D preg) SCIEAS 158,265,67
3T41T55T59 scu-ham TDLo:84 ng/kg (8D preg) SCIEAS 158,265,67

TOXICITY DATA AND REFERENCES:
2F06F08 ims-hmn TDLo:750 ng/kg PSYPAG 3,219,62
1F13 orl-hrin TDLo:0.7 ug/kg JPETAB 120,340,57
ivn-rat LD50:16 mg/kg IRMEA9 172,702,59
1E15 ipr-mus LD50:262 mg/kg AIPTAK 155,69,65
ivn-mus LD50:46 mg/kg IRMEA9 172,702,59
3F07F19U25 ivn-rbt LD50:300 ug/kg ANYAA9 66,668,57
* scu-gpg LD50:16 mg/kg AIPTAK 137,375,62
orl-bwd LD50:2 mg/kg TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 26(6),523,74; AMDNA4 79(2),229,74; MUREAV 47,183,78; NEJMAG 277,1043,67; JAMAAP 211,987,70; LANCAO 1,1290,70

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE4390000 ERGOLINE-8-beta-CARBOXAMIDE, 9,10-DIDEHYDRO-N,N-DIETHYL-6-METHYL-, D-, TARTRATE with METHYL ALCOHOL (1:2)
UPDT:8406 MW: 861.16 MOLFM: C40-H50-N6-O2 C4-H6-O6 2C-H4-O
SYN: LSD TARTRATE * LYSERGIC ACID DIETHYLAMIDE TARTRATE * D-LYSERGIC ACID DIETHYLAMIDE TARTRATE

MUTATION DATA AND REFERENCES:
cyt-hmn:lym 10 mg/L/72H MUREAV 51,403,78
dlt-mus-ipr 10 ug/kg MUREAV 26,517,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T76 orl-rat TDLo:20 ug/kg (4D preg) JPETAB 173,48,70
3T71T72T76 scu-rat TDLo:5 ug/kg (4D preg) JPETAB 173,48,70
2T81T87 scu-rat TDLo:5 ug/kg (4D preg) JPETAB 173,48,70
1T71 scu-rat TDLo:5 ug/kg (MGN) JPETAB 173,48,70
1T41 ipr-mus TDLo:2 ug/kg (7D preg) SCIEAS 157,1325,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE5075000 ERGOLINE-8-beta-CARBOXAMIDE, 9,10-DIDEHYDRO-N-((S)-2-HYDROXY-1-METHYLETHYL)-6-METHYL
UPDT:8305 CAS: 60-79-7 MW: 325.45 MOLFM: C19-H23-N3-O2
SYN: BASERGIN * CORNOCENTIN * 9,10-DIDEHYDRO-N-(alpha-(HYDROXYMETHYL)ETHYL)-6-METHYLERGOLINE-8-beat-CARBOXAMIDE * ERGOATETRINE * ERGOBASINE * ERGOKLININE * ERGOTOCINE * ERGOMETRINE * ERGONOVINE * ERGOTRATE * ERMETRINE * N-(alpha-(HYDROXYMETHYL)ETHYL)-D-LYSERGOMIDE * N-(1-(HYDROXYMETHYL)ETHYL)-D-LYSERGOMIDE * D-LYSERGIC ACID 1-HYDROXYMETHYLETHYLAMIDE * LYSERGIC ACID PROPANOLAMIDE * D-LYSERGIC ACID L-2-PROPANOLAMIDE * MARGONOVINE * NEOFEMERGEN * SECACORNIN * SECOMETRIN * SYNTOMETRINE

TOXICITY DATA AND REFERENCES:
* unk-mus LD50:144 mg/kg AIPTAK 98,335,54
* ivn-rbt LDLo:7500 ug/kg 85ESA3 9,477,76
ivn-gpg LDLo:80 mg/kg 27ZIAQ -,107,73

KE5250000 ERGOLINE-8-beta-CARBOXAMIDE, 9,10-DIDEHYDRO-N-((S)-2-HYDROXY-1-METHYLETHYL)-6-METHYL-, MALEATE (1:1) (salt)
UPDT:8312 CAS: 129-51-1 MW: 441.53 MOLFM: C19-H23-N3-O2 C4-H4-O4
SYN: CORNOCENTIN * CRUDE ERGOT * ERGOMETRINE ACID MALEATE * ERGOMETRINE MALEATE * ERGONOVINE, MALEATE (1:1) (salt) * ERGOT * ERGOTRATE * ERGOTRATE MALEATE * OXYTOCIC

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 scu-rat TDLo:100 mg/kg (5D post) ENDOAO 90,285,72

TUMORIGENIC DATA AND REFERENCES:
3V03D45M03 orl-rat TDLo:669 gm/kg/96W-C CNREAB 2,11,42
3V03D45M03 orl-rat TD :773 gm/kg/44W-C CNREAB 2,11,42

TOXICITY DATA AND REFERENCES:
unk-man LDLo:15 mg/kg 85DCAI 2,73,70
ivn-mus LD50:8 mg/kg TXAPA9 23,537,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE5300000 ERGOLINE-8-beta-CARBOXAMIDE, 9,10-DIDEHYDRO-N-(1-HYDROXYMETHYL)PROPYL)1,6-DIMETHYL-
UPDT:8411 CAS: 361-37-5 MW: 353.51 MOLFM: C21-H27-N3-O2
SYN: DESERIL * DESERNYL * DESERYL * METHYLLYSERGIC ACID BUTANOLAMIDE * 1-METHYLLYSERGIC ACID BUTANOLAMIDE * METHYSERGID * METHYSERGIDE * UML 491

MUTATION DATA AND REFERENCES:
cyt-hmn:lym 100 ug/L/24H MUREAV 48,205,77

KE5400000 ERGOLINE-8-beta-CARBOXAMIDE, 9,10-DIDEHYDRO-N-(1-(HYDROXYMETHYL)PROPYL)-1,6-DIMETHYL-, DIMALEATE
UPDT:8308 CAS: 29605-96-7 MW: 585.67 MOLFM: C21-H27-N3-O2 2C4-H4-O4
SYN: 1-(HYDROXYMETHYL)PROPYLAMIDE of 1-METHYL-(+)-LYSERGIC ACID HYDROGEN MALEATE * METHYSERGIDE BIMALEATE * METHYSERGIDE DIMALEATE * SANSERT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 ipr-mus TDLo:400 ug/kg (1D pre) JOENAK 37,327,67

TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg 27ZQAG -,101,72
ivn-rat LD50:125 mg/kg 27ZQAG -,101,72
orl-mus LD50:581 mg/kg 27ZQAG -,101,72
ivn-mus LD50:185 mg/kg 27ZQAG -,101,72
ivn-rbt LD50:28 mg/kg 27ZQAG -,101,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE5425000 ERGOLINE-8-beta-CARBOXAMIDE, 9,10-DIDEHYDRO-N-(S)-1-(HYDROXYMETHYL)PROPYL)-6-METHYL-
UPDT:8305 CAS: 113-42-8 MW: 339.48 MOLFM: C20-H25-N3-O2
SYN: BASOFORTINA * 9,10-DIDEHYDRO-N-(alpha-(HYDROXYMETHYL)PROPYL)-6-METHYL ERGOLINE-8-beta-CARBOXAMIDE * ME 277 * METHERGINE * METHYLERGOBASINE * METHYLERGOBREVIN * METHYLERGOMETRIN * METHYLERGOMETRINE * METHYLERGONOVIN * METHYLERGONOVINE * PARTERGIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 ipr-rat TDLo:10 mg/kg (12-21D preg) AJPHAP 180,296,55

TOXICITY DATA AND REFERENCES:
orl-rat LD50:93 mg/kg 27ZIAQ -,163,73
ivn-rat LD50:23 mg/kg 27ZQAG -,100,72
orl-mus LD50:187 mg/kg 27ZIAQ -,163,73
ivn-mus LD50:85 mg/kg 27ZIAQ -,163,73
ivn-rbt LD50:2600 ug/kg 27ZIAQ -,163,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE5500000 ERGOLINE-8-CARBOXAMIDE, 9,10-DIDEHYDRO-N-(1-(HYDROXYMETHYL)PROPYL)-6-METHYL-, (8-beta-(S))-, (Z)-2-BUTENEDIOATE (1:1) (SALT)
UPDT:8310 CAS: 57432-61-8 MW: 455.56 MOLFM: C20-H25-N3-O2 C4-H4-O4
SYN: ERGONOVINE, METHYL-, MALEATE (1:1) * MALEIC ACID, METHYL ERGONOVINE * METHERGINE * METHYLERGOMETRINE MALEATE * METHYLERGOBASINE MALEATE * METHYLERGONOVINE MALEATE * USAF UCTL-8

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:93 mg/kg NIIRDN 6,828,82
* ivn-rat LD50:23 mg/kg NIIRDN 6,828,82
* orl-mus LD50:187 mg/kg NIIRDN 6,828,82
ipr-mus LD50:6 mg/kg NTIS** AD277,689
* ivn-mus LD50:85 mg/kg NIIRDN 6,828,82
* ivn-rbt LD50:2600 ug/kg NIIRDN 6,828,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6325000 ERGOLINE, 8,9-DIDEHYDRO-6,8-DIMETHYL-
UPDT:8405 CAS: 548-42-5 MW: 238.36 MOLFM: C16-H18-N2
SYN: AGROCLAVINE * 8,9-DIDEHYDRO-6,8-DIMETHYLERGOLINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:50 mg/kg (1-5D preg) BJPCAL 33,215,68
1T29 orl-mus TDLo:20 mg/kg (3-4D preg) JRPFA4 18,81,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6341000 ERGOLINE-8-beta-METHANOL, 10-METHOXY-1,6-DIMETHYL-, 5-BROMO-3-PYRIDINECARBOXYLATE (ester)
UPDT:8403 CAS: 27848-84-6 MW: 484.44 MOLFM: C24-H26-Br-N3-O3
SYN: 8-beta-((5-BROMONICOTINOYL)OXY)METHYL)-1,6-DIMETHYL-10-alpha-METHOXYERGOLINE * ERGOLINE-8-beta-METHANOL, 10-METHOXY-1,6-DIMETHYL-, 5-BROMO-3-PYRIDINECARBOXYLATE (ester) * FI 6714 * 10-METHOXY-1,6-DIMETHYL-ERGOLIN-8-beta-METHANOL-(5-BROMNICOTINAT) (German) * (0-METHOXY-1,6-DIMETHYLERGOLINE-8-METHANOL 5-BROMO-3-PYRIDINECARBOXYLATE (ester) * 1-METHYL-LUMILYSERGOL B-(3-BROMONICOTINATE) 10-METHYL ETHER * MNE * NARGOLINE * NICERGOLIN (German) * NICERGOLINE * NICOTERGOLINE * NIMERGOLINE * SERMION

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2016 mg/kg ARZNAD 29,1223,79
* scu-rat LD50:778 mg/kg ARZNAD 29,1223,79
ivn-rat LD50:42 mg/kg ARZNAD 29,1206,79
* orl-mus LD50:633 mg/kg ARZNAD 29,1223,79
ivn-mus LD50:46 mg/kg ARZNAD 29,1206,79
ivn-dog LD50:20 mg/kg ARZNAD 29,1206,79

ERGOLINE-8-beta-METHANOL, 10-METHOXY-1,6-DIMETHYL-, 5-BROMO-3-PYRIDINECARBOXYLATE (ester) see: KE6341000

KE6345000 ERGOLINE, 8-beta-((METHYLTHIO)METHYL)-6-PROPYL-, METHANESULFONATE (1:1)
UPDT:8306 CAS: 66104-23-2 MW: 409.63 MOLFM: C19-H25-N2-S C-H4-O3-S

BEST COPY AVAILABLE

SYN: 8-beta-((METHYLTHIO)METHYL)-6-PROPYLERGOLINE METHANESULFONATE * MPE * PERGOLIDE MESYLATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:15 mg/kg TXAPA9 48,A95,79
orl-mus LD50:54 mg/kg TXAPA9 48,A95,79
* ipr-mus LD50:100 mg/kg JMCMAR 26,522,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345010 ERGOLINE-8-beta-PROPIONAMIDE, alpha-ACETYL-6-METHYL-

UPDT:8401 MW: 339.48 MOLFM: C20-H25-N3-O2
SYN: alpha-ACETYL-6-METHYLERGOLINE-8-beta-PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:4 mg/kg (5D preg) ARZNAD 33,1094,83

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:400 mg/kg ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345020 ERGOLINE-8-PROPIONAMIDE, 6-ALLYL-alpha-CYANO-

UPDT:8401 MW: 348.49 MOLFM: C21-H24-N4-O
SYN: 6-ALLYL-alpha-CYANOERGOLINE-8-PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:300 ug/kg (5D preg) ARZNAD 33,1094,83

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:400 mg/kg ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345030 ERGOLINE-8-beta-PROPIONAMIDE, N-BENZYL-6-METHYL-alpha-(METHYLSULFONYL)-

UPDT:8401 MW: 465.66 MOLFM: C26-H31-N3-O3-S
SYN: N-BENZYL-6-METHYL-alpha-(METHYLSULFONYL)ERGOLINE-8-beta-PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:5 mg/kg (5D preg) ARZNAD 33,1094,83

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:200 mg/kg ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345040 ERGOLINE-8-PROPIONAMIDE, 2-BROMO-alpha-CYANO-6-METHYL-

UPDT:8312 MW: 401.35 MOLFM: C19-H21-Br-N4-O
SYN: 2-BROMO-alpha-CYANO-6-METHYLERGOLINE-8-PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:100 mg/kg ARZNAD 33,1094,83

KE6345050 ERGOLINE-8-PROPIONAMIDE, 2-CHLORO-alpha-CYANO-6-METHYL-

UPDT:8401 MW: 356.89 MOLFM: C19-H21-Cl-N4-O
SYN: 2-CHLORO-alpha-CYANO-6-METHYLERGOLINE-8-PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:8 mg/kg (5D preg) ARZNAD 33,1094,83

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:12500 ug/kg ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345060 ERGOLINE-8-PROPIONAMIDE, alpha-CYANO-6-(CYCLOPROPYLMETHYL)-

UPDT:8401 MW: 362.52 MOLFM: C22-H26-N4-O
SYN: alpha-CYANO-6-(CYCLOPROPYLMETHYL)ERGOLINE-8-PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:1 mg/kg (5D preg) ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345070 ERGOLINE-8-PROPIONAMIDE, alpha-CYANO-1,6-DIMETHYL-

UPDT:8312 MW: 336.48 MOLFM: C20-H24-N4-O
SYN: alpha-CYANO-1,6-DIMETHYLERGOLINE-8-PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:25 mg/kg ARZNAD 33,1094,83

KE6345080 ERGOLINE-8-PROPIONAMIDE, alpha-CYANO-2,6-DIMETHYL-

UPDT:8401 MW: 336.48 MOLFM: C20-H24-N4-O
SYN: alpha-CYANO-2,6-DIMETHYLERGOLINE-8-PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:4 mg/kg (5D preg) ARZNAD 33,1094,83

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:200 mg/kg ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345090 ERGOLINE-8-PROPIONAMIDE, alpha-CYANO-2-(1,3-DITHIOLAN-2-YL)-6-METHYL-

UPDT:8312 MW: 426.64 MOLFM: C22-H26-N4-O-S2
SYN: alpha-CYANO-2-(1,3-DITHIOLAN-2-YL)-6-METHYLERGOLINE-8-PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:400 mg/kg ARZNAD 33,1094,83

KE6345100 ERGOLINE-8-beta-PROPIONAMIDE, alpha-CYANO-N-ETHYL-6-METHYL-

UPDT:8401 MW: 350.51 MOLFM: C21-H26-N4-O
SYN: alpha-CYANO-N-ETHYL-6-METHYLERGOLINE-8-beta-PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:400 ug/kg (5D preg) ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345110 ERGOLINE-8-PROPIONAMIDE, alpha-CYANO-6-ISOBUTYL-

UPDT:8401 MW: 364.54 MOLFM: C22-H28-N4-O
SYN: alpha-CYANO-6-ISOBUTYLERGOLINE-8-PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:24 mg/kg (5D preg) ARZNAD 33,1094,83

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:200 mg/kg ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345120 ERGOLINE-8-alpha-PROPIONAMIDE, alpha-CYANO-6-METHYL-

UPDT:8401 MW: 322.45 MOLFM: C19-H22-N4-O
SYN: alpha-CYANO-6-METHYLERGOLINE-8-alpha-PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:8 mg/kg (5D preg) ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345130 ERGOLINE-8-beta-PROPIONAMIDE, alpha-CYANO-6-METHYL-

UPDT:8401 MW: 322.45 MOLFM: C19-H22-N4-O
SYN: alpha-CYANO-6-METHYLERGOLINE-8-beta-PROPIONAMIDE * 2(R,S)-CYANO-3-(6-METHYLERGOLIN-8-beta-YL)PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:10 mg/kg (5D preg) ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345140 ERGOLINE-8-PROPIONAMIDE, alpha-CYANO-6-METHYL-2-(METHYLTHIO)-

UPDT:8312 MW: 368.54 MOLFM: C20-H24-N4-O-S
SYN: alpha-CYANO-6-METHYL-2-(METHYLTHIO)ERGOLINE-8-PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:6200 ug/kg ARZNAD 33,1094,83

KE6345150 ERGOLINE-8-PROPIONAMIDE, alpha-CYANO-6-METHYL-2-(PHENYLTHIO)-

UPDT:8312 MW: 430.61 MOLFM: C25-H26-N4-O-S
SYN: alpha-CYANO-6-METHYL-2-(PHENYLTHIO)ERGOLINE-8-PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:50 mg/kg ARZNAD 33,1094,83

KE6345160 ERGOLINE-8-PROPIONAMIDE, 9,10-DIDEHYDRO-alpha-CYANO-6-METHYL-

UPDT:8401 MW: 320.43 MOLFM: C19-H20-N4-O
SYN: alpha-CYANO-6-METHYL-9,10-DIDEHYDROERGOLINE-8-PROPIONAMIDE * 9,10-DIDEHYDRO-alpha-CYANO-6-METHYLERGOLINE-8-PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:16 mg/kg (5D preg) ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345170 ERGOLINE-8-PROPIONAMIDE, 2,3-DIHYDRO-alpha-CYANO-6-METHYL-

UPDT:8312 MW: 324.47 MOLFM: C19-H24-N4-O
SYN: alpha-CYANO-6-METHYL-2,3-DIHYDROERGOLINE-8-PROPIONAMIDE * 2,3-DIHYDRO-alpha-CYANO-6-METHYLERGOLINE-8-PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:400 mg/kg ARZNAD 33,1094,83

KE6345180 ERGOLINE-8-beta-PROPIONAMIDE, N-ETHYL-6-METHYL-alpha-(METHYLSULFONYL)-

UPDT:8401 MW: 403.59 MOLFM: C21-H29-N3-O3-S
SYN: N-ETHYL-6-METHYL-alpha-(METHYLSULFONYL)ERGOLINE-8-beta-PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:3 mg/kg (5D preg) ARZNAD 33,1094,83

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:400 mg/kg ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345190 ERGOLINE-8-beta-PROPIONAMIDE, 6-METHYL-

UPDT:8401 MW: 297.44 MOLFM: C18-H23-N3-O
SYN: 6-METHYLERGOLINE-8-beta-PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:3 mg/kg (5D preg) ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345210 ERGOLINE-8-beta-PROPIONITRILE, 6-METHYL-alpha-(4-METHYL-1-PIPERAZINYLCARBONYL)-

UPDT:8401 MW: 405.60 MOLFM: C24-H31-N5-O
SYN: 6-METHYL-alpha-(4-METHYL-1-PIPERAZINYLCARBONYL)ERGOLINE-8-beta-PROPIONITRILE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:16 mg/kg (5D preg) ARZNAD 33,1094,83

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:400 mg/kg ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345220 ERGOLINE-8-beta-PROPIONITRILE, 6-METHYL-alpha-(MORPHOLINOCARBONYL)-

UPDT:8401 MW: 392.55 MOLFM: C23-H28-N4-O2
SYN: 6-METHYL-alpha-(MORPHOLINOCARBONYL)ERGOLINE-8-beta-PROPIONITRILE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:4 mg/kg (5D preg) ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345230 ERGOLINE-8-beta-PROPIONITRILE, 6-METHYL-alpha-(PIPERIDINOCARBONYL)-

UPDT:8401 MW: 390.58 MOLFM: C24-H30-N4-O
SYN: 6-METHYL-alpha-(PIPERIDINOCARBONYL)ERGOLINE-8-beta-PROPIONITRILE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:6 mg/kg (5D preg) ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345240 ERGOLINE-8-beta-PROPIONITRILE, 6-METHYL-alpha-(1-PYRROLIDINYLCARBONYL)-

UPDT:8401 MW: 376.55 MOLFM: C23-H28-N4-O
SYN: 6-METHYL-alpha-(1-PYRROLIDINYLCARBONYL)ERGOLINE-8-beta-PROPIONITRILE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:8 mg/kg (5D preg) ARZNAD 33,1094,83

TOXICITY DATA AND REFERENCES:

1H02 orl-mus LD50:200 mg/kg ARZNAD 33,1094,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE6345400 ERGOLIN-9-OL, 6,8-DIMETHYL-, ACETATE (ester), (8-alpha,9-beta)-

UPDT:8312 CAS: 6879-59-0 MW: 298.42 MOLFM: C18-H22-N2-O2
SYN: FUMIGACLAVINE A

TOXICITY DATA AND REFERENCES:

* orl-brd LDLo:125 mg/kg ANAIAF 31,685,77

ERGOMAR see: KE8225000
ERGOMETRINE see: KE5075000
ERGOMETRINE ACID MALEATE see: KE5250000
ERGOMETRINE MALEATE see: KE5250000
ERGONOVINE see: KE5075000
ERGONOVINE, MALEATE (1:1) (salt) see: KE5250000
ERGONOVINE, METHYL-, MALEATE (1:1) see: KE5500000
ERGOPLAST AdDO see: AU9700000
ERGOPLAST F90 see: TI0350000
ERGORONE see: KE1050000
ERGOSINE METHANESULFONATE see: KE7647000
alpha-ERGOSINE METHANESULFONATE see: KE7647000
ERGOSININE MONOMETHANESULFONATE see: KE7647000
ERGOSININE METHANESULFONATE see: KE7648000
ERGOSININE MONOMETHANESULFONATE see: KE7648000

KE7287000 ERGOSTA-2,24-DIEN-26-OIC ACID, 6,7-EPOXY-5,12,17-22-TETRAHYDROXY-1-OXO-, delta-LACTONE, (5-alpha,6-alpha,7-alpha,12-alpha,22S)-

UPDT:8408 CAS: 41093-93-0 MW: 486.66 MOLFM: C28-H38-O7
SYN: DATURALACTONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:175 mg/kg (1-7D preg) IJEBA6 16,419,78
1T13 orl-rat TDLo:300 mg/kg (5D pre) IJEBA6 16,648,78
1T13 ipr-mus TDLo:300 mg/kg (3D pre) IJEBA6 16,648,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ERGOSTA-6,22-DIEN-3-OL, 5,8-EPIDIOXY-, (3-beta,5-alpha,8-alpha,22E)- (9CI) see: KE7289000

KE7289000 5-alpha,8-alpha-ERGOSTA-6,22-DIEN-3-beta-OL, 5,8-EPIDIOXY-

UPDT:8401 CAS: 2061-64-5 MW: 428.72 MOLFM: C28-H44-O3
SYN: 5,8-EPIDIOXY-5-alpha,8-alpha-ERGOSTA-6,22-DIEN-3-beta-OL * ERGOSTA-6,22-DIEN-3-OL, 5,8-EPIDIOXY-, (3-beta,5-alpha,8-alpha,22E)- (9CI) * ERGOSTEROL ENDOPEROXIDE * ERGOSTEROL 5-alpha,8-alpha-EPIDIOXIDE * ERGOSTEROL PEROXIDE * PEROXYERGOSTEROL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-mus TDLo:30 mg/kg (1D preg) JRPFA4 46,461,76
1T27 orl-mus TDLo:60 mg/kg (6-7D preg) JRPFA4 46,461,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

ERGOSTAT see: KE8225000
ERGOSTEROL ACTIVATED see: KE1050000
ERGOSTEROL ENDOPEROXIDE see: KE7289000
ERGOSTEROL 5-alpha,8-alpha-EPIDIOXIDE see: KE7289000
ERGOSTEROL, IRRADIATED see: KE1050000
ERGOSTEROL PEROXIDE see: KE7289000
ERGOT see: KE5250000

KE7630000 ERGOTAMAN-3',6',18-TRIONE, 12'-HYDROXY-2',5'-BIS(1-METHYLETHYL)-, (5'-alpha)-
UPDT:8405 CAS: 564-36-3 MW: 561.73 MOLFM: C31-H39-N5-O5
SYN: ERGOCORNIN * ERGOCORNINE * 12'-HYDROXY-2',5'-alpha-BIS(1-METHYLETHYL)ERGOTAMAN-3',6',18-TRIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:5 mg/kg (5D preg)	RCOCB8 7,701,74
1T29	scu-rat TDLo:50 mg/kg (10D pre)	JRPFA4 11,459,66
1T17	unk-rat TDLo:10 mg/kg (7D post)	BIREBV 1,367,69

TOXICITY DATA AND REFERENCES:

*	ivn-rbt LDLo:1170 ug/kg	MEIEDD 10,525,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE7632000 ERGOTAMAN-3',6',18-TRIONE, 12'-HYDROXY-2',5'-BIS(1-METHYLETHYL)-, (5'-alpha)-, (Z)-2- BUTENEDIOATE (1:1) (SALT)
UPDT:8405 CAS: 57432-60-7 MW: 677.83 MOLFM: C31-H39-N5-O5 C4-H4-O4
SYN: ERGOCORNINE HYDROGEN MALEATE * ERGOCORNINE HYDROGEN MALEINATE * ERGOCORNINE MALEATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T16T22	scu-rat TDLo:5 mg/kg (1D pre)	JANSAG 45,768,77
2T17T81	scu-rat TDLo:12500 ug/kg (5D post)	ENDOAO 90,285,72
2T76T81	imp-mus TDLo:424 mg/kg (14-22D preg/21D post)	BIREBV 11,319,74
1T22	imp-mus TDLo:424 mg/kg (21D pre)	BIREBV 11,319,74
1T03	imp-mus TDLo:848 mg/kg (24D male)	BIREBV 11,319,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE7635000 ERGOTAMAN-3',6',18-TRIONE, 12'-HYDROXY-2',5'-BIS(1-METHYLETHYL)-, (5'-alpha)-, METHANESULFONATE (salt)
UPDT:8408 CAS: 2207-69-4 MW: 1234.52 MOLFM: C31-H39-N5-O5 xC-H4-O3-S
SYN: ERGOCORNINE MESYLATE * ERGOCORNINE METHANESULFONATE (salt) * ERGOCORNINE METHANESULPHONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:10 mg/kg (1D pre)	CCPTAY 17,407,78
3T25T42T47	scu-rat TDLo:5 mg/kg (8D preg)	ENDOAO 84,315,69
1T09	scu-rat TDLo:5 mg/kg (4D male)	ACENA7 56,27,67
1T29	scu-rat TDLo:1200 ug/kg (4D preg)	JRPFA4 8,225,64
2T17T81	scu-rat TDLo:5 mg/kg (1D post)	ACENA7 41,321,62
1T29	scu-mus TDLo:10870 ug/kg (4D preg)	JRPFA4 2,369,61
1T22	imp-mus TDLo:424 mg/kg (15D pre)	BIREBV 11,319,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE7643000 ERGOTAMAN-3',6',18-TRIONE, 12'-HYDROXY-2'-(1-METHYLETHYL)-5'-(PHENYLMETHYL)-, (5'-alpha)-, MONOMETHANESULFONATE (salt)
UPDT:8308 CAS: 57206-85-6 MW: 705.90 MOLFM: C35-H39-N5-O5 C-H4-O3-S
SYN: ERGOCRISTINE METHANESULFONATE * ERGOCRISTINE MONOMETHANESULFONATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:234 mg/kg	BAXXDU #2025960

KE7647000 ERGOTAMAN-3',6',18-TRIONE, 12'-HYDROXY-2'-METHYL-5'-(2-METHYLPROPYL)-, (5'-alpha)-, MONOMETHANESULFONATE (salt)
UPDT:8401 CAS: 2624-03-5 MW: 643.83 MOLFM: C30-H37-N5-O5 C-H4-O3-S
SYN: ERGOSINE METHANESULFONATE * alpha-ERGOSINE METHANESULFONATE * ERGOSINE MONOMETHANESULFONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:2525 ug/kg (4D preg)	JRPFA4 10,221,65

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:206 mg/kg	BAXXDU #2025960

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE7648000 ERGOTAMAN-3',6',18-TRIONE, 12'-HYDROXY-2'-METHYL-5'-(2-METHYLPROPYL)-, (5'-alpha,8-alpha)-, MONOMETHANESULFONATE (salt)
UPDT:8308 CAS: 74137-67-0 MW: 643.83 MOLFM: C30-H37-N5-O5 C-H4-O3-S
SYN: ERGOSININE METHANESULFONATE * ERGOSININE MONOMETHANESULFONATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:245 mg/kg	BAXXDU #2025960

ERGOTAMINE BITARTRATE see: KE8225000

KE8225000 ERGOTAMINE TARTRATE
UPDT:8403 CAS: 379-79-3 MW: 1313.56 MOLFM: C66-H70-N10-O10 C4-H6-O6
SYN: ERGAM * ERGATE * ERGOMAR * ERGOSTAT * ERGOTAMINE BITARTRATE * ERGOTARTRATE * ETIN * EXMIGRA * FEMERGIN * GOTAMINE TARTRATE * GYNERGEN * LINGRAINE * LINGRAN * NEO-ERGOTIN * RIGETAMIN * SECAGYN * SECUPAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T24T25T34	orl-rat TDLo:100 mg/kg (6-15D preg)	TJADAB 7,227,73
1T46	orl-rat TDLo:100 mg/kg (6-15D preg)	TJADAB 7,227,73
2T31T34	orl-rat TDLo:60 mg/kg (5-16D preg)	RCOCB8 7,701,74
1T29	ipr-rat TDLo:10 mg/kg (1D pre)	PSEBAA 144,960,73
1T81	scu-rat TDLo:100 mg/kg (5D post)	ENDOAO 90,285,72
3T34T19U01	orl-mus TDLo:300 mg/kg (6-15D preg)	TJADAB 7,227,73
2T25T46	orl-mus TDLo:1 gm/kg (6-15D preg)	TJADAB 7,227,73
2T24T25	orl-rbt TDLo:13 mg/kg (6-18D preg)	TJADAB 7,227,73

TOXICITY DATA AND REFERENCES:

3F08F12K13	orl-hmn TDLo:3700 ug/kg/26W-I	HEADAE 18,95,78
	orl-rat LDLo:1 mg/kg	TJADAB 7,227,73
	ivn-rat LD50:80 mg/kg	BSAMA5 2,1,46
	orl-mus LDLo:300 mg/kg	TJADAB 7,227,73
*	ipr-mus LD50:412 mg/kg	BAXXDU #2025960
	ivn-mus LD50:62 mg/kg	BSAMA5 2,1,46
	scu-cat LD50:11 mg/kg	BSAMA5 2,1,46
	orl-rbt LDLo:1 mg/kg	TJADAB 7,227,73
*	ivn-rbt LD50:3600 ug/kg	85ESA3 9,479,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE8250000 ERGOTAMIN-3',6',18-TRIONE, 2-BROMO-12'-HYDROXY-2'-(1-METHYLETHYL)-5'-alpha-(2-METHYLPROPYL)-
UPDT:8408 CAS: 25614-03-3 MW: 654.68 MOLFM: C32-H40-Br-N5-O5
SYN: BROMOCRIPTINE * BROMOERGOCRIPTINE * BROMOERGOCRYPTINE * 2-BROMOERGOCRYPTINE * 2-BROMO-alpha-ERGOCRYPTINE * 2-BROMO-alpha-ERGOKRYPTIN * 2-BROMO-alpha-ERGOKRYPTINE * 2-BROMO-12'-HYDROXY-2'-(1-METHYLETHYL)-5'-alpha-(2-METHYLPROPYL)ERGOTAMIN-3',6',18-TRIONE * CB-154

MUTATION DATA AND REFERENCES:

	oms-hmn:lym 100 umol/L	MUREAV 117,163,83
	dni-rat-ipr 4 mg/kg	CNREA8 36,2223,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T49	unk-wmn TDLo:21700 ug/kg (28W pre/1-21D preg)	BCPHBM 5,227,78
1T46	unk-wmn TDLo:3500 ug/kg (14D pre/1-21D preg)	BCPHBM 5,227,78
1T53	unk-wmn TDLo:11900 ug/kg (77D pre/1-42D preg)	BCPHBM 5,227,78
1T43	unk-wmn TDLo:11200 ug/kg (44D pre/1-12D preg)	BCPHBM 5,227,78
1T45	unk-wmn TDLo:2800 ug/kg (24-52D preg)	BCPHBM 5,227,78
1T29	scu-rat TDLo:1950 ug/kg (5-15D preg)	USXXAM #3752814
1T17	scu-rat TDLo:5100 ug/kg (3D post)	USXXAM #3752814
2T31T34	ims-rat TDLo:8125 ug/kg (6-18D preg)	ARCGDG 233,31,82
2T76T81	scu-mus TDLo:84 mg/kg (21D post)	EXPEAM 30,1353,74
1T22	scu-mus TDLo:200 mg/kg (50D pre)	EXPEAM 30,1353,74
1T16	scu-mus TDLo:212 mg/kg (32D pre/21D preg)	EXPEAM 30,1353,74
1T03	scu-mus TDLo:4 mg/kg (10D male)	BIREBV 11,319,74
2T34T39	scu-rbt TDLo:8 mg/kg (27-30D preg)	PEREBL 15,183,81
1T02	scu-ctl TDLo:400 ug/kg (50D male)	BIREBV 22,781,80
2T03T09	scu-dom TDLo:3 mg/kg (84D male)	BIREBV 17,192,77

TUMORIGENIC DATA AND REFERENCES:

2V01164	orl-rat TDLo:7 gm/kg/2Y-C	BMJOAE 2,1605,77

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:72 mg/kg	DRUGAY 17,313,79
*	ivn-rbt LD50:12 mg/kg	USXXAM #3752814

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ERGOTARTRATE see: KE8225000
ERGOTERM OTGO see: XQ2975000
ERGOTERM TGO see: AG5975000
ERGOTIDINE see: MS1050000
ERGOTOCINE see: KE5075000

KE8800000 ERGOTOXINE, DIHYDRO-, METHANESULFONATE
UPDT:8112 CAS: 8067-24-1
SYN: CCK 179 * CIRCANOL * CO-DERGOCRINE MESYLATE * DIHYDROERGOTOXINE MESYLATE * DIHYDROERGOTOXINE METHANESULFONATE * DIHYDROERGOTOXINE METHANESULPHONATE * DIHYDROERGOTOXIN MESYLATE * DIHYDROERGOTOXIN METHANESULFONATE * ERGOTOXINE DIHYDRO-, MONOMETHANESULFONATE (SALT) (9CI) * HYDERGIN * HYDERGINE * ISCHELIUM * REDERGIN

MUTATION DATA AND REFERENCES:

	dlt-mus-ipr 100 mg/kg	MUREAV 50,317,78

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	NIIRDN 6,329,82

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

ERGOTOXINE, DIHYDRO-, MONOMETHANESULFONATE (SALT) (9CI) see: KE8800000
ERGOTOXINE ETHANESULFONATE see: KE8815000
ERGOTOXINE ETHANESULPHONATE see: KE8815000
ERGOTOXINE ETHANSULFONATE see: KE8815000

KE8815000 ERGOTOXINE, MONOETHANESULFONATE (SALT)
UPDT:8402 CAS: 8047-28-7
SYN: ECBOLINE ETHANESULFONATE * ERGOTOXINE ETHANESULFONATE * ERGOTOXINE ETHANESULPHONATE * ERGOTOXINE ETHANSULFONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81	ipr-rat TDLo:10 mg/kg (12-21D preg)	AJPHAP 180,296,55
1T14	scu-rat TDLo:5 mg/kg (1D pre)	AJPHAP 180,47,55
1T29	scu-rat TDLo:1250 ug/kg (5D preg)	AJPHAP 180,47,55
1T29	scu-rat TDLo:1250 ug/kg (1D pre)	AJPHAP 179,301,54
1T29	orl-mus TDLo:30 mg/kg (3-5D preg)	JRPFA4 18,81,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ERGOTRATE see: KE5075000
ERGOTRATE see: KE5250000
ERGOTRATE MALEATE see: KE5250000

KE9105000 ERGOT SCLEROTIA
DEF:SCLEROTIA of CLAVICEPS FUSIFORMIS (JRPFA4 18,81,69)
UPDT:8310

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-mus TDLo:48 gm/kg (20D pre)	JRPFA4 18,81,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KE9125000 ERGOVALINE, METHANESULFONATE
UPDT:8401 MW: 533.69 MOLFM: C29-H35-N5-O5
SYN: ERGOVALINE METHANESULPHONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:4725 ug/kg (4D preg)	JRPFA4 10,221,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ERGOVALINE METHANESULPHONATE see: KE9125000
ERIAMYCIN see: KE9150000
ERIBUTAZONE see: UQ8225000

KE9150000 ERICAMYCIN
UPDT:8308 CAS: 11052-01-0 MW: 537.55 MOLFM: C31-H23-N-O8
SYN: ERIAMYCIN

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:50 mg/kg	85GDA2 3,372,80
*	ipr-mus LD50:500 ug/kg	85ERAY 1,164,78
*	scu-mus LD50:2 mg/kg	85GDA2 3,372,80

ERIDAN see: DF1575000
ERIE BENZO 4BP see: QK1765000
ERIE BLACK B see: QJ6160000
ERIE BLACK BF see: QJ6160000
ERIE BLACK GAC see: QJ6160000
ERIE BLACK GXOO see: QJ6160000
ERIE BLACK JET see: QJ6160000
ERIE BLACK NUG see: QJ6160000
ERIE BLACK RXOO see: QJ6160000
ERIE BRILLIANT BLACK S see: QJ6160000
ERIE CONGO 4B see: QK1400000
ERIE FIBRE BLACK VP see: QJ6160000
ERIE GREEN WT see: QJ6195050
ERIE RED 4B see: QK1765000
ERIE SCARLET 3B see: QJ6476000
ERIE VIOLET 3R see: QK1420000
ERIE YELLOW F see: GD0197800
ERIE YELLOW FP see: GD0197800
ERIE YELLOW 2RF see: GD0197800

BEST COPY AVAILABLE

ERIE YELLOW SR see: GD0197800

KE9435500 ERIGERON ASTEROIDES Roxb., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:62500 ug/kg IJEBA6 18,594,80

KE9435600 ERIGERON BONARENSIS, extract excluding roots
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

KE9436000 ERIGERON CANADENSIS Linn., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 15,208,77)
UPDT:8408
SYN: JARAUPRIYA, extract
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:188 mg/kg IJEBA6 15,208,77
ERINA see: TZ0175000
ERINIT see: RZ2620000
ERINITRIT see: RA1225000

KE9560000 ERIOBOTRYA JAPONICA (Thunb.) Lindl., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: LOKAT, extract
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77
ERIO BRILLIANT BLUE V see: BP6830000
ERIOCARPIN see: FH5280000

KE9585000 ERIOCAULON BROWNIANUM Mart. var. NILAGIRENSE Fyson., extract
DEF:Indian plant belonging to the family ERIOCAULACEAE (IJEBA6 12,512,74)
UPDT:8307
SYN: GOP EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74
ERIOCHROME BLUE BLACK see: QK2195000
ERIOCHROME BLUE BLACK B see: QK2195000
ERIOCHROME BLUE BLACK 2B see: QK2195000
ERIOCHROME BLUE BLACK BC see: QK2195000
ERIOCHROME BLUE BLACK 2BP see: QK2195000
ERIOCHROME BLUE BLACK BSS see: QK2195000
ERIOCHROME BLUE BLACK 2G see: QK2195000
ERIOCHROME ORANGE AOR see: VO5310000
ERIO FAST ORANGE AS see: QJ6500000
ERIO FAST YELLOW AE see: DB5042500
ERIO FAST YELLOW AEN see: DB5042500
ERIO FAST YELLOW RL see: DV3910000
ERIO FLOXINE 2G see: QJ6030000
ERIO FLOXINE 2GN see: QJ6030000
ERIOGLAUCINE see: BP6830000
ERIOGLAUCINE see: BQ4550000
ERIOGLAUCINE A see: BQ4550000
ERIOGLAUCINE E see: BQ4550000
ERIOGLAUCINE G see: BQ4725000
ERIOGLAUCINE SUPRA see: BP6830000

KE9898000 ERIOGLOSSUM RUBIGINOSUM Bl., extract excluding roots
DEF:Indian plant belonging to the family SAPINDACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: MAHANGAKOLI EXTRACT
TOXICITY DATA AND REFERENCES:
3J30M10U26 ipr-mus LD50:20 mg/kg IJEBA6 12,512,74

KE9898500 ERIOGLOSSUM RUBIGINOSUM Blume, stem bark extract
DEF:Indian plant belonging to the family SAPINDACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: RITHA STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 11,43,73
ERIO GREEN S see: BQ1150000

KE9950000 ERIOLAENA QUINQUELOCULARIS Wight, extract excluding roots
DEF:Indian plant belonging to the family STERCULACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: NARUBOTUKU, extract
TOXICITY DATA AND REFERENCES:
3H30M10U26 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77
ERION see: AR7700000
ERION see: AR7875000

KF0115000 ERIONITE
UPDT:8411 CAS: 12510-42-8
TUMORIGENIC DATA AND REFERENCES:
2V03V10 ipl-rat TDLo:100 mg/kg ENVRAL 29,238,82
2V03V10 ipr-mus TDLo:20 mg/kg PAACA3 24,61,83
2V03K60 ipr-mus TD :400 mg/kg ENVRAL 27,433,82
2V03V10 ipl-rat TD :125 mg/kg ENVRAL 29,238,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ERIONYL RED RS see: QJ6475500
ERIONYL YELLOW E-AEN see: DB5042500
ERIO ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT

KF0170000 ERIOPHORUM COMOSUM Nees, extract
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
ERIO RUBINE B see: QK1925000
ERIOSIN RHODAMINE B see: BP3675000
ERIOSIN VIOLET 3B see: BQ1140000
ERIOSKY BLUE see: BQ4530000
ERIO TARTRAZINE see: UQ6400000
EPISIMIN DIHYDRATE see: HY6117000
ERISPAN see: DF2370305
ERISTICAPHIS MACMAHONI VENOM see: YX4364000
ERITRONE see: GG3750000
ERITROXILINA see: YM2800000
ERIZIMIN see: MH7440000
ERL 436 see: AB7243300
ERL-2774 see: TX3800000
ERLA-2270 see: RN8640000
ERLA-2271 see: RN8640000
ERMALONE see: BV8058500
ERMALONE see: BV8060050
ERMETRINE see: KE5075000
EROINA see: QC8050000
ERR 4205 see: RN9100000
ERR 4205 mixed with ARALDITE 6010 (1:1) see: RN9110000
ERR 4205 mixed with EPI-REZ 508 (1:1) see: RN9110000
ERR 4205 mixed with EPON 828 (1:1) see: RN9110000
ERROLON see: CB2625000
ERSERINE see: TJ2100000
ERTALON 6SA see: TQ9800000
ERTILEN see: AB6825000
ERTRON see: KE1050000
ERTUBAN see: NS1750000

KF1242000 ERVATAMIA CORONARIA Stapf., leaf extract
DEF:Indian plant belonging to the family APOCYNACEAE (IJEBA6 6,232,68)
UPDT:8305
SYN: CHANDNI LEAF EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:700 mg/kg IJEBA6 6,232,68

KF1252000 ERVATAMIA HEYNEANA Cooke, extract excluding roots
DEF:Indian plant belonging to the family APOCYNACEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: NAGAL KUDA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

KF1290000 ERYCIBE PANICULATA Roxb., extract excluding roots
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: KARI EXTRACT
TOXICITY DATA AND REFERENCES:
3H30J30M10 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74
ERYCIN see: KF4375000
ERYCYTOL see: GG3750000

KF1326500 ERYNGIUM BILLARDIERI Delar., extract excluding roots
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

KF1326600 ERYNGIUM BILLARDIERI Delar., root extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2F07Y55 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78
ERYPAR see: KF5790000
ERYSAN see: QM2450000
ERYSIMIN see: MH7440000
ERYSIMIN DIHYDRATE see: HY6117000

KF1360000 ERYSIMOSIDE
UPDT:8408 CAS: 7082-34-0 MW: 696.87 MOLFM: C35-H52-O14
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:140 ug/kg ARZNAD 22,1854,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,191,83
ERYSIMOTOXIN see: MH7440000
ERYSIMUPICRONE see: FH5425000
ERYSIMUPIKRON see: FH5425000
ERYSIPAN see: WO8400000
ERYTHRENE see: EI9275000

KF1959000 ERYTHRINA VARIEGATA Linn. var. PARCELLII Hort., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2M1CV30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

KF1960000 ERYTHRINA VARIEGATA L. var. ORIENTALIS, total alkaloid extract
DEF:Isolated from the trunk bark of ERYTHRINA VARIEGATA (JPMSAE 61,1274,72)
UPDT:8312
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:128 mg/kg JPMSAE 61,1274,72
ERYTHRITE see: KF2000000

KF2000000 ERYTHRITOL
UPDT:8403 CAS: 149-32-6 MW: 122.14 MOLFM: C4-H10-O4
SYN: ANTIERYTHRITE * 1,2,3,4-BUTANETETROL * ERYTHRITE * ERYTHRITOL, meso- * meso-ERYTHRITOL * L-ERYTHRITOL * ERYTHROGLUCIN * ERYTHROL * PAYCITE * PHYCITOL * TETRAHYDROXYBUTANE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:7000 mg/kg PSEBAA 35,98,36
* ivn-dog LDLo:5 gm/kg MEIEDD 10,530,83
ERYTHRITOL, meso- see: KF2000000
meso-ERYTHRITOL see: KF2000000
L-ERYTHRITOL see: KF2000000
ERYTHRITOL ANHYDRIDE see: EJ8750000
ERYTHRITOL ANHYDRIDE see: EJ8225000
ERYTHRITOL, 1,2:3,4-DIANHYDRO- see: EJ8750000

KF2305000 ERYTHRITOL, 1,4-DIDEOXY-1,4-BIS((2-HYDROXYETHYL)AMINO)-, 1,4-DIMETHANESULFONATE (ester), meso-
UPDT:8402 CAS: 4148-16-7 MW: 364.48 MOLFM: C10-H24-N2-O8-S2
SYN: 3,14-DIOXA-2,15-DITHIA-6,11-DIAZAHEXADECANE-8,9-DIOL, 2,2,15,15-TETRAOXIDE, (R*,S*)- (9CI) * LYCURIM * LYKURIM * 1,4-(METHYLSULFONYLOXYETHYLAMINO)-1,4-DIDEOXY-ERYTHRIOLDIMETHYLSULFONATE * RITROSULFAN
MUTATION DATA AND REFERENCES:
mma-sat 10 mg/plate CNREA8 43,4530,83
mma-sat 10 mg/plate CNREA8 43,4530,83
sce-ham:oth 1300 ng/L CNREA8 43,4530,83

KF2410000 ERYTHRITOL, 1,4-DITHIO-
UPDT:8401 CAS: 6892-68-8 MW: 154.26 MOLFM: C4-H10-O2-S2
SYN: 2,3-BUTANEDIOL, 1,4-DIMERCAPTO-, (R*,S*)- (9CI) * DITHIOERYTHRITOL * 1,4-DITHIOERYTHRITOL * DTE
MUTATION DATA AND REFERENCES:
cyt-hmn:lym 100 umol/L HEREAY 91,105,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ERYTHROCIN see: KF4375000
ERYTHROCIN STEARATE see: KF5790000
ERYTHROGLUCIN see: KF2000000
ERYTHROGRAN see: KF4375000
ERYTHROGUENT see: KF4375000

KF3050000 beta-ERYTHROIDINE
UPDT:8403 CAS: 466-81-9 MW: 273.36 MOLFM: C16-H19-N-O3
SYN: 12,13-DIDEHYDRO-13,14-DIHYDRO-alpha-ERYTHROIDINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:24 mg/kg JPETAB 93,367,48
* ivn-rbt LD50:8600 ug/kg 85ESA3 9,482,75
ERYTHROL see: KF2000000

BEST COPY AVAILABLE

KF4375000 ERYTHROMYCIN
UPDT 8312 CAS: 114-07-8 MW: 734.01 MOLFM: C37-H67-N-O13
SYN: ACTHROMYCIN * EM * E-MYCIN * ERIDN * ERYTHROCIN * ERYTHROGRAN * ERYTHROGUENT * ERYTHROMYCIN A * ILOTYCIN * PANTOMICINA * PROPOCINE * ROBIMYCIN

MUTATION DATA AND REFERENCES:
dmi-esc 20 uL/disc MUREAV 97,1,82
mrc-smc 1 gm/L MUREAV 12,357,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:6 gm/kg (10-15D preg) JJANAX 25,187,72
3T26T34T35 scu-rat TDLo:50 mg/kg (6-10D preg) OSDIAF 14,107,65
1T34 orl-mus TDLo:12 gm/kg (8-13D preg) JJANAX 25,193,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:927+ mg/kg AMPMAR 39,259,78
scu-rat LDLo:427 mg/kg CLDND*
ivn-rat LD50:209 mg/kg ARZNAD 8,386,58
* orl-mus LD50:3112 mg/kg NIIRDN 6,126,82
ipr-mus LD50:462 mg/kg ARZNAD 20,1751,70
* scu-mus LD50:1800 mg/kg ANTCAO 2,281,52
* ivn-mus LD50:426 mg/kg BSFZAT -,273,67
ims-mus LD50:394 mg/kg JAPMAB 44,199,55
ipr-gpg LD50:413 mg/kg JAPMAB 41,555,52
3F07T12J25 orl-hom LD50:3018 mg/kg JAPMAB 41,555,52

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ERYTHROMYCIN A see: KF4375000

KF4580000 ERYTHROMYCIN, 9-(((4-(ACETYLAMINO)PHENYL)SULFONYL)AMINO)-9-DEOXO-, (9S)-
UPDT 8311 CAS: 57049-08-6 MW: 932.21 MOLFM: C45-H77-N3-O15-S
SYN: N-(4-ACETYLAMINOBENZENESULFONYL)ERYTHROMYCYLAMINE * (9S)-9-((4-(ACETYLAMINO)PHENYL)SULFONYL)AMINO)-9-DEOXO-ERYTHROMYCIN

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:121 mg/kg EJMCA5 13,83,78
* ivn-mus LD50:69 mg/kg EJMCA5 13,83,78

KF4590000 ERYTHROMYCIN, 9-AMINO-9-DEOXO-, stereoisomer
UPDT 8311 CAS: 26116-36-3 MW: 735.09 MOLFM: C37-H73-N2-O12
SYN: 9-AMINO-9-DEOXO-ERYTHROMYCIN *stereoisomer* * (9R)ERYTHROMYCIN-9-AMINE * 9-EPIERYTHROMYCYLAMINE * ERYTHROMYCIN, 9-AMINO-9-DEOXO-, (9S)- (9CI) * ERYTHROMYCYLAMINE * (9S)-ERYTHROMYCYLAMINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:120 mg/kg EJMCA5 13,83,78
* ivn-mus LD50:57500 ug/kg EJMCA5 13,83,78
ERYTHROMYCIN, 9-AMINO-9-DEOXO-, (9S)-, (9CI) see: KF4590000

KF4635000 ERYTHROMYCIN, 9-(((4-BROMOPHENYL)SULFONYL)AMINO)-9-DEOXO-, (9S)-
UPDT 8311 CAS: 56998-48-2 MW: 954.15 MOLFM: C43-H73-Br-N2-O14-S
SYN: N-(4-BROMOBENZENESULFONYL)ERYTHROMYCYLAMINE * (9S)-9-((4-BROMOPHENYL)SULFONYL)AMINO)-9-DEOXO-ERYTHROMYCIN

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg EJMCA5 13,83,78
* ivn-mus LD50:44200 ug/kg EJMCA5 13,83,78

KF4660000 ERYTHROMYCIN, 9-(((4-CHLOROPHENYL)SULFONYL)AMINO)-9-DEOXO-, (9S)-
UPDT 8311 CAS: 56998-45-9 MW: 909.69 MOLFM: C43-H73-Cl-N2-O14-S
SYN: N-(4-CHLOROBENZENESULFONYL)ERYTHROMYCYLAMINE * (9S)-9-((4-CHLOROPHENYL)SULFONYL)AMINO)-9-DEOXO-ERYTHROMYCIN

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg EJMCA5 13,83,78
* ivn-mus LD50:59 mg/kg EJMCA5 13,83,78

KF4680000 ERYTHROMYCIN, 9-DEOXO-9-(((4-ETHYLPHENYL)SULFONYL)AMINO)-, (9S)-
UPDT 8311 CAS: 61089-07-8 MW: 903.21 MOLFM: C45-H78-N2-O14-S
SYN: (9S)-9-DEOXO-9-(((4-ETHYLPHENYL)SULFONYL)AMINO)ERYTHROMYCIN * N-(4-ETHYLBENZENESULFONYL)ERYTHROMYCYLAMINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:83 mg/kg EJMCA5 13,83,78
* ivn-mus LD50:56100 ug/kg EJMCA5 13,83,78

KF4680200 ERYTHROMYCIN, 9-DEOXO-9-(((4-FLUOROPHENYL)SULFONYL)AMINO)-, (9S)-
UPDT 8311 CAS: 61066-20-4 MW: 893.24 MOLFM: C42-H73-F-N2-O14-S
SYN: (9S)-9-DEOXO-9-(((4-FLUOROPHENYL)SULFONYL)AMINO)ERYTHROMYCIN * N-(4-FLUOROBENZENESULFONYL)ERYTHROMYCYLAMINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:121 mg/kg EJMCA5 13,83,78
* ivn-mus LD50:103 mg/kg EJMCA5 13,83,78

KF4680400 ERYTHROMYCIN, 9-DEOXO-9-(((4-IODOPHENYL)SULFONYL)AMINO)-, (9S)-
UPDT 8311 CAS: 61066-19-1 MW: 1001.14 MOLFM: C43-H73-I-N2-O14-S
SYN: (9S)-9-DEOXO-9-(((4-IODOPHENYL)SULFONYL)AMINO)ERYTHROMYCIN * N-(4-IODOBENZENESULFONYL)ERYTHROMYCYLAMINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:114 mg/kg EJMCA5 13,83,78
* ivn-mus LD50:50 mg/kg EJMCA5 13,83,78

KF4680600 ERYTHROMYCIN, 9-DEOXO-9-(((2-METHYLPHENYL)SULFONYL)AMINO)-, (9S)-
UPDT 8311 CAS: 61066-22-6 MW: 889.28 MOLFM: C44-H76-N2-O14-S
SYN: (9S)-9-DEOXO-9-(((2-METHYLPHENYL)SULFONYL)AMINO)ERYTHROMYCIN * N-(2-METHYLBENZENESULFONYL)ERYTHROMYCYLAMINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:108 mg/kg EJMCA5 13,83,78
* ivn-mus LD50:77500 ug/kg EJMCA5 13,83,78

KF4680610 ERYTHROMYCIN, 9-DEOXO-9-(((4-METHYLPHENYL)SULFONYL)AMINO)-, (9S)-
UPDT 8311 CAS: 56998-46-0 MW: 889.28 MOLFM: C44-H76-N2-O14-S
SYN: (9S)-9-DEOXO-9-(((4-METHYLPHENYL)SULFONYL)AMINO)ERYTHROMYCIN * N-(4-METHYLBENZENESULFONYL)ERYTHROMYCYLAMINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:118 mg/kg EJMCA5 13,83,78
* ivn-mus LD50:63900 ug/kg EJMCA5 13,83,78

KF4680800 ERYTHROMYCIN, 9-DEOXO-9-(((4-((1-OXOPROPYL)AMINO)PHENYL)SULFONYL)AMINO)-, (9S)-
UPDT 8311 CAS: 61066-21-5 MW: 946.26 MOLFM: C46-H75-N3-O15-S
SYN: (9S)-9-DEOXO-9-(((4-(((1-OXOPROPYL)AMINO)PHENYL)SULFONYL)AMINO)ERYTHROMYCIN * N-(4-PROPIONYLAMINOBENZENESULFONYL)ERYTHROMYCYLAMINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:113 mg/kg EJMCA5 13,83,78
* ivn-mus LD50:62500 ug/kg EJMCA5 13,83,78
ERYTHROMYCIN OCTADECANOATE (salt) see: KF5790000

KF5790000 ERYTHROMYCIN, STEARATE (salt)
UPDT 8412 CAS: 643-22-1 MW: 1018.59 MOLFM: C37-H67-N-O13 · C18-H36-O2
SYN: ABISTAMICIN * GLOMYCIN E * ERIPAR * ETHRIL * ERYTHROCIN STEARATE * ERYTHROMYCIN OCTADECANOATE (salt) * ERYTHROMYCIN STEARIC ACID SALT * GALLIMYCIN * NOVOMYCETIN * PHARMACIN * STEARATE * GLOMYCIN * SK-ERYTHROMYCIN

STATUS:
NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984

ERYTHROMYCIN STEARIC ACID SALT see: KF5790000
ERYTHROMYCYCLAMINE see: KF4590000
9(S)-ERYTHROMYCYLAMINE see: KF4590000
ERYTHROPHLEINE see: SF7325000
ERYTHROSIN B see: LM5950000
ERYTHROSINE see: LM5950000
ERYTHROSINE B see: LM5950000
ERYTHROSINE 3B see: LM5950000
ERYTHROSINE B (BIOLOGICAL STAIN) see: LM5950000
ERYTHROSINE B-FO (BIOLOGICAL STAIN) see: LM5950000
ERYTHROSINE BLUISH see: LM5950000
ERYTHROSINE BLUISH (BIOLOGICAL STAIN) see: LM5950000
ERYTHROSINE BS see: LM5950000
ERYTHROSINE EXTRA BLUISH see: LM5950000
ERYTHROSINE EXTRA CONC. A EXPORT see: LM5950000
ERYTHROSINE EXTRA PURE A see: LM5950000
ERYTHROSINE (INDICATOR) see: LM5950000
ERYTHROSINE K-FO (BIOLOGICAL STAIN) see: LM5950000
ERYTHROSINE LAKE see: LM5950000
ERYTHROSINE TB see: LM5950000
ERYTHROSINE TB EXTRA see: LM5950000
ERYTHROTIN see: GG3750000
ERYTROXYLIN see: YM2800000
ERTHROXYLON COCA EXTRACT see: GG4855000
ES685 see: UB0350000
ESACLOROBENZENE (Italian) see: DA2975000
ESAIDRO-1,3,5-TRINITRO-1,3,5-TRIAZINA (Italian) see: KY9450000
ESAMETILENTETRAMINA (Italian) see: MN4725000
ESAMETINA see: BQ8575000
ESANI (Italian) see: MN9275000
ESANITRODIFENILAMINA (Italian) see: JJ9275000
ESANTENE see: NM7535400
ESAPROPIMATO see: FD1150000
ESAT see: WM343C400
ESBATAL see: ME8575000
ESBECYTHRIN see: GZ1240000
ESBIOL see: GZ1472000
ESBIOL CONCENTRATE 90% see: GZ1472000
ESBRITE see: WL6475000
ESBRITE 2 see: WL6475000
ESBRITE 4 see: WL6475000
ESBRITE 8 see: WL6475000
ESBRITE 4-62 see: WL6475000
ESBRITE G 10 see: WL6475000
ESBRITE G-P 2 see: WL6475000
ESBRITE 300HM see: WL6475000
ESBRITE LBL see: WL6475000
ESCAMBIA 2160 see: KV0350000
ESCAMBIA 2300 see: KV0350000
ESCASPERE see: ZG0350000
ESCHERICHIA COLI LIPOPOLYSACCHARIDE see: QJ0895400
ESCHOLINE CHLORIDE see: CE0970000

KF6296000 ESCIN
UPDT 8302 CAS: 6805-41-0 MW: 1101.28 MOLFM: C54-H84-O23
SYN: AESCIN (German) * AESCUSAN * REPARIL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:833 mg/kg NIIRDN 6,APP-2,82
ipr-rat LD50:17 mg/kg ARZNAD 27,1465,77
* scu-rat LD50:150 mg/kg NIIRDN 6,APP-2,82
* ivn-rat LD50:2400 ug/kg NIIRDN 6,APP-2,82
* orl-mus LD50:165 mg/kg NIIRDN 6,APP-2,82
* ipr-mus LD50:6700 ug/kg NIIRDN 6,APP-2,82
* scu-mus LD50:45800 ug/kg NIIRDN 6,APP-2,82
* ivn-mus LD50:4800 ug/kg NIIRDN 6,APP-2,82

ESCLAMA see: QE7400000
ESCON 622 see: UD1842000
ESCON CD 44A see: UD1842000
ESCON EX 375 see: UD1842000
ESCOPARONE see: GN6550000
ESCOREZ 7404 see: WL6475000
ESCORPAL see: FA4440000
ESCORPAL see: FA4439000
ESCULETIN DIMETHYL ETHER see: GN6550000
ESDRAGOL see: BZ8225000
ESDRAGON see: BZ8225000
ESELIN see: DB6145000
ESEN see: TQ3150000
ESERINE see: TJ2100000
ESERINE SULFATE see: UY8585000
ESERINE SULPHATE see: UY8585000
ESEROLEIN, METHYLCARBAMATE (ester) see: TJ2100000
ESERPINE see: ZG0350000
ESFAR see: UE8850000
ESFAR see: UE8860000
ESGRAM see: DW2275000
ESICLENE see: BV7985000
ESIDREX see: DK9100000
ESIDRIX see: DK9100000
ESILGAN see: XZ5473500
ESJAYDIOL see: BV8100000
ESKABARB see: CQ6825000
ESKACILLIN see: XH9450000
ESKACILLIN see: XH9700000
ESKADIAZINE see: WP1925000
ESKALIN V see: ZA4870000
ESKALITH see: OJ5800000
ESKAPEN see: KI7350000
ESKAPHEN see: KI7350000
ESKASERP see: ZG0350000
ESKAZINE see: SP1750000
ESKAZINE DIHYDROCHLORIDE see: SP1750000
ESKEL see: LV1050000
ESKIMON 11 see: PB6125000
ESKIMON 12 see: PA8200000
ESKIMON 22 see: PA6390000
ESLEC C see: AK0950000
ESMAIL see: DE9070000
ESMARIN see: DK8925000
ESNIL P 18 see: AK0920000

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

ESOBARBITALE (Italian) see: CQ2625000
E 39 SOLUBLE see: DK3325000
ESOMID CHLORIDE see: BQ8650000
ESOPHOTRAST see: CR0600000
ESOPIN see: MS9000000
ESORB see: DJ2900000
ESP see: TG1575000
ESPARIN see: SQ7000000
ESPENAL see: JO1225000
ESPERAL see: JO1225000
ESPERAN see: TN4750000
ESPERFOAM FR see: EL9450000
ESPEROX see: SE0750000
ESPEROX 10 see: SD9450000
ESPEROX 25 see: ON4770000
ESPEROX 41-40 see: ON4770000
ESPEROX 24M see: SE0560000
ESPEROX 31M see: SE0950000
ESPEROX 31M see: SE0952000
ESPEROX 33M see: SE0750000
ESPHYGMOGENINA see: DO2625000
ESPINOMYCIN A see: OH4730600
ESPIRAN see: RQ0375000
ESPRIL see: NS1225000
ESQUINON see: DK3400000
ESSENCE of MIRBANE see: DA6475000
ESSENCE of MYRBANE see: DA6475000
ESSENCE of NIOBE see: DH0200000
ESSENCE OF NIOBE see: DH3850000
ESSENCE of ROSE see: VL0457000
ESSENTIAL OIL see: GN1775000
ESSENTIAL OIL of ACORUS CALAMUS Linn. see: AR6007500
ESSENTIAL OIL of ALPINIA GALANGA Willd. see: BC9486900
ESSENTIAL OIL FROM MYRTLE see: RI7900000
ESSENTIAL OIL OF CYMBOPOGON NARDUS see: GE8750000 CITRONELLA OIL
ESSENTIAL OIL of N. JATAMANSI see: RI8000000

KG0570000 ESSENTIAL PHOSPHOLIPIDS
DEF: Chemically defined as diglyceride esters of CHOLINE PHOSPHORIC ACID with a predominantcontent of unsaturated fatty acids (OYYAA2 3,43,69)
UPDT:8405
SYN: EPL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 ipr-rat TDLo:70 gm/kg (28D male) OYYAA2 3,45,69
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1840 mg/kg OYYAA2 3,45,69
ipr-rat LD50:600 mg/kg OYYAA2 3,45,69
scu-rat LD50:1480 mg/kg OYYAA2 3,45,69
orl-mus LD50:1450 mg/kg OYYAA2 3,45,69
ipr-mus LD50:305 mg/kg OYYAA2 3,45,69
scu-mus LD50:2300 mg/kg OYYAA2 3,45,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESSEX 1360 see: WI0410000
ESSEX GUM 1360 see: WI0410000
ESSIGESTER (German) see: AM5425000
ESSIGSAEURE (German) see: AF1225000
ESSIGSAEUREANHYDRID (German) see: AK1925000
ESSIGSAEURE-(4-CHLOR-2-AETHYLPHENYLESTER) (German) see: SK4330000
ESSOFUNGICIDE 406 see: GW5075000
ESSO HERBICIDE 10 see: AG8050000
ESTABAL see: ME8575000
ESTABEX 5 see: EK6580000
ESTABEX U 18 see: JH4745000
ESTANE 5703 see: FA8400000
ESTAR see: GF8600000
ESTAR see: TR2725000
ESTASIL see: TZ0175000
ESTAZOLAM see: XZ5473500
ESTEED see: RC8925000
ESTER 25 see: TC2275000
ESTER del ACIDO BENCILICO del 1,1-DIMETIL-2-OXIMETIL-PIPERIDINIO-METILSULFATO (Spanish) see: TN5950070
ESTERCIDE T-2 and T-245 see: AJ8400000
ESTER D'ACIDE BENZILIQUE et du 1-METHYLSULFATE de 1,1-DIMETHYL-(2-HYDROXYMETHYL)PIPERIDINIUM see: TN5950070
ESTER DICARBAMIQUE du BUTYLISOBUTYLPROPANEDIOL-1,3 (French) see: TY3710000
ESTER DICARBAMIQUE du BUTYLISOPROPYLPROPANEDIOL-1,3 (French) see: TY3715000
ESTER DIETHYLAMINOETHYLIQUE de l'ACIDE BUTOXY-2 CHINOLYL-4 CARBAMIQUE CHLORHYDRATE (French) see: VB0895000
S-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: WM8400000
ESTERE DIETILAMINOETILICO dell Ac. 4-METIL-6-OSSIPIRIMIDIN-2-alpha-TIOISOBUTIRRICO (Italian) see: UV6309100
ESTERE DIETILAMMINOETILICO DELL'ACIDO DIFENILACRILICO (Italian) see: AS9080000
ESTERE DIMETILAMINOETILICO dell Ac. 4-METIL-6-OSSIPIRIMIDIN-2-alpha-TIOISOBUTIRRICO see: UV6309150
ESTERE ETILICO dell Ac. 4-METIL-6-OSSIPIRIMIDIN-2-alpha-TIOISOBUTIRRICO (Italian) see: UV6309200
ESTERE ETOSSIMETILICO dell' ACIDO N-(2,6-DICLORO-m-TOLIL)ANTRANILICO (Italian) see: CB2975100
ESTERE METILICO del ACIDO trao-(-)-2-(4-CICLOESILFENIL)-3-(4-BROMOFENIL)-3-IDROSSIPROPIONICO see: MU4425000
ESTERE METILICO del ACIDO trao-(+)-2-(4-CICLOESILFENIL)-3-(4-BROMOFENIL)-3-IDROSSIPROPIONICO see: MU4426000
ESTERE METILICO del ACIDO eritro-(-)-2-(4-CICLOESILFENIL)-3-FENIL-3-IDROSSIPROPIONICO see: MU4428600
ESTERE METILICO del ACIDO trao-(-)-2-(4-CICLOESILFENIL)-3-FENIL-3-IDROSSIPROPIONICO see: MU4428700
ESTERE METILICO del ACIDO trao-(+)-2-(4-CICLOESILFENIL)-3-FENIL-3-IDROSSIPROPIONICO see: MU4428750
ESTERE METILICO del ACIDO (-)-2-(4-CICLOESILFENIL)-3-IDROSSIISOVALERIANICO (Italian) see: ES8930000
ESTERE METILICO del ACIDO (+)-2-(4-CICLOESILFENIL)-3-IDROSSIISOVALERIANICO (Italian) see: ES8931000
ESTERE METILICO del ACIDO eritro-(-)-2-(4-CICLOESILFENIL)-3-(4-TOLIL)-3-IDROSSIPROPIONICO see: MU4428800
ESTERE METILICO del ACIDO eritro-(+)-2-(4-CICLOESILFENIL)-3-(4-TOLIL)-3-IDROSSIPROPIONICO see: MU4428850
ESTERE METILICO del ACIDO trao-(-)-2-(4-CICLOESILFENIL)-3-(4-TOLIL)-3-IDROSSIPROPIONICO see: MU4428900
ESTERE METILICO del ACIDO trao-(+)-2-(4-CICLOESILFENIL)-3-(4-TOLIL)-3-IDROSSIPROPIONICO see: MU4428950
ESTER METHYLIQUE de la O-(ACETATE)-N-((CHLORO-2-ETHYL)NITROSOCARB see: VT9607000
ESTER METHYLIQUE de la O-(CHLOROACETATE)-N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-SERINE see: VT9608000
ESTER METHYLIQUE du N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-ALANYL-L-LEUCINE (French) see: OH2940000
ESTER METHYLIQUE de la N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-LEUCINE (French) see: OH2945000
ESTER METHYLIQUE de la N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-METHIONINE (French) see: PD0590000
ESTER METHYLIQUE de la N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-SERINE (French) see: VT9606000
ESTER METHYLIQUE de la N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-VALINE (French) see: YV9396000
ESTER METHYLIQUE de la O-(p-NITROBENZOATE)-N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-SERINE see: VT9609500
ESTER METYL. KWASU 2-(AMINO-p-CHLOROBENZYLIDENO)4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWEGO see: XJ1798000
ESTER METYL. KWASU 2-(AMINO-o-HYDROKSY-BENZYLIDENO)4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWEGO see: XJ1876000
ESTER METYL. KWASU 2-(AMINO-p-HYDROKSY-BENZYLIDENO)4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWEGO see: XJ1877000
ESTER METYL. KWASU 2-FTALIMIDO-4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWEGO (Polish) see: XJ1850000
ESTER METYL. KWASU 2-MALEINO-AMINO-4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWEGO (Polish) see: OM9375000
ESTER METYL. KWASU 2-SUKCYNYLO-AMINO-4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWEGO (Polish) see: WM3430000
ESTERON see: AG6825000
ESTERON see: AJ8400000
ESTERON 44 see: AG8750000
ESTERON 99 see: AG6825000
ESTERON 245 see: AJ8400000
ESTERON 76 BE see: AG6825000
ESTERON 245 BE see: AJ8400000
ESTERON BRUSH KILLER see: AJ8400000
ESTERON BRUSH KILLER see: AG6825000
ESTERON 99 CONCENTRATE see: AG6825000
ESTERONE see: KG8575000
ESTERONE FOUR see: AG6825000
ESTERGN 44 WEED KILLER see: AG6825000
ESTEROQUINONE LIGHT YELLOW 4JL see: AC3662000
ESTER SULFONATE see: DB5250000
ESTER TRIMETHOXY-3,4,5 BENZOIQUE de YOHIMBINE (French) see: ZG1039000
'ESTEVE' see: UQ8225000
ESTIGYN see: RC8925000
ESTILBEN see: WJ5775000
ESTILBEN see: WJ5600000
ESTILBIN see: WJ5775000
ESTILBIN 'MCO' see: WJ5600000
ESTIMULEX see: SH5075000
ESTINERVAL see: MV8750000
ESTINYL see: RC8925000
ESTOCIN see: AH2790000
ESTOCINE see: AH2790000
ESTOL 103 see: RT4900000
ESTOL 603 see: RG1925000
ESTOL 1550 see: TI1050000
ESTOMYCIN see: WK2315000
ESTON see: RC0948000
ESTON see: TG1575000
ESTONATE see: KJ3325000
ESTON-B see: KG4050000
ESTON-E see: RC8925000
ESTONE see: AG6825000
ESTONE YELLOW GN see: AC3662000
ESTONMITE see: DB5250000
ESTONOX see: XW5250000
ESTORAL see: RC8925000
ESTORAL (ORION) see: RC8925000
ESTORALS see: RC8925000
ESTOTSIN see: AH2790000
ESTOX see: TG1575000
ESTRACYT see: KG7350000
ESTRACYT HYDRATE see: KG7355000
ESTRADEP see: KG4600000

KG2910000 ESTRA-1,4-DIENE-3,17-DIONE, 10-HYDROXY-
UPDT:8401 MW: 286.40 MOLFM: C18-H22-O3
SYN: 10-HYDROXYESTRA-1,4-DIENE-3,17-DIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG2920000 ESTRA-1,4-DIEN-3-ONE, 10-beta-CHLORO-17-beta-HYDROXY-
UPDT:8401 MW: 306.86 MOLFM: C18-H23-Cl-O2
SYN: 10-beta-CHLORO-17-beta-HYDROXY-delta(sup 1,4)-ESTRADIENE-3-ONE * 10-beta-CHLORO-17-beta-HYDROXYESTRA-1,4-DIEN-3-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:1 mg/kg (1D pre) ACEDAB 73,3,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG2930000 ESTRA-1,4-DIEN-3-ONE, 10,19-DIHYDROXY-, 10-ACETATE
UPDT:8401 MW: 330.46 MOLFM: C20-H26-O4
SYN: 10,19-DIHYDROXYESTRA-1,4-DIEN-3-ONE 10-ACETATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG2975000 ESTRADIOL
UPDT:8411 CAS: 50-28-2 MW: 272.42 MOLFM: C18-H24-O2

BEST COPY AVAILABLE

SYN: ALTRAD * BARDIOL * DIHYDROFOLLICULAR HORMONE * DIHYDROFOLLICULIN * DIHYDROMENFORMON * DIHYDROTHEELIN * 3,17-beta-DIHYDROXYESTRA-1,3,5(10)-TRIENE * 3,17-beta-DIHYDROXY-1,3,5(10)-ESTRATRIENE * DIHYDROXYESTRIN * 3,17-beta-DIHYDROXYESTRA-1,3,5-TRIENE * 3,17-beta-DIHYDROXY-1,3,5(10)-OESTRATRIENE * DIHYDROXYOESTRIN * DIMENFORMON * DIMENFORMON PROLONGATUM * DIOGYN * DIOGYNETS * Elxub 2) * 3,17-EPIDIHYDROXYESTRADIENE * 3,17-EPIDIHYDROXYOESTRATRIENE * ESTRADIOL-17-beta * alpha-ESTRADIOL * beta-ESTRADIOL * 3,17-beta-ESTRADIOL * 17-beta-ESTRADIOL * cis-ESTRADIOL * d-ESTRADIOL * D-3,17-beta-ESTRADIOL * ESTRALDINE * ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * 17-beta-ESTRA-1,3,5(10)-TRIENE-3,17-DIOL * 1,3,5-ESTRATRIENE-3,17-beta-DIOL * ESTROVITE * FEMESTRAL * FEMOGEN * GYNERGON * GYNESTREL * GYNOESTRYL * LAMDIOL * MACRODIOL * MACROL * MICRODIOL * NORDICOL * NSC-9895 * OESTERGON * OESTRADIOL * alpha-OESTRADIOL * beta-OESTRADIOL * 3,17-beta-OESTRADIOL * cis-OESTRADIOL * d-OESTRADIOL * D-3,17-beta-OESTRADIOL * OESTRADIOL R * OESTRADIOL-17-beta * OESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * 17-beta-OESTRA-1,3,5(10)-TRIENE-3,17-DIOL * OESTROGLANDOL * OESTROGYNAL * 17-beta-OH-ESTRADIOL * 17-beta-OH-OESTRADIOL * OVAHORMON * OVASTEROL * OVASTEVOL * OVOCICLINA * OVOCYCLIN * OVOCYCLINE * OVOCYLIN * PRIMOFOL * PROFOLIOL * PROGYNON * PROGYNON-DH * SYNDIOL * THEELIN, DIHYDRO-

MUTATION DATA AND REFERENCES:

dni-hmn:lym 10 umol/L	PSEBAA 146,401,74
dnd-rat-oth 10 nmol/L	CELLB5 14,857,78
oms-rat-scu 10500 ng/kg	BBACAQ 656,45,81
dns-rat-lvr 1 umol/L	CNREA8 42,3010,82
dns-rat-scu 18500 ug/kg 5D-I	BBACAQ 656,45,81
oms-rat-scu 800 ng/kg 4D	BIREBV 19,385,78
cyt-rat-par 10 mg/kg	NATWAY 54,98,67
dns-mus-scu 1190 ug/kg	CTSRCS 156,551,75
dni-mus-orl 40 ug/kg	JOENAK 61,117,74
dnd-gpg:kdy 52 nmol/L	BIREBV 19,338,78
dnd-gpg:lng 52 nmol/L	BIREBV 19,338,78
dnd-mam:lym 5 nmol/L	FEBLAL 61,223,76
dns-rbt:ath 100 nmol/L	CRNGDP 3,703,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 orl-wmn TDLo:4400 ug/kg (31W pre)	ACEDAB 105,7,66
2T25T27 orl-rat TDLo:1 gm/kg (4-8D preg)	FESTAS 22,735,71
1T13 orl-rat TDLo:750 ug/kg (3D pre)	JRPFA4 13,101,67
1T22 orl-rat TDLo:875 ug/kg (7D pre)	JRPFA4 10,105,65
1T13 orl-rat TDLo:4195 ng/kg (1D pre)	JMCMAR 23,329,80
1T13 scu-rat TDLo:2400 ng/kg (3D pre)	ENDOAO 60,519,57
1T02 scu-rat TDLo:205 ug/kg (5D male)	ENDOAO 60,519,57
1T29 scu-rat TDLo:20 ug/kg (4D pre)	ACEDAB 105,1,66
2T31T34 scu-rat TDLo:14400 ng/kg (5-16D preg)	RCOCB8 7,701,74
1T22 scu-rat TDLo:10500 ng/kg (7D pre)	JRPFA4 10,105,65
1T53 scu-rat TDLo:6210 ug/kg (16-20D preg)	JRPFA4 59,43,80
2T24T26 scu-rat TDLo:15300 ng/kg (1-9D preg)	CCPTAY 3,347,71
1T14 scu-rat TDLo:500 ug/kg (1D pre)	ARTODN 50,279,82
1T13 ims-rat TDLo:2 ug/kg (4D pre)	PBPSDY 1,215,77
1T53 ims-rat TDLo:60 mg/kg (15-16D preg)	JCEMAZ 28,231,68
1T52 ims-rat TDLo:60 mg/kg (19-20D preg)	JCEMAZ 28,231,68
1T12 ims-rat TDLo:1800 mg/kg (15-20D preg)	JCEMAZ 29,30,69
3T01T02T03 ims-rat TDLo:6720 ng/kg (14D male)	IJEBA6 15,16,77
1T25 par-rat TDLo:4 ug/kg (14-17D preg)	NAGZAC 33,1678,58
1T03 imp-rat TDLo:3600 ng/kg (90D male)	NATUAS 269,409,77
2T01T02 imp-rat TDLo:437 ug/kg (91D male)	BIREBV 21,455,79
1T29 unk-rat TDLo:5 ug/kg (1D pre)	15QWAW -,195,65
2T12T13 orl-mus TDLo:219 mg/kg (52W pre)	JEPTDQ 1(1),1,77
1T14 ipr-mus TDLo:4 mg/kg (5D pre)	PSEBAA 160,94,79
3T02T03T23 scu-mus TDLo:10 mg/kg (5D male)	BIREBV 20,310,79
1T01 scu-mus TDLo:1 mg/kg (5D male)	PSEBAA 165,17,80
1T91 scu-mus TDLo:20 mg/kg (17D preg)	CNREA8 37,1099,77
1T29 scu-mus TDLo:12 ug/kg (1-3D preg)	JOENAK 42,17,68
2T13T24 scu-mus TDLo:14400 ng/kg (4-6D preg)	JRPFA4 5,239,63
1T13 scu-mus TDLo:204 ng/kg (3D pre)	FESTAS 20,211,69
1T13 scu-mus TDLo:2 ug/kg (1D pre)	FESTAS 25,636,74
1T26 par-mus TDLo:9600 ug/kg (4-6D preg)	JOENAK 20,299,60
1T29 par-mus TDLo:4800 ug/kg (4-6D preg)	JOENAK 20,299,60
1T13 par-mus TDLo:4 ug/kg (1D pre)	FEPRA7 25,252,66
2T16T26 imp-mus TDLo:1720 ug/kg (16-21D preg)	JRPFA4 22,509,70
1T22 orl-mky TDLo:10 mg/kg (1-6D preg)	AJOGAH 115,101,73
2T01T02 ihl-mky TCLo:30 ug/kg/30M (60D male)	BIREBV 22,935,80
2T02T03 orl-rbt TDLo:60 ug/kg (8D male)	TXAPA9 21,55,72
1T29 orl-rbt TDLo:50 ug/kg (1D pre)	13OPAL -,37,61
1T26 scu-rbt TDLo:90 ug/kg (6-11D preg)	ENDOAO 77,337,65
1T24 scu-rbt TDLo:45 mg/kg (1-3D preg)	EXMDA4 133,406,67
1T24 scu-rbt TDLo:45 ug/kg (5-7D preg)	JRPFA4 3,246,62
2T26T35 ims-rbt TDLo:30 ug/kg (18-20D preg)	JRPFA4 53,237,78
1T29 ims-rbt TDLo:5 ug/kg (1-3D preg)	FESTAS 10,155,59
2T24T34 unk-rbt TDLo:190 ug/kg (1-19D preg)	CCPTAY 2,85,70
2T25T26 scu-ham TDLo:90 ug/kg (1-9D preg)	CCPTAY 3,347,71
1T25 scu-ham TDLo:900 ug/kg (1-9D preg)	CCPTAY 3,347,71
1T02 imp-ham TDLo:160 mg/kg (50W male)	ENDOAO 57,255,55
2T02T03 scu-grb TDLo:15 mg/kg (15D male)	JRPFA4 61,217,81
1T29 scu-dom TDLo:14 ug/kg (1D pre)	JANSAG 42,677,76

TUMORIGENIC DATA AND REFERENCES:

3V03N60R60 imp-rat TDLo:350 mg/kg	13BYAH -,305,62
2V02R60 orl-mus TDLo:58 mg/kg/82W-C	BJCAAI 35,322,77
3V03R60V15 imp-mus TDLo:100 ug/kg	BIMDB3 29,45,78
2V03T64 scu-gpg TDLo:7 mg/kg/12W-I	CRSBAW 130,9,39
2V03V10 imp-gpg TDLo:1200 ug/kg	RCBIAS 3,108,44
2V01M61 imp-ham TDLo:286 mg/kg	CNREA8 12,274,52
2V01M61 imp-ham TD :360 mg/kg/15W-I	MOPMA3 23,278,83
2V03T64 imp-gpg TD :2400 ug/kg	BSBSAS 8,142,51
2V01M61 imp-ham TD :547 mg/kg/12W-I	CNREA8 43,4638,83
2V03T64 imp-gpg TD :40 mg/kg	LANCAO 1,1313,39
2V33T64 imp-gpg TD :100 mg/kg	LANCAO 1,1313,39
3V03R60V15 orl-mus TD :44 mg/kg/52W-I	JEPTDQ 1(1),1,77
3V03R60T64 orl-mus TD :4368 ug/kg/1Y-C	JTEHD6 3,367,77
3V03M60J61 imp-ham TD :160 mg/kg	CANCAR 10,757,57
2V03R60 imp-mus TD :30 mg/kg	REEBB3 16,425,71
2V03R60 imp-mus TD :34 mg/kg	EJCAAH 11,39,75

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLPTAT 5,480,64; ADVPA3 4,263,66; CANCAR 40,1825,77; ACRSAJ 1,173,53

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 21,279,79

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 6,99,74

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED — IARC** 21,279,79

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-ESTRADIOL see: KG2975000

beta-ESTRADIOL see: KG2975000

cis-ESTRADIOL see: KG2975000

d-ESTRADIOL see: KG2975000

8-alpha-ESTRADIOL see: KG7020000

KG3750000 17-alpha-ESTRADIOL

UPDT:8401 CAS: 57-91-0 MW: 272.42 MOLFM: C18-H24-O2

SYN: 3,17-DIHYDROXYESTRATRIENE * 3,17-alpha-DIHYDROXYESTRA-1,3,5(10)-TRIENE * ESTRA-1,3,5(10)-TRIENE-3,17-alpha-DIOL * 1,3,5-ESTRATRIENE-3,17-alpha-DIOL * OESTRADIOL 17-alpha-

MUTATION DATA AND REFERENCES:

dni-hmn:oth 100 mg/L	JTEHD6 10,143,82

TUMORIGENIC DATA AND REFERENCES:

2V03T64 imp-gpg TD :3 mg/kg	RBBIAL 5,1,45

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3,17-beta-ESTRADIOL see: KG2975000

D-3,17-beta-ESTRADIOL see: KG2975000

17-beta-ESTRADIOL see: KG2975000

ESTRADIOL-17-beta see: KG2975000

ESTRADIOL BENZOATE see: KG4050000

KG4050000 ESTRADIOL, 3-BENZOATE

UPDT:8411 CAS: 50-50-0 MW: 376.53 MOLFM: C25-H28-O3

SYN: BENOVOCYLIN * BENZHORMOVARINE * BENZOATE d'OESTRADIOL (French) * BENZOESTROFOL * BENZOFOLINE * BENZO-GYNOESTRYL * BENZOIC ACID ESTRADIOL * DE GRAAFINA * DIFFOLLISTEROL * DIFOLLICULINE * DIHYDROESTRIN BENZOATE * DIHYDROFOLLICULIN BENZOATE * DIMENFORMON BENZOATE * DIMENFORMONE * DIOGYN 8 * EB2 * ESTON-B * ESTRADIOL BENZOATE * ESTRADIOL-17-beta-BENZOATE * ESTRADIOL-17-beta-3-BENZOATE * beta-ESTRADIOL BENZOATE * beta-ESTRADIOL 3-BENZOATE * 17-beta-ESTRADIOL BENZOATE * 17-beta-ESTRADIOL 3-BENZOATE * ESTRADIOL MONOBENZOATE * 17-beta-ESTRADIOL MONOBENZOATE * ESTRA-1,3,5(10)-TRIENE-3,17-DIOL (17-beta)-3-BENZOATE * ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL 3-BENZOATE * 1,3,5(10)-ESTRATRIENE-3,17-beta-DIOL 3-BENZOATE * FEMESTRONE * FOLLICERNON * FOLLIDRIN * GRAAFINA * GYNECORMONE * GYNORMONE * HIDROESTRON * HORMOGYNON * HYDROXYESTRIN BENZOATE * MEE * ODB * OESTRADIOL BENZOATE * OESTRADIOL 3-BENZOATE * beta-OESTRADIOL BENZOATE * beta-OESTRADIOL 3-BENZOATE * 17-beta-OESTRADIOL 3-BENZOATE * OESTRADIOL MONOBENZOATE * 1,3,5(10)-OESTRATRIENE-3,17-beta-DIOL 3-BENZOATE * OESTRAFORM (BDH) * OVAHORMON BENZOATE * OVASTEROL-B * OVEX * OVOCYCLIN BENZOATE * OVOCYCLIN M * OVOCYCLIN-MB * PRIMOGYN B * PRIMOGYN BOLEOSUM * PRIMOGYN I * PROGYNON B * PROGYNON BENZOATE * RECTHORMONE OESTRADIOL * SOLESTRO * UNISTRADIOL

MUTATION DATA AND REFERENCES:

dni-rat-scu 10 ug/kg	JOENAK 65,45,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14 ims-wmn TDLo:1 mg/kg (5D pre)	FESTAS 26,405,75
3T12T21T26 orl-rat TDLo:1063 ug/kg (42D pre-21D post)	JAFCAU 22,969,74
1T86 orl-rat TDLo:1063 ug/kg (42D pre-21D post)	JAFCAU 22,969,74
1T13 orl-rat TDLo:1500 ng/kg (3D pre)	TXAPA9 21,68,72
2T02T03 orl-rat TDLo:350 ug/kg (7D male)	TXAPA9 21,80,72
1T27 scu-rat TDLo:32 ug/kg (3-4D preg)	APTSAI 26(Suppl 1),1,88
2T13T19 scu-rat TDLo:100 ug/kg (1D pre)	JRPFA4 65,355,82
1T03 scu-rat TDLo:70 ng/kg (7D male)	ACENA7 77,636,74
1T22 scu-rat TDLo:25 ug/kg (4D pre/1D preg)	BIREBV 7,260,72
1T29 scu-rat TDLo:5 ug/kg (1D preg)	BIREBV 7,260,72
1T14 scu-rat TDLo:7 ug/kg (7D pre)	BIREBV 23,733,80
3T01T02T03 scu-rat TDLo:250 ug/kg (5D male)	JRFSAR 2,75,68
1T33 ims-rat TDLo:2500 ug/kg (13D preg)	ACENA7 33,520,60
1T53 ims-rat TDLo:5 mg/kg (19D preg)	ACENA7 33,520,60
1T02 ice-rat TDLo:55 ug/kg (1D male)	JCPPAV 94,634,80
2T02T03 par-rat TDLo:10500 ug/kg (21D male)	BIREBV 14,332,76
1T23 par-rat TDLo:200 ug/kg (1D male)	ARGYAJ 221,103,76
3T12T13T29 imp-rat TDLo:10 mg/kg (24D pre)	BIREBV 2,315,70
1T27 orl-mus TDLo:8 ug/kg (3-4D preg)	APTSAI 26(Suppl 1),1,68
2T43T27 scu-mus TDLo:28 mg/kg (12-16D preg)	PSEBAA 97,809,58
1T24 scu-mus TDLo:2 ug/kg (8D preg)	JRPFA4 18,227,69
1T22 scu-mus TDLo:8 ug/kg (2-5D preg)	ACENA7 63,283,70
1T13 scu-mus TDLo:1300 ng/kg (3D pre)	ACENA7 63,283,70
1T03 ims-mus TDLo:12 mg/kg (30D male)	JRPFA4 50,75,77
1T01 ims-mus TDLo:6 mg/kg (13D male)	JRPFA4 50,75,77
3T81T86T87 ims-dog TDLo:60 ug/kg (42-62D preg)	ENDOAO 85,481,69
1T29 ims-rbt TDLo:2500 ng/kg (1-3D preg)	FESTAS 10,155,59
1T91 ims-pig TDLo:3333 ug/kg (8-11W preg)	ENDKAC 69,347,77
1T23 imp-ham TDLo:200 mg/kg (12D male)	FESTAS 24,872,73
1T02 imp-ham TDLo:200 mg/kg (4D male)	FESTAS 24,872,73
1T16 ims-dom TDLo:136 ug/kg (20W preg)	AAAHAN 16,462,76
1T27 ims-dom TDLo:182 ug/kg (18W preg)	AAAHAN 16,462,76
1T75 ims-dom TDLo:364 ug/kg (20W preg)	THGNBO 5,289,76

TUMORIGENIC DATA AND REFERENCES:

3V02N60R60 imp-rat TDLo:25 mg/kg	EJCAAH 13,1437,77
3V01P61R60 scu-mus TDLo:24 mg/kg/36W-I	CNREA8 8,337,48
3V03R60V15 par-mus TDLo:38 mg/kg/57W-I	CNREA8 1,359,41
3V03R60V15 imp-mus TDLo:60 mg/kg	CNREA8 1,290,41
2V03T64 scu-gpg TDLo:240 ug/kg/8W-I	LANCAO 1,1313,39
2V03V10 imp-gpg TDLo:3000 ug/kg	RCBIAS 3,108,44
2V03T61 imp-ham TDLo:80 mg/kg	JPBAA7 56,1,44
3V03P62P61 scu-mus TDLo:23 mg/kg/36W-I	YJBMAU 17,75,44
2V03T64 scu-gpg TD :4 mg/kg/9W-I	CRSBAW 130,9,39
2V03A60 imp-rat TD :30 mg/kg	NATUAS 175,724,55
2V03V15 imp-gpg TD :50 mg/kg	CNREA8 1,367,41
3V03K61V15 imp-gpg TD :100 mg/kg	CNREA8 1,367,41
3V03R60V15 imp-mus TD :80 mg/kg	CNREA8 1,290,41
2V03R60 scu-mus TD :4790 ug/kg/36W-I	YJBMAU 12,213,39
3V01P62R60 scu-mus TD :38 mg/kg/39W-I	CNREA8 8,337,48
3V03A60R60 scu-mus TD :15 mg/kg/22W-I	CNREA8 1,345,41
3V03A60R60 scu-mus TD :44 mg/kg/22W-I	CNREA8 1,345,41

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ACRSAJ 1,173,53

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 21,279,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRADIOL-17-beta-BENZOATE see: KG4050000

ESTRADIOL-17-beta-3-BENZOATE see: KG4050000

beta-ESTRADIOL BENZOATE see: KG4050000

beta-ESTRADIOL 3-BENZOATE see: KG4050000

17-beta-ESTRADIOL BENZOATE see: KG4050000

17-beta-ESTRADIOL 3-BENZOATE see: KG4050000

KG4100000 ESTRADIOL, 17-BENZOATE-3-n-BUTYRATE

UPDT:8401 CAS: 63042-19-3 MW: 446.63 MOLFM: C29-H34-O4

SYN: 17-BENZOATE-3-N-BUTYRATE d'OESTRADIOL (French) * ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL 17-BENZOATE-3-n-BUTYRATE

TUMORIGENIC DATA AND REFERENCES:

3V03P60T64 scu-gpg TDLo:7 mg/kg/12W-I	CRSBAW 130,1466,39

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRADIOL BENZOATE mixed with PROGESTERONE (1:14 moles) see: KG4200000

KG4200000 ESTRADIOL, 3-BENZOATE mixed with PROGESTERONE (1:14 moles)

UPDT:8401

TOXICITY DATA HAVE NOT BEEN EVALUATED.

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AV

SYN: ESTRADIOL BENZOATE mixed with PROGESTERONE (1:14 molesl) * ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL 3-BENZOATE mixed with PROGESTERONE (1:14 molesl) * PROGESTERONE mixed with ESTRADIOL BENZOATE (14:1 molesl) * PROGESTERONE mixed with ESTRADIOL 3-BENZOATE (14:1 molesl) * PROGESTERONE mixed with ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL 3-BENZOATE (14:1 molesl)

TUMORIGENIC DATA AND REFERENCES:

2V03T64 scu-mus TDLo:338 mg/kg/39W-I YJBMAU 12,213,39

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG4550000 ESTRADIOL, 17-CAPRYLATE

UPDT:8401 CAS: 63042-22-8 MW: 398.64 MOLFM: C26-H38-O3

SYN: CAPRYLATE d'OESTRADIOL (French) * ESTRA-1,3,5(10)-TRIENE-3,17beta-DIOL 17-OCTANOATE

TUMORIGENIC DATA AND REFERENCES:

3V03P60T64 scu-gpg TDLo:800 ug/kg/13W-I CRSBAW 130,1466,39

2V03V10 imp-gpg TDLo:2800 ug/kg RCBIAS 3,108,44

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRADIOL CYPIONATE mixed with MEDROXYPROGESTERONE ACETATE see: TU5010050

KG4600000 ESTRADIOL, 17-CYCLOPENTANEPROPIONATE

UPDT:8407 CAS: 313-06-4 MW: 396.62 MOLFM: C26-H36-O3

SYN: DEPOESTRADIOL * DEPOESTRADIOL CYPIONATE * DEPOFEMIN * ECP * ESTRADEP * ESTRADIOL CYCLOPENTYLPROPIONATE * ESTRADIOL 17-CYCLOPENTYLPROPIONATE * ESTRADIOL 17 beta-CYCLOPENTYLPROPIONATE * ESTRADIOL CYPIONATE * ESTRADIOL 17-CYPIONATE * ESTRADIOL 17-beta-CYPIONATE * ESTRA-1,3,5(10)-TRIENE-3,17-DIOL (17-beta)-, 17-CYCLOPENTANEPROPANOATE (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T26T29	scu-rat TDLo:25 ug/kg (1D preg)	ENDOAO 69,1068,81
3T12T25T29	scu-rat TDLo:50 ug/kg (5D preg)	CCPTAY 17,163,78
2T22T26	scu-rat TDLo:25 ug/kg (1D preg)	ANREAK 157,163,67
3T01T02T03	ims-rat TDLo:1200 ug/kg (25D male)	JRPFA4 23,1,70
1T22	par-rat TDLo:32500 ng/kg (13D pre)	JANSAG 15,1211,56
1T29	scu-mus TDLo:40 ug/kg (1D preg)	ANREAK 157,163,67
1T29	orl-rbt TDLo:300 ug/kg (1-3D preg)	FESTAS 16,281,65
1T31	orl-rbt TDLo:690 ug/kg (6-8D preg)	FESTAS 16,281,65
1T29	scu-rbt TDLo:50 ug/kg (1D preg)	JRPFA4 17,579,68
2T22T26	ims-rbt TDLo:25 ug/kg (1D preg)	ANREAK 157,163,67
1T29	ims-rbt TDLo:12500 ng/kg (1D preg)	ANREAK 157,163,67
3T12T13T15	ims-pig TDLo:33 ug/kg (4D pre)	AJVRAH 30,551,69
1T19	ims-pig TDLo:33 ug/kg (4D pre)	AJVRAH 30,551,69
1T22	orl-ham TDLo:24 mg/kg (1-3D preg)	FESTAS 16,281,65
1T29	scu-ham TDLo:200 ug/kg (1D preg)	ANREAK 157,163,67
1T29	scu-gpg TDLo:2 ug/kg (1D preg)	ANREAK 157,163,67

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRADIOL-17-beta 3-CYCLOPENTYL ETHER see: RC8948000

ESTRADIOL CYCLOPENTYLPROPIONATE see: KG4600000

ESTRADIOL 17-CYCLOPENTYLPROPIONATE see: KG4600000

ESTRADIOL 17-beta-CYCLOPENTYLPROPIONATE see: KG4600000

ESTRADIOL CYPIONATE see: KG4600000

ESTRADIOL 17-CYPIONATE see: KG4600000

ESTRADIOL 17-beta-CYPIONATE see: KG4600000

KG4725000 ESTRADIOL, DIPROPIONATE

UPDT:8411 CAS: 113-38-2 MW: 384.56 MOLFM: C24-H32-O4

SYN: AGOFOLLIN * DIMENFORMON DIPROPIONATE * DIOVOCYCLIN * DIOVOCYLIN * DIPROPIONATE D-OESTRADIOL (French) * DIPROSTRON * ENDOFOLLICOLINA D.P. * ESTRADIOL 3,17-DIPROPIONATE * beta-ESTRADIOL DIPROPIONATE * beta-ESTRADIOL 3,17-DIPROPIONATE * 3,17-beta-ESTRADIOL DIPROPIONATE * 17-beta-ESTRADIOL DIPROPIONATE * ESTRA-1,3,5(10)-TRIENE-3,17-DIOL (17-beta)-DIPROPIONATE * 1,3,5(10)-ESTRATRIENE-3,17beta-DIOL DIPROPIONATE * ESTROICI * ESTRONEX * FOLLICYCLIN P * NACYCLYL * OESTRADIOL DIPROPIONATE * OESTRADIOL-3,17-DIPROPIONATE * beta-OESTRADIOL DIPROPIONATE * 3,17-beta-OESTRADIOL DIPROPIONATE * 17-beta-OESTRADIOL DIPROPIONATE * OVOCYCLIN DIPROPIONATE * OVOCYCLIN-P * PROGYNON-DP

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T44	scu-rat TDLo:5 mg/kg (14D preg)	JOPHAN 55,237,63
1T13	scu-rat TDLo:45500 ng/kg (28D pre)	IJEBA6 11,1,73
1T13	ims-rat TDLo:2500 ng/kg (5D pre)	IJEBA6 16,648,78
1T23	ims-rat TDLo:300 ug/kg (15D male)	CCPTAY 1,373,70
1T01	ims-rat TDLo:600 ug/kg (30D male)	CCPTAY 1,373,70
1T02	ims-rat TDLo:12 ug/kg (30D male)	CCPTAY 1,373,70
1T03	ims-rat TDLo:60 ug/kg (15D male)	CCPTAY 1,373,70
1T44	par-rat TDLo:5 mg/kg (14D preg)	AAMMAU 60,147,71
1T31	par-rat TDLo:1 mg/kg (14D preg)	CRSBAW 164,779,70
1T81	par-rat TDLo:5 mg/kg (14D preg)	CRSBAW 164,784,70
1T44	unk-rat TDLo:50 mg/kg (14D preg)	CRSBAW 159,2357,65
1T53	scu-mus TDLo:8 mg/kg (14D preg)	CRSBAW 158,2321,64
1T44	scu-mus TDLo:2 mg/kg (12D preg)	CRSBAW 149,1233,55
1T13	ims-mus TDLo:24 ug/kg (3D pre)	IJEBA6 16,419,78
1T53	par-mus TDLo:4 mg/kg (14D preg)	CRSBAW 160,976,66
1T44	par-mus TDLo:4 mg/kg (13D preg)	AIPAAV 90,187,56
1T31	par-mus TDLo:5 mg/kg (14D preg)	CRSBAW 164,779,70
1T81	par-mus TDLo:4 mg/kg (14D preg)	CRSBAW 164,784,70
1T44	unk-mus TDLo:4 mg/kg (14D preg)	CRSBAW 159,2357,65
1T53	unk-mus TDLo:200 mg/kg (14D preg)	JOPHAN 57,634,65
1T29	ivn-rbt TDLo:10 ug/kg (1D preg)	TJADAB 6,207,72

TUMORIGENIC DATA AND REFERENCES:

2V03R60	par-rat TDLo:40 mg/kg/26W-I	CNREAB 2,632,42
3V03P61P62	scu-mus TDLo:36 mg/kg/36W-I	YJBMAU 12,213,39
2V03V10	imp-gpg TDLo:2200 ug/kg	RCBIAS 3,108,44
2V03R60	scu-mus TD :3000 mg/kg/25W-I	JPBAA7 51,9,40
3V03P61R60	scu-mus TD :54 mg/kg/27W-I	YJBMAU 12,213,39

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ACRSAJ 1,173,53

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 21,279,79

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRADIOL 3,17-DIPROPIONATE see: KG4725000

beta-ESTRADIOL DIPROPIONATE see: KG4725000

beta-ESTRADIOL 3,17-DIPROPIONATE see: KG4725000

17-beta-ESTRADIOL DIPROPIONATE see: KG4725000

3,17-beta-ESTRADIOL DIPROPIONATE see: KG4725000

ESTRADIOL, 17-ETHYNYL- see: RC8925000

17-alpha-ESTRADIOL-17-beta-D-GLUCOSIDE see: KG7731620

ESTRADIOL-17-beta-6,7-(sup 3)H see: KG7030000

KG5680000 ESTRADIOL, 17-HEMISUCCINATE, conjugated to BOVINE SERUM ALBUMIN

UPDT:8405

SYN: ESTRADIOL 17 beta-HEMISUCCINATE conjugated to BOVINE SERUM ALBUMIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	scu-mam TDLo:3077 mg/kg (4D pre)	JRPFA4 46,261,76
1T24	scu-mam TDLo:2308 mg/kg (2-7D preg)	JRPFA4 46,261,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRADIOL-17-beta-HEMISUCC.NATE conjugated to BOVINE SERUM ALBUMIN see: KG5680000

17-beta-ESTRADIOL 3-METHYL ETHER see: KG7732000

ESTRADIOL 3-METHYL ETHER see: KG7732000

ESTRADIOL MONOBENZOATE see: KG4050000

17-beta-ESTRADIOL MONOBENZOATE see: KG4050000

ESTRADIOL MUSTARD see: KG7300000

ESTRADIOL PHOSPHATE POLYMER see: KG5792000

KG5792000 ESTRADIOL, POLYESTER with PHOSPHORIC ACID

UPDT:8403 CAS: 28014-46-2 MOLFM: (C18-H24-O2 H3-O4-P)x

SYN: ESTRADIOL PHOSPHATE POLYMER * ESTRADURIN * ESTRA-1,3,5(10)-TRIENE-3,17-DIOL (17-beta)-, POLYMER with PHOSPHORIC ACID * (17-beta)-ESTRA-1,3,5(10)-TRIENE-3,17-DIOL POLYMER with PHOSPHORIC ACID * OESTRADIOL PHOSPHATE POLYMER * OESTRADIOL POLYESTER with PHOSPHORIC ACID * PEP * POLY(ESTRADIOL PHOSPHATE) * POLYOESTRADIOL PHOSPHATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	ims-rat TDLo:50 mg/kg (19D preg)	ACENA7 33,520,60

TUMORIGENIC DATA AND REFERENCES:

2V01L60	ims-wmn TDLo:173 mg/kg 9Y-I	ACLRBL 7,287,75

TOXICITY DATA AND REFERENCES:

*	scu-rat LD50:5800 mg/kg	FATOBP 15,56,80
*	scu-mus LD50:6100 mg/kg	FATOBP 15,56,80

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 21,279,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRADIOL POLYPHOSPHATE and MEDROXYPROGESTERONE ACETATE see: TU5356000

ESTRADIOL VALERATE see: KG5793000

KG5793000 ESTRADIOL, 17-VALERATE

UPDT:8406 CAS: 979-32-8 MW: 368.56 MOLFM: C24-H32-O3

SYN: ATLADIOL * DELADIOL * DELAHORMONE UNIMATIC * DELESTROGEN * DELESTROGEN 4X * DURA-ESTRADIOL * ESTRADIOL VALERATE * ESTRADIOL 17-beta-VALERATE * ESTRADIOL VALERIANATE * ESTRA-1,3,5(10)-TRIENE-3,17-DIOL (17-beta)-, 17-PENTANOATE (9CI) * ESTRAVAL * FEMOGEX * NEOFOLLIN * PHARLON * PROGYNON * PROGYNON-DEPOT * PROGYNOVA

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T31T34T46	ims-rat TDLo:1 mg/kg (12-19D preg)	PTLGAX 5,183,73
2T14T29	scu-mus TDLo:2 mg/kg (1D pre)	BIREBV 30,556,84
1T12	ice-mus TDLo:3200 ug/kg (1D pre)	TJADAB 25,351,82
1T01	ice-mus TDLo:3200 ug/kg (1D pre)	TJADAB 25,351,82
1T35	scu-pig TDLo:67 ug/kg (15-18D preg)	BEMTAM 88,385,75
1T14	scu-pig TDLo:50 ug/kg (3D pre)	BEMTAM 88,385,75

TUMORIGENIC DATA AND REFERENCES:

2V01R60	scu-mus TDLo:400 ug/kg/W-I	AVBIB9 22/23,359,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRADIOL 17-beta-VALERATE see: KG5793000

ESTRADIOL VALERIANATE see: KG5793000

ESTRADURIN see: KG5792000

ESTRADURIN see: KG7400000

ESTRAGARD see: SL0580000

ESTRAGOLE see: BZ8225000

ESTRAGOLE, 1'-HYDROXY- see: DO9200000

KG5900000 ESTRAGON OIL

UPDT:8305 CAS: 8016-88-4

SYN: TARRAGON OIL

IRRITATION DATA AND REFERENCES:

	skn-mus 100%	FCTXAV 12,709,74
	skn-rbt 500 mg/24H	FCTXAV 12,709,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1900 mg/kg	FCTXAV 12,709,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ESTRALDINE see: KG2975000

ESTRALUTIN see: TU5085000

ESTRAMUSTINE PHOSPHATE DISODIUM see: KG7350000

ESTRAMUSTINE PHOSPHATE DISODIUM HYDRATE see: KG7355000

ESTRAMUSTINE PHOSPHATE SODIUM see: KG7350000

ESTRAMUSTINE PHOSPHATE SODIUM HYDRATE see: KG7355000

KG5996000 5-alpha-ESTRAN-3-ONE, 17-beta-HYDROXY-, O-(2,4-DINITROPHENYL)OXIME

UPDT:8401 CAS: 64584-77-6 MW: 457.58 MOLFM: C24-H31-N3-O6

SYN: 17-beta-HYDROXY-5-alpha-ESTRAN-3-ONE O-(2,4-DINITROPHENYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:160 mg/kg (9-12D preg)	JMCMAR 20,1546,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG5998000 5-alpha-ESTRAN-3-ONE, 17-beta-HYDROXY-17-METHYL-

UPDT:8412 CAS: 6424-04-0 MW: 290.49 MOLFM: C19-H30-O2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	scu-mus TDLo:2 mg/kg (1D pre)	BSGRAA -,150,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG6000000 alpha-ESTRA-1,3,5,7,9-PENTAEN-3,17-DIOL

UPDT:8401 CAS: 6639-99-2 MW: 267.37 MOLFM: C18-H19-O2

SYN: alpha-DIHYDROEQUILENIN * alfa-DIHYDROEQUILENINA (Spanish)

TUMORIGENIC DATA AND REFERENCES:

2V03T64	imp-gpg TDLo:20 mg/kg	RBBIAL 5,1,45

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG6025000 beta-ESTRA-1,3,5,7,9-PENTAEN-3,17-DIOL

UPDT:8401 CAS: 1423-97-6 MW: 267.37 MOLFM: C18-H19-O2

SYN: beta-DIHYDROEQUILENIN * beta-DIHYDROEQUILENINA (Spanish)

TUMORIGENIC DATA AND REFERENCES:

2V03T64	imp-gpg TDLo:24 mg/kg	RBBIAL 5,1,45

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG6125000 ESTRA-1,3,5,7,9-PENTAEN-17-ONE, 3-HYDROXY-

UPDT:8402 CAS: 517-09-9 MW: 266.36 MOLFM: C18-H18-O2

SYN: EQUILENIN * EQUILENINA (Spanish) * EQUILENINE * ESTRA-1,3,5(10),6,8-PENTAEN-17-ONE, 3-HYDROXY- * 3-HYDROXYESTRA-1,3,5(10),6,8-PENTAEN-17-ONE

TUMORIGENIC DATA AND REFERENCES:

2V03T64	imp-gpg TDLo:1600 ug/kg	BSBSAS 8,142,51
2V03M61	imp-ham TDLo:640 mg/kg/3W-I	CNREA8 43,5200,83
2V03T64	imp-gpg TD :17 mg/kg	RBBIAL 5,1,45

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRA-1,3,5(10),6,8-PENTAEN-17-ONE 3-HYDROXY- see: KG6125000

ESTRATAB see: GL1224000

1,3,5,7-ESTRATETRAEN-3-OL-17-ONE see: KG6650000

KG6650000 ESTRA-1,3,5(10),7-TETRAEN-17-ONE, 3-HYDROXY-

UPDT:8402 CAS: 474-86-2 MW: 268.38 MOLFM: C18-H20-O2

SYN: EQUILIN * 1,3,5,7-ESTRATETRAEN-3-OL-17-ONE * 3-HYDROXYESTRA-1,3,5(10),7-TETRAEN-17-ONE

TUMORIGENIC DATA AND REFERENCES:

2V02R60	scu-mus TDLo:112 mg/kg 56W-I	ZEKBAI 56,482,49

BEST COPY AVAILABLE

2V03M61 im: ...am TDLo:640 mg/kg 28W-I CNREAB 43,5200,83
2V03V10 s...as TDLo:168 mg/kg 42W-I YJBMAU 12,213,39

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRA-1,3,5(10)-TRIEN-3,17-DIOL, 3-METHOXY-17-(3,3,3-TRIFLUORO-1-PROPYNYL)-, (17-beta)- see: KG7560000

KG6814500 ESTRA-1,3,5(10)-TRIENE-2,4-D2-3,17-DIOL, (17-beta)-
UPDT:8402 CAS: 53866-33-4 MW: 274.42 MOLFM: C18-H22-D2-O2
SYN: 2,4-DIDEUTERIOESTRADIOL

TUMORIGENIC DATA AND REFERENCES:
2V01M61 imp-ham TDLo:360 mg/kg/15W-I MOPMA3 23,278,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRA-1,3,5(10)-TRIENE-3,17-alpha-DIOL see: KG3750000
ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: KG2975000
1,3,5-ESTRATRIENE-3,17-alpha-DIOL see: KG3750000
1,3,5-ESTRATRIENE-3,17-beta-DIOL see: KG2975000

KG7020000 8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL
UPDT:8401 MW: 272.42 MOLFM: C18-H24-O2
SYN: 8-alpha-E(sub 2) * 8-alpha-ESTRADIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:180 ug/kg (3D pre) STEDAM 40,171,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7030000 ESTRA-1,3,5(10)-TRIENE-3,17-DIOL, (6,7-(sup 3)H,17-beta)-
UPDT:8406 MW: 272.42 MOLFM: C18-H24-O2
SYN: ESTRADIOL,17-beta-(6,7-(sup 3)H * TRITIATED ESTRADIOL-17-beta

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-rat TDLo:1800 ng/kg (3D pre) CCPTAY 7,231,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

17-beta-ESTRA-1,3,5(10)-TRIENE-3,17-DIOL see: KG2975000
ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL, 3-BENZOATE see: KG4050000
ESTRA-1,3,5(10)-TRIENE-3,17-DIOL (17-beta)-3-BENZOATE see: KG4050000
1,3,5(10)-ESTRATRIENE-3,17-beta-DIOL 3-BENZOATE see: KG4050000
ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL, 17-BENZOATE-3-n-BUTYRATE see: KG4100000
ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL 3-BENZOATE mixed with PROGESTERONE (1:14 moles) see: KG4200000

KG7300000 ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL, BIS(p-(BIS(2-CHLOROETHYLAMINO)PHENYL)ACETATE)
UPDT:8412 CAS: 22966-79-6 MW: 788.74 MOLFM: C42-H50-Cl4-N2-O4
SYN: BIS(14-(BIS(2-CHLOROETHYL)AMINO)BENZENE)ACETATE)ESTRA-1,3,5(10)-TRIENE-3,17-DIOL(17beta) * BIS(14-(BIS(2-CHLOROETHYL)AMINO)BENZENE)ACETATE)OESTRA-1,3,5(10)-TRIENE-3,17-DIOL(17beta) * BIS((p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETATE)ESTRADIOL * BIS((p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETATE)ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * BIS((p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETATE)OESTRADIOL * BIS((p-BIS(2-CHLOROETHYL)AMINOPHENYL)-ACETATE)OESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * ESTRADIOL MUSTARD * NCI-C01570 * NSC 112259 * OESTRADIOL MUSTARD

TUMORIGENIC DATA AND REFERENCES:
3V01J60P62 orl-mus TDLo:2340 mg/kg/52W-I NCITR* NCI-CG-TR-59,78
2V02J60 spr-mus TDLo:480 mg/kg/8W-I CNREAB 33,3069,73
3V01K60P62 orl-mus TD:4680 mg/kg/1Y-I NCITR* NCI-CG-TR-59,78

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW ANIMAL POSITIVE IARC** 9,217,75

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-59,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-59,78)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7350000 ESTRA-1,3,5(10)-TRIENE-3,17-DIOL (17-beta)-, 3-(BIS(2-CHLOROETHYL)CARBAMATE) 17-(DIHYDROGEN PHOSPHATE), DISODIUM SALT
UPDT:8408 CAS: 52205-73-9 MW: 566.41 MOLFM: C23-H32-Cl2-N-O6-P-2Na
SYN: EMP * ESTRACYT * ESTRAMUSTINE PHOSPHATE DISODIUM * ESTRAMUSTINE PHOSPHATE SODIUM * ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL 3-(BIS(2-CHLOROETHYL)CARBAMATE)17-DISODIUM PHOSPHATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T12T13	orl-rat TDLo:350 mg/kg (35D pre)	OYYAA2 21,211,81
1T02	orl-rat TDLo:30 mg/kg (60D male)	OYYAA2 20,1211,80
2T85T86	orl-rat TDLo:5500 ug/kg (7-17D preg)	OYYAA2 20,1219,80
2T25T81	orl-rat TDLo:22 mg/kg (7-17D preg)	OYYAA2 20,1219,80
3T25T34T72	orl-rat TDLo:44 mg/kg (7-17D preg)	OYYAA2 20,1219,80
2T12T13	orl-dog TDLo:60 mg/kg (30D pre)	OYYAA2 20,1161,80
1T02	orl-dog TDLo:60 mg/kg (30D male)	OYYAA2 20,1161,80
2T12T13	orl-mky TDLo:12740 mg/kg (91D pre)	OYYAA2 20,757,80
1T02	orl-mky TDLo:1274 mg/kg (91D male)	OYYAA2 20,757,80
1T26	orl-rbt TDLo:650 ug/kg (6-15D preg)	OYYAA2 21,41,81
1T25	orl-rbt TDLo:2600 ug/kg (6-15D preg)	OYYAA2 21,41,81
1T29	orl-rbt TDLo:1300 ug/kg (6-15D preg)	OYYAA2 21,41,81

TOXICITY DATA AND REFERENCES:

2K12M14	orl-rat LD50:5400 mg/kg	OYYAA2 20,1141,80
2R03R21	scu-rat LD50:9000 mg/kg	OYYAA2 20,1141,80
1J25	ivn-rat LD50:208 mg/kg	OYYAA2 20,1141,80
2R03R21	scu-mus LD50:5200 mg/kg	OYYAA2 20,1141,80
1J25	ivn-mus LD50:380 mg/kg	OYYAA2 20,1141,80
2K12M14	orl-rbt LD50:5655 mg/kg	OYYAA2 20,1141,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7355000 ESTRA-1,3,5(14)-TRIENE-3,17-DIOL (17-beta), 3-(BIS(2-CHLOROETHYL)CARBAMATE) 17-(DIHYDROGEN PHOSPHATE), DISODIUM SALT, HYDRATE
UPDT:8412 MW: 582.41 MOLFM: C23-H30-Cl2-N-O6-P-2Na-H2-O
SYN: ESTRACYT HYDRATE * ESTRAMUSTINE PHOSPHATE DISODIUM HYDRATE * ESTRAMUSTINE PHOSPHATE SODIUM HYDRATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5400 mg/kg	IYKEDH 14,838,83
*	scu-rat LD50:9000 mg/kg	IYKEDH 14,838,83
*	ivn-rat LD50:208 mg/kg	IYKEDH 14,838,83
*	scu-mus LD50:6900 mg/kg	IYKEDH 14,838,83
*	ivn-mus LD50:380 mg/kg	IYKEDH 14,838,83

ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL 3-(BIS(2-CHLOROETHYL)CARBAMATE)17-DISODIUM PHOSPHATE see: KG7350000
ESTRA-1,3,5(10)-TRIENE-3,17-DIOL (17-beta)-, 17-CYCLOPENTANEPROPANOATE (9CI) see: KG4600000

KG7395000 ESTRA-1,3,5(10)-TRIENE-16-alpha,17-beta-DIOL, 3-(CYCLOPENTYLOXY)-
UPDT:8405 CAS: 1169-79-5 MW: 356.55 MOLFM: C23-H32-O3
SYN: COLPOVIS * COLPOVISTER * 3-(CYCLOPENTYLOXY)ESTRA-1,3,5(10)-TRIENE-16-alpha,17-beta-DIOL * ESTRA-1,3,5(10)-TRIENE-16,17-DIOL 3-(CYCLOPENTYLOXY)- (16-alpha,17-beta)- (9CI) * ESTRIOL CYCLOPENTYL ETHER * ESTRIOL-3-CYCLOPENTYL ETHER * ESTRIOLO 3-ETERE CICLOPENTILICO (Italian) * PENTOVIS * QUINESTRADIOL * QUINESTRADOL * QUINESTRADOLO (Italian)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T53 orl-rat TDLo:713 ug/kg (16-19D preg) AOGMAU 96,83,73
1T22 orl-rat TDLo:500 ug/kg (1D preg) STEDAM 20,223,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRA-1,3,5(10)-TRIENE-16,17-DIOL, 3-(CYCLOPENTYLOXY)-, (16-alpha,17-beta)- (9CI) see: KG7395000

KG7397000 ESTRA-1,3,5(10)-TRIENE-16-alpha,17-alpha-DIOL, 3-(CYCLOPENTYLOXY)-, DIACETATE
UPDT:8406 MW: 440.63 MOLFM: C27-H36-O5
SYN: 3-(CYCLOPENTYLOXY)ESTRA-1,3,5(10)-TRIENE-16-alpha,17-alpha-DIOL DIACETATE * ESTRIOL 3-CYCLOPENTYL ETHER DIACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:1250 ug/kg (1D preg) STEDAM 20,223,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7397500 ESTRA-1,3,5(10)-TRIENE-16-alpha,17-alpha-DIOL, 3-(CYCLOPENTYLOXY)-, DIPROPIONATE
UPDT:8406 MW: 468.69 MOLFM: C29-H40-O5
SYN: 3-(CYCLOPENTYLOXY)ESTRA-1,3,5(10)-TRIENE-16-alpha,17-alpha-DIOL DIPROPIONATE * ESTRIOL 3-CYCLOPENTYL ETHER DIPROPIONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:1250 ug/kg (1D preg) STEDAM 20,223,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7400000 17-beta-ESTRA-1,3,5(10)-TRIENE-3,17-DIOL, 17-DIHYDROGEN PHOSPHATE, HOMOPOLYMER
UPDT:8306 CAS: 34828-67-6
SYN: PEP * POLYESTRADIOL PHOSPHATE * ESTRADURIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 ims-man TDLo:41 mg/kg (35D male) ASUPAZ 73,199,68

TUMORIGENIC DATA AND REFERENCES:
3V03P61Q60 scu-mus TD:70 mg/kg/60D-I ATHBA3 12,209,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRA-1,3,5(10)-TRIENE-3,17-DIOL (17-beta)-DIPROPIONATE see: KG4725000
1,3,5(10)-ESTRATRIENE-3,17beta-DIOL DIPROPIONATE see: KG4725000

KG7500000 8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL, 2-ETHYL-
UPDT:8401 MW: 300.49 MOLFM: C20-H28-O2
SYN: 2-ETHYL-8-alpha-E(sub 2) * 2-ETHYL-8-alpha-ESTRADIOL * 2-ETHYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:12 mg/kg (3D pre) STEDAM 40,171,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7510000 8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL, 16-beta-ETHYL-
UPDT:8401 MW: 300.48 MOLFM: C20-H28-O2
SYN: 16-beta-ETHYL-8-alpha-E(sub 2) * 16-beta-ETHYL-8-alpha-ESTRADIOL * 16-beta-ETHYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:1200 ug/kg (3D pre) STEDAM 40,171,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL, 17-alpha-ETHYNYL- see: RC8925000

KG7535000 ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL, 4-FLUORO-
UPDT:8402 CAS: 1881-37-4 MW: 290.41 MOLFM: C18-H23-F-O2
SYN: ESTRA-1,3,5(10)-TRIENE-3,17-DIOL 4-FLUORO- (17 beta)- (9CI) * 4-FLUOROESTRADIOL * 4-FLUOROESTRA-1,3,5-(10)-TRIENE-3,17-beta-DIOL

TUMORIGENIC DATA AND REFERENCES:
2V01M61 imp-ham TDLo:360 mg/kg/15W-I MOPMA3 23,278,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRA-1,3,5(10)-TRIENE-3,17-DIOL, 4-FLUORO-, (17-beta)- (9CI) see: KG7535000

KG7550000 ESTRA-1,3,5(10)-TRIENE-16-beta,17-beta-DIOL, 3-METHOXY-16-METHYL-
UPDT:8303 CAS: 5108-96-1 MW: 315.48 MOLFM: C20-H28-O3
SYN: ANVENE * ESTRA-1,3,5(10)-TRIENE-16,17-DIOL 3-METHOXY-16-METHYL- (16-beta,17-beta)- (9CI) * MANVENE * 17-alpha-METHYLESTRIOL 3-METHYL ETHER * MYTATRIENEDIOL * SC-6924

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-rat TDLo:35 mg/kg (35D pre) ENDOAO 63,561,58
1T22 scu-mus TDLo:12 mg/kg (4-6D preg) JRPFA4 9,277,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRA-1,3,5(10)-TRIENE-16,17-DIOL, 3-METHOXY-16-METHYL-, (16-beta,17-beta)- (9CI) see: KG7550000

KG7560000 ESTRA-1,3,5(10)-TRIENE-16-beta,17-beta-DIOL, 3-METHOXY-16-alpha-METHYL-
UPDT:8302 MW: 316.48 MOLFM: C20-H28-O3
SYN: 3-METHOXY-16-alpha-METHYLESTRA-1,3,5(10)-TRIENE-16-beta,17-beta-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-rat TDLo:30 mg/kg (30D pre) RPHRA6 20,395,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7605000 8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL, 2-METHYL-
UPDT:8401
SYN: 2-METHYL-8-alpha-E(sub 2) * 2-METHYL-8-alpha-ESTRADIOL * 2-METHYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:1200 ug/kg (3D pre) STEDAM 40,171,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7606000 8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL, 16-METHYL-
UPDT:8401 MW: 286.45 MOLFM: C19-H26-O2
SYN: 16-beta-METHYL-8-alpha-E(sub 2) * 16-beta-METHYL-8-alpha-ESTRADIOL * 16-METHYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-DIOL * 16-beta-METHYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:156 ug/kg (3D pre) STEDAM 40,171,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRA-1,3,5(10)-TRIENE-3,17beta-DIOL 17-OCTANOATE see: KG4550000
ESTRA-1,3,5(10)-TRIENE-3,17-DIOL (17-beta)-, 17-PENTANOATE (9CI) see: KG5793000
(17-beta)-ESTRA-1,3,5(10)-TRIENE-3,17-DIOL POLYMER with PHOSPHORIC ACID see: KG5792000
ESTRA-1,3,5(10)-TRIENE-3,17 DIOL (17-beta)-, POLYMER with PHOSPORIC ACID see: KG5792000

KG7640000 8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL, 16-beta-PROPYL-
UPDT:8401 MW: 314.51 MOLFM: C21-H30-O2
SYN: 16-beta-PROPYL-8-alpha-E(sub 2) * 16-beta-PROPYL-8-alpha-ESTRADIOL * 16-beta-PROPYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * 16-beta-n-PROPYL-8-alpha-ESTRA-1,3,5-(10)-TRIENE-3,17-beta-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:36 mg/kg (3D pre) STEDAM 40,171,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTRA-1,3,5(10)-TRIENE-17-beta-DIOL-17-TETRAHYDROPYRANYL ETHER see: KG7742000

BEST COPY AVAILABLE

KG7660000 ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL, 17-(3,3,3-TRIFLUORO-1-PROPYNYL)-
UPDT:8401 CAS: 2061-56-5 MW: 364.44 MOLFM: C21-H23-F3-O2
SYN: BDH 6146 * ESTRA-1,3,5(10)-TRIEN-3,17-DIOL, 3-METHOXY-17-(3,3,3-TRIFLUORO-1-PROPYNYL)-, (17-beta)- * 17-(3,3,3-TRIFLUORO-1-PROPYNYL)ESTRA-1,3,5(10)-TRIEN-3,17-beta-DIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:1500 ug/kg (1-5D preg) ACENA7 53,443,66
1T13 orl-rat TDLo:255 ug/kg (3D pre) ACENA7 53,443,66
1T22 orl-mus TDLo:270 ug/kg (1-5D preg) ACENA7 53,443,66
1T13 orl-mus TDLo:1500 ng/kg (3D pre) ACENA7 53,443,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,3,5(10)ESTRATRIENE-17-ONE-3-OXO-alpha-ISOBUTYRIC ACID see: UF6080000
KG7680000 ESTRA-1,3,5(10)-TRIENE-17-THIOL, 3-METHOXY-
UPDT:8401 MW: 302.51 MOLFM: C19-H26-O-S
SYN: 3-METHOXYESTRA-1,3,5(10)-TRIENE-17-THIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTRA-1,3,5(10)-TRIENE-3,16-alpha, 17-beta-TRIOL see: KG8225000
1,3,5-ESTRATRIENE-3-beta,16-alpha,17-beta-TRIOL see: KG8225000
(16-alpha,17-beta)-ESTRA-1,3,5(10)-TRIENE-3,16,17-TRIOL see: KG8225000
KG7730400 ESTRA-1,3,5(10)-TRIENE-1,3,17-TRIOL, TRIACETATE
UPDT:8401 MW: 413.53 MOLFM: C24-H29-O6
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTRA-1,3,5(10)-TRIENE-3,16-alpha,17-beta-TRIOL, TRIACETATE (ester) see: KG8300000
KG7731000 ESTRA-1,3,5(10)-TRIEN-3-OL
UPDT:8305 CAS: 53-63-4 MW: 256.42 MOLFM: C18-H24-O
SYN: 17-DEOXYESTRADIOL * 17-DEOXYESTRONE * 17-DEOXYOESTRONE * 17-DESOXYESTRADIOL * OESTRA-1,3,5(10)-TRIEN-3-OL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T12T13T29 scu-rat TDLo:500 ug/kg (1D pre) ACENA7 49,193,65
2T02T03 scu-rat TDLo:400 ug/kg (1D male) ACENA7 49,193,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KG7731620 ESTRA-1,3,5(10)-TRIEN-3-OL, 17-alpha-(beta-D-GLUCOPYRANOSYLOXY)-
UPDT:8312 MW: 434.58 MOLFM: C24-H34-O7
SYN: 17-alpha-ESTRADIOL-17-beta-D-GLUCOSIDE * 17-alpha-(beta-D-GLUCOPYRANOSYLOXY)ESTRA-1,3,5(10)-TRIEN-3-OL
MUTATION DATA AND REFERENCES:
dni-hmn:oth 100 mg/L JTEHD6 10,143,82
KG7731690 ESTRA-1,3,5(10)-TRIEN-3-OL, 17-MERCAPTO-
UPDT:8401 MW: 288.48 MOLFM: C18-H24-O-S
SYN: 17-MERCAPTOESTRA-1,3,5(10)-TRIEN-3-OL
REPRODUCTIVE EFFECTS DATA AND REFERENCES
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KG7731700 ESTRA-1,3,5(10)-TRIEN-3-OL, 17-alpha-MERCAPTO-
UPDT:8303 MW: 288.48 MOLFM: C18-H24-O-S
SYN: 17-alpha-MERCAPTOESTRA-1,3,5(10)-TRIEN-3-OL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-rat TDLo:15 mg/kg (30D pre) RPHRA6 20,395,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KG7731800 ESTRA-1,3,5(10)-TRIEN-17-OL, 3-METHOXY-
UPDT:8401 MW: 286.45 MOLFM: C19-H26-O2
SYN: 3-METHOXYESTRA-1,3,5(10)-TRIEN-17-OL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTRA-1,3,5(10)-TRIEN-17-OL, 3-METHOXY-, (17-beta)- (9CI) see: KG7732000
KG7732000 ESTRA-1,3,5(10)-TRIEN-17-beta-OL, 3-METHOXY-
UPDT:8306 CAS: 1035-77-4 MW: 286.45 MOLFM: C19-H26-O2
SYN: ESTRADIOL 3-METHYL ETHER * 17-beta-ESTRADIOL 3-METHYL ETHER * ESTRA-1,3,5(10)-TRIEN-17-OL, 3-METHOXY-, (17-beta)- (9CI) * 3-METHOXY-ESTRA-1,3,5(10)-TRIENE-17-beta-OL * 3-METHOXYESTRA-1,3,5(10)-TRIEN-17-beta-OL * 3-METHOXYOESTRADIOL * OESTRADIOL 3-METHYL ETHER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 scu-rat TDLo:2 mg/kg (1D male) ACENA7 49,193,65
2T12T29 scu-rat TDLo:2500 ug/kg (1D pre) ACENA7 49,193,65
1T29 scu-rat TDLo:132 ug/kg (3D pre) ACENA7 47,444,64
1T24 scu-rat TDLo:1050 ug/kg (3-9D preg) ACENA7 47,444,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KG7732500 ESTRA-1,3,5(10)-TRIEN-17-OL, 3-METHOXY-4-METHYL-
UPDT:8401 MW: 300.48 MOLFM: C20-H28-O2
SYN: 3-METHOXY-4-METHYLESTRA-1,3,5(10)-TRIEN-17-OL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KG7733000 ESTRA-1,3,5(10)-TRIEN-17-OL, 3-METHOXY-, PHENYLCARBAMATE, (17-beta)-
UPDT:8408 CAS: 42085-16-1 MW: 405.58 MOLFM: C26-H31-N-O3
SYN: 17-beta-PHENYLAMINOCARBONYLOXYOESTRA-1,3,5(10)-TRIENE-3-METHYL ETHER * STS 153
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T35T71T73 orl-mus TDLo:500 mg/kg (12-16D preg) VHAGAS 71,655,77
2T34T91 orl-mus TDLo:250 mg/kg (12-16D preg) VHAGAS 71,655,77
1T75 orl-mus TDLo:25 mg/kg (12-16D preg) VHAGAS 71,655,77
3T35T53T91 orl-mus TDLo:100 mg/kg (12-16D preg) 40YJAX -,131,76
TUMORIGENIC DATA AND REFERENCES:
3V03T65T69 orl-mus TDLo:100 mg/kg (12-16D preg) AMSHAR 28,209,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,3,5-ESTRATRIEN-3-OL-17-ONE see: KG8575000
1,3,5(10)-ESTRATRIEN-3-OL-17-ONE see: KG8575000
KG7742000 ESTRA-1,3,5(10)-TRIEN-3-OL, 17-beta-(TETRAHYDRO-2H-PYRAN-2-YLOXY)-
UPDT:8306 MW: 356.55 MOLFM: C23-H32-O3
SYN: ESTRA-1,3,5(10)-TRIENE-17-beta-DIOL-17-TETRAHYDROPYRANYL ETHER * RS-2290 * 17-beta-(TETRAHYDRO-2H-PYRAN-2-YLOXY)ESTRA-1,3,5(10)-TRIEN-3-OL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:26400 ng/kg (3D pre) FESTAS 20,211,69
1T24 scu-rbt TDLo:3 mg/kg (1-3D preg) FESTAS 20,211,69
1T34 scu-rbt TDLo:1500 ug/kg (1-3D preg) FESTAS 20,211,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTRATRIEN-17-ONE see: KG7744000
KG7744000 ESTRA-1,3,5(10)-TRIEN-17-ONE
UPDT:8305 CAS: 53-45-2 MW: 254.40 MOLFM: C18-H22-O
SYN: ADOPRON * AGRESTIN * DEOXYESTRONE * 3-DEOXYESTRONE * 3-DEOXYOESTRONE * DESOXYESTRONE * ESTRATRIEN-17-ONE * OESTRA-1,3,5(10)-TRIEN-17-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 scu-rat TDLo:4 mg/kg (1D male) ACENA7 49,193,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTRA-1,3,5(10)-TRIEN-1-ONE, 16-CHLORO-, (16-alpha)- (9CI) see: KG7747000
KG7747000 ESTRA-1,3,5(10)-TRIEN-17-ONE, 16-alpha-CHLORO-
UPDT:8307 CAS: 20377-68-8 MW: 288.84 MOLFM: C18-H21-Cl-O
SYN: 16-alpha-CHLOROESTRA-1,3,5(10)-TRIEN-17-ONE * ESTRA-1,3,5(10)-TRIEN-1-ONE, 16-CHLORO-, (16-alpha)- (9CI) * SC 9263
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-rat TDLo:150 mg/kg (30D pre) RPHRA6 20,395,64
1T22 scu-mus TDLo:120 mg/kg (1-3D preg) JRPFA4 9,277,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KG7749000 ESTRA-1,3,5(10)-TRIEN-17-ONE, DIHYDRO-3-HYDROXY-
UPDT:8401 MW: 272.42 MOLFM: C18-H24-O2
SYN: DIHYDROESTRONE * DIHYDRO-3-HYDROXYESTRA-1,3,5(10)-TRIEN-17-ONE * ESTRONE, DIHYDRO-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 ipr-rbt TDLo:18 ug/kg (3-4D preg) AJPHAP 115,219,36
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KG7749500 ESTRA-1,3,5(10)-TRIEN-17-ONE, 3,4-DIHYDROXY-
UPDT:8406 MW: 286.40 MOLFM: C18-H22-O3
SYN: 3,4-DIHYDROXYESTRA-1,3,5(10)-TRIEN-17-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:30 mg/kg (1-6D preg) STEDAM 30,343,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTRA-1,3,5(10)-TRIEN-17-ONE, 3-HYDROXY- see: KG8575000
KG7755000 ESTRA-1,3,5(10)-TRIEN-17-ONE, 4-HYDROXY-3-METHOXY-
UPDT:8406 MW: 300.43 MOLFM: C19-H24-O3
SYN: 4-HYDROXY-3-METHOXY-1,3,5(10)-ESTRATRIEN-17-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:30 mg/kg (1-6D preg) STEDAM 30,343,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KG7756000 ESTRA-1,3,5(10)-TRIEN-17-ONE, 2-HYDROXY-3-METHYL-
UPDT:8406 MW: 284.43 MOLFM: C19-H24-O2
SYN: 2-HYDROXY-3-METHOXY-1,3,5(10)-ESTRATRIEN-17-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:30 mg/kg (1-6D preg) STEDAM 30,343,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTRA-1,3,5(10)-TRIEN-17-ONE, 3-HYDROXY-, O-METHYLOXIME see: KG8790000
ESTRA-1,3,5(10)-TRIEN-17-ONE, 3-(SULFOOXY)-, SODIUM SALT (9CI) see: KG8775000
ESTRATRIOL see: KG8225000
ESTRAVAL see: KG5793000
KG7882500 ESTR-5(10)-ENE-3,17-DIOL
UPDT:8401 MW: 276.46 MOLFM: C18-H28-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:1 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KG7883000 ESTR-5(10)-ENE-3,17-beta-DIOL
UPDT:8303 MW: 276.46 MOLFM: C18-H28-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-rat TDLo:150 mg/kg (30D male) RPHRA6 20,395,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTR-4-ENE-3,17-DIOL, DIPROPANOATE, (3-beta,17-beta)- (9CI) see: KG7885000
KG7884000 ESTR-4-ENE-3,17-beta-DIOL, DIPROPIONATE
UPDT:8303 MW: 388.60 MOLFM: C24-H36-O4
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-rat TDLo:150 mg/kg (30D pre) RPHRA6 20,395,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KG7885000 ESTR-4-ENE-3-beta,17-beta-DIOL, DIPROPIONATE
UPDT:8303 CAS: 1986-53-4 MW: 388.60 MOLFM: C24-H36-O4
SYN: ANABIOL * BOLANDIOL DIPROPIONATE * 4-ESTRENE-3-beta,17-beta-DIOL 3,17-DIPROPIONATE * ESTR-4-ENE-3,17 DIOL, DIPROPANOATE, (3-beta,17-beta)- (9CI) * SC-7525 * STORINAL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 scu-rat TDLo:48 mg/kg (12D male) INJFA3 13,95,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
4-ESTRENE-3-beta,17-beta-DIOL 3,17-DIPROPIONATE see: KG7885000
ESTRENOL, ALLYL- see: KG7960000
KG7960000 ESTR-4-EN-17-beta-OL, 17-ALLYL-
UPDT:8408 CAS: 432-60-0 MW: 300.53 MOLFM: C21-H32-O
SYN: ALLYLESTRENOL * 17-alpha-ALLYLESTR-4-EN-17-beta-OL * 17-alpha-ALLYL-3-DEOXY-19-NORTESTOSTERONE * 17-alpha-ALLYL-17-beta-HYDROXY-delta(sup 4)-ESTREN * 17-alpha-ALLYL-17-beta-HYDROXY-4-ESTRENE * 17-ALLYLESTR-4-EN-17-beta-OL * 17-alpha-ALLYLHYDROXY-19-NOR-4-ANDROSTENE * ALLYLOESTRENOL * 17-alpha-ALLYL-4-OESTRENE-17-beta-OL * ESTRENOL, ALLYL- * GESTANIN * GESTANOL * GESTANON * GESTANYN * 17-HYDROXY-17-alpha-ALLYL-4-ESTRENE * ORGANON * ORAGESTON * 17-(2-PROPENYL)ESTR-4-EN-17-OL * TURINAL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-wmn TDLo:8 mg/kg (20D pre) INJFA3 9,57,64
1T53 orl-rat TDLo:900 mg/kg (13-21D preg) ACENA7 65,29,70
1T02 orl-rat TDLo:300 mg/kg (15D male) IJMRAQ 59,768,71
1T03 orl-rat TDLo:15 mg/kg (15D male) IJMRAQ 59,768,71
1T53 scu-rat TDLo:900 mg/kg (13-21D preg) ACENA7 65,29,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KG7960400 ESTR-4-EN-3-ONE, 17-alpha-ALLYL-17-HYDROXY-
UPDT:8401 MW: 315.52 MOLFM: C21-H31-O2
SYN: 17-alpha-ALLYL-17-HYDROXYESTR-4-EN-3-ONE * 17-alpha-ALLYL-17-beta-HYDROXYESTR-4-EN-3-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
1T29 scu-rbt TDLo:50 ug/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KG7960500 ESTR-4-EN-3-ONE, 17-alpha-ALLYL-17-beta-HYDROXY-
UPDT:8411 MW: 314.51 MOLFM: C21-H30-O2
SYN: 17-alpha-ALLYL-17-beta-HYDROXYESTR-4-EN-3-ONE * 17-ALLYL-19-NORTESTOSTERONE * 17-alpha-ALLYL-19-NORTESTOSTERONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rbt TDLo:3 mg/kg (1D pre) 85GRAA -,57,65

BEST COPY AVAILABLE

1T13 scu-rbt TDLo:200 ug/kg (5D pre) ANREAK 142,469,62
1T12 scu-rbt TDLo:25 ug/kg (5D pre) PSEBAA 94,717,57
1T29 scu-rbt TDLo:30 ug/kg (1D pre) 85GRAA -,57,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7961900 ESTR-4-EN-3-ONE, 17-alpha-ALLYL-17-beta-HYDROXY-
UPDT:8303 MW: 314.51 MOLFM: C21-H30-O2
SYN: 17-alpha-ALLYL-17-beta-HYDROXYESTR-4-EN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-rat TDLo:150 mg/kg (30D pre) RPHRA6 20,395,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7961940 ESTR-4-EN-3-ONE, 17-alpha-BUTADIYNYL-17-beta-HYDROXY-
UPDT:8310 MW: 322.48 MOLFM: C22-H26-O2
SYN: 17-alpha-BUTADIYNYL 17-beta-HYDROXYESTR-4-EN-3-ONE * 17-beta-HYDROXY 17-alpha-BUTADIYNYL ESTR-4-EN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:108 mg/kg (11D pre) STEDAM 4,801,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7962200 ESTR-4-EN-3-ONE, 17-alpha-(1-BUTYNYL)-17-beta-HYDROXY-
UPDT:8310 MW: 326.52 MOLFM: C22-H30-O2
SYN: 17-alpha-(1-BUTYNYL)-17-beta-HYDROXYESTR-4-EN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-rat TDLo:150 mg/kg (30D pre) RPHRA6 20,395,64
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7962300 ESTR-4-EN-3-ONE, 17-alpha-(2-BUTENYL)-17-HYDROXY-
UPDT:8401 MW: 328.54 MOLFM: C22-H32-O2
SYN: 17-alpha-(2-BUTENYL)-17 HYDROXYESTR-4-EN-3-ONE * 17-alpha-(2-BUTENYL)-17-beta-HYDROXYESTR-4-EN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:20 ug/kg (1D pre) 13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7962500 ESTR-4-EN-3-ONE, 16-beta,17-DIHYDROXY-16-METHYL-
UPDT:8401 MW: 304.47 MOLFM: C19-H28-O3
SYN: 16-beta,17-DIHYDROXY-16-METHYLESTR-4-EN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:1 mg/kg (1D pre) 13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7963000 ESTR-4-EN-3-ONE, 16-beta-ETHYL-17-beta-HYDROXY-
UPDT:8403 MW: 302.50 MOLFM: C20-H30-O2
SYN: 16-ETHYL 17-HYDROXYESTER-4-EN-3-ONE * 16-beta-ETHYL-17-beta-HYDROXYESTR-4-EN-3-ONE * 16-beta-ETHYL 17-beta-HYDROXY-4-ESTREN-3-ONE * 16-beta-ETHYL 19-NORTESTOSTERONE * OXENDOLONE * PROSTETIN * TSAA 291

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:12610 mg/kg IYKEDH 12,1204,81
* ipr-rat LD50:5880 mg/kg NIIRDN 6,157,82
* orl-mus LD50:5480 mg/kg IYKEDH 12,1204,81
* ipr-mus LD50:2980 mg/kg IYKEDH 12,1204,81

ESTR-4-EN-3-ONE, 17-HYDROXY-, (17-beta)- (9CI) see: KG7964000

KG7964000 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-
UPDT:8312 CAS: 434-22-0 MW: 274.44 MOLFM: C18-H26-O2
SYN: ESTR-4-EN-3-ONE, 17-H'DROXY- (17-beta)- (9CI) * 17-beta-HYDROESTR-4-EN-3-ONE * MENIDRABOL * NANDROLON * NANDROLONE * NORANDROSTEN'OLON * NORANDROSTENOLONE * 19-NORANDROSTENOLONE * NORTESTONATE * NORTESTOSTERONE * 19-NORTESTOSTERONE * (-)-19-NORTESTOSTERONE * OESTRENOLON

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 skn-rat TDLo:240 mg/kg (30D male) STEDAM 10,687,67
1T29 scu-rat TDLo:1200 ug/kg (3D pre) ACENA7 47,444,64
1T24 scu-rat TDLo:140 mg/kg (3-9D preg) ACENA7 47,444,64
2T12T29 scu-rat TDLo:1400 ug/kg (14D pre) CCPTAY 5,489,72
1T13 scu-rat TDLo:700 ug/kg (14D pre) CCPTAY 5,489,72
1T13 ivg-mus TDLo:6400 ng/kg (1D pre) JOENAK 20,198,60
1T13 scu-rbt TDLo:2 mg/kg (5D pre) ANREAK 142,469,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7964500 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-, BROMOACETATE
UPDT:8401
SYN: 17-beta-BA-19-NT * 17-beta-BROMOACETOXY-19-NORTESTOSTERONE * ESTR-4-EN-3-ONE-17-beta-OL BROMOACETATE * 17-beta-HYDROXYESTR-4-EN-3-ONE BROMOACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 scu-rat TDLo:50 mg/kg (7-10D preg) AJOGAH 121,864,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7967000 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-, DECANOATE
UPDT:8401 CAS: 360-70-3 MW: 428.72 MOLFM: C28-H44-O3
SYN: DECA-DURABOL * DECA-DURABOLIN * ESTR-4-EN-3-ONE, 17-((1-OXODECYL)OXY)-, (17-beta)- (9CI) * 17-beta-HYDROXYESTR-4-EN-3-ONE DECANOATE * NANDROLONE DECANOATE * NORANDROSTENOLONE DECANOATE * 19-NORANDROSTENOLONE DECANOATE * NORTESTOSTERONE DECANOATE * 19-NORTESTOSTERONE DECANOATE * RETABOLIL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 par-rat TDLo:5 mg/kg (1D pre) ARGYAJ 221,103,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7985000 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-, O-(2,4-DINITROPHENYL)OXIME
UPDT:8401 CAS: 33514-81-7 MW: 455.56 MOLFM: C24-H29-N3-O6
SYN: 17-beta-HYDROXYESTR-4-EN-3-ONE O-(2,4-DINITROPHENYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:80 mg/kg (9-12D preg) JMCMAR 20,1546,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG7995000 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-, HYDROCINNAMATE
UPDT:8408 CAS: 62-90-8 MW: 406.61 MOLFM: C27-H34-O3
SYN: DURABOLIN * ESTR-4-EN-3-ONE, 17-((1-OXO-3-PHENYLPROPOXY)-, (17-beta)- (9CI) * FENOBOLIN * 17-beta-HYDROXY-ESTRA-4,EN-3,ONE, 17-PHENYLPROPIONATE * NANDROLONE PHENPROPIONATE * NANDROLONE PHENYLPROPIONATE * NEROBIL * NEROBIOLIL * NORANDROLONE PHENYLPROPIONATE * NORANDROSTENOLONE PHENYLPROPIONATE * NORTESTOSTERONE PHENYLPROPIONATE * NPP * NTPP * PHENOBOLIN * 17-beta-PHENYLPROPIONYLOXY-4-ESTREN-3-ONE * SUPERANABOLON

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-rat TDLo:14850 ug/kg (11D male) ARZNAD 26,1673,76
1T25 scu-rat TDLo:60 mg/kg (7-12D preg) STEDAM 18,731,71
1T53 scu-rat TDLo:600 mg/kg (17-20D preg) AVSIB9 13,71,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BIREBV 8,259,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG8000000 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-17-alpha-METHYL-
UPDT:8411 MW: 288.47 MOLFM: C19-H28-O2
SYN: 17-beta-HYDROXY-17-METHYLESTR-4-EN-3-ONE * METALUTIN * METHALUTIN * METHYLESTRENOLONE * 17-alpha-METHYL 17-beta-HYDROXY-4-ESTREN-3-ONE * METHYLNORTESTOSTERONE * 17-METHYL 19-NORTESTOSTERONE * 17-alpha-METHYL-19-NORTESTOSTERONE * METHYLOESTRENOLONE * NORMETANDRONE * NORMETHANDROLONE * NORMETHANDRONE * 19-NOR 17-alpha-METHYLTESTOSTERONE * ORGASTERON

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T31T53 orl-wmn TDLo:18 mg/kg (12-24W preg) BRGOAY 28,137,58
1T25 orl-rat TDLo:20 mg/kg (6-9D preg) OYYAA2 15,955,78
1T34 orl-rat TDLo:200 mg/kg (6-9D preg) OYYAA2 15,955,78
2T03T09 orl-rat TDLo:14 mg/kg (7D male) ACENA7 22,318,56
1T02 orl-rat TDLo:112 mg/kg (14D male) ANYAA9 71,500,58
1T14 orl-rat TDLo:60 mg/kg (12D pre) ARZNAD 29,95,79
1T53 scu-rat TDLo:17500 ug/kg (15-21D preg) ACENA7 38,128,61
1T34 scu-rat TDLo:2 mg/kg (6-9D preg) OYYAA2 15,955,78
1T25 scu-rat TDLo:20 mg/kg (6-9D preg) OYYAA2 15,955,78
1T13 unk-rat TDLo:150 mg/kg (30D pre) RPHRA6 20,395,64
1T34 orl-mus TDLo:20 mg/kg (6-7D preg) OYYAA2 15,955,78
1T25 orl-mus TDLo:200 mg/kg (6-7D preg) OYYAA2 15,955,78
1T13 orl-mus TDLo:1600 ug/kg (1D pre) 85GRAA -,150,65
1T34 scu-mus TDLo:2 mg/kg (6-7D preg) OYYAA2 15,955,78
1T25 scu-mus TDLo:20 mg/kg (6-7D preg) OYYAA2 15,955,78
1T13 scu-mus TDLo:1280 ug/kg (1D pre) 85GRAA -,150,65
1T29 orl-rbt TDLo:200 ug/kg (1D pre) 85GRAA -,57,65
1T13 scu-rbt TDLo:5 mg/kg (5D pre) ANREAK 142,469,62
1T12 scu-rbt TDLo:25 ug/kg (5D pre) PSEBAA 94,717,57
1T29 scu-rbt TDLo:50 ug/kg (1D pre) ENDOAO 59,695,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG8005000 ESTR-5(10)-EN-3-ONE, 17-beta-HYDROXY-17-alpha-METHYL-
UPDT:8303 MW: 288.47 MOLFM: C19-H28-O2
SYN: 17-beta-HYDROXY-17-alpha-METHYLESTR-5(10)-EN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-rat TDLo:30 mg/kg (30D pre) RPHRA6 20,395,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG8010000 ESTR-4-EN-3-ONE, 17-HYDROXY-7-alpha-METHYL-, 17-ACETATE
UPDT:8403 MW: 314.51 MOLFM: C21-H30-O2
SYN: 17-HYDROXY-7 alpha-METHYL 4-ESTREN-3-ONE 17-ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-ham TDLo:60 mg/kg (3-8D preg) STEDAM 27,759,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG8011000 ESTR-5-EN-3-ONE, 17-beta-HYDROXY-7-alpha-METHYL-, 17-ACETATE
UPDT:8403 MW: 330.51 MOLFM: C21-H30-O3
SYN: 17-beta-HYDROXY-7-alpha-METHYL-5-ESTREN-3-ONE 17-ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-ham TDLo:36 mg/kg (3-8D preg) STEDAM 27,759,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG8017000 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-17-alpha-(1-METHYLALLYL)-
UPDT:8411 MW: 328.54 MOLFM: C22-H32-O2
SYN: 17-beta-HYDROXY-17-alpha-(1-METHYLALLYL)ESTR-4-EN-3-ONE * 17-alpha-(1-METHALLYL)-19-NORTESTOSTERONE * SC-8117

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-rat TDLo:17500 ug/kg (35D pre) ENDOAO 63,561,58
1T13 unk-rat TDLo:150 mg/kg (30D pre) RPHRA6 20,395,64
1T29 scu-rbt TDLo:10 ug/kg (1D pre) 85GRAA -,57,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG8020000 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-17-(2-METHYLALLYL)-
UPDT:8403 CAS: 2529-46-6 MW: 326.52 MOLFM: C22-H30-O2
SYN: ESTR-4-EN-3-ONE, 17-beta-HYDROXY-17-alpha-(2-METHYLALLYL)- * ESTR-4-EN-3-ONE, 17-HYDROXY-17-(2-METHYL 2-PROPENYL)-, (17-beta)- (9CI) * 17-beta-HYDROXY-17-alpha-(2-METHYLALLYL)ESTR-4-EN-3-ONE * 17-beta-HYDROXY-17-(2-METHYLALLYL)ESTR-4-EN-3-ONE * METHALLYL 19-NORTESTOSTERONE * 17-alpha-(2-METHYLALLYL) 19-NORTESTOSTERONE * MNT * SC-9022

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T14T21 scu-rat TDLo:500 ug/kg (1D pre) ENDOAO 63,566,58
1T35 scu-rat TDLo:500 ug/kg (16D preg) CRSBAW 155,967,61
1T22 scu-rat TDLo:17500 ug/kg (35D pre) ENDOAO 63,561,58
1T13 unk-rat TDLo:75 mg/kg (30D pre) RPHRA6 20,395,64
1T29 unk-mus TDLo:60 mg/kg (1D pre) FESTAS 12,346,61
1T13 scu-rbt TDLo:50 ug/kg (5D pre) ANREAK 142,469,62
1T29 scu-rbt TDLo:50 ug/kg (1D pre) 13OPAL -,37,61
1T29 unk-rbt TDLo:50 ug/kg (1D pre) ENDOAO 63,464,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ESTR-4-EN-3-ONE, 17-beta-HYDROXY-17-alpha-(2-METHYLALLYL)- see: KG8020000
ESTR-4-EN-3-ONE, 17-HYDROXY-17-(2-METHYL-2-PROPENYL)-, (17-beta)- (9CI) see: KG8020000

KG8031000 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-, O-(o-NITROPHENYL)OXIME
UPDT:8401 CAS: 64584-78-7 MW: 410.56 MOLFM: C24-H30-N2-O4
SYN: 17-beta-HYDROXYESTR-4-EN-3-ONE O-(o-NITROPHENYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:160 mg/kg (9-12D preg) JMCMAR 20,1546,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG8031100 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-, O-(p-NITROPHENYL)OXIME
UPDT:8401 CAS: 33510-67-7 MW: 410.56 MOLFM: C24-H30-N2-O4
SYN: 17-beta-HYDROXYESTR-4-EN-3-ONE O-(p-NITROPHENYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:80 mg/kg (9-12D preg) JMCMAR 20,1546,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG8032000 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-, O-PHENYLOXIME
UPDT:8401 CAS: 53224-67-2 MW: 365.56 MOLFM: C24-H31-N-O2
SYN: 17-beta-HYDROXYESTR-4-EN-3-ONE O-PHENYLOXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:160 mg/kg (9-12D preg) JMCMAR 20,1546,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG8033000 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-17-PROPYL-
UPDT:8401 MW: 316.53 MOLFM: C21-H32-O2
SYN: 17-beta-HYDROXY-17-PROPYLESTR-4-EN-3-ONE * 17-beta-HYDROXY 17-alpha-PROPYLESTR-4-EN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
1T29 scu-rbt TDLo:100 ug/kg (1D pre) 13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG8033100 ESTR-5(10)-EN-3-ONE, 17-beta-HYDROXY-17-PROPYL-
UPDT:8401 MW: 316.53 MOLFM: C21-H32-O2
SYN: 17-beta-HYDROXY 17-PROPYLESTR-5(10)-EN-3-ONE * 17-beta-HYDROXY 17-alpha-PROPYLESTR-5(10)-EN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG8035000 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-17-alpha-(1-PROPYNYL)-
UPDT:8312 MW: 312.49 MOLFM: C21-H28-O2
SYN: ESTR-4-EN-3-ONE, 17-beta-HYDROXY-17-(1-PROPYNYL) * 17-beta-HYDROXY-17-(1-PROPYNYL)ESTR-4-EN-3-ONE * 17-beta-HYDROXY-17-alpha-(1-PROPYNYL)ESTR-4-EN-3-ONE * 21-METHYLNORETHISTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-wmn TDLo:6 mg/kg (20D pre)	PRSMA4 53,435,60
1T13	unk-rat TDLo:75 mg/kg (30D pre)	RPHRA6 20,395,64
1T29	orl-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61
1T29	scu-rbt TDLo:200 ug/kg (1D pre)	13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTR-4-EN-3-ONE, 17-beta-HYDROXY-17-(1-PROPYNYL)- see: KG8035000

KG8036000 ESTR-4-EN-3-ONE, 17-beta-HYDROXY-, O-(2-PYRIDYL)OXIME
UPDT:8401 CAS: 53290-01-0 MW: 366.55 MOLFM: C23-H30-N2-O2
SYN: 17-beta-HYDROXYESTR-4-EN-3-ONE O-(2-PYRIDYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:80 mg/kg (9-12D preg)	JMCMAR 20,1546,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTR-4-EN-3-ONE-17-beta-OL BROMOACETATE see: KG7964500
ESTR-4-EN-3-ONE, 17-((1-OXODECYL)OXY)-, (17-beta)- (9CI) see: KG7967000
ESTR-4-EN-3-ONE, 17-(1-OXO-3-PHENYLPROPOXY)-, (17-beta)- (9CI) see: KG7995000
ESTREPTOCIDA see: WO8400000
ESTRIFOL see: GL1224000
ESTRIL see: WJ5600000
ESTRIN see: KG8575000

KG8225000 ESTRIOL
UPDT:8407 CAS: 50-27-1 MW: 288.42 MOLFM: C18-H24-O3
SYN: AACIFEMINE * COLPOVISTER * DESTRIOL * DEUSLON-A * ESTRA-1,3,5(10)-TRIENE-3,16-alpha,17-beta-TRIOL * 1,3,5-ESTRATRIENE-3-beta,16-alpha,17-beta-TRIOL * (16-alpha,17-beta)-ESTRA-1,3,5(10)-TRIENE-3,16,17-TRIOL * ESTRATRIOL * 3,16-alpha,17-beta-ESTRIOL * 16-alpha,17-beta-ESTRIOL * ESTRIOLO (Italian) * FOLLICULAR HORMONE HYDRATE * GYNAEFSAN * HEMOSTYPTANON * HOLIN * HORMOMED * HORMONIN * 16-alpha-HYDROXYESTRADIOL * 16-alpha-HYDROXYOESTRADIOL * KLIMORAL * NSC-12169 * OE3 * OESTRA-1,3,5(10)-TRIENE-3,16-alpha,17-beta-TRIOL * 1,3,5-OESTRATRIENE-3-beta,16-alpha,17-beta-TRIOL * (16-alpha,17-beta)-OESTRA-1,3,5(10)-TRIENE-3,16,17-TRIOL * OESTRATRIOL * OESTRIOL * 3,16-alpha,17-beta-OESTRIOL * 16-alpha,17-beta-OESTRIOL * ORGASTYPTIN * OVESTERIN * OVESTINON * OVESTRION * OVESTIN * STIPTANON * SYNAPAUSE * THEELOL * THULOL * TRIDESTRIN * 3,16-alpha,17-beta-TRIHYDROXY-DELTA-1,3,5-ESTRATRIENE * 3,16-alpha,17-beta-TRIHYDROXY-DELTA-1,3,5-OESTRATRIENE * 3,16-alpha,17-beta-TRIHYDROXYESTRA-1,3,5(10)-TRIENE * TRIHYDROXYESTRIN * 3,16-alpha,17-beta-TRIHYDROXYOESTRA-1,3,5(10)-TRIENE * TRIHYDROXYOESTRIN * TRIODURIN * TRIOVEX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:17500 ug/kg (35D pre)	INJFA3 10,327,65
1T24	orl-rat TDLo:3 mg/kg (1-4D preg)	JRPFA4 26,363,71
1T53	orl-rat TDLo:577 ug/kg (16-19D preg)	AOGMAU 96,83,75
1T13	orl-rat TDLo:8440 ng/kg (1D pre)	JMCMAR 23,329,80
1T25	orl-rat TDLo:5 mg/kg (5D preg)	CCPTAY 14,487,76
2T24T34	scu-rat TDLo:250 ug/kg (4-8D preg)	ZDBEA9 (3),63,82
2T26T27	scu-rat TDLo:50 ug/kg (1D preg)	FESTAS 7,301,56
1T71	scu-rat TDLo:350 ug/kg (7D pre)	FESTAS 7,301,56
3T12T13T29	scu-rat TDLo:500 ug/kg (1D male)	ACENA7 49,193,65
2T02T03	scu-rat TDLo:400 ug/kg (1D male)	ACENA7 49,193,65
1T24	scu-rat TDLo:85 ug/kg (7D pre/1-10D preg)	JRPFA4 26,139,71
1T24	par-rat TDLo:105 ug/kg (1-7D preg)	JRPFA4 26,143,71
2T03T23	scu-mus TDLo:100 mg/kg (10D male)	FESTAS 24,687,73
1T24	scu-rbt TDLo:60 ug/kg (1-3D preg)	AJOGAH 117,167,73
1T29	ims-rbt TDLo:25 ug/kg (1-3D preg)	FESTAS 10,155,59
1T24	iut-rbt TDLo:760 ng/kg (28D pre/1-10D preg)	FESTAS 28,262,77
1T24	scu-ham TDLo:3200 ug/kg (2-5D preg)	JRPFA4 26,365,71

TUMORIGENIC DATA AND REFERENCES:

2V02R60	imp-mus TDLo:26 mg/kg	EJCAAH 11,39,75
2V03T64	imp-gpg TDLo:20 mg/kg	RBBIAL 5,1,45
2V03M61	imp-ham TDLo:480 mg/kg/64W-C	NCIMAV 1,1,59
2V02R60	imp-mus TD :34 mg/kg	EJCAAH 11,39,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; CANCAR 40,1825,77

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 21,327,79
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 21,327,79
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 6,117,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
3,16-alpha,17-beta-ESTRIOL see: KG8225000
16-alpha,17-beta-ESTRIOL see: KG8225000
ESTRIOL CYCLOPENTYL ETHER see: KG7395000
ESTRIOL 3-CYCLOPENTYL ETHER see: KG7395000
ESTRIOL-3-CYCLOPENTYL ETHER DIACETATE see: KG7397000
ESTRIOL-3-CYCLOPENTYL ETHER DIPROPIONATE see: KG7397500
ESTRIOLO (Italian) see: KG8225000
ESTRIOLO 3-ETERE CICLOPENTILICO (Italian) see: KG7395000

KG8300000 ESTRIOL, TRIACETATE
UPDT:8303 MW: 414.54 MOLFM: C24-H30-O6
SYN: ESTRA-1,3,5(10)-TRIENE-3,16-alpha,17-beta-TRIOL, TRIACETATE (ester) * OESTRIOL TRIACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:4320 ug/kg (1-4D preg)	JRPFA4 26,363,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTROATE see: GL1224000
ESTROBEN see: WJ5775000
ESTROBEN DF see: WJ5775000
ESTROBENE see: WJ5600000
ESTROBENE see: WJ5775000
ESTROBENE DP see: WJ5775000
ESTROCON see: GL1224000
ESTRODIENOL see: SL05P0000
ESTROFOL see: TR2725000
ESTROFOL B see: TR2725000
ESTROFOL Ow see: TR2725000
ESTROFURATE see: JF7952000
ESTROGEN see: RC8925000
ESTROGENIN see: WJ5775000

KG8455000 ESTROGENS, extract from plant RED CLOVER
DEF:Estrogens include FORMONONETIN (40%), BIOCHANIN-A (55%), GENISTEIN (3%) and DAIDZEIN (2%)(NOVTAV 25,91,73)
UPDT:8305

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-rat TDLo:1046 mg/kg (7D pre)	NOVTAV 25,91,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KG8456000 ESTROGENS, extract from plants RED CLOVER AND TIMOTHY
DEF:Estrogens include FORMONONETIN (48.5%), BIOCHANIN-A (48.5%), GENISTEIN (2%) andDAIDZEIN (1%) (NOVTAV 25,91,73)
UPDT:8305

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T13T22	orl-rat TDLo:976 mg/kg (28D pre)	NOVTAV 25,91,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTROICI see: KG4725000
ESTROL see: KG8575000
ESTROMED see: GL1224000
ESTROMENIN see: WJ5600000
ESTRON see: KG8575000
ESTRONA (Spanish) see: KG8575000

KG8575000 ESTRONE
UPDT:8412 CAS: 53-16-7 MW: 270.40 MOLFM: C18-H22-O2
SYN: AQUACRINE * CRINOVARYL * CRISTALLOVAR * CRYSTOGEN * DELTA-1,3,5-ESTRATRIEN-3-beta-OL-17-ONE * DELTA-1,3,5-OESTRATRIEN-3-beta-OL-17-ONE * DESTRONE * DISYNFORMON * Elsub 1) * ENDOFOLLICULINA * ESTERONE * 1,3,5-ESTRATRIEN-3-OL-17-ONE * 1,3,5(10)-ESTRATRIEN-3-OL-17-ONE * ESTRA-1,3,5(10)-TRIEN-17-ONE, 3-HYDROXY- * ESTRIN * ESTROL * ESTRON * ESTRONA ((Spanish) * ESTRONE-A * ESTRUGENONE * ESTRUSOL * FEMESTRONE INJECTION * FEMOVYN * FOLIKRIN * FOLIPEX * FOLISAN * FOLLESTRINE * FOLLICULAR HORMONE * FOLLICULIN * FOLLICULINE * FOLLICULINE BENZOATE * FOLLICUNODIS * FOLLIDRIN * GLANDUBOLIN * HIESTRONE * HORMOFOLLIN * HORMOVARINE * 3-HYDROXYESTRA-1,3,5(10)-TRIEN-17-ONE * 3-HYDROXY-17-KETO-ESTRA-1,3,5-TRIENE * 3-HYDROXY-17-KETO-OESTRA-1,3,5-TRIENE * 3-HYDROXY-OESTRA-1,3,5(10)-TRIEN-17-ONE * 3-HYDROXY-1,3,5(10)-OESTRATRIEN-17-ONE * KETESTRONE * KETODESTRIN * KETOHYDROXY-ESTRATRIENE * KETOHYDROXYESTRIN * KETOHYDROXYOESTRIN * KOLPON * MENAGEN * MENFORMON * 1,3,5-OESTRATRIEN-3-OL-17-ONE * 1,3,5(10)-OESTRATRIEN-3-OL-17-ONE * OESTRIN * OESTROFORM * OESTRONE * OESTROPEROS * OVEX * OVIFOLLIN * PERLATAN * SOLLICULIN * THEELIN * THELESTRIN * THELYKININ * THYNESTRON * TOKOKIN * UNDEN * WYNESTRON

MUTATION DATA AND REFERENCES:

	dnd-rat-orl 870 nmol/kg	CBINA8 23,13,78
	cyt-rat-ipr 10 mg/kg	CUSCAM 50,425,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T04	imp-man TDLo:1586 ug/kg (60D male)	CCPTAY 25,591,82
1T13	orl-rat TDLo:100 ug/kg (1D pre)	IJEBA6 15,1144,77
1T03	orl-rat TDLo:560 ug/kg (14D male)	ANYAA9 71,500,58
1T02	orl-rat TDLo:2240 ug/kg (14D male)	ANYAA9 71,500,58
1T13,	orl-rat TDLo:4945 mg/kg (1D pre)	JMCMAR 23,329,80
2T02T03	skn-rat TDLo:12 mg/kg (30D male)	STEDAM 10,687,67
1T13	ipr-rat TDLo:1250 ng/kg (1D pre)	TXAPA9 18,343,71
1T13	scu-rat TDLo:1500 ng/kg (3D pre)	INJFA3 24,188,79
2T02T03	scu-rat TDLo:500 ug/kg (60D male)	ENDKAC 49,55,65
1T29	scu-rat TDLo:10 ug/kg (3D preg)	ENDOAO 77,873,65
1T85	scu-rat TDLo:50 ug/kg (9D preg)	BEXBAN 74,1255,72
1T35	scu-rat TDLo:10 ug/kg (2D preg)	INJFA3 14,56,69
1T22	scu-rat TDLo:25 ug/kg (2D preg)	INJFA3 14,56,69
1T24	scu-rat TDLo:50 ug/kg (2D preg)	ENDOAO 63,566,58
2T26T29	par-rat TDLo:25 ug/kg (2D preg)	FESTAS 12,178,61
1T29	unk-rat TDLo:500 ug/kg (1D pre)	15QWAW -,195,65
1T13	orl-mus TDLo:40 ug/kg (3D pre)	JRPFA4 5,331,63
2T43T27	scu-mus TDLo:28 mg/kg (12-16D preg)	PSEBAA 97,809,58
1T13	scu-mus TDLo:2520 ng/kg (3D pre)	FESTAS 20,211,69
1T29	unk-mus TDLo:40 mg/kg (1D pre)	FESTAS 12,346,61
1T13	ivg-mus TDLo:48 ng/kg (1D pre)	JOENAK 20,198,60
1T13	orl-mky TDLo:6250 ug/kg (5D pre)	IJEBA6 15,1144,77
1T29	orl-rbt TDLo:300 ug/kg (1-3D preg)	FESTAS 16,281,65
2T24T31	orl-rbt TDLo:630 ug/kg (6-8D preg)	FESTAS 16,281,65
1T24	ipr-rbt TDLo:225 ug/kg (3-4D preg)	AJPHAP 115,219,36
1T29	scu-rbt TDLo:200 ug/kg (1D pre)	13OPAL -,37,61
1T25	scu-rbt TDLo:5300 ug/kg (15-25D preg)	JPETAB 49,146,33
1T24	scu-rbt TDLo:6 ug/kg (1-3D preg)	FESTAS 20,211,69
1T29	ims-rbt TDLo:5 ug/kg (1-3D preg)	FESTAS 10,155,59
2T31T39	ims-rbt TDLo:13 ug/kg (9D preg)	AJOGAH 111,1083,71
1T24	unk-rbt TDLo:3 ug/kg (1-3D preg)	CCPTAY 2,85,70
1T22	orl-ham TDLo:24 mg/kg (1-3D preg)	FESTAS 16,281,65
1T29	par-ham TDLo:2 mg/kg (1D pre)	JRPFA4 35,612,73
1T02	imp-ham TDLo:160 mg/kg (58W male)	ENDOAO 57,255,55
1T13	ipr-mam TDLo:12500 ng/kg (1D pre)	TXAPA9 18,348,71

TUMORIGENIC DATA AND REFERENCES:

2V03R60	imp-rat TDLo:16 mg/kg	CNREA8 13,147,53
3V02R60V15	orl-mus TDLo:11 mg/kg/68W-C	BIMDB3 29,45,78
3V02P62R60	scu-mus TDLo:108 mg/kg/90W-I	ZEKBAI 56,482,49
2V03R60	par-mus TDLo:1200 ug/kg/W-I	COREAF 195,630,32
3V03P61P62	imp-mus TDLo:48 mg/kg	YJBMAU 17,75,44
2V03T64	scu-gpg TDLo:40 mg/kg/18W-I	CRSBAW 130,9,39
2V03T64	imp-gpg TDLo:640 ug/kg	BSBSAS 8,142 51
2V03M61	imp-ham TDLo:320 mg/kg/59W-C	NCIMAV 1,1,59
2V03T64	imp-gpg TD :2 mg/kg	RBBIAL 5,1,45
2V03V10	imp-gpg TD :1800 ug/kg	RCBIAS 3,108,44
2V03R60	imp-rat TD :80 mg/kg	PCCRA4 6,50,66
2V03M61	imp-ham TD :640 mg/kg/38W-I	CNREA8 43,5200,83
3V03R60V15	scu-mus TD :48 mg/kg/24W-I	JNCIAM 1,119,40

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADVPA3 4,263,66; JTEHD6 3(1-2),243,77; CANCAR 40,1825,77; ACRSAJ 1,173,53; PEXTAR 5,157,64

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 6,123,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 21,343,79
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 21,343,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTRONE-A see: KG8575000

KG8750000 ESTRONE, BENZOATE
UPDT:8401 CAS: 2393-53-5 MW: 374.51 MOLFM: C25-H26-O3
SYN: BENZOATE d'OESTRONE (French) * 3-(BENZOYLOXY)ESTRA-1,3,5(10)-TRIEN-17-ONE * 3-HYDROXYESTRA-1,3,5(10)-TRIEN-17-ONE BENZOATE * KETOHYDROXYESTRIN BENZOATE * KETOHYDROXYOESTRIN BENZOATE * OESTRONBENZOAT (German)

TUMORIGENIC DATA AND REFERENCES:

2V03R60	scu-rat TDLo:80 mg/kg/87W-I	CRSBAW 137,325,43
3V02P62R60	scu-mus TDLo:760 ug/kg/19W-I	ZEKBAI 56,482,49
3V03R60V15	scu-mus TD :6450 ug/kg/43W-I	JPBAA7 42,169,36

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 21,343,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTRONE, DIHYDRO- see: KG7749000

KG8775000 ESTRONE, HYDROGEN SULFATE, SODIUM SALT
UPDT:8405 CAS: 438-67-5 MW: 373.45 MOLFM: C18-H22-O5-S Na
SYN: CONESTORAL * ESTRA-1,3,5(10)-TRIEN-17-ONE, 3-(SULFOOXY)-, SODIUM SALT (9CI) * ESTRONE SODIUM SULFATE * ESTRONE SULFATE SODIUM * ESTRONE SULFATE SODIUM SALT * ESTRONE-3-SULFATE SODIUM SALT * EVEX * MORESTIN * OESTRONE 3-SULPHATE SODIUM SALT * SODIUM ESTRONE SULFATE * SODIUM ESTRONE-3-SULFATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	scu-ctl TDLo:304 ug/kg (9D pre)	JRPFA4 55,191,79

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTRONE 17-METHOXIME see: KG8790000
KG8790000 ESTRONE, O-METHYLOXIME
UPDT:8401 MW: 287.44 MOLFM: C18-H25-N-O2
SYN: ESTRA-1,3,5(10)-TRIEN-17-ONE, 3-HYDROXY-, O-METHYLOXIME * ESTRONE 17-METHOXIME
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:40 mg/kg (7D pre/1-9D preg) CCPTAY 12,505,75
1T22 scu-rat TDLo:8 mg/kg (7D pre/1-9D preg) CCPTAY 12,505,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ESTRONE SODIUM SULFATE see: KG8775000
ESTRONE SULFATE SODIUM see: KG8775000
ESTRONE SULFATE SODIUM SALT see: KG8775000
ESTRONE-3-SULFATE SODIUM SALT see: KG8775000
ESTRONEX see: KG4725000
ESTROPAN see: GL1224000
ESTRORAL see: SL0580000
ESTROSEL see: TC0350000
ESTROSOL see: TC0350000
ESTROSTILBEN see: WJ5775000
ESTROSYN see: WJ5600000
ESTROVIS see: RC8948000
ESTROVIS 4000 see: RC8948000
ESTROVISTER see: RC8948000
ESTROVITE see: KG2975000
ESTRU BENZYLOWEGO KWASU NIKOTYNOWEGO (Polish) see: QT0850000
ESTRUGENONE see: KG8575000
ESTRUMATE see: MJ9652000
ESTRUSOL see: KG8575000
ESTULIC see: CY1481000
ESTYRENE see: AT6970000
ESTYRENE 4-62 see: WL6475000
ESTYRENE AS see: AT6978000
ESTYRENE G 15 see: WL6475000
ESTYRENE G 20 see: WL6475000
ESTYRENE G-P 4 see: WL6475000
ESTYRENE H 61 see: WL6475000
ESTYRENE 500SH see: WL6475000
ESUCOS see: KL8000000
ESZ see: NO8350000
ET 14 see: TG0525000
ET-15 see: TB5950000
ET 57 see: TG0525000
ET67 see: KV9750000
ET-394 see: VN8925000
ET 495 see: UV9704000
ETABUS see: JO1225000
ETACRINIC ACID see: AG6600000
ETAFENONE HYDROCHLORIDE see: UH0350000
ETAFOS see: TF0370000
ETAIN (TETRACHLORURE D') (French) see: XP8750000
ETAKRINIC ACID see: AG6600000
ETAMBRO see: BS5950000
ETAMBUTOL see: EL3854000
ETAMICAN see: DJ2900000
ETAMIDE see: CV4900000
ETAMINAL SODIUM see: CQ6125000
ETAMIPHYLLINE HYDROCHLORIDE see: XH5095500
ETAMIPHYLLINE METHESCULETOL see: PC9450000 METHESCULETOL THEOPHYLLINE
ETAMIPHYLLIN HYDROCHLORIDE see: XH5095500
ETAMSYLATE see: DB6145000
ETANAUTINE see: KR6825000
ETANOLAMINA (Italian) see: KJ5775000
ETANOLO (Italian) see: KQ6300000
ETANTIOLO (Italian) see: KI9625000
ETAPERAZIN see: TL7175000
ETAPERAZINE see: TL7175000
ETAPHOS see: TF0370000
ETAVIT see: DJ2900000
ETAZINE see: XY4980000
ETCHLORVINOL see: SB4725000
ETCMTB see: XI3875000
3',4'-Et2-DAB see: BX3675000
ETEM see: NI2935500
ETERE ETILICO (Italian) see: KI5775000
ETERILATE see: DG0929000 BENZOIC ACID, 2-(ACETYLOXY)-, 2-(4-(ACETYLAMINO)PHENOXY)ETHYLESTER
ETEROBARB see: CQ0560000
ETEROBARBITAL see: CQ0560000
ETERYLATE see: DG0929000 BENZOIC ACID, 2-(ACETYLOXY)-, 2-(4-(ACETYLAMINO)PHENOXY)ETHYLESTER
ETH see: ES6825200
ETH see: NS0350C00
ETH 28829 see: ED7325000
ETHAANTHIOL (Dutch) see: KI9625000
ETHACRIDINE LACTATE see: OD4725000
ETHACRYNIC ACID see: AG6600000
ETHAL see: MM0225000
ETHAL LA-X see: JR5955000
ETHAMBUTOL DIHYDROCHLORIDE see: EL3854000
ETHAMBUTOL HYDROCHLORIDE see: EL3854000
ETHAMBUTOL mixed with SODIUM NITRITE (1:1) see: EL3855000
ETHAMIDE see: DG9400000
ETHAMIDINDOLE see: CZ2268000
ETHAMINAL see: CQ5775000
ETHAMINAL see: CQ6125000
ETHAMINAL SODIUM see: CQ6125000
ETHAMOXYTRIPHETOL see: KK5550000
ETHAMSYLATE see: DB6145000
ETHAN see: OB4200000
ETHANAL see: AB1925000
ETHANAL OXIME see: AB2975000
ETHANAMIDE see: AB4025000
KH2100000 ETHANAMINE
UPDT:8408 CAS: 75-04-7 MW: 45.10 MOLFM: C2-H7-N
SYN: AETHYLAMINE (German) * AMINOETHANE * 1-AMINOETHANE * ETHYLAMINE * ETHYLAMINE (DOT) * ETILAMINA (Italian) * ETYLOAMINA (Polish) * MONOETHYLAMINE * MONOETHYLAMINE (DOT) * MONOETHYLAMINE, ANHYDROUS (DOT) * UN 1036 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 5 mg SEV UCDS** 4/25/58
eye-rbt 50 ppm/10D-I SEV AMIHBC 3,287,51
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:400 mg/kg AMIHBC 10,61,54
* ihl-rat LCLo:3000 ppm/4H AEHLAU 1,343,60
* skn-rbt LD50:390 mg/kg AEHLAU 1,343,60
ivn-rbt LDLo:350 mg/kg HBAMAK 4,1295,35
* ihl-mam LC50:2300 mg/m3 TPKVAL 14,80,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31
★ TLV-TWA 10 ppm DTLVS* 4,175,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ppm (SCP-K) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S144
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KH2155000 ETHANAMINE, (aqueous solution)
UPDT:8312 CAS: 75-04-7 MW: 45.10 MOLFM: C2-H7-N
SYN: ETHYLAMINE SOLUTION, in water, concentrations up to 70% (DOT) * MONOMETHYLAMINE AQUEOUS SOLUTION (DOT) * UN 2270 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ETHANAMINE, 2-(4-(1,2-BIS(4-METHOXYPHENYL)-3-METHYL-1-BUTENYL)PHENOXY)-N,N-DIETHYL-HCl see: YE0620000
ETHANAMINE, 2-BROMO- (9CI) see: KQ8090000
ETHANAMINE, 2-((3-BUTYL-1-ISOQUINOLINYL)OXY)-N,N-DIMETHYL-, MONOHYDROCHLORIDE see: NW6950000
ETHANAMINE, 2-CHLORO-N-(2-CHLOROETHYL)-N-METHYL-, HYDROCHLORIDE see: IA2100000
ETHANAMINE, 2-CHLORO-N-(2-CHLOROETHYL)-N-METHYL-, N-OXIDE, HYDROCHLORIDE (9CI) see: IA2275000
ETHANAMINE, 2-(4-(2-CHLORO-1,2-DIPHENYLETHENYL)PHENOXY)-N,N-DIETHYL-, (E)- (9CI) see: YE0810000
ETHANAMINE, 2-(4-(2-CHLORO-1,2-DIPHENYLETHENYL)PHENOXY)-N,N-DIETHYL-, (Z)- (9CI) see: YE0820000
ETHANAMINE, 2-CHLORO-N-METHYL-N-NITROSO- (9CI) see: KR1970000
ETHANAMINE, 2-(1-(4-CHLOROPHENYL)-1-PHENYLETHOXY)-N,N-DIMETHYL-, HYDROCHLORIDE (9CI) see: KR2975000
ETHANAMINE, 2-((4-CHLOROPHENYL)-2-PYRIDINYLMETHOXY)-N,N-DIMETHYL-, (Z)-2-BUTENEDIOATE (1:1) see: US6350000
ETHANAMINE, 2-CYANO-N-(2-CYANOETHYL)- see: UG2975000
ETHANAMINE, N,N-DIETHYL- see: YE0175000
ETHANAMINE, N,N-DIETHYL-2-(4-(6-METHOXY-2-PHENYL-1H-INDEN-3-YL)PHENOXY)-, HYDROCHLORIDE see: YE2113400
ETHANAMINE, N,N-DIETHYL-2-(4-(2-(4-METHOXYPHENYL)-1-PHENYLETHYL)PHENOXY)- (9CI) see: YE2113440
KH2334500 ETHANAMINE, N,N-DIETHYL-2-(2-(2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)ETHOXY)-, 2-HYDROXY- 1,2,3-PROPANETRICARBOXYLATE (1:1)
UPDT:8408 CAS: 74550-91-7 MW: 462.52 MOLFM: C12-H22-N4-O3 C6-H8-O7
SYN: DA 3854
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/L TCMUD8 3,429,83
KH2335000 ETHANAMINE, N,N-DIETHYL-2-((10-METHYL-7-NITRO-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZIN-1-YL) OXY)-
UPDT:8402 CAS: 64610-57-7 MW: 359.43 MOLFM: C17-H21-N5-O4
SYN: 10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE, 1-(2-(DIETHYLAMINO)ETHOXY)-10-METHYL-7-NITRO-
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:270 mg/kg KHFZAN 11(7),14,77
ETHANAMINE, N,N-DIETHYL-2-(4-(2-NITRO-1,2-DIPHENYLETHENYL)PHENOXY)-, CITRATE see: YE2140000
KH2343000 ETHANAMINE, 2-(4-(3,4-DIHYDRO-2,2-DIMETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)- N,N-DIETHYL-, HYDROCHLORIDE, trans-
UPDT:8403 CAS: 84394-07-0 MW: 496.14 MOLFM: C30-H37-N-O3 Cl-H
SYN: trans-2,2-DIMETHYL-3-PHENYL-4-(p-(beta-(DIETHYLAMINO)ETHOXY)PHENYL)-7-METHOXYCHROMAN HCl
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:2100 ug/kg (1-7D preg) JMCMAR 26,592,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KH2345000 ETHANAMINE, 2-(4-(3,4-DIHYDRO-2,2-DIMETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)- N,N-DIMETHYL-, HYDROCHLORIDE, trans-
UPDT:8403 CAS: 84394-08-1 MW: 468.08 MOLFM: C28-H33-N-O3 Cl-H
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:63 mg/kg (1-7D preg) JMCMAR 26,592,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANAMINE, N,N-DIMETHYL-2,2-DIPHENOXY- (9CI) see: AB2825300
ETHANAMINE, 1,1-DIMETHYL-2-PHENYL- see: SH4025000
ETHANAMINE, N,N-DIMETHYL-2-(1-PHENYL-1-(2-PYRIDINYL)ETHOXY)- (9CI) see: US9250000
KH2387000 ETHANAMINE, 2-(4-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N,N-DIMETHYL-, (Z)-, 2-HYDROXY- 1,2,3-PROPANETRICARBOXYLATE (1:1)
UPDT:8405 CAS: 54965-24-1 MW: 563.70 MOLFM: C26-H29-N-O C6-H8-O7
SYN: trans-1-(p-beta-DIMETHYLAMINOETHOXYPHENYL)-1,2-DIPHENYLBUT-1-ENE CITRATE * ICI 46,474 * NOLVADEX * TAMOXIFEN CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:200 ug/kg (4D preg) BIREBV 3,61,70
1T24 orl-rat TDLo:90 ug/kg (2-4D preg) JRPFA4 13,101,67
1T13 orl-rat TDLo:300 ug/kg (3D pre) JRPFA4 13,101,67
2T02T03 orl-rat TDLo:24500 ug/kg (35D male) JZKEDZ 6,1,80
1T29 orl-rat TDLo:100 ug/kg (1D pre) ENDOAO 87,542,70
2T12T13 orl-rat TDLo:500 ug/kg (1D pre) ENDOAO 87,542,70
1T24 ivn-rat TDLo:50 ug/kg (4D preg) JOENAK 37,83,67
1T29 ivn-rat TDLo:500 ug/kg (1D pre) ENDOAO 87,542,70
1T24 orl-mus TDLo:5 mg/kg (3-7D preg) JRPFA4 13,101,67
2T25T72 orl-rbt TDLo:34 mg/kg (10-26D preg) JRPFA4 48,367,76
1T16 orl-rbt TDLo:14 mg/kg (20-26D preg) JRPFA4 48,367,76
2T22T24 ims-rbt TDLo:1500 ug/kg (1-3D preg) BIREBV 14,451,76
1T29 orl-ham TDLo:500 ug/kg (1D pre) ENDOAO 87,542,70
TOXICITY DATA AND REFERENCES:
3F07J25U01 orl-rat LD50:1190 mg/kg JZKEDZ 6,1,80
3F07J25U01 ipr-rat LD50:575 mg/kg JZKEDZ 6,1,80
* orl-mus LD50:3100 mg/kg JRPFA4 13,101,67
* ipr-mus LD50:218 mg/kg NIIRDN 6,440,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

ETHANAMINE, 2-(4-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N,N-DIMETHYL-, CITRATE, (E)- see: KR6712000
ETHANAMINE, 2-(4-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N-METHYL-, (Z)- (9CI) see: KR6712700
ETHANAMINE, 2-(4-(2,4-DIPHENYL-3-FURANYL)PHENOXY)-N,N-DIETHYL- see: YE1780000
ETHANAMINE, 2-(DIPHENYLMETHOXY)-N,N-DIMETHYL-, HYDROCHLORIDE see: KR7000000
ETHANAMINE, N-ETHYL- see: HZ8750000
ETHANAMINE, N-ETHYL-, HYDROCHLORIDE (9CI) see: IA3084000
ETHANAMINE, N-METHYL-2-((2-METHYLPHENYL)PHENYLMETHOXY)-, HYDROCHLORIDE see: KR9100000

KH2560000 ETHANAMINIUM, 2-(2-(ACETYLOXY)-1-OXOPROPOXY)-N,N,N-TRIMETHYL-, CHLORIDE
UPDT:8406 CAS: 38939-85-4 MW: 472.07 MOLFM: C20-H40-N2-O8 Cl
SYN: ACETOXY-METHYL ACETYLCHOLINE CHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3000 mg/kg USXXAM #3903137
* scu-mus LD50:170 mg/kg USXXAM #3903137

KH2570000 ETHANAMINIUM, 2-(2-(ACETYLOXY)-1-OXOPROPOXY)-N,N,N-TRIMETHYL-, 1,5-NAPHTHALENEDISULFONATE (2:1)
UPDT:8408 CAS: 55077-30-0 MW: 361.42 MOLFM: C10-H20-N-O4 .1/2C10-H6-O6-S2
SYN: ABOVIS * (2-ACETYLLACTOYLOXYETHYL)TRIMETHYLAMMONIUM HEMI-1,5-NAPHTHALENEDISULFONATE* * (2-ACETYLLACTOYLOXYETHYL)TRIMETHYLAMMONIUM 1,5-NAPHTHALENEDISULFONATE * 2-(2-(ACETYLOXY)-1-OXOPROPOXY)-N,N,N-TRIMETHYLETHANAMINIUM 1,5-NAPHTHALENEDISULFONATE (2:1) * ACLATONIUM NAPADISILATE * CHOLINE 1,5-NAPHTHALENEDISULFONATE (2:1), DILACTATE, DIACETATE * TM 723
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:60 gm/kg (30D male) OYYAA2 18,749,79
2I34T46 orl-mus TDLo:600 gm/kg (9W male/2W pre-6D preg) OYYAA2 18,923,79
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:15 gm/kg IYKEDH 12,1204,81
3F11J22M10 scu-rat LD50:986 mg/kg OYYAA2 13,497,77
3F11J22M10 ivn-rat LD50:46 mg/kg OYYAA2 13,497,77
* orl-mus LD50:15 gm/kg USXXAM #3903137
3F11J22M10 scu-mus LD50:826 mg/kg OYYAA2 13,497,77
* ivn-mus LD50:41900 ug/kg IYKEDH 12,1204,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KH2580000 ETHANAMINIUM, 2-(2-(ACETYLOXY)-1-OXOPROPOXY)-N,N,N-TRIMETHYL-, p-TOLUENESULFONATE (2:1)
UPDT:8406 MW: 607.82 MOLFM: C20-H40-N2-O8 C7-H7-O3-S
SYN: ACETOXY-METHYLACETIC ACID TRIMETHYLAMMONIUMETHYL ESTER TOLUENE-4-SULFONATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:10 g/kg USXXAM #3903137
* scu-mus LD50:625 mg/kg USXXAM #3903137

ETHANAMINIUM, 2-(ACETYLOXY)-N,N,N-TRIMETHYL- (9CI) see: FZ9700000
ETHANAMINIUM, 2-(ACETYLOXY)-N,N,N-TRIMETHYL-, CHLORIDE see: FZ9800000
ETHANAMINIUM, 2-(AMINOCARBONYL)OXY-N,N,N-TRIMETHYL-, CHLORIDE see: GA0875000
ETHANAMINIUM, 2-((AMINO(IMINO)METHYL)THIO)-N,N,N-TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE (9CI) see: RQ4160000 AMMONIUM, (2-(AMIDINOTHIO)ETHYL)TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE
ETHANAMINIUM, 2-CHLORO-N,N,N-TRIMETHYL- (9CI) see: BP5100000
ETHANAMINIUM, 2-CHLORO-N,N,N-TRIMETHYL-, CHLORIDE (9CI) see: BP5250000
ETHANAMINIUM, 2-((CYCLOHEXYLHYDROXYPHENYLACETYL)OXY)-N,N-DIETHYL-N-METHYL-, BROMIDE (9CI) see: BP7625000
ETHANAMINIUM, 2-((CYCLOPENTYLHYDROXY-2-THIENYLACETYL)OXY)-N,N-DIETHYL-N-METHYL-, BROMIDE see: BP7525000

KH2737000 ETHANAMINIUM, N-(9-(2,4-DICARBOXYPHENYL)-6-(DIETHYLAMINO)-3H-XANTHEN-3-YLIDENE)-N-ETHYL-, CHLORIDE, DISODIUM SALT
UPDT:8312 CAS: 37299-86-8 MW: 567.03 MOLFM: C29-H29-N2-O5 Cl 2Na
SYN: ACID RED 388 * RHODAMINE WT
MUTATION DATA AND REFERENCES:
dnd-ham:ovr 80 mmol/L MUREAV 118,117,83
sce-ham:ovr 12 mmol/L MUREAV 118,117,83
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:430 mg/kg TXAPA9 44,225,78

ETHANAMINIUM, 2-((DICYCLOPENTYLACETYL)OXY)-N,N,N-TRIETHYL-, BROMIDE see: BR1210000
ETHANAMINIUM, N,N-DIETHYL-2-((HYDROXYPHENYL-2-THIENYLACETYL)OXY)-N-METHYL-, BROMIDE (9CI) see: BP7627000
ETHANAMINIUM, N,N-DIETHYL-N-METHYL-2-((9H-XANTHEN-9-YLCARBONYL)OXY)-, BROMIDE (9CI) see: BP7632500
ETHANAMINIUM, 2-((4,5-DIHYDRO-1H-IMIDAZOL-2-YL)THIO)-N,N,N-TRIMETHYL-, BROMIDE, HYDROBROMIDE see: BR6430000 AMMONIUM, (2-(2-IMIDAZOLIN-2-YLTHIO)ETHYL)TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE
ETHANAMINIUM, 2,2'-((1,4-DIOXO-1,4-BUTANEDIYL)BIS(OXY))BIS(N,N,N-TRIMETHYL-, DICHLORIDE see: GA2360000
ETHANAMINIUM, 2,2'-((1,4-DIOXO-1,4-BUTANEDIYL)BIS(OXY))BIS(N,N,N-TRIMETHYL-, DIIODIDE (9CI) see: GA5250000
ETHANAMINIUM, 2,2'-((1,4-DIOXO-1,4-BUTANEDIYL)DIIMINO)BIS(N,N,N-TRIETHYL-, DIIODIDE see: BS4319000
ETHANAMINIUM, 2,2'-((1,4-DIOXO-1,4-BUTANEDIYL)DIIMINO)BIS(N,N,N-TRIMETHYL-, DIIODIDE see: BS4319500
ETHANAMINIUM, 2,2'-((1,4-DIOXO-2-BUTENE-1,4-DIYL)DIIMINO)BIS(N,N,N-TRIMETHYL-, DIIODIDE see: BT5210000
ETHANAMINIUM, 2,2'-((1,2-DIOXO-1,2-ETHANEDIYL)DIIMINO)BIS(N,N,N-TRIETHYL-, DIIODIDE see: BR9808300
ETHANAMINIUM, 2,2'-((1,2-DIOXO-1,2-ETHANEDIYL)DIIMINO)BIS(N,N,N-TRIMETHYL-, DIIODIDE see: BR9808400
ETHANAMINIUM, 2,2'-((1,6-DIOXO-1,6-HEXANEDIYL)DIIMINO)BIS(N,N,N-TRIETHYL-, DIIODIDE see: BQ2430000
ETHANAMINIUM, 2,2'-((1,6-DIOXO-1,6-HEXANEDIYL)DIIMINO)BIS(N,N,N-TRIMETHYL-, DIIODIDE see: BQ2432000
ETHANAMINIUM, 2,2'-((1,5-DIOXO-1,5-PENTANEDIYL)DIIMINO)BIS(N,N,N-TRIETHYL-, DIIODIDE see: BQ6905000
ETHANAMINIUM, 2,2'-((1,5-DIOXO-1,5-PENTANEDIYL)DIIMINO)BIS(N,N,N-TRIMETHYL-, DIIODIDE see: BQ6906000
ETHANAMINIUM, 2,2'-((1,3-DIOXO-1,3-PROPANEDIYL)DIIMINO)BIS(N,N,N-TRIETHYL-, DIIODIDE see: BR6810000
ETHANAMINIUM, 2,2'-((1,3-DIOXO-1,3-PROPANEDIYL)DIIMINO)BIS(N,N,N-TRIMETHYL-, DIIODIDE see: BR6811000
ETHANAMINIUM, 2-(((ETHYLAMINO)IMINOMETHYL)THIO)-N,N,N-TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE see: BQ3980000
ETHANAMINIUM, N-ETHYL-2-HYDROXY-N,N-DIMETHYL- see: BQ5460000
ETHANAMINIUM, N-ETHYL-2-((HYDROXYDIPHENYLACETYL)OXY)-N,N-DIMETHYL-, CHLORIDE (9CI) see: BQ5600000
ETHANAMINIUM, 2-HYDROXY-N,N,N-TRIMETHYL- (9CI) see: FZ9625000

KH2975000 ETHANAMINIUM, 2-HYDROXY-N,N,N-TRIMETHYL-, CHLORIDE
UPDT:8403 CAS: 67-48-1 MW: 139.65 MOLFM: C5-H14-N-O Cl
SYN: AMMONIUM (2-HYDROXYETHYL)TRIMETHYL, CHLORIDE * BIOCOLINA * CHOLINE CHLORIDE * CHOLINE CHLORHYDRATE * CHOLINE HYDROCHLORIDE * CHOLINIUM CHLORIDE * CHLORIDE DE CHOLINE (French) * HEPACHOLINE * (2-HYDROXYETHYL)TRIMETHYLAMMONIUM CHLORIDE * LIPOTRIL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3400 mg/kg PSEBAA 58,87,45
ipr-rat LD50:400 mg/kg TXAPA9 12,486,68
3D17F12J25 orl-mus LD50:3900 mg/kg ARZNAD 33,1016,83
ipr-mus LD50:320 mg/kg PSEBAA 51,281,42
scu-mus LDLo:740 mg/kg JPETAB 25,315,25
3D17F12J25 ivn-mus LD50:53 mg/kg ARZNAD 33,1016,83
ivn-dog LDLo:5 mg/kg HBAMAK 4,1289,35
ivn-cat LDLo:25 mg/kg HBAMAK 4,1289,35
3D26F12J30 ipr-rbt LDLo:500 mg/kg JIDIAQ 42,473,28
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

ETHANAMINIUM, 2-HYDROXY-N,N,N-TRIMETHYL-, salt with 2-HYDROXYBENZOIC ACID (1:1) (9CI) see: GA6475000

KH2979000 ETHANAMINIUM, 2-HYDROXY-N,N,N-TRIMETHYL-, HYDROXY(2-HYDROXY-1,2,3-PROPANETRICARBOXYLATO(4-)) FERRATE(1-)
UPDT:8412 CAS: 1336-80-7 MW: 402.21 MOLFM: C6-H10-Fe-O10 C5-H14-N-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5500 mg/kg AJMSA9 241,296,61
* ipr-mus LD50:151 mg/kg AJMSA9 241,296,61
* ivn-mus LD50:210 mg/kg AJMSA9 241,296,61
* ivn-dog LD50:140 mg/kg AJMSA9 241,296,61

ETHANAMINIUM, 2-HYDROXY-N,N,N-TRIMETHYL-, SALT with 3,7-DIHYDRO-1,3-DIMETHYLPURINE-2,6-DIONE see: GA7420000
ETHANAMINIUM, 2,2'-(METHYLIMINO)BIS(N-ETHYL-N,N-DIEMTHYL-, DIBROMIDE (9CI) see: BR8050000
ETHANAMINIUM, 2-((3-METHYL-2-PHENYLVALERYL)OXY)-N,N,N-DIETHYL-N-METHYL-, BROMIDE (9CI) see: BP7600000
ETHANAMINIUM, 2,2'-(1,4-PHENYLENEBIS(CARBONYLIMINO))BIS(N,N,N-TRIMETHYL-, DIIODIDE see: BS5338000
ETHANAMINIUM, N,N,N-TRIETHYL-, PERCHLORATE see: BS7366000
ETHANAMINIUM, N,N,N-TRIMETHYL-2-(((1-METHYLETHOXY)(4-NITROPHENOXY)PHOSPHINYL)OXY)-, BROMIDE see: FZ9890000
ETHANAMINIUM, N,N,N-TRIMETHYL-2-((4-NITROBENZOYL)OXY)-, CHLORIDE (9CI) see: GA2155000
ETHANAMINIUM, N,N,N-TRIMETHYL-2-((2-NITROBENZOYL)OXY)-, IODIDE (9CI) see: GA4850010
ETHANAMINIUM, N,N,N-TRIMETHYL-2-((3-NITROBENZOYL)OXY)-, IODIDE (9CI) see: GA4850000
ETHANDIAL see: MD2625000
1,2-ETHANDIOL see: KW2975000
ETHANDROSTATE see: TU5570080

KH3800000 ETHANE
UPDT:8312 CAS: 74-84-0 MW: 30.08 MOLFM: C2-H6
SYN: BIMETHYL * DIMETHYL * ETHANE (DOT) * ETHANE, compressed (DOT) * ETHANE, refrigerated liquid (DOT) * ETHYL HYDRIDE * METHYLMETHANE * UN 1035 (DOT) * UN 1961 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHANE, 1-AMINO-2-(3,4,5-TRIMETHOXYPHENYL)- see: SI2625000

KH4025000 ETHANE, AZO-
UPDT:8406 CAS: 821-14-7 MW: 86.16 MOLFM: C4-H10-N2
SYN: AZOAETHAN (German) * AZOETHANE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ihl-rat TCLo:1250 mg/kg/1H (15D preg) IARCCD 4,45,73
TUMORIGENIC DATA AND REFERENCES:
3V01T65A60 ihl-rat TCLo:37 mg/kg/1H (22D preg) IARCCD 4,45,73
3V03L60P61 scu-rat TDLo:1250 mg/kg/26W-I ZEKBAI 67,31,65
3V03T65A60 ihl-rat TC :4000 ppm/1H (15D preg) FCTXAV 6,584,68
3V03T65A60 ihl-rat TC :300 mg/kg/1H (15D preg) EXPEAM 24,561,68
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:2200 mg/kg ZEKBAI 67,31,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHANE, AZOXY- see: HM2970000
ETHANE, 2,2-BIS(p-ANISYL)-1,1,1-TRICHLORO- see: KJ3675000

KH5250000 ETHANE, 1,2-BIS((2-CHLOROETHYL)SULFONYL)-
UPDT:8303 CAS: 3944-87-4 MW: 283.20 MOLFM: C6-H12-Cl2-O4-S2
SYN: 1,2-BIS((2-CHLOROETHYL)SULFONYL)ETHANE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:125 mg/kg CBCCT* 5,60,53

KH5450000 ETHANE, 1,2-BIS(CHLOROMETHOXY)-
UPDT:8401 CAS: 13483-18-6 MW: 159.02 MOLFM: C4-H8-Cl2-O2
SYN: BIS-1,2-(CHLOROMETHOXY)ETHANE * ETHYLENE GLYCOL BIS(CHLOROMETHYL)ETHER
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:8640 mg/kg/72W-I CNREA8 35,2553,75
2V02V10 ipr-mus TDLo:940 mg/kg/78W-I CNREA8 35,2553,75
2V02V10 scu-mus TDLo:970 mg/kg/81W-I CNREA8 35,2553,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 15,31,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KH5483000 ETHANE, 1,1-BIS(p-CHLOROPHENYL)-2-CHLORO-1,2-EPOXY-
UPDT:8303 CAS: 79133-02-1 MW: 299.58 MOLFM: C14-H9-Cl3-O
SYN: 1,1-BIS(p-CHLOROPHENYL)-2-CHLORO-1,2-EPOXYETHANE * OXIRANE, 2,2-BIS(p-CHLOROPHENYL)-2-CHLORO-
MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate CBINA8 35,159,81

KH5600000 ETHANE, BIS(2-DIMETHYLAMINOETHOXY)
UPDT:8307 CAS: 3065-46-1 MW: 204.36 MOLFM: C10-H24-N2-O2
SYN: BIS(2-DIMETHYLAMINOETHOXY)ETHANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:1200 mg/kg AIHAAP 30,470,69

KH5790000 ETHANE, 2,2-BIS(p-ETHYLPHENYL)-1,1-DICHLORO-
UPDT:8412 CAS: 72-56-0 MW: 307.28 MOLFM: C18-H20-Cl2
SYN: 1,1-BIS(p-ETHYLPHENYL)-2,2-DICHLOROETHANE * 2,2-BIS(p-ETHYLPHENYL)-1,1-DICHLOROETHANE * 1,1-DICHLORO-2,2-BIS(p-ETHYLPHENYL)ETHANE * 1,1-DICHLORO-2,2-BIS(4-ETHYLPHENYL)ETHANE * 2,2-DICHLORO-1,1-BIS(p-ETHYLPHENYL)ETHANE * α,α-DICHLORO-2,2-BIS(p-ETHYLPHENYL)ETHANE * DIETHYL DIPHENYL DICHLOROETHANE * DI(p-ETHYLPHENYL)DICHLOROETHANE * ETHANE, 1,1-DICHLORO-2,2-BIS(p-ETHYLPHENYL)- * ETHYLAN * p,p ETHYL DDD * p,p-ETHYL-DDD * NCI-C02868 * PERTHANE * Q-137
MUTATION DATA AND REFERENCES:
mma-sat 333 ug/plate NTPTB* APR 82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T24T31 scu-mus TDLo:900 mg/kg (6-14D preg) NTIS** PB223-160
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:210 gm/kg/2Y-C TUMOAB 66,277,80
2V03L60 orl-mus TD :547 gm/kg/2Y-C NCITR* NCI-CG-TR 156,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6600 mg/kg SPEADM 74-1,-,74

BEST COPY AVAILABLE

1F11 ivn-rat LD50:73 mg/kg AIPTAK 103,404,55
orl-mus LD50:6600 mg/kg 31ZOAD 1,142,68
1F11 ivn-mus LD50:173 mg/kg AIPTAK 103,404,55
* orl-bwd LD50:9000 mg/kg DOEAAM 35,25,79

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE (NCITR* NCI-CG-TR-156,79)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KH5880000 ETHANE, 2,2-BIS(p-IODOPHENYL)-1,1-DICHLORO-
UPDT:8405 MW: 502.94 MOLFM: C14-H10-Cl2-I2
SYN: 2,2-BIS(p-IODOPHENYL)-1,1-DICHLOROETHANE * alpha,alpha-DICHLORO-beta,beta-BIS(p-IODOPHENYL)ETHYLENE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMAB 43,495,54

KH5900000 ETHANE, 2,2-BIS(p-METHOXYPHENYL)-1,1-1-TRICHLORO- mixed with O,O-DIETHYL O-(2-ISOPROPYL- 4-METHYL-6-PYRIMIDINYL)PHOSPHOROTHIOATE
UPDT:8309 CAS: 59928-80-2
SYN: ALFA-TOX * DIAZINON mixed with METHOXYCHLOR * METHOXYCHLOR mixed with DIAZINON

IRRITATION DATA AND REFERENCES:
skn-rbt 150 mg open MOD CIGET* -,-,77
eye-rbt 30 mg MOD CIGET* -,-,77

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2000 mg/kg FMCHA2 -,C9,83
skn-rbt LD50:8 gm/kg CIGET* -,-,77

KH6400000 ETHANE, 1,1-BIS(2,4-XYLYL)-2,2,2-TRICHLORO-
UPDT:8303 CAS: 5810-86-6 MW: 341.72 MOLFM: C18-H19-Cl3
SYN: 1,1-BIS(2,4-XYLYL)-2,2,2-TRICHLOROETHANE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:9800 mg/kg AIPTAK 73,128,46

KH6440000 ETHANE, 1,1-BIS(3,4-XYLYL)-2,2,2-TRICHLORO-
UPDT:8303 CAS: 60350-05-2 MW: 341.72 MOLFM: C18-H19-Cl3
SYN: 1,1-BIS(3,4-XYLYL)-2,2,2-TRICHLOROETHANE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:8400 mg/kg AIPTAK 73,128,46

KH6475000 ETHANE, BROMO-
UPDT:8412 CAS: 74-96-4 MW: 108.98 MOLFM: C2-H5-Br
SYN: BROMOETHANE * BROMURE D'ETHYLE * ETHYL BROMIDE * ETHYL BROMIDE (DOT) * ETYLU BROMEK (Polish) * HALON 7201 * MONOBROMOETHANE * NCI-C55481 * UN 1891 (DOT)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1350 mg/kg 85GMAT -,65,82
* ihl-rat LCLo:148 ppt/15M AMIHBC 6,435,52
ipr-rat LD50:1750 mg/kg JPCEAO 320,133,78
2F07K12 ihl-mus LC50:16230 ppm/1H AMRL** TR-72-62,72
ipr-mus LD50:2850 mg/kg JPCEAO 320,133,78

REVIEW AND REFERENCES:
★ TLV-TWA 200 ppm; STEL 250 ppm DTLVS* 4,177,00

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm (SCP-H) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S106
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

KH6500000 ETHANE, 1-BROMO-2-CHLORO-
UPDT:8402 CAS: 107-04-0 MW: 143.42 MOLFM: C2-H4-Br-Cl
SYN: sym-CHLOROBROMOETHANE * 1-CHLORO-2-BROMOETHANE * ETHYLENE CHLOROBROMIDE

MUTATION DATA AND REFERENCES:
mma-sat 1 mmol/L CRNGDP 2,499,81
mma-sat 10 umol/plate EVHPAZ 21,79,77
dnr-esc 10 uL/plate EVHPAZ 21,79,77
dnd-mus-ipr 500 umol/kg CRNGDP 4,1491,83
msc-ham:ovr 200 umol/L MUREAV 90,183,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:64 mg/kg 28ZEAL 4,73,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KH6550000 ETHANE, 2-BROMO-2-CHLORO-1,1,1-TRIFLUORO-
UPDT:8408 CAS: 151-67-7 MW: 197.39 MOLFM: C2-H-Br-Cl-F3
SYN: BROMOCHLOROTRIFLUOROETHANE * 2-BROMO-2-CHLORO-1,1,1-TRIFLUOROETHANE * CHALOTHANE * FLUOROTANE * FLUOTHANE * FTOROTAN (Russian) * HALOTAN * HALOTHANE * HALSAN * NARCOTANE * NARCOTANN NE-SPOFA (Russian) * 1,1,1-TRIFLUORO-2-BROMO-2-CHLOROETHANE * 1,1,1-TRIFLUORO-2-CHLORO-2-BROMOETHANE * 2,2,2-TRIFLUORO-1-CHLORO-1-BROMOETHANE

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg SEV FEPRA7 35,729,76

MUTATION DATA AND REFERENCES:
sln-dmg-ihl 1 ppb/14D ANESAV 50,510,79
sln-dmg-orl 3450 ppb/24H-C MUREAV 91,225,81
oms-grh-ihl 2105 mg/L MUREAV 113,467,83
oms-afr:oth 1 mmol/L ECREAL 141,492,82
cyt-hmn:lym 1 pph/48H-C NSMZDZ 7,19,79
dns-rat-ihl 1000 ppm/2H-C ANESAV 30,401,69
dns-rat-orl 10 gm/kg JTEMD6 10,327,82
dni-mus-ihl 8000 ppm/24H-C CNREA8 36,3156,76
cyt-mus-fbr 1000 ppm ENVRAL 12,366,76
oms-ham:fbr 1 pph ANESAV 43,21,75
cyt-ham:lng 1 pph/48H-C NSMZDZ 7,19,79
cyt-ckn-par 10 mg ENVRAL 12,366,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 ihl-rat TCLo:12500 ppm/2H (3D preg) EVHPAZ 21,189,77
2T46T25 ihl-rat TCLo:8000 ppm/12H (9D preg) ANESAV 29,1167,68
1T34 ihl-rat TCLo:1600 ppm/8H (1-21D preg) ANESAV 48,11,78
2T33T41 ihl-rat TCLo:10 ppm/8H (1-22D preg) ENVRAL 11,40,76
1T27 ihl-rat TCLo:8 ppt/6H (7-9D preg) AAREAV 32,41,75
2T33T53 ihl-rat TCLo:10 ppm/8H (1-22D preg) ENVRAL 10,174,75
2T26T29 ihl-mus TCLo:3 ppt/4H (9W male/9W pre-21D preg) ANESAV 48,167,78
1T81 ihl-mus TCLo:1 ppt/4H (9W male/9W pre-21D preg) ANESAV 48,167,78
3T43T46T59 ihl-mus TCLo:1 pph/3H (13D preg) TJADAB 4,242,71
1T53 ihl-mus TCLo:3000 ppm/4H (9W pre/1-17D preg) ANESAV 51,532,79
1T25 ihl-mus TCLo:14 ppt/1H (8-10D preg) DABBBA 31,3599,70

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:140 mg/kg 32ZWAA 8,275,74
3L01K13U25 ihl-hmn LCLo:7000 ppm/3H ANESAV 24,29,63
3F01G10J24 ivn-man LDLo:129 mg/kg LANCAO 1,340,82
2F13F25 orl-rat LD50:5680 mg/kg GTPZAB 24(3),36,80
ihl-mus LC50:22000 ppm/10M JPETAB 86,197,46
2F13F25 orl-gpg LD50:6000 mg/kg GTPZAB 24(3),36,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 16,67,76; INTEAG 15(1),7,74; ARMCAH 25,411,74; CJSUAX 15,217,72; AASXAP 49,1,71; AACRAT 57,328,78
★ TLV-TWA 50 ppm DTLVS* 4,207,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO WASTE ANESTHETIC GASES AND VAPORS recm std-air:CL 2 ppm/1H NTIS**

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHANE, 1-BROMO-2-ETHOXY- (9CI) see: KN3950000

KH6825000 ETHANE, 1-BUTOXY-2-ETHOXY-
UPDT:8407 CAS: 4413-13-2 MW: 146.26 MOLFM: C8-H18-O2
SYN: BUTANE, 1-(2-ETHOXYETHOXY)- * 1-BUTOXY-2-ETHOXYETHANE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 20 mg open AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:2120 mg/kg AMIHBC 10,61,54

ETHANE, 1-BUTOXY-2-(2-THIOCYANATOETHOXY)- see: XK8400000

KH7175000 ETHANE, 1-BUTOXY-2-(VINYLOXY)-
UPDT:8407 CAS: 4223-11-4 MW: 144.24 MOLFM: C8-H16-O2
SYN: BUTANE, 1-(2-(ETHENYLOXY)ETHOXY)- * 2-BUTOXYETHYLVINYL ETHER * VINYL 2-(BUTOXYETHYL) ETHER

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 20 mg open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3100 mg/kg AMIHBC 10,61,54
* ihl-rat LCLo:2000 ppm/8H AMIHBC 10,61,54
* skn-rbt LD50:3000 mg/kg AMIHBC 10,61,54

KH7250000 ETHANECARBAMONITRILE, NITROSO-
UPDT:8401 CAS: 38434-77-4 MW: 99.11 MOLFM: C3-H5-N3-O
SYN: ENC * ETHYLAMINE, N-CYANO-N-NITROSO- * ETHYLNITROSOCYANAMIDE

TUMORIGENIC DATA AND REFERENCES:
3V02D09K60 orl-rat TDLo:1800 mg/kg/52W-I JJIND8 62,1523,79

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:15 mg/kg JOCEAH 38,1325,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHANECARBOXYLIC ACID see: UE5950000

KH7525000 ETHANE, CHLORO-
UPDT:8412 CAS: 75-00-3 MW: 64.52 MOLFM: C2-H5-Cl
SYN: AETHYLCHLORID (German) * AETHYLIS * AETHYLIS CHLORIDUM * ANODYNON * CHELEN * CHLOORETHAAN (Dutch) * CHLORETHYL * CHLORIDUM * CHLORAETHAN (German) * CHLORETHANE * CHLORURE D'ETHYLE (French) * CHLORYL * CHLORYL ANESTHETIC * CLOROETANO (Italian) * CLORURO DI ETILE (Italian) * ETHER CHLORATUS * ETHER HYDROCHLORIC * ETHER MURIATIC * ETHYL CHLORIDE * ETHYL CHLORIDE (DOT) * ETYLU CHLOREK (Polish) * HYDROCHLORIC ETHER * KELENE * MONOCHLORETHANE * MURIATIC ETHER * NARCOTILE * NCI-C06224 * UN 1037 (DOT)

TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:160 gm/m3/2H 85GMAT -,66,82
* ihl-mus LC50:146 gm/m3/2H 85GMAT -,66,82
ihl-gpg LCLo:4000 ppm/45M XPHBAO 185,1,29

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AIHAAP 40,A46,79
★ TLV-TWA 1000 ppm; STEL 1250 ppm DTLVS* 4,178,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-H) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S105*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 27, 1978
REPORTED IN EPA TSCA INVENTORY, 1983

KH7600000 ETHANE, CHLORODIBROMOTRIFLUORO-
UPDT:8411 CAS: 29256-79-9 MW: 276.29 MOLFM: C2-Br2-Cl-F3
SYN: CHLORODIBROMOTRIFLUOROETHANE * DIBROMOTRIFLUOROMONOCHLOROETHANE * HALON 2312

TOXICITY DATA AND REFERENCES:
* ihl-rat LCLo:25000 ppm/15M AMIHBC 6,435,52
2F05F13 ihl-mus LC50:22 gm/m3 GTPZAB 10(5),34,66

KH7630000 ETHANE, CHLORODIFLUORO-
UPDT:8312 CAS: 25497-29-4 MW: 100.50 MOLFM: C2-H3-Cl-F2
SYN: CHLORODIFLUOROETHANES (DOT) * R 142 * UN 2517 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83

KH7650000 ETHANE, 1-CHLORO-1,1-DIFLUORO-
UPDT:8408 CAS: 75-68-3 MW: 100.50 MOLFM: C2-H3-Cl-F2
SYN: 1-CHLORO 1,1-DIFLUOROETHANE * CHLORODIFLUOROETHANE (DOT) * 1-CHLORO-1,1-DIFLUOROETHANE (DOT) * alpha-CHLOROETHYLIDENE FLUORIDE * 1,1-DIFLUORO-1-CHLOROETHANE * FREON 142 * GENETRON 101 * GENETRON 142b * UN 2517 (DOT)

TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:2050 gm/m3/4H 85GMAT -,53,82
* ihl-mus LC50:1758 gm/m3/2H 85GMAT -,53,82

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHANE, 2-CHLORO-1-(DIFLUOROMETHOXY)-1,1,2-TRIFLUORO- see: KN6800000

KH7700000 ETHANE, 1-CHLORO-1,2-DINITRO-1,2,2-TRIFLUORO-
UPDT:8303 CAS: 425-11-6 MW: 208.49 MOLFM: C2-Cl-F3-N2-O4
SYN: 1-CHLORO-1,2-DINITRO-1,2,2-TRIFLUOROETHANE * TL 192

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1000 mg/m3/10M NDRC** NDCrc-132,May,42

KH7705000 ETHANE, CHLOROEPOXY-
UPDT:8403 CAS: 7763-77-1 MW: 78.50 MOLFM: C2-H3-Cl-O
SYN: CHLOROETHYLENE OXIDE * CHLOROOXIRANE * MONOCHLOROETHYLENE OXIDE * OXIRANE, CHLORO- (9CI)

MUTATION DATA AND REFERENCES:
mma-sat 400 umol/L MUREAV 32,93,75
mma-sat 400 umol/L MUREAV 58,217,78
mma-esc 1 mmol/L CBINAB 12,265,76
dnr-bcs 260 mmol/L 37ATAD -,155,77
mrc-smc 1 mmol/L TOERD9 3,131,81

BEST COPY AVAILABLE

mmo-ssp 500 umol/L — COINAV 256,315,77
mrc-ssp 40 umol/L — COINAV 256,315,77
dns-rat-ivn 5 gm/kg — CBINA8 17,239,77
dni-rat-ivn 5 gm/kg — CBINA8 17,239,77
msc-ham:lng 6 umol/L — IJCNAW 16,639,75

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:128 mg/kg/42W-I — CNREA8 40,352,80

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KH7784000 ETHANE, 1-CHLORO-1-FLUORO-
UPDT:8408 CAS: 1615-75-4 MW: 82.51 MOLFM: C2-H4-Cl-F
SYN: 1-CHLOROFLUOROETHANE * FREON 151 * MONOCHLOROMONOFLUOROETHANE

TOXICITY DATA AND REFERENCES:
* ihl-mus LC50:125 gm/m3/2H — 85GMAT -,89,82

ETHANE, (CHLOROMETHOXY)- (9CI) see: KN6430000

KH7875000 ETHANE, 1-CHLORO-1-NITRO-
UPDT:8407 CAS: 598-92-5 MW: 109.52 MOLFM: C2-H4-Cl-N-O2
SYN: 1-CHLORO-1-NITROETHANE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:620 mg/kg — HYSAAV 34(10-12),429,69
ihl-mus LC50:21 gm/m3/3H — HYSAAV 34(10-12),429,69
ipr-mus LD50:560 mg/kg — KHFZAN 10(6),53,76
scu-mus LD50:185 mg/kg — HYSAAV 34(10-12),429,69
orl-rbt LDLo:100 mg/kg — JIHTAB 22,315,40

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KH7877500 ETHANE, CHLOROPENTAFLUORO-
UPDT:8403 CAS: 76-15-3 MW: 154.47 MOLFM: C2-Cl-F5
SYN: CHLOROPENTAFLUOROETHANE * CHLOROPENTAFLUOROETHANE (DOT) * F-115 * FREON 115 * GENETRON 115 * HALOCARBON 115 * MONOCHLOROPENTAFLUOROETHANE * MONOCHLOROPENTAFLUOROETHANE (DOT) * UN 1020 (DOT)

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FAZMAE 18,365,74
★ TLV-TWA 1000 ppm — DTLVS* 4,92,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KH7880000 ETHANE, 2-(o-CHLOROPHENYL)-2-(p-CHLOROPHENYL)-1,1-DICHLORO-
UPDT:8412 CAS: 53-19-0 MW: 320.04 MOLFM: C14-H10-Cl4
SYN: BENZENE, 1-CHLORO-2-(2,2-DICHLORO-1-(4-CHLOROPHENYL)ETHYL)- * CHLODITAN * CHLODITHANE * 2-(o-CHLOROPHENYL)-2-(p-CHLOROPHENYL)-1,1-DICHLOROETHANE * o,p'-DDD * 2,4'-DDD * 1,1-DICHLORO-2,2-BIS(2,4'-DICHLOROPHENYL)ETHANE * 1,1-DICHLORO-2-(o-CHLOROPHENYL)-2-(p-CHLOROPHENYL)ETHANE * 1,1-DICHLORO-2-(p-CHLOROPHENYL)-2-(o-CHLOROPHENYL)ETHANE * o,p'-DICHLORODIPHENYLDICHLOROETHANE * 2,4'-DICHLOROPHENYLDICHLORETHANE * MITOTANE * NCI-C04933 * NSC 38721 * o,p-TDE * o,p'-TDE

MUTATION DATA AND REFERENCES:
cyt-rat:oth 10 ug/L — 34LXAP -,555,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T52T53 orl-rat TDLo:250 mg/kg (15-19D preg) — BNEOBV 26,283,75
3T26T31T34 scu-mus TDLo:900 mg/kg (6-14D preg) — NTIS** PB223-160
3T41T42T43 scu-mus TDLo:900 mg/kg (6-14D preg) — NTIS** PB223-160
1T35 scu-mus TDLo:900 mg/kg (6-14D preg) — NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:
2V03T61 orl-rat TDLo:10 gm/kg/52W-C — BAFEAG 52,89,65
3V03P62R60 ipr-rat TDLo:2500 mg/kg/7W-I — CANCAR 40(Suppl 4),1935,77
3V03J60P62 ipr-mus TDLo:9750 mg/kg/26W-I — CANCAR 40(Suppl 4),1935,77

TOXICITY DATA AND REFERENCES:
1F07 orl-man TDLo:17 gm/kg/35W — CANCAR 42,2177,78
1R03 orl-wmn TDLo:800 mg/kg/4D — CANCAR 42,2177,78
3H02P05P08 orl-wmn TDLo:11 gm/kg/15W — CANCAR 42,2177,78
3F07K12K13 orl-wmn TDLo:14 gm/kg/22W — CANCAR 42,2177,78

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 5,83,74

STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (CANCAR 40(Suppl 4),1935,77)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KH7910000 ETHANE, 2-(o-CHLOROPHENYL)-2-(p-CHLOROPHENYL)-1,1,1-TRICHLORO-
UPDT:8405 CAS: 789-02-6 MW: 354.48 MOLFM: C14-H9-Cl5
SYN: 2,2-BIS(o,p-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE * o,p'-DDT * 1,1,1-TRICHLORO-2-(o-CHLOROPHENYL)-2-(p-CHLOROPHENYL)ETHANE

MUTATION DATA AND REFERENCES:
cyt-rat:oth 10 ug/L — 34LXAP -,555,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T91 orl-rat TDLo:2150 mg/kg (1-22D preg/21D post) — BECTA6 12,373,74
1T52 orl-rat TDLo:250 mg/kg (15-19D preg) — BNEOBV 26,283,75
1T13 ipr-rat TDLo:5 mg/kg (1D pre) — TXAPA9 18,348,71
1T12 ipr-rat TDLo:67500 ug/kg (27D pre) — ENDOAO 91,1095,72
3T12T13T14 scu-rat TDLo:15 mg/kg (3D pre) — SCIEAS 181,453,73
1T13 ipr-mam TDLo:10 mg/kg (1D pre) — TXAPA9 18,343,71

TOXICITY DATA AND REFERENCES:
orl-mus LDLo:1000 mg/kg — JPETAB 88,400,46

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 48,141,73; RREVAH 59,119,75; NOALA4 41(217),271,75

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KH7975000 ETHANE, 1-(p-CHLOROPHENYL)-1,2,2,2-TETRACHLORO-
UPDT:8303 CAS: 4714-30-1 MW: 278.38 MOLFM: C8-H5-Cl5
SYN: 1-(p-CHLOROPHENYL)-1,2,2,2-TETRACHLOROETHANE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:9000 mg/kg — AIPTAK 73,128,46

KH8000000 ETHANE, CHLOROTETRAFLUORO-
UPDT:8308 CAS: 63938-10-3 MW: 136.48 MOLFM: C2-H-Cl-F4
SYN: CHLOROTETRAFLUOROETHANE * CHLOROTETRAFLUOROETHANE (DOT) * MONOCHLOROTETRAFLUOROETHANE * UN 1021 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.101,82

KH8008000 ETHANE, CHLOROTRIFLUORO-
UPDT:8312 CAS: 1330-45-6 MW: 118.49 MOLFM: C2-H2-Cl-F3
SYN: ARCTON 50 * CHLOROTRIFLUOROETHANE * CHLOROTRIFLUOROETHANE (DOT) * UN 1983 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.102,83

ETHANEDIAL see: MD2625000
ETHANEDIAL DIOXIME see: MD2850000
ETHANEDIAMIDE see: RO4900000

KH8575000 1,2-ETHANEDIAMINE
UPDT:8412 CAS: 107-15-3 MW: 60.12 MOLFM: C2-H8-N2
SYN: AETHALDIAMIN (German) * AETHYLENEDIAMIN (German) * 1,2-DIAMINOAETHAN (German) * 1,2-DIAMINO-ETHAAN (Dutch) * 1,2-DIAMINOETHANE * 1,2-DIAMINO-ETHANO (Italian) * DIMETHYLENEDIAMINE * ETHYLEENDIAMINE (Dutch) * ETHYLENDIAMINE * ETHYLENEDIAMINE * ETHYLENE-DIAMINE (French) * 1,2-ETHYLENEDIAMINE * ETHYLENE DIAMINE (DOT) * NCI-C60402 * UN 1604 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 450 mg open MOD — UCDS** 12/15/71
skn-rbt 10 mg/24H open SEV — AMIHBC 4,119,51
eye-rbt 675 ug SEV — AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:
mmo-sat 33 ug/plate — ENMUDM 5(Suppl 1),3,83
mma-sat 1 mg/plate — ENMUDM 5(Suppl 1),3,83

TOXICITY DATA AND REFERENCES:
1C10 ihl-hmn TCLo:200 ppm — AMIHBC 9,223,54
orl-rat LD50:1160 mg/kg — AMIHBC 4,119,51
ihl-rat LCLo:4000 ppm/8H — AMIHBC 4,119,51
ipr-rat LD50:76 mg/kg — TXAPA9 21,454,72
scu-rat LDLo:150 mg/kg — ZEPTAT 17,59,15
* ihl-mus LC50:300 mg/m3 — 85GMAT -,66,82
ipr-mus LD50:200 mg/kg — CHTPBA 4,136,69
scu-mus LD50:424 mg/kg — ARZNAD 4,649,54
ivn-dog LDLo:100 mg/kg — HBAMAK 4,1295,35
* skn-rbt LD50:730 mg/kg — AMIHBC 4,119,51
scu-rbt LDLo:500 mg/kg — HBAMAK 4,1295,35
orl-gpg LD50:470 mg/kg — JIHTAB 23,259,41

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JOCMA7 15(10),808,73
★ TLV-TWA 10 ppm — DTLVS* 4,179,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ppm (SCP-K) — FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE, FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 276*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KH8585000 1,2-ETHANEDIAMINE, N-(2-AMINOETHYL)-N'-(2-((2-AMINOETHYL)AMINO)ETHYL)-
UPDT:8312 CAS: 112-57-2 MW: 189.36 MOLFM: C8-H23-N5
SYN: 1,4,7,10,13-PENTAAZATRIDECANE * TETRAETHYLENEPENTAMINE * TETRAETHYLENEPENTAMINE (DOT) * UN 2320 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 495 mg open SEV — UCDS** 3/20/73
eye-rbt 5 mg MOD — UCDS** 3/20/73

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3990 mg/kg — UCDS** 3/20/73
* ivn-mus LD50:320 mg/kg — CSLNX* NX#03522
skn-rbt LD50:660 mg/kg — JIHTAB 31,60,49

STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2-ETHANEDIAMINE, N'-BENZ(c)ACRIDIN-7-YL-N-(2-CHLOROETHYL)-N-ETHYL-, DIHYDROCHLORIDE (9CI) see: CU3440000
1,2-ETHANEDIAMINE, N,N'-BIS(2-AMINOETHYL)- see: YE6650000
1,2-ETHANEDIAMINE, N-(2-BROMO-4,5-DIMETHOXYPHENYL)-N-(2-(DIETHYLAMINO)ETHYL)-N',N'-DIETHYL- see: IE1320000
1,2-ETHANEDIAMINE, N,N-DIETHYL- see: KV3500000

KH8601000 1,2-ETHANEDIAMINE, N,N-DIETHYL-N'-(5,6-DIMETHYL-9-METHOXY-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-, HEMIHYDRATE
UPDT:8306 CAS: 83948-16-7 MW: 399.53 MOLFM: C24-H30-N4-O .1/2H2-O

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LDLo:30 mg/kg — JMCMAR 26,181,83

1,2-ETHANEDIAMINE, N,N-DIETHYL-, DIPHENYLDISULFONATE (9CI) see: KV3675160
1,2-ETHANEDIAMINE, N,N-DIETHYL-N'-(1-NITRO-9-ACRIDINYL)-, DIHYDROCHLORIDE (9CI) see: AR9069000
1,2-ETHANEDIAMINE, N-(2-(DIMETHYLAMINO)ETHYL)-N,N',N'-TRIMETHYL- (9CI) see: IE2100000
1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-(PHENYLMETHYL)-N'-2-PYRIDINYL-, MONOHYDROCHLORIDE see: US3150000
1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-PHENYL-N'-(PHENYLMETHYL)- (9CI) see: KV1915000
1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)-, MONOHYDROCHLORIDE see: UT1750000
1,2-ETHANEDIAMINE, N,N,N',N'-TETRAMETHYL- (9CI) see: KV7175000

KH8650000 1,2-ETHANEDIAMINE, N,N,N'-TRIMETHYL-N'-(3-PHENYL-1H-INDOL-1-YL)-
UPDT:8305 CAS: 60662-16-0 MW: 293.45 MOLFM: C19-H23-N3
SYN: BINODALINE * SGD SCHA 1509 (SIEGFRIED)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1270 mg/kg — INDRBA 18,373,81
* orl-mus LD50:765 mg/kg — INDRBA 18,373,81

KH8660000 ETHANE, 1,2-DIAMINO-, COPPER COMPLEX
UPDT:8401 CAS: 13426-91-0 MW: 506.92 MOLFM: C2-H10-N2 xCu
SYN: CUPRIETHYLENE DIAMINE * CUPRIETHYLENE-DIAMINE SOLUTION (DOT) * UN 1761 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82

KH8800000 ETHANE, 1,2-DIAZIDO-
UPDT:8308 CAS: 629-13-0 MW: 112.12 MOLFM: C2-H4-N6
SYN: 1,2-DIAZIDOETHANE * 1,2-DIAZIDOETHANE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172 101,82

KH9275000 ETHANE, 1,2-DIBROMO-
UPDT:8412 CAS: 106-93-4 MW: 187.88 MOLFM: C2-H4-Br2
SYN: AETHYLENBROMID (German) * BROMOFUME * BROMURO DI ETILE (Italian) * CELMIDE * DBE * 1,2-DIBROMAETHAN (German) * 1,2-DIBROMOETANO (Italian) * DIBROMOETHANE * alpha,beta-DIBROMOETHANE * sym-DIBROMOETHANE * 1,2-DIBROMOETHANE (DOT) * DIBROMURE D'ETHYLENE (French) * 1,2-DIBROOMETHAAN (Dutch) * DOWFUME 40 * DOWFUME EDB * DOWFUME W-8 * DOWFUME W-85 * DOWFUME W-90 * DOWFUME W-100 * DWUBROMOETAN (Polish) * EDB * EDB-85 * E-D-BEE * ENT 15.349 * ETHYLENE BROMIDE * ETHYLENE DIBROMIDE * ETHYLENE DIBROMIDE (DOT) * 1,2-ETHYLENE DIBROMIDE * FUMO-GAS * GLYCOL BROMIDE * GLYCOL DIBROMIDE * ISCOBROME D * KOPFUME * NCI-C00522 * NEPHIS * PESTMASTER * PESTMASTER EDB-85 * RCRA WASTE NUMBER U067 * SOILBROM-40 * SOILBROM-85 * SOILBROM-90 * SOILBROM-100 * SOILBROME-85 * SOILBROM-90EC * SOILFUME * UN 1605 (DOT) * UNIFUME

IRRITATION DATA AND REFERENCES:
skn-hmn 1538 mg/2H SEV — AGGHAR 8,591,38

BEST COPY AVAILABLE

skn-rbt 1%/14D SEV AMIHBC 6,158,52
eye-rbt 1% AMIHBC 6,158,52

MUTATION DATA AND REFERENCES:
mmo-sat 500 nmol/plate CBINA8 20,1,78
mma-sat 4344 ug/plate PNASA6 72,5135,75
mmo-esc 20 uL/disc BKNJA5 23,69,80
dnr-esc 10 uL/plate EVHPAZ 21,79,77
dnd-esc 1 umol/L ARTODN 46,277,80
dni-esc 23 mmol/L BCPCA6 23,2345,74
oms-esc 23 mmol/L BCPCA6 23,2345,74
mmo-omi 2 uL/plate PMRSDJ 2,87,81
sln-dmg-orl 300 umol/L EXPEAM 30,621,74
sln-dmg-ihl 2 ppm MUREAV 68,59,79
spm-dmg-ihl 2 ppm/11H MUREAV 68,59,79
mmo-nsc 36000 ppm STEVA8 11,223,78
mrc-smc 170 umol/L IARCCD 10,161,74
mma-asn 10 uL/plate PMRSDJ 2,87,81
dni-hmn:lym 5 mL/L CALEDQ 13,213,81
sce-hmn:lym 10 nmol/L MUREAV 97,188,82
otr-rat:emb 12 ug/plate JJATDK 1,190,81
dnd-rat-ipr 16800 nmol/kg CNREA8 38,2438,78
dnd-rat:lvr 80 umol/L CRNGDP 3,1129,82
oms-rat:lvr 80 umol/L CRNGDP 3,1129,82
dns-rat-orl 75 gm/kg LAINAW 38,279,78
dns-rat:lvr 50 ppm MUREAV 97,359,82
dns-rat:spr 1 umol/L ENMUDM 5,489,83
spm-rat-ipr 50 mg/kg/5D STEVA8 11,223,78
mma-mus:lym 45 mg/L/4H MUREAV 59,61,79
dnd-mus-ipr 50 mg/kg CRNGDP 2,839,81
dnd-mus-orl 150 mg/kg FEPRA7 39,1022,80
msc-mus:lym 150 mg/L/4H MUREAV 59,61,79
hma-mus/sat 500 mg/kg BIZNAT 91,311,72
cyt-ham:lng 2 mmol/L MUREAV 78,177,80
sce-ham:lng 500 umol/L MUREAV 78,177,80
msc-ham:ovr 100 umol/L MUREAV 90,183,81
dnd-mam:lym 1 mmol/L TOLED5 11,243,82
dns-mam:lym 10 mmol/L STEVA8 11,223,78
spm-mam-scu 93600 ug/kg/12D-I FCTXAV 18,743,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:50 mg/kg (5D male) MUREAV 77,71,80
1T61 ihl-rat TCLo:66670 ppb/4H (3-20D preg) NTQTDY 5,579,83
1T35 ihl-rat TCLo:80 ppm/23H (6-15D preg) TXAPA9 45,347,78
3T02T03T23 ihl-rat TCLo:89 ppm/7H (10W male) TXAPA9 49,97,79
1T21 ihl-rat TCLo:39 ppm/7H (3W pre) TXAPA9 49,97,79
1T22 ihl-rat TCLo:80 ppm/7H (3W pre) TXAPA9 49,97,79
1T85 unk-rat TDLo:25 mg/kg (1D male) TJADAB 27,27A,83
1T35 ihl-mus TCLo:38 ppm/23H (6-15D preg) TXAPA9 45,347,78
2T25T34 ihl-mus TCLo:20 ppm/23H (6-15D preg) TXAPA9 46,173,78
1T26 ihl-mus TCLo:38 ppm/23H (6-15D preg) TXAPA9 46,173,78
1T01 orl-ctl TDLo:40 mg/kg (10D male) JRPFA4 44,561,75
1T01 scu-ctl TDLo:93600 ug/kg (12D male) JULRA7 67,124,79

TUMORIGENIC DATA AND REFERENCES:
3V01H60P60 orl-rat TDLo:540 mg/kg/78W-C BANRDU 5,279,80
3V01D09H60 ihl-rat TCLo:10 ppm/6H/2Y-I NCITR* NCI-CG-TR-210,82
3V01J60K60 orl-mus TDLo:16 gm/kg/53W-I NCITR* NCI-CG-TR-86,78
2V01D09 ihl-mus TDLo:40 ppm/6H/90W-I CALEDQ 12,121,81
3V02J60R60 skn-mus TDLo:190 gm/kg/62W-I JJINDB 63,1433,79
3V01K60L60 orl-rat TD :16 gm/kg/61W-I NCITR* NCI-CG-TR-86,78
3V01J60K60 orl-mus TD :23 gm/kg/53W-I NCITR* NCI-CG-TR-86,78
3V01K60L60 orl-rat TD :24 gm/kg/57W-I NCITR* NCI-CG-TR-86,78
3V01K60L60 orl-rat TD :6630 mg/kg/34W-I NCITR* NCI-CG-TR-86,78
3V01J60K60 orl-mus TD :28 gm/kg/53W-I NCITR* NCI-CG-TR-86,78
3V01N61R60 ihl-rat TC :20 ppm/7H/78W-I TXAPA9 63,155,82
3V01K60L60 orl-rat TD :7000 mg/kg/47W-I NCITR* NCI-CG-TR-86,78
3V01K60L60 orl-rat TD :8 gm/kg/44W-I NCITR* NCI-CG-TR-86,78
3V01H60J60 ihl-rat TCLo:10 ppm/6H/2Y-I NTPTR* NTP-TR-210,82
3V01D09H60 ihl-rat TC :40 ppm/6H/88W-I NCITR* NCI-CG-TR-210,82

TOXICITY DATA AND REFERENCES:
orl-wmn LDLo:90 mg/kg 34ZIAG -,257,69
orl-rat LD50:108 mg/kg SPEADM 74-1-,74
3U01J16L02 ihl-rat LCLo:400 ppm/2H AMIHBC 6,158,52
skn-rat LD50:300 mg/kg 85DPAN -,-,71/76
orl-mus LDLo:250 mg/kg TXAPA9 23,269,72
ipr-mus LD50:220 mg/kg JPCEAO 320,133,78
unk-mus LD50:146 mg/kg 30ZDA9 -,38,71
* orl-rbt LD50:55 mg/kg AMIHBC 6,158,52
2U26R11 skn-rbt LD50:300 mg/kg AMIHBC 6,158,52
rec-rbt LDLo:2500 mg/kg JPETAB 34,223,28
* orl-gpg LD50:110 mg/kg AMIHBC 6,158,52
3U02J16L02 ihl-gpg LCLo:400 ppm/3H AMIHBC 6,158,52
* orl-ckn LD50:79 mg/kg AMIHBC 6,158,52
3F07J22K12 orl-qal LD50:130 mg/kg BPOSA4 22(4),355,81

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; BNYMAM 54,413,78; NTIS** PB83-184325
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 15,195,77
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,180,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 20 ppm;Cl 30;Pk 50/5M/8H (SCP-H) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A, LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:POISON B, LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO EDB recm std:TWA 45 ppb;CL 1 mg/m3/15M

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-86,78)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED,RESULTS POSITIVE:MOUSE, RAT (NTPTR* NTP-TR-210,82)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1008
★ NIOSH CURRENT INTELLIGENCE BULLETIN 3, 1975
★ NIOSH CURRENT INTELLIGENCE BULLETIN 37, OCT 1981
★ NIOSH CURRENT INTELLIGENCE BULLETIN 23, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KH9370300 ETHANE, 1,2-DIBROMOTETRAFLUORO-

UPDT:8408 CAS: 124-73-2 MW: 259.86 MOLFM: C2-Br2-F4
SYN: 1,2-DIBROMOPERFLUOROETHANE * sym-DIBROMOTETRAFLUOROETHANE * 1,2-DIBROMOTETRAFLUOROETHANE * ETHANE, 1,2-DIBROMO-1,1,2,2-TETRAFLUORO- (9CI) * F 11482 * FLUOBRENE * FREON 11482 * HALON 2402 * KHLADON 11482 * R 11482

TOXICITY DATA AND REFERENCES:
3F12F17F25 ihl-mus LC50:478 gm/m3/2H GTPZAB 26(8),53,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ETHANE, 1,2-DIBROMO-1,1,2,2-TETRAFLUORO- (9CI) see: KH9370300
ETHANE, 1,1-DIBUTOXY- see: AB2700000

KH9450000 ETHANE, 1,2-DIBUTOXY-

UPDT:8407 CAS: 112-48-1 MW: 174.32 MOLFM: C10-H22-O2
SYN: BUTANE, 1,1'-(1,2-ETHANEDIYLBIS(OXY))BIS- * 1,2-DIBUTOXYETHANE * DIBUTYL CELLOSOLVE * ETHYLENE GLYCOL DIBUTYL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 11/7/57
eye-rbt 500 mg open AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3250 mg/kg UCDS** 11/7/57
* skn-rbt LD50:3560 mg/kg AMIHBC 10,61,54

ETHANE DICHLORIDE see: KI0525000

KH9800000 ETHANE, DICHLORO-

UPDT:8405 CAS: 1300-21-6 MW: 98.96 MOLFM: C2-H4-Cl2
SYN: DICHLOROETHANE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T24T25T22 ihl-rat TCLo:15 mg/m3/4H (16W pre) GISAAA 41(6),100,76
3T71T72T81 ihl-rat TCLo:57 mg/m3/4H (26W pre/1-22D preg) GTPZAB 19(7),20,75
1T14 ihl-rat TCLo:15 mg/m3/4H (96D pre) AKGIAO 53(2),57,77
1T35 ihl-rat TCLo:15 mg/m3/4H (96D pre/1-18D preg) AKGIAO 53(2),57,77
3T22T35T81 ihl-rat TCLo:57 mg/m3/4H (22W pre) GISAAA 39(7),25,74

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1120 mg/kg HYSAAV 32,349,67
orl-mus LD50:625 mg/kg HYSAAV 32,349,67
ihl-mus LCLo:10 gm/m3 GISAAA 20(8),19,55
skn-rbt LD50:3890 mg/kg UCDS** 3/23/70
1U26 unk-mam LD50:807 mg/kg GTPZAB 26(4),26,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KI0175000 ETHANE, 1,1-DICHLORO-

UPDT:8412 CAS: 75-34-3 MW: 98.96 MOLFM: C2-H4-Cl2
SYN: AETHYLIDENCHLORID (German) * CHLORINATED HYDROCHLORIC ETHER * CHLORURE D'ETHYLIDENE (French) * CLORURO DI ETILIDENE (Italian) * 1,1-DICHLOORETHAAN (Dutch) * 1,1-DICHLORAETHAN (German) * 1,1-DICHLORETHANE * 1,1-DICHLOROETHANE * 1,1-DICHLOROETHANE (DOT) * 1,1-DICLOROETANO (Italian) * ETHYLIDENE CHLORIDE * ETHYLIDENE DICHLORIDE * NCI-C04535 * RCRA WASTE NUMBER U076 * UN 2362 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ihl-rat TCLo:6000 ppm/7H (6-15D preg) TXAPA9 28,452,74

TUMORIGENIC DATA AND REFERENCES:
2V03T64 orl-mus TDLo:185 gm/kg/78W-I NCITR* NCI-CG-TR-66,78
2V03T64 orl-mus TD :1300 gm/kg/78W-I NCITR* NCI-CG-TR-66,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:725 mg/kg HYSAAV 32,349,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; AIHAAP 40,A46,79
★ TLV-TWA 200 ppm; STEL 250 ppm DTLVS* 4,130,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-I) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS INDEFINITE:MOUSE, RAT (NCITR* NCI-CG-TR-66,78)
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003
★ NIOSH CURRENT INTELLIGENCE BULLETIN 27, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345;8EHQ-0979-0310
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KI0525000 ETHANE, 1,2-DICHLORO-

UPDT:8412 CAS: 107-06-2 MW: 98.96 MOLFM: C2-H4-Cl2
SYN: AETHYLENCHLORID (German) * 1,2-BICHLOROETHANE * BICHLORURE D'ETHYLENE (French) * BORER SOL * BROCIDE * CHLORURE D'ETHYLENE (French) * CLORURO DI ETHENE (Italian) * 1,2-DCE * DESTRUXOL BORER-SOL * 1,2-DICHLOORETHAAN (Dutch) * 1,2-DICHLOR-AETHAN (German) * DICHLOREMULSION * 1,2-DICHLORETHANE * DI-CHLOR-MULSION * DICHLORO-1,2-ETHANE (French) * alpha,beta-DICHLOROETHANE * sym-DICHLOROETHANE * 1,2-DICHLOROETHANE * DICHLOROETHYLENE * 1,2-DICLOROETANO (Italian) * DUTCH LIQUID * DUTCH OIL * EDC * ENT 1,656 * ETHANE DICHLORIDE * ETHYLEENDICHLORIDE (Dutch) * ETHYLENE DICHLORIDE * ETHYLENE DICHLORIDE * ETHYLENE DICHLORIDE (DOT) * 1,2-ETHYLENE DICHLORIDE * GLYCOL DICHLORIDE * NCI-C00511 * RCRA WASTE NUMBER U077 * UN 1184 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 625 mg open MLD UCDS** 3/23/70
eye-rbt 63 mg SEV UCDS** 3/23/70

MUTATION DATA AND REFERENCES:
mmo-sat 40 umol/plate CBINA8 20,1,78
mma-sat 10 umol/plate EVHPAZ 21,79,77
dnd-sat 7060 umol/L TXAPA9 62,190,82
dnr-esc 10 uL/plate EVHPAZ 21,79,77
sln-dmg-orl 1000 ppm MUREAV 57,163,78
sln-dmg-ihl 700 ppm SOGEBZ 5,1666,69
dnd-sal:spr 1040 nmol CNREA8 40,2170,80
dni-hmn:lym 5 mL/L CALEDQ 13,213,81
dnd-rat-orl 150 mg/kg TXAPA9 62,190,82
dnd-rat-ihl 150 ppm/6H TXAPA9 62,190,82
mnt-mus-ipr 100 mg/kg MUREAV 75,191,80
slt-mus-ipr 300 mg/kg MUREAV 117,201,83
dnd-mus-ipr 2 mmol/kg CRNGDP 4,1491,83
bfa-mus-sat 80 mg/kg CBINA8 24,265,79
otr-ham:ovr 200 uL/plate EVSRB1 25,75,82
msc-ham:ovr 1 mmol/L MUREAV 90,183,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ihl-rat TCLo:300 ppm/7H (6-15D preg) BANRDU 5,149,80

TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:5286 mg/kg/69W-I BANRDU 5,35,80
3V03P61R60 ihl-rat TCLo:5 ppm/7H/78W-I BANRDU 5,3,80
3V01J60R60 orl-mus TDLo:3536 mg/kg/78W-I BANRDU 5,35,80
3V03J60R60 ihl-mus TCLo:5 ppm/7H/78W-I BANRDU 5,3,80
3V02J60R60 skn-mus TDLo:1120 gm/kg/74W-I JJINDB 63,1433,79
3V01H60K60 orl-rat TD :38 gm/kg/78W-I NCITR* NCI-CG-TR-55,78
3V01R60T64 orl-mus TD :76 gm/kg/78W-I NCITR* NCI-CG-TR-55,78
3V01H60K60 orl-rat TD :18 gm/kg/78W-I NCITR* NCI-CG-TR-55,78
3V01R60T64 orl-mus TD :38 gm/kg/78W-I NCITR* NCI-CG-TR-55,78

TOXICITY DATA AND REFERENCES:
3C08F24K13 ihl-man TCLo:4000 ppm/1H PCOC** -,500,66
3F07J21K13 orl-hmn TDLo:428 mg/kg SOMEAU 22,132,58
3K12K13L12 orl-man TDLo:892 mg/kg WILEAR 28,983,75
3F07G10J24 orl-man LDLo:714 mg/kg KLWOAZ 48,822,70
* orl-rat LD50:670 mg/kg FMCHA2 -,C99,83

BEST COPY AVAILABLE

ihl-rat LCLo:1000 ppm/4H — JIHTAB 31,343,49
scu-rat LDLo:500 mg/kg — JPETAB 84,53,45
orl-mus LD50:489 mg/kg — TOXID9 1,26,81
ihl-mus LCLo:5000 mg/m3/2H — AEPPAE 141,19,29
scu-mus LDLo:380 mg/kg — JPETAB 84,53,45
orl-dog LDLo:2000 mg/kg — QJPPAL 7,205,34
ivn-dog LDLo:175 mg/kg — QJPPAL 7,205,34
orl-rbt LD50:860 mg/kg — GUCHAZ 6,264,73
ihl-rbt LCLo:3000 ppm/7H — JPETAB 84,53,45
skn-rbt LD50:4886 mg/kg — AIHAAP 30,470,69
scu-rbt LDLo:1200 mg/kg — QJPPAL 7,205,34
ihl-pig LCLo:3000 ppm/7H — JPETAB 84,53,45
ihl-gpg LCLo:1500 ppm/7H — JPETAB 84,53,45
1Y16 ipr-gpg LDLo:600 mg/kg — AIHAAP 35,21,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65; AIHAAP 40,A46,79; VHTODE 22,31,80; DCTODJ 5,319,82; NTIS** PB82-182825
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 20,429,79
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED — IARC** 20,429,79
★ TLV-TWA 10 ppm; STEL 15 ppm — DTLVS* 4,181,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm;Cl 100;Pk 200/5M/3H (SCP-J) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ETHYLENE DICHLORIDE recm std-air:TWA 1 ppm;CL 2 ppm/15M — NTIS**

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-55,78)
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003
★ NIOSH CURRENT INTELLIGENCE BULLETIN 25, 1978
★ NIOSH CURRENT INTELLIGENCE BULLETIN 27, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0979-0310;8EHQ-0778-0228
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KI0700000 ETHANE, 1,1-DICHLORO-2,2-BIS(p-CHLOROPHENYL)-
UPDT:8412 CAS: 72-54-8 MW: 320.04 MOLFM: C14-H10-Cl4
SYN: 1,1-BIS(p-CHLOROPHENYL)-2,2-DICHLOROETHANE * 1,1-BIS(4-CHLOROPHENYL)-2,2-DICHLOROETHANE * 2,2-BIS(p-CHLOROPHENYL)-1,1-DICHLOROETHANE * 2,2-BIS(4-CHLOROPHENYL)-1,1-DICHLOROETHANE * DDD * p,p'-DDD * 1,1-DICHLOOR-2,2-BIS(4-CHLOOR FENYL)-ETHAAN (Dutch) * 1,1-DICHLOR-2,2-BIS(4-CHLOR-PHENYL)-AETHAN (German) * 1,1-DICHLORO-2,2-BIS(p-CHLOROPHENYL)ETHANE * 1,1-DICHLORO-2,2-BIS(4-CHLOROPHENYL)-ETHANE (French) * 1,1-DICHLORO-2,2-bis(PARACHLOROPHENYL)ETHANE * 1,1-DICHLORO-2,2-BIS(p-CHLOROPHENYL)ETHANE (DOT) * 1,1-DICHLORO-2,2-BIS(PARACHLOROPHENYL)ETHANE (DOT) * 1,1-DICHLORO-2,2-DI(4-CHLOROPHENYL)ETHANE * DICHLORODIPHENYL DICHLORODIPHENYLDICHLOROETHANE * 1,1-DICLORO-2,2-BIS(4-CLORO-FENIL)-ETANO (Italian) * DILENE * ENT 4,225 * ME-1700 * NA 2761 (DOT) * NCI-C00475 * RCRA WASTE NUMBER U060 * RHOTHANE * RHOTHANE D-3 * ROTHANE * TDE * p,p'-TDE * TDE (DOT) * TETRACHLORODIPHENYLETHANE

MUTATION DATA AND REFERENCES:
cyt-rat:oth 10 ug/L — 34LXAP -,555,76
otr-mus:emb 28400 nmol/L — JNCIAM 54,981,75
hma-mus/srm 1500 mg/kg — BIZNAT 91,311,72

TUMORIGENIC DATA AND REFERENCES:
2V03N62 orl-rat TDLo:54 gm/kg/78W-C — NCITR* NCI-CG-TR-131,78
3V02J60L60 orl-mus TDLo:39 gm/kg/2Y-C — JNCIAM 52,883,74

TOXICITY DATA AND REFERENCES:
orl-rat LD50:113 mg/kg — GUCHAZ 6,154,73
orl-mus LDLo:600 mg/kg — JPETAB 88,400,46
3F13F12R10 skn-rbt LD50:1200 mg/kg — AFDOAQ 16,3,52

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 5,83,74

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:RAT (NCITR* NCI-CG-TR-131,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-131,78)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANE, 1,1-DICHLORO-2,2-BIS(p-ETHYLPHENYL)- see: KH5790000
ETHANE, 2,2-DICHLORO-1,1-DIFLUORO-1-METHOXY- see: KN7820000

KI0995000 ETHANE, DICHLOROFLUORO-
UPDT:8408 CAS: 25167-88-8 MW: 116.95 MOLFM: C2-H3-Cl2-F
SYN: DICHLOROFLUOROETHANE * FREON 141

TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:240 gm/m3/2H — 85GMAT -,46,82
3F11F17J30 ihl-mus LC50:151 gm/m3/2H — GTPZAB 20(11),38,76

KI1050000 ETHANE, 1,1-DICHLORO-1-NITRO-
UPDT:8404 CAS: 594-72-9 MW: 143.96 MOLFM: C2-H3-Cl2-N-O2
SYN: 1,1-DICHLOOR-1-NITROETHAAN (Dutch) * 1,1-DICHLOR-1-NITROAETHAN (German) * DICHLORONITROETHANE * 1,1-DICHLORO-1-NITROETHANE * 1,1-DICHLORO-1-NITROETHANE (DOT) * 1,1-DICLORO-1-NITROETANO (Italian) * ETHIDE * UN 2650 (DOT)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:410 mg/kg — BESAAT 12,161,66
ipr-mus LD50:240 mg/kg — KHFZAN 10(6),53,76
orl-rbt LDLo:150 mg/kg — JIHTAB 27,95,45
ihl-rbt LCLo:3500 mg/m3/150M — JIHTAB 27,95,45
ihl-gpg LCLo:1000 mg/m3/2H — JIHTAB 27,95,45

REVIEW AND REFERENCES:
★ TLV-TWA 2 ppm; STEL 10 ppm — DTLVS* 4,133,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 10 ppm (SCP-P) — FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1601
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KI1100000 ETHANE, DICHLOROTETRAFLUORO-
UPDT:8408 CAS: 1320-37-2 MW: 170.92 MOLFM: C2-Cl2-F4
SYN: DICHLOROTETRAFLUOROETHANE * DICHLOROTETRAFLUOROETHANE (DOT) * DWUCHLOROCZTEROFLUOROETAN (Polish) * TETRAFLUORODICHLOROETHANE * UN 1958 (DOT)

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:700000 ppm;30M — AMPMAR 30,447,69

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FAZMAE 18,365,74

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-H) — FEREAC 39,23540,74
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S108
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
ETHANE, 1,2-DICHLOROTETRAFLUORO- see: KI1101000

KI1101000 ETHANE, 1,2-DICHLORO-1,1,2,2-TETRAFLUORO-
UPDT:8408 CAS: 76-14-2 MW: 170.92 MOLFM: C2-Cl2-F4
SYN: ARCTON 33 * ARCTON 114 * CRYOFLUORAN * CRYOFLUORANE * sym-DICHLOROTETRAFLUOROETHANE * 1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE * ETHANE, 1,2-DICHLOROTETRAFLUORO- * F 114 * FC 114 * FLUORANE 114 * FLUOROCARBON 114 * FREON 114 * FRIGEN 114 * FRIGIDERM * GENETRON 114 * GENETRON 316 * HALOCARBON 114 * LEDON 114 * PROPELLANT 114 * R 114 * 1,1,2,2-TETRAFLUORO-1,2-DICHLOROETHANE * UCON 114

TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:72 pph/30M — EJTXAZ 9,385,76
* ihl-mus LC50:70 pph/30M — EJTXAZ 9,385,76
* ihl-rbt LC50:75 pph/30M — EJTXAZ 9,385,76

REVIEW AND REFERENCES:
★ TLV-TWA 1000 ppm; STEL 1250 ppm — DTLVS* 4,135,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-H) — FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S108
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
ETHANE, 1,2-DICYANO- see: WN3850000
ETHANE, 1,1-DIETHOXY- see: AB2800000

KI1225000 ETHANE, 1,2-DIETHOXY-
UPDT:8312 CAS: 629-14-1 MW: 118.20 MOLFM: C6-H14-O2
SYN: DIETHYL CELLOSOLVE * DIETHYL CELLOSOLVE (DOT) * ETHYLENE GLYCOL DIETHYL ETHER * ETHYLENE GLYCOL DIETHYL ETHER (DOT) * ETHYL GLYME * UN 1153 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 17 mg — AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4390 mg/kg — JIHTAB 23,259,41
ihl-rat LCLo:8000 ppm/4H — JIHTAB 31,343,49
orl-gpg LD50:2440 mg/kg — JIHTAB 23,259,41

STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KI1410000 ETHANE, 1,1-DIFLUORO-
UPDT:8408 CAS: 75-37-6 MW: 66.06 MOLFM: C2-H4-F2
SYN: ALGOFRENE TYPE 67 * DIFLUOROETHANE * 1,1-DIFLUOROETHANE (DOT) * ETHYLENE FLUORIDE * ETHYLIDENE DIFLUORIDE * ETHYLIDENE FLUORIDE * FC 152a * FREON 152 * GENETRON 100 * GENETRON 152a * HALOCARBON 152A * UN 1030 (DOT)

MUTATION DATA AND REFERENCES:
sln-dmg-ihl 98 pph/10M — ENVRAL 7,275,74

TOXICITY DATA AND REFERENCES:
2F01J16 ihl-rat LCLo:50 pph/10M — AIHOAX 2,335,50
* ihl-mus LC50:977 gm/m3/2H — 85GMAT -,54,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FAZMAE 18,365,74

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

KI1420000 ETHANE, 1,2-DIFLUORO-1,1,2,2-TETRACHLORO-
UPDT:8408 CAS: 76-12-0 MW: 203.82 MOLFM: C2-Cl4-F2
SYN: 1,2-DIFLUORO-1,1,2,2-TETRACHLOROETHANE * ETHANE, 1,1,2,2-TETRACHLORO-1,2-DIFLUORO- * F-112 * FREON 112 * GENETRON 112 * 1,1,2,2-TETRACHLORO-1,2-DIFLUOROETHANE

IRRITATION DATA AND REFERENCES:
skn-gpg 100%/24H open MLD — AIHAAP 27,332,66
eye-gpg 100 mg/20S rns MLD — AIHAAP 27,332,66

TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:15000 ppm/4H — FLCRAP 1,197,67
* orl-mus LD50:800 mg/kg — 85GMAT -,54,82
* ihl-mus LC50:123 gm/m3/2H — 85GMAT -,54,82

REVIEW AND REFERENCES:
★ TLV-TWA 500 ppm; STEL 625 ppm — DTLVS* 4,389,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ppm (SCP-I) — FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S132
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

KI1425000 ETHANE, 2,2-DIFLUORO-1,1,1,2-TETRACHLORO-
UPDT:8404 CAS: 76-11-9 MW: 203.82 MOLFM: C2-Cl4-F2
SYN: 1,1,1,2-TETRACHLORO-2,2-DIFLUOROETHANE

TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:20000 ppm/30M — TXAPA9 19,1,71

REVIEW AND REFERENCES:
★ TLV-TWA 500 ppm; STEL 625 ppm — DTLVS* 4,389,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ppm (SCP-I) — FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S131
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
ETHANE, 1,2-DIISOTHIOCYANATO- (9CI) see: NX8580000
ETHANE, 1,1-DIMETHOXY- see: AB2825000

KI1451000 ETHANE, 1,2-DIMETHOXY-
UPDT:8312 CAS: 110-71-4 MW: 90.14 MOLFM: C4-H10-O2
SYN: DIMETHOXYETHANE * alpha,beta-DIMETHOXYETHANE * 1,2-DIMETHOXYETHANE * 1,2-DIMETHOXYETHANE (DOT) * DIMETHYLCELLOSOLVE * 2,5-DIOXAHEXANE * EGDME * ETHYLENE DIMETHYL ETHER * ETHYLENE GLYCOL DIMETHYL ETHER * GLYCOL DIMETHYL ETHER * GLYME * MONOETHYLENE GLYCOL DIMETHYL ETHER * MONOGLYME * UN 2252 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T35T59 orl-mus TDLo:1960 mg/kg (7-10D preg) — NISFAY 32,113,80
1T41 orl-mus TDLo:1400 mg/kg (7-10D preg) — NISFAY 32,113,80
1T46 orl-mus TDLo:1 gm/kg (7-10D preg) — NISFAY 32,113,80

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANE, 1,1-DIMETHOXY-2-PHENYL- see: AB3040000

BEST COPY AVAILABLE

ETHANEDINITRILE see: GT1925000

KI1510000 ETHANE, 1,1-DINITRO-
UPDT:8309 CAS: 600-40-8 MW: 120.09 MOLFM: C2-H4-N2-O4
SYN: 1,1-DINITROETHANE * 1,1-DINITROETHANE (DBT) * DC 1
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:250 mg/kg KHFZAN 10(6),53,76
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

KI1511000 ETHANE, 1,2-DINITRO-
UPDT:8308 CAS: 7570-26-5 MW: 120.08 MOLFM: C2-H4-N2-O4
SYN: 1,2-DINITROETHANE * 1,2-DINITROETHANE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

ETHANEDIOIC ACID see: RO2450000
ETHANEDIOIC ACID DIAMMONIUM SALT see: RO2750000
ETHANEDIOIC ACID, DIPOTASSIUM SALT (9CI) see: RO2885000
ETHANEDIOIC ACID, DISILVER(1 +) SALT see: RO2900000

KI1750000 ETHANEDIOIC ACID, DISODIUM SALT
UPDT:8411 CAS: 62-76-0 MW: 134.00 MOLFM: C2-O4-2Na
SYN: OXALIC ACID, DISODIUM SALT * SODIUM OXALATE
TOXICITY DATA AND REFERENCES:
3t24G04M11 ivn-hmn LDLo:17 mg/kg MLDCAS 4,178,71
scu-mus LDLo:100 mg/kg AIPTAK 8,255,01
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHANEDIOIC ACID, TIN(2 +) SALT (1:1) (9CI) see: XQ3950000
ETHANE-1,2-DIOL see: KW2975000
1,2-ETHANEDIOL see: KW2975000

KI2109000 1,2-ETHANEDIOL, BIS(ETHYLSULFATE) (ester)
UPDT:8211 MW: 278.32 MOLFM: C6-H14-O8-S2
MUTATION DATA AND REFERENCES:
mmo-sip 10 mmol/L ADWMAX -,193,62

1,2-ETHANEDIOL, BISMETHANESULFONATE see: PB2090000
1,2-ETHANEDIOL DIACETATE see: KW4025000

KI2275000 1,2-ETHANEDIOL, 2,4-DICHLOROPHENOXY-
UPDT:8407 CAS: 73986-93-5 MW: 223.06 MOLFM: C8-H8-Cl2-O3
SYN: 2,4-DICHLOROPHENOXY ETHANEDIOL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 50 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1070 mg/kg AMIHBC 4,119,51
skn-rbt LD50:420 mg/kg AMIHBC 4,119,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHANEDIOL DIMETHACRYLATE see: OZ4400000
1,2-ETHANEDIOL, DIMETHANESULFONATE (9CI) see: KW5540000
ETHANEDIOL DINITRATE see: KW5600000
1,2-ETHANEDIOL, DIPROPANOATE (9CI) see: GP9625000
1,2-ETHANEDIOL, MONOACETATE see: KW7175000

KI2625000 1,2-ETHANEDIOL, 1-PHENYL-, 2-CARBAMATE
UPDT:8403 CAS: 94-23-9 MW: 181.21 MOLFM: C9-H11-N-O3
SYN: AL 1076 * CARBAMIC ACID, beta-HYDROXYPHENETHYL ESTER * beta-HYDROXYPHENETHYL CARBAMATE * 2-HYDROXY-2-PHENYLETHYL CARBAMATE * LINATAR * MYOSPAZ * PHENETHYL ALCOHOL, beta-HYDROXY-, alpha-CARBAMATE * 1-PHENYL-1,2-ETHANEDIOL 2-CARBAMATE * 2-PHENYL-2-HYDROXYETHYL CARBAMATE * SINAXAR * STIRAMATO * STYRAMATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1300 mg/kg JPETAB 126,318,59
orl-mus LD50:1240 mg/kg JPETAB 126,318,59
ipr-mus LD50:750 mg/kg 27ZQAG -,607,72
scu-cat LD50:1200 mg/kg JPETAB 126,318,59

1,1-ETHANEDIOL, 2,2,2-TRICHLORO- (9CI) see: FM8750000

KI2850000 1,1-ETHANEDIOL, 2,2,2-TRIFLUORO-
UPDT:8405 CAS: 421-53-4 MW: 116.03 MOLFM: C2-H3-F3-O2
SYN: FLUORAL HYDRATE * TRIFLUOROACETALDEHYDE HYDRATE * 2,2,2-TRIFLUORO-1,1-ETHANEDIOL
TOXICITY DATA AND REFERENCES:
orl-mus LD50:600 mg/kg JMCMAR 13,1212,70
ipr-mus LD50:600 mg/kg JMCMAR 13,1212,70
1F17 ivn-mus LD50:660 mg/kg AMEBA7 46,242,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

1,2-ETHANEDIONE see: MD2625000
ETHANEDIONIC ACID see: RO2450000
ETHANE, 1,2-DIPHENYL- see: DT4375000

KI3200000 ETHANE, 1,1-DIPHENYL-2-(o-FLUOROPHENYL)-
UPDT:8302 MW: 276.37 MOLFM: C20-H17-F
SYN: 1,1-DIPHENYL-2-(o-FLUOROPHENYL)ETHANE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:500 mg/kg (100 male) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHANEDISULFONATE-1,2 de METHYL-4 delta-CHLOROBUTYL-5 THIAZOLE (French) see: XJ3830000
ETHANEDISULFONATE-1,2 de METHYL-4 CHLOROMETHYL-5 THIAZOLE (French) see: XJ3880000
ETHANEDISULFONATE-1,2 de METHYL-4 gamma-CHLOROPROPYL-5 THIAZOLE (French) see: XJ3952000

1,2-ETHANEDITHIOL, CYCLIC ESTER with P,P-DIETHYL PHOSPHONODITHIOIMIDOCARBONATE see: NJ6475000
1,2-ETHANEDITHIOL, CYCLIC S,S-ESTER with PHOSPHONODITHIOIMIDOCARBONIC ACID P,P-DIETHYL ESTER see: NJ6475000

KI3421000 ETHANE, DITOLYL-
UPDT:8601 CAS: 27755-15-3 MW: 210.34 MOLFM: C16-H18
SYN: DITOLYLETHANE
TUMORIGENIC DATA AND REFERENCES:
2V03J60 orl-mus TDLo:9200 mg/kg/73W-C GTPZAB 15(5),49,71
TOXICITY DATA AND REFERENCES:
orl-mus LD50:725 mg/kg GTPZAB 15(5),49,71
scu-mus LD50:10 gm/kg GTPZAB 15(5),49,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N,N'-1,2-ETHANEDIYLBIS(N-BUTYL-4-MORPHOLINECARBOXAMIDE) see: QD9800000
1,2-ETHANEDIYLBIS(CARBAMODITHIOATO)(2-)-MANGANESE see: OP0700000
((1,2-ETHANEDIYLBIS(CARBAMODITHIOATO))(2-)ZINC see: ZH3325000
1,2-ETHANEDIYLBIS(CARBAMODITHIOATO) (2-)-S,S'-ZINC see: ZM3325000
1,2-ETHANEDIYLBISCARBAMODITHIOIC ACID DISODIUM SALT see: FA6825000
1,2-ETHANEDIYLBISCARBAMODITHIOIC ACID, MANGANESE COMPLEX see: OP0700000
1,2-ETHANEDIYLBISCARBAMODITHIOIC ACID, MANGANESE(2 +) SALT (1:1) see: OP0700000
1,2-ETHANEDIYLBISCARBAMODITHIOIC ACID, ZINC COMPLEX see: ZM3325000
1,2-ETHANEDIYLBISCARBAMOTHIOIC ACID, ZINC SALT see: ZH3325000
N,N'-1,2-ETHANEDIYLBIS(N-(CARBOXYMETHYL)GLYCINE) DISODIUM SALT see: AH4375000
1,2-ETHANEDIYLBISMANEB, MANGANESE (2 +) SALT (1:1) see: OP0700000
2,2'-(1,2-ETHANEDIYLBIS(OXY))BISETHANOL see: YE4550000
1,2-ETHANEDIYL DIMETHANESULFONATE see: KW5540000
1,2-ETHANEDIYL METHANESULFONATE see: PB2090000
ETHANE (DOT) see: KH3800000
ETHANE, compressed (DOT) see: KH3800000
ETHANE, refrigerated liquid (DOT) see: KH3800000

KI3650000 ETHANE, FLUORO-
UPDT:8401 CAS: 353-36-6 MW: 48.07 MOLFM: C2-H5-F
SYN: ETHYL FLUORIDE * ETHYL FLUORIDE (DOT) * FLUOROETHANE * MONOFLUOROETHANE * R 161 * UN 2453 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHANE HEXACHLORIDE see: KI4025000

KI4025000 ETHANE, HEXACHLORO-
UPDT:8412 CAS: 67-72-1 MW: 236.72 MOLFM: C2-Cl6
SYN: AVLOTHANE * CARBON MERACHLORIDE * DISTOREAL * DISTOPAN * DISTOPIN * EGITOL * ETHANE HEXACHLORIDE * ETHYLENE HEXACHLORIDE * FALKITOL * FASCIOLIN * HEXACHLORAETHAN (German) * HEXACHLOROETHANE * HEXACHLOROETHANE (DOT) * 1,1,1,2,2,2-HEXACHLOROETHANE * HEXALHLOROETHYLENE * MOTTENHEKE * NA 9037 (DOT) * NCI-C04606 * PERCHLOROETHANE * PHENOHEP * RCRA WASTE NUMBER U131
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T26T29 orl-rat TDLo:5500 mg/kg (6-16D preg) AIHAAP 40,187,79
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:230 gm/kg/78W-I NCITR* NCI-CG-TR-68,78
2V01L60 orl-mus TD :460 gm/kg/78W-I NCITR* NCI-CG-TR-68,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6000 mg/kg NATUAS 210,744,66
ipr-mus LD50:4500 mg/kg ARZNAD 11,902,61
ivn-dog LDLo:325 mg/kg QJPPAL 7,205,34
scu-rbt LDLo:4000 mg/kg QJPPAL 7,205,34
orl-gpg LD50:4970 mg/kg AIHAAP 40,187,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AIHAAP 40,A46,79
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 20,467,79
★ TLV-TWA 10 ppm DTLVS* 4,213,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ppm (skin) (SCP-H) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-68,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-68,78)
NTP CARCINOGENESIS STUDIES: ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003
★ NIOSH CURRENT INTELLIGENCE BULLETIN 27, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KI4110000 ETHANE, HEXAFLUORO-
UPDT:8401 CAS: 76-16-4 MW: 138.02 MOLFM: C2-F6
SYN: F-116 * FREON 116 * HEXAFLUOROETHANE * HEXAFLUOROETHANE (DOT) * PERFLUOROETHANE * UN 2193 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KI4130000 ETHANE, HEXANITRO-
UPDT:8401 CAS: 918-37-6 MW: 300.08 MOLFM: C2-N6-O12
SYN: HEXANITROETHANE * HEXANITROETHANE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHANEHYDRAZONIC ACID see: AI1225000
ETHANE-1-HYDROXY-1,1-DIPHOSPHONATE see: SZ8561750

KI4750000 ETHANE, IODO-
UPDT:8408 CAS: 75-03-6 MW: 155.97 MOLFM: C2-H5-I
SYN: ETHYL IODIDE * HYDRIODIC ETHER * IODOETHANE
MUTATION DATA AND REFERENCES:
mma-esc 20 umol/L ARTODN 46,277,80
dnd-esc 1 umol/L ARTODN 46,277,80
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:65000 mg/m3/30M FAVUAI 7,35,75
" ipr-rat LD50:330 mg/kg 85GMAT -,68,82
" ipr-mus LD50:560 mg/kg 85GMAT -,68,82
3C08J26J30 scu-mus LD50:1000 mg/kg JJPAAZ 3,99,54
" ipr-gpg LD50:322 mg/kg 85GMAT -,68,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHANE, ISOCYANATO- see: NQ8825000
ETHANE, METHOXY- see: KO0260000

KI4900000 ETHANE, 1-METHOXY-2-(VINYLOXY)-
UPDT:8407 CAS: 1663-35-0 MW: 102.15 MOLFM: C5-H10-O2
SYN: ETHER, 2-METHOXYETHYL VINYL * VINYL 2-METHOXYETHYL ETHER
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
" orl-rat LD50:3900 mg/kg AMIHBC 10,61,54
" ihl-rat LCLo:8000 ppm/4H AMIHBC 10,61,54
" skn-rbt LD50:7130 mg/kg AMIHBC 10,61,54

ETHANE, 1,1'-(METHYLENEBIS(OXY))BIS(2-CHLORO- see: PA3675000
ETHANENITRILE see: AL7700000

KI5600000 ETHANE, NITRO-
UPDT:8404 CAS: 79-24-3 MW: 75.08 MOLFM: C2-H5-N-O2
SYN: NITROETAN (Polish) * NITROETHANE * NITROETHANE (DOT) * UN 2842 (DOT)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:310 mg/kg KHFZAN 10(6),53,76
orl-rbt LDLo:500 mg/kg JIHTAB 22,315,40
REVIEW AND REFERENCES:
▲ TLV-TWA 100 ppm; STEL 150 ppm DTLVS* 4,305,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S219*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

KI5775000 ETHANE, 1,1'-OXYBIS-
UPDT:8411 CAS: 60-29-7 MW: 74.14 MOLFM: C4-H10-O
SYN: AETHER * ANAESTHETIC ETHER * ANESTHESIA ETHER * ANESTHETIC ETHER * DIAETHYLAETHER (German) * DIETHYL ETHER * DIETHYL ETHER (DOT) * DIETHYL OXIDE * DWUETYLOWY ETER (Polish) * ETERE ETILICO (Italian) * ETHER * ETHER ETHYLIQUE (French) * ETHOXYETHANE * ETHYL ETHER * ETHYL ETHER (DOT) * OXYDE D'ETHYLE (French) * RCRA WASTE NUMBER U117 * SOLVENT ETHER * UN 1155 (DOT)

IRRITATION DATA AND REFERENCES:

	eye-hmn 100 ppm	JIHTAB 25,282,43
	skn-rbt 360 mg open MLD	UCDS** 4/5-73
	eye-rbt 100 mg MOD	FEPRA7 35,729,76
	skn-gpg 50 mg/24H SEV	HIFUAG 22,373,80

MUTATION DATA AND REFERENCES:

	dnr-esc 50 uL/well 16H	CBINAB 15,219,76
	cyt-smc 100 mmol/tube	HEREAY 33,457,47
	oms-ham:fbr 1 pph	ANESAV 43,21,75

TOXICITY DATA AND REFERENCES:

	orl-man LDLo:260 mg/kg	85DCAI 2,73,70
	orl-hmn LDLo:420 mg/kg	32ZWAA 8,275,74
1D07	ihl-hmn TCLo:200 ppm	JIHTAB 25,282,43
*	orl-rat LD50:1215 mg/kg	TXAPA9 19,699,71
	ihl-rat LC50:73000 ppm/2.5H	TXAPA9 17,275,70
	ihl-mus LC50:65000 ppm/1.5H	TXAPA9 17,275,70
	scu-mus LDLo:8 mg/kg	HBAMAK 4,1295,35
	ivn-mus LD50:996 mg/kg	JPMSAE 67,566,78
	ihl-dog LCLo:76000 ppm	HBAMAK 4,1294,35
	ihl-rbt LCLo:106000 ppm	HBAMAK 4,1294,35
1Y16	rpr-gpg LDLo:2000 mg/kg	AIHAAP 35,21,74
	scu-frg LDLo:24 gm/kg	HBAMAK 4,1295,35

REVIEW AND REFERENCES:

★ TLV-TWA 400 ppm; STEL 500 ppm	DTLVS* 4,187,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 400 ppm	FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172,101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S80
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANE, 1,1'-OXYBIS(2-CHLORO- see: KN0875000
ETHANE PENTACHLORIDE see: KI6300000

KI6300000 ETHANE, PENTACHLORO-
UPDT:8412 CAS: 76-01-7 MW: 202.28 MOLFM: C2-H-Cl5
SYN: ETHANE PENTACHLORIDE * NCI-C53894 * PENTACHLOORETHAAN (Dutch) * PENTACHLORAETHAN (German) * PENTACHLORETHANE (French) * PENTACHLOROETHANE * PENTACHLOROETHANE (DOT) * PENTACLOROETANO (Italian) * PENTALIN * RCRA WASTE NUMBER U184 * UN 1669 (DOT)

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-mus TDLo:129 gm/kg/2Y-I	NTPTR* NTP-TR-232,82
2V01L60	orl-mus TD :258 gm/kg/2Y-I	NTPTR* NTP-TR-232,82

TOXICITY DATA AND REFERENCES:

	ihl-rat LCLo:4238 ppm/2H	AEPPAE 141,19,29
	ihl-mus LCLo:35 mg/m3/2H	AEPPAE 141,19,29
JF04L02L03	orl-dog LDLo:500 mg/kg	AJHYA2 16,325,32
	ivn-dog LDLo:100 mg/kg	QJPPAL 7,205,34
	scu-rbt LDLo:700 mg/kg	QJPPAL 7,205,34

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AIHAAP 40,A46,79

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON	CFRGBR 49,172,102,83

STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE-MOUSE (NTPTR* NTP-TR-232,82)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE-RAT (NTPTR* NTP-TR-232,82)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 335
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 27, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANE PEROXOIC ACID see: SD8927100
ETHANEPEROXOIC ACID, 1,1-DIMETHYLETHYL ESTER see: SD8927400

KI7035000 ETHANESELENOL, 2-AMINO-, HYDROCHLORIDE
UPDT:8203 MW: 160.52 MOLFM: C2-H7-N-Se · Cl-H
SYN: 2-AMINO-ETHANESELENOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:10 mg/kg	JMCMAR 12,510,69

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3	DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X)	FEREAC 39,23540,74

KI7035500 ETHANESELENOL, 2-AMINO-, HYDROGEN SULFATE (ester)
UPDT:8203 MW: 204.12 MOLFM: C2-H7-N-O3-S-Se
SYN: ETHANESELENOSULFURIC ACID, 2-AMINO- * SELENOSULFURIC ACID, 2-AMINOETHYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:18 mg/kg	JMCMAR 12,510,69

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3	DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X)	FEREAC 39,23540,74

ETHANESELENOSULFURIC ACID, 2-AMINO- see: KI7035500
ETHANE, 1,1'-SULFINYLBIS(1,2-DICHLORO- see: WS2285000
ETHANESULFONAMIDE, 2-AMINO-N-(4-ETHOXYPHENYL)- (9CI) see: KI8020000

KI7213000 ETHANESULFONAMIDE, 2-AMINO-N-(2-PYRIDYL)-, HYDROCHLORIDE
UPDT:8312 CAS: 31644-48-1 MW: 237.73 MOLFM: C7-H11-N3-O2-S · Cl-H
SYN: 2-AMINO-N-(2-PYRIDYL)ETHANESULFONAMIDE HYDROCHLORIDE * TAURAMINOPYRIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:490 mg/kg	JPMSAE 61,684,72

KI7341000 ETHANESULFONANILIDE, N-(2-(METHYLPHENETHYLAMINO)PROPYL)-
UPDT:8408 MW: 360.56 MOLFM: C20-H28-N2-O2-S
SYN: N-(2-(METHYLPHENETHYLAMINO)PROPYL)ETHANESULFONANILIDE

TOXICITY DATA AND REFERENCES:

3F29K14U26	scu-mus LD50:112 mg/kg	YKKZAJ 83,62,63

KI7342000 ETHANESULFONANILIDE, N-(1-METHYL-2-PIPERIDINOETHYL)-
UPDT:8408 MW: 310.50 MOLFM: C16-H26-N2-O2-S
SYN: N-(1-METHYL-2-PIPERIDINOETHYL)ETHANESULFONANILIDE

TOXICITY DATA AND REFERENCES:

3F29K14U26	scu-mus LD50:350 mg/kg	YKKZAJ 83,62,63

KI7343000 ETHANESULFONANILIDE, N-(2-MORPHOLINOPROPYL)-
UPDT:8408 MW: 312.47 MOLFM: C15-H24-N2-O3-S
SYN: N-(2-MORPHOLINOPROPYL)ETHANESULFONANILIDE

TOXICITY DATA AND REFERENCES:

3F29K14U26	scu-mus LD50:350 mg/kg	YKKZAJ 83,62,63

KI7344000 ETHANESULFONANILIDE, N-(2-PIPERIDINOPROPYL)-
UPDT:8408 MW: 310.50 MOLFM: C16-H26-N2-O2-S
SYN: N-(2-PIPERIDINOPROPYL)ETHANESULFONANILIDE

TOXICITY DATA AND REFERENCES:

3F29K14U26	scu-mus LD50:275 mg/kg	YKKZAJ 83,62,63

ETHANESULFONIC ACID, 2-AMINO- see: WX0175000

KI7352000 ETHANESULFONIC ACID, 2-HYDROXY-, AMMONIUM SALT
UPDT:8309 MW: 143.18 MOLFM: C2-H5-O4-S · H4-N
SYN: AMMONIUM ISETHIONATE * 2-HYDROXYETHANESULFONIC ACID AMMONIUM SALT

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg MLD	FCTOD7 20,573,82

ETHANESULFONIC ACID, 2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)-, SODIUM SALT see: KK7875000

KI7600000 ETHANESULFONIC ACID, ETHYL ESTER
UPDT:8406 CAS: 1912-30-7 MW: 138.20 MOLFM: C4-H10-O3-S
SYN: DIETHYLSULFONATE * EES * ETHYL ETHANE SULFONATE

MUTATION DATA AND REFERENCES:

	mma-omi 110 mmol/L/30M-C	PNASA6 47,540,61

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ivn-rat TDLo:10 mg/kg (8D preg)	IARCCD 4,100,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANESULFONIC ACID, 2-HYDROXY-, compd. with CARBANILIDE, 3,3'-DIAMIDINO- (2:1) see: FE0200000
ETHANESULFONIC ACID, 1-HYDROXY-, MONOSODIUM SALT (8CI,9CI) see: AB3045000

KI7968000 ETHANESULFONIC ACID, 2-MERCAPTO-, MONOSODIUM SALT
UPDT:8311 CAS: 19767-45-4 MW: 164.18 MOLFM: C2-H5-O3-S2 · Na
SYN: 2-MERCAPTOETHANESULFONIC ACID MONOSODIUM SALT * MESNA * MESNUM * MISTABRON * MITERAN * MUCOLYSIN * SODIUM 2-MERCAPTOETHANESULFONATE * UROSITERAN

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:4440 mg/kg	EJCODS 18,1377,82
*	ipr-rat LD50:1251 mg/kg	EJCODS 18,1377,82
*	ivn-rat LD50:1683 mg/kg	EJCODS 18,1377,82
*	orl-mus LD50:6102 mg/kg	EJCODS 18,1377,82
*	ipr-mus LD50:2005 mg/kg	EJCODS 18,1377,82
*	ivn-mus LD50:1887 mg/kg	EJCODS 18,1377,82
3K12K13U01	ivn-dog LDLo:400 mg/kg	EJCODS 18,1377,82

KI7970000 ETHANESULFONIC ACID, METHYL ESTER
UPDT:8411 CAS: 1912-28-3 MW: 124.17 MOLFM: C3-H8-O3-S
SYN: MES * METHYL ETHANE SULFONATE * METHYL ETHANE SULPHONATE

MUTATION DATA AND REFERENCES:

	mma-ch 20 mmol/L	MUREAV 7,25,69
	dlt-rat-ipr 50 mg/kg	GENRA8 4,333,63

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	orl-rat TDLo:1 gm/kg (25D male)	15QWAW -,62,65
1T25	ipr-rat TDLo:50 mg/kg (1D male)	GENRA8 4,333,63

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANESULFONIC ACID, 2-(METHYL(1-OXO-9-OCTADECENYL)AMINO)-, SODIUM SALT, Z- (9CI) see: WX0500000

KI8000000 ETHANESULFONIC ACID, 2-((2-QUINOLYLMETHYL)AMINO)-
UPDT:8312 MW: 266.34 MOLFM: C12-H14-N2-O3-S
SYN: 2-((2-QUINOLYLMETHYL)AMINO)ETHANESULFONIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:200 mg/kg	JPMSAE 65,1247,76
*	ipr-mus LD50:130 mg/kg	JPMSAE 65,1247,76

KI8020000 ETHANESULFONO-p-PHENETIDIDE, 2-AMINO-
UPDT:8311 CAS: 22103-30-6 MW: 244.34 MOLFM: C10-H16-N2-O3-S
SYN: 2-AMINOETHANESULFONO-p-PHENETIDIDE * AMINOETHANESULFONYL-p-PHENETIDINE * ETHANESULFONAMIDE, 2-AMINO-N-(4-ETHOXYPHENYL)- (9CI) * TAURINOPHENETIDINE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:4500 mg/kg	JPMSAE 60,249,71
2F17F19	ipr-mus LD50:1100 mg/kg	JPMSAE 60,249,71

KI8021000 ETHANESULFONO-p-PHENETIDIDE, 2-AMINO-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 22103-31-7 MW: 280.80 MOLFM: C10-H16-N2-O3-S · Cl-H
SYN: 2-AMINOETHANESULFONO-p-PHENETIDIDE HYDROCHLORIDE * TAURINOPHENETIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1550 mg/kg	JPMSAE 60,249,71
3F12F17F19	ipr-mus LD50:570 mg/kg	JPMSAE 60,249,71
*	scu-mus LD50:590 mg/kg	JPMSAE 60,249,71

KI8060000 ETHANESULFONYL CHLORIDE, 2-CHLORO-
UPDT:8411 CAS: 1622-32-8 MW: 163.02 MOLFM: C2-H4-Cl2-O2-S

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:240 mg/kg	GTPZAB 15(6),59,71
*	ihl-rat LC50:420 mg/m3/4H	GTPZAB 15(6),59,71
*	ihl-mus LC50:250 mg/m3/4H	GTPZAB 15(6),59,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KI8221000 ETHANE, TETRABROMO-
UPDT:8312 CAS: 25167-20-8 MW: 345.68 MOLFM: C2-H2-Br4
SYN: TETRABROMOETHANE * TETRABROMOETHANE (DOT) * UN 2504 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS	CFRGBR 49,172,102,83

KI8225000 ETHANE, 1,1,2,2-TETRABROMO-
UPDT:8408 CAS: 79-27-6 MW: 345.68 MOLFM: C2-H2-Br4
SYN: ACETYLENE TETRABROMIDE * ACETYLENE TETRABROMIDE (DOT) * MUTHMANN'S LIQUID * TBE * 1,1,2,2-TETRABROMAETHAN (German) * TETRABROMOACETYLENE * 1,1,2,2-TETRABROMOETANO (Italian) * 1,1-TETRABROMOETHANE * 1,1,2,2-TETRABROMOETHANE * 1,1,2,2-TETRABROMOETHAAN (Dutch) * UN 2504 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg 24H MOD	AIHAAP 24,28,63
	eye-rbt 100 mg MLD	AIHAAP 24,28,63

MUTATION DATA AND REFERENCES:

	dnr-esc 10 uL/disc	MUREAV 41,61,76

TUMORIGENIC DATA AND REFERENCES:

3V02360R60	skn-mus TDLo:130 gm/kg 74W-I	JJIND8 63,1433,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1100 mg/kg	85GMAT -,107,82
*	ihl-rat LC50:549 mg/m3/4H	85GMAT -,107,82

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

° orl-mus LD50:269 mg/kg 85GMAT -,107,82
° skn-rat LD50:5250 mg/kg 85GMAT -,107,82
3F01L03P01 orl-rbt LD50:400 mg/kg AMIHBC 2,407,50
° orl-gpg LD50:400 mg/kg AIHAAP 30,251,69

REVIEW AND REFERENCES:
★ TLV-TWA 1 ppm; STEL 1500 ppb DTLVS* 4,7,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ppm (SCP-I) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S117
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(a) STATUS REPORT 8EHQ-1078-0254
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KI8400000 ETHANE, TETRACHLORO-
UPDT:8405 CAS: 25322-20-7 MW: 167.84 MOLFM: C2-H2-Cl4
SYN: TETRACHLOROETHANE * TETRACHLOROETHANE (DOT) * UN 1702 (DOT)

MUTATION DATA AND REFERENCES:
dlt-mus-ipr 250 mg/kg BIRUAA 18,94,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 par-mus TDLo:3200 mg/kg (7-14D preg) BIRUAA 14,220,76

TOXICITY DATA AND REFERENCES:
° orl-rat LD50:317 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:1000 ppm/4H AIHAAP 30,470,69
° skn-rbt LD50:6330 mg/kg AIHAAP 30,470,69
1Y16 ipr-gpg LDLo:500 mg/kg AIHAAP 35,21,74

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO TETRACHLOROETHANE recm std:TWA 1 ppm

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KI8450000 ETHANE, 1,1,1,2-TETRACHLORO-
UPDT:8412 CAS: 630-20-6 MW: 167.84 MOLFM: C2-H2-Cl4
SYN: NCI-C52459 * RCRA WASTE NUMBER U208 * 1,1,1,2-TETRACHLOROETHANE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H AMPMAR 35,593,74
eye-rbt 100 mg SEV AMPMAR 35,593,74

TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:129 gm/kg/2Y-I NTPTR* NTP-TR-237,82
2V01L60 orl-mus TD :258 gm/kg/2Y-I NTPTR* NTP-TR-237,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AIHAAP 40,A46,79

STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NTPTR* NTP-TR-237,82)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NTPTR* NTP-TR-237,82)
★ NIOSH CURRENT INTELLIGENCE BULLETIN 27, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KI8575000 ETHANE, 1,1,2,2-TETRACHLORO-
UPDT:8412 CAS: 79-34-5 MW: 167.84 MOLFM: C2-H2-Cl4
SYN: ACETYLENE TETRACHLORIDE * BONOFORM * CELLON * 1,1,2,2-CZTEROCHLOROETAN (Polish) * 1,1-DICHLORO-2,2-DICHLOROETHANE * NCI-C03554 * RCRA WASTE NUMBER U209 * TCE * 1,1,2,2-TETRACHLOORETHAAN (Dutch) * 1,1,2,2-TETRACHLORAETHAN (German) * TETRACHLORETHANE * 1,1,2,2-TETRACHLORETHANE (French) * sym-TETRACHLOROETHANE * 1,1,2,2-TETRACHLOROETHANE * 1,1,2,2-TETRACHLOROETHANE (DOT) * 1,1,2,2-TETRACLOROETANO (Italian) * TETRACHLORURE D'ACETYLENE (French) * UN 1702 (DOT) * WESTRON

MUTATION DATA AND REFERENCES:
mma-sat 200 uL/plate NIOSH*
mma-sat 200 uL/plate NIOSH*
dnr-esc 10 uL/plate EVHPAZ 21,79,77

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:42 gm/kg/78W-I NCITR* NCI-CG-TR-27,78
2V01L60 orl-mus TDLo:55 gm/kg/78W-I NCITR* NCI-CG-TR-27,78
2V01L60 orl-mus TD :110 gm/kg/78W-I NCITR* NCI-CG-TR-27,78

TOXICITY DATA AND REFERENCES:
1F01 orl-hmn TDLo:30 mg/kg PCOC** -,1110,66
2F07F08 ihl-hmn TCLo:1000 mg/m3/30M AHBAAM 116,131,36
° orl-rat LD50:800 mg/kg 85GMAT -,107,82
ihl-rat LCLo:1000 ppm/4H JIHTAB 31,343,49
ihl-mus LCLo:9000 mg/m3/40M AHBAAM 116,131,36
ipr-mus LDLo:30 mg/kg CBCCT* 4,378,52
3L02F04L03 orl-dog LDLo:300 mg/kg AJHYA2 16,325,32
ivn-dog LDLo:50 mg/kg QJPPAL 7,205,34
ihl-cat LCLo:19000 mg/m3/45M AHBAAM 116,131,36
scu-rbt LDLo:500 mg/kg QJPPAL 7,205,34

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AIHAAP 40,A46,79
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 20,477,79
★ TLV-TWA 1 ppm; STEL 5 ppm (skin) DTLVS* 4,390,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-I) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO 1,1,2,2-TETRACHLOROETHANE recm std-air:TWA 1 ppm NTIS**

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-27,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:RAT (NCITR* NCI-CG-TR-27,78)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S124
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 27, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANE, 1,1,2,2-TETRACHLORO-1,2-DIFLUORO- see: KI1420000

KI8760000 ETHANE, TETRACHLOROEPOXY-
UPDT:8309 CAS: 16650-10-5 MW: 181.82 MOLFM: C2-Cl4-O
SYN: EPOXYPERCHLOROVINYL * OXIRANE TETRACHLORO- (9CI) * PCEO * TETRACHLOROEPOXYETHANE * TETRACHLOROETHYLENE OXIDE

MUTATION DATA AND REFERENCES:
otr-ham:emb 4300 umol/L JJIND8 69,531,82

TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:500 mg/kg/66W-I CNREA8 43,159,83
3V03P61R60 scu-mus TDLo:20 mg/kg/70W-I CNREA8 43,159,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KI8925000 ETHANE, 1,1,2,2-TETRAKIS(ALLYLOXY)-
UPDT:8307 CAS: 16646-44-9 MW: 254.36 MOLFM: C14-H22-O4
SYN: 1,1,2,2-TETRAKIS(ALLYLOXY)ETHANE

TOXICITY DATA AND REFERENCES:
° orl-rat LD50:1410 mg/kg TXAPA9 28,313,74
° skn-rbt LD50:1410 mg/kg TXAPA9 28,313,74

ETHANETHIOAMIDE see: AC8925000
ETHANETHIOAMIDE, N-METHYL- (9CI) see: AC6370000
ETHANE, 1,1'-THIOBIS- see: LC7200000
ETHANE, THIOCYANATO- see: XK9900000
ETHANETHIOIC ACID see: AJ5600000
ETHANETHIOIC ACID, (4-CHLORO-2-METHYLPHENOXY)-, S-ETHYL ESTER (9CI) see: AG2650000
ETHANETHIOIC ACID, SODIUM SALT see: AJ7565000

KI9625000 ETHANETHIOL
UPDT:8408 CAS: 75-08-1 MW: 62.14 MOLFM: C2-H6-S
SYN: AETHANETHIOL (German) * AETHYLMERCAPTAN (German) * ETANTIOLO (Italian) * ETHAANTHIO (Dutch) * ETHYL HYDROSULFIDE * ETHYLMERCAPTAAN (Dutch) * ETHYL MERCAPTAN * ETHYL MERCAPTAN (DOT) * ETHYLMERKAPTAN (Czech) * ETHYL SULFHYDRATE * ETHYL THIOALCOHO * ETILMERCAPTANO (Italian) * LPG ETHYL MERCAPTAN 1010 * UN 2363 (DOT) * THIOETHANOL * THIOETHYL ALCOHOL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,166,72
eye-rbt 84 mg AIHAAP 19,171,58
eye-rbt 100 mg/24H SEV 28ZPAK -,166,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1960 mg/kg 28ZPAK -,166,72
ihl-rat LC50:4420 ppm/4H AIHAAP 19,171,58
ipr-rat LD50:450 mg/kg AIHAAP 19,171,58
ihl-mus LD50:2770 mg/kg AIHAAP 19,171,58

REVIEW AND REFERENCES:
★ TLV-TWA 500 ppb; STEL 2 ppm DTLVS* 4,189,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 10 ppm (SCP-V) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO n-ALKANE MONO THIOLS recm std-air:Cl 0.5 ppm/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KJ0175000 ETHANETHIOL, 2-AMINO-
UPDT:8408 CAS: 60-23-1 MW: 77.16 MOLFM: C2-H7-N-S
SYN: 2-AMINOETHANETHIOL * 2-AMINOETHYL MERCAPTAN * BECAPTAN * CISTEAMINA (Italian) * CYSTEAMIDE * CYSTEAMIN * CYSTEAMINE * CYSTEINAMINE * DECARBOXYCYSTEINE * LAMBRATEN * MEA * MECRAMINE * MERCAMINE * MERCAPTAMINE * beta-MERCAPTOETHYLAMINE * (2-MERCAPTOETHYL)AMINE * THIOETHANOLAMINE

MUTATION DATA AND REFERENCES:
pic-esc 50 mg/L APMBAY 12,234,64
dns-hmn:fbr 1 mmol/L CALEDQ 5,199,78
cyt-ham:ovr 1 mmol/L CALEDQ 5,199,78
sce-ham:ovr 100 umol/L MUREAV 68,351,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T26T29 orl-rat TDLo:42 gm/kg (70D pre-21D post) TXAPA9 11,523,67

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:232 mg/kg ARZNAD 5,421,55
scu-rat LD50:84 mg/kg OSDIAF 5,128,56
orl-mus LD50:625 mg/kg JMCMAR 18,798,75
ipr-mus LD50:250 mg/kg JMCMAR 12,510,69
scu-mus LD50:84 mg/kg OSDIAF 5,128,56
ivn-rbt LD50:150 mg/kg ARZNAD 5,421,55

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANETHIOL, 2-AMINO-, DIHYDROGEN PHOSPHATE(ester), MONOSODIUM SALT see: TE6483500

KJ0200000 ETHANETHIOL, 2-AMINO-, HYDROCHLORIDE
UPDT:8405 CAS: 156-57-0 MW: 113.62 MOLFM: C2-H7-N-S Cl-H
SYN: CYSTEAMINE HYDROCHLORIDE * ETHYLAMINE, 2-MERCAPTO- HYDROCHLORIDE * MEA * MERCAPTOETHYLAMINE HYDROCHLORIDE * beta-MERCAPTOETHYLAMINE HYDROCHLORIDE * 2-MERCAPTOETHYLAMINE HYDROCHLORIDE * USAF 26-3

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:232 mg/kg ARZNAD 5,421,55
° orl-mus LD50:1352 mg/kg CPBTAL 20,721,72
° ipr-mus LD50:250 mg/kg JMCMAR 12,510,69
ivn-rbt LD50:150 mg/kg ARZNAD 5,421,55

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ETHANETHIOL, 2-((3-AMINOPROPYL)AMINO)-, DIHYDROGEN PHOSPHATE (ester) see: TE6491000
ETHANETHIOL, 2-((3-AMINOPROPYL)AMINO)-, DIHYDROGEN PHOSPHATE (ester) HYDRATE see: TE6493000

KJ0218000 ETHANETHIOL, 2-(4-(4-BROMO-6-CHLORO-o-TOLYL)BUTYL)AMINO-, HYDROGEN SULFATE (ester)
UPDT:8310 CAS: 6726-90-8 MW: 416.81 MOLFM: C13-H19-Br-Cl-N-O3-S2
SYN: 2-((4-(4-BROMO-6-CHLORO-o-TOLYL)BUTYL)AMINO)ETHANETHIOL HYDROGEN SULFATE (ester)

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:75 mg/kg JMCMAR 15,968,72

KJ0525000 ETHANETHIOL, 2-(DIETHYLAMINO)-
UPDT:8411 CAS: 100-38-9 MW: 133.28 MOLFM: C6-H15-N-S
SYN: DIETHYLAMINOETHANETHIOL * 2-(DIETHYLAMINO)ETHANETHIOL * beta-DIETHYLAMINOETHYL MERCAPTAN * N-DIAETHYL CYSTEAMIN (German) * DIETHYLCYSTEAMIN * N-DIETHYL CYSTEAMINE * N,N-DIETHYL CYSTEAMINE * DIETHYL(2-MERCAPTOETHYL)AMINE

TOXICITY DATA AND REFERENCES:
2F07F12 ihl-mus LD50:231 mg/kg GTPZAB 13(7),26,69
2F07F12 ihl-mus LC50:42500 mg/m3 GTPZAB 13(7),26,69
ipr-mus LD50:96 mg/kg BCPCA6 14,289,65
scu-mus LD50:120 mg/kg AIPTAK 109,108,57

ETHANETHIOL, 2-(ETHYLSULFINYL)-, S-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TG1420000
ETHANETHIOL, 2-(ETHYLTHIO)-, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE see: TE4375000
ETHANETHIOL, 2-(ETHYLTHIO)-, S-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TG1750000
ETHANETHIOLIC ACID see: AJ5600000

KJ1940000 ETHANETHIOL, 2-IMINO-, DIACETATE
UPDT:8407 MW: 195.26 MOLFM: C7-H13-N-S *(C2-H4-O2)
SYN: 2-IMINOETHANETHIOL DIACETATE * MAEIDA (German) * MEIDA * 2-MERCAPTOAETHYLIMINODIACETAT (German)

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:289 mg/kg ARZNAD 17,493,67

KJ2480700 ETHANETHIOL, 2-((2-MORPHOLINOETHYL)AMINO)-, HYDROGEN SULFATE (ester)
UPDT:8312 MW: 270.40 MOLFM: C8-H18-N2-O4-S2

BEST COPY AVAILABLE

SYN: 2-[(2-MORPHOLINOETHYL)AMINO]ETHANETHIOL HYDROGEN SULFATE (ester) * THIOSULFURIC ACID, S-2-[(2-MORPHOLINOETHYL)AMINO]ETHYL ESTER

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:75 mg/kg	JPMSAE 65,1247,76
*	ipr-mus LD50:80 mg/kg	JPMSAE 65,1247,76

KJ2551000 ETHANETHIOL, 2-PYRAZINYL-

UPDT:8305 CAS: 35250-53-4 MW: 140.22 MOLFM: C6-H8-N2-S

SYN: FEMA 3230 * 2-PYRAZINYLETHANETHIOL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:158 mg/kg	FCTXAV 13,487,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ2616000 ETHANETHIOL, 2-(TRIMETHOXYSILYL)-

UPDT:8307 CAS: 7538-45-6 MW: 182.34 MOLFM: C5-H14-O3-S-Si

SYN: 2-MERCAPTOETHYL TRIMETHOXY SILANE * SILANE, (2-MERCAPTOETHYL)TRIMETHOXY * 2-(TRIMETHOXYSILYL)ETHANETHIOL

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2460 mg/kg	AIHAAP 30,470,69
	ipr-mus LD50:17 mg/kg	DANKAS 229(4),1011,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ETHANE TRICHLORIDE see: KJ3150000

KJ2975000 ETHANE, 1,1,1-TRICHLORO-

UPDT:8412 CAS: 71-55-6 MW: 133.40 MOLFM: C2-H3-Cl3

SYN: AEROTHENE TT * CHLOROETENE * CHLOROETHENE * CHLOROETHENE NU * CHLOROFORM, METHYL- * CHLOROTHANE NU * CHLOROTHENE * CHLOROTHENE(Inhibited) * CHLOROTHENE NU * CHLOROTHENE VG * CHLORTEN * INHIBISOL * METHYLCHLOROFORM * METHYL CHLOROFORM (DOT) * METHYLTRICHLOROMETHANE * NCI-C04626 * RCRA WASTE NUMBER U226 * SOLVENT 111 * alpha-T * 1,1,1-TCE * 1,1,1-TRICHLORAETHAN (Dutch) * 1,1,1-TRICHLORAETHAN (German) * TRICHLORO-1,1,1-ETHANE (French) * alpha-TRICHLOROETHANE * 1,1,1-TRICHLOROETHANE * 1,1,1-TRICHLOROETHANE (DOT) * 1,1,1-TRICLOROETANO (Italian) * TRI-ETHANE * UN 2831 (DOT)

IRRITATION DATA AND REFERENCES:

	eye-man 450 ppm/8H	BJIMAG 28,286,71
	skn-rbt 5 gm/12D-I MLD	AIHAAP 19,353,58
	skn-rbt 500 mg/24H MOD	28ZPAK -,28,72
	eye-rbt 100 mg MLD	AIHAAP 19,353,58
	eye-rbt 2 mg/24H SEV	29ZPAK -,28,72

MUTATION DATA AND REFERENCES:

	mma-sat 500 ul/plate	DTESD7 2,249,77
	mma-sat 500 ul/plate	DTESD7 2,249,77
	dnr-esc 500 mg/L	PMRSDJ 1,195,81
	otr-rat-emb 99 umol/L	ITCSAF 14,290,78
	otr-ham-kdy 562 mg/L	PMRSDJ 1,626,81
	otr-ham-emb 100 ul/plate	EVSRRT 25,75,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T47	orl-rat TDLo:43 mg/kg (1-22D preg/21D post)	TJADAB 29(2),25A,84
1T46	ihl-rat TCLo:2100 ppm/24H (14D pre/1-20D preg)	TOXID9 1,28,81
2T53T59	ihl-rat TCLo:2100 ppm/6H (10D pre/1-20D preg)	TEHD6 9,251,82
1T34	inl-rat TCLo:2100 ppm/6H (1-20D preg)	JTEHD6 9,251,82

TOXICITY DATA AND REFERENCES:

	ihl-man LCLo:27 gm/m3/10M	JOCMA7 8,358,66
3F08F17F42	ihl-man TCLo:350 ppm	WEHRBJ 10,82,73
3K12K13K30	orl-hmn TDLo:670 mg/kg	NTIS** PB227-185
2F17D25	ihl-hmn TCLo:920 ppm/70M	AIHAAP 19,353,58
2F17F33	ihl-man TCLo:200 ppm/4H	ARTODN (Suppl 5),96,84
	orl-rat LD50:10300 mg/kg	NTIS** PB257-185
*	ihl-rat LCLo:1000 ppm	FMCHA2 -,C242,83
	ipr-rat LD50:5100 mg/kg	NTIS** PB257-185
	orl-mus LD50:11240 mg/kg	NTIS** PB257-185
	ihl-mus LCLo:11000 ppm/2H	HBTXAC 5,72,59
	ipr-mus LD50:4700 mg/kg	TXAPA9 13,287,68
*	orl-dog LD50:750 mg/kg	FMCHA2 -,C242,83
	ipr-dog LD50:3100 mg/kg	TXAPA9 10,119,67
	ivn-dog LDLo:95 mg/kg	HBTXAC 5,72,59
*	ihl-cat LCLo:600 mg/m3/4H	85GMAT -,38,82
*	orl-rbt LD50:5660 mg/kg	AIHAAP 19,353,58
*	skn-rbt LDLo:1 gm/kg	85GMAT -,38,82
	scu-rbt LDLo:500 mg/kg	HBTXAC 5,72,59
*	orl-gpg LD50:9470 mg/kg	AIHAAP 19,353,58

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FAZMAE 18,365,74; EATR** EB-TR-75047; AIHAAP 40,A46,79

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 20,515,79

★ TLV-TWA 350 ppm; STEL 450 ppm DTLVS* 4,269,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 350 ppm (SCP-J) FEREAC 39,23540,74

★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172,101,82

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172,102,83

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO 1,1,1-TRICHLOROETHANE recm std-air:CL 350 ppm/15M NTIS**

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NCITR* NCI-CG-TR-3,77)

NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003

★ NIOSH CURRENT INTELLIGENCE BULLETIN 27, 1978

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0283-0471 S;8EHQ-0980-0365;8EHQ-0982-0457; 8EHQ-0979-0310

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ3150000 ETHANE, 1,1,2-TRICHLORO-

UPDT:8412 CAS: 79-00-5 MW: 133.40 MOLFM: C2-H3-Cl3

SYN: ETHANE TRICHLORIDE * NCI-C04579 * RCRA WASTE NUMBER U227 * beta-T * beta-TRICHLOROETHANE * 1,1,2-TRICHLORETHANE * 1,1,2-TRICHLOROETHANE * 1,2,2-TRICHLOROETHANE * TROJCHLOROETAN(1,1,2) (Polish) * VINYL TRICHLORIDE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg open MLD	UCDS** 6/28/72
	skn-rbt 810 mg/24H SEV	EJTXAZ 9,171,76
	eye-rbt 162 mg MLD	EJTXAZ 9,171,76
	skn-gpg 1440 mg/15M	APTOA6 41,298,77

MUTATION DATA AND REFERENCES:

	cyt-gpg-skn 2880 ug/kg	APTOA6 41,298,77
	dnd-mam-lym 1 mmol/L	TOLED5 11,243,82

TUMORIGENIC DATA AND REFERENCES:

3V01L60N61	orl-mus TDLo:76 gm/kg/78W-I	NCITR* NCI-CG-TR-74,78
3V01L60N61	orl-mus TD:152 gm/kg/78W-I	NCITR* NCI-CG-TR-74,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:580 mg/kg	AIHAAP 30,470,69
	ihl-rat LCLo:500 ppm/8H	AIHAAP 30,470,69
	ipr-mus LD50:494 mg/kg	TXAPA9 9,139,66
	scu-mus LD50:227 mg/kg	JPETAB 123,224,58
2F04L02	orl-dog LDLo:500 mg/kg	AJHYA2 16,325,32
	ipr-dog LD50:450 mg/kg	TXAPA9 10,119,67
	ivn-dog LDLo:95 mg/kg	QJPPAL 7,205,34
	ihl-cat LCLo:13100 mg/m3/4.5H	AHBAAM 116,131,36
*	skn-rbt LD50:3730 mg/kg	AIHAAP 30,470,69
	scu-rbt LDLo:500 mg/kg	QJPPAL 7,205,34

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FAZMAE 18,365,74; AIHAAP 40,A46,79

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 20,533,79

★ TLV-TWA 10 ppm; STEL 20 ppm (skin) DTLVS* 4,406,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ppm (skin) (SCP-J) FEREAC 39,23540,74

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-74,78)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-74,78)

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S134

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JLTNE, 1985

★ NIOSH CURRENT INTELLIGENCE BULLETIN 27, 1978

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0979-0310

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ3325000 ETHANE, 1,1,1-TRICHLORO-2,2-BIS(p-CHLOROPHENYL)-

UPDT:8412 CAS: 50-29-3 MW: 354.48 MOLFM: C14-H9-Cl5

SYN: ACARITAN * ANOREX * ARKOTINE * AZOTOX * BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS(4-CHLORO- * alpha,alpha-BIS(p-CHLOROPHENYL)-beta,beta,beta-TRICHLORETHANE * 1,1-BIS-(p-CHLOROPHENYL)-2,2,2-TRICHLOROETHANE * 2,2-BIS(p-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE * BOSAN SUPRA * BOVIDERMOL * CHLOROPHENOTHAN * CHLOROPHENOTHANE * CHLOROPHENOTOXUM * CITOX * CLOFENOTANE * DDT * p,p'-DDT * DDT (DOT) * DEDELO * DEOVAL * DETOX * DETOXAN * DIBOVAN * DICHLORODIPHENYLTRICHLOROETHANE * p,p'-DICHLORODIPHENYLTRICHLOROETHANE * 4,4'-DICHLORODIPHENYLTRICHLOROETHANE * DICHLORODIPHENYLTRICHLOROETHANE (DOT) * DICOPHANE * DIDIGAM * DIDIMAC * DIPHENYLTRICHLOROETHANE * DODAT * DYROL * ENT 1,506 * ESTONATE * GENITOX * GESAFID * GESAPON * GESAREX * GESAROL * GUESAPON * GUESAROL * GYRON * HAVERO-EXTRA * HILDIT * IVORAN * IXODEX * KOPSOL * MICRO DDT 75 * MUTOXIN * NA 2761 (DOT) * NCI-C00464 * NEOCID * PARACHLOROCIDUM * PEB1 * PENTACHLORIN * PENTECH * PPZEIDAN * R50 * RCRA WASTE NUMBER U061 * RUKSEAM * SANTOBANE * TECH DDT * 1,1,1-TRICHLOOR 2,2-BIS(4-CHLOOR FENYL)-ETHAAN (Dutch) * 1,1,1-TRICHLOR-2,2-BIS(4-CHLOR-PHENYL) AETHAN (German) * TRICHLOROBIS(4-CHLOROPHENYL)ETHANE * 1,1,1-TRICHLORO-2,2-BIS(p-CHLOROPHENYL)ETHANE * 1,1,1-TRICHLORO-2,2-DI(4-CHLOROPHENYL)-ETHANE * 1,1,1-TRICLORO-2,2-BIS(4-CLORO-FENIL)-ETANO (Italian) * TRPPA4 28,87,72 (TER neg) * ZEIDANE * ZERDANE

MUTATION DATA AND REFERENCES:

	dnd-esc 15 umol/L	MUREAV 89,95,81
	cyt-dmg-orl 1 ug	AJBSAM 27,427,74
	sln-dmg-orl 1 ug	AJBSAM 27,427,74
	dlt-dmg-orl 1 ug	AJBSAM 27,427,74
	oms-qal-emb 5 gm/L	EXPEAM 30,920,74
	oms-ckn-emb 5 gm/L	EXPEAM 30,920,74
	cyt-qal-emb 5 gm/L	EXPEAM 30,920,74
	cyt-ckn-emb 5 gm/L	EXPEAM 30,920,74
	dlt-ain-orl 200 ppm	ETEAAT 12,221,69
	cyt-hmn-lym 200 ug/L/72H	MUREAV 40,131,75
	cyt-rat-ipr 100 mg/kg	JCLBA3 47,78a,70
	cyt-rat-oth 10 ug/L	34LKAP -,555,76
	dlt-rat-orl 100 mg/kg	FCTXAV 11,53,73
	spm-rat-orl 1 gm/kg/2D-I	BECTA6 14,171,75
	otr-mus-emb 42600 nmol/L	JNCIAM 54,981,75
	dnd-mus-ast 15 umol/L	MUREAV 89,95,81
	dni-mus-ipr 20 gm/kg	ARGEAR 51,605,81
	cyt-mus-ipr 50 ppm	CNJGAB 16,491,74
	cyt-mus-unk 50 mg/kg	PHTHDT 6,147,79
	cyt-mus-orl 300 mg/kg	AJBSAM 27,427,74
	dlt-mus-orl 100 mg/kg	PHTHDT 6,147,79
	dlt-mus-unk 200 mg/kg/10W-I	PHTHDT 6,147,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T02	orl-rat TDLo:112 mg/kg (56D male)	IJEBA6 16,1002,78
1T24	orl-rat TDLo:100 mg/kg (1D male)	FCTXAV 11,53,73
1T81	orl-rat TDLo:430 mg/kg (1-22D preg/21D post)	BECTA6 12,373,74
1T22	orl-rat TDLo:1890 mg/kg (36W pre)	AECTCV 3,479,75/76
1T53	orl-rat TDLo:250 mg/kg (15-19D preg)	BNEOBV 26,283,75
1T29	orl-rat TDLo:50 mg/kg (1D male)	FCTXAV 11,53,73
1T13	ipr-rat TDLo:60 mg/kg (3D pre)	TXAPA9 18,348,71
2T76T81	ipr-rat TDLo:21 mg/kg (21D post)	NATUAS 228,1222,70
1T85	orl-mus TDLo:504 mg/kg (21D post)	ENPBBC 4,189,74
1T29	orl-mus TDLo:81 mg/kg (4W male/4W pre-2W post)	TXAPA9 10,54,67
1T14	orl-mus TDLo:124 mg/kg (62D pre)	ENPBBC 3,127,73
1T24	orl-mus TDLo:148 mg/kg (66D pre/1-8D preg)	ENPBBC 3,127,73
1T24	ipr-mus TDLo:40 mg/kg (1-3D preg)	BECTA6 9,267,73
1T14	ipr-mus TDLo:40 mg/kg (1D pre)	AMBOCK 1,148,72
1T31	scu-mus TDLo:418 mg/kg (6-14D preg)	NTIS** PB223-160
1T91	scu-mus TDLo:143 mg/kg (21D post)	ENPBBC 5,54,75
3T12T13T14	scu-mus TDLo:40 mg/kg (3D pre)	IJMRAQ 65,576,77
2T53T91	unk-mus TDLo:3 mg/kg (10-17D preg)	TXAPA9 22,327,72
1T85	unk-mus TDLo:17500 ug/kg (8-14D preg)	PSYPAG 12,424,68
2T16T91	orl-dog TDLo:3540 mg/kg (MGN)	AECTCV 6,83,77
3T16T25T34	orl-rbt TDLo:150 mg/kg (7-9D preg)	AIPTAK 192,286,71

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-rat TDLo:1225 mg/kg/7W-C	TUMOAB 61,113,75
3V02T65L60	orl-mus TDLo:24 mg/kg (MGN)	JNCIAM 51,983,73
3V01J60P62	orl-mus TDLo:73 mg/kg/26W-C	FCTXAV 7,215,69
3V02J60P62	scu-mus TDLo:370 mg/kg/80W-I	IJCNAW 19,725,77
3V03M62T64	orl-ham TDLo:21280 mg/kg/38W-I	PSEBAA 134,113,70
2V02L60	orl-rat TD:12096 mg/kg/3Y-C	TUMOAB 68,11,82
3V02J60L60	orl-mus TD:7560 mg/kg/90W-C	FCTXAV 11,433,73
3V02J60P62	orl-mus TD:5600 mg/kg/80W-I	IJCNAW 19,725,77
3V03L60M03	orl-rat TD:8100 mg/kg/2Y-C	TXAPA9 11,88,67
2V03L60	orl-mus TD:3150 mg/kg/15W-C	ZKKOBW 82,25,74
3V02T65J60	orl-mus TD:3408 mg/kg (MGN)	IJCNAW 11,688,73
3V02L60P62	orl-rat TD:19 gm/kg/2Y-C	IJCNAW 19,179,77
3V02L60P62	orl-rat TD:438 mg/kg/2Y-C	REONBL 26,177,79
2V02L60	orl-rat TD:17976 mg/kg/2Y-C	TUMOAB 68,11,82

DOCUMENT NOT AVAILABLE

2V02L60 orl-rat TD :24192 mg/kg/3Y-C TUMOAB 68,11,82

TOXICITY DATA AND REFERENCES:

orl-inf LDLo:150 mg/kg BMJOAE 2,845,45
3F12G04J30 orl-hmn LDLo:500 mg/kg MEIEDD 10,409,83
unk-man LDLo:221 mg/kg 85DCAI 2,73,70
* orl-rat LD50:87 mg/kg DOEAAH 35,25,79
skn-rat LD50:1931 mg/kg SPEADM 74-1,-,74
ipr-rat LD50:74 mg/kg ANTBAL 14,316,69
scu-rat LD50:1300 mg/kg BMJOAE 1,865,45
ivn-rat LDLo:30 mg/kg JPETAB 86,213,46
ivn-rat LD50:68 mg/kg ANTBAL 14,316,69
orl-mus LD50:135 mg/kg FEPRA7 12,368,53
ipr-mus LD50:77 mg/kg ANTBAL 14,316,69
ivn-mus LD50:68500 ug/kg ANTBAL 14,316,69
orl-dog LDLo:300 mg/kg MEMOAQ 4,25,50
ivn-dog LDLo:75 mg/kg JPETAB 86,213,46
orl-mky LD50:200 mg/kg AVPCAQ 12,31,75
ivn-mky LDLo:50 mg/kg JPETAB 86,213,46
orl-cat LDLo:250 mg/kg JPETAB 86,213,46
ivn-cat LDLo:40 mg/kg JPETAB 86,213,46
orl-rbt LD50:250 mg/kg PCOC** -,347,66
skn-rbt LD50:300 mg/kg BMJOAE 1,865,45
scu-rbt LD50:250 mg/kg BMJOAE 1,865,45
ivn-rbt LDLo:50 mg/kg JPETAB 86,213,46
orl-gpg LD50:150 mg/kg EJTXAZ 7,159,74
skn-gpg LD50:1000 mg/kg BMJOAE 1,865,45
scu-gpg LD50:900 mg/kg BMJOAE 1,865,45
orl-ckn LDLo:300 mg/kg MEMOAQ 4,25,50
orl-frg LD50:7600 ug/kg ENVPAF 20,45,79
scu-frg LD50:35 mg/kg AIPTAK 74,343,47
orl-dom LDLo:300 mg/kg MEMOAQ 4,25,50

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JSIRAC 34,462,75; AABIAV 35,505,48; ATXKAB 29,1,72; ADCSAJ 1,160,50; ENVRAL 7(2),243,74; RREVAH 48,141,73; RREVAH 59,119,75; ADCSAJ 1,160,50; RREVAH 61,37,75; NOALA4 41(217),271,75; MZUZAB (8),90,73; CNDQAB 10(3),43,75; ECMAAI 14(3),141,73; DTTIAF 80(20),485,73; RREVAH 56,107,75; AJDDAL 20,331,53; AJMEAZ 38,409,65; ETOXAC 7,1,76; IRGGAJ 24,193,68; BISNAS 20,958,70; 85CVA2 5,250,70; PTPAD4 7,513,79; CTOXAO 13,231,78; EESADV 1,89,77; EESADV 1,503,78; GISAAA 42(9),66,77; BLPSBY 24,129,83; NTIS** PB82-922903; BNYMAM 54,413,78

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 5,83,74
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 5,83,74
★ TLV-TWA 1 mg/m3; STEL 3 mg/m3 DTLVS* 4,117,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 1 mg/m3 (skin) (SCP-S) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO DDT recm std-air:TWA 0.5 mg/m3; avoid skin contact

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-131,78)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S274
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985 REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984 MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ3332000 ETHANE, 1,1,1-TRICHLORO-2,2-BIS(p-CHLOROPHENYL)-, compd. with PHOSPHORODITHIOIC ACID O, O- DIMETHYL ESTER, S-ESTER with 2-MERCAPTO-N-METHYL ACETAMIDE

UPDT:8309 MW: 583.75 MOLFM: C5-H12-N-O3-P-S2 C14-H9-Cl5

SYN: DDT-DIMETHOATE * DIMETHOATE-DDT * VANTAL

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:900 mg/kg FMCHA2 -,C251,83

KJ3675000 ETHANE, 1,1,1-TRICHLORO-2,2-BIS(p-METHOXYPHENYL)-

UPDT:8412 CAS: 72-43-5 MW: 345.66 MOLFM: C16-H15-Cl3-O2

SYN: 2,2-BIS(p-ANISYL)-1,1,1-TRICHLOROETHANE * 1,1-BIS(p-METHOXYPHENYL)-2,2,2-TRICHLOROETHANE * 2,2-BIS(p-METHOXYPHENYL)-1,1,1-TRICHLOROETHANE * CHEMFORM * DIANISYLTRICHLOROETHANE * 2,2-DI-p-ANISYL-1,1,1-TRICHLOROETHANE * DIMETHOXY-DDT * p,p'-DIMETHOXYDIPHENYLTRICHLOROETHANE * DIMETHOXY DT * 2,2-DI-(p-METHOXYPHENYL)-1,1,1-TRICHLOROETHANE * DI(p-METHOXYPHENYL)-TRICHLOROMETHYL METHANE * DMDT * p,p-DMDT * ENT 1,716 * ETHANE, 2,2-BIS(p-ANISYL)-1,1,1-TRICHLORO- * FLO PRO McSEED PROTECTANT * MARALATE * MARLATE * METHOXCIDE * METHOXO * METHOXYCHLOR * P,P-METHOXYCHLOR * METHOXYCHLOR (DOT) * METHOXY-DDT * METOXSYCHLOR (Polish) * METOX * MOXIE * NA 2761 (DOT) * NCI-C00497 * RCRA WASTE NUMBER U247 * 1,1,1-TRICHLORO-2,2-BIS(p-ANISYL)ETHANE * 1,1-(2,2,2-TRICHLOROETHYLIDENE)BIS(4-METHOXYBENZENE) * 1,1,1-TRICHLORO-2,2-BIS(p-METHOXYPHENOL)ETHANOL * 1,1,1-TRICHLORO-2,2-BIS(p-METHOXYPHENYL)ETHANE * 1,1,1-TRICHLORO-2,2-DI(4-METHOXYPHENYL)ETHANE

MUTATION DATA AND REFERENCES:

otr-mus:fbr 2 mg/L JJIND8 67,1303,81
cyt-mus-orl 6 mg/kg/50D-I FOMOAJ 35,361,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03 orl-rat TDLo:66 gm/kg (33D male) JPETAB 138,126,62
3T25T26T34 orl-rat TDLo:2 gm/kg (6-15D preg) TXAPA9 45,435,78
1T46 orl-rat TDLo:2 gm/kg (6-15D preg) TXAPA9 45,435,78
3T112T86T91 orl-rat TDLo:4250 mg/kg (42D pre-21D post) JAFCAU 22,969,74
3T13T21T22 orl-rat TDLo:10625 mg/kg (42D pre-21D post) JAFCAU 22,969,74
1T01 unk-rat TDLo:7 gm/kg (70D male) AHEMA5 9,89,80
1T11 unk-rat TDLo:2100 mg/kg (21D pre) AHEMA5 9,89,80
1T21 unk-rat TDLo:9100 mg/kg (70D male/21D pre) AHEMA5 9,89,80
1T02 skn-rbt TDLo:156 gm/kg (15W male) EVHPAZ 36,205,80

TUMORIGENIC DATA AND REFERENCES:

2V01T62 orl-rat TDLo:18200 mg/kg/2Y-C EVHPAZ 36,205,80
3V01J60T61 orl-mus TDLo:56700 mg/kg/90W-C JCROD7 93,173,79
2V03L60 orl-dog TDLo:383 gm/kg/3Y-C EVHPAZ 36,205,80
3V03L50J30 orl-rat TD :41 gm/kg/2Y-C TXAPA9 11,88,67
2V03L60 orl-mus TD :62622 mg/kg/2Y-C EVHPAZ 36,205,80
3V01L60T63 orl-rat TD :80 gm/kg/2Y-C LIFSAK 24,1367,79
2V01L60 orl-rat TD :72800 mg/kg/2Y-C EVHPAZ 36,205,80
2V01L60 orl-rat TD :87360 mg/kg/2Y-C EVHPAZ 36,205,80
2V03P62 orl-rat TD :10920 mg/kg/1Y-C AIPTAK 83,491,50
2V03P62 orl-rat TD :45500 mg/kg/1Y-C AIPTAK 83,491,50

TOXICITY DATA AND REFERENCES:

orl-hmn LDLo:6430 mg/kg PCOC** -,705,66
1F07 skn-hmn TDLo:2414 mg/kg PCOC** -,705,66
orl-rat LD50:5000 mg/kg JPETAB 99,140,50
* skn-rat LD50:7600 mg/kg JAVMA4 157,1835,70
ipr-rat LDLo:500 mg/kg CBCCT* 2,60,50
orl-mus LD50:1850 mg/kg AIPTAK 73,128,46

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: DTTIAF 80(20),485,73; RREVAH 56,107,75; CTOXAO 13,231,78
★ CARCINOGENIC REVIEW:NEGATIVE IARC** 20,259,79
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 5,193,74
★ TLV-TWA 10 mg/m3 DTLVS* 4,258,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 15 mg/m3 (SCP-W) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-35,78)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S371*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984 MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ3975000 ETHANE, 1,1,1-TRICHLORO-3,3,3-TRIFLUORO-

UPDT:8305 CAS: 26523-64-8 MW: 187.37 MOLFM: C2-Cl3-F3

SYN: FREON 113 * GENETRON 113 * PRECISION CLEANING AGENT * TF * T-WD602 * TRICHLOROTRIFLUOROETHANE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:8600 mg/kg EJTXAZ 7,247,74

KJ4000000 ETHANE, 1,1,2-TRICHLORO-1,2,2-TRIFLUORO-

UPDT:8408 CAS: 76-13-1 MW: 187.37 MOLFM: C2-Cl3-F3

SYN: FLUOROCARBON 113 * FREON 113 * FRIGEN 113 TR.T * HALOCARBON 113 * KAISER CHEMICALS 11 * TRICHLOROTRIFLUOROETHANE * 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE * 1,1,2-TRIFLUORO-1,2,2-TRICHLOROETHANE * UCON 113 * UCON FLUOROCARBON 113 * UCON 113-HALOCARBON 113

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg open MLD UCDS** 7/10/70

TOXICITY DATA AND REFERENCES:

orl-rat LD50:43 gm/kg JMCMAR 7,378,64
ihl-rat LCLo:87000 ppm/6H JOCMA7 4,262,62
ihl-mus LCLo:25 pph/1.5M ANASAB 16,3,61

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FAZMAE 18,365,74; AIHAAP 29,521,68
★ TLV-TWA 1000 ppm; STEL 1250 ppm DTLVS* 4,411,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 1000 ppm (SCP-I) FEREAC 39,23540,74

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S129
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985 REPORTED IN EPA TSCA INVENTORY, 1983

KJ4100000 ETHANE, TRIFLUORO-

UPDT:8312 CAS: 27987-06-0 MW: 84.05 MOLFM: C2-H3-F3

SYN: TRIFLUOROETHANE * TRIFLUOROETHANE (DOT) * UN 2035 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83

1,1,1-ETHANETRIOL DIPHOSPHONATE see: SZ8561750

KJ4200000 ETHANE, 1,2-(TRISDIMETHYLAMINOSILYL)-

UPDT:8307 CAS: 20245-45-7 MW: 348.78 MOLFM: C14-H40-N6-Si2

SYN: 1,2-(TRISDIMETHYLAMINOSILYL)ETHANE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1230 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:790 mg/kg TXAPA9 28,313,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHANIMIDAMIDE, N,N'-BIS(4-ETHOXYPHENYL)- (9CI) see: AD0350000
ETHANIMIDAMIDE, N,N'-BIS(4-ETHOXYPHENYL)-, MONOHYDROCHLORIDE (9CI) see: AD0525000
ETHANIMIDAMIDE, N,N'-BIS(4-(1-METHYLETHOXY)PHENYL)- see: AD0540000
ETHANIMIDAMIDE, N-(2-(1-METHYLETHOXY)PHENYL)-N'-(4-(1-METHYLETHOXY)PHENYL)- see: AD0885000
ETHANIMIDAMIDE, N-(4-(1-METHYLETHOXY)PHENYL)-N'-2-NAPHTHALENYL- see: AD0886000
ETHANIMIDAMIDE, N-(4-(1-METHYLETHOXY)PHENYL)-N'-PHENYL- see: AD0887000
ETHANIMIDIC ACID, METHYL ESTER see: AK2936000
ETHANIMIDIC ACID, N-(TRIMETHYLSILYL)-, TRIMETHYLSILYL ESTER see: AK3000000
ETHANIMIDOTHIOIC ACID, N-((AMINOCARBONYL)OXY)-, METHYL ESTER see: AB2955000
ETHANIMIDOTHIOIC ACID, N-(((METHYLAMINO)CARBONYL)OXY)-, METHYL ESTER (9CI) see: AK2975000
ETHANIMINIUM, 2,2'-(1,3-PHENYLENEBIS(CARBONYLIMINO))BIS(N,N,N-TRIMETHYL-, DIIODIDE see: BR6517000

KJ4550000 9,10-ETHANOANTHRACENE-9-(10H)-METHYLAMINE, N-METHYL-, HYDROCHLORIDE

UPDT:8403 CAS: 10085-81-1 MW: 285.84 MOLFM: C18-H19-N-Cl-H

SYN: BA 30,803 * BENZOCTAMINE HYDROCHLORIDE * N-METHYLETHANOANTHRACENE-9-(10H)-METHYLAMINE HYDROCHLORIDE * 1-METHYLAMINOMETHYLDIBENZO(b,e)BICYCLO(2,2,2)OCTADIENE HYDROCHLORIDE * TACITIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T42T46 ims-rat TDLo:51 mg/kg (2-18D preg) BSIBAC 49,1309,73

TOXICITY DATA AND REFERENCES:

orl-rat LD50:700 mg/kg TXAPA9 18,185,71
ivn-rat LD50:26 mg/kg 27ZQAG -,336,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ4555000 9,10-ETHANOANTHRACENE-9(10H)-PROPYLAMINE, N-METHYL-, HYDROCHLORIDE

UPDT:8310 CAS: 10347-81-6 MW: 313.90 MOLFM: C20-H23-N-Cl-H

SYN: BA 34276 * CIBA 34 * CIBA 34276 BA * CIBA 34276 HYDROCHLORIDE * LUDIOMIL * MAPROTILINE HYDROCHLORIDE * 1-(3-METHYLAMINOPROPYL)DIBENZO(b,e)BICYCLO(2,2,2)OCTADIENE HYDROCHLORIDE * 9-(gamma-METHYLAMINOPROPYL)-9,10-DIHYDRO-9,10-ETHANOANTHRACENE HYDROCHLORIDE * N-METHYL-9,10-ETHANOANTHRACENE-9(10H)-PROPANAMINE HYDROCHLORIDE * N-METHYL-9,10-ETHANOANTHRACENE-9(10H)-PROPYLAMINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81 orl-rat TDLo:420 mg/kg (17-22D preg/21D post) OYYAA2 15,567,78
1T34 orl-rat TDLo:210 mg/kg (9-15D preg) JZKEDZ 2,69,76
1T71 orl-mus TDLo:105 mg/kg (7-13D preg) JZKEDZ 2,69,76
1T34 orl-mus TDLo:210 mg/kg (7-13D preg) JZKEDZ 2,69,76
1T46 orl-rbt TDLo:32500 ug/kg (6-18D preg) OYYAA2 15,555,78

TOXICITY DATA AND REFERENCES:

3F01F08F12 orl-hmn TDLo:17 mg/kg BMJOAE 1,1573,77
3C08F12J25 orl-rat LD50:760 mg/kg BCFAAI 112,601,73
3C08F12J25 ipr-rat LD50:72 mg/kg BCFAAI 112,601,73
3C08F12J25 scu-rat LD50:170 mg/kg BCFAAI 112,601,73
* ivn-rat LD50:35 mg/kg NIIRDN 6,803,82
* orl-mus LD50:480 mg/kg NIIRDN 6,803,82
* scu-mus LD50:325 mg/kg IYKEDH 12,1204,81
3C08F12J25 ivn-mus LD50:31 mg/kg BCFAAI 112,601,73
3C08F12J25 orl-dog LDLo:20 mg/kg BCFAAI 112,601,73
* ivn-dog LD50:20 mg/kg BCFAAI 112,782,73

BEST COPY AVAILABLE

3C08F12J25 ivn-cat LDLo:30 mg/kg BCFAAI 112,601,73
3C08F12J25 ivn-rbt LDLo:20 mg/kg BCFAAI 112,601,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANOCHRYSANTHEMATE see: GZ1231000

KJ4625000 6,8b-ETHANO-8bH-CYCLOPENTA(de)-2-BENZOPYRAN-1,4-DIONE, OCTAHYDRO-10,10-DIMETHYL-, (3a-alpha, 5a-beta,6-alpha,8a-alpha,8b-alpha)-
UPDT:8308 MW: 248.35 MOLFM: C15-H20-O3
SYN: G-2408 * NSC 284437 * QUADRONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg 85GDA2 6,117,81

KJ4630000 7,14-ETHANODIBENZ(a,b)ANTHRACENE-15,16-DICARBOXYLIC ACID, 7,14-DIHYDRO-
UPDT:8401 CAS: 4665-48-9 MW: 394.46 MOLFM: C26-H18-O4
SYN: 1,2:5,6-DIBENZANTHRACENE-9,10-ENDO-alpha,beta-SUCCINIC ACID * 7,14-DIHYDRO-7,14-ETHANODIBENZ(a,b)ANTHRACENE-15,16-DICARBOXYLIC ACID
MUTATION DATA AND REFERENCES:
mma-esc 2040 mg/L/4H GENTAE 39,141,54
TUMORIGENIC DATA AND REFERENCES:
3V01R60T64 scu-rat TDLo:665 mg/kg/50D-I 85DLAB -,-,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ4660000 7,14-ETHANODIBENZ(a,h)ANTHRACENE-15,16-DICARBOXYLIC ACID, 7,14-DIHYDRO- SODIUM SALT
UPDT:8401 CAS: 63041-43-0 MW: 438.40 MOLFM: C26-H16-O4-2Na
SYN: 1,2:5,6-DIBENZANTHRACENE-9,10-ENDO-alpha,beta-SUCCINIC ACID SODIUM SALT * SODIUM 1,2:5,6-DIBENZANTHRACENE-9,10-ENDO-alpha,beta-SUCCINATE
MUTATION DATA AND REFERENCES:
mmo-esc 500 ppm CRSBAW 142,453,48
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-mus TDLo:2304 mg/kg/16W-I JPBAA7 54,321,42
3V03P61Q60 ipr-mus TDLo:900 mg/kg/8W-I AJCAA7 27,267,36
2V03N60 scu-mus TD :1824 mg/kg/13W-I JPBAA7 47,501,38
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ4950000 7,14-ETHANODIBENZ(a,b)ANTHRACENE-15,16-DICARBOXYLIC ACID, 7,14-DIMETHYL-
UPDT:8401 MW: 372.44 MOLFM: C24-H20-O4
SYN: 7,12-DIMETHYLBENZANTHRACENE-7,12-ENDO-alpha,beta-SUCCINIC ACID * 7,14-DIMETHYL-7,14-ETHANODIBENZ(a,b)ANTHRACENE-15,16-DICARBOXYLIC ACID
TUMORIGENIC DATA AND REFERENCES:
3V01R60T64 scu-rat TDLo:600 mg/kg/50D-I 85DLAB -,-,75
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:297 mg/kg 85DLAB -,-,75
ipr-mus LDLo:247 mg/kg 85DLAB -,-,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANOIC ACID see: AF1225000
ETHANOIC ANHYDRATE see: AK1925000
ETHANOL see: KQ6300000
N-ETHANOLACETAMIDE see: AC3120000

KJ5124000 ETHANOL, 2-(9-ACRIDINYLAMINO)-, ACETATE (ester)
UPDT:8402 MW: 280.35 MOLFM: C17-H16-N2-O2
SYN: 2-(9-ACRIDINYLAMINO)ETHANOL ACETATE (ester)
MUTATION DATA AND REFERENCES:
mmo-sat 50 uL/well MUREAV 116,289,83

KJ5137000 ETHANOL, 2-(2-ADAMANTYLAMINO)-, HYDROCHLORIDE
UPDT:8303 MW: 231.80 MOLFM: C12-H21-N-O Cl-H
SYN: 2-(2-ADAMANTYLAMINO)ETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:235 mg/kg PCJOAU 14,313,80
ETHANOLAMINE see: KJ5775000
beta-ETHANOLAMINE see: KJ5775000
ETHANOLAMINE SALT of 5,2'-DICHLORO-4'-NITROSALICYCLICANILIDE see: VN8575000
ETHANOL, 1-AMINO- (8CI,9CI) see: AB1950000

KJ5775000 ETHANOL, 2-AMINO-
UPDT:8408 CAS: 141-43-5 MW: 61.10 MOLFM: C2-H7-N-O
SYN: AETHANOLAMIN (German) * 2-AMINOAETHANOL (German) * 2-AMINOETANOLO (Italian) * 2-AMINOETH-NOL * beta-AMINOETHYL ALCOHOL * COLAMINE * ETANOLAMINA (Italian) * ETHANOLAMINE * beta-ETHANOLAMINE * ETHYLOLAMINE * GLYCINOL * beta-HYDROXYETHYLAMINE * 2-HYDROXYETHYLAMINE * MEA * MONOAETHANOLAMIN (German) * MONOETHANOLAMINE * MONOETHANOLAMINE (DOT) * OLAMINE * THIOFACO M-50 * UN 2491 (DOT) * USAF ER-1597
IRRITATION DATA AND REFERENCES:
skn-rbt 505 mg open MOD UCDS** 1/13/73
eye-rbt 763 ug SEV AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2100 mg/kg 85ESA3 9,490,70
* skn-rat LD50:1500 mg/kg GTPZAB 23(9),55,79
ipr-rat LD50:981 mg/kg TXAPA9 12,486,68
ivn-rat LD50:800 mg/kg ZTMPA5 13,1,62
* ims-rat LD50:1750 mg/kg GTPZAB 23(9),55,79
* orl-mus LD50:1475 mg/kg GTPZAB 23(9),55,79
ipr-mus LDLo:50 mg/kg NTIS** AD277-689
scu-mus LD50:2537 mg/kg ARZNAD 4,649,54
* orl-rbt LD50:1000 mg/kg GTPZAB 23(9),55,79
skn-rbt LD50:1000 mg/kg UCDS** 1/13/72
* orl-gpg LD50:820 mg/kg GTPZAB 23(9),55,79
REVIEW AND REFERENCES:
★ TLV-TWA 3 ppm; STEL 6 ppm DTLVS* 4,170,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 3 ppm (SCP-J) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 270*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ5810000 ETHANOL, 2-AMINO-1,2-BIS(2,3-DIMETHOXYPHENYL)-, HYDROCHLORIDE, dl-
UPDT:8412 MW: 369.88 MOLFM: C18-H23-N-O5 Cl-H
TOXICITY DATA AND REFERENCES:
3F07F12F17 scu-mus LDLo:33o mg/kg JAPMA8 39,354,50

KJ5815000 ETHANOL, 2-AMINO-1,2-BIS(3,4-DIMETHOXYPHENYL)-, HYDROCHLORIDE, dl-
UPDT:8412 MW: 369.88 MOLFM: C18-H23-N-O5 Cl-H
TOXICITY DATA AND REFERENCES:
3F17F23J22 scu-mus LDLo:1344 mg/kg JAPMA8 39,354,50

KJ5818000 ETHANOL, 2-AMINO-1,2-BIS(p-METHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8412 MW: 309.82 MOLFM: C16-H19-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:509 mg/kg JAPMA8 39,354,50

KJ5820000 ETHANOL, 2-AMINO-1,2-BIS(p-METHOXYPHENYL)-, HYDROCHLORIDE, DL-
UPDT:8412 MW: 309.82 MOLFM: C16-H19-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
3F11F12F23 scu-mus LDLo:772 mg/kg JAPMA8 39,354,50

KJ5950000 ETHANOL, 2-AMINO-1,2-DIPHENYL-
UPDT:8403 CAS: 530-36-9 MW: 213.30 MOLFM: C14-H15-N-O
SYN: 2-AMINO-1,2-DIPHENYLETHANOL * beta-AMINO-alpha-HYDROXYBIBENZYL * beta-AMINO-alpha-PHENYLBENZENEETHANOL * sym-DIPHENYLETHANOLAMINE * 1,2-DIPHENYL-2-HYDROXYETHYLAMINE * alpha-HYDROXY-beta-AMINODIBENZYL * 1-HYDROXY-2-AMINODIPHENYLETHANE * 2-HYDROXY-1,2-DIPHENYLETHYLAMINE
TOXICITY DATA AND REFERENCES:
unk-mus LDLo:50 mg/kg AEPPAE 153,161,30
ETHANOL, 2-AMINO-1,2-DIPHENYL-, HYDROCHLORIDE see: DN3160000

KJ6100000 ETHANOL, 2-AMINO-1,2-DIPHENYL-, HYDROCHLORIDE, d-
UPDT:8410 MW: 249.76 MOLFM: C14-H15-N-O Cl-H
TOXICITY DATA AND REFERENCES:
1F12 scu-mus LDLo:443 mg/kg JAPMA8 39,354,50

KJ6110000 ETHANOL, 2-AMINO-1,2-DIPHENYL-, HYDROCHLORIDE, l-
UPDT:8410 MW: 249.76 MOLFM: C14-H15-N-O Cl-H
TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:222 mg/kg JAPMA8 39,354,50

KJ6120000 ETHANOL, 2-AMINO-1,2-DIPHENYL-, HYDROCHLORIDE, dl-
UPDT:8412 MW: 249.76 MOLFM: C14-H15-N-O Cl-H
TOXICITY DATA AND REFERENCES:
3F11F12F23 scu-mus LDLo:443 mg/kg JAPMA8 39,354,50

KJ6125000 ETHANOL, 2-(2-AMINOETHOXY)-
UPDT:8407 CAS: 929-06-6 MW: 105.16 MOLFM: C4-H11-N-O2
SYN: 2-AMINOETHOXYETHANOL * 2-(2-AMINOETHOXY)ETHANOL (DOT) * DIGLYCOLAMINE * NA 1760 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 250 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5660 mg/kg AMIHBC 4,119,51
skn-rbt LD50:1190 mg/kg AMIHBC 4,119,51
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KJ6300000 ETHANOL, 2-((2-AMINOETHYL)AMINO)-
UPDT:8408 CAS: 111-41-1 MW: 104.18 MOLFM: C4-H12-N2-O
SYN: AMINOETHYL ETHANOLAMINE * N-AMINOETHYLETHANOLAMINE * ETHANOLETHYLENE DIAMINE * N-HYDROXYETHYL-1,2-ETHANEDIAMINE * N-(beta-HYDROXYETHYL)ETHYLENEDIAMINE * N-(2-HYDROXYETHYL)ETHYLENEDIAMINE * MONOETHANOLETHYLENEDIAMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 26,269,44
skn-rbt 445 mg open MLD UCDS** 11/29/63
eye-rbt 50 mg SEV UCDS** 7/19/65
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg UCDS** 7/19/65
* skn-rat LD50:2250 mg/kg 85GMAT -,64,82
* ipr-rat LD50:751 mg/kg GTPZAB 26(8),53,82
* ivn-rat LD50:417 mg/kg 85GMAT -,64,82
* ims-rat LD50:2 gm/kg 85GMAT -,64,82
* orl-mus LD50:3550 mg/kg 85GMAT -,64,82
* orl-rbt LD50:2 gm/kg 85GMAT -,64,82
* orl-gpg LD50:1500 mg/kg 85GMAT -,64,82
skn-gpg LD50:1800 mg/kg JIHTAB 26,269,44
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KJ6475000 ETHANOL, 2-((2-AMINO-1-METHYLETHYL)AMINO)-
UPDT:8307 CAS: 10138-74-6 MW: 118.21 MOLFM: C5-H14-N2-O
SYN: HYDROXYETHYLPROPYLENEDIAMINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4920 mg/kg JIHTAB 31,60,49
* skn-rbt LD50:10 gm/kg JIHTAB 31,60,49

KJ6500000 ETHANOL, 2-(4-AMINO-2-NITROANILINO)-
UPDT:8412 CAS: 2871-01-4 MW: 197.22 MOLFM: C8-H11-N3-O3
SYN: 2-((4-AMINO-2-NITROPHENYL)AMINO)ETHANOL * ETHANOL, 2-((4-AMINO-2-NITROPHENYL)AMINO)- * HC RED NO. 3 * NCI-C54922
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

KJ6502000 ETHANOL, 2-(4-AMINO-3-NITROPHENOXY)-
UPDT:8408 CAS: 50982-74-6 MW: 198.20 MOLFM: C8-H10-N2-O4
SYN: 2-(4-AMINO-3-NITROPHENOXY)ETHANOL
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate CMMUAO 8,151,83
ETHANOL, 2-((4-AMINO-2-NITROPHENYL)AMINO)- see: KJ6500000

KJ6630000 ETHANOL, 2,2'-(AMINOPROPYLIMINO)-
UPDT:8308 CAS: 4985-85-7 MW: 162.27 MOLFM: C7-H18-N2-O2
SYN: AMINOPROPYLDIETHANOLAMINE (DOT) * NA 1760 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KJ6800000 ETHANOL, 2-((2-(5-AMINO-2-THIENYL)-4-QUINAZOLINYL)AMINO)-
UPDT:8401 CAS: 57584-36-2 MW: 286.38 MOLFM: C14-H14-N4-O-S
SYN: 2-((2-(5-AMINO-2-THIENYL)-4-QUINAZOLINYL)AMINO)ETHANOL * 4-(2-HYDROXYETHYLAMINO)-2-(5-AMINO-2-THIENYL)QUINAZOLINE
MUTATION DATA AND REFERENCES:
mmo-sat 80 ug/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

KJ7175000 ETHANOL, 2-ANILINO-
UPDT:8305 CAS: 122-98-5 MW: 137.20 MOLFM: C8-H11-N-O
SYN: ANILINE, N-(beta-HYDROXYETHYL)- * ANILINE, N-(2-HYDROXYETHYL)- * 2-ANILINOETHANOL * EMERY 5700 * ETHANOL, 2-(PHENYLAMINO)- * N-(2-HYDROXYETHYL)PHENYLAMINE * 2-(PHENYLAMINO)ETHANOL * PHENYL ETHANOLAMINE * N-PHENYLETHANOLAMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 545 mg open MLD UCDS** 8/21/61
eye-rbt 5 mg SEV AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2230 mg/kg UCDS** 8/21/61
ipr-mus LDLo:176 mg/kg JAMAAP 123,761,43
scu-dog LDLo:220 mg/kg JAMAAP 123,761,43
ivn-dog LDLo:165 mg/kg JAMAAP 123,761,43
1R10 skn-rbt LD50:63 mg/kg AIHAAP 23,95,62
ivn-rbt LDLo:44 mg/kg JAMAAP 123,761,43
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ7360000 ETHANOL, 2-(o-ANISIDINO)-
UPDT:8403 MW: 167.23 MOLFM: C9-H13-N-O2
SYN: 2-o-ANISIDINOETHANOL
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:454 mg/kg FRPSAX 38,847,83

KJ7370000 ETHANOL, 2-AZIDO-, NITRATE (ester)
UPDT:8308 CAS: 52552-49-4 MW: 90.07 MOLFM: C2-H4-N-O3
SYN: 2-AZIDOETHANOL NITRATE * 2-AZIDOETHYL NITRATE * AZIDOETHYL NITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD FORBIDDEN CFRGBR 49,172.101,82

ETHANOL, 2-(1-AZIRIDINYL)-1-PHENYL- see: CM7100000

KJ7528250 ETHANOL, 2-((1,4-BENZODIOXAN-2-YLMETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8406 MW: 245.73 MOLFM: C11-H15-N-O3-Cl-H
SYN: 2-((1,4-BENZODIOXAN-2-YLMETHYL)AMINO)ETHANOL HYDROCHLORIDE * 2-(beta-HYDROXYETHYLAMINOMETHYL)-1,4-BENZODIOXANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-rat LD50:355 mg/kg JAPMA8 44,302,55
3F12F13J30 ivn-rat LD50:102 mg/kg JAPMA8 44,302,55
3F12F13J30 ipr-mus LD50:385 mg/kg JAPMA8 44,302,55
3F12F13J30 ivn-mus LD50:74 mg/kg JAPMA8 44,302,55

KJ7543000 ETHANOL, 2-(BENZYLMETHYLAMINO)-, CARBANILATE, HYDROCHLORIDE
UPDT:8406 MW: 320.85 MOLFM: C17-H20-N2-O2-Cl-H
SYN: 2-(BENZYLMETHYLAMINO)ETHANOL CARBANILATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62

KJ7555000 ETHANOL, 2-(alpha-BENZYLPHENETHYLAMINO)-, HYDROCHLORIDE
UPDT:8410 MW: 291.85 MOLFM: C17-H21-N-O-Cl-H
TOXICITY DATA AND REFERENCES:
1F12 scu-mus LDLo:73 mg/kg JAPMA8 39,354,50

ETHANOL, 1,1-BIS(p-CHLOROPHENYL)- see: DC7875000

KJ7780000 ETHANOL, 1,1-BIS(4-CHLOROPHENYL)-, mixed with 4-CHLOROPHENYL-2,4,5-TRICHLOROPHENYLAZO- SULFIDE
UPDT:8406 CAS: 8072-20-6 MW: 619.22 MOLFM: C14-H12-Cl2-O-C12-H6-Cl4-N2-S
SYN: ANILIX * BCPE mixed with CPAS * CHLORFENSULPHIDE * 4-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL AZOSULFIDE mixed with 1,1-BIS(4-CHLOROPHENYL)ETHANOL * CPAS mixed with BCPE * DANINON * MICASIN * MILBEX * MILSAR * MISASIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-mus TDLo:1200 mg/kg (1-12D preg) OYYAA2 2,355,68
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1856 mg/kg OYYAA2 2,161,68
* orl-mus LD50:2000 mg/kg OYYAA2 2,355,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ7875000 ETHANOL, 2-(BIS(2-ETHYLHEXYL)AMINO)-
UPDT:8407 CAS: 101-07-5 MW: 255.58 MOLFM: C18-H39-N-O
SYN: 2-DI(2-ETHYLHEXYL)AMINOETHANOL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4920 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:2520 mg/kg AMIHBC 10,61,54

KJ7900000 ETHANOL, 2,2-BIS((o-METHOXY-alpha-METHYLPHENETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8303 MW: 409.02 MOLFM: C22-H32-N2-O3-Cl-H
SYN: 2,2-BIS((o-METHOXY-alpha-METHYLPHENETHYL)AMINO)ETHANOL HYDROCHLORIDE * U-0575
IRRITATION DATA AND REFERENCES:
skn-rbt 25000 ppm MLD AIPTAK 137,410,62
eye-rbt 1 pph MLD AIPTAK 137,410,62
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:62 mg/kg AIPTAK 137,410,62

KJ7950000 ETHANOL, 2-(1,2-BIS(p-METHOXYPHENYL)ETHYLAMINO)-, HYDROCHLORIDE
UPDT:8410 MW: 337.88 MOLFM: C18-H23-N-O3-Cl-H
TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:443 mg/kg JAPMA8 39,354,50

KJ8225000 ETHANOL, 2-BROMO-
UPDT:8408 CAS: 540-51-2 MW: 124.98 MOLFM: C2-H5-Br-O
SYN: BE * BROMOETHANOL * 2-BROMOETHANOL * ETHYLENEBROMOHYDRIN * GLYCOL BROMOHYDRIN
MUTATION DATA AND REFERENCES:
mma-sat 10 uL/plate EVHPAZ 21,79,77
mma-sat 10 uL/plate EVHPAZ 21,79,77
dnr-esc 10 umol/plate EVHPAZ 21,79,77
mmo-klp 15 mmol/L EXPEAM 25,85,69
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-mus TDLo:43 gm/kg/80W-C JACTDZ 2(2),246,83
2V02J60 ipr-mus TDLo:150 mg/kg/8W-I CNREA8 39,391,79
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:80 mg/kg TXAPA9 23,288,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ8575000 ETHANOL, 2-BUTOXY-
UPDT:8408 CAS: 111-76-2 MW: 118.20 MOLFM: C6-H14-O2
SYN: BUCS * BUTOKSYETYLOWY ALKOHOL (Polish) * 2-BUTOSSIETANOLO (Italian) * 2-BUTOXY-AETHANOL (German) * BUTOXYETHANOL * n-BUTOXYETHANOL * 2-BUTOXYETHANOL * 2-BUTOXY-1-ETHANOL * BUTYL CELLOSOLVE * O-BUTYL ETHYLENE GLYCOL * BUTYL GLYCOL * BUTYLGLYCOL (French,German) * BUTYL OXITOL * DOWANOL EB * EKTASOLVE EB * ETHYLENE GLYCOL n-BUTYL ETHER * ETHYLENE GLYCOL MONOBUTYL ETHER * ETHYLENE GLYCOL MONOBUTYL ETHER (DOT) * GAFCOL EB * GLYCOL BUTYL ETHER * GLYCOL ETHER EB * GLYCOL ETHER EB ACETATE * GLYCOL MONOBUTYL ETHER * JEFFERSOL EB * MONOBUTYL ETHER of ETHYLENE GLYCOL * MONOBUTYL GLYCOL ETHER * 3-OXA-1-HEPTANOL * POLY-SOLV EB * UN 2369 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS**
eye-rbt 18 mg AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
1K13 ihl-hmn TCLo:195 ppm/8H AMIHAB 14,114,56
orl-rat LD50:1480 mg/kg JIHTAB 23,259,41
3F17M14M30 ihl-rat LC50:450 ppm/4H TXAPA9 68,405,83
* ipr-rat LD50:220 mg/kg B5GMAT -,67,82
* ivn-rat LD50:340 mg/kg AMIHAB 14,114,56
orl-mus LD50:1230 mg/kg AMIHAB 14,114,56
3F29J22M14 ihl-mus LC50:700 ppm/7H JIHTAB 25,157,43
ipr-mus LD50:536 mg/kg SCCUR* -,2,61
scu-mus LDLo:500 mg/kg JPETAB 42,355,31
* ivn-mus LD50:1130 mg/kg AMIHAB 14,114,56
2F01P23 orl-rbt LD50:320 mg/kg AMIHAB 14,114,56
skn-rbt LD50:490 mg/kg NPIRI* 1,50,74
* ipr-rbt LD50:220 mg/kg B5GMAT -,67,82
* ivn-rbt LD50:280 mg/kg AMIHAB 14,114,56
orl-gpg LD50:1200 mg/kg JIHTAB 23,259,41
skn-gpg LD50:230 mg/kg TXAPA9 7,559,65
REVIEW AND REFERENCES:
★ TLV-TWA 25 ppm; STEL 75 ppm (skin) DTLVS* 4,51,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm (skin) (SCP-F) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS, FLAMMABLE CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1403
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0483-0475
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KJ8660000 ETHANOL, 2-sec-BUTOXY-
UPDT:8303 CAS: 7795-91-7 MW: 118.20 MOLFM: C6-H14-O2
SYN: 2-sec-BUTOXYETHANOL * ETHYLENE GLYCOL MONO-sec-BUTYL ETHER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:790 mg/kg SCCUR* -,5,61
orl-mus LD50:1660 mg/kg SCCUR* -,5,61

KJ9100000 ETHANOL, 2-(2-BUTOXYETHOXY)-
UPDT:8403 CAS: 112-34-5 MW: 162.26 MOLFM: C8-H18-O3
SYN: BUCB * BUTOXYDIETHYLENE GLYCOL * BUTOXYDIGLYCOL * 2-(2-BUTOXYETHOXY)ETHANOL * BUTYL CARBITOL * O-BUTYL DIETHYLENE GLYCOL * BUTYL DIGLYCOL * DIETHYLENE GLYCOL n-BUTYL ETHER * DIETHYLENE GLYCOL MONOBUTYL ETHER * DIGLYCOL MONOBUTYL ETHER * DOWANOL DB * EKTASOLVE DB * GLYCOL ETHER DB * JEFFERSOL DB * POLY-SOLV DB
IRRITATION DATA AND REFERENCES:
eye-rbt 5 mg SEV AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6560 mg/kg UCDS** 1-31-66
* unk-rat LD50:4500 mg/kg GISAAA 46(2),14,81
ipr-mus LD50:850 mg/kg FEPRA7 6,342,47
* unk-mus LD50:6050 mg/kg GISAAA 46(2),14,81
skn-rbt LD50:4120 mg/kg UCDS** 1-31-66
orl-gpg LD50:2000 mg/kg JIHTAB 23,259,41
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KJ9275000 ETHANOL, 2-(2-BUTOXYETHOXY)-, ACETATE
UPDT:8305 CAS: 124-17-4 MW: 204.30 MOLFM: C10-H20-O4
SYN: 2-(2-BUTOXYETHOXY)ETHANOL ACETATE * 2-(2-BUTOXYETHOXY)ETHYL ACETATE * BUTYL CARBITOL ACETATE * DIETHYLENE GLYCOL MONOBUTYL ETHER, ACETATE * DIGLYCOL MONOBUTYL ETHER ACETATE * EKTASOLVE DB ACETATE * GLYCOL ETHER DB ACEATATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 12/29/71
eye-rbt 500 mg AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6500 mg/kg ZBZEAL 5,32,76
orl-mus LD50:6600 mg/kg JPETAB 93,26,48
orl-rbt LD50:2600 mg/kg JPETAB 82,377,44
skn-rbt LD50:15 gm/kg UCDS** 12/29/71
orl-gpg LD50:2340 mg/kg JIHTAB 23,259,41
orl-ckn LD50:5000 mg/kg JPETAB 93,26,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KJ9450000 ETHANOL, 2-(2-(2-BUTOXYETHOXY)ETHOXY)-
UPDT:8305 CAS: 143-22-6 MW: 206.32 MOLFM: C10-H22-O4
SYN: 2-(2-(2-BUTOXYETHOXY)ETHOXY)ETHANOL * BUTOXYTRIETHYLENE GLYCOL * BUTOXYTRIGLYCOL * POLY-SOLV TB * TRIETHYLENE GLYCOL n-BUTYL ETHER * TRIETHYLENE GLYCOL MONOBUTYL ETHER * TRIGLYCOL MONOBUTYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
eye-rbt 50 mg SEV UCDS** 4/26/65
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6730 mg/kg UCDS** 4/26/65
1R10 skn-rbt LD50:3540 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHANOL, 2-(2-BUTOXYETHOXY)-, THIOCYANATE see: XK8400000

KJ9800000 ETHANOL, 2-BUTOXY-, PHOSPHATE (3:1)
UPDT:8308 CAS: 78-51-3 MW: 398.54 MOLFM: C18-H39-O7-P
SYN: 2-BUTOXYETHANOL PHOSPHATE * KP 140 * PHOSPHORIC ACID, TRIS(2-BUTOXYETHYL) ESTER * TBEP * TRI(2-BUTOXYETHANOL)PHOSPHATE * TRIBUTOXYETHYL PHOSPHATE * TRI(2-BUTOXYETHYL) PHOSPHATE * TRIBUTYL CELLOSOLVE PHOSPHATE * TRIS(2-BUTOXYETHYL) PHOSPHATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg NPIRI* 2,93,75
* ivn-mus LD50:190 mg/kg CSLNX* NX#00391
orl-gpg LD50:3000 mg/kg 29ZWAE -,336,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHANOL, 2-BUTOXY-, PHTHALATE (2:1) see: TI0175000

KK0175000 ETHANOL, 2-BUTYLAMINO-
UPDT:8407 CAS: 111-75-1 MW: 117.22 MOLFM: C6-H15-N-O
SYN: 2-BUTYLAMINOETHANOL * 2-n-BUTYLAMINOETHANOL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open AMIHBC 10,61,54
eye-rbt 250 ug open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1150 mg/kg AMIHBC 10,61,54
ipr-rat LD50:840 mg/kg TXAPA9 12,486,68
3G10J25K12 orl-mam LD50:7100 mg/kg TXAPA9 8,344,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHANOL, 2-(tert-BUTYLAMINO)-, METHACRYLATE (ESTER) see: OZ3500000

KK0380000 ETHANOL, 2-(BUTYLAMINO)-1-(p-NITROPHENYL)-, HYDROCHLORIDE
UPDT:8303 CAS: 1892-62-2 MW: 274.78 MOLFM: C12-H18-N2-O3-Cl-H
SYN: 2-(BUTYLAMINO)-1-(p-NITROPHENYL)ETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:77 mg/kg RPTOAN 35,10,72

KK0525000 ETHANOL, 2,2'-(BUTYLIMINO)DI-
UPDT:8407 CAS: 102-79-4 MW: 161.28 MOLFM: C8-H19-N-O2
SYN: n-BUTYL-N,N-BIS(HYDROXYETHYL)AMINE * n-BUTYLDIETHANOLAMINE * n-BUTYL-2,2'-IMINODIETHANOL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 750 ug open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4250 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KK0560000 ETHANOL, 2-(BUTYLNITROSAMINO)-
UPDT:8401 CAS: 51938-14-8 MW: 146.22 MOLFM: C6-H14-N2-O2

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

SYN: BHEN * BUTYL(2-HYDROXYETHYL)NITROSOAMINE * 2-(BUTYLNITROSAMINO)ETHANOL

MUTATION DATA AND REFERENCES:
- mmo-sat 100 ug/plate — MUREAV 56,219,78
- mma-sat 5 umol/plate — CNREA8 37,399,77

TUMORIGENIC DATA AND REFERENCES:
- 3V03K60L60 orl-rat TDLo:4800 mg/kg/20W-C — GANNA2 65,13,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK0875000 ETHANOL, 2-CHLORO-
UPDT:8412 CAS: 107-07-3 MW: 80.52 MOLFM: C2-H5-Cl-O
SYN: AETHYLENECHLORHYDRIN (German) * 2-CHLOORETHANOL (Dutch) * 2-CHLORAETHANOL (German) * delta-CHLOROETHANOL * 2-CHLOROETHANOL * beta-CHLOROETHYL ALCOHOL * 2-CHLOROETHYL ALCOHOL * CHLOROETHYLOWY ALKOHOL (Polish) * 2-CLOROETANOLO (Italian) * ETHYLEEN-CHLOORHYDRINE (Dutch) * ETHYLENE CHLORHYDRIN * ETHYLENE CHLOROHYDRIN * ETHYLENE CHLORHYDRIN (DOT) * ETHYLENE GLYCOL CHLOROHYDRIN * GLICOL MONOCLORIDRINA (Italian) * GLYCOL CHLORHYDRIN * GLYCOLMONOCHLOORHYDRINE (Dutch) * GLYCOMOT-OCHLORHYDRIN * GLYCOL MONOCHLORHYDRIN * MONOCHLORHYDRINE DU GLYCOL (French) * 2-MONOCHLOROETHANOL * NCI-C50135 * UN 1135 (DOT)

IRRITATION DATA AND REFERENCES:
- skn-rbt 200 mg/2H MLD — TXAPA9 16,382,70
- eye-rbt 2 mg SEV — AJOPAA 29,1363,46
- eye-rbt 33 mg MOD — TXAPA9 16,382,70
- eye-rbt 9 mg/6H MOD — BUYRAI 31,25,77

MUTATION DATA AND REFERENCES:
- mmo-sat 1 mmol/L — STEVA8 11,223,78
- mma-sat 33.33 ug/plate — ENMUDM 5(Suppl 1),3,83
- dnr-esc 10 umol/plate — EVHPAZ 21,79,77
- mmo-klp 15 mmol/L — EXPEAM 25,85,69
- mmo-asn 40 mL/L — CBINAB 30,9,80
- oms-rat-orl 20 mg/L — JACTDZ 1(3),37,82
- oms-rat-ivp 12 gm/L — JACTDZ 1(3),37,82
- oms-rat-ihl 1 mg/m3 — GISAAA 36(11),9,71
- cyt-rat-ihl 1 mg/m3 — GISAAA 36(11),9,71
- cyt-mus-orl 500 ug/kg — GISAAA 43(8),13,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
- 2T34T51 orl-mus TDLo:1100 mg/kg (6-16D preg) — JPFCD2 17,381,82

TOXICITY DATA AND REFERENCES:
- ihl-man LCLo:305 ppm/2H — JIHTAB 26,277,44
- * orl-rat LD50:89 mg/kg — AMIHBC 4,119,51
- ihl-rat LCLo:7 ppm/1H — AMIHBC 2,591,50
- skn-rat LD50:84 mg/kg — HYSAAV 36,376,71
- ipr-rat LD50:58 mg/kg — TXAPA9 21,454,72
- 1A11 unk-rat LD50:71 mg/kg — GISAAA 43(8),13,78
- orl-mus LD50:81 mg/kg — JPMSAE 60,568,71
- ihl-mus LC50:385 mg/m3 — HYSAAV 36,376,71
- skn-mus LDLo:1450 mg/kg — BJIMAG 1,207,44
- ipr-mus LD50:81 mg/kg — JPMSAE 61,19,72
- 1A11 unk-mus LD50:91 mg/kg — GISAAA 43(8),13,78
- skn-rbt LD50:56 mg/kg — JPMSAE 61,19,72
- ipr-rbt LD50:67 mg/kg — JPMSAE 61,19,72
- ivn-rbt LDLo:100 mg/kg — BJIMAG 1,207,44
- orl-gpg LD50:110 mg/kg — JIHTAB 23,259,41
- ihl-gpg LCLo:3000 mg/m3:112M — BJIMAG 1,207,44
- skn-gpg LDLo:70 mg/kg — JIHTAB 27,93,45
- ipr-gpg LD50:71 mg/kg — JPMSAE 61,19,72
- scu-frg LDLo:250 mg/kg — BJIMAG 1,207,44

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, CMTVAS 10(3),49,73
★ TLV-CL 1 ppm (skin) — DTLWS* 4,179,81

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP:H) — FEREAC 39,23540,74
★ DOT-HAZARD-POISON B, LABEL-POISON — CFRGBR 49,172.101,82
★ DOT-IMO-POISON B, LABEL-FLAMMABLE LIQUID AND POISON — CFRGBR 49,172.102,83

STATUS:
NTP CARCINOGENESIS STUDIES, TEST COMPLETED: OCTOBER 1984
NIOSH MANUAL OF ANALYTICAL METHODS, VOL 2, S103
NIOSH MANUAL OF ANALYTICAL METHODS, TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0578-0139
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHANOL, 2-CHLORO-, ACRYLATE see: A56300000
ETHANOL, 2-CHLORO-, 2-(p-t-BUTYLPHENOXY)-1-METHYLETHYL SULFITE see: WT2975000
ETHANOL, 2-CHLORO-, ESTER WITH 2-(p-tert-BUTYLPHENOXY)-1-METHYLETHYL SULFITE see: WT2975000

KK1350000 ETHANOL, 2-(2-CHLOROETHOXY)-
UPDT:8407 CAS: 628-89-7 MW: 124.58 MOLFM: C4-H9-Cl-O2
SYN: 2-(2-CHLOROETHOXY)ETHANOL * DIGLYCOL CHLORHYDRIN

IRRITATION DATA AND REFERENCES:
- skn-rbt 10 mg/24H open — JIHTAB 26,269,44
- eye-rbt 5 mg SEV — AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
- orl-rat LD50:6300 mg/kg — JIHTAB 26,269,44
- skn-gpg LD50:3000 mg/kg — JIHTAB 26,269,44

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KK1370000 ETHANOL, 2-((2-CHLOROETHYL)ETHYLAMINO)-
UPDT:8312 MW: 151.66 MOLFM: C6-H14-Cl-N-O
SYN: AF 64 * 2-((2-CHLOROETHYL)ETHYLAMINO)ETHANOL * ETHYLCHOLINE MUSTARD

TOXICITY DATA AND REFERENCES:
- 3F11F19J22 ipr-mus LD50:23 mg/kg — JPETAB 222,140,82

KK1400000 ETHANOL, 2-((2-CHLOROETHYL)METHYLAMINO)-
UPDT:8303 CAS: 51822-57-2 MW: 137.63 MOLFM: C5-H12-Cl-N-O
SYN: 2-((2-CHLOROETHYL)METHYLAMINO)ETHANOL

MUTATION DATA AND REFERENCES:
- dni-mus-ivg 100 ppm — JIDEAE 62,378,74

KK1575000 ETHANOL, 2-((2-CHLOROETHYL)METHYLAMINO)-, ACETATE
UPDT:8303 CAS: 3637-30-1 MW: 179.67 MOLFM: C7-H14-Cl-N-O2
SYN: 2-((2-CHLOROETHYL)METHYLAMINO)ETHANOL ACETATE * DIETHYLAMINE, 2-ACETOXY-2-CHLORO-N-METHYL- * METHYL-beta-ACETOXYETHYL-beta-CHLOROETHYLAMINE * METHYLAMINE, N-ACETOXYETHYL-N-CHLOROETHYL- * TL 1428

TOXICITY DATA AND REFERENCES:
- ihl-mus LCLo:500 mg/m3/10M — NDRC** 30101,5,45
- scu-mus LD50:20 mg/kg — NTIS** PB158-507
- ivn-mus LD50:36 mg/kg — JPETAB 91,224,47

KK1577000 ETHANOL, 2-(4-CHLORO-2-ETHYLPHENOXY)-
UPDT:8403 CAS: 53347-13-0 MW: 200.68 MOLFM: C10-H13-Cl-O2
SYN: 4-CHLOR-2-AETHYLPHENYL-AETHYLENGLYKOLAETHER (German) * 2-(4-CHLORO-2-ETHYLPHENOXY)ETHANOL

TOXICITY DATA AND REFERENCES:
- * orl-mus LD50:2550 mg/kg — PHARAT 30,147,75

KK1750000 ETHANOL, 2-((2-CHLOROETHYL)THIO)-
UPDT:8306 CAS: 693-30-1 MW: 140.64 MOLFM: C4-H9-Cl-O-S
SYN: 2-CHLOROETHYL 2-HYDROXYETHYL SULFIDE * 2-((2-CHLOROETHYL)THIO)ETHANOL * HALF MUSTARD GAS * HALF SULFUR MUSTARD * 2-HYDROXYETHYL 2-CHLOROETHYL SULFIDE * MUSTARD CHLOROHYDRIN * SULFIDE, 2-CHLOROETHYL 2-HYDROXYETHYL * SULFUR HALF-MUSTARD

MUTATION DATA AND REFERENCES:
- dni-hmn-hla 1500 mg/L — IUSMDJ 9,41,79
- oms-hmn-hla 1500 mg/L — IUSMDJ 9,41,79
- dnd-rat-lvr 100 umol/L — BIJOAK 80,496,61
- dnd-mus-ast 4 mg/kg — BIJOAK 80,496,61

TOXICITY DATA AND REFERENCES:
- skn-mus LD50:600 mg/kg — JPETAB 93,1,48
- ivn-mus LD50:35 mg/kg — JPETAB 93,1,48

ETHANOL, 2-CHLORO-, HYDROGEN PHOSPHATE, ESTER with 3-CHLORO-7-HYDROXY-4-METHYLCOUMARIN see: GN5250000

KK1960000 ETHANOL, 2-CHLORO-, METHANESULFONATE
UPDT:8411 CAS: 3570-58-9 MW: 158.61 MOLFM: C3-H7-Cl-O3-S
SYN: CB 1506 * beta-CHLOROETHYLMETHANESULFONATE * 2-CHLOROETHYL METHANESULFONATE * CHLOROETHYL METHANESULPHONATE * CHLOROMETHANE SULFONATE d'ETHYLE (French) * METHANESULFONIC ACID, CHLOROETHYL ESTER * NSC 18016

MUTATION DATA AND REFERENCES:
- dnd-dmg-par 10500 umol/L — CNREA8 30,195,70
- sln-dmg-par 15 mmol/L — ANYAA9 68,731,58
- mmo-msc 100 mmol/L — MGBUA3 17,5,60
- mmo-ssp 8 mmol/L — ADWMAX -,193,62

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
- 1T23 ipr-rat TDLo:250 mg/kg (5D male) — 85GUAJ -,55,66

TOXICITY DATA AND REFERENCES:
- ipr-rat LD50:135 mg/kg — CNCRA6 9,56,60
- ivn-rat LD50:143 mg/kg — CNCRA6 9,56,60
- ipr-mus LD50:182 mg/kg — CNCRA6 9,56,60
- ivn-mus LD50:182 mg/kg — CNCRA6 9,56,60
- ivn-dog LDLo:32 mg/kg — CCSUBJ 2,203,65
- ivn-mky LD50:127 mg/kg — CNCRA6 9,56,60
- * orl-qal LD50:208 mg/kg — JRPFA4 48,371,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK1960510 ETHANOL, 2-((3-((6-CHLORO-2-METHOXY-9-ACRIDINYL)AMINO)PROPYL)ETHYLAMINO)-, DIHYDROCHLORIDE
UPDT:8303 CAS: 63074-03-3 MW: 460.87 MOLFM: C21-H26-Cl-N3-O2 · 2Cl-H
SYN: 2-((3-((6 CHLORO-2 METHOXY-9 ACRIDINYL)AMINO)PROPYL)ETHYLAMINO)ETHANOL DIHYDROCHLORIDE * ICR 170-OH

MUTATION DATA AND REFERENCES:
- mmo-sat 100 nmol/plate — CRNGDP 3,187,82
- mma-sat 100 nmol/plate — CRNGDP 3,187,82
- msc-ham:ovr 1 umol/L — CNREA8 39,4875,79

KK2100000 ETHANOL, 2-(p-CHLOKOPHENOXY)-
UPDT:8303 CAS: 1892-43-9 MW: 172.62 MOLFM: C8-H9-Cl-O2
SYN: 2-(4-CHLORFENOXY)ETHANOL (Czech) * p-CHLORFENYLMONOGLYKOLETHER (Czech) * 2-(p-CHLOROPHENOXY)ETHANOL * 2-(4-CHLOROPHENOXY)ETHANOL

IRRITATION DATA AND REFERENCES:
- skn-rbt 10 mg/24H open MLD — AIHAAP 23,95,62
- skn-rbt 500 mg/24H MOD — 28ZPAK -,81,72
- eye-rbt 250 ug/24H SEV — 28ZPAK -,81,72

TOXICITY DATA AND REFERENCES:
- orl-rat LD50:1490 mg/kg — 28ZPAK -,81,72
- 1R10 skn-rbt LD50:500 mg/kg — AIHAAP 23,95,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK2200000 ETHANOL, 2-(4-CHLOROPHENOXY)-1-tert-BUTYL-2-(1H-1,2,4-TRIAZOLE-1-YL)-
UPDT:8309 MW: 283.79 MOLFM: C13-H16-Cl-N3-O2
SYN: BAY KWG 0519 * BAYTAN * 2-(4-CHLOROPHENOXY)-1-tert-BUTYL-2-(1H-1,2,4-TRIAZOLE-1-YL)ETHANOL * beta-(4-CHLOROPHENOXY)-alpha-(1,1-DIMETHYLETHYL)-1H-1,2,4-TRIAZOLE-1-ETHANOL * TRIADIMENOL

TOXICITY DATA AND REFERENCES:
- * orl-rat LD50:700 mg/kg — FMCHA2 -,C27,83
- * skn-rat LD50:5000 mg/kg — FMCHA2 -,C27,83

KK2275000 ETHANOL, 2-(2-(4-(p-CHLORO-alpha-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY)-
UPDT:8411 CAS: 68-88-2 MW: 374.95 MOLFM: C21-H27-Cl-N2-O2
SYN: ATABA * ATARAX * ATARAXOID * ATARAZOID * ATAZINA * ATERAX * 1-(p-CHLOROBENZHYDRYL)-4-(2-(2-HYDROXYETHOXY)ETHYL)DIETHYLENEDIAMINE * 1-(p-CHLOROBENZHYDRYL)-4-(2-(2-HYDROXYETHOXY)ETHYL)PIPERAZINE * N-(4-CHLOROBENZHYDRYL)-N-(HYDROXYETHOXYETHYL)PIPERAZINE * 1-(p-CHLORODIPHENYLMETHYL)-4-(2-(2-HYDROXYETHOXY)ETHYL)PIPERAZINE * 1-(p-CHLORO-alpha-PHENYLBENZYL)-4-(2-(2-HYDROXYETHOXY)ETHYL)PIPERAZINE * 2-(2-(4-(p-CHLORO-alpha-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY)ETHANOL * DEPANIT * EQUIPOISE * FENAROL * HYCHOTINE * HYDROXINE * HYDROXYLINE * HYDROXYZINE * IDROSSIZINA * NEO-CALMA * NEUROZINA * NP 212 * PAMAZONE * PARENTERAL * PAXISTIL * PLACIDOL * PLAXIDOL * TRAN-Q * TRAQUIZINE * UCB 492 * U-CB 4492 * VESPARAZ-WIRKSTOFF

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
- 1T55 orl-rat TDLo:400 mg/kg (13-16D preg) — TXAPA9 17,67,70
- 1T29 unk-mus TDLo:40 mg/kg (1D pre) — FESTAS 12,346,61
- 2T25T46 orl-dog TDLo:350 mg/kg (15-21D preg) — 28QFAD -,233,73
- 1T71 orl-dog TDLo:1500 mg/kg (1-60D preg) — 28QFAD -,233,73

TOXICITY DATA AND REFERENCES:
- orl-rat LD50:840 mg/kg — CHTPBA 3,210,68
- ipr-rat LD50:160 mg/kg — CHTPBA 3,210,68
- ivn-rat LD50:45 mg/kg — ANPBAZ 61,669,61
- * orl-mus LD50:480 mg/kg — AANEAB 7,87,63
- ipr-mus LD50:137 mg/kg — 27ZQAG -,237,72
- ivn-mus LD50:137 mg/kg — 27ZQAG -,237,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK2280000 ETHANOL, 2-(2-(4-(p-CHLORO-alpha-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY)-, DIHYDROCHLORIDE
UPDT:8405 CAS: 2192-20-3 MW: 447.87 MOLFM: C21-H27-Cl-N2-O2 · 2Cl-H
SYN: ALAMON * ATARAX DIHYDROCHLORIDE * ATARAXOID DIHYDROCHLORIDE * ATERAX DIHYDROCHLORIDE * 2-(2-(4-(p-CHLORO-alpha-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY)ETHANOL DIHYDROCHLORIDE * DICHLORHYDRATE de 1-p-CHLORBENZHYDRYL-4-(2-(2-HYDROXYETHOXY)ETHYL)PIPERAZINE (French) * HYDROXYZINE DIHYDROCHLORIDE * ORGATRAX * TRAN-Q DIHYDROCHLORIDE * TRANQUIZINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
- * orl-rat LD50:950 mg/kg — TXAPA9 18,185,71
- * ipr-rat LD50:126 mg/kg — TXAPA9 18,185,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KK2300000 ETHANOL, 2-(2-(2-(4-(p-CHLORO-alpha-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY)ETHOXY)-, DIMALEATE
UPDT:8412 MW: 651.17 MOLFM: C23-H31-Cl-N2-O3 · 2C4-H4-O4

SYN: 2-(2-[2-(4-(p-CHLORO-alpha-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY]ETHOXY)ETHANOL DIMALEATE * ETODROXIZINE DIMALEATE * ETODROXYZINE DIMALEATE * HYDROCHLORBENZETHYLAMINE DIMALEATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T59 orl-rat TDLo:1 gm/kg (8-15D preg) PSDTAP 9,134,68

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:920 mg/kg PSDTAP 9,134,68

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK2350000 ETHANOL, 2-(2-(4-(p-CHLORO-alpha-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY)-, MONOHYDROCHLORIDE

UPDT:8407 CAS: 1244-76-4 MW: 411.41 MOLFM: C21-H27-Cl-N2-O2 Cl-H

SYN: ATARAX HYDROCHLORIDE * 1-(p-CHLOROBENZHYDRYL)-4-(2-(2-HYDROXYETHOXY)ETHYL)DIETHYLENEDIAMINE HYDROCHLORIDE * HYDROXYZINE HYDROCHLORIDE * VISTARIL HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T43T46T55	orl-rat TDLo:600 mg/kg (8-15D preg)	PSDTAP 9,-:68
1T25	orl-rat TDLo:800 mg/kg (8-15D preg)	PSDTAP 9,-:68
2T31T34	orl-rat TDLo:240 mg/kg (5-16D preg)	RCOCB8 7,701,74
2T43T46	orl-rat TDLo:360 mg/kg (10-15D preg)	AJOGAH 95,109,66

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:690 mg/kg	NIIRDN 6,621,82
	ipr-rat LD50:126 mg/kg	TXAPA9 18,185,71
1F02	orl-mus LD50:515 mg/kg	JAPMA8 49,510,60
a	ipr-mus LD50:137 mg/kg	NIIRDN 6,621,82
b	ivn-mus LD50:56 mg/kg	NIIRDN 6,621,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK2400000 ETHANOL, 2-(p-CHLOROPHENYL)-1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-1-p-TOLYL-

UPDT:8411 CAS: 78-41-1 MW: 438.05 MOLFM: C27-H32-Cl-N-O2

SYN: alpha-(p-CHLOROBENZYL)-4-DIETHYLAMINOETHOXY-4'-METHYLBENZHYDROL * 2-(p-CHLOROPHENYL)-1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-1-(p-TOLYL)ETHANOL * 2-p-CHLOROPHENYL-1-(p-(2-DIETHYLAMINOETHOXY)PHENYL)-1-p-TOLYLETHANOL * 1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-1-(p-TOLYL)-2-(p-CHLOROPHENYL)ETHANOL * 1-(4-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-1-(p-TOLYL)-2-(p-CHLOROPHENYL)ETHANOL * MER 29 * METASQUALENE * TRIPARANOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:14 mg/kg (1-14D preg)	TXAPA9 10,565,67
3T34T55T43	orl-rat TDLo:450 mg/kg (6-14D preg)	TXAPA9 10,565,67
3T42T53T55	orl-rat TDLo:350 mg/kg (2-15D preg)	CRSBAW 167,1523,73
3T27T35T41	orl-rat TDLo:350 mg/kg (2-15D preg)	CRSBAW 167,1523,73
3T16T71T72	scu-rat TDLo:70 mg/kg (14D pre)	ENDOAO 74,64,64
1T42	scu-rat TDLo:70 mg/kg (14D pre)	ENDOAO 74,64,64
3T42T43T53	unk-mus TDLo:2800 mg/kg (1-14D preg)	CRSBAW 160,923,66
1T35	unk-mus TDLo:2800 mg/kg (1-14D preg)	CRSBAW 160,923,66

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2000 mg/kg CRSBAW 155,2255,61

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CRTXB2 1(1),93,71; CLPTAT 5,480,64; ARVPAX 5,447,65; ADVPA3 4,263,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK2420000 ETHANOL, 2,2'-((3-CHLOROPHENYL)IMINO)BIS-

UPDT:8305 CAS: 92-00-2 MW: 215.70 MOLFM: C10-H14-Cl-N-O2

SYN: N,N-BIS(2-HYDROXYETHYL)-3-CHLOROANILIDE * DIETHANOLAMINOCHLOROBENZENE * N,N-DIETHANOLANILIDE, 3-CHLORO- * DIETHANOLCHLOROANILIDE * N-(m-CHLOROPHENYL)DIETHANOLAMINE * N-(3-CHLOROPHENYL)DIETHANOLAMINE * N,N-DIHYDROXYETHYL-m-CHLOROANILINE * N,N-DIHYDROXYETHYL-3-CHLOROANILINE * EMERY 5715 * EMERY 5717

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:5150 mg/kg LONZA# 13JUL81

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

KK2425000 ETHANOL, 1-((m-CHLOROPHENYL)PHENYLPHOSPHINYL)-2,2,2-TRICHLORO-

UPDT:8303 CAS: 73927-24-9 MW: 384.02 MOLFM: C14-H11-Cl4-O2-P

SYN: 1-((m-CHLOROPHENYL)PHENYLPHOSPHINYL)-2,2,2-TRICHLOROETHANOL * ETHANOL, 2,2,2-TRICHLORO-1-((m-CHLOROPHENYL)PHENYLPHOSPHINYL)-

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:320 mg/kg CSLNX* NX#01553

KK2450000 ETHANOL, 2-CHLORO-, PHOSPHATE (3:1)

UPDT:8412 CAS: 115-96-8 MW: 285.50 MOLFM: C6-H12-Cl3-O4-P

SYN: CELLUFLEX * 2-CHLOROETHANOL PHOSPHATE * FYROL CEF * NCI-C60128 * NIAX FLAME RETARDANT 3-CF * PHOSPHORIC ACID, TRIS(2-CHLOROETHYL)ESTER * TRICHLORETHYL PHOSPHATE * TRI-beta-CHLOROETHYL PHOSPHATE * TRI(2-CHLOROETHYL)PHOSPHATE * TRIS(beta-CHLOROETHYL) PHOSPHATE * TRIS(2-CHLOROETHYL) PHOSPHATE

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD	AMIHBC 4,119,51
eye-rbt 500 mg open	AMIHBC 4,119,51

MUTATION DATA AND REFERENCES:

mmo-sat 333 ug/plate	ENMUDM 5(Suppl 1),3,83
mma-sat 1 umol/plate	MUREAV 66,373,79
mnt-ham-ipr 125 mg/kg	EJCODS 18,1337,82
otr-ham:emb 400 mg/L	EJCODS 18,1337,82
sce-ham:lng 700 mg/L	EJCODS 18,1337,82

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1230 mg/kg	BECTA6 17,720,77
ipr-mus LDLo:250 mg/kg	CBCCT* 7,396,55

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CTOXAO 17,101,80

★ TLV-SUSPECTED CARCINOGEN DTLWS* 4,185,81

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

ETHANOL, 2-CHLORO-, PHOSPHATE DIESTER, ESTER with 3-CHLORO-7-HYDROXY-4-METHYLCOUMARIN see: GN5250000

KK2810000 ETHANOL, 2-CHLORO-, PHOSPHITE (3:1)

UPDT:8404 CAS: 140-08-9 MW: 269.50 MOLFM: C6-H12-Cl3-O3-P

SYN: 2-CHLOROETHANOL PHOSPHITE (3:1) * PHOSPHOROUS ACID, TRIS(2-CHLOROETHYL) ESTER * TRIS(2-CHLOROETHYL)ESTER of PHOSPHORUS ACID * TRIS(2-CHLOROETHYL)PHOSPHITE

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:250 mg/kg CBCCT* 2,185,50

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

ETHANOL, 2-CHLORO-, PHOSPHOROTHIOATE (3:1) see: TG4025000

KK3527000 ETHANOL, 2-(2-(4-(3-(2-CYANO-10-PHENOTHIAZINYL)PROPYL)-1-PIPERAZINYL)ETHOXY)-, DIHYDROCHLORIDE

UPDT:8303 CAS: 73927-25-0 MW: 511.56 MOLFM: C24-H30-N4-O2-S 2Cl-H

SYN: 2-(2-(4-(3-(2-CYANO-10-PHENOTHIAZINYL)PROPYL)-1-PIPERAZINYL)ETHOXY)ETHANOL DIHYDROCHLORIDE * PHENOTHIAZINE, 2-CYANO-10-(3-(4-(2-HYDROXYETHOXYETHYL)-1-PIPERAZINYL)PROPYL)-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:71 mg/kg CSLNX* NX#01384

KK3528000 ETHANOL, 2-CYCLOHEXYL-

UPDT:8307 CAS: 4442-79-9 MW: 128.24 MOLFM: C8-H16-O

SYN: 2-CYCLOHEXYLETHANOL * CYCLOHEXYLETHYL ALCOHOL * HEXAHYDROPHENYLETHYL ALCOHOL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:940 mg/kg	FCTXAV 13,785,75
*	skn-rbt LD50:1220 mg/kg	FCTXAV 13,785,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

KK3530000 ETHANOL, 2-(CYCLOHEXYLAMINO)-

UPDT:8303 CAS: 2842-38-8 MW: 143.26 MOLFM: C8-H17-N-O

SYN: ABBOMEEN E-25 * 2-(CYCLOHEXYLAMINO)ETHANOL * N-(2-HYDROXYETHYL)CYCLOHEXYLAMINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34 scu-mus TDLo:900 mg/kg (6-14D preg) NTIS** PB223-160

TOXICITY DATA AND REFERENCES:

orl-rat LD50:38300 mg/kg 34ZIAG -,61,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK3534000 ETHANOL, 2-(CYCLOHEXYLAMINO)-, (aerosol)

UPDT:8303 CAS: 2842-38-8 MOLFM: C8-H17-N-O

SYN: ABBOMEEN E-25 AEROSOL * 2-(CYCLOHEXYLAMINO)ETHANOL AEROSOL

TOXICITY DATA AND REFERENCES:

ihl-gpg LCLo:2000 mg/m3/1H 34ZIAG -,61,69

KK3538000 ETHANOL, 2,2'-CYCLOHEXYLIMINODI-

UPDT:8303 CAS: 4500-29-2 MW: 187.32 MOLFM: C10-H21-N-O2

SYN: ABBOMEEN E-2 * 2,2'-CYCLOHEXYLIMINODIETHANOL * N,N-DI(2-HYDROXYETHYL)CYCLOHEXYLAMINE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2600 mg/kg 34ZIAG -,61,69

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

KK3542000 ETHANOL, 2,2'-CYCLOHEXYLIMINODI-, (aerosol)

UPDT:8401 CAS: 4500-29-2 MW: 187.32 MOLFM: C10-H21-N-O2

SYN: ABBOMEEN E-2 AEROSOL * 2,2'-CYCLOHEXYLIMINODIETHANOL AEROSOL

TOXICITY DATA AND REFERENCES:

ihl-gpg LCLo:2000 mg/m3/1H 34ZIAG -,61,69

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

KK3544000 ETHANOL, 1-CYCLOPROPYL-1-(p-TOLYL)-, dl-

UPDT:8303 CAS: 16145-97-4 MW: 176.28 MOLFM: C12-H16-O

SYN: BENZYL ALCOHOL, alpha-CYCLOPROPYL-alpha-p-DIMETHYL-, dl- * dl-alpha-CYCLOPROPYL-alpha-p-DIMETHYLBENZYL ALCOHOL * dl-CYCLOPROPYL METHYL p-TOLYL CARBINOL * dl-1-CYCLOPROPYL-1-(p-TOLYL)ETHANOL

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:100 mg/kg CSLNX* NX#03430

KK3547000 ETHANOL, 2,2'-(DECAMETHYLENEDITHIO)DI-

UPDT:8308 CAS: 6964-20-1 MW: 294.56 MOLFM: C14-H30-O2-S2

SYN: BIS(HYDROXYETHYLTHIO) 1,10-DECANE (French) * 1,10-BIS(HYDROXYETHYLTHIO)DECANE * 2,2'-(DECAMETHYLENEDITHIO)DIETHANOL * ETHANOL, 2,2'-(1,10-DECANEDIYLBIS(THIO))BIS- (9CI) * FONILPOL * LL 155B * THIADENOL * TIADENOL

TOXICITY DATA AND REFERENCES:

* orl-mus LDLo:10 gm/kg THERAP 27,395,72

ETHANOL, 2,2'-(1,10-DECANEDIYLBIS(THIO))BIS- (9CI) see: KK3547000

KK3548000 ETHANOL, 2-DECYLTHIO-

UPDT:8303 CAS: 41891-88-7 MW: 218.44 MOLFM: C12-H26-O-S

SYN: 2-DECYLTHIOETHANOL * 2-n-DECYLTHIOETHANOL

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:100 mg/kg CSLNX* NX#02135

KK3549000 ETHANOL, 2-(2,4-DIAMINOPHENOXY)-

UPDT:8406 CAS: 70643-19-5 MW: 168.22 MOLFM: C8-H12-N2-O2

SYN: 2,4-DIAMINOPHENOXYETHANOL * 2-(2,4-DIAMINOPHENOXY)ETHANOL

MUTATION DATA AND REFERENCES:

mma-sat 20 ug/plate MUREAV 135,31,84

KK3550000 ETHANOL, 1-(DIBENZOFURAN-2''-YL)-2-DIETHYLAMINO-, HYDROCHLORIDE

UPDT:8303 CAS: 63980-54-1 MW: 319.86 MOLFM: C18-H21-N-O2 Cl-H

SYN: 1-(DIBENZOFURAN-2'-YL)-2-DIETHYLAMINOETHANOL HYDROCHLORIDE * 2-(2-(DIETHYLAMINO)-1-HYDROXYETHYL)DIBENZOFURAN, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

scu-mus LDLo:300 mg/kg JPETAB 58,159,36

KK3580000 ETHANOL, 1-(DIBENZOFURAN-2''-YL)-2-DIMETHYLAMINO-, HYDROCHLORIDE

UPDT:8303 CAS: 63980-55-2 MW: 291.80 MOLFM: C16-H17-N-O2 Cl-H

SYN: 1-(DIBENZOFURAN-2'-YL)-2-DIMETHYLAMINOETHANOL HYDROCHLORIDE * 2-(2-(DIMETHYLAMINO)-1-HYDROXYETHYL)DIBENZOFURAN HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

scu-mus LDLo:550 mg/kg JPETAB 58,159,36

KK3600000 ETHANOL, 1-(DIBENZOFURAN-2'-YL)-2-PIPERIDINO-, HYDROCHLORIDE

UPDT:8303 CAS: 63980-56-3 MW: 331.87 MOLFM: C19-H21-N-O2 Cl-H

SYN: 1-(DIBENZOFURAN-2'-YL)-2-PIPERIDINOETHANOL HYDROCHLORIDE * 2-(2-PIPERIDINO-1-HYDROXYETHYL)DIBENZOFURAN HYDRO:HLORIDE

TOXICITY DATA AND REFERENCES:

scu-mus LDLo:325 mg/kg JPETAB 58,159,36

ETHANOL, 1,2-DIBROMO-2,2-DICHLORO-, DIMETHYL PHOSPHATE see: TB9450000

KK3850000 ETHANOL, 2-(DIBUTYLAMINO)-

UPDT:8408 CAS: 102-81-8 MW: 173.34 MOLFM: C10-H23-N-O

SYN: DIBUTYLAMINOETHANOL * 2-DIBUTYLAMINOETHANOL * 2-N-DIBUTYLAMINOETHANOL * 2-DI-n-BUTYLAMINOETHANOL * N,N-DI-n-BUTYLAMINOETHANOL (DOT) * beta-n-DIBUTYLAMINOETHYL ALCOHOL * N,N-DIBUTYLETHANOLAMINE * N,N-DIBUTYL-N-(2-HYDROXYETHYL)AMINE * BU2AE * UN 2873 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open	AMIHBC 10,61,54
skn-rbt 500 mg open SEV	UCDS** 11/29/63
eye-rbt 20 mg/24H open SEV	AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1070 mg/kg	AMIHBC 10,61,54
ipr-rat LD50:144 mg/kg	TXAPA9 12,486,68
ipr-mus LD50:52 mg/kg	RCRVAB 38,975,69
* skn-rbt LD50:1680 mg/kg	AMIHBC 10,61,54
3G10J25X12 ipr-mam LD50:120 mg/kg	TXAPA9 8,344,66

REVIEW AND REFERENCES:

★ TLV-TWA 2 ppm; STEL 4 ppm (skin) DTLVS* 4,123,80

STANDARDS & REGULATIONS:

★ DOT-IMO-POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

KK4025000 ETHANOL, 2-(DIBUTYLAMINO)-alpha-(6-METHOXYQUINOL-4-YL)-, DIHYDROCHLORIDE

UPDT:8405 CAS: 63980-57-4 MW: 403.44 MOLFM: C20-H30-N2-O2 2Cl-H

SYN: 2-(DIBUTYLAMINO)-alpha-(6-METHOXYQUINOL-4-YL)ETHANOL DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:175 mg/kg BJCAAI 1,90,47

KK4375000 ETHANOL, 2-(2,4-DICHLOROPHENOXY)-

UPDT:8405 CAS: 120-67-2 MW: 207.06 MOLFM: C8-H8-Cl2-O2

SYN: CELLOSOLVE 2,4-DICHLOROPHENYL * 2-(2,4-DICHLOROPHENOXY)ETHANOL * 2,4-DICHLORPHENYL CELLOSOLVE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1410 mg/kg UCDS** 12/29/71

BEST COPY AVAILABLE

skn-rbt LD50:1250 mg/kg UCDS** 12/29/71

KK4900000 ETHANOL, 2-(2,4-DICHLOROPHENOXY)-, HYDROGEN SULFATE, SODIUM SALT

UPDT:8408 CAS: 136-78-7 MW: 309.10 MOLFM: C8-H7-Cl2-O5-S .Na

SYN: CRAG HERBICIDE * CRAG HERBICIDE I * CRAG SESONE * 2,4-DES-Na * 2,4-DES-NATRIUM (German) * 2,4-DES SODIUM * 2-(2,4-DICHLOROPHENOXY)ETHANOL HYDROGEN SULFATE SODIUM SALT * 2,4-DICHLOROPHENOXYETHYL SULFATE, SODIUM SALT * DISUL * DISUL-Na * DISUL-SODIUM * EXPERIMENTAL HERBICIDE I * NATRIUM-2,4-DICHLORPHENOXYATHYLSULFAT (German) * SES * SESONE * SODIUM 2-(2,4-DICHLOROPHENOXY)ETHYL SULFATE * SODIUM 2,4-DICHLOROPHENOXYETHYL SULPHATE * SODIUM 2,4-DICHLOROPHENYL CELLOSOLVE SULFATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:730 mg/kg RREVAH 10,97,65

* orl-mam LD50:1230 mg/kg FMCHA2 -,C212,83

REVIEW AND REFERENCES:

★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 DTLVS* 4,369,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 15 mg/m3 (SCP-U) FEREAC 39,23540,74

KK4950000 ETHANOL, 2-(2,4-DICHLOROPHENOXY)-, PHOSPHITE (3:1)

UPDT:8310 CAS: 94-84-8 MW: 649.12 MOLFM: C24-H21-Cl6-O6-P

SYN: 2,4-DEP * FALONE-44-E * FALONE E 44 * PHOSPHOROUS ACID, TRIS(2-(2,4-DICHLOROPHENOXY)ETHYL ESTER * TRI(2,4-DICHLOROPHENOXYETHYL) PHOSPHITE * TRIS(2,4-DICHLOROPHENOXYETHYL) PHOSPHITE * 3Y9

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:850 mg/kg RREVAH 10,97,65

KK5075000 ETHANOL, 2-(DIETHYLAMINO)-

UPDT:8408 CAS: 100-37-8 MW: 117.22 MOLFM: C6-H15-N-O

SYN: DEAE * DIAETHYLAMINOAETHANOL (German) * DIETHYLAMINOETHANOL * beta-DIETHYLAMINOETHANOL * N-DIETHYLAMINOETHANOL * 2-(DIETHYLAMINO)ETHANOL * 2-N-DIETHYLAMINOETHANOL * DIETHYLAMINOETHANOL (DOT) * beta-DIETHYLAMINOETHYL ALCOHOL * DIETHYLETHANOLAMINE * N-N-DIETHYLETHANOLAMINE * N,N-DIETHYL-N-(beta-HYDROXYETHYL)AMINE * 2-HYDROXYTRIETHYLAMINE * UN 2686 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open JIHTAB 26,269,44

skn-rbt 500 mg open MLD UCDS** 6/11/63

eye-rbt 5 mg SEV UCDS** 6/11/63

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1300 mg/kg JIHTAB 26,269,44

3A11D25F12 ihl-rat LCLo:4500 mg/m3/4H GTPZA3 14(11),52,70

ipr-rat LD50:1220 mg/kg TXAPA9 12,486,68

3A11D25F12 ihl-mus LC50:5000 mg/m3 GTPZAB 14(11),52,70

ipr-mus LD50:308 mg/kg ARZNAD 9,31,59

scu-mus LD50:1561 mg/kg ARZNAD 4,649,54

ivn-mus LD50:188 mg/kg ARZNAD 9,31,59

ims-mus LD50:416 mg/kg ARZNAD 9,31,59

* skn-gpg LD50:884 mg/kg JIHTAB 26,269,44

REVIEW AND REFERENCES:

★ TLV-TWA 10 ppm (skin) DTLVS* 4,140,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ppm (skin) (SCP-J) FEREAC 39,23540,74

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S140#

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

ETHANOL, 2-(DIETHYLAMINO)-, BENZILATE HYDROCHLORIDE see: DD2800000

KK5230000 ETHANOL, 2-DIETHYLAMINO-, CARBANILATE

UPDT:8406 MW: 236.35 MOLFM: C13-H20-N2-O2

SYN: CARBANILIC ACID, 2-DIETHYLAMINOETHYL ESTER * 2-DIETHYLAMINOETHANOL CARBANILATE

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LD50:300 mg/kg JAPMA8 48,396,59

ETHANOL, 2-(DIETHYLAMINO)-, 2,2-DIPHENYLACETATE, HYDROCHLORIDE see: AH2625000

ETHANOL, 2-DIETHYLAMINO-, DIPHENYLCARBAMATE see: FA4374000

KK5530000 ETHANOL, 1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-2-(p-FLUOROPHENYL)-1-p-TOLYL-

UPDT:8306 MW: 421.60 MOLFM: C27-H32-F-N-O2

SYN: 1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-2-(p-FLUOROPHENYL)-1-p-TOLYLETHANOL * p-FLUOROBENZYL p-TOLYL (p-(beta-DIETHYLAMINOETHOXY)PHENYL)CARBINOL

TOXICITY DATA AND REFERENCES:

1R21 orl-mus LD50:400 mg/kg COREAF 252,2323,61

KK5550000 ETHANOL, 1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-2-(p-METHOXYPHENYL)-1-PHENYL-

UPDT:8411 CAS: 67-98-1 MW: 419.61 MOLFM: C27-H33-N-O3

SYN: (p-2-DIETHYLAMINOETHOXYPHENYL)-1-PHENYL-2-p-ANISYLETHANOL * 1-(p-2-DIETHYLAMINOETHOXYPHENYL)-1-PHENYL-2-p-ANISYLETHANOL * 1-(4-(2-DIETHYLAMINOETHOXY)PHENYL)-1-PHENYL-2-(p-ANISYL)ETHANOL * 1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-1-PHENYL-2-(p-METHOXYPHENYL)ETHANOL * ETHANOXYTRIPHETOL * ETHANOXYTRIPHETOL * MER 25

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T91 orl-rat TDLo:550 mg/kg (22D post) ENDOAO 63,295,58

1T13 orl-rat TDLo:7 mg/kg (7D pre) CCPTAY 3,347,71

3T12T13T14 orl-rat TDLo:495 mg/kg (31D pre) ENDOAO 63,295,58

1T46 orl-rat TDLo:15400 ug/kg (1-14D preg) TXAPA9 10,565,67

2T43T55 orl-rat TDLo:480 mg/kg (6-14D preg) TXAPA9 10,565,67

1T24 orl-rat TDLo:45 mg/kg (1-9D preg) CCPTAY 3,347,71

2T71T75 orl-rat TDLo:250 mg/kg (13-22D preg) ENDOAO 63,295,58

1T24 scu-rat TDLo:10 mg/kg (3D preg) CCPTAY 5,473,72

1T13 scu-rat TDLo:30 mg/kg (3D pre) CCPTAY 10,395,74

3T12T13T14 ims-rat TDLo:100 mg/kg (1D pre) ENDOAO 82,959,68

1T29 ims-rat TDLo:100 mg/kg (1D pre) ENDOAO 82,959,68

1T21 ims-rat TDLo:200 mg/kg (1D pre) ENDOAO 82,959,68

1T22 unk-rat TDLo:75 mg/kg (1-3D preg) BSGUAJ -,164,66

1T44 scu-mus TDLo:120 mg/kg (12-15D preg) IRLCDZ 4,379,76

1T29 scu-mus TDLo:120 mg/kg (1-3D preg) AJBSAM 21,1239,68

1T22 scu-mus TDLo:120 mg/kg (1-3D preg) JRPFA4 9,277,65

1T72 scu-mus TDLo:200 mg/kg (1-5D preg) BJPCBM 57,487,76

2T26T29 par-mus TDLo:120 mg/kg (1-3D preg) JOENAK 20,299,60

1T24 par-mus TDLo:480 mg/kg (1-3D preg) JRPFA4 16,201,68

1T39 orl-rbt TDLo:25 mg/kg (1D preg) ENDOAO 65,339,59

1T29 orl-rbt TDLo:225 mg/kg (3D pre) ENDOAO 69,396,61

2T46T81 ims-rbt TDLo:150 mg/kg (21-26D preg) TXAPA9 15,185,69

1T85 unk-rbt TDLo:150 mg/kg (21-26D preg) JRPMAP 4,137,70

2T17T46 ims-dom TDLo:575 mg/kg (18-21W preg) FESTAS 17,637,66

TUMORIGENIC DATA AND REFERENCES:

JV03T65R60 scu-mus TDLo:120 mg/kg (12-15D preg) IRLCDZ 4,379,76

2V03R60 scu-mus TDLo:30 mg/kg/5D-I IRLCDZ 4,379,76

TOXICITY DATA AND REFERENCES:

1F07 orl-mus LD50:1700 mg/kg ENDOAO 63,295,58

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLECAP 4,551,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK5551000 ETHANOL, 1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-2-(p-METHOXYPHENYL)-1-PHENYL-, CITRATE

UPDT:8309 MW: 611.75 MOLFM: C27-H33-N-O3 .C6-H8-O7

SYN: 1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-2-(p-METHOXYPHENYL)-1-PHENYLETHANOL CITRATE * MER-25 CITRATE

TOXICITY DATA AND REFERENCES:

1F07 ivn-mus LD50:105 mg/kg ENDOAO 63,295,58

KK5553400 ETHANOL, 2-DIETHYLAMINO-, HYDROCHLORIDE

UPDT:8306 CAS: 14426-20-1 MW: 153.68 MOLFM: C6-H15-N-O .Cl-H

SYN: 2-DIETHYLAMINOETHANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:1260 mg/kg AIPTAK 112,36,57

* ivn-mus LD50:600 mg/kg AIPTAK 112,36,57

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ETHANOL, 2-DIETHYLAMINO-, 2-NAPHTHYLCARBAMATE see: QJ1704000

KK5650000 ETHANOL, 2-DIETHYLAMINO-1-(PHENANTHR-3''-YL)-, HYDROCHLORIDE

UPDT:8303 CAS: 5341-13-9 MW: 329.90 MOLFM: C20-H23-N-O .Cl-H

SYN: 3-(2-(DIETHYLAMINO)-1-HYDROXYETHYL)PHENANTHRENE HYDROCHLORIDE * 2-DIETHYLAMINO-1-(PHENANTHR-3-YL)ETHANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

scu-mus LDLo:600 mg/kg JPETAB 58,159,36

KK5775000 ETHANOL, 1-(3,4-DIHYDROXYPHENYL)-2-ETHYLAMINO-, HYDROCHLORIDE

UPDT:8303 CAS: 6422-43-1 MW: 233.72 MOLFM: C10-H15-N-O3 .Cl-H

SYN: (3,4-DIHYDROXYPHENYL)-1-ETHYLAMINO-2-ETHANOL-1- HYDROCHLORIDE * 1-(3,4-DIHYDROXYPHENYL)-2-ETHYLAMINOETHANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

scu-rat LDLo:40 mg/kg JPETAB 71,62,41

KK5950000 ETHANOL, 2-(DIISOPROPYLAMINO)-

UPDT:8407 CAS: 96-80-0 MW: 145.28 MOLFM: C8-H19-N-O

SYN: 2-DIISOPROPYLAMINOETHANOL * DIISOPROPYL ETHANOLAMINE * N,N-DIISOPROPYLETHANOLAMINE * N,N-DIISOPROPYL ETHANOLAMINE (DOT) * UN 2825 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg open MLD UCDS** 6/6/69

eye-rbt 750 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1070 mg/kg UCDS** 6/6/69

skn-rbt LD50:450 mg/kg AMIHBC 10,61,54

STANDARDS & REGULATIONS:

★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK6125000 ETHANOL, 2-DIMETHYLAMINO-

UPDT:8412 CAS: 108-01-0 MW: 89.16 MOLFM: C4-H11-N-O

SYN: DEANOL * DIMETHYLAMINOAETHANOL (German) * DIMETHYLAMINOETHANOL * beta-DIMETHYLAMINOETHANOL * N-DIMETHYLAMINOETHANOL * N,N-DIMETHYLAMINOETHANOL * 2-DIMETHYLAMINOETHANOL * 2-(DIMETHYLAMINO)ETHANOL * beta-DIMETHYLAMINOETHYL ALCOHOL * DIMETHYLETHANOLAMINE * N,N-DIMETHYLETHANOLAMINE * DIMETHYLETHANOLAMINE (DOT) * N,N-DIMETHYL-N-(2-HYDROXYETHY.)AMINE * N,N-DIMETHYL-2-HYDROXYETHYLAMINE * DMAE * beta-HYDROXYETHYLDIMETHYLAMINE * UN 2051 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 445 mg open MLD UCDS** 12/15/71

eye-rbt 750 ug open SEV AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2340 mg/kg UCDS** 12/15/71

3A11D25F12 ihl-rat LCLo:4500 mg/m3/4H GTPZAB 14(11),52,70

ipr-rat LD50:1080 mg/kg TXAPA9 12,486,68

3A11D25F12 ihl-mus LC50:3250 mg/m3 GTPZAB 14(11),52,70

ipr-mus LD50:1020 mg/kg FEPRA7 19,23,60

scu-mus LD50:961 mg/kg AEPPAE 225,428,55

* skn-rbt LD50:1370 mg/kg AMIHBC 4,119,51

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

KK6300000 ETHANOL, 2-(DIMETHYLAMINO)-, p-ACETAMIDOBENZOATE

UPDT:8403 CAS: 3635-74-3 MW: 234.33 MOLFM: C13-H18-N2-O2

SYN: 4-(ACETYLAMINO)BENZOIC ACID compd with 2-(DIMETHYLAMINO)ETHANOL (1:1) * CERVOXAN * DAYFEN * DEANER * DEANOL ACETAMIDOBENZOATE * DEANOL p-ACETAMIDOBENZOATE * DIFORENE * 2-DIMETHYLAMINOETHANOL p-ACETAMIDOBENZOATE * DMAE p-ACETAMIDOBENZOATE * ELEVAN * NERVOTON

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:800 mg/kg 27ZQAG -,419,72

scu-mus LD50:3918 mg/kg 27ZQAG -,419,72

ipr-mus LD50:1020 mg/kg 27ZQAG -,419,72

ETHANOL, 2-(DIMETHYLAMINO)-, N-ACETYL-L-GLUTAMATE (salt) (1:1) see: LZ9800000

KK6650000 ETHANOL, 2-(DIMETHYLAMINO)-, BITARTRATE

UPDT:8303 CAS: 63980-59-6 MW: 385.32 MOLFM: C4-H11-N-O .2C4-H4-O6

SYN: ATROL * DIMETHAEN * 2-(DIMETHYLAMINO)ETHANOL BITARTRATE * LIPARON * RECREIN

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2590 mg/kg 27ZQAG -,419,72

ipr-rat LD50:459 mg/kg 27ZQAG -,419,72

scu-rat LD50:1098 mg/kg 27ZQAG -,419,72

orl-mus LD50:3100 mg/kg SCIEAS 126,610,57

KK6670000 ETHANOL, 2-DIMETHYLAMINO-, CARBANILATE, HYDROCHLORIDE

UPDT:8406 MOLFM: C11-H16-N2-O2 .Cl-H

SYN: 2-DIMETHYLAMINOETHANOL CARBANILATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:339 mg/kg JAPMA8 44,766,55

* ivn-mus LD50:128 mg/kg JAPMA8 44,766,55

KK6825000 ETHANOL, 2-(2-DIMETHYLAMINOETHOXY)-

UPDT:8307 CAS: 1704-62-7 MW: 133.22 MOLFM: C6-H15-N-O2

SYN: 2-(2-DIMETHYLAMINOETHOXY)ETHANOL

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2460 mg/kg TXAPA9 28,313,74

par-mus LDLo:240 mg/kg CBCCT* 7,687,55

* skn-rbt LD50:1410 mg/kg TXAPA9 28,313,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

KK6970000 ETHANOL, 2-DIMETHYLAMINO-, HYDROCHLORIDE

UPDT:8306 MW: 125.62 MOLFM: C4-H11-N-O .Cl-H

SYN: 2-DIMETHYLAMINOETHANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:2380 mg/kg AIPTAK 112,36,57

* ivn-mus LD50:1020 mg/kg AIPTAK 112,36,57

ETHANOL, 2-(DIMETHYLAMINO)-, METHACRYLATE see: OZ4200000

KK7183000 ETHANOL, 2,2'-((3-((5,11-DIMETHYL-9-METHOXY-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)AMINO)PROPYL) IMINO)DI-, and ETHANOL (2:1)

UPDT:8306 CAS: 83948-13-4 MW: 459.58 MOLFM: C25-H32-N4-O3 . 1 .2C2-H6-O

SYN: 6H-PYRIDO(4,3-b)CARBAZOLE, ETHANOL deri-

TOXICITY DATA AND REFERENCES:

1V30 ipr-mus LDLo:15 mg/kg JMCMAR 26,181,83

TOXICITY DATA HAVE NOT BEEN EVALUATED.

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

KK7185000 ETHANOL, 2-((3,7-DIMETHYL-2,6-OCTADIENYL)NITROAMINO)-, (Z) and (E) mixture
UPDT:8303 MW: 226.36 MOLFM: C12-H22-N2-O2
SYN: 1.2(cis,trans) mixture of N-NITROSO-2-(3,7-DIMETHYL-2,6-OCTADIENYL)AMINOETHANOL
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate ENMUDM 3,587,81

KK7205000 ETHANOL, 2-(2,4-DINITROANILINO)-
UPDT:8305 MW: 227.20 MOLFM: C8-H9-N3-O5
SYN: 2-(2,4-DINITROANILINO)ETHANOL * N-2,4-DINITROPHENYLETHANOLAMINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 100 mg/kg BJPCAL 6,357,51

KK7400000 ETHANOL, 2,2'-((4,5-DIPHENYL-2-OXAZOLYL)IMINO)DI-, MONOHYDRATE
UPDT:8403 CAS: 63867-52-7 MW: 342.43 MOLFM: C19-H20-N2-O3-H2-O
SYN: AGEROPLAS * 2-(BIS(beta-HYDROXYETHYL)AMINO)-4,5-DIPHENYLOXAZOLE MONOHYDRATE * DIETHAMPHENAZOL MONOHYDRATE * 2,2'-DIHYDROXY-N-(4,5-DIPHENYLOXAZOLE-2-YL)DIETHYLAMINE MONOHYDRATE * N-(4,5-DIPHENYLOXAZOL-2-YL)DIETHANOLAMINE MONOHYDRATE * 2,2'-((4,5-DIPHENYL-2-OXAZOLYL)IMINO)-DIETHANOL MONOHYDRATE * DITAZOL MONOHYDRATE * S-222
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:11380 mg/kg MEIEDD 10,492,83
* ipr-rat LD50:7770 mg/kg MEIEDD 10,492,83
* orl-mus LD50:9621 mg/kg MEIEDD 10,492,83
* ipr-mus LD50:3390 mg/kg MEIEDD 10,492,83

KK7450000 ETHANOL, 2,2',2'',2'''-((4,8-DIPIPERIDINOPYRIMIDO(5,4-d)PYRIMIDINE-2,6-DIYL)DINITRILO)TETRA-
UPDT:8403 CAS: 58-32-2 MW: 504.72 MOLFM: C24-H40-N8-O4
SYN: ANGINAL * 2,6-BIS(DIETHANOLAMINO)-4,8-DIPIPERIDINOPYRIMIDO(5,4-d)PYRIMIDINE * CARDOXIN * CLERIDIUM 150 * CORONARINE * CURANTYL * 2,2',2',2''-(4,8-DIPIPERIDINOPYRIMIDO(5,4-d)PYRIMIDINE-2,6-DIYLDINITRILO)TETRAETHANOL * DIPYRIDAMINE * DIPYRIDAMOL * DIPYRIDAMOLE * DIPYRIDAN * DIPYUDAMINE * GULLIOSTIN * NATYL * PERILAMOL * PERSANTIN * PERSANTINE * PIROAN * PRANDIOL * RA-8 * PYRIMIDO(5,4-d)PYRIMIDINE, 2,6-BIS(BIS(2-HYDROXYETHYL)AMINO)-4,8-DIPIPERIDINO * USAF GE-12
MUTATION DATA AND REFERENCES:
dni-rat-lvr 200 nmol/L CNREA8 43,1616,83
oms-rat-lvr 300 nmol/L CNREA8 43,1616,83
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8400 mg/kg MEIEDD 10,489,83
3F07J25F19 scu-rat LD50:1650 mg/kg ARZNAD 22,892,72
2J25K12 ivn-rat LD50:195 mg/kg ARZNAD 22,892,72
orl-mus LD50:2150 mg/kg ARZNAD 11,848,61
ipr-mus LD50:150 mg/kg NTIS** AD691-490
* scu-mus LD50:2700 mg/kg NIIRDN 6,330,82
ivn-mus LD50:150 mg/kg ARZNAD 11,848,61

KK7525000 ETHANOL, 2,2'-DITHIODI-
UPDT:8303 CAS: 1892-29-1 MW: 154.26 MOLFM: C4-H10-O2-S2
SYN: 2,2'-DITHIODIETHANOL * DITHIODIGLYCOL * USAF TH-9
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KK7600000 ETHANOL, 2-(DODECYLAMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 20715-62-2 MW: 265.92 MOLFM: C14-H31-N-O-Cl-H
SYN: 2-(DODECYLAMINO)ETHANOL HYDROCHLORIDE * N-MONO(beta-HYDROXYETHYL)-1-AMINODODECANE HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 1% SEV OYYAA2 8,1727,74

KK7610000 ETHANOL, 2,2'-(DODECYLIMINO)BIS-, HYDROCHLORIDE
UPDT:8408 CAS: 51103-01-6 MW: 309.98 MOLFM: C16-H35-N-O2-Cl-H
SYN: N,N-BIS(beta-HYDROXYETHYL)-1-AMINODODECANE HYDROCHLORIDE * 2,2'-(DODECYLIMINO)BISETHANOL HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 1% SEV OYYAA2 8,1727,74

KK7870000 ETHANOL, 2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)-
UPDT:8303 CAS: 3055-94-5 MW: 318.56 MOLFM: C18-H38-O4
SYN: 2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)ETHANOL * DODECYL TRIETHYLENE GLYCOL ETHER * LAURYL ALCOHOL TRIGLYCOL ETHER * LAURYL TRIETHOXYLATE * LAURYLTRIGLYCOL ETHER * LEA * TRIETHYLENE GLYCOL DODECYL ETHER
MUTATION DATA AND REFERENCES:
dni-gpg:kdy 10 umol/L FCTXAV 14,431,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KK7875000 ETHANOL, 2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)-, HYDROGEN SULFATE SODIUM SALT
UPDT:8408 CAS: 13150-00-0 MW: 420.60 MOLFM: C18-H37-O7-S-Na
SYN: 2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)ETHANOL HYDROGEN SULFATE SODIUM SALT * ETHANESULFONIC ACID, 2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)-, SODIUM SALT * ETHANOL, 2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)-, SULFATE ESTER, MONOSODIUM SALT * SODIUM LAURYL TRIOXYETHYLENE SULFATE * SULFURIC ACID, MONO(2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)ETHYL) ESTER, SODIUM SALT
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1820 mg/kg TXAPA9 4,402,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ETHANOL, 2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)-, SULFATE ESTER, MONOSODIUM SALT see: KK7875000ETHANOL, 2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)-, HYDROGEN SULFATE SODIUM SALT

KK7890000 ETHANOL, 2-(DODECYLOXY)-, HYDROGEN SULFATE, SODIUM SALT
UPDT:8305 CAS: 15826-16-1 MW: 333.49 MOLFM: C14-H30-O5-S-Na
SYN: 2-(DODECYLOXY)ETHANOL HYDROGEN SULFATE SODIUM SALT * DODECYL SODIUM ETHOXYSULFATE * SODIUM LAURYL ETHOXYSULPHATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1995 mg/kg FCTXAV 5,763,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ETHANOL (DOT) see: KQ6300000

KK7900000 ETHANOL, 2-(N-(2-(2,3-EPOXYPROPOXY)ETHYL)ANILINO)-
UPDT:8305 CAS: 63041-07-6 MW: 237.33 MOLFM: C13-H19-N-O3
SYN: 2-(N-(2-(2,3-EPOXYPROPOXY)ETHYL)ANILINO)ETHANOL * MONOGLYCIDYL ETHER OF N-PHENYLDIETHANOLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:17 gm/kg/43W-I FCTXAV 4,365,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANOL, 2-(2-(ETHENYLOXY)ETHOXY)- (9CI) see: KM5495500

KK8050000 ETHANOL, 2-ETHOXY-
UPDT:8412 CAS: 110-80-5 MW: 90.14 MOLFM: C4-H10-O2
SYN: ATHYLENGLYKOL MONOATHYLATHER (German) * CELLOSOLVE * CELLOSOLVE (DOT) * CELLOSOLVE SOLVENT * DOWANOL EE * EKTASOLVE EE * ETHER MONOETHYLIQUE DE L'ETHYLENE-GLYCOL (French) * 2-ETHOXYETHANOL * ETHYL CELLOSOLVE * ETHYLENE GLYCOL ETHYL ETHER * ETHYLENE GLYCOL MONOETHYL ETHER * ETHYLENE GLYCOL MONOETHYL ETHER (DOT) * ETOKSYETYLOWY ALKOHOL (Polish) * GLYCOL ETHER EE * GLYCOL ETHYL ETHER * GLYCOL MONOETHYL ETHER * HYDROXY ETHER * JEFFERSOL EE * NCI-C54853 * OXITOL * POLY-SOLV EE * UN 1171 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 6000 ppm PHRPA6 45,1459,30
skn-rbt 500 mg open MLD UCDS** 5/20/66
eye-rbt 50 mg MOD UCDS** 5/20/66
eye-gpg 10 ug MLD JPPMAB 11,150,59
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rat TDLo:7820 mg/kg (1-21D preg) ARZNAD 21,880,71
3T34T46T47 orl-rat TDLo:600 mg/kg (10-12D preg) TOXID9 4,87,84
1T35 orl-rat TDLo:1800 mg/kg (7-15D preg) TOXID9 4,87,84
1T01 orl-rat TDLo:28080 mg/kg (30D male) TOXID9 4,87,84
1T26 ihl-rat TCLo:767 ppm/7H (1-19D preg) TOXID9 1,30,81
3T34T46T47 ihl-rat TCLo:200 ppm/7H (1-19D preg) SWEHDO 7(Suppl 4),66,81
2T25T35 ihl-rat TCLo:600 ppm/7H (7-13D preg) NRTXDN 2,231,81
2T16T85 ihl-rat TCLo:100 ppm/7H (14-20D preg) TJADAB 21,58A,80
3T25T26T34 skn-rat TDLo:50 gm/kg (7-16D preg) DCTODJ 5,277,82
2T46T47 skn-rat TDLo:50 gm/kg (7-16D preg) DCTODJ 5,277,82
1T46 scu-rat TDLo:1955 mg/kg (1-21D preg) ARZNAD 21,880,71
1T02 orl-mus TDLo:25 gm/kg (25D male) SAIGBL 21,29,79
1T26 ihl-rbt TCLo:617 ppm/7H (1-18D preg) TOXID9 1,30,81
3T45T46T47 ihl-rbt TCLo:160 ppm/7H (1-18D preg) SWEHDO 7(Suppl 4),66,81
3T25T26T35 ihl-rbt TCLo:160 ppm/7H (1-18D preg) SWEHDO 7(Suppl 4),66,81
1T53 ihl-rbt TCLo:160 ppm/7H (1-18D preg) SWEHDO 7(Suppl 4),66,81
2T13T29 ihl-rbt TCLo:617 ppm/7H (1-18D preg) NTIS** PB83-208074
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg JIHTAB 23,259,41
ihl-rat LCLo:4000 ppm/4H JIHTAB 31,343,49
* skn-rat LD50:3900 mg/kg TOXID9 4,180,84
ipr-rat LDLo:1200 mg/kg JPPMAB 11,150,59
ivn-rat LD50:2400 mg/kg NPIRI* 1,54,74
* unk-rat LD50:7750 mg/kg GISAAA 47(5),84,82
orl-mus LD50:4300 mg/kg JIHTAB 21,173,39
3F29J22M14 ihl-mus LC50:1820 ppm/7H JIHTAB 25,157,43
3J16M03P27 ipr-mus LD50:1707 mg/kg FEPRA7 6,342,47
scu-mus LDLo:5 gm/kg JPETAB 42,355,31
ivn-mus LD50:3900 mg/kg ARZNAD 21,880,71
* unk-mus LD50:5799 mg/kg GISAAA 47(5),84,82
2F01P23 orl-rbt LD50:3100 mg/kg AMIHAB 14,114,56
skn-rbt LD50:3500 mg/kg UCDS** 5/20/66
orl-gpg LD50:1400 mg/kg JIHTAB 23,259,41
ihl-gpg LCLo:3000 ppm/24H PHRPA6 45,1459,30
* unk-gpg LD50:3070 mg/kg GISAAA 47(5),84,82
REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm (skin) DTLWS* 4,171,82
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm (skin) (SCP-V) FEREAC 39,23540,74
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172,101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID: LABEL:FLAMMABLE LIQUID CFRGBR 49,172,102,83
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1403
★ NIOSH CURRENT INTELLIGENCE BULLETIN, #39
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0381-0386
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK8225000 ETHANOL, 2-ETHOXY-, ACETATE
UPDT:8412 CAS: 111-15-9 MW: 132.18 MOLFM: C6-H12-O3
SYN: ACETATE DE CELLOSOLVE (French) * ACETATE DE L'ETHER MONOETHYLIQUE DE L'ETHYLENE-GLYCOL (French) * ACETATE D'ETHYLGLYCOL (French) * ACETATO DI CELLOSOLVE (Italian) * ACETIC ACID, 2-ETHOXYETHYL ESTER * 2-AETHOXY-AETHYLACETAT (German) * AETHYLENGLYKOLAETHERACETAT (German) * CELLOSOLVE ACETATE * CELLOSOLVE ACETATE (DOT) * CSAC * EKTASOLVE EE ACETATE SOLVENT * ETHOXY ACETATE * 2-ETHOXYETHANOL ACETATE * 2-ETHOXYETHANOL, ESTER with ACETIC ACID * 2-ETHOXY-ETHYLACETAAT (Dutch) * ETHOXYETHYL ACETATE * beta-ETHOXYETHYL ACETATE * 2-ETHOXYETHYLACETATE * 2-ETHOXYETHYLE ACETATE DE (French) * ETHYL CELLOSOLVE ACETAAT (Dutch) * ETHYLENE GLYCOL ETHYL ETHER ACETATE * ETHYLENE GLYCOL MONOETHYL ETHER ACETATE * ETHYLENE GLYCOL MONOETHYL ETHER ACETATE (DOT) * ETHYLGLYKOLACETAT (German) * 2-ETOSSIETIL ACETATO (Italian) * GLYCOL ETHER EE ACETATE * GLYCOL MONOETHYL ETHER ACETATE * OCTAN ETOKSYETYLU (Polish) * OXYTOL ACETATE * POLY-SOLV EE ACETATE * UN 1172 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 490 mg open MLD UCDS** 1/13/67
eye-rbt 40 mg MOD UCDS** 1/13/67
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ihl-rat TCLo:600 ppm/7H (7-15D preg) EPASR* 8EHQ-0682-0450
3T34T46T47 ihl-rat TCLo:600 ppm/7H (7-15D preg) TJADAB 25(2),64A,82
2T47T53 ihl-rat TCLo:300 ppm/6H (6-15D preg) UCRR** 09OCT84
1T34 ihl-rat TCLo:200 ppm/6H (6-15D preg) UCRR** 09OCT84
1T46 ihl-rat TCLo:50 ppm/6H (6-15D preg) UCRR** 09OCT84
1T02 orl-mus TDLo:25 gm/kg (25D male) SAIGBL 21,29,79
1T03 orl-mus TDLo:100 gm/kg (25D male) SAIGBL 21,29,79
3T47T49T53 ihl-rbt TCLo:200 ppm/6H (6-18D preg) UCRR** 09OCT84
2T25T26 ihl-rbt TCLo:200 ppm/6H (5-18D preg) UCRR** 09OCT84
1T46 ihl-rbt TCLo:100 ppm/6H (5-18D preg) UCRR** 09OCT84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2900 mg/kg TXAPA9 51,117,79
* ihl-rat LCLo:1500 ppm/8H AIHQA5 17,129,56
ipr-mus LD50:1420 mg/kg SCCUR* -,2,61
scu-mus LDLo:5 gm/kg JPETAB 42,355,31
* orl-rbt LD50:1950 mg/kg EPASR* 8EHQ-0682-0450
skn-rbt LD50:10500 mg/kg UCDS** 1/13/67
orl-gpg LD50:1910 mg/kg JIHTAB 23,259,41
REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm (skin) DTLWS* 4,172,82
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (skin) (SCP-D) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID: LABEL:FLAMMABLE LIQUID CFRGBR 49,172,102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1450
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0682-0450
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANOL, 2-ETHOXY-, ACRYLATE see: AS9800000

KK8750000 ETHANOL, 2-(2-ETHOXYETHOXY)-
UPDT:8402 CAS: 111-90-0 MW: 134.20 MOLFM: C6-H14-O3
SYN: APV * CARBITOL * CARBITOL CELLOSOLVE * CARBITOL SOLVENT * DIETHYLENE GLYCOL ETHYL ETHER * DIETHYLENE GLYCOL MONOETHYL ETHER * DIGLYCOL MONOETHYL ETHER * DIOXITOL * DOWANOL * ETHOXY DIGLYCOL * 2-(2-ETHOXYETHOXY)ETHANOL * ETHYL CARBITOL * ETHYL DIETHYLENE GLYCOL * ETHYLENE DIGLYCOL MONOETHYL ETHER * LOSUNGSMITTEL APV * MONOETHYL ETHER of DIETHYLENE GLYCOL * POLY-SOLV * SOLVOLSOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD JPETAB 82,377,44
eye-rbt 500 mg MOD UCDS** 11/22/68

BEST COPY AVAILABLE

eye-rbt 125 mg MLD ADSYAF 45,553,42

TOXICITY DATA AND REFERENCES:
orl-rat LD50:6500 mg/kg JIHTAB 29,190,47
skn-rat LD50:6000 mg/kg JIHTAB 29,190,47
ipr-rat LD50:6310 mg/kg TXAPA9 21,454,72
1F05 ivn-rat LD50:2200 mg/kg ARZNAD 28,1571,78
3C08F07F13 unk-rat LD50:7500 mg/kg GISAAA 46(4),74,81
skn-mus LD50:6000 mg/kg JIHTAB 29,190,47
2M03P27 ipr-mus LD50:3905 mg/kg FEPRA7 6,342,47
scu-mus LD50:5500 mg/kg JPETAB 65,89,39
* unk-mus LD50:7150 mg/kg GISAAA 46(2),14,81
ivn-dog LD50:3000 mg/kg JIHTAB 29,190,47
ivn-cat LDLo:5000 mg/kg JIHTAB 29,190,47
orl-rbt LD50:3620 mg/kg JIHTAB 23,259,41
3F07F17F19 skn-rbt LD50:8500 mg/kg JIHTAB 29,325,47
ivn-rbt LD50:2500 mg/kg JIHTAB 29,190,47
orl-gpg LD50:3670 mg/kg JIHTAB 23,259,41
3C08F07F13 unk-gpg LD50:3000 mg/kg GISAAA 46(4),74,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KK8925000 ETHANOL, 2-(2-ETHOXYETHOXY)-, ACETATE
UPDT:8307 CAS: 112-15-2 MW: 176.24 MOLFM: C8-H16-O4
SYN: CARBITOL ACETATE * DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE * DIGLYCOL MONOETHYL ETHER ACETATE * EKTASOLVE DE ACETATE * 2-(2-ETHOXYETHOXY)ETHANOL ACETATE * GLYCOL ETHER DE ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 7/20/65
eye-rbt 505 mg AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:11 gm/kg UCDS** 7/20/65
skn-rbt LD50:15 gm/kg UCDS** 7/20/65
orl-gpg LD50:3930 mg/kg JIHTAB 23,259,41

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KK8950000 ETHANOL, 2-(2-(2-ETHOXYETHOXY)ETHOXY)-
UPDT:8312 CAS: 112-50-5 MW: 178.26 MOLFM: C8-H18-O4
SYN: DOWANOL TE * 2-(2-(2-ETHOXYETHOXY)ETHOXY)ETHANOL * ETHOXYTRIETHYLENE GLYCOL * ETHOXYTRIGLYCOL * POLY-SOLV TE * TRIETHYLENE GLYCOL ETHYL ETHER * TRIETHYLENE GLYCOL MONOETHYL ETHER * TRIGLYCOL MONOETHYL ETHER

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:11 gm/kg JIHTAB 30,63,48
skn-rbt LD50:8 gm/kg AMIHBC 4,119,51

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KK8996000 ETHANOL, 2-(((2-ETHOXY-5-NITROPHENYL)METHYL)AMINO)-
UPDT:8408 CAS: 61361-62-4 MW: 240.29 MOLFM: C11-H16-N2-O4
SYN: 2-(((2-ETHOXY-5-NITROPHENYL)METHYL)AMINO)ETHANOL * N-(2-HYDROXYETHYL)-AMINOMETHYL-4-ETHOXYNITROBENZENE

TOXICITY DATA AND REFERENCES
* orl-rat LD50:25 mg/kg IJMRAQ 66,987,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK8997000 ETHANOL, 2,2'-(((2-ETHOXY-5-NITROPHENYL)METHYL)IMINO)BIS-
UPDT:8408 CAS: 58952-78-6 MW: 284.35 MOLFM: C13-H20-N2-O5
SYN: BIS(2-HYDROXYETHYL)AMINOMETHYL-4-ETHOXYNITROBENZENE * 2,2'-(((2-ETHOXY-5-NITROPHENYL)METHYL)IMINO)BISETHANOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:15 mg/kg (1-3D preg) IJMRAQ 64,244,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK9100000 ETHANOL, 2-(ETHYLAMINO)-
UPDT:8407 CAS: 110-73-6 MW: 89.16 MOLFM: C4-H11-N-O
SYN: 2-ETHYLAMINOETHANOL * 2-N-MONOETHYLAMINOETHANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 250 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1000 mg/kg FCTXAV 5,327,67
ipr-rat LD50:1170 mg/kg TXAPA9 12,486,68
* skn-rbt LD50:360 mg/kg AMIHBC 10,61,54
3G10J25K12 orl-mam LD50:1200 mg/kg TXAPA9 8,344,66

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KK9240000 ETHANOL, 2-(p-ETHYLAZOPHENYLAMINO)-, comp. with ZINC CHLORIDE
UPDT:8403
SYN: p-DIAZO ETHYL HYDROXYETHYLANILINE, ZINC CHLORIDE * SENSITIZER BO-1

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#00199

KK9275000 ETHANOL, 2-(2-ETHYLBUTOXY)-
UPDT:8407 CAS: 4468-93-3 MW: 146.26 MOLFM: C8-H18-O2
SYN: 2-(2-ETHYLBUTOXY)ETHANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 250 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1900 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:320 mg/kg AMIHBC 10,61,54

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANOLETHYLENE DIAMINE see: KJ6300000 ETHANOL, 2-((2-AMINOETHYL)AMINO)-
ETHANOL, 2,2'-(ETHYLENEDIOXY)DI- see: YE4550000
ETHANOL, 2,2'-ETHYLENEDIOXYDI-, DIACETATE see: YE4950000

KK9500000 ETHANOL, 2,2'-(ETHYLENEDIOXY)DI-, DIVALERATE (ester)
UPDT:8308 MW: 318.46 MOLFM: C16-H30-O6
SYN: 2,2'-ETHYLENEDIOXYDIETHANOL DIVALERATE (ester) * VALERIC ACID, TRIETHYLENE GLYCOL DIESTER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:14300 mg/kg TXAPA9 28,313,74

KK9520000 ETHANOL, 2,2'-(ETHYLENEDIOXY)DI-, PHOSPHATE (3:1)
UPDT:8308 MW: 494.54 MOLFM: C18-H39-O13-P
SYN: 2,2'-(ETHYLENEDIOXY)DIETHANOL PHOSPHATE (3:1) * TRIS(TRIETHYLENE GLYCOL) PHOSPHATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:24700 mg/kg TXAPA9 28,313,74

KK9625000 ETHANOL, 2-((2-ETHYLHEXYL)OXY)-
UPDT:8407 CAS: 1559-35-9 MW: 174.32 MOLFM: C10-H22-O2
SYN: 2-(2-ETHYLHEXYLOXY)ETHANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
eye-rbt 250 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3080 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:2120 mg/kg AMIHBC 10,61,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KK9800000 ETHANOL, 2,2'-(ETHYLIMINO)DI-
UPDT:8407 CAS: 139-87-7 MW: 133.24 MOLFM: C6-H15-N-O2
SYN: N-ETHYL-2,2'-IMINODIETHANOL * 2,2'-(ETHYLIMINO)DIETHANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 750 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4570 mg/kg AMIHBC 10,61,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KL0175000 ETHANOL, 2-(ETHYLMETHYLAMINO)-
UPDT:8303 CAS: 2893-43-8 MW: 103.19 MOLFM: C5-H13-N-O
SYN: RIKER #566 * 2-(ETHYLMETHYLAMINO)ETHANOL

TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:934 mg/kg FEPRA7 19,23,60

KL0350000 ETHANOL, 2-(ETHYLNITROSAMINO)-
UPDT:8412 CAS: 13147-25-6 MW: 118.16 MOLFM: C4-H10-N2-O2
SYN: AETHYL-AETHANOL-NITROSOAMIN (German) * EENA * EMEN * ETHYL-2-HYDROXYETHYLNITROSAMINE * N-ETHYL-N-HYDROXYETHYLNITROSAMINE * 2-(ETHYLNITROSAMINO)ETHANOL * N-NITROSOAETHYLAETHANOLAMIN (German) * N-NITROSOETHYLETHANOLAMINE * N-NITROSOETHYL-2-HYDROXYETHYLAMINE * N-NITROSO-N-ETHYL-N-(2-HYDROXYETHYL)AMINE

MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate MUREAV 66,1,79

TUMORIGENIC DATA AND REFERENCES:
3V01M60L60 orl-rat TDLo:1680 mg/kg/14D-C GANNA2 70,817,79
2V02M61 orl-rat TD :840 mg/kg/2W-C JJIND8 72,483,84
2V03M61 orl-rat TD :700 mg/kg/1W-C JJIND8 72,477,83
2V01M61 orl-rat TD :700 mg/kg/2W-C NAIZAM 31,361,80
2V01M61 orl-rat TD :1400 mg/kg/2W-C NAIZAM 31,361,80
2V03M61 orl-rat TD :1400 mg/kg/2W-C CRNGDP 2,1033,81
3V03L60M61 orl-rat TD :1680 mg/kg/2W-C GANNA2 73,543,82
2V03M61 orl-rat TD :1400 mg/kg/2W-C CRNGDP 4,523,83
3V03L60M61 orl-rat TD :1400 mg/kg/2W-C CRNGDP 2,1299,81
3V03L60M61 orl-rat TD :1400 mg/kg/2W-C CRNGDP 5,525,84
3V02L60M61 orl-rat TD :1400 mg/kg/2W-C GANNA2 74,607,83

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: GANMAX 17,107,75
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 17,83,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL0700000 ETHANOL, 2-((1-ETHYLPENTYL)OXY)-
UPDT:8407 CAS: 10138-47-3 MW: 160.29 MOLFM: C9-H20-O2
SYN: 2-(1-ETHYLAMYLOXY)ETHANOL * 2-((1-ETHYLPENTYL)OXY)ETHANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 250 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2280 mg/kg AMIHBC 10,61,54

KL0875000 ETHANOL, 2-(((1-ETHYLPENTYL)OXY)ETHOXY)-
UPDT:8407 CAS: 10138-87-1 MW: 204.35 MOLFM: C11-H24-O3
SYN: 2-(2-(1-ETHYLAMYLOXY)ETHOXY)ETHANOL * 2-(((1-ETHYLPENTYL)OXY)ETHOXY)ETHANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 250 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2940 mg/kg AMIHBC 10,61,54

ETHANOL, 2-(ETHYLTHIO)-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TG1650000

KL1320000 ETHANOL, 2-(N-ETHYL-m-TOLUIDINO)-
UPDT:8305 MW: 179.29 MOLFM: C11-H17-N-O
SYN: EMERY 5714 * N-ETHYL-N-(2-HYDROXYETHYL)-m-TOLUIDINE * 2-(N-ETHYL-m-TOLUIDINO)ETHANOL * N-HYDROXYETHYL-N-ETHYL-m-TOLUIDINE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1370 mg/kg LONZA# 02JUN80

KL1600000 ETHANOL, 2-(beta-FLUOROETHOXY)-
UPDT:8303 CAS: 373-22-8 MW: 108.13 MOLFM: C4-H9-F-O2
SYN: 2-(beta-FLUOROETHOXY)ETHANOL * 2-FLUORO-2'-HYDROXYDIETHYL ETHER

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:15 mg/kg 30ZFAF -,140,59

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 48,225,51

KL1650000 ETHANOL, 2-(2'-(2''-FLUOROETHOXY)ETHOXY)-
UPDT:8303 CAS: 373-45-5 MW: 152.19 MOLFM: C6-H13-F-O3
SYN: 2-(2'-(2''-FLUOROETHOXY)ETHOXY)ETHANOL * 2-FLUORO-2'-(2''-HYDROXYETHOXY)DIETHYL ETHER

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:30 mg/kg 30ZFAF -,140,59

KL1750000 ETHANOL, 2-FLUORO-, NITRITE
UPDT:8303 CAS: 10288-18-3 MW: 93.07 MOLFM: C2-H4-F-N-O2
SYN: 2-FLUOROETHANOL NITRITE * NITROUS ACID, 2-FLUOROETHYL ESTER * TL 856

TOXICITY DATA AND REFERENCES:
ihl-gpg LCLo:100 mg/m3/10M NDRC** No.9-4-1-9,43

KL1925000 ETHANOL, 2-FLUCRO-, PHOSPHITE (3:1)
UPDT:8303 CAS: 63980-61-0 MW: 220.15 MOLFM: C6-H12-F3-O3-P
SYN: 2-FLUOROETHANOL PHOSPHITE (3:1) * PHOSPHOROUS ACID, TRIS(2-FLUOROETHYL ESTER) * TL 833

TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:500 mg/m3/10M NDRC** No.9-4-1-9,43
ihl-mus LCLo:1000 mg/m3/10M NDRC** No.9-4-1-9,43
ihl-dog LCLo:100 mg/m3/10M NDRC** No.9-4-1-9,43
ihl-cat LCLo:100 mg/m3/10M NDRC** No.9-4-1-9,43
ihl-rbt LCLo:150 mg/m3/10M NDRC** No.9-4-1-9,43
ihl-gpg LCLo:100 mg/m3/10M NDRC** No.9-4-1-9,43

KL2275000 ETHANOL, 2-(2,4-HEXADIENYLOXY)-
UPDT:8307 CAS: 27310-21-0 MW: 142.22 MOLFM: C8-H14-O2
SYN: ETHYLENE GLYCOL, MONO-2,4-HEXADIENE ETHER * 2-(2,4-HEXADIENYLOXY)ETHANOL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3360 mg/kg TXAPA9 26,313,74
* skn-rbt LD50:1010 mg/kg TXAPA9 28,313,74

KL2625000 ETHANOL, 2-((2-HEXYLOXY)ETHOXY)-
UPDT:8407 CAS: 112-59-4 MW: 190.32 MOLFM: C10-H22-O3
SYN: DIETHYLENE GLYCOL n-HEXYL ETHER * DIETHYLENE GLYCOL MONOHEXYL ETHER * 3,6-DIOXADODECANOL-1 * n-HEXOXYETHOXYETHANOL * HEXYL CARBITOL * n-HEXYL CARBITOL * 2-((2-HEXYLOXY)ETHOXY)ETHANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
skn-rbt 500 mg/24H SEV JPETAB 87,377,44

BEST COPY AVAILABLE

skn-rbt 500 mg open MLD UCDS** 11/3/71
eye-rbt 5 mg MOD UCDS** 11/3/71

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4920 mg/kg AMIHBC 4,119,51
skn-rbt LD50:1500 mg/kg AMIHBC 4,119,51

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KL2800000 ETHANOL, 2-HYDRAZINO-
UPDT:8406 CAS: 109-84-2 MW: 76.12 MOLFM: C2-H8-N2-O
SYN: BOH * 2-HYDRAZINOETHANOL * HYDROXYETHYL HYDRAZINE * beta-HYDROXYETHYLHYDRAZINE * N-(2-HYDROXYETHYL)HYDRAZINE

MUTATION DATA AND REFERENCES:
mma-sat 1100 ug/plate PNASA6 72,5135,75
mmo-esc 1 pph MUREAV 40,19,76
mma-esc 500 ug/plate MUREAV 116,185,83
mrc-bcs 5 pph/24H MUREAV 40,19,76
dni-mus-orl 200 mg/kg MUREAV 46,305,77
cyt-ham:lng 200 umol/L MUREAV 78,177,80
sce-ham:lng 100 umol/L MUREAV 78,177,80

TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-mus TDLo:572 mg/kg/78W-I-C JNCIAM 42,1101,69

TOXICITY DATA AND REFERENCES:
° orl-mus LD50:139 mg/kg OYYAA2 2,76,68

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL2850000 ETHANOL, 2,2'-HYDRAZONOBIS-
UPDT:8401 CAS: 13529-51-6 MW: 120.18 MOLFM: C4-H12-N2-O2
SYN: DEH * 1,1-DIETHANOLHYDRAZINE * HYDRAZINE, 1,1-BIS(2-HYDROXYETHYL) * 2,2'-HYDRAZONODIETHANOL * HYDRAZINE, 1,1-DIETHANOL

TUMORIGENIC DATA AND REFERENCES:
3V03N61P62 scu-ham TDLo:742 mg/kg CALEDQ 4,55,77

TOXICITY DATA AND REFERENCES:
scu-ham LD50:70 mg/kg CALEDQ 4,55,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHANOL, 2,2'-((4-((2-HYDROXYETHYL)AMINO)-3-NITROPHENYL)IMINO)BIS- (9CI) see: KL2880000

KL2880000 ETHANOL, 2,2'-((4-((2-HYDROXYETHYL)AMINO)-3-NITROPHENYL)IMINO)DI-
UPDT:8412 CAS: 32°29-34-4 MW: 285.34 MOLFM: C12-H19-N3-O5
SYN: ETHANOL, 2,2'-((4-((2-HYDROXYETHYL)AMINO)-3-NITROPHENYL)IMINO)BIS- (9CI) * HC BLUE NO. 2 * NCI-C54897 * 3-NITRO-N(sup 1),N(sup 4)-TRIS(2-HYDROXYETHYL)- * p-PHENYLENEDIAMINE, 3-NITRO-N(sup 1),N(sup 1),N(sup 4)-TRIS(2-HYDROXYETHYL)-

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984

ETHANOL, 2,2'-((3-((2-HYDROXYETHYL)OCTADECYLAMINO)PROPYL)IMINO)BIS-, DIHYDROFLUORIDE see: KL2895000

KL2895000 ETHANOL, 2,2'-((3-(N-(2-HYDROXYETHYL)-N-OCTADECYLAMINO)PROPYL)IMINO)DI-, DIHYDROFLUORIDE
UPDT:8312 CAS: 6818-37-7 MW: 498.89 MOLFM: C27-H58-N2-O3-2F-H
SYN: BIS-HYDROXYAETHYLAMINOPROPYL-HYDROXYAETHYL-OCTADECYLAMINDIHYDROFLUORID (German) * C-27 AMINE FLUORIDE * ETHANOL, 2,2'-((3-((2-HYDROXYETHYL)OCTADECYLAMINO)PROPYL)IMINO)BIS-, DIHYDROFLUORIDE * GA 297 * OLAFLUR * SKF 38095J2

MUTATION DATA AND REFERENCES:
mma-sat 100 nmol/plate MUREAV 90,91,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-mus TDLo:400 mg/kg (9D preg) DZZEA7 32,861,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL2975000 ETHANOL, 2,2'-IMINODI-
UPDT:8412 CAS: 111-42-2 MW: 105.16 MOLFM: C4-H11-N-O2
SYN: BIS(2-HYDROXYETHYL)AMINE * DEA * DIAETHANOLAM:N (German) * DIETHANOLAMIN (Czech) * DIETHANOLAMINE * DIETHYLAMINE, 2,2'-DIHYDROXY- * DIETYLOLAMINE * 2,2'-DIHYDROXYDIETHYLAMINE * DI(2-HYDROXYETHYL)AMINE * DIOLAMINE * 2,2'-IMINOBISETHANOL * 2,2'-IMINODIETHANOL * NCI-C55174

IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg open MLD UCDS** 12/29/71
skn-rbt 500 mg/24H MLD 28ZPAK -,109,72
eye-rbt 5500 mg SEV AJOPAA 29,1363,46
eye-rbt 750 ug/24H SEV 28ZPAK -,109,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:710 mg/kg TXAPA9 17,498,70
ipr-rat LD50:2300 mg/kg NPIRI* 1,24,74
ipr-mus LD50:2300 mg/kg TXAPA9 22,175,72
scu-mus LD50:3553 mg/kg ARZNAD 4,649,54
° orl-gpg LD50:2 gm/kg DTLVS* 4,140,80

REVIEW AND REFERENCES:
★ TLV-TWA 3 ppm DTLVS* 4,140,80

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

ETHANOL 2,2-IMINODI-, compd. with 2-((4-CHLORO-o-TOLYL)OXY)PROPION.C ACID (1:1) see: UF0175000

ETHANOL, 2,2'-IMINODI-, compd. with 1,2-DIHYDRO-3,6-PYRIDAZINEDIONE (1:1) see: UR6000000

ETHANOL, 2,2'-IMINODI-, 3,5-DIIODO-4-OXO-1(4H)-PYRIDINEACETATE (salt) see: UR8750000

ETHANOL, 2,2'-IMINODI-, compd. with 3,5-DIIODO-4-OXO-1(4H)-PYRIDINEACETIC ACID (1:1) see: UR8750000

KL3250000 ETHANOL, 2,2'-IMINODI-, DINITRATE (ester), NITRATE
UPDT:8308 MW: 258.18 MOLFM: C4-H9-N3-O6 Fl-N-O3
SYN: DI-(beta-NITROXYETHYL)AMMONIUM NITRATE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN CFRGBR 49,172.101,82

KL3695000 ETHANOL, 2-(1-(1-INDOLYL)ETHOXY)-
UPDT:8303 MW: 205.28 MOLFM: C12-H15-N-O2
SYN: N-(alpha-(beta-HYDROXYETHOXY)ETHYL)INDOLE * 2-(1-(1-INDOLYL)ETHOXY)ETHANOL

TOXICITY DATA AND REFERENCES:
3F05F17F23 ipr-mus LD50:1854 mg/kg PCJOAU 9,562,76

KL3770000 ETHANOL, 1-(3-INDOLYL)-2-METHYLAMINO-, (±)-
UPDT:8303 CAS: 25417-68-1 MW: 190.2- MOLFM: C11-H14-N2-O
SYN: 1-(INDOLYL 3)-2-METHYLAMINOETHANOL racemate * (±)-1-(3-INDOLYL)-2-METHYLAMINOETHANOL

TOXICITY DATA AND REFERENCES:
orl-mus LD50:1700 mg/kg RPTOAN 35,109,72
ipr-mus LD50:144 mg/kg RPTOAN 35,109,72
scu-mus LD50:265 mg/kg RPTOAN 35,109,72
ivn-mus LD50:96 mg/kg RPTOAN 35,109,72

KL3820000 ETHANOL, 2-IODO-
UPDT:8401 CAS: 624-76-0 MW: 171.97 MOLFM: C2-H5-I-O
SYN: ETHYLENE IODOHYDRIN * IODOETHANOL * 2-IODOETHANOL

MUTATION DATA AND REFERENCES:
mma-sat 2 umol/plate MUREAV 26,367,74
dnr-esc 1 umol/L EVHPAZ 21,79,77
mmo-klp 13 mmol/L EXPEAM 25,85,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

KL3850000 ETHANOL, 2-ISOBUTOXY-
UPDT:8303 CAS: 4439-24-1 MW: 118.20 MOLFM: C6-H14-O2
SYN: EKTASOLVE EIB * ETHYLENE GLYCOL MONOISOBUTYL ETHER * 2-ISOBUTOXYETHANOL * ISOBUTYL CELLOSOLVE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 3/4/69

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:400 mg/kg KODAK* 21MAY71
ihl-rat LCLo:1000 ppm/4H UCDS** 3/4/69
skn-rbt LD50:710 mg/kg UCDS** 3/4/69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL4025000 ETHANOL, 2-(2-ISOBUTOXYETHOXY)-
UPDT:8307 CAS: 18912-80-6 MW: 162.26 MOLFM: C8-H18-O3
SYN: DIETHYLENE GLYCOL MONOISOBUTYL ETHER * EKTASOLVE DIB * ISOBUTOXY 2-ETHOXY 2-ETHANOL * 2-(2-ISOBUTOXYETHOXY)ETHANOL

TOXICITY DATA AND REFERENCES:
° orl-rat LD50:4920 mg/kg TXAPA9 28,313,74
ihl-rat LCLo:6700 ppm/6H KODAK* 21MAY71
° skn-rbt LD50:3560 mg/kg TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KL4374900 ETHANOL, 2-(ISOBUTYLAMINO)-, m-AMINOBENZOATE (ester), MONOHYDROCHLORIDE
UPDT:8303 CAS: 553-56-2 MW: 272.81 MOLFM: C13-H20-N2-O2-Cl-H
SYN: ETHANOL, 2-((2-METHYLPROPYL)AMINO)-, 3-AMINOBENZOATE (ester), MONOHYDROCHLORIDE (9CI) * 2-(ISOBUTYLAMINO)ETHANOL m-AMINOBENZOATE HYDROCHLORIDE * METABUTETHAMINE HYDROCHLORIDE * UNACAINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J26 ipr-mus LD50:245 mg/kg AIPTAK 115,483,58

KL4375000 ETHANOL, 2-(ISOBUTYLAMINO)-, p-AMINOBENZOATE (ESTER), MONOHYDROCHLORIDE
UPDT:8303 CAS: 553-68-4 MW: 272.81 MOLFM: C13-H20-N2-O2-Cl-H
SYN: p-AMINOBENZOIC ACID ESTER of 2-ISOBUTYLAMINOETHANOL HYDROCHLORIC ACID SALT * BUTETHAMINE HYDROCHLORIDE * IBTILCAINE HYDROCHLORIDE * 2-ISOBUTYLAMINOETHANOL HYDROCHLORIC ACID SALT, p-AMINOBENZOIC ACID ESTER * 2-(ISOBUTYLAMINO)ETHYL p-AMINOBENZOATE HYDROCHLORIDE * MONOCAINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:182 mg/kg ANESAV 3,398,42
ivn-rat LD50:28 mg/kg ANESAV 3,398,42
3F12F13J26 ipr-mus LD50:169 mg/kg AIPTAK 115,483,58
scu-mus LD50:449 mg/kg ANESAV 3,398,42
3F12F13J28 ivn-mus LD50:36 mg/kg AIPTAK 115,483,58
ivn-rbt LDLo:30 mg/kg JPETAB 62,69,38
scu-gpg LDLo:215 mg/kg JPETAB 62,69,38

KL4550000 ETHANOL, 2-((1-ISOBUTYL-3,5-DIMETHYLHEXYL)OXY)-
UPDT:8303 CAS: 10137-98-1 MW: 230.44 MOLFM: C14-H30-O2
SYN: ETHYLENEGLYCOLMONO-2,6,8 TRIMETHYL 4-NONYL ETHER * 2-((1-ISOBUTYL-3,5-DIMETHYLHEXYL)OXY)ETHANOL

IRRITATION DATA ANL REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5360 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:3150 mg/kg AIHAAP 23,95,62

KL4725000 ETHANOL, 2-(2-(1-ISOBUTYL-3-METHYLBUTOXY)ETHOXY)-
UPDT:8407 CAS: 63900-62-1 MW: 232.41 MOLFM: C13-H28-O3
SYN: 2-(2-(1-ISOBUTYL-3-METHYLBUTOXY)ETHOXY)ETHANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 20 mg open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
° orl-rat LD50:8680 mg/kg AMIHBC 10,61,54
° skn-rbt LD50:3000 mg/kg AMIHBC 10,61,54

ETHANOL, 2-ISOCYANATO-, CARBONATE (2:1) (ester) (9CI) see: FF8575000

KL4900000 ETHANOL, ISOPROPOXY-
UPDT:8303 CAS: 63992-09-6 MW: 104.17 MOLFM: C5-H12-O2
SYN: ISOPROPOXYETHANOL

TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg 14CYAT 2,1524,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL5075000 ETHANOL, 2-ISOPROPOXY-
UPDT:8408 CAS: 109-59-1 MW: 104.17 MOLFM: C5-H12-O2
SYN: DOWANOL EIPAT * ETHYLENE GLYCOL ISOPROPYL ETHER * ETHYLENE GLYCOL MONOISOPROPYL ETHER * 2-ISOPROPOXYETHANOL * beta-HYDROXYETHYL ISOPROPYL ETHER * ISOPROPYL CELLOSOLVE * ISOPROPYL GLYCOL * MONOISOPROPYL ETHER of ETHYLENE GLYCOL

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5660 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:4000 ppm/4H AIHAAP 30,470,69
° ipr-rat LD50:800 mg/kg 85GMAT -,67,82
° orl-mus LD50:4900 mg/kg 85GMAT -,67,82
3F29J22M14 ihl-mus LC50:1930 ppm/7H JIHTAB 25,157,43
° ipr-mus LD50:1860 mg/kg 85GMAT -,67,82
skn-rbt LD50:1600 mg/kg AIHAAP 30,470,69

REVIEW AND REFERENCES:
★ TLV-TWA 25 ppm; STEL 75 ppm (skin) DTLVS* 4,237,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHANOLISOPROPYLAMINE see: KL5080000

KL5080000 ETHANOL, 2-(ISOPROPYLAMINO)-
UPDT:8401 CAS: 109-56-8 MW: 103.19 MOLFM: C5-H13-N-O
SYN: ETHANOLISOPROPYLAMINE * ETHANOL, 2-((1-METHYLETHYL)AMINO)- (9CI) * (N-HYDROXYETHYL)ISOPROPYLAMINE * ISOPROPYLAMINOETHANOL * N-ISOPROPYLAMINOETHANOL * 2-ISOPROPYLAMINOETHANOL * N-ISOPROPYLETHANOLAMINE * MONOISOPROPYLAMINOETHANOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:50 mg/kg (5D preg) JRPFA4 35,625,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL5090000 ETHANOL, 2-(ISOPROPYLAMINO)-, HYDROCHLORIDE
UPDT:8402 MW: 139.65 MOLFM: C5-H13-N-O Cl-H
SYN: ISOPROPYLAMINO ETHANOL HYDROCHLORIDE * 2-(ISOPROPYLAMINO)ETHANOL HYDROCHLORIDE * PAE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:150 mg/kg (3D preg) TIYADG 9,553,81

BEST COPY AVAILABLE

1T22	ipr-rat TDLo:250 mg/kg (3D preg)	TIYADG 9,553,81
1T22	orl-mus TDLo:200 mg/kg (3D preg)	TIYADG 9,553,81
1T22	ipr-mus TDLo:120 mg/kg (3D preg)	TIYADG 9,553,81
1T29	ipr-mus TDLo:40 mg/kg (3D preg)	JRPFA4 42,319,75
1T25	ipr-mus TDLo:20 mg/kg (3D preg)	JRPFA4 42,319,75
1T22	scu-mus TDLo:200 mg/kg (3D preg)	TIYADG 9,553,81

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:434 mg/kg	TIYADG 9,553,81
*	ipr-mus LD50:442 mg/kg	TIYADG 9,553,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL5290000 ETHANOL, 2-(ISOPROPYLAMINO)-1-(p-NITROPHENYL)-, HYDROCHLORIDE
UPDT:8303 CAS: 74-10-2 MW: 260.75 MOLFM: C11-H16-N2-O3 Cl-H
SYN: 2-(ISOPROPYLAMINO)-1-(p-NITROPHENYL)ETHANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:207 mg/kg	RPTOAN 35,10,72

KL5600000 ETHANOL, 2-MERCAPTO-
UPDT:8411 CAS: 60-24-2 MW: 78.14 MOLFM: C2-H6-O-S
SYN: EMERY 3791 * 1-ETHANOL-2-THIOL * ETHYLENE GLYCOL MONOTHIO- * 2-HYDROXY-1-ETHANETHIOL * 2-HYDROXYETHYL MERCAPTAN * 2-ME * MERCAPTOETHANOL * beta-MERCAPTOETHANOL * 2-MERCAPTOETHANOL * MONOTHIOETHYLE-EGLYCOL * 2-THIOETHANOL * THIOGLYCOL * THIOGLYCOL (DOT) * THIOMONOGLYCOL * USAF EK-4196 * UN 2966 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open	JIHTAB 26,269,44
	eye-rbt 2280 mg SEV	AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:

	dnd-ehi 10 mmol/L	BBRCA9 77,1150,77
	cyt-hmn:leu 100 uL/L	HUMAA7 4,140,67
	dni-rat:hvr 1 mmol/L	ABBIA4 166,400,75
	mnt-mus:ath 100 mg/L	JNCIAM 56,357,76
	dns-mus:ath 30 mmol/L	BBACAQ 425,1,76

TOXICITY DATA AND REFERENCES:

3F13F23J25	orl-rat LD50:244 mg/kg	GTPZAB 15(2),56,71
3F13F23J25	orl-mus LD50:190 mg/kg	GTPZAB 15(2),56,71
1J25	ihl-mus LC50:13200 mg/m3/15M	GTPZAB 15(2),56,71
	ipr-mus LD50:200 mg/kg	NTIS** AD277-689
	ivn-mus LD50:480 mg/kg	JPMSAE 62,237,73
	skn-rbt LD50:150 mg/kg	UCDS** 3/23/73
	skn-gpg LD50:300 mg/kg	JIHTAB 26,269,44

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANOL;MERCURY BROMIDE see: OV7425000

KL5775000 ETHANOL, 2-METHOXY-
UPDT:8411 CAS: 109-86-4 MW: 76.11 MOLFM: C3-H8-O2
SYN: AETHYLENGLYKOL-MONOMETHYLAETHER (German) * DOWANOL EM * EGM * EGME * ETHER MONOMETHYLIQUE DE L'ETHYLENE-GLYCOL (French) * ETHYLENE GLYCOL METHYL ETHER * ETHYLENE GLYCOL MONOMETHYL ETHER * ETHYLENE GLYCOL MONOMETHYL ETHER (DOT) * GLYCOL ETHER EM * GLYCOLMETHYL ETHER * GLYCOL MONOMETHYL ETHER * JEFFERSOL EM * MECS * 2-METHOXY-AETHANOL (German) * 2-METHOXYETHANOL * METHOXYHYDROXYETHANE * METHYL CELLOSOLVE * METHYL CELLOSOLVE (DOT) * METHYL ETHOXOL * METHYL GLYCOL * METHYLGLYKOL (German) * METHYL CH^{3}OL * METIL CELLOSOLVE (Italian) * METOKSYETYLOWY ALKOHOL (Polish) * 2-METOSSIETANOLO (Italian) * MONOMETHYL ETHER of ETHYLENE GLYCOL * POLY-SOLV EM * PRIST * UN 1188 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 483 mg/24H MLD	TXAPA9 19,276,71
	eye-rbt 97 mg	TXAPA9 19,276,71
	eye-gpg 10 ug MLD	JPPMAB 11,150,59

MUTATION DATA AND REFERENCES:

	dlt-rat-orl 500 mg/kg	ENMUDM 6,390,84
	spm-rat-orl 500 mg/kg	ENMUDM 6,390,84
	spm-mus-orl 500 mg/kg	ENMUDM 6,390,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T23	orl-rat TDLo:500 mg/kg (5D male)	TOXID9 4,136,84
1T01	orl-rat TDLo:250 mg/kg (1D male)	TOXID9 4,135,84
1T02	orl-rat TDLo:100 mg/kg (1D male)	TXAPA9 69,385,83
1T03	orl-rat TDLo:400 mg/kg (4D male)	TXAPA9 69,385,83
1T85	ihl-rat TCLo:25 ppm/7H (7-13D preg)	TJADAB 27,65A,83
1T02	ihl-rat TCLo:30 ppm/6H (65D male)	FAATDF 3,49,83
3T16T22T72	ihl-rat TCLo:100 ppm/6H (6-17D preg)	TXAPA9 69,43,83
2T75T81	ihl-rat TCLo:100 ppm/6H (6-17D preg)	TXAPA9 69,43,83
1T25	ihl-rat TCLo:10 ppm/6H (13W male)	FAATDF 3,80,83
1T83	ihl-rat TCLo:25 ppm/7H (42D male)	TJADAB 27,65A,63
2T46T47	ipr-rat TDLo:330 mg/kg (12D preg)	TJADAB 29(2),54A,84
3T26T35T41	orl-mus TDLo:2 gm/kg (7-14D preg)	TXCYAC 20,335,81
1T46	orl-mus TDLo:250 mg/kg (7-14D preg)	TXCYAC 20,335,81
1T34	orl-mus TDLo:1 gm/kg (7-14D preg)	TXCYAC 20,335,81
1T02	orl-mus TDLo:6250 mg/kg (25D male)	SAIGBL 21,29,79
1T02	ihl-mus TCLo:1000 ppm/6H (11D male)	TXAPA9 61,368,81
1T01	ihl-mus TCLo:500 ppm/7H (5D male)	TXAPA9 70,303,83
1T02	ihl-rbt TCLo:300 ppm/6H (65D male)	FAATDF 3,49,83
1T02	skn-gpg TDLo:65 gm/kg (65D male)	TOXID9 4,184,84

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:3380 mg/kg	JIHTAB 28,267,46
3F11F12F17	ihl-hmn TCLo:25 ppm	JIHTAB 20,134,38
	orl-rat LD50:2460 mg/kg	JIHTAB 23,259,41
	ihl-rat LCLo:2000 ppm/4H	JIHTAB 31,343,49
	ipr-rat LDLo:1200 mg/kg	JPPMAB 11,150,59
1P23	ivn-rat LD50:2140 mg/kg	AMIHAB 14,114,56
3F29J22M14	ihl-mus LC50:1480 ppm/7H	JIHTAB 25,157,43
3M04P27P30	ipr-mus LD50:2147 mg/kg	FEPRA7 6,342,47
2F01P23	orl-rbt LD50:890 mg/kg	AMIHAB 14,114,56
	skn-rbt LD50:1280 mg/kg	NPIRI* 1,57,74
	orl-gpg LD50:950 mg/kg	JIHTAB 23,259,41

REVIEW AND REFERENCES:

★ TLV-TWA 5 ppm (skin)	DTLWS* 4,259,82

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 25 ppm (skin) (SCP-F)	FERCAC 39,23540,74
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE	CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1403
★ NIOSH CURRENT INTELLIGENCE BULLETIN, #39
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0281-0384
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL5950000 ETHANOL, 2-METHOXY-, ACETATE
UPDT:8404 CAS: 110-49-6 MW: 118.15 MOLFM: C5-H10-O3
SYN: ACETATE DE L'ETHER MONOMETHYLIQUE DE L'ETHYLENE GLYCOL (French) * ACETATE DE METHYLE GLYCOL (French) * ACETATO DI METIL CELLOSOLVE (Italian) * AETHYLENGLYKOLMETHYLAETHERACETAT (German) * ETHYLENE GLYCOL METHYL ETHER ACETATE * ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE * ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE (DOT) * GLYCOL ETHER EM ACETATE * GLYCOL MONOMETHYL ETHER ACETATE * MeCs4c * 2-METHOXYAETHYLACETAT (German) * 2-METHOXYETHANOL ACETATE * 2-METHOXY-ETHYL ACETAAT (Dutch) * 2-METHOXYETHYL ACETATE * 2-METHOXYETHYLE ACETATE DE (French) * METHYL CELLOSOLVE ACETAAT (Dutch) * METHYL CELLOSOLVE ACETATE * METHYL CELLOSOLVE ACETATE (DOT) * METHYLGLYKOLACETAT (German) * METHYL GLYCOL ACETATE * METHYL GLYCOL MONOACETATE * 2-METOSSIETILACETATO (Italian) * UN 1189 (DOT)

IRRITATION DATA AND REFERENCES:

	eye-rbt 218 mg MLD	UCDS** 3/20/73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-mus TDLo:12500 mg/kg (25D male)	SAIGBL 21,29,79
1T03	orl-mus TDLo:50 gm/kg (25D male)	SAIGBL 21,29,79

TOXICITY DATA AND REFERENCES:

3D17J21J30	ihl-hmn TCLo:1000 mg/m3	AGGHAR 5,1,33
*	orl-rat LD50:3390 mg/kg	JIHTAB 30,63,48
	ihl-rat LCLo:7000 ppm/4H	JIHTAB 30,63,48
	ipr-rat LDLo:1200 mg/kg	JPPMAB 11,150,59
	ihl-cat LCLo:6000 mg/m3/420M	AGGHAR 5,1,33
	scu-cat LDLo:3000 mg/kg	AGGHAR 5,1,33
	skn-rbt LD50:5250 mg/kg	UCDS** 3/20/73
	orl-gpg LD50:1250 mg/kg	JIHTAB 23,259,41
	scu-gpg LDLo:3000 mg/kg	AGGHAR 5,1,33

REVIEW AND REFERENCES:

★ TLV-TWA 5 ppm (skin)	DTLWS* 4,264,82

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 25 ppm (skin) (SCP-D)	FERCAC 39,23540,74
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE	CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S39
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL6100000 ETHANOL, 2-METHOXY-, CARBAMATE
UPDT:8305 CAS: 1616-88-2 MW: 119.14 MOLFM: C4-H9-N-O3
SYN: CARBAMIC ACID, 2-METHOXYETHYL ESTER * 2-METHOXYETHYL CARBAMATE * N-METHOXYURETHANE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg open MLD	UCDS** 5/19/66

TUMORIGENIC DATA AND REFERENCES:

2V03J60	ipr-mus TDLo:6600 mg/kg/10W-I	IJCNAW 4,318,69
2V03J60	ipr-mus TD:3300 mg/kg/5W-I	IJCNAW 4,318,69

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:11 gm/kg	UCDS** 5/19/66

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL6125000 ETHANOL, 2-(2-METHOXYETHOXY)-
UPDT:8406 CAS: 111-77-3 MW: 120.17 MOLFM: C5-H12-O3
SYN: DIETHYLENE GLYCOL MONOETHYL ETHER * DIETHYLENE GLYCOL MONOMETHYL ETHER * DIGLYCOL MONOMETHYL ETHER * DOWANOL DM * ETHYLENE DIGLYCOL MONOMETHYL ETHER * MECB * METHOXYDIGLYCOL * 2-(2-METHOXYETHOXY)ETHANOL * beta-METHOXY-beta'-HYDROXYDIETHYL ETHER * METHYL CARBITOL * POLY-SOLV DM

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg MOD	UCDS** 4/21/67

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:9210 mg/kg	UCDS** 4/21/67
	ipr-rat LDLo:3000 mg/kg	JPPMAB 11,150,59
	skn-rbt LD50:650 mg/kg	UCDS** 4/21/67
	orl-gpg LD50:4160 mg/kg	JIHTAB 23,259,41

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL6300000 ETHANOL, 2-(2-METHOXYETHOXY)-, ACETATE
UPDT:8303 CAS: 629-38-9 MW: 162.21 MOLFM: C7-H14-O4
SYN: DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE * 2-(2-METHOXYETHOXY)ETHANOL ACETATE * METHYL CARBITOL ACETATE

IRRITATION DATA AND REFERENCES:

	eye-rbt 20 mg	AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:

	orl-gpg LD50:3460 mg/kg	JIHTAB 23,259,41

KL6390000 ETHANOL, 2-(2-(2-METHOXYETHOXY)ETHOXY)-
UPDT:8305 CAS: 112-35-6 MW: 164.23 MOLFM: C7-H16-O4
SYN: DOWANOL TM AT * 2-(2-(2-METHOXYETHOXY)ETHOXY)ETHANOL * METHOXYTRIGLYCOL * POLY-SOLV TM * TRIETHYLENE GLYCOLMONOMETHYL ETHER * TRIGLYCOL MONOMETHYL ETHER

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:11300 mg/kg	AIHAAP 23,95,62
1R10	skn-rbt LD50:7100 mg/kg	AIHAAP 23,95,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ETHANOL, 2-(2-(2-METHOXYETHOXY)ETHOXY)-, ACETATE (BCI,9CI) see: AI8800000

KL6420000 ETHANOL, 2-(METHOXYETHYLTHIO)-
UPDT:8307 CAS: 2576-33-6 MW: 136.23 MOLFM: C5-H12-O2-S
SYN: 2-(METHOXYETHYLTHIO)ETHANOL

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:13 gm/kg	AIHAAP 30,470,69
*	skn-rbt LD50:5040 mg/kg	AIHAAP 30,470,69

KL6475000 ETHANOL, 2-(METHOXYMETHOXY)-
UPDT:8407 CAS: 4484-61-1 MW: 106.14 MOLFM: C4-H10-O3
SYN: METHANE, (2-HYDROXYETHOXY)METHOXY- * 2-(METHOXYMETHOXY)ETHANOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AMIHBC 10,61,54
	eye-rbt 500 mg open	AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:6500 mg/kg	AMIHBC 10,61,54
*	skn-rbt LD50:4230 mg/kg	AMIHBC 10,61,54

KL6520000 ETHANOL, 2-((4-METHOXY-2-NITROPHENYL)AMINO)-
UPDT:8408 CAS: 57524-53-5 MW: 212.23 MOLFM: C9-H12-N2-O4
SYN: 4-N,beta-HYDROXYETHYL-AMINO-3-NITROANISOLE * 2-((4-METHOXY-2-NITROPHENYL)AMINO)ETHANOL

MUTATION DATA AND REFERENCES:

	mma-sat 5 ug/plate	CMMUAO 8,151,83

KL6530000 ETHANOL, 2-(((2-METHOXY-5-NITROPHENYL)METHYL)AMINO)-
UPDT:8408 CAS: 61361-61-3 MW: 226.26 MOLFM: C10-H14-N2-O4
SYN: N-(2-HYDROXYETHYL)AMINOMETHYL-4-METHOXYNITROBENZENE * 2-((2-METHOXY-5-NITROPHENYL)METHYL)AMINO)ETHANOL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:30 mg/kg	IJMRAQ 66,987,77

BEST COPY AVAILABLE

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KL6567000 ETHANOL, 2-(alpha-(p-METHOXYPHENYL)PHENETHYLAMINO)-, HYDROCHLORIDE
UPDT:8410 MW: 307.85 MOLFM: C17-H21-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:111 mg/kg JAPMAB 39,354,50
KL6569400 ETHANOL, 2-METHOXY-, PHOSPHATE (3:1)
UPDT:8308 MW: 272.27 MOLFM: C9-H21-O7-P
SYN: 2-METHOXYETHANOL PHOSPHATE (3:1) * TRI(2-METHOXYETHANOL)PHOSPHATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:17200 mg/kg TXAPA9 28,313,74
KL6650000 ETHANOL, 2-(METHYLAMINO)-
UPDT:8407 CAS: 109-83-1 MW: 75.13 MOLFM: C3-H9-N-O
SYN: beta-(METHYLAMINO)ETHANOL * N-METHYLAMINOETHANOL * 2-METHYLAMINOETHANOL * METHYLETHANOLAMINE * N-METHYLETHANOLAMINE * METHYLETHYLOLAMINE * METHYL(beta-HYDROXYETHYL)AMINE * MONOMETHYL AMINOAETHANOL (German) * MONOMETHYLAMINOETHANOL * N-MONOMETHYLAMINOETHANOL * USAF DO-50
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
skn-rbt 470 mg open MLD UCDS** 1/20/72
eye-rbt 250 ug open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2340 mg/kg AMIHBC 10,61,54
ipr-rat LD50:1330 mg/kg TXAPA9 12,486,68
ipr-mus LD50:250 mg/kg NTIS** AD691-490
scu-mus LD50:1802 mg/kg AEPPAE 225,428,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
KL6720000 ETHANOL, 2-(METHYL(alpha-METHYLPHENETHYL)AMINO)-, ACETATE, HYDROCHLORIDE
UPDT:8405 MW: 271.82 MOLFM: C14-H21-N-O2 Cl-H
SYN: 2-(METHYL(alpha-METHYLPHENETHYL)AMINO)ETHANOL ACETATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:149 mg/kg JAPMAB 40,47,51
KL6900000 ETHANOL, 2,2'-((4-(METHYLAMINO)-3-NITROPHENYL)IMINO)DI-
UPDT:8306 MW: 255.31 MOLFM: C11-H17-N3-O4
SYN: N-METHYL-AMINO-2-NITRO-4-N',N'-BIS-(2-HYDROXYETHYL)-AMINOBENZENE * 2,2'-((4-(METHYLAMINO)-3-NITROPHENYL)IMINO)DIETHANOL
MUTATION DATA AND REFERENCES:
sce-ham-ovr 200 mg/L MUREAV 116,169,83
KL7175000 ETHANOL, 2-(N-METHYLANILINO)-
UPDT:8407 CAS: 93-90-3 MW: 151.23 MOLFM: C9-H13-N-O
SYN: 2-(N-METHYLANILINO)ETHANOL * N-METHYL-N-HYDROXYETHYLANILINE * N-METHYL-N-beta-HYDROXYETHYLANILINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 250 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2830 mg/kg AMIHBC 4,119,51
skn-rbt LD50:3250 mg/kg AMIHBC 4,119,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1982
KL7350000 ETHANOL, ((alpha-METHYLBENZYL)AMINO)-
UPDT:8303 CAS: 1331-41-5 MW: 165.26 MOLFM: C10-H15-N-O
SYN: N-HYDROXYETHYL-alpha-METHYLBENZYLAMINE * (alpha-METHYLBENZYL)AMINO)ETHANOL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2830 mg/kg AMIHBC 4,119,51
skn-rbt LD50:1540 mg/kg AMIHBC 4,119,51
KL7366000 ETHANOL, 2-((1-METHYL-2,2-DIPHENYLETHYL)AMINO)-, MALEATE
UPDT:8308 CAS: 51729-66-9 MW: 371.47 MOLFM: C17-H21-N-O · C4-H4-O4
SYN: 1,1-DIPHENYL-2-(N-(beta-HYDROXYAETHYL)AMINO)-PROPAN-MALEINAT (German) * DPA 300 * 2-((1-METHYL-2,2-DIPHENYLETHYL)AMINO)ETHANOL MALEATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:190 mg/kg PHARAT 28,677,73
KL7366600 ETHANOL, 2-((1-METHYL-2,2-DIPHENYLETHYL)AMINO)-, MONOHYDROCHLORIDE
UPDT:8308 CAS: 23364-28-5 MW: 291.85 MOLFM: C17-H21-N-O · Cl-H
SYN: 1,1-DIPHENYL-2-(N-beta-HYDROXYAETHYLAMINO)PROPANHYDROCHLORID (German) * DPA 307 * 2-((1-METHYL-2,2-DIPHENYLETHYL)AMINO)ETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:110 mg/kg PHARAT 28,677,73
ETHANOL, 2-((1-METHYLETHYL)AMINO)- (9CI) see: KL5080000
KL7372000 ETHANOL, 2-((1-METHYLHEPTADECYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 56167-13-6 MW: 350.10 MOLFM: C20-H43-N-O · Cl-H
SYN: 2-((1-METHYLHEPTADECYL)AMINO)ETHANOL HYDROCHLORIDE * N-MONO(beta-HYDROXYETHYL)-2-AMINOOCTADECANE HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 1% MLD OYYAA2 8,1727,74
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1900 mg/kg OYYAA2 8,1727,74
KL7373000 ETHANOL, 2,2'-((1-METHYLHEPTADECYL)IMINO)BIS-, HYDROCHLORIDE
UPDT:8408 CAS: 56167-14-7 MW: 394.16 MOLFM: C37-H47-N-O2 · Cl-H
SYN: N,N-BIS(beta-HYDROXYETHYL)-2-AMINOOCTADECANE HYDROCHLORIDE * 2,2'-((1-METHYLHEPTADECYL)IMINO)BISETHANOL HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 1% MLD OYYAA2 8,1727,74
TOXICITY DATA AND REFERENCES:
3F19X12U01 orl-mus LD50:1820 mg/kg OYYAA2 8,1727,74
KL7374000 ETHANOL, 2-((1-METHYLPENTADECYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 56167-08-9 MW: 322.04 MOLFM: C18-H39-N-O · Cl-H
SYN: 2-((1-METHYLPENTADECYL)AMINO)ETHANOL HYDROCHLORIDE * N-MONO(beta-HYDROXYETHYL)-2-AMINOHEXADECANE HYDLOCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm SEV OYYAA2 8,1727,74
KL7375000 ETHANOL, 2,2'-((1-METHYLPENTADECYL)IMINO)BIS-, HYDROCHLORIDE
UPDT:8408 MW: 366.10 MOLFM: C20-H43-N-O2 · Cl-H
SYN: N,N-BIS(beta-HYDROXYETHYL)-2-AMINOHEXADECANE HYDROCHLORIDE * 2,2'-((1-METHYLPENTADECYL)IMINO)BISETHANOL HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm MOD OYYAA2 8,1727,74
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1800 mg/kg OYYAA2 8,1727,74
ETHANOL, 2-((2-METHYLPROPYL)AMINO)-, 3-AMINOBENZOATE (ester), MONOHYDROCHLORIDE (9CI) see: KL4374900
ETHANOL, 2,2'-(METHYLIMINO)BIS- see: KL7525000
KL7525000 ETHANOL, 2,2'-(METHYLIMINO)DI-
UPDT:8407 CAS: 105-59-9 MW: 119.19 MOLFM: C5-H13-N-O2
SYN: ETHANOL, 2,2'-(METHYLIMINO)BIS- * N-METHYLDIETHANOLAMINE * N-METHYLIMINODIETHANOL * N-METHYL-2,2'-IMINODIETHANOL * 2,2'-(METHYLIMINO)DIETHANOL * USAF DO-52
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
skn-rbt 502 mg open MLD UCDS** 7/13/71
eye-rbt 20 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4780 mg/kg AMIHBC 10,61,54
ipr-mus LD50:500 mg/kg NTIS** AD277,689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
KL7620100 ETHANOL, 2-(METHYL(beta-METHYLPHENETHYL)AMINO)-, ACETATE, HYDROCHLORIDE
UPDT:8403 MW: 271.82 MOLFM: C14-H21-N-O2 · Cl-H
SYN: 2-(METHYL(beta-METHYLPHENETHYL-AMINO)ETHANOL ACETATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:247 mg/kg JAPMAB 40,47,51
KL7640000 ETHANOL, 2-((2-METHYLPENTYL)OXY)-
UPDT:8303 CAS: 10137-96-9 MW: 146.26 MOLFM: C8-H18-O2
SYN: ETHYLENE GLYCOL MONOMETHYLPENTYL ETHER * ETHYLENEGLYCOL MONO-2-METHYLPENTYL ETHER * 2-METHYLPENTYL CELLOSOLVE * 2-((2-METHYLPENTYL)OXY)ETHANOL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3730 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:440 mg/kg AIHAAP 23,95,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KL7875000 ETHANOL, 2-(2-((2-METHYLPENTYL)OXY)ETHOXY)-
UPDT:8303 CAS: 10143-56-3 MW: 190.32 MOLFM: C10-H22-O3
SYN: DIETHYLENEGLYCOL MONO-2-METHYLPENTYL ETHER * 2-(2-((2-METHYLPENTYL)OXY)ETHOXY)ETHANOL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5660 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:1580 mg/kg AIHAAP 23,95,62
KL7950000 ETHANOL, 2-(alpha-METHYLPHENETHYL)AMINO-
UPDT:8303 CAS: 63918-85-4 MW: 179.29 MOLFM: C11-H17-N-O
SYN: 2-(alpha-METHYLPHENETHYLAMINO)ETHANOL * 1-PHENYL-2-(beta-HYDROXYETHYL)AMINOPROPANE * 1-PHENYL-2-beta-OXY-AETHYL-AMINO PROPAN (German) * alpha-PHENYL-beta-OXYETHYLAMINOPROPANE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg AEPPAE 195,647,40
ipr-mus LDLo:250 mg/kg AEPPAE 195,647,40
ipr-mus LDLo:750 mg/kg AEPPAE 195,647,40
KL7960000 ETHANOL, 2-(METHYLPHENETHYLAMINO)-, CARBANILATE, HYDROCHLORIDE
UPDT:8406 MW: 334.88 MOLFM: C18-H22-N2-O2 · Cl-H
SYN: 2-(METHYLPHENETHYLAMINO)ETHANOL CARBANILATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62
KL8000000 ETHANOL, 2-(2-(4-(2-METHYL-3-PHENOTHIAZIN-10-YLPROPYL)-1-PIPERAZINYL)ETHOXY)-
UPDT:8303 CAS: 2470-73-7 MW: 427.66 MOLFM: C24-H33-N3-O2-S
SYN: DIKYRAZINE * ESUCOS * 10-(3-(4-(HYDROXYETHOXYETHYL)-1-PIPERAZINYL)-2-METHYLPROPYL)PHENOTHIAZINE * (2-METHYL-3-(1-HYDROXYETHOXYETHYL)-4-PIPERAZINYL)PROPYL) 10-PHENOTHIAZINE * 2-(2-(4-(2-METHYL-3-PHENOTHIAZIN-10-YLPROPYL)-1-PIPERAZINYL)ETHOXY)ETHANOL * UCB 3412
TOXICITY DATA AND REFERENCES:
orl-rat LD50:400 mg/kg ANPBAZ 61,669,61
ivn-rat LD50:37500 ug/kg ANPBAZ 61,669,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KL8050000 ETHANOL, 2-(2-(4-(2-METHYL-3-PHENOTHIAZIN-10-YLPROPYL)-1-PIPERAZINYL)ETHOXY)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 60539-20-0 MW: 500.58 MOLFM: C24-H33-N3-O2-S · 2Cl-H
SYN: DIKYRAZINE DIHYDROCHLORIDE * 2-(2-(4-(2-METHYL-3-PHENOTHIAZIN-10-YLPROPYL)-1-PIPERAZINYL)ETHOXY)ETHANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:420 mg/kg 27ZQAG -,22,72
ipr-mus LD50:102 mg/kg 27ZQAG -,22,72
ivn-mus LD50:48 mg/kg 27ZQAG -,22,72
ETHANOL, 2,2'-((2-METHYLPHENYL)IMINO)BIS- (9CI) see: KU3705000
ETHANOL, 2,2'-((3-METHYLPHENYL)IMINO)BIS (9CI) see: KM3360000
KL8068000 ETHANOL, 2-(METHYL(3-PHENYLPROPYL)AMINO)-, CARBANILATE, HYDROCHLORIDE
UPDT:8406 MW: 348.91 MOLFM: C19-H24-N2-O2 · Cl-H
SYN: 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHANOL CARBANILATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F17 unk-mam LDLo:200 mg/kg JPMSAE 51,146,62
KL8120000 ETHANOL, 2,2'-((3-((6-METHYL-5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLIN-10-YL)AMINO) PROPYL)IMINO)DI-, HYDRATE (2:1)
UPDT:8406 CAS: 53948-03-2 MW: 402.49 MOLFM: C22-H27-N5-O2 · 1/2H2-O
TOXICITY DATA AND REFERENCES:
IV30 ipr-mus LDLo:100 mg/kg JMCMAR 26,181,83
ETHANOL, 2-(METHYLTHIO)-, ACRYLATE see: AT3500000
KL8237000 ETHANOL, 2-((1-METHYLTRIDECYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 56167-07-8 MW: 293.98 MOLFM: C16-H35-N-O · Cl-H
SYN: 2-((1-METHYLTRIDECYL)AMINO)ETHANOL HYDROCHLORIDE * N-MONO(beta-HYDROXYETHYL)-2-AMINOTETRADECANE HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 1250 ppm MOD OYYAA2 8,1727,74
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LD50:1 gm/kg OYYAA2 8,1727,74
KL8231000 ETHANOL, 2,2'-((1-METHYLTRIDECYL)IMINO)BIS-, HYDROCHLORIDE
UPDT:8408 CAS: 56167-12-5 MW: 338.04 MOLFM: C18-H39-N-O2 · Cl-H
SYN: N,N-BIS(beta-HYDROXYETHYL)-2-AMINOTETRADECANE HYDROCHLORIDE * 2,2'-((1-METHYLTRIDECYL)IMINO)BISETHANOL HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 2500 ppm MOD OYYAA2 8,1727,74
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LD50:1520 mg/kg OYYAA2 8,1727,74
KL8530000 ETHANOL, 2-((1-METHYLUNDECYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 56167-10-3 MW: 265.92 MOLFM: C14-H31-N-O · Cl-H
SYN: 2-((1-METHYLUNDECYL)AMINO)ETHANOL HYDROCHLORIDE * N-MONO(beta-HYDROXYETHYL)-2-AMINODODECANE HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 2500 ppm MOD OYYAA2 8,1727,74
KL8540000 ETHANOL, 2,2'-((1-METHYLUNDECYL)IMINO)BIS-, HYDROCHLORIDE
UPDT:8408 CAS: 56167-09-0 MW: 309.98 MOLFM: C16-H35-N-O2 · Cl-H
SYN: N,N-BIS(beta-HYDROXYETHYL)-2-AMINODODECANE HYDROCHLORIDE * 2,2'-((1-METHYLUNDECYL)IMINO)BISETHANOL HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm SEV OYYAA2 8,1727,74
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LD50:600 mg/kg OYYAA2 8,1727,74

BEST COPY AVAILABLE

ETHANOL, 2-MORPHOLINO- see: QE3675000
ETHANOL, 2-(MORPHOLINYL)- see: QE3675000

KL9275000 ETHANOL, 2,2',2''-NITRILOTRI-
UPDT:8412 CAS: 102-71-6 MW: 149.22 MOLFM: C6-H15-N-O3
SYN: DALTOGEN * NITRILO-2,2',2''-TRIETHANOL * 2,2',2''-NITRILOTRIETHANOL * STEROLAMIDE * THIOFACO T-35 * TRIAETHANOLAMIN-NG * TRIETHANOLAMIN * TRIETHANOLAMINE * TRIETHYLAMINE, 2,2',2''-TRIHYDROXY- * TRIETHYLOLAMINE * TRIHYDROXYETHYLAMINE * TRIHYDROXYTRIETHYLAMINE * TRIS(2-HYDROXYETHYL)AMINE * TROLAMINE

IRRITATION DATA AND REFERENCES:
skn-hmn 15 mg/3D-I MLD — 85DKA8 -,127,77
skn-rbt 560 mg/24H MLD — TXAPA9 19,276,71
eye-rbt 5620 ug SEV — AJOPAA 29,1363,46

TUMORIGENIC DATA AND REFERENCES:
3V01P62R60 orl-mus TDLo:16 gm/kg/64W-C — CNREA8 38,3918,78
3V01P62R60 orl-mus TD :154 gm/kg/61W-C — CNREA8 38,3918,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:8680 mg/kg — UCDS** 3/18/65
orl-mus LD50:7400 mg/kg — GTPZAB 26(8),53,82
ipr-mus LD50:1450 mg/kg — RCRVAB 38,975,69
orl-gpg LD50:8000 mg/kg — JIHTAB 22,206,40

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0478-0133
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL9282000 ETHANOL, 2,2',2''-NITRILOTRI-, COPPER SALT
UPDT:8402 CAS: 31089-39-1 MW: 594.00 MOLFM: C6-H15-N-O3 -nCu
SYN: COPPER TRIETHANOLAMINE * COPPER TRIETHANOLAMINE complex * K-LOX * K-POOL * K-TEA * 2,2',2''-NITRILOTRIETHANOL COPPER SALT * TRIETHANOLAMINE-COPPER complex

TOXICITY DATA AND REFERENCES:
orl-rat LD50:8 gm/kg — FMCHA2 -,C136,83

ETHANOL, 2,2',2''-NITRILOTRI-, compd. with METHANEARSONIC ACID see: PA2630000

KL9355000 ETHANOL, 2,2',2''-NITRILOTRI-, TRINITRATE (ester), NITRATE
UPDT:8308 MW: 347.24 MOLFM: C6-H12-N4-O9 H-N-O3

STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN — CFRGBR 49,172.101,82

KL9371000 ETHANOL, 2,2'-((2-(8-NITRO-9-ACRIDINYLAMINO)ETHYL)IMIDO)DI-, HYDROCHLORIDE
UPDT:8411 CAS: 77162-70-0 MW: 442.37 MOLFM: C19-H22-N4-O4 2Cl-H
SYN: C-835 * 2,2'-((2-(8-NITRO-9-ACRIDINYLAMINO)ETHYL)IMINO)DIETHANOL HYDROCHLORIDE * 1-NITRO-9-[2-DIHYDROXYETHYLAMINO-ETHYLAMINO]-ACRIDINE HYDROCHLORIDE

MUTATION DATA AND REFERENCES:
dnd-hmn:hla 2500 nmol/L — CBINAB 49,311,84
dns-hmn:hla 5 umol/L — CBINAB 49,311,84

TOXICITY DATA AND REFERENCES:
3F07F17K12 orl-rat LD50:176 mg/kg — AITEAT 28,735,80
3F07F17K12 ivn-rat LD50:1700 ug/kg — AITEAT 28,735,80
3F07F17K12 orl-mus LD50:127 mg/kg — AITEAT 28,735,80
3F07F17K12 ivn-mus LD50:2700 ug/kg — AITEAT 28,735,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL9371050 ETHANOL, 2-((1-NITRO-9-ACRIDINYL)AMINO)-, MONOHYDROCHLORIDE
UPDT:8411 CAS: 77280-93-4 MW: 339.77 MOLFM: C15-H13-N3-O3 Cl-H
SYN: C-857 * 2-((1-NITRO-9-ACRIDINYL)AMINO)ETHANOL HYDROCHLORIDE * 1-NITRO-9-(HYDROXYETHYLAMINO)-ACRIDINE HYDROCHLORIDE

MUTATION DATA AND REFERENCES:
dnd-hmn:hla 2500 nmol/L — CBINAB 49,311,84
dns-hmn:hla 100 nmol/L — CBINAB 49,311,84

TOXICITY DATA AND REFERENCES:
ivn-pgn LD50:1200 ug/kg — AITEAT 28,777,80

KL9372000 ETHANOL, 2,2'-((7-NITRO-4-BENZOFURAZANYL)IMINO)BIS-, OXIDE
UPDT:8401 CAS: 58131-55-8 MW: 284.26 MOLFM: C[illegible]N4-O6
SYN: 82837 * BENZOFURAZAN, 4-(N,N-BIS(2-HYDROXYETHYL)AMINO)-7-[illegible]OXIDE * 2,2'-((7-NITRO-4-BENZOFURAZANYL)IMINO)BISETHANOL OXIDE

MUTATION DATA AND REFERENCES:
inma-sat 5 ug/plate — [illegible] 77
inma-sat 5 ug/plate — [illegible] 77
dni-mus:leu 2500 nmol/L — [illegible] 5,75

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

KL9372500 ETHANOL, 2-((m-NITROBENZYLIDENE)AMINO)-, N-OXIDE
UPDT:8303 MW: 210.21 MOLFM: C9-H10-N2-O4
SYN: N-(2-HYDROXYETHYL)-3-NITROBENZYLIDENIMINE N-OXIDE * 2-((m-NITROBENZYLIDENE)AMINO)ETHANOL N-OXIDE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:551 gm/kg/46W-C — FEPRA7 38,1403,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL9373000 ETHANOL, 2-((p-NITROBENZYLIDENE)AMINO)-, N-OXIDE
UPDT:8303 MW: 210.21 MOLFM: C9-H10-N2-O4
SYN: N-(2-HYDROXYETHYL)-4-NITROBENZYLIDENIMINE N-OXIDE * 2-((p-NITROBENZYLIDENE)AMINO)ETHANOL N-OXIDE

TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:551 gm/kg/46W-C — FEPRA7 38,1403,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL9500000 ETHANOL, 2-NITRO-, NITRATE (ester)
UPDT:8308 CAS: 4528-34-1 MW: 136.08 MOLFM: C2-H4-N2-O5
SYN: NITROETHYL NITRATE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN — CFRGBR 49,172.101,82

KL9550000 ETHANOL, N-NITROSOIMINODI-
UPDT:8412 CAS: 1116-54-7 MW: 134.16 MOLFM: C4-H10-N2-O3
SYN: BIS(beta-HYDROXYAETHYL)NITROSAMIN (German) * BIS(beta-HYDROXYETHYL)NITROSAMINE * DIAETHANOLNITROSAMIN (German) * DIETHANOLNITROSOAMINE * DIETHYLAMINE, 2,2'-DIHYDROXY-N-NITROSO- * 2,2'-IMINODI-N-NITROSOETHANOL * NCI-C55583 * NDELA * N-NITROSOIMINODIETHANOL * N-NITROSOBIS(2-HYDROXYETHYL)AMINE * N-NITROSODIAETHANOLAMIN (German) * N-NITROSODIETHANOLAMINE * 2,2'-(NITROSOIMINO)BISETHANOL * NITROSOIMINO DIETHANOL * RCRA WASTE NUMBER U173

MUTATION DATA AND REFERENCES:
otr-rat-orl 8400 mg/kg/6W-C — CRNGDP 5,725,84
hma-mus/asc 450 umol/kg — CRNGDP 2,909,81

TUMORIGENIC DATA AND REFERENCES:
3V01D09L60 orl-rat TDLo:855 mg/kg/2Y-I — CNREA8 42,5167,82
3V02D09J60 skn-ham TDLo:21600 mg/kg/36W-I — IAPUDO 41,299,82
3V01D09J60 scu-ham TDLo:6080 mg/kg/27W-I — CNREA8 43,2521,83
3V01D09J60 orl-hcm TDLo:21600 mg/kg/45W-I — CNREA8 43,2521,83
3V01D09J60 scu-ham TD :7200 mg/kg/27W-I — IAPUDO 41,299,82
3V01D09L60 orl-rat TD :10 gm/kg/50W-C — CRNGDP 5,167,84
3V01D09L60 orl-rat TD :12 gm/kg/75W-I — FCTOD7 22,23,84
2V01L60 orl-rat TD :3450 mg/kg/2Y-I — CNREA8 42,5167,82
3V01D09L60 orl-rat TD :8 gm/kg/50W-I — FCTOD7 22,23,84
3V01D09J60 scu-ham TD :10500 mg/kg/42W-I — CALEDQ 14,23,81
3V01D09L60 orl-rat TD :100 gm/kg/1Y-I — CNREA8 42,5167,82
3V01D09J60 scu-ham TD :17920 mg/kg/27W-I — CNREA8 43,2521,83
3V01D09J60 scu-ham TD :15 gm/kg/5W-I — CALEDQ 4,55,77
3V03D09L60 orl-rat TD :1202 mg/kg/2Y-C — IAPUDO 41,591,82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:7500 mg/kg — GISAAA 40(1),81,75
scu-ham LDLo:11 gm/kg — CALEDQ 4,55,77

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED — IARC** 17,77,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 17,77,78

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 15, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0283-0469 S
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL9600000 ETHANOL, N-NITROSO-2,2'-IMINODI-, DIACETATE
UPDT:8401 CAS: 13256-19-4 MW: 218.24 MOLFM: C8-H14-N2-O5
SYN: ACETIC ACID, ESTER with N-NITROSO-2,2'-IMIMODIETHANOL * BIS-(ACETOXYAETHYL)NITROSAMIN (German) * N-NITROSOBIS(ACETOXYETHYL)AMINE * N-NITROSO-2,2'-IMINODIETHANOL DIACETATE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate — MUREAV 89,217,81

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:40 gm/kg/53W-C — ZEKBAI 69,103,67

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5000 mg/kg — ZEKBAI 69,103,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KL9610000 ETHANOL, 2,2'-NITROSOIMINODI-, DINITRATE (ester)
UPDT:8308 MW: 224.16 MOLFM: C4-H8-N4-O7
SYN: DIETHANOL NITROSAMINE DINITRATE, dry (DOT) * 2,2'-NITROSOIMINODIETHANOL DINITRATE (ester)

STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN — CFRGBR 49,172.101,82

KL9625000 ETHANOL, NONYLPHENOXYPOLYETHYLENEOXY-, IODINE COMPLEX
UPDT:8303 CAS: 11096-42-7 MOLFM: (C2-H4-O)nC15-H24-O -x12
SYN: BIOPAL CVL 10 * BIOPAL NR 20 * BIOPAL VRO 10 * BIOPAL VRO 20 * NONYLPHENOXYPOLYETHYLENEOXY ETHANOL-IODINE COMPLEX

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2100 mg/kg — 28ZEAL 4,301,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KL9700000 ETHANOL, 2-(OCTYLTHIO)-
UPDT:8309 CAS: 3547-33-9 MW: 190.38 MOLFM: C10-H22-O-S
SYN: 2-HYDROXYETHYL-n-OCTYL SULFIDE * MGK REPELLENT 874 * 2-(OCTYLTHIO)ETHANOL * R-874 * R-874 PHILLIPS

TOXICITY DATA AND REFERENCES:
orl-rat LD50:8530 mg/kg — FMCHA2 -,C157,83
skn-rbt LD50:13590 mg/kg — 28ZEAL 5,196,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHANOL, 2,2'-OXYDI- see: ID5950000

KL9920000 ETHANOL, 2-((1-PENTYLHEPTYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 56167-11-4 MW: 265.92 MOLFM: C14-H31-N-O Cl-H
SYN: N-MONO(beta-HYDROXYETHYL)-6-AMINODODECANE HYDROCHLORIDE * 2-((1-PENTYLHEPTYL)AMINO)ETHANOL HYDROCHLORIDE

IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm MOD — OYYAA2 8,1727,74

KL9950000 ETHANOL, 1-(tert-PENTYLOXY)-2,2,2-TRICHLORO-
UPDT:8303 CAS: 541-63-9 MW: 235.55 MOLFM: C7-H13-Cl3-O2
SYN: AMYLENECHLORAL * DORMIOL * 1-(tert-PENTYLOXY)-2,2,2-TRICHLOROETHANOL * 2,2,2-TRICHLORO-1-(1,1-DIMETHYLPROPOXY)-ETHANOL (9CI)

TOXICITY DATA AND REFERENCES:
scu-rbt LDLo:1 gm/kg — HBAMAK 4,1289,35

KM0100000 ETHANOL, 1-(PHENANTHR-3'-YL)-2-PIPERIDINO-, HYDROCHLORIDE
UPDT:8303 CAS: 63918-86-5 MW: 341.91 MOLFM: C21-H23-N-O Cl-H
SYN: 1-(PHENANTHR-3'-YL)-2-PIPERIDINOETHANOL HYDROCHLORIDE * 3-(2-PIPERIDINO-1-HYDROXYETHYL)PHENANTHRENE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
scu-mus LDLo:600 mg/kg — JPETAB 58,159,36

KM0175000 ETHANOL, 2-(PHENETHYLAMINO)-
UPDT:8407 CAS: 2842-37-7 MW: 165.26 MOLFM: C10-H15-N-O
SYN: 2-PHENYLETHYLAMINOETHANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AMIHBC 10,61,54
eye-rbt 750 ug open SEV — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1870 mg/kg — AMIHBC 10,61,54
skn-rbt LD50:3 gm/kg — AMIHBC 10,61,54

KM0350000 ETHANOL, 2-PHENOXY-
UPDT:8402 CAS: 122-99-6 MW: 138.18 MOLFM: C8-H10-O2
SYN: ABOSOL * DOWANOL EP * DOWANOL EPH * EMERESSENCE 1160 * EMERY 6705 * ETHYLENE GLYCOL MONOPHENYL ETHER * ETHYLENE GLYCOL PHENYL ETHER * 2-FENOXYETHANOL (Czech) * FENYL CELLOSOLVE (Czech) * GLYCOL MONOPHENYL ETHER * beta-HYDROXYETHYL PHENYL ETHER * 1-HYDROXY-2-PHENOXYETHANE * PHENOXAETHOL * PHENOXETOL * PHENOXYETHANOL * 2-PHENOXYETHANOL * PHENOXYETHYL ALCOHOL * PHENOXYTOL * PHENYL CELLOSOLVE * PHENYLMONOGLYCOL ETHER * ROSE ETHER

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD — UCDS** 6/24/58
skn-rbt 500 mg/24H MOD — 28ZPAK -,99,72
eye-rbt 6 mg MOD — UCDS** 6/24/58
eye-rbt 250 ug/24H SEV — 28ZPAK -,99,72

MUTATION DATA AND REFERENCES:
dni-esc 2000 ppm — MCBIA7 28,7,80
oms-esc 2000 ppm — MCBIA7 28,7,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1260 mg/kg — JIHTAB 23,259,41
skn-rbt LD50:5000 mg/kg — UCDS** 6/24/58

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KM0700000 ETHANOL, 2-PHENOXY-, ACRYLATE
UPDT:8303 CAS: 48145-04-6 MW: 192.23 MOLFM: C11-H12-O3
SYN: 2-PHENOXYETHANOL ACRYLATE * PHENYL CELLOSOLVE ACRYLATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD — UCDS** 12/2/71

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5190 mg/kg — UCDS** 12/2/71
skn-rbt LD50:1800 mg/kg — UCDS** 12/2/71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

KM0875000 ETHANOL, 2-(2-PHENOXYETHOXY)-
UPDT:8407 CAS: 104-68-7 MW: 182.24 MOLFM: C10-H14-O3
SYN: DIETHYLENE GLYCOL MONOPHENYL ETHER * DIETHYLENE GLYCOLPHENYL ETHER * 2-(2-PHENOXYETHOXY)ETHANOL * PHENYL CARBITOL

IRRITATION DATA AND REFERENCES:
skn-rbt 505 mg open MLD — UCDS** 8/16/61
eye-rbt 2 mg open SEV — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2140 mg/kg — AMIHBC 10,61,54
skn-rbt LD50:2120 mg/kg — UCDS** 8/16/61

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KM0900000 ETHANOL, 2-PHENOXY-, PROPIONATE
UPDT:8305 CAS: 23495-12-7 MW: 194.23 MOLFM: C11-H14-O3
SYN: ETHYLENEGLYCOL MONOPHENYL ETHER PROPIONATE * 2-PHENOXYETHANOL PROPIONATE * PHENOXYETHYL PROPIONATE * PROPIONIC ACID, 2-PHENOXYETHYL ESTER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4400 mg/kg — FCTXAV 14,825,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHANOL, 1-PHENYL- see: DO9275000
ETHANOL, 2-PHENYL- see: SG7175000
ETHANOL, 2-PHENYL-, ACETATE see: AJ2220000
ETHANOL, 2-(PHENYLAMINO)- see: KJ7175000

KM1820000 ETHANOL, 2-(1-PHENYLETHYL)AMINO-
UPDT:8307 MW: 165.26 MOLFM: C10-H15-N-O
SYN: alpha-METHYLBENZYLAMINE, N-HYDROXYETHYL-

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg — AMIHBC 4,119,51
* skn-rbt LD50:1540 mg/kg — AMIHBC 4,119,51

KM1830000 ETHANOL, 2-(1-PHENYLHYDRAZINO)-
UPDT:8402 MW: 152.22 MOLFM: C8-H12-N2-O
SYN: PHENYLHYDRAZINE ETHOXIDE * 2-(1-PHENYLHYDRAZINO)ETHANOL

TOXICITY DATA AND REFERENCES:
3J22J24J30 scu-mus LDLo:450 mg/kg — JIHTAB 18,1,36

KM1840000 ETHANOL, 2-(2-PHENYLHYDRAZINO)-
UPDT:8402 MW: 152.22 MOLFM: C8-H12-N2-O
SYN: 2-(2-PHENYLHYDRAZINO)ETHANOL * PHENYLHYDRAZINE ETHOXIDE

TOXICITY DATA AND REFERENCES:
3J22J24J30 scu-mus LDLo:360 mg/kg — JIHTAB 18,1,36

KM2100000 ETHANOL, 2,2'-(PHENYLIMINO)DI-
UPDT:8310 CAS: 120-07-0 MW: 181.26 MOLFM: C10-H15-N-O2
SYN: N,N-BIS(2-HYDROXYETHYL)ANILINE * DIETHANOLAMINOBENZENE * DIETHANOLANILINE * N,N-DIETHANOLANILINE * DIHYDROXYETHYLANILINE * N,N-DI(beta-HYDROXYETHYL)ANILINE * N,N-DI(2-HYDROXYETHYL)ANILINE * N,N-DIOXYETHYLANILINE * EMERY 5703 * 2,2'-(PHENYLAMINO)DIETHANOL * PHENYL DIETHANOLAMINE * N-PHENYLDIETHANOLAMINE * 2,2'-(PHENYLIMINO)DIETHANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD — UCDS** 6/13/60
eye-rbt 100 mg SEV — UCDS** 6/13/60

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1430 mg/kg — LONZA# 03JAN78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KM2300000 ETHANOL, 2-(PHENYLSULFONYL)-
UPDT:8303 CAS: 20611-21-6 MW: 186.24 MOLFM: C8-H10-O3-S
SYN: 2-(BENZENESULFONYL)ETHANOL * PENYL-beta-HYDROXYETHYLSULFON (Czech) * 2-(PHENYLSULFONYL)ETHANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — 28ZPAK -,200,72
eye-rbt 20 mg/24H SEV — 28ZPAK -,200,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5830 mg/kg — 28ZPAK -,200,72

ETHANOL, 2-(1-PIPERAZINYL)- see: TL6825000

KM2585000 ETHANOL, 1-(1-PIPERAZINYL)-2,2,2-TRIFLUORO-1-(TRIFLUOROMETHYL)-, HYDRATE
UPDT:8303 CAS: 30192-64-4 MW: 270.21 MOLFM: C7-H10-F6-N2-O M2-O
SYN: 1-(1-PIPERAZINYL)-2,2,2-TRIFLUORO-1-(TRIFLUOROMETHYL)ETHANOL HYDRATE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:300 mg/kg — JMCMAR 13,1215,70
ipr-mus LD50:300 mg/kg — JMCMAR 13,1215,70

KM2675000 ETHANOL, 2,2',2'',2'''-((4-PIPERIDINOPYRIMIDO(5,4-d)PYRIMIDINE-2,6-DIYL)DINITRILO)TETRA-
UPDT:8303 CAS: 13665-88-8 MW: 421.57 MOLFM: C19-H31-N7-O4
SYN: 2,6-BIS(DIETHANOLAMINO)-4-(1-PERIDINOPYRIMIDO(5,4-d)PYRIMIDINE * COMPOUND RA-233 * 2,2',2'',2'''-((4-PIPERIDINOPYRIMIDO(5,4-d)PYRIMIDINE 2,6-DIYL)DINITRILO)TETRAETHANOL * RA 233

TOXICITY DATA AND REFERENCES:
1V30 orl-mus LD50:465 mg/kg — GWXXBX #2931573

KM2700000 ETHANOL, 1-PIPERIDINO-2,2,2-TRIFLUORO-1-(TRIFLUOROMETHYL)-, HYDRATE
UPDT:8303 CAS: 30192-67-7 MW: 269.22 MOLFM: C8-H11-F6-N-O M2-O
SYN: 1-PIPERIDINO-2,2,2-TRIFLUORO-1-(TRIFLUOROMETHYL)ETHANOL HYDRATE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:300 mg/kg — JMCMAR 13,1215,70
ipr-mus LD50:300 mg/kg — JMCMAR 13,1215,70

ETHANOL 200 PROOF see: KQ6300000

KM2800000 ETHANOL, 2-PROPOXY-
UPDT:8408 CAS: 2807-30-9 MW: 104.17 MOLFM: C5-H12-O2
SYN: EKTASOLVE EP * ETHYLENE GLYCOL MONO PROPYL ETHER * ETHYLENE GLYCOL MONO-n-PROPYL ETHER * MONOPROPYL ETHER of ETHYLENE GLYCOL * 2-PROPOXYETHANOL * PROPYL CELLOSOLVE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4890 mg/kg — AIHAAP 30,470,69
ihl-rat LCLo:2000 ppm/4H — JIHTAB 31,343,49
3F29J22M14 ihl-mus LC50:1530 ppm/7H — JIHTAB 25,157,43
* skn-rbt LD50:960 mg/kg — AIHAAP 30,470,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KM2920000 ETHANOL, 2,2',2'',2'''-SILANETETRAYLTETRAKIS-
UPDT:8308 CAS: 18928-76-2 MW: 208.37 MOLFM: C8-H20-O4-Si
SYN: 2,2',2'',2'''-SILANETETRAYLTETRAKISETHANOL * TETRA-(2-HYDROXYETHYL)ISILANE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7460 mg/kg — TXAPA9 28,313,74

KM2940000 ETHANOL, THALLIUM(1+) SALT
UPDT:7908 CAS: 20398-06-5 MW: 250.45 MOLFM: C2-H6-O Tl
SYN: ETHYL ALCOHOL THALLIUM (I)

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg — NCNSA6 5,43,53

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 — DTLVS* 4,396,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) — FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KM2975000 ETHANOL, 2,2'-THIODI-
UPDT:8305 CAS: 111-48-8 MW: 122.20 MOLFM: C4-H10-O2-S
SYN: BIS(beta-HYDROXYETHYL)SULFIDE * BIS(2-HYDROXYETHYL)SULFIDE * beta,beta'-DIHYDROXYDIETHYL SULFIDE * beta,beta-DIHYDROXYETHYL SULFIDE * GLYECINE A * beta-HYDROXYETHYL SULFIDE * KROMFAX SOLVENT * SULFIDE, BIS(2-HYDROXYETHYL) * 2,2'-THIODIETHANOL * THIODIETHYLENE GLYCOL * THIODIGLYCOL * beta-THIODIGLYCOL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD — UCDS** 11/3/71
eye-rbt 500 mg — AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
scu-rat LD50:4000 mg/kg — JPETAB 93,1,48
scu-mus LD50:4000 mg/kg — JPETAB 93,1,48
ivn-rbt LD50:3000 mg/kg — JPETAB 93,1,48
orl-gpg LD50:3960 mg/kg — JIHTAB 23,259,41

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-ETHANOL-2-THIOL see: KL5600000

KM3325000 ETHANOL, 2-TOLUIDINO-
UPDT:8307 CAS: 136-80-1 MW: 151.23 MOLFM: C9-H13-N-O
SYN: EMERY 5711 * N-beta-HYDROXYETHYL-o-TOLUIDINO * 2-o-TOLUIDINOETHANOL * o-TOLYL ETHANOLAMINE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2260 mg/kg — JIHTAB 31,60,49
skn-rbt LD50:1000 mg/kg — JIHTAB 31,60,49

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHANOL, 1-(p-TOLYL)- see: DO4565000

KM3360000 ETHANOL, 2,2'-(m-TOLYLIMINO)DI-
UPDT:8305 CAS: 91-99-6 MW: 195.29 MOLFM: C11-H17-N-O2
SYN: N,N-BIS(beta-HYDROXYETHYL)-3-METHYLANILINE * N,N-BIS(2-HYDROXYETHYL)-3-METHYLANILINE * N,N-BIS(2-HYDROXYETHYL)-m-TOLUIDINE * DIETHANOL-m-TOLUIDINE * N,N-DIHYDROXYETHYL-m-TOLUIDINE * EMERY 5709 * ETHANOL, 2,2'-((3-METHYLPHENYL)IMINO)BIS- (9CI) * m-TOLUIDINE, N,N-BIS(2-HYDROXYETHYL)- * m-TOLYLDIETHANOLAMINE * 2,2'-(m-TOLYLIMINO)DIETHANOL

TOXICITY DATA AND REFERENCES:
3F07F24K12 orl-rat LD50:3100 mg/kg — LONZA# 02JUN80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHANOL, 2,2'-(o-TOLYLIMINO)DI- (8CI) see: XU3705000

KM3500000 ETHANOL, TRIBROMO-
UPDT:8412 CAS: 1329-86-8 MW: 282.78 MOLFM: C2-H3-Br3-O
SYN: AVERTIN * BROMETHOL * ETHOBROM * NARCOLAN * NARKOLAN * TRIBROMOETHANOL * TRIBROMOETHYL ALCOHOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ihl-mus TCLo:40 mg/kg/10M (1D pre) — JRPFA4 49,167,77
1T24 ihl-mus TCLo:30 mg/kg/10M (1D pre) — JRPFA4 49,167,77

TOXICITY DATA AND REFERENCES:
2J25J30 orl-rat LDLo:300 mg/kg — CRAAA7 17,258,38
ipr-rat LDLo:400 mg/kg — JPETAB 63,453,38
2J25J30 orl-mus LDLo:500 mg/kg — CRAAA7 17,258,38
ipr-mus LD50:546 mg/kg — JPETAB 81,72,44
ivn-mus LD50:279 mg/kg — JPETAB 81,72,44
* orl-cat LDLo:150 mg/kg — MEIEDD 10,1374,83
ivn-rbt LDLo:200 mg/kg — JPETAB 63,453,38
2J25J30 rec-rbt LDLo:400 mg/kg — CRAAA7 17,258,38

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KM3675000 ETHANOL, 2,2,2-TRIBROMO-
UPDT:8312 CAS: 75-80-9 MW: 282.78 MOLFM: C2-H3-Br3-O
SYN: AVERTIN * BROMETHOL * ETHOBROM * NARCOLAN * NARKOLAN * RENARCOL * TRIBROMETHANOL * 2,2,2-TRIBROMOETHANOL * TRIBROMOETHYL ALCOHOL * 2,2,2-TRIBROMOETHYL ALCOHOL

MUTATION DATA AND REFERENCES:
cyt-smc 2 mmol/tube — HEREAY 33,457,47

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1000 mg/kg — JPETAB 63,183,38
scu-rat LDLo:530 mg/kg — AEPPAE 182,348,36
1F17 orl-mus LD50:930 mg/kg — JPMSAE 56,920,67
ipr-mus LDLo:600 mg/kg — 27ZWAY E.2,130,-
scu-mus LDLo:500 mg/kg — 27ZWAY 2,-,36
* orl-cat LDLo:150 mg/kg — 85ESA3 9,1234,76
orl-rbt LDLo:1100 mg/kg — AEPPAE 132,214,28
ipr-rbt LDLo:450 mg/kg — AEPPAE 132,214,28
ivn-rbt LDLo:120 mg/kg — 27ZWAY E.2,130,-
rec-rbt LDLo:700 mg/kg — AEPPAE 132,214,28

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

KM3850000 ETHANOL, 2,2,2-TRICHLORO-
UPDT:8412 CAS: 115-20-8 MW: 149.40 MOLFM: C2-H3-Cl3-O
SYN: TRICHLOROETHANOL * 2,2,2-TRICHLOROETHANOL * TRICHLOROETHYL ALCOHOL * 2,2,2-TRICHLOROETHYL ALCOHOL

MUTATION DATA AND REFERENCES:
mmo-asn 5 uL/plate/2H — CBINA8 30,9,80
sce-hmn:lym 178 gm/L — 10ERD9 3,63,81

TOXICITY DATA AND REFERENCES:
2J25J30 orl-rat LDLo:500 mg/kg — CRAAA7 17,258,38
ipr-rat LDLo:300 mg/kg — JPETAB 63,453,38
2J25J30 orl-mus LDLo:500 mg/kg — CRAAA7 17,258,38
ivn-mus LD50:201 mg/kg — 28ZPAK -,78,72
ivn-rbt LDLo:50 mg/kg — JPETAB 63,453,38
2J25J30 rec-rbt LDLo:500 mg/kg — CRAAA7 17,258,38

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

ETHANOL, 2,2,2-TRICHLORO-1,1-BIS(p-CHLOROPHENYL)- see: DC8400000
ETHANOL, 2,2,2-TRICHLORO-, CARBAMATE see: FD1750000
ETHANOL, 2,2,2-TRICHLORO-, CARBONATE (2:1) see: FF8925000
ETHANOL, 2,2,2-TRICHLORO-1-((m-CHLOROPHENYL)PHENYLPHOSPHINYL)- see: KK2425000
ETHANOL, 2,2,2-TRICHLORO-, DIHYDROGEN PHOSPHATE, MONOSODIUM SALT see: KM4500000

KM4500000 ETHANOL, 2,2,2-TRICHLORO-, DIHYDROGEN PHOSPHATE, SODIUM SALT
UPDT:8411 CAS: 7246-20-0 MW: 251.36 MOLFM: C2-H3-Cl3-O4-P Na
SYN: ETHANOL 2,2,2-TRICHLORO-, DIHYDROGEN PHOSPHATE, MONOSODIUM SALT * SODIUM TRICLOFOS * 2,2,2-TRICHLOROETHANOL DIHYDROGEN PHOSPHATE MONOSODIUM SALT * 2,2,2-TRICHLOROETHANOL DIHYDROGEN PHOSPHATE SODIUM SALT * TRICHLORETHYL PHOSPHATE MONOSODIUM * TRICHLORYL * TRICLOFOS SODIUM * TRICLORYL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1900 mg/kg — NIIRDN 6,521,82

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

* orl-mus LD50:1400 mg/kg BMJOAE 1,1834,62

KM4800000 ETHANOL, 2-(2,4,5-TRICHLOROPHENOXY)-
UPDT:8408 CAS: 2122-77-2 MW: 241.50 MOLFM: C8-H7-Cl3-O2
SYN: KLORINOL * TCPE * 2-(2,4,5-TRICHLOROPHENOXY)ETHANOL
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-mus TDLo:3480 mg/kg/52W-I IARCCD 25,167,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1500 mg/kg NTOTDY 5,503,83
orl-mus LD50:1320 mg/kg PBPHAW 14,82,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANOL, 2-(2,4,5-TRICHLOROPHENOXY)-, 2,2-DICHLOROPROPIONATE see: UF1400000

KM4950000 ETHANOL, 2,2,2-TRICHLORO-1-(2-THIAZOLYLAMINO)-
UPDT:8410 CAS: 35317-79-4 MW: 247.53 MOLFM: C5-H5-Cl3-N2-O-S
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1048 mg/kg FRXXBL #2400361
* ipr-mus LD50:708 mg/kg FRXXBL #2400361

KM5250000 ETHANOL, 2,2,2-TRIFLUORO-
UPDT:8411 CAS: 75-89-8 MW: 100.05 MOLFM: C2-H3-F3-O
SYN: TFE * 2,2,2-TRIFLUOROETHANOL
IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/24H SEV 28ZPAK -,78,72
eye-rbt 20 mg/24H SEV 28ZPAK -,78,72
eye-rbt 100 mg/20S rns SEV NTIS** LMF-84
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T23 ihl-rat TCLo:100 ppm/6H (14D male) TOXID9 1,27,81
3T01T02T09 ipr-rat TDLo:200 mg/kg (4D male) TOXID9 4,137,84
TOXICITY DATA AND REFERENCES:
1H17 orl-rat LD50:590 mg/kg GTPZAB 13(10),29,69
* ipr-rat LD50:210 mg/kg TXAPA9 71,84,83
orl-mus LD50:366 mg/kg TXAPA9 15,83,69
1H17 ihl-mus LC50:2900 mg/m3 GTPZAB 13(10),29,69
1F17 ipr-mus LD50:158 mg/kg AMEBA7 46,242,68
1F17 ivn-mus LD50:250 mg/kg AMEBA7 46,242,68
ivn-dog LDLo:400 mg/kg TXAPA9 15,83,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KM5482000 ETHANOL, 2-(TRIMETHYLSILYL)-, CARBAMATE
UPDT:8306 MW: 161.31 MOLFM: C6-H15-N-O2-Si
SYN: CARBAMIC ACID, 2-(TRIMETHYLSILYL)ETHYL ESTER * 2-(TRIMETHYLSILYL)ETHANOL CARBAMATE * 2-(TRIMETHYLSILYL)ETHYL ESTER of CARBAMIC ACID
TOXICITY DATA AND REFERENCES:
3F05F17F19 ipr-mus LD50:450 mg/kg JMCMAR 8,604,65

KM5490000 ETHANOL, 2,2,2-TRINITRO-
UPDT:8308 CAS: 918-54-7 MW: 181.08 MOLFM: C2-H3-N3-O7
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:36 mg/kg KHFZAN 11(1),73,77
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

KM5491000 ETHANOL, TRINITRO-, NITRATE (ester)
UPDT:8308 MW: 226.08 MOLFM: C2-H2-N4-O9
SYN: TRINITROETHYLENITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

KM5495500 ETHANOL, 2-(2-(VINYLOXY)ETHOXY)-
UPDT:8408 CAS: 929-37-3 MW: 132.18 MOLFM: C6-H12-O3
SYN: DEGMVE (Russian) * DIETHYLENE GLYCOL MONOVINYL ETHER * DIETHYLEN-GLYCOL MONOVINYL ESTER * DIETHYLENEGLYCOL VINYL ETHER * ETHANOL, 2-(2-(ETHENYLOXY)ETHOXY)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4930 mg/kg GISAAA 42(3),12,77
* orl-mus LD50:4450 mg/kg GISAAA 42(3),12,77
ETHANOMETHRIN see: GZ1231000

KM5507000 ETHANONE, 1-(4-AMINO-5-(3-BROMOPHENYL)-2-METHYL-1H-PYRROL-3-YL)-, MONOHYDROCHLORIDE
UPDT:8412 MW: 329.65 MOLFM: C13-H13-Br-N2-O-Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5507100 ETHANONE, 1-(4-AMINO-5-(p-CHLOROPHENYL)-2-METHYL-1H-PYRROL-3-YL)-
UPDT:8412 CAS: 56463-73-1 MW: 248.73 MOLFM: C13-H13-Cl-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5507200 ETHANONE, 1-(4-AMINO-5-(2-CHLOROPHENYL)-2-METHYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 248.73 MOLFM: C13-H13-Cl-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 39,538,84

KM5507300 ETHANONE, 1-(4-AMINO-5-(3,4-DICHLOROPHENYL)-2-METHYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 283.17 MOLFM: C13-H12-Cl2-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5507400 ETHANONE, 1-(4-AMINO-5-(3,4-DIMETHOXYPHENYL)-2-METHYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 274.35 MOLFM: C15-H18-N2-O3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5507500 ETHANONE, 1-(4-AMINO-1,2-DIMETHYL-5-PHENYL-1H-PYRROL-3-YL)-
UPDT:8412 CAS: 56464-19-8 MW: 228.32 MOLFM: C14-H16-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5507600 ETHANONE, 1-(4-AMINO-1-ETHYL-2-METHYL-5-PHENYL-1H-PYRROL-3-YL)-
UPDT:8412 CAS: 56464-20-1 MW: 242.35 MOLFM: C15-H18-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 39,538,84

KM5507700 ETHANONE, 1-(4-AMINO-5-(3-FLUOROPHENYL)-2-METHYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 232.28 MOLFM: C13-H13-F-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 39,538,84

KM5507800 ETHANONE, 1-(4-AMINO-5-(4-FLUOROPHENYL)-2-METHYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 232.28 MOLFM: C13-H13-F-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5507900 ETHANONE, 1-(4-AMINO-5-(4-HYDROXY-3-METHOXYPHENYL)-2-METHYL-1H-PYRROL-3-YL)- MONOHYDROCHLORIDE
UPDT:8412 MW: 296.78 MOLFM: C14-H16-N2-O3-Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 39,538,84

KM5508000 ETHANONE, 1-(4-AMINO-5-(p-HYDROXYPHENYL)-2-METHYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 230.29 MOLFM: C13-H14-N2-O2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg FRPSAX 39,538,84

KM5508100 ETHANONE, 1-(4-AMINO-5-(4-METHOXY-3-METHYLPHENYL)-2-METHYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 258.35 MOLFM: C15-H18-N2-O2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5508200 ETHANONE, 1-(4-AMINO-5-(2-METHOXYPHENYL)-2-METHYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 244.32 MOLFM: C14-H16-N2-O2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5508250 ETHANONE, 1-(4-AMINO-5-(3-METHOXYPHENYL)-2-METHYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 244.32 MOLFM: C14-H16-N2-O2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5508300 ETHANONE, 1-(4-AMINO-5-(4-METHOXYPHENYL)-2-METHYL-1H-PYRROL-3-YL)-
UPDT:8412 CAS: 56463-67-3 MW: 244.32 MOLFM: C14-H16-N2-O2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5508500 ETHANONE, 1-(4-AMINO-2-METHYL-5-(2-METHYLPHENYL)-1H-PYRROL-3-YL)-
UPDT:8412 CAS: 56463-76-4 MW: 228.32 MOLFM: C14-H16-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5508550 ETHANONE, 1-(4-AMINO-2-METHYL-5-(3-METHYLPHENYL)-1H-PYRROL-3-YL)-
UPDT:8412 CAS: 56463-70-8 MW: 228.32 MOLFM: C14-H16-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5508600 ETHANONE, 1-(4-AMINO-2-METHYL-5-(4-METHYLPHENYL)-1H-PYRROL-3-YL)-
UPDT:8412 CAS: 56463-61-7 MW: 228.32 MOLFM: C14-H16-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5508800 ETHANONE, 1-(4-AMINO-2-METHYL-5-PHENYL-1H-PYRROL-3-YL)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 59133-39-0 MW: 250.75 MOLFM: C13-H14-N2-O-Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5508900 ETHANONE, 1-(4-AMINO-2-METHYL-1H-PYRROL-3-YL)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 59133-37-8 MW: 190.65 MOLFM: C7-H10-N2-O2-Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg FRPSAX 39,538,84
ETHANONE, 1-(3-AMINOPHENYL)- (9CI) see: AM5800000
ETHANONE, 2-AMINO-1-PHENYL- (9CI) see: AM5775000
ETHANONE, 1-(BENZ(a)ANTHRACEN-7-YL)-2,2,2-TRICHLORO- see: OB1202000
ETHANONE, 1-(2-BENZOFURANYL)- (9CI) see: OB1203000
ETHANONE, 1-(2H-1-BENZOPYRAN-3-YL)- (9CI) see: DJ2110000
ETHANONE, 2-BROMO-1-PHENYL- (9CI) see: AM5978400

KM5575000 ETHANONE, 1-(1-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZIN- 7-YL)-
UPDT:8402 CAS: 64610-62-4 MW: 346.85 MOLFM: C17-H19-Cl-N4-O2
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:520 mg/kg KHFZAN 11(7),14,77
ETHANONE, 1-(5-CHLORO-1H-INDOL-3-YL)-2-(4-PIPERIDINYL)-, MONOHYDROCHLORIDE (9CI) see: OB1598500

KM5600000 ETHANONE, 1-(4-CHLOROPHENYL)-
UPDT:8306 CAS: 99-91-2 MW: 154.60 MOLFM: C8-H7-Cl-O
SYN: ACETOPHENONE, 4-CHLORO- * p-CHLOROACETOPHENONE * 4-CHLOROACETOPHENONE * USAF DO-1
TOXICITY DATA AND REFERENCES:
3D07D17D35 ihl-hmn TCLo:1 mg/m3/1M 27ZZA9 8,192,57
3C08F18J25 orl-mus LD50:1207 mg/kg PHARAT 31,317,76
ipr-mus LD50:100 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHANONE, 2-CHLORO-1-PHENYL- see: AM6300000
ETHANONE, 2,2-DIETHOXY-1-PHENYL- see: MD3284000

KM5774000 ETHANONE, 1-(1-(2-(DIETHYLAMINO)ETHOXY)-10-METHYL-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZIN- 7-YL)-
UPDT:8402 MW: 356.47 MOLFM: C19-H24-N4-O3
SYN: 1-(1-(2-(DIETHYLAMINO)ETHOXY)-10-METHYL-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZIN-7-YL)ETHANONE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:235 mg/kg KHFZAN 11(7),14,77

KM5775100 ETHANONE, 1-(2,3-DIHYDRO-1,1,2,6-TETRAMETHYL-3-(1-METHYLETHYL)-1H-INDEN-5-YL)-, trans-
UPDT:8410 CAS: 68857-95-4 MW: 258.44 MOLFM: C18-H26-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 21,645,83
eye-rbt 100 mg MLD FCTOD7 21,645,83
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2220 mg/kg FCTOD7 21,645,83
ETHANONE, 1-(3,4-DIHYDROXYPHENYL)-2-(METHYLAMINO)-, HYDROCHLORIDE (9CI) see: AM8225000
ETHANONE, 1-(4,7-DIMETHOXY-2-BENZOFURANYL)- (9CI) see: OB1837400
ETHANONE, 1-(6,7-DIMETHOXY-2-BENZOFURANYL)- (9CI) see: OB1837600
ETHANONE, 1-(5,8-DIMETHOXY-2H-1-BENZOPYRAN-3-YL)- (9CI) see: OB1838500
ETHANONE, 1-(7,8-DIMETHOXY-2H-1-BENZOPYRAN-3-YL)- (9CI) see: OB1838700

KM5775835 ETHANONE, 1-(4-(DIMETHYLAMINO)-2-METHYL-5-PHENYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 242.35 MOLFM: C15-H18-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84
ETHANONE, 1-(10-(3-(DIMETHYLAMINO)PROPYL)-10H-PHENOTHIAZIN-2-YL)-, (Z)-2-BUTENEDIOATE (1:1) see: OB2450000
ETHANONE, 1-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL)- see: OB1296000 KETONE, 4-(3-(tert-BUTYLAMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL METHYL

ETHANONE, 1-(7-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL)- see: OB1297000 KETONE, 7-(3-(tert-BUTYLAMINO)-2-HYDROXYPROPOXY)-?-BENZOFURANYL METHYL

KM5775847 ETHANONE, 1-(2,4-DIMETHYL-5-PHENYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 213.30 MOLFM: C14-H15-N-O

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 39,538,84

ETHANONE, 1-(4-(3,3-DIMETHYL-1-TRIAZENYL)PHENYL)- see: AM8463000
ETHANONE, 1-(2-ETHYL-7-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-4-BENZOFURANYL)- see: OB3185000 KETONE, 2-ETHYL-7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-4-BENZOFURANYL METHYL
ETHANONE, 1-(3-ETHYL-5,6,7,8-TETRAHYDRO-5,5,8,8-TETRAMETHYL-2-NAPHTHALENYL)- (9CI) see: AL3031000
ETHANONE, 1-(9H-FLUOREN-2-YL) see: OB3800000
ETHANONE, 2-HYDROXY-1,2-DIPHENYL- see: DI1590000
ETHANONE, 1-(4-HYDROXY-3-METHOXYPHENYL)- (9CI) see: AM8800000
ETHANONE, 1-(7-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-2-BENZOFURANYL)- (9CI) see: OB4310000 KETONE, 7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-2-BENZOFURANYL METHYL

KM5780130 ETHANONE, 1-(7-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-2-BENZOFURANYL)-, HYDROCHLORIDE
UPDT:8403 C.S. 39543-79-8 MW: 327.84 MOLFM: C16-H21-N-O4 Cl-H
SYN: 2-ACETYL 7-((2-HYDROXY-3-ISOPROPYLAMINO)PROPOXY)BENZOFURAN HYDROCHLORIDE * BEFUNOLOL HYDROCHLORIDE * BENTOX * BFE 60 * 1-(7-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-2-BENZOFURANYL)ETHANONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:990 mg/kg IYKEDH 14,484,83
* ipr-rat LD50:182 mg/kg IYKEDH 14,484,83
* scu-rat LD50:498 mg/kg IYKEDH 14,484,83
* orl-mus LD50:950 mg/kg IYKEDH 14,484,83
* ipr-mus LD50:184 mg/kg IYKEDH 14,484,83
* scu-mus LD50:434 mg/kg IYKEDH 14,484,83
* ivn-mus LD50:65 mg/kg IYKEDH 14,484,83

KM5780135 ETHANONE, 1-(4-HYDROXY-2-METHYL-5-PHENYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 215.27 MOLFM: C13-H13-N-O2

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

ETHANONE, 1-(7-(2-HYDROXY-3-((1-METHYLPROPYL)AMINO)PROPOXY)-2-BENZOFURANYL)- see: OB1295000KETONE, 7-(3-(sec-BUTYLAMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL METHYL
ETHANONE, 1-(1H-INDOL-3-YL)-2-(4-PIPERIDINYL)-, MONOHYDROCHLORIDE see: OB4541000
ETHANONE, 1-(5-METHOXY-2-BENZOFURANYL)- (9CI) see: OB4571030
ETHANONE, 1-(6-METHOXY-2-BENZOFURANYL)- (9CI) see: OB4571040
ETHANONE, 1-(7-METHOXY-2-BENZOFURANYL)- (9CI) see: OB4571050
ETHANONE, 1-(5-METHOXY-2H-1-BENZOPYRAN-3-YL)- (9CI) see: DJ2115000
ETHANONE, 1-(5-METHOXY-1H-INDOL-3-YL)-2-(4-PIPERIDINYL)-, MONOHYDROCHLORIDE (9CI) see: OB4571080

KM5781200 ETHANONE, 1-(4-METHOXY-2-METHYL-5-PHENYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 229.30 MOLFM: C14-H15-N-O2

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

ETHANONE, 1-(4-METHOXYPHENYL)- (9CI) see: AM9240000

KM5781850 ETHANONE, 1-(4-(METHYLAMINO)-2-METHYL-5-PHENYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 228.32 MOLFM: C14-H16-N2-O

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

KM5781900 ETHANONE, 1-(10-METHYL-1-(4-METHYL-1-PIPERAZINYL)-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZIN- 7-YL)-
UPDT:8402 CAS: 64610-63-5 MW: 339.44 MOLFM: C18-H21-N5-O2
SYN: 1-(10-METHYL 1-(4-METHYL 1-PIPERAZINYL) 10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZIN-7-YL ETHANONE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:320 mg/kg KHFZAN 11(7),14,77

ETHANONE, 1-(4-METHYLPHENYL)- (9CI) see: AM9463000

KM5782200 ETHANONE, 1-(2-METHYL-5-PHENYL-1H-PYRROL-3-YL)-
UPDT:8412 MW: 199.27 MOLFM: C13-H13-N-O

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 39,538,84

ETHANONE, 1-(1-NAPHTHALENYL)- (9CI) see: AL2982800
ETHANONE, 1-(2-NAPHTHALENYL)- (9CI) see: AL2988000
ETHANONE, 1-(3-NITROPHENYL)- (9CI) see: AM9625000
ETHANONE, 1-(4-NITROPHENYL)- see: AM9627000
ETHANONE, 1-(5-NITRO-2-THIENYL)- (9CI) see: OB5040000
ETHANONE, 1,1'-(OXYDI-4,1-PHENYLENE)BIS- (9CI) see: AM9656500 ACETOPHENONE, 4,4'-OXYDI-
ETHANONE, 1-PHENYL- (9CI) see: AM5250000
ETHANONE, 1-((2-PHENYLETHENYL)PHENYL)- (9CI) see: AN0350000

KM5782660 ETHANONE, 1,1'-((2-PHENYL-1,3-INDOLIZINEDIYL)BIS(METHYLENE(4-PHENYL-1,4-PIPERIDINEDIYL))) BIS-
UPDT:8408 CAS: 58892-66-3 MW: 623.90 MOLFM: C42-H45-N3-O2
SYN: CDRI 71,184 * 1,1'-((2-PHENYL 1,3-INDOLIZINEDIYL)BIS(METHYLENE(4-PHENYL-1,4-PIPERIDINEDIYL)))BISETHANONE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg UEBA6 14,38,76

KM5788000 ETHANONE, 1,1'-(9H-XANTHENE-2,7-DIYL)BIS(2-PIPERIDINO-, HYDROCHLORIDE, HYDRATE (2:4:7)
UPDT:8309 CAS: 37971-96-3 MW: 568.53 MOLFM: C27-H32-N2-O3 2Cl-H 7 2H2-O
SYN: 1,1'-(9H-XANTHENE-2,7-DIYL)BIS(2-PIPERIDINOETHANONE) HYDROCHLORIDE HYDRATE (2:4:7)

TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:250 mg/kg JMCMAR 19,1142,76

ETHANONE, 1-(TETRAHYDRO-5-HYDROXY-4-METHYL-3-FURANYL)- (9CI) see: OB6005000
ETHANOX see: TE4550000
ETHANOX 701 see: SK8265000
ETHANOX 736 see: GP3200000
ETHANOXYTRIPHETOL see: KK5550000
ETHANOYL CHLORIDE see: AO6390000
ETHAPERAZINE see: TL7175000
ETHAPHENE see: DO7350000
ETHAPHOS see: TF0370000
ETHAVAN see: CU6125000
ETHAVERINE see: NW7524000
ETHAVERINE HYDROCHLORIDE see: NW7524100
ETHAZATE see: ZH0350000
ETHAZOL see: XI3875000
ETHAZOLE (FUNGICIDE) see: XI3875000
ETHBENZAMIDE see: CV4900000
ETHCHLOROVYNOL see: SB4725000
ETHCHLORVINYL see: SB4725000
ETHCLORVYNOL see: SB4725000
ETHEFON see: SZ7100000
ETHEL see: SZ7100000
ETHENAMINE, 2-(1-(4-CHLOROPHENYL)-1-PHENYLETHOXY)-N,N-DIMETHYL-, HYDROCHLORIDE see: KR2975000
ETHENAMINE, N-ETHYL-N-NITROSO- (9CI) see: YZ0700000
ETHENAMINIUM, N,N,N-TRIMETHYL-, BROMIDE (9CI) see: BT3675000
ETHENAMINIUM, N,N,N-TRIMETHYL-, HYDROXIDE (9CI) see: BT3850000
ETHENE see: KU5340000
ETHENE, BROMOTRIFLUORO- (9CI) see: KU8830000
ETHENE, CHLORO- see: KU9625000
ETHENE, 2-CHLOROETHOXY- see: KN6300000

KM6557000 1,1-ETHENEDIAMINE, N-(2-(((5-((DIMETHYLAMINO)METHYL)-2-FURANYL)METHYL)THIO)ETHYL)-N'-METHYL- 2-NITRO-, HYDROCHLORIDE
UPDT:8408 CAS: 66357-35-5 MW: 352.93 MOLFM: C13-H24-N4-O3-S Cl-H
SYN: RANITIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07F12J22 orl-rat LD50:4190 mg/kg OYYAA2 26,147,83
3F07F12J22 ivn-rat LD50:136 mg/kg OYYAA2 26,147,83
3F07F12J22 orl-mus LD50:1440 mg/kg OYYAA2 26,147,83
3F07F12J22 ivn-mus LD50:83 mg/kg OYYAA2 26,147,83

KM6558000 1,1-ETHENEDIAMINE, N-(2-(((5-((DIMETHYLAMINO)METHYL)-2-FURANYL)METHYL)THIO)ETHYL)-N'-METHYL- 2-NITRO-, mixed with SODIUM NITRITE
UPDT:8303 MW: 383.45 MOLFM: C13-H22-N4-O3-S N-Na-O2
SYN: RANITIDINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with RANITIDINE

MUTATION DATA AND REFERENCES:
mmo-sat 39 ug/plate LANCAO 2,993,81
mma-sat 39 ug/plate LANCAO 2,993,81
dnr-esc 2500 ug/well LANCAO 2,993,81

KM6559000 1,1-ETHENEDIAMINE, N-(2-(((5-((DIMETHYLAMINO)METHYL)-2-FURANYL)METHYL)THIO)ETHYL)-N'-METHYL- 2-NITRO-, mixed with SODIUM NITRITE (1:2)
UPDT:8402 MW: 438.42 MOLFM: C12-H20-N4-O3-S 2N-Na-O2
SYN: RANITIDINE HYDROCHLORIDE mixed with SODIUM NITRITE (1:2) * SODIUM NITRITE mixed with RANITIDINE HYDROCHLORIDE (2:1)

MUTATION DATA AND REFERENCES:
dnd-rat-orl 255 mg/kg CRNGDP 4,1281,83
sce-mus-orl 255 mg/kg CRNGDP 4,1281,83

ETHENE, 1,2-DIBROMO-, (E)- (9CI) see: KV7900000
1,2-ETHENEDICARBOXYLIC ACID, trans- see: LS9625000
ETHENE, 1,1-DICHLORO- see: KV9275000
ETHENE, 1,1-DICHLORO-, polymer with CHLOROETHENE (9CI) see: KV9750000
ETHENE, 1,1-DICHLORO-2,2-DIFLUORO see: KV9470000
(E)-N,N'-1,2-ETHENEDIYLBIS-1-AZIRIDINECARBOXAMIDE see: CM6791000
ETHENE, ETHOXY see: KO0710000
ETHENE, 1,1'-OXYBIS- see: YZ6700000
ETHENE POLYMER see: TQ3325000
ETHENE, TETRACHLORO- see: KX3850000
ETHENE, TETRAFLUORO-, HOMOPOLYMER see: KX4025000
ETHENE, (2,2,2-TRIFLUOROETHOXY)- see: KO4250000
ETHENOL, 2,2-DICHLORO-, DIMETHYL PHOSPHATE see: TC0350000
ETHENOL HOMOPOLYMER (9CI) see: TR8100000

KM7758000 6,14-ETHENOMORPHINAN-7-METHANOL, 17-(CYCLOPROPYLMETHYL)-alpha-(1,1-DIMETHYLETHYL)-4,5-EPOXY- 18,19-DIHYDRO-3-HYDROXY-6-METHOXY-alpha-METHYL-, HYDROCHLORIDE, (5-alpha,7-alpha(S))-
UPDT:8402 CAS: 53152-21-9 MW: 504.17 MOLFM: C29-H41-N-O4 Cl-H
SYN: BUPRENORPHINE HYDROCHLORIDE * M-6029 * MR 56 * NIH 8805

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T75T85T86 ims-rat TDLo:1350 ug/kg (17-22D preg/21D post) IYKEDH 13,532,82
1T16 ims-rat TDLo:300 ug/kg (17-22D preg) IYKEDH 13,532,82
2T46T81 ims-rat TDLo:550 ug/kg (7-17D preg) IYKEDH 13,509,82
1T02 ims-rat TDLo:7 mg/kg (35D male) IYKEDH 13,486,82

TOXICITY DATA AND REFERENCES:
1J26 ivn-rat LD50:62 mg/kg IYKEDH 13,486,82
3F12F17L30 orl-mus LD50:800 mg/kg IYKEDH 13,486,82
1J26 ivn-mus LD50:72 mg/kg IYKEDH 13,486,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KM7780000 3b,11-ETHENO-3bH-NAPHTH(2,1-e)ISOINDOLE-6-CARBOXYLIC ACID, 1,2,3,3a,4,5,5a,6,7,8,9,9a,9b,10, 11,11a-HEXADECAHYDRO-6,9a-DIMETHYL-1,3-DIOXO-12-ISOPROPYL-2-(PIPERIDINOMETHYL)-
UPDT:8408 MW: 496.76 MOLFM: C30-H44-N2-O4
SYN: MPA N-(PIPERIDINOMETHYL)IMIDE

TOXICITY DATA AND REFERENCES:
2F12J25 ivn-mus LD50:132 mg/kg PCJOAU 12,617,78

ETHENONE see: OA7700000
1-ETHENOXY-2-ETHYLHEXANE see: KO0175000
ETHENYL ACETATE see: AK0875000
ETHENYLAMINE, N-ETHYL-N-NITROSO- see: YZ0700000
ETHENYLAMINE, N-METHYL-N-NITROSO- see: YZ0875000
ETHENYLBENZENE see: WL3675000
ETHENYLBENZENE HOMOPOLYMER see: WL6475000
ETHENYLBENZENE POLYMER with 1,3-BUTADIENE (9CI) see: WL6478000
4-ETHENYL-1-CYCLOHEXENE see: GW6650000
S-ETHENYL-L-HOMOCYSTEINE see: MT0310000
2-ETHENYL-6-METHYLPYRIDINE see: UT2974000 PYRIDINE, 2-ETHENYL-6-METHYL-
ETHENYLOXYETHENE see: YZ6700000
1-ETHENYL-2-PYRROLIDINONE (9CI) see: UY6107000
1-ETHENYL-2-PYRROLIDINONE, POLYMER with 2-METHYLENE-1,3-PROPANEDIYL BIS(METHYLCARBAMATE) see: UY5768800
1-ETHENYL-2-PYRROLIDINONE POLYMERS see: TR8370000
ETHENZAMID see: CV4900000
ETHENZAMIDE see: CV4900000
ETHEPHON see: SZ7100000
ETHER see: KI5775000
ETHER, ALLYL 2,3-EPOXYPROPYL see: RR0875000

KM9120000 ETHER, ALLYL ETHYL
UPDT:8403 CAS: 557-31-3 MW: 86.15 MOLFM: C5-H10-O
SYN: ALLYL ETHYL ETHER (DOT) * 3-ETHOXY-1-PROPENE * ETHYL ALLYL ETHER * 1,3-PROPENE, 3-ETHOXY- (9CI) * UN 2335 (DOT)

STANDARDS & REGULATIONS:
★ DOT IMO:FLAMMABLE LIQUID, LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983.

ETHER, ALLYL GLYCERYL see: TY2700000

KM9280000 ETHER, ALLYL 2,2,2-TRIFLUOROETHYL
UPDT:8406 MW: 138.10 MOLFM: C5-H5-F3-O

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

SYN: TFAE * 2,2,2-TRIFLUOROETHYL ALLYL ETHER
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:3500 mg/kg TXAPA9 71,84,83
ETHER, BENZYL p-(beta-BROMO-m-FLUORO-alpha-PHENYLSTYRYL)PHENYL (Z)- see: KU6320000
ETHER, BENZYL p-(beta-BROMO-o-FLUORO-alpha-PHENYLSTYRYL)PHENYL (E)- see: KU6330000
ETHER, BENZYL p-(beta-BROMO-o-FLUORO-alpha-PHENYLSTYRYL)PHENYL (Z)- see: KU6340000
ETHER, BENZYL p-(beta-BROMO-p-FLUORO-alpha-PHENYLSTYRYL)PHENYL (E)- see: KU6310000
ETHER, BENZYL p-(beta-BROMO-p-FLUORO-alpha-PHENYLSTYRYL)PHENYL (Z)- see: KU6350000
ETHER, BENZYL p-(o-FLUORO-alpha-PHENYLSTYRYL)PHENYL see: KU6400000

KM9620000 ETHER, BENZYL ISOPENTYL
UPDT:8305 CAS: 122-73-6 MW: 178.30 MOLFM: C12-H18-O
SYN: BENZYL ISOAMYL ETHER * BENZYL ISOPENTYL ETHER * ISOAMYL BENZYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,647,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KM9625000 ETHER, BIS(4-AMINO-3-CHLOROPHENYL)
UPDT:8401 CAS: 28434-86-8 MW: 269.14 MOLFM: C12-H10-Cl2-N2-O
SYN: BIS(4-AMINO-3-CHLOROPHENYL) ETHER * 3,3'-DICHLOR-4,4'-DIAMINO-DIPHENYLAETHER (German) * 3,3'-DICHLORO-4,4'-DIAMINODIPHENYL ETHER * 4,4'-OXYBIS(2-CHLOROANILINE) * 4,4'-OXYBIS(2-CHLORO-BENZENAMINE)
TUMORIGENIC DATA AND REFERENCES:
2V01D45 scu-rat TDLo:11 gm/kg/27W-I NATWAY 57,676,70
2V01L60 scu-rat TD :14 gm/kg/96W-I NATWAY 64,394,77
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 16,309,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHER, BIS(BUTOXYETHYL) see: KN0350000

KN0350000 ETHER, BIS(2-BUTOXYETHYL)
UPDT:8407 CAS: 112-73-2 MW: 218.38 MOLFM: C12-H26-O3
SYN: BIS(2-BUTOXYETHYL) ETHER * BUTANE, 1,1'-(OXYBIS(2,1-ETHANEDIYLOXY))BIS- * BUTYL DIGLYME * 2,2'-DIBUTOXYETHYL ETHER * DIBUTYL CARBITOL * DIETHYLENEGLYCOLDIBUTYL ETHER * DIETHYLENE GLYCOL DI-n-BUTYL ETHER * ETHER, BIS(BUTOXYETHYL) * 5,8,11-TRIOXAPENTADECANE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 4/21/67
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3900 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:4040 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KN0525000 ETHER, BIS(2-(2-CHLOROETHOXY)ETHYL)
UPDT:8307 CAS: 638-56-2 MW: 231.14 MOLFM: C8-H16-Cl2-O3
SYN: 1,11-DICHLORO-3,6,9-TRIOXAUNDECANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:180 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:1620 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN0700000 ETHER, BIS(1-CHLOROETHYL)
UPDT:8401 CAS: 6986-48-7 MW: 143.02 MOLFM: C4-H8-Cl2-O
SYN: BIS(alpha-CHLOROETHYL) ETHER * 1,1'-OXYBIS(1-CHLOROETHANE)
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:648 mg/kg/54W-I JNCIAM 48,1431,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN0875000 ETHER, BIS(2-CHLOROETHYL)
UPDT:8408 CAS: 111-44-4 MW: 143.02 MOLFM: C4-H8-Cl2-O
SYN: BIS(beta-CHLOROETHYL) ETHER * BIS(2-CHLOROETHYL) ETHER * CHLOREX * 1-CHLORO-2-(beta-CHLOROETHOXY)ETHANE * CHLOROETHYL ETHER * CLOREX * DCEE * 2,2'-DICHLOROETHYLETHER (Dutch) * 2,2'-DICHLOR-DIAETHYLAETHER (German) * 2,2'-DICHLORETHYL ETHER * beta,beta-DiCHLORODIETHYL ETHER * DICHLOROETHER * DICHLOROETHYL ETHER * DI(beta-CHLOROETHYL)ETHER * DI(2-CHLOROETHYL) ETHER * beta,beta'-DICHLOROETHYL ETHER * sym-DICHLOROETHYL ETHER * 2,2'-DICHLOROETHYL ETHER * DICHLOROETHYL ETHER (DOT) * DICHLOROETHYL OXIDE * 2,2'-DICLOROETILETERE (Italian) * DWUCHLORODWUETYLOWY ETER (Polish) * ENT 4,504 * ETHANE, 1,1'-OXYBIS(2-CHLORO- * ETHER DICHLORE (French) * 1,1'-OXYBIS(2-CHLORO)ETHANE * OXYDE DE CHLORETHYLE (French) * RCRA WASTE NUMBER U025 * UN 1916 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
skn-rbt 500 mg open MLD UCDS** 12/29/71
eye-rbt 20 mg AJOPAA 29,1363,46
MUTATION DATA AND REFERENCES:
mmo-sat 1 mL/plate/2H DHEFDK FDA-78-1046,78
TUMORIGENIC DATA AND REFERENCES:
3V01L60P62 orl-mus TDLo:33 gm/kg/79W-C JNCIAM 42,1101,69
2V03V10 scu-mus TDLo:2400 mg/kg/60W-I JNCIAM 48,1431,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:75 mg/kg JIHTAB 30,63,48
* ihl-rat LC50:330 mg/m3/4H 85GMAT -,45,82
* orl-mus LD50:112 mg/kg 85GMAT -,45,82
* ihl-mus LC50:650 mg/m3/2H 85GMAT -,45,82
skn-rbt LD50:720 mg/kg UCDS** 12/29/71
* skn-gpg LD50:300 mg/kg JIHTAB 30,63,48
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85CVA2 5,250,70; BNYMAM 54,413,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,117,75
★ TLV-TWA 5 ppm; STEL 10 ppm (skin) DTLVS* 4,131,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 15 ppm (skin) (SCP-V) FEREAC 39,23540,74
★ DOT-IMO-POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1004
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0682-0449 S
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN1575000 ETHER, BIS(CHLOROMETHYL)
UPDT:8411 CAS: 542-88-1 MW: 114.96 MOLFM: C2-H4-Cl2-O
SYN: BCME * BIS(CHLOROMETHYL) ETHER * BIS-CME * CHLORO(CHLOROMETHOXY)METHANE * CHLOROMETHYL ETHER * DICHLORDIMETHYLAETHER (German) * sym-DICHLORO-DIMETHYL ETHER * sym-DICHLORODIMETHYL ETHER (DOT) * sym-DICHLOROMETHYL ETHER * DIMETHYL 1,1-DICHLOROETHER * METHANE, OXYBIS(CHLORO- * OXYBIS(CHLOROMETHANE) * RCRA WASTE NUMBER P016 * UN 2249 (DOT)
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate BJCAAI 37,873,78
dns-hmn:fbr 160 ug/L TXCYAC 21,151,81
dns-mus-skn 360 umol/kg CNREAB 33,769,73
dni-mus-skn 360 umol/kg CNREAB 33,769,73
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
TUMORIGENIC DATA AND REFERENCES:
3V01D09J60 ihl-rat TCLo:100 ppb/6H/4W-I AEHLAU 30,73,75
2V01V10 scu-rat TDLo:375 mg/kg/43W-I JNCIAM 43,481,69
2V02J60 ihl-mus TCLo:100 ppb/6H/26W-I TXAPA9 58,269,81
2V03R60 skn-mus TDLo:5520 mg/kg/23W-I AEHLAU 16,472,68
2V02V10 ipr-mus TDLo:50 mg/kg/61W-I CNREAB 35,2553,75
2V02V10 scu-mus TDLo:384 mg/kg/42W-I CNREAB 40,352,80
2V02V10 scu-mus TD :640 mg/kg/53W-I CNREAB 35,2553,75
2V03J60 ihl-rat TC :100 ppb/6H/6W-I PAACA3 21,106,80
3V02J60R21 scu-mus TD :12500 ug/kg TXAPA9 15,92,69
3V02D09J60 ihl-rat TC :100 ppb/6H/26W-I TXAPA9 58,269,81
2V03V08 ihl-mus TC :1 ppm/82D-I AEHLAU 22,663,71
3V01D09J60 ihl-rat TC :75 ppb/6H/2Y-I JJINDB 68,597,82
3V01R60V10 skn-mus TD :11 gm/kg/44W-I JNCIAM 43,481,69
TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-man TCLo:3 ppm TJSGAB 51,596,73
1J30 ihl-man LCLo:100 ppm/3M TJSGAB 51,596,73
orl-rat LD50:210 mg/kg AIHAAP 30,470,69
ihl-rat LC50:7 ppm/7H AEHLAU 30,61,75
1V08 ihl-mus LC50:25 mg/m3/6H AEHLAU 22,663,71
skn-rbt LD50:280 mg/kg AIHAAP 30,470,69
ihl-ham LC50:7 ppm/7H AEHLAU 30,61,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ZHPMAT 166,113,78
★ CARCINOGENIC REVIEW:HUMAN POSITIVE IARC** 4,231,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,231,74
★ TLV-TWA 1 ppb DTLVS* 4,91,80
★ TLV-HUMAN CARCINOGEN DTLVS* 4,91,80
STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39,3756,74
★ DOT-IMO-POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0180-0324
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN1750000 ETHER, BIS(2-CHLORO-1-METHYLETHYL)
UPDT:8412 CAS: 108-60-1 MW: 171.08 MOLFM: C6-H12-Cl2-O
SYN: BIS(2-CHLOROISOPROPYL) ETHER * BIS(2-CHLORO-1-METHYLETHYL) ETHER * (2-CHLORO-1-METHYLETHYL) ETHER * DICHLORODIISOPROPYL ETHER * DICHLOROISOPROPYL ETHER * 2,2'-DICHLOROISOPROPYL ETHER * DICHLOROISOPROPYL ETHER (DOT) * NCI-C50044 * RCRA WASTE NUMBER U027 * UN 2490 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 4,119,51
MUTATION DATA AND REFERENCES:
mmo-sat 1 mL/plate/3H DHEFDK FDA-78-1046,78
mma-sat 1 mL/plate/3H DHEFDK FDA-78-1046,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:240 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:700 ppm/5H BJIMAG 27,1,70
skn-rbt LD50:3000 mg/kg AMIHBC 4,119,51
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;RAT (NCITR* NCI-CG-TR-191,79)
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN1770000 ETHER, BIS(2-CHLORO-1-METHYLETHYL) mixed with 2-CHLORO-1-METHYLETHYL 2-CHLOROPROPYL ETHYL ETHER (7:3)
MW: 171.08 MOLFM: C6-H12-Cl2-O
SYN: BIS(2-CHLORO-1-METHYLETHYL)ETHER mixed with 2-CHLORO-2-METHYLETHYL-(2-CHLOROPROPYL) ETHER
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-mus TDLo:51500 mg/kg/2Y-I NTPTR* NTP-TR-239,83
3V01J60L60 orl-mus TD :103 gm/kg/2Y-I NTPTR* NTP-TR-239,83
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NTPTR* NTP-TR-239,83)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHER, BIS(CHLOROPHENYL) see: KN8150000
ETHER, BIS(2-CYANOETHYL) see: UG4200000

KN2275000 ETHER, BIS(3,4-EPOXYBUTYL)
UPDT:8307 CAS: 10580-77-5 MW: 158.22 MOLFM: C8-H14-O3
SYN: BIS(3,4-EPOXYBUTYL)ETHER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1070 mg/kg AIHAAP 30,470,69
skn-rbt LD50:250 mg/kg AIHAAP 30,470,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHER, BIS(2,3-EPOXYCYCLOPENTYL) see: RN9100000

KN2350000 ETHER, BIS(2,3-EPOXYPROPYL)
UPDT:8401 CAS: 2238-07-5 MW: 130.16 MOLFM: C6-H10-O3
SYN: DGE * DI(2,3-EPOXY)PROPYL ETHER * DIGLYCIDYL ETHER * ETHER, DIGLYCIDYL
IRRITATION DATA AND REFERENCES:
skn-rbt 563 mg/3D SEV AMIHAB 14,250,56
eye-rbt 113 mg SEV AMIHAB 14,250,56
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 96,367,79
mma-sat 50 ug/plate MUREAV 66,367,79
TUMORIGENIC DATA AND REFERENCES:
2V03R60 unk-mus TDLo:1300 mg/kg RARSAM 3,193,63
TOXICITY DATA AND REFERENCES:
orl-rat LD50:450 mg/kg AMIHAB 14,250,56
ihl-rat LC50:200 ppm/8H AMIHAB 14,250,56
orl-mus LD50:170 mg/kg AMIHAB 14,250,56
ihl-mus LC50:30 ppm/4H AMIHAB 14,250,56
* ivn-mus LD50:100 mg/kg CSLNX* NX#00108
skn-rbt LD50:1500 mg/kg AMIHAB 14,250,56
2J16L01 ivn-rbt LDLo:200 mg/kg AEHLAU 2,31,61
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppb DTLVS* 4,143,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 0.5 ppm (SCP-F) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO GLYCIDYL ETHERS recm std-air:Cl 1 mg/m3/15M NTIS**
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 29, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BEST COPY AVAILABLE

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION; FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN3150000 ETHER, 2,6-BIS(2,3-EPOXYPROPYL)PHENYL 2,3-EPOXYPROPYL
UPDT:8307 CAS: 13561-08-5 MW: 262.33 MOLFM: C15-H18-O4
SYN: BIS(2,6-(2,3-EPOXYPROPYL))PHENYL GLYCIDYL ETHER * 2,6-DI(2,3-EPOXYPROPYL)PHENYL 2,3-EPOXYPROPYL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1620 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:2520 mg/kg TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

ETHER, BIS(2-(2-ETHOXYETHOXY)ETHYL) see: SB0350000

KN3160000 ETHER, BIS(2-ETHOXYETHYL)
UPDT:8305 CAS: 112-36-7 MW: 162.26 MOLFM: C8-H18-O3
SYN: BIS(2-ETHOXYETHYL)ETHER * DIETHYL CARBITOL * DIETHYLENE GLYCOL DIETHYL ETHER * 1-ETHOXY 2-(beta-ETHOXYETHOXY)ETHANE * ETHYL DIGLYME * 3,6,9-TRIOXAUNDECANE

IRRITATION DATA AND REFERENCES:
eye-rbt 50 mg MOD UCDS** 4/25/58

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4970 mg/kg UCDS** 4/25/58
skn-rbt LD50:6100 mg/kg NPIRI* 1,28,74
orl-gpg LD50:1850 mg/kg JIHTAB 23,259,41

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KN3175000 ETHER, BIS(2-ETHYLHEXYL)
UPDT:8407 CAS: 0143-60-9 MW: 242.50 MOLFM: C16-H34-O
SYN: DI-(2-ETHYLHEXYL) ETHER * HEXANE, 1,1'-OXYBIS(2-ETHYL-

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:34 gm/kg AMIHBC 10,61,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KN3240000 ETHER, BIS((2-HEXYLOXY-2-ETHOXY)ETHYL)
UPDT:8307 CAS: 63918-91-2 MW: 362.62 MOLFM: C20-H42-O5
SYN: 2-HEXYLOXY-2-ETHOXYETHYL ETHER * 2-HEXYLOXY-2-ETHYLOXYETHYL ETHER

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3730 mg/kg AIHAAP 30,470,69
skn-rbt LD50:6300 mg/kg AIHAAP 30,470,69

ETHER BIS-14-HYDROXY-IMINOMETHYLOPYRIDINE-(1)-METYLODICHLORIDE (Polish) see: UU6825000

ETHER, BIS(2-(2-METHOXYETHOXY)ETHYL) see: SB0400000

KN3350000 ETHER, BIS(alpha-METHYLBENZYL)
UPDT:8307 CAS: 93-96-9 MW: 226.34 MOLFM: C16-H18-O
SYN: alpha-METHYL BENZYL ETHER

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 7/3/67

TOXICITY DATA AND REFERENCES:
orl-rat LD50:9800 mg/kg UCDS** 7/3/67

KN3500000 ETHER, BIS(NONAFLUOROBUTYL)
UPDT:8408 CAS: 308-48-5 MW: 454.08 MOLFM: C8-F18-O
SYN: BUTANE, 1,1'-OXYBIS(1,1,2,2,3,4,4,4-NONAFLUORO- * DIPERFLUOROBUTYL ETHER * PERFLUORODIBUTYLETHER * PERFLUORO-n-DIBUTYL ETHER

TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:80 gm/m3/4H 85GMAT -,97,82
3F07F13J30 ihl-mus LC50:49500 mg/m3 TPKVAL 15,101,79
ipr-mus LDLo:512 mg/kg CBCCT* 3,361,51

KN3525000 ETHER, BIS(PENTABROMOPHENYL)
UPDT:8412 CAS: 1163-19-5 MW: 959.22 MOLFM: C12-Br10-O
SYN: BENZENE, 1,1'-OXYBIS(2,3,4,5,6-PENTABROMO- (9CI) * BERKFLAM B 10E * BR 55N * BROMKAL 83-10DE * BROMKAL 82-0DE * DBDPO * DECABROMOBIPHENYL ETHER * DECABROMOBIPHENYL OXIDE * DECABROMODIPHENYL OXIDE * DECABROMOPHENYL ETHER * DE 83R * ETHER, DECABROMODIPHENYL * FR 300 * FR 300BA * FRP 53 * NCI-C55287 * PENTABROMOPHENYL ETHER * SAYTEX 102 * SAYTEX 102E * TARDEX 100

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:100 mg/kg (6-15D preg) COTODO 1,52,74

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN3550000 ETHER, BISPHENOL DIGLYCIDYL (MODIFIED)
UPDT:8401
SYN: BISPHENOL DIGLYCIDYL ETHER, modified

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:470 gm/kg/39W-I AIHAAP 24,305,63
3V03R60V10 skn-mus TD :1200 gm/kg/2Y-I AIHAAP 24,305,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN3850000 ETHER, BIS(2-VINYLOXYETHYL)
UPDT:8408 CAS: 764-99-8 MW: 158.22 MOLFM: C8-H14-O3
SYN: DIETHYLENE GLYCOL DIVINYL ETHER * DVEDEG (Russian)

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3730 mg/kg AIHAAP 23,95,62
* orl-mus LD50:2570 mg/kg GISAAA 42(3),12,77
skn-rbt LD50:14100 mg/kg AIHAAP 23,95,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KN3950000 ETHER, 2-BROMOETHYL ETHYL
UPDT:8401 CAS: 592-55-2 MW: 153.04 MOLFM: C4-H9-Br-O
SYN: 2-BROMOETHOXYETHANE * 2-BROMOETHYL ETHYL ETHER * 2-BROMOETHYL ETHYL ETHER (DOT) * ETHANE, 1-BROMO-2-ETHOXY- (9CI) * 2-ETHOXYETHYL BROMIDE * UN 2340 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102.83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KN3990000 ETHER, alpha-(BROMOMETHYL)BENZYL BUTYL
UPDT:8408 CAS: 21269-98-7 MW: 257.20 MOLFM: C12-H17-Br-O
SYN: alpha-(BROMOMETHYL)BENZYL BUTYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4010000 ETHER, alpha-(BROMOMETHYL)BENZYL sec-BUTYL
UPDT:8408 CAS: 21269-99-8 MW: 257.20 MOLFM: C12-H17-Br-O
SYN: alpha-(BROMOMETHYL)BENZYL sec-BUTYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4020000 ETHER, alpha-(BROMOMETHYL)BENZYL 2-ETHYLHEXYL
UPDT:8408 CAS: 21270-00-8 MW: 313.32 MOLFM: C16-H25-Br-O
SYN: alpha-(BROMOMETHYL)BENZYL 2-ETHYLHEXYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4026000 ETHER, alpha-(BROMOMETHYL)-p-tert-BUTYLBENZYL OCTYL
UPDT:8408 CAS: 21270-06-4 MW: 369.44 MOLFM: C20-H33-Br-O
SYN: alpha-(BROMOMETHYL)-p-tert-BUTYLBENZYL OCTYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4027000 ETHER, alpha-(BROMOMETHYL)-m-CHLOROBENZYL sec-BUTYL
UPDT:8408 CAS: 21270-01-9 MW: 291.64 MOLFM: C12-H16-Br-Cl-O
SYN: alpha-(BROMOMETHYL)-m-CHLOROBENZYL sec-BUTYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4028000 ETHER, alpha-(BROMOMETHYL)-p-CHLOROBENZYL sec-BUTYL
UPDT:8408 CAS: 21395-07-3 MW: 291.64 MOLFM: C12-H16-Br-Cl-O
SYN: alpha-(BROMOMETHYL)-p-CHLOROBENZYL sec-BUTYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4029000 ETHER, alpha-(BROMOMETHYL)-m-CHLOROBENZYL 2-ETHYLHEXYL
UPDT:8408 CAS: 21270-02-0 MW: 347.76 MOLFM: C16-H24-Br-Cl-O
SYN: alpha-(BROMOMETHYL)-m-CHLOROBENZYL 2-ETHYLHEXYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4030000 ETHER, alpha-(BROMOMETHYL)-m-CYCLOHEXYLBENZYL 2-ETHYLHEXYL
UPDT:8408 CAS: 21270-17-7 MW: 395.48 MOLFM: C22-H35-Br-O
SYN: alpha-(BROMOMETHYL)-m-CYCLOHEXYLBENZYL 2-ETHYLHEXYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4031000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL 2-ETHYLHEXYL
UPDT:8408 CAS: 21270-16-6 MW: 395.48 MOLFM: C22-H35-Br-O
SYN: alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL 2-ETHYLHEXYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4032000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL HEXYL
UPDT:8408 CAS: 21270-14-4 MW: 367.42 MOLFM: C20-H31-Br-O
SYN: alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL HEXYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4033000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL OCTYL
UPDT:8408 CAS: 21270-15-5 MW: 395.48 MOLFM: C22-H35-Br-O
SYN: alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL OCTYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4034000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL PENTYL
UPDT:8408 CAS: 21270-13-3 MW: 353.39 MOLFM: C19-H29-Br-O
SYN: alpha-(BROMOMETHYL)-p-CYCLOHEXYLBENZYL PENTYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4035000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL BUTYL
UPDT:8408 CAS: 21270-09-7 MW: 325.33 MOLFM: C17-H25-Br-O
SYN: alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL BUTYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4036000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL 2-ETHYLHEXYL
UPDT:8408 CAS: 21270-12-2 MW: 381.45 MOLFM: C21-H33-Br-O
SYN: alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL 2-ETHYLHEXYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4037000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL OCTYL
UPDT:8408 CAS: 21270-11-1 MW: 381.45 MOLFM: C21-H33-Br-O
SYN: alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL OCTYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4038000 ETHER, alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL PENTYL
UPDT:8408 CAS: 21270-10-0 MW: 339.36 MOLFM: C18-H27-Br-O
SYN: alpha-(BROMOMETHYL)-p-CYCLOPENTYLBENZYL PENTYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4039000 ETHER, alpha-(BROMOMETHYL)-3,4-DICHLOROBENZYL 2-ETHYLHEXYL
UPDT:8408 CAS: 21270-03-1 MW: 382.20 MOLFM: C16-H23-Br-Cl2-O
SYN: alpha-(BROMOMETHYL)-3,4-DICHLOROBENZYL 2-ETHYLHEXYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4040000 ETHER, alpha-(BROMOMETHYL)-p-HEXYLBENZYL 2-ETHYLHEXYL
UPDT:8408 CAS: 21270-07-5 MW: 397.50 MOLFM: C22-H37-Br-O
SYN: alpha-(BROMOMETHYL)-p-HEXYLBENZYL 2-ETHYLHEXYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

* TOXICITY DATA HAVE NOT BEEN EVALUATED.

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

KN4041000 ETHER, alpha-(BROMOMETHYL)-p-ISOPROPYLBENZYL DODECYL
UPDT:8408 CAS: 21270-05-3 MW: 411.53 MOLFM: C23-H39-Br-O
SYN: alpha-(BROMOMETHYL)-p-ISOPROPYLBENZYL DODECYL ETHER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4042000 ETHER, alpha-(BROMOMETHYL)-p-ISOPROPYLBENZYL PENTYL
UPDT:8408 CAS: 21270-04-2 MW: 313.32 MOLFM: C16-H25-Br-O
SYN: alpha-(BROMOMETHYL)-p-ISOPROPYLBENZYL PENTYL ETHER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN4043000 ETHER, alpha-(BROMOMETHYL)-p-OCTYLBENZYL BUTYL
UPDT:8408 CAS: 21270-08-6 MW: 369.44 MOLFM: C20-H33-Br-O
SYN: alpha-(BROMOMETHYL)-p-OCTYLBENZYL BUTYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHER, BUTYL 2,3-EPOXYPROPYL see: TX4200000

KN4725000 ETHER, BUTYL ETHYL
UPDT:8407 CAS: 628-81-9 MW: 102.20 MOLFM: C6-H14-O
SYN: ETHER ETHYLBUTYLIQUE (French) * ETHYL BUTYL ETHER * ETHYL BUTYL ETHER (DOT) * UN 1179 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 500 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1870 mg/kg AMIHBC 4,119,51
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHER, BUTYL GLYCIDYL see: TX4200000

ETHER BUTYLIQUE (French) see: EK5425000

KN5240000 ETHER, BUTYL METHYL
UPDT:8312 CAS: 628-28-4 MW: 88.17 MOLFM: C5-H12-O
SYN: BUTANE, 1-METHOXY- (9CI) * BUTYL METHYL ETHER * BUTYL METHYL ETHER (DOT) * alpha-METHOXYBUTANE * 1-METHOXYBUTANE * METHYL BUTYL ETHER * METHYL n-BUTYL ETHER * UN 2350 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

KN5250000 ETHER, tert-BUTYL METHYL
CAS: 1634-04-4 MW: 88.17 MOLFM: C5-H12-O
SYN: METHYL tert-BUTYL ETHER * METHYL-tert-BUTYL ETHER (DOT) * METHYL 1,1-DIMETHYLETHYL ETHER * PROPANE, 2-METHOXY-2-METHYL- (9CI) * UN 2398 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KN5400000 ETHER, t-BUTYLPHENYL 2,3-EPOXYPROPYL
UPDT:8307 MW: 206.31 MOLFM: C13-H18-O2
SYN: tert-BUTYLPHENYL 2,3-EPOXYPROPYL ETHER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3730 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:5660 mg/kg AIHAAP 30,470,69

KN5775000 ETHER, 2-(BUTYLTHIO)ETHYL VINYL
UPDT:8307 CAS: 6607-49-4 MW: 160.30 MOLFM: C8-H16-O-S
SYN: 2-(BUTYLMERCAPTO)ETHYL VINYL ETHER * VINYL 2-(BUTYLMERCAPTOETHYL) ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:10 mg/kg AIHAAP 23,95,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN5950000 ETHER, BUTYL VINYL
UPDT:8408 CAS: 111-34-2 MW: 100.18 MOLFM: C6-H12-O
SYN: BUTANE, 1-(ETHENYLOXY)- * BUTOXYETHENE * BUTYL VINYL ETHER, inhibited (DOT) * UN 2352 (DOT) * VINYL BUTYL ETHER * VINYL n-BUTYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 6/28/73
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:10 gm/kg UCDS** 6/28/72
* ihl-mus LC50:62 mg/m3/2H 85GMAT -,119,82
* skn-rbt LD50:4240 mg/kg AMIHBC 10,61,54
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHER CHLORATUS see: KH7525000

KN6210000 ETHER, 2-CHLOROETHYL 2,3-DICHLOROALLYL
UPDT:8410 CAS: 84987-77-9 MW: 189.47 MOLFM: C5-H7-Cl3-O
MUTATION DATA AND REFERENCES:
mma-sat 15 nmol/plate MUREAV 136,55,84

KN6300000 ETHER, 2-CHLOROETHYL VINYL
UPDT:8407 CAS: 110-75-8 MW: 106.56 MOLFM: C4-H7-Cl-O
SYN: 2-CHLOROETHYL VINYL ETHER * (2-CHLOROETHOXY)ETHENE * 2-CHLOROETHYL VINYL ETHER * ETHENE, 2-CHLOROETHOXY- * RCRA WASTE NUMBER U042 * VINYL beta-CHLOROETHYL ETHER * VINYL 2-CHLOROETHYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 525 mg open SEV UCDS** 11/15/71
eye-rbt 500 mg open JIHTAB 31,60,49
TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg JIHTAB 31,60,49
ihl-rat LCLo:250 ppm/4H JIHTAB 31,343,49
* skn-rbt LD50:3354 mg/kg JIHTAB 31,60,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN6430000 ETHER, CHLOROMETHYL ETHYL
CAS: 3188-13-4
SYN: CHLOROMETHOXYETHANE * CHLOROMETHYL ETHYL ETHER * CHLOROMETHYL ETHYL ETHER (DOT) * ETHANE, (CHLOROMETHOXY)- (9CI) * ETHOXYCHLOROMETHANE * ETHOXYMETHYL CHLORIDE * ETHYL CHLOROMETHYL ETHER * UN 2354 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KN6650000 ETHER, CHLOROMETHYL METHYL
UPDT:8408 CAS: 107-30-2 MW: 80.52 MOLFM: C2-H5-Cl-O
SYN: CHLORDIMETHYLETHER (Czech) * CHLOROMETHYL METHYL ETHER * CMME * DIMETHYLCHLOROETHER * ETHER, DIMETHYL CHLORO * ETHER METHYLIQUE MONOCHLORE (French) * METHYLCHLOROMETHYL ETHER * METHYL CHLOROMETHYL ETHER, ANHYDROUS (DOT) * MONOCHLORODIMETHYL ETHER * RCRA WASTE NUMBER U046 * UN 1239 (DOT)
MUTATION DATA AND REFERENCES:
dni-hmn:lym 5 mL/L CALEDQ 13,213,81
TUMORIGENIC DATA AND REFERENCES:
3V03J60N60 ihl-rat TCLo:1 ppm/6H/72W AEHLAU 30,70,75
2V03J60 ihl-mus TCLo:2 ppm/82D-I AEHLAU 22,663,71
2V02V10 scu-mus TDLo:312 mg/kg/26W-I JNCIAM 46,143,71
2V03J60 ihl-ham TCLo:1 ppm/6H/90D AEHLAU 30,70,75
2V02V10 scu-mus TD :852 mg/kg/71W-I JNCIAM 48,1431,72
2V03J60 scu-mus TD :125 mg/kg TXAPA9 15,92,69
TOXICITY DATA AND REFERENCES:
orl-rat LD50:817 mg/kg 28ZPAK -,84,72
ihl-rat LC50:55 ppm/7H AEHLAU 30,61,75
* ihl-mus LC50:1030 mg/m3/2H 85GMAT -,89,82
ihl-ham LC50:65 ppm/7H AEHLAU 30,61,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; EESADV 1,289,77
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 4,239,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,239,74
STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39,3756,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.101,82
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN6741000 ETHER, m-CHLOROPHENYL p-NITROPHENYL
UPDT:8406 CAS: 2303-23-3 MW: 249.66 MOLFM: C12-H8-Cl-N-O3
SYN: BENZENE, 1-CHLORO-3-(4-NITROPHENOXY)- (9CI) * 3'-CHLORO-4-NITROBIPHENYL ETHER
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CBINAB 44,133,83
mma-sat 100 ug/plate CBINAB 44,133,83

KN6742000 ETHER, o-CHLOROPHENYL p-NITROPHENYL
UPDT:8406 CAS: 2091-61-4 MW: 249.66 MOLFM: C12-H8-Cl-N-O3
SYN: BENZENE, 1-CHLORO-2-(4-NITROPHENOXY)- (9CI) * 2'-CHLORO-4-NITROBIPHENYL ETHER
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate CBINAB 44,133,83
mma-sat 100 ug/plate CBINAB 44,133,83

KN6743000 ETHER, p-CHLOROPHENYL p-NITROPHENYL
UPDT:8406 CAS: 1836-74-4 MW: 249.66 MOLFM: C12-H8-Cl-N-O3
SYN: BENZENE, 1-CHLORO-4-(4-NITROPHENOXY)- (9CI) * 4'-CHLORO-4-NITROBIPHENYL ETHER
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CBINAB 44,133,83
mma-sat 100 ug/plate CBINAB 44,133,83

KN6799000 ETHER, 1-CHLORO-2,2,2-TRIFLUOROETHYL DIFLUOROMETHYL
UPDT:8412 CAS: 26675-46-7 MW: 184.50 MOLFM: C3-H2-Cl-F5-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T43T46T53 ihl-mus TCLo:6 ppt/4H (6-15D preg) TJADAB 29(2),54A,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN6800000 ETHER, 2-CHLORO-1,1,2-TRIFLUOROETHYL DIFLUOROMETHYL
UPDT:8408 CAS: 13838-16-9 MW: 184.50 MOLFM: C3-H2-Cl-F5-O
SYN: ANESTHETIC COMPOUND NO. 347 * 2-CHLORO-1-(DIFLUOROMETHOXY)-1,1,2-TRIFLUOROETHANE * 2-CHLORO-1,1,2-TRIFLUOROETHYL DIFLUOROMETHYL ETHER * COMPOUND 347 * ENFLURANE * ETHANE, 2-CHLORO-1-(DIFLUOROMETHOXY)-1,1,2-TRIFLUORO- * ETHRANE * METHYLFLURETHER * NSC-115944 * OHIO 347
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD FEPRA7 35,729,76
MUTATION DATA AND REFERENCES:
cyt-hmn:lym 1000 ppm ENVRAL 12,366,76
cyt-mus:fbr 1000 ppm ENVRAL 12,366,76
spm-mus-ihl 12000 ppm/4H/5D-I ANESAV 54,53,81
cyt-ckn-par 10 mg ENVRAL 12,366,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 ihl-rat TCLo:10700 ppt/8H (1-19D preg) EVHPAZ 21,211,77
1T34 ihl-rat TCLo:20 ppm/8H (28D pre/1-21D preg) BJANAD 53,203,81
1T87 ihl-rat TCLo:1500 ppm/6H (1-20D preg) AIPTAK 256,134,82
2T34T46 ihl-mus TCLo:1 pph/4H (6-15D preg) TJADAB 19,53A,79
3T41T43T46 ihl-mus TCLo:10000 ppm/4H (6-15D preg) ANESAV 54,505,81
1T53 ihl-mus TCLo:10000 ppm/4H (6-15D preg) ANESAV 54,505,81
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 ihl-mus TCLo:3000 ppm/4H/78W-I ANESAV 56,9,82
TOXICITY DATA AND REFERENCES:
1M11 ihl-hmn TCLo:1 pph/6H ANESAV 45,557,76
* orl-rat LD50:5450 mg/kg NIIRDN 6,143,82
* ihl-rat LC50:14000 ppm/3H IYKEDH 12,668,81
* ipr-rat LD50:6 gm/kg NIIRDN 6,143,82
* scu-rat LD50:29576 mg/kg IYKEDH 12,668,81
* orl-mus LD50:3 gm/kg NIIRDN 6,143,82
* ihl-mus LC50:8100 ppm/3H IYKEDH 12,668,81
* ipr-mus LD50:3900 mg/kg NIIRDN 6,143,82
* scu-mus LD50:66431 mg/kg IYKEDH 12,668,81
REVIEW AND REFERENCES:
★ TLV-TWA 75 ppm DTLVS* 4,167,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO WASTE ANESTHETIC GASES AND VAPORS recm std-air:CL 2 ppm/1H NTIS**
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN6825000 ETHER, 2-CHLORO-1,1,2-TRIFLUOROETHYL METHYL
UPDT:8407 CAS: 425-87-6 MW: 148.52 MOLFM: C3-H4-Cl-F3-O
SYN: 2-CHLORO-1,1,2-TRIFLUOROETHYL METHYL ETHER
IRRITATION DATA AND REFERENCES:
eye-rbt 2 mg open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5130 mg/kg AMIHBC 4,119,51
skn-rbt LD50:200 mg/kg AMIHBC 4,119,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN6900000 ETHER, 2-CHLORO-alpha,alpha,alpha-TRIFLUORO-p-TOLYL 3-ETHOXY-4-NITROPHENYL
UPDT:8403 CAS: 42874-03-3 MW: 361.72 MOLFM: C15-H11-Cl-F3-N-O4

SYN: 2-CHLORO-1-(3-ETHOXY-4-NITROPHENOXY)-4-TRIFLUOROMETHYLBENZENE * 2-CHLORO-alpha,alpha,alpha-TRIFLUORO-p-TOLYL 3-ETHOXY-4-NITROPHENYL ETHER * GOAL * OXYFLUORFEN * RH-2915

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5000 mg/kg — 85ARAE 2,201,77

ETHER CYANATUS see: UF9625000

ETHER, DECABROMODIPHENYL see: KN3525000

KN7510000 ETHER, DECYL METHYL
UPDT:8401 CAS: 7289-52-3 MW: 172.35 MOLFM: C11-H24-O
SYN: DECANE, 1-METHOXY- * DECYL METHYL ETHER * 1-METHOXYDECANE * METHYL DECYL ETHER * METHYL n-DECYL ETHER

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTOD7 20(Suppl),667,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KN7525000 ETHER, DIALLYL
UPDT:8407 CAS: 557-40-4 MW: 98.16 MOLFM: C6-H10-O
SYN: ALLYLETHER * DIALLYLETHER * DIALLYLETHER (DOT) * ETHER, PROPENYL * PROPENYL ETHER * 3,3'-OXYBIS(1-PROPENE) * UN 2360 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — JIHTAB 31,60,49
eye-rbt 20 mg open — JIHTAB 31,60,49

TOXICITY DATA AND REFERENCES:
orl-rat LD50:320 mg/kg — JPMSAE 63,1068,74
* skn-rbt LD50:600 mg/kg — JIHTAB 31,60,49

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON — CFRGBR 49,172,102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN7700000 ETHER, 2,6-DIALLYLPHENYL 2,3-EPOXYPROPYL
UPDT:8307 CAS: 40693-04-7 MW: 230.33 MOLFM: C15-H18-O2
SYN: 2,6-DIALLYLPHENYL 2,3-EPOXYPROPYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4490 mg/kg — TXAPA9 28,313,74
* skn-rat LD50:16 gm/kg — TXAPA9 28,313,74

ETHER, 4,4'-DIAMINODIPHENYL see: BY7900000

ETHER DICHLORE (French) see: KN0875000

KN7820000 ETHER, 2,2-DICHLORO-1,1-DIFLUOROETHYL METHYL
UPDT:8408 CAS: 76-38-0 MW: 164.97 MOLFM: C3-H4-Cl2-F2-O
SYN: ANALGIZER * ANECOTAN * 2,2-DICHLORO-1,1-DIFLUOROETHYL METHYL ETHER * ETHANE, 2,2-DICHLORO-1,1-DIFLUORO-1-METHOXY- * INGALAN * INGALAN (Russian) * INHALAN * METHOFLURANE * METHOXANE * METHOXYFLURANE * METHOXYFLURANE * METOXYFLURANE * METOFANE * METOXYFLURAN * METOXIFLURAN * MOF * NSC-110432 * PENTHRANE * PENTRAN * PENTRANE

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD — FEPRA7 35,729,76

MUTATION DATA AND REFERENCES:
cyt-hmn:lym 200 ppm/24H — ENVRAL 12,366,76
cyt-mus:fbr 100 ppm — ENVRAL 12,366,76
oms-ham:fbr 1 pph — ANESAV 43,21,75
cyt-ckn-par 10 mg — ENVRAL 12,366,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ihl-rat TCLo:100 ppm/8H (1-21D preg) — ANESAV 48,11,78
1T46 ihl-rat TCLo:400 ppm/8H (1-21D preg) — ANESAV 48,11,78
1T53 ihl-mus TCLo:2 ppm/4H (6-15D preg) — AACRAT 59,421,80
2T34T46 ihl-mus TCLo:2000 ppm/4H (6-15D preg) — AACRAT 59,421,80

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:140 mg/kg — 32ZWAA 8,275,74
1M12 ihl-hmn TCLo:3500 ppm/1H — CANJAE 21,294,74
ihl-rat LC50:123 gm/m3/4H — FATOAO 35,271,72
ihl-mus LC50:118 gm/m3/2H — FATOAO 35,271,72
1F25 orl-mam LD50:3600 mg/kg — GTPZAB 24(4),55,80
1F25 ihl-mam LC50:34 gm/m3 — GTPZAB 24(4),55,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 16,67,76; KDYIA5 10,82,76; CANJAE 19,152,72; ARMCAH 25,411,74; AACRAT 57,328,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO WASTE ANESTHETIC GASES AND VAPORS recm std-air:CL 2 ppm/1H — NTIS**

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN8150000 ETHER, DICHLOROMETHYL METHYL
UPDT:8401 CAS: 4885-02-3 MW: 114.96 MOLFM: C2-H4-Cl2-O
SYN: alpha,alpha-DICHLOROMETHYL ETHER * alpha,alpha-DICHLOROMETHYL METHYL ETHER * ETHER, BIS(CHLOROPHENYL)

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:40 mg/kg — ANYAA9 163,633,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KN8225000 ETHER, DICHLOROPHENYL
UPDT:7901 CAS: 28675-08-3 MW: 239.10 MOLFM: C12-H8-Cl2-O
SYN: DICHLORO DIPHENYL OXIDE * PHENYL ETHER DICHLORO

TOXICITY DATA AND REFERENCES:
orl-gpg LDLo:1000 mg/kg — 14CYAT 2,1707,63

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (SCP-I) — FEREAC 39,23540,74

KN8300000 ETHER, (2,4-DICHLOROPHENYL) (3-METHOXY-4-NITROPHENYL)
UPDT:8308 CAS: 32861-85-1 MW: 314.13 MOLFM: C13-H9-Cl2-N-O4
SYN: CHLOMETHOXYNIL * 2,4-DICHLOROPHENYL 3-METHOXY-4-NITROPHENYL ETHER * DIPHENEX * X-52

MUTATION DATA AND REFERENCES:
mma-sat 300 ug/plate — KHFKDF 8,551,80
mma-sat 300 ug/plate — KHFKDF 8,551,80

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:18 gm/kg — AIDZAC 7(2),91,79
orl-mus LD50:33 gm/kg — 26ZEAL 5,234,76

KN8400000 ETHER, 2,4-DICHLOROPHENYL p-NITROPHENYL
UPDT:8412 CAS: 1836-75-5 MW: 284.10 MOLFM: C12-H7-Cl2-N-O3
SYN: BENZENE, 2,4-DICHLORO-1-(4-NITROPHENOXY)- * 2,4-DECHLOROPHENYL p-NITROPHENYL ETHER * 2,4-DICHLORO-4-NITRODIPHENYL ETHER * 2,4-DICHLORO-4'-NITRODIPHENYL ETHER * 4-(2,4-DICHLOROPHENOXY)NITROBENZENE * 2,4-DICHLORO-1-(4-NITROPHENOXY)BENZENE * 4-(2,4-DICHLOROPHENOXY)-1-NITROBENZENE * 2,4-DICHLOROPHENYL p-NITROPHENYL ETHER * 2,4-DICHLOROPHENYL 4-NITROPHENYL ETHER * FW 925 * MEZOTOX * NCI-C00420 * NICLOFEN * NIP * NITOFEN * NITRAFEN * NITRAPHEN * NITROCHLOR * 4-NITRO-2,4-DICHLORODIPHENYL ETHER * NITROFEN * NITROFENE (French) * NITROPHEN * NITROPHENE * PREPARATION 125 * TOK * TOK-2 * TOK E * TOK E-25 * TOK E-40 * TOKKORN * TOK WP-50 * TRIZILIN

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — 28ZPAK -,84,72
eye-rbt 100 mg/24H SEV — 28ZPAK -,84,72

MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — KHFKDF 8,551,80
mmo-sat 100 ug/plate — KHFKDF 8,551,80
otr-rat:emb 1500 ng/plate — JJATDK 1,190,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T45 orl-rat TDLo:115 mg/kg (11D preg) — TXCYAC 20,209,81
3T49T52T53 orl-rat TDLo:75 mg/kg (11D preg) — JTEHD6 11,679,83
1T86 orl-rat TDLo:113 mg/kg (8-16D preg) — SCIEAS 215,293,82
2T42T53 orl-rat TDLo:75 mg/kg (11D preg) — TJADAB 25(2),53A,82
1T81 orl-rat TDLo:100 mg/kg (11D preg) — TXCYAC 20,209,81
2T42T49 skn-rat TDLo:12 mg/kg (6-15D preg) — TXCYAC 28,37,83
3T45T52T53 skn-rat TDLo:120 mg/kg (6-15D preg) — TXCYAC 28,37,83
2T75T81 skn-rat TDLo:120 mg/kg (6-15D preg) — TXCYAC 28,37,83
1T45 unk-rat TDLo:13900 ug/kg (7-16D preg) — TJADAB 25(2),45A,82
1T42 unk-rat TDLo:125 mg/kg (7-16D preg) — TJADAB 25(2),45A,82
1T49 unk-rat TDLo:220 mg/kg (8-18D preg) — PHMCAA 19,178,77
1T75 unk-rat TDLo:352 mg/kg (8-18D preg) — PHMCAA 19,178,77
2T49T76 orl-mus TDLo:660 mg/kg (5-15D preg) — TJADAB 24(1),11A,81
3T75T86T91 orl-mus TDLo:1100 mg/kg (7-17D preg) — SCIEAS 215,293,82
2T81T91 orl-mus TDLo:138 mg/kg (7-17D preg) — TXAPA9 67,1,83
2T59T86 orl-mus TDLo:68750 ug/kg (7-17D preg) — TXAPA9 67,1,83
1T75 orl-mus TDLo:550 mg/kg (7-17D preg) — TXAPA9 67,1,83
1T42 unk-mus TDLo:550 mg/kg (5-14D preg) — TJADAB 25(2),41A,82
1T75 skn-mus TDLo:1100 mg/kg (7-17D preg) — TJADAB 25(2),45A,82
1T42 unk-mus TDLo:550 mg/kg (7-17D preg) — TJADAB 25(2),45A,82
2T42T53 unk-ham TDLo:500 mg/kg (7-11D preg) — TJADAB 25(2),45A,82

TUMORIGENIC DATA AND REFERENCES:
3V01H60L60 orl-rat TDLo:42 gm/kg/94W-C — NCITR* NCI-CG-TR-26,78
3V01L60J60 orl-mus TDLo:24 gm/kg/12W-C — JJINDB 65,937,80
3V01H60L60 orl-mus TD :200 gm/kg/78W-C — NCITR* NCI-CG-TR-184,79
3V01H60L60 orl-mus TD :308 gm/kg/78W-C — NCITR* NCI-CG-TR-26,78
3V01H60L60 orl-mus TD :114 gm/kg/58W-C — NCITR* NCI-CG-TR-26,78
3V01L60J60 orl-mus TD :47 gm/kg/12W-C — JJINDB 65,937,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:740 mg/kg — HYSAAV 32,20,67
skn-rat LD50:5000 mg/kg — AEHLAU 28,316,74
unk-rat LD50:3000 mg/kg — 30ZDA9 -,109,71
orl-mus LD50:450 mg/kg — HYSAAV 32,20,67
orl-cat LDLo:300 mg/kg — HYSAAV 32,20,67
ihl-cat LCLo:620 mg/m3/4H — HYSAAV 32,20,67
orl-rbt LD50:1620 mg/kg — 28ZEAL 5,166,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: APLMAS 107,54,83
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 30,271,83
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED — IARC** 30,271,83

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-26,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-184,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED,RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-184,79)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHER, DIGLYCIDYL see: KN2350000

KN8600000 ETHER, DIHEXYL
UPDT:8407 CAS: 112-58-3 MW: 186.38 MOLFM: C12-H26-O
SYN: DIHEXYL ETHER * HEXANE, 1,1'-OXYBIS- * HEXYL ETHER * N-HEXYL ETHER

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV — AMIHBC 10,61,54
skn-rbt 500 mg open MLD — UCDS** 7/13/71
eye-rbt 500 mg open — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:30900 mg/kg — AMIHBC 10,61,54
* skn-rbt LD50:6900 mg/kg — AMIHBC 10,61,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHER, DIMETHYL see: PM4780000

KN8830500 ETHER, 2-(N,N-DIMETHYLAMINO)ETHYL VINYL
UPDT:8307 CAS: 3622-76-2 MW: 115.20 MOLFM: C6-H13-N-O
SYN: VINYL 2-(N,N-DIMETHYLAMINO)ETHYL ETHER

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:180 mg/kg — TXAPA9 28,313,74
* ihl-rat LCLo:500 ppm/4H — TXAPA9 28,313,74
* skn-rbt LD50:1120 mg/kg — TXAPA9 28,313,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHER, DIMETHYL CHLORO see: KN6650000

KN8970000 ETHER, DIPHENYL
UPDT:8404 CAS: 101-84-8 MW: 170.22 MOLFM: C12-H10-O
SYN: BENZENE, PHENOXY- * BIPHENYL OXIDE * DIPHENYL ETHER * DIPHENYL OXIDE * GERANIUM CRYSTALS * PHENOXYBENZENE * PHENYL ETHER

IRRITATION DATA AND REFERENCES:
eye-rat 10 ppm/140H — TXAPA9 33,78,75
skn-rbt 500 mg/24H MLD — FCTXAV 12,707,74
eye-rbt 10 ppm/140H — TXAPA9 33,78,75

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3370 mg/kg — FCTXAV 12,707,74

REVIEW AND REFERENCES:
★ TLV-TWA 1 ppm; STEL 2 ppm (vapor) — DTLVS* 4,331,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ppm (SCP-F) — FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S72
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1178-0256

ETHER, DI-n-PROPYL- see: UJ5125000

ETHER, DIVINYL see: YZ6700000

ETHER, 2,3-EPOXYPROPYL PHENYL see: TZ3675000

ETHER ETHYLBUTYLIQUE (French) see: KN4725000

KO0175000 ETHER, 2-ETHYLHEXYL VINYL
UPDT:8407 CAS: 103-44-6 MW: 156.30 MOLFM: C10-H20-O
SYN: 1-ETHENOXY-2-ETHYLHEXANE * 2-ETHYLHEXYL VINYL ETHER * VINYL 2-ETHYLHEXYL ETHER

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AMIHBC 10,61,54
skn-rbt 500 mg open MLD — UCDS** 3,23,73
eye-rbt 500 mg open — AMIHBC 10,61,54

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1350 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:3560 mg/kg AMIHBC 10,61,54

ETHER ETHYLIQUE (French) see: KI5775000

KO0260000 ETHER, ETHYL METHYL
UPDT:8312 CAS: 540-67-0 MW: 60.11 MOLFM: C3-H8-O
SYN: ETHANE, METHOXY- * ETHYL METHYL ETHER * ETHYL METHYL ETHER (DOT) * METHANE, ETHOXY- * METHYL ETHYL ETHER * METHYL ETHYL ETHER (DOT) * UN 1039 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83

KO0525000 ETHER, ETHYL PROPENYL
UPDT:8307 CAS: 928-55-2 MW: 86.15 MOLFM: C5-H10-O
SYN: ETHYL 1-PROPENYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 8276 ug/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4660 mg/kg TXAPA9 28,313,74
* ihl-rat LCLo:8000 ppm/4H TXAPA9 28,313,74
* skn-rbt LD50:3970 mg/kg TXAPA9 28,313,74

KO0600000 ETHER, ETHYL PROPYL
UPDT:8312 CAS: 628-32-0 MW: 88.17 MOLFM: C5-H12-O
SYN: 1-ETHOXYPROPANE * ETHYL PROPYL ETHER * ETHYL n-PROPYL ETHER * ETHYL PROPYL ETHER (DOT) * PROPANE, 1-ETHOXY- (9CI) * PROPYL ETHYL ETHER * UN 2615 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

KO0705000 ETHER, ETHYL 2,2,2-TRIFLUOROETHYL
UPDT:8406 MW: 128.11 MOLFM: C4-H7-F3-O
SYN: TFEE * 2,2,2-TRIFLUOROETHYL ETHYL ETHER
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:5100 mg/kg TXAPA9 71,84,83

KO0710000 ETHER, ETHYL VINYL
UPDT:8312 CAS: 109-92-2 MW: 72.12 MOLFM: C4-H8-O
SYN: ETHENE, ETHOXY- * ETHER, VINYL ETHYL * ETHYL VINYL ETHER * EVE * UN 1302 (DOT) * VINAMAR * VINYL ETHYL ETHER * VINYL ETHYL ETHER, inhibited (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 11/15/71
MUTATION DATA AND REFERENCES:
sce-ham:ovr 17900 ppm ANESAV 50,426,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6153 mg/kg AIHAAP 30,470,69
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KO0875000 ETHER, HEXACHLOROPHENYL
UPDT:7901 CAS: 55720-99-5 MW: 376.86 MOLFM: C12-H4-Cl6-O
SYN: HEXACHLORO DIPHENYL OXIDE * PHENYL ETHER HEXACHLORO
TOXICITY DATA AND REFERENCES:
orl-gpg LDLo:50 mg/kg 14CYAT 2,1707,63
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (SCP-I) FEREAC 39,23540,74

ETHER HYDROCHLORIC see: KH7525000
ETHER, (2-HYDROXY)PROPYL (2-ETHOXY)ETHYL see: UB5300000

KO1100000 ETHER, 2'-HYDROXY-2,4,4'-TRICHLORODIPHENYL
UPDT:8402 CAS: 3380-34-5 MW: 289.54 MOLFM: C12-H7-Cl3-O2
SYN: CH 3565 * IRGASAN * IRGASAN DP300 * PHENOL, 5-CHLORO-2-(2,4-DICHLOROPHENOXY)- * PHENYL ETHER, 2'-HYDROXY-2,4,4'-TRICHLORO- * TCC * 2,4,4'-TRICHLORO-2'-HYDROXYDIPHENYL ETHER * TRICLOSAN
IRRITATION DATA AND REFERENCES:
skn-hmn 750 ug/3D-I MLD 85DKA8 -,127,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3700 mg/kg 26UZAB 6,245,68/70
skn-rat LD50:9300 mg/kg 26UZAB 6,245,68/70
scu-rat LD50:14700 mg/kg 26UZAB 6,245,68/70
ivn-rat LD50:19 mg/kg TXAPA9 42,1,77
orl-mus LD50:4530 mg/kg 26UZAB 6,245,68/70
3C08F07J26 ipr-mus LD50:184 mg/kg JTEHD6 10,699,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

ETHERIN see: TQ3325000

KO1225000 ETHER, 3-IODO-2-PROPYNYL 2,4,5-TRICHLOROPHENYL
UPDT:8403 CAS: 777-11-7 MW: 361.38 MOLFM: C9-H4-Cl3-I-O
SYN: HALOPROGIN * HALOTEX * 3-IODO-2-PROPYNYL 2,4,5-TRICHLOROPHENYL ETHER * M 1028 * MYCANDEN * MYCILAN * POLIK * 2,4,5-TRICHLOROPHENYL IODOPROPARGYL ETHER * 2,4,5-TRICHLOROPHENYL-gamma-IODOPROPARGYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/72h MLD TXAPA9 22,375,72
eye-rbt 1 mg/24H MLD TXAPA9 22,375,72
skn-pig 5 mg/24H MLD TXAPA9 22,375,72
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:152 mg/kg TXAPA9 22,375,72
ipr-mus LD50:183 mg/kg TXAPA9 22,375,72
ipr-dog LD50:250 mg/kg TXAPA9 22,375,72
orl-rbt LD50:1625 mg/kg TXAPA9 22,375,72
ipr-rbt LD50:137 mg/kg TXAPA9 22,375,72
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

KO1255000 ETHER, ISOBUTYL(2-NAPHTHYL)
UPDT:8305 CAS: 2173-57-1 MW: 200.30 MOLFM: C14-H16-O
SYN: beta-NAPHTHYL ISOBUTYL ETHER
TOXICITY DATA AND REFERENCES:
3F24K30R21 orl-rat LDLo:4750 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KO1300000 ETHER, ISOBUTYL VINYL
UPDT:8308 CAS: 109-53-5 MW: 100.18 MOLFM: C6-H12-O
SYN: ISOBUTYL VINYL ETHER * IVE * UN 1304 (DOT) * VINOFLEX MO 400 * VINYL ISOBUTYL ETHER * VINYL ISOBUTYL ETHER (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:17 gm/kg AIHAAP 23,95,62
ihl-rat LCLo:16000 ppm/4H AIHAAP 23,95,62
* skn-rbt LD50:20 gm/kg AIHAAP 23,95,62
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHER, ISOPROPYL see: TZ5425000
ETHER ISOPROPYLIQUE (French) see: TZ5425000
ETHER, 2-METHOXYETHYL VINYL- see: KI4900000
ETHER, METHYL see: PM4780000

KO1750000 ETHER, METHYL 1,2-DIBROMOHEPTAFLUOROISOBUTYL
UPDT:8405 CAS: 20404-94-8 MW: 371.90 MOLFM: C5-H3-Br2-F7-O
SYN: 1,2-DIBROMOHEPTAFLUOROISOBUTYL METHYL ETHER
TOXICITY DATA AND REFERENCES:
3F11J25U26 orl-mus LD50:1150 mg/kg TXAPA9 14,114,69
3F11J25U26 ipr-mus LD50:140 mg/kg TXAPA9 14,114,69

KO1925000 ETHER, METHYL HEPTAFLUOROISOBUTENYL
UPDT:8405 CAS: 360-53-2 MW: 212.08 MOLFM: C5-H3-F7-O
SYN: HEPTAFLUOROISOBUTYLENE METHYL ETHER
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1070 mg/kg TXAPA9 14,114,69
orl-rat LD50:1070 mg/kg TXAPA9 14,114,69
3F11J25U26 ipr-mus LD50:66 mg/kg TXAPA9 14,114,69
ivn-mus LD50:58 mg/kg TXAPA9 12,486,68

ETHER METHYLIQUE MONOCHLORE (French) see: KN6650000

KO2100000 ETHER, METHYL OCTAFLUOROISOBUTYL
UPDT:8405 CAS: 63919-03-9 MW: 232.09 MOLFM: C5-H4-F8-O
SYN: OCTAFLUOROISOBUTYL METHYL ETHER
TOXICITY DATA AND REFERENCES:
3F11J25U26 ipr-mus LD50:180 mg/kg TXAPA9 14,114,69

KO2230000 ETHER, METHYL PHENETHYL
UPDT:8401 CAS: 3558-60-9 MW: 136.21 MOLFM: C9-H12-O
SYN: BENZENE, (2-METHOXYETHYL)- (9CI) * KEWDA ETHER * (2-METHOXYETHYL)BENZENE * METHYL PHENETHYL ETHER * METHYL 2-PHENETHYL ETHER * METHYL PHENYLETHYL ETHER * PHENYLETHYL METHYL ETHER * beta-PHENYLETHYL METHYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),807,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4100 mg/kg FCTOD7 20(Suppl),807,82
* skn-rbt LD50:3970 mg/kg FCTOD7 20(Suppl),807,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHER, METHYL PHENYL see: BZ8050000

KO2280000 ETHER, METHYL PROPYL
UPDT:8312 CAS: 557-17-5 MW: 74.14 MOLFM: C4-H10-O
SYN: alpha-METHOXY PROPANE * 1-METHOXYPROPANE * METHYL PROPYL ETHER * METHYL n-PROPYL ETHER * METHYL PROPYL ETHER (DOT) * METOPRYL * NEOTHYL * PROPANE, 1-METHOXY- (9CI) * UN 2612 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

KO2282000 ETHER, METHYL 2,2,2-TRIFLUORO-1-(TRIFLUOROMETHYL)ETHYL
UPDT:8405 CAS: 13171-18-1 MW: 182.08 MOLFM: C4-H4-F6-O
SYN: HEXAFLUOROPROPYL METHYL ETHER * ISOINDOKLON * PROPANE, 1,1,1,3,3,3-HEXAFLUORO-2-METHOXY- (9CI)
TOXICITY DATA AND REFERENCES:
3F11J25U26 ipr-mus LD50:30 gm/kg TXAPA9 14,114,69

KO2300000 ETHER, METHYL VINYL
UPDT:8308 CAS: 107-25-5 MW: 58.09 MOLFM: C3-H6-O
SYN: METHYL VINYL ETHER * UN 1087 (DOT) * VINYL METHYL ETHER * VINYL METHYL ETHER (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4900 mg/kg 34ZIAG -,395,69
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KO2450000 ETHER, MONOCHLOROPHENYL
UPDT:7901 CAS: 55398-86-2 MW: 204.66 MOLFM: C12-H9-Cl-O
SYN: MONOCHLORO DIPHENYL OXIDE * PHENYL ETHER MONO-CHLORO
TOXICITY DATA AND REFERENCES:
orl-gpg LDLo:600 mg/kg 14CYAT 2,1707,63
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (SCP-I) FEREAC 39,23540,74

ETHER MONOETHYLIQUE DE L'ETHYLENE-GLYCOL (French) see: KK8050000
ETHER MONOMETHYLIQUE DE L'ETHYLENE-GLYCOL (French) see: KL5775000
ETHER MURIATIC see: KH7525000

KO2680000 ETHER, 4-NITROPHENYL PHENYL
UPDT:8403 CAS: 620-88-2 MW: 215.22 MOLFM: C12-H9-N-O3
SYN: BENZENE, 1-NITRO-4-PHENOXY- (9CI) * 4-NITROBIPHENYL ETHER * 4-NITRODIFENYLETHER (Czech) * p-NITRODIPHENYL ETHER * 4-NITRODIPHENYL ETHER * p-NITROPHENYL PHENYLETHER * 4-NITROPHENYL PHENYL ETHER
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,118,72
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 67,123,79
mma-sat 50 ug/plate MUREAV 67,123,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KO2695000 ETHER, p-NITROPHENYL 2,4,5-TRICHLOROPHENYL
UPDT:8412 CAS: 22532-68-9 MW: 318.54 MOLFM: C12-H6-Cl3-N-O3
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1775 skn-mus TDLo:98 mg/kg (8D preg) TJADAB 29(2),29A,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KO2700000 ETHER, p-NITROPHENYL 2,4,6-TRICHLOROPHENYL
UPDT:8405 CAS: 1836-77-7 MW: 318.54 MOLFM: C12-H6-Cl3-N-O3
SYN: BENZENE, 1,3,5-TRICHLORO-2-(4-NITROPHENOXY)- * CHLORNITROFEN * CNP * CNP 1032 * MC 338 * MC 1478 * MO * MO 338 * p-NITROPHENYL 2,4,6-TRICHLOROPHENYL ETHER * 2',4',6'-TRICHLORO-4-NITROBIPHENYL ETHER * 2,4,6-TRICHLORO-4'-NITRODIPHENYL ETHER * 2,4,6-TRICHLOROPHENYL 4-NITROPHENYL ETHER
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CBINAB 44,133,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:10800 mg/kg 85ARAE 2,195,77
* orl-mus LD50:11800 mg/kg FMCHA2 -,C160,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

KO2750000 ETHER, (p-NITROPHENYL) (alpha,alpha,alpha-TRIFLUORO-2-NITRO-p-TOLYL)
UPDT:8309 CAS: 15457-05-3 MW: 328.22 MOLFM: C13-H7-F3-N2-O5
SYN: C-6989 * 2,4'-DINITRO-4-TRIFLUOROMETHYL DIPHENYL ETHER * FLUORODIFEN * 2-NITRO-1-(4-NITROPHENOXY)-4-(TRIFLUOROMETHYL)BENZENE * p-NITROPHENYL 2-NITRO-4-(TRIFLUOROMETHYL) PHENYL ETHER * p-NITROPHENYL alpha,alpha,alpha-TRIFLUORO-2-NITRO-p-TOLYL ETHER * PREFORAN * SOYEX
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD CIGET* -,-,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9000 mg/kg FMCHA2 -,C194,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BEST COPY AVAILABLE

ETHEROL E see: TQ3325000
ETHERON see: TR7875000
ETHERON SPONGE see: TR7875000

KO3150000 ETHER, PENTACHLOROPHENYL
UPDT.7901 CAS: 42279-29-8 MW: 342.42 MOLFM: C12-H5-Cl5-O
SYN: PENTACHLORO DIPHENYL OXIDE * PHENYL ETHER PENTACHLORO
TOXICITY DATA AND REFERENCES:
unk-rbt LDLo:300 ug/kg AEPPAE 232,228,57
orl-gpg LDLo:100 mg/kg 14CYAT 2,1707,63
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (SCP-I) FEREAC 39,23540,74

ETHER, PHENYLGLYCIDYL see: TZ3675000
ETHER, PROPENYL see: KN7525000
ETHER, o-(2-PYRROLIDINYLETHOXY)PHENYL o-TOLYL, HYDROCHLORIDE see: SI7960000
ETHERSULFONATE see: DB5250000

KO4025000 ETHER, TETRACHLOROPHENYL
UPDT.7901 CAS: 31242-94-1 MW: 307.98 MOLFM: C12-H6-Cl4-O
SYN: PHENYL ETHER TETRACHLORO * TETRACHLORO DIPHENYL OXIDE
TOXICITY DATA AND REFERENCES:
orl-gpg LDLo:50 mg/kg 14CYAT 2,1707,63
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (SCP-I) FEREAC 39,23540,74

KO4200000 ETHER, TRICHLOROPHENYL
UPDT.8404 CAS: 57321-63-8 MW: 273.54 MOLFM: C12-H7-Cl3-O
SYN: CHLORINATED DIPHENYL OXIDE * PHENYL ETHER TRICHLORO * TRICHLORO DIPHENYL OXIDE
TOXICITY DATA AND REFERENCES:
orl-gpg LDLo:1200 mg/kg 14CYAT 2,1707,63
REVIEW AND REFERENCES:
★ TLV-TWA 500 ug/m3; STEL 2 mg/m3 DTLVS* 4,79,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (SCP-I) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S119
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

KO4250000 ETHER, 2,2,2-TRIFLUOROETHYL VINYL
UPDT.8406 CAS: 406-90-6 MW: 126.09 MOLFM: C4-H5-F3-O
SYN: ETHENE, (2,2,2-TRIFLUOROETHOXY)- * FLOROXENE * FLUOOXENE * FLUOROMAR * FLUOROXENE * FLUORXENE * FLUROXENE * 2,2,2-TRIFLUOROETHYL VINYL ETHER
MUTATION DATA AND REFERENCES:
mma-sat 3 pph/2H MUREAV 58,183,78
mma-sat 3 pph/2H MUREAV 58,183,78
mma-esc 3 pph/2H MUREAV 58,183,78
sce-ham:ovr 24700 ppm ANESAV 50,426,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T39 ihl-mky TCLo:8 pph/20M (22W preg) AANEAB 20,183,76
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:140 mg/kg 32ZWAA 8,275,74
° ipr-rat LD50:5600 mg/kg TXAPA9 71,84,83
ihl-mus LCLo:4 pph/1H BJANAD 48,399,76
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO WASTE ANESTHETIC GASES AND VAPORS recm std-air:CL 2 ppm/1H NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KO4550000 ETHER, 2,6,8-TRIMETHYLNONYL VINYL
UPDT.8407 CAS: 10141-19-2 MW: 212.42 MOLFM: C14-H28-O
SYN: VINYL 2,6,8-TRIMETHYLNONYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:1220 mg/kg AMIHBC 10,61,54
° skn-rbt LD50:5 gm/kg AMIHBC 10,61,54

ETHER, VINYL ETHYL see: KO0710000
ETHERYLATE see: DG0929000 BENZOIC ACID, 2-(ACETYLOXY)-, 2-(4-(ACETYLAMINO)PHENOXY)ETHYLESTER

KO4660800 ETHESDAMINE
UPDT.8309 CAS: 11029-29-1 MW: 200.33 MOLFM: C9-H16-N2-O-S
SYN: ANTIBIOTIC U-20207 * U-20207
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:60 mg/kg 85GDA2 5,79,81

ETHEVERSE see: SZ7100000
ETHICON PTFE see: KX4025000
ETHIDE see: KI1050000
ETHIDIUM see: SF7949800
ETHIDIUM AZIDE see: SF7942000
ETHIDIUM BROMIDE see: SF7950000
ETHIDIUM BROMIDE, TETRAMETHYL- see: SF8120000
ETHIDIUM CATION see: SF7949800
ETHIDOL see: RC8925000
ETHIENOCARB see: ZH1930000 ZINC, DICHLORO(4,4-DIMETHYL-5-(((METHYLAMINO)CARBONYL)OXY)IMINO)PENTANENITRILE)-, (T-4)-
ETHIMIDE see: NS0350000
ETHINA see: NS0350000
ETHINAMATE see: GV9275000
ETHINAMIDE see: NS0350000
ETHINE see: AO9600000
ETHINODIOL see: RC8961500
ETHINODIOL DIACETATE see: RC8963000
ETHINONE see: TU5570250
ETHINORAL see: RC8925000
17-alpha-ETHINYL-delta(sup 5)-ANDROSTENE-3-beta,17-beta-DIOL 3-CYCLOHEXYLPROPIONATE see: TU5570080
2-ETHINYLBUTANOL-2 see: SC4900000
1-ETHINYLCYCLOHEXYL CARBAMATE see: GV9275000
1-ETHINYLCYCLOHEXYL CARBONATE see: GV9275000
17-alpha-ETHINYL-3,17-DIHYDROXY-DELTA(sup 1,3,5)-ESTRATRIENE see: RC8925000
17-alpha-ETHINYL-3,17-DIHYDROXY-DELTA(sup 1,3,5)OESTRATRIENE see: RC8925000
ETHINYL ESTRADIOL see: RC8925000
17-ETHINYLESTRADIOL see: RC8925000
17-alpha-ETHINYLESTRADIOL see: RC8925000
17-alpha-ETHINYL-17-beta-ESTRADIOL see: RC8925000
17-ETHINYL-3,17-ESTRADIOL see: RC8925000
17-alpha-ETHINYLESTRADIOL 3-CYCLOPENTYL ETHER see: RC8948000
ETHINYL ESTRADIOL and DIMETHISTERONE see: BV8515250
ETHINYLESTRADIOL and ETHISTERONE (1:1000) see: TU5570270
ETHINYLESTRADIOL and MEDROXYPROGESTERONE ACETATE see: TU5010070
ETHINYLESTRADIOL mixed with MEGESTROL ACETATE see: TU4140000
ETHINYLESTRADIOL 3-METHYL ETHER see: RC8960000
17-alpha-ETHINYL ESTRADIOL 3-METHYL ETHER see: RC8960000
ETHINYLESTRADIOL 3-METHYL ETHER and NORETHYNODREL (1:50) see: RC9025000
ETHINYLESTRADIOL and METHYLTESTOSTERONE (1:300) see: BV8409500
ETHINYLESTRADIOL and NORETHINDRONE ACETATE see: RC8990000
ETHINYLESTRADIOL and NORGESTIMATE see: RC8943500
ETHINYL ESTRADIOL mixed with NORGESTREL see: JF8300000
ETHINYLESTRADIOL and (- -)-NORGESTREL see: JF8300100
ETHINYLESTRADIOL mixed with dl-NORGESTREL see: JF8300000
ETHINYLESTRADIOL mixt. with WY 3707 see: JF8300100
17-ETHINYL-5(10)-ESTRAENEOLONE see: RC8980000
17-alpha-ETHINYL-ESTRA(5,10)ENEOLONE see: RC8980000
17-alpha-ETHINYLESTRA-4-EN-17-beta-OL-3-ONE see: RC8975000
17-alpha-ETHINYLESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: RC8925000
ETHINYLESTRENOL see: RC8964300
delta(sup 4)-17-alpha-ETHINYLESTREN-17-beta-OL see: RC8964300
17-alpha-ETHINYL-5,10-ESTRENOLONE see: RC8980000
ETHINYLESTRIOL see: RC8925000
17-alpha-ETHINYL-13-beta-ETHYL-17-beta-HYDROXY-4-ESTREN-3-ONE see: JF8225000
17-alpha-ETHINYL-17-beta-HYDROXYESTR-4-ENE see: RC8964300
17-alpha-ETHINYL-17-beta-HYDROXY-delta(sup 4)-ESTREN-3-ONE see: RC8975000
17-alpha-ETHINYL-17-beta-HYDROXY-delta(sup 5(10))-ESTREN-3-ONE see: RC8980000
17-alpha-ETHINYL-17-beta-HYDROXYOESTR-4-ENE see: RC8964300
17-ETHINYL-11-beta-HYDROXYTESTOSTERONE 17-MONOACETATE see: TU5570190
17-alpha-ETHINYL-11-alpha-METHOXY-E(sub 2) see: RC8944500
17-alpha-ETHINYL-11-alpha-METHOXYESTRADIOL see: RC8944500
17-alpha-ETHINYL-11-alpha-METHOXYESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: RC8944500
17-alpha-ETHINYL-11-alpha-METHOXY-1,3,5(10)-ESTRATRIENE-3,17-beta-DIOL see: RC8944500
17-alpha-ETHINYL-17-beta-METHOXY-7-alpha-METHYL-4-ESTREN-3-ONE see: RC9044000 19-NOR 17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-METHOXY-7-alpha-METHYL-
17-alpha-ETHINYL-2-METHYL-8-alpha-E(sub 2) see: RC8945100
17-alpha-ETHINYL-16-beta-METHYL-8-alpha-E(sub 2) see: RC8945200
17-alpha-ETHINYL-2-METHYL-9-alpha-ESTRADIOL see: RC8945100
17-alpha-ETHINYL-16-beta-METHYL-8-alpha-ESTRADIOL see: RC8945200
17-alpha-ETHINYL-2-METHYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: RC8945100
17-alpha-ETHINYL-16-beta-METHYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: RC8945200
ETHINYLMETHYLETHYLCARBINOL see: SC4900000
ETHINYLNORTESTOSTERONE see: RC8975000
ETHINYL-19-NORTESTOSTERONE see: RC8975000
17-ETHINYL-19-NORTESTOSTERONE see: RC8975000
17-alpha-ETHINYL-19-NORTESTOSTERONE see: RC8975000
17-alpha-ETHINYL-delta(super)-5,10-19-NORTESTOSTERONE see: RC8980000
17-alpha-ETHINYL-19-NORTESTOSTERONE ACETATE see: RC8965000
17-alpha-ETHINYL-19-NORTESTOSTERONE-17-beta-ACETATE see: RC8965000
17-alpha-ETHINYL-19-NORTESTOSTERONE ENANTHATE see: RC8973000
ETHINYLOESTRADIOL see: RC8925000
17-ETHINYL-3,17-OESTRADIOL see: RC8925000
ETHINYLOESTRADIOL mixt. with LYNOESTRENOL see: RC8945400
ETHINYLOESTRADIOL 3-METHYL ETHER see: RC8960000
17-alpha-ETHINYL OESTRADIOL 3-METHYL ETHER see: RC8960000
ETHINYL OESTRADIOL mixed with NORETHISTERONE ACETATE see: RC8990000
ETHINYLOESTRADIOL mixed with NORGESTREL see: JF8300000
ETHINYLOESTRANOL see: RC8964300
ETHINYL-OESTRANOL see: RC8925000
17-alpha-ETHINYLOESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: RC8925000
17-alpha-ETHINYL-delta(sup 1,3,5(10))OESTRATRIENE-3,17-beta-DIOL see: RC8925000
ETHINYL OESTRENOL see: RC8964300
delta(sup 4)-17-alpha-ETHINYLOESTREN-17-beta-OL see: RC8964300
ETHINYLOESTRIOL see: RC8925000
ETHINYLTESTOSTERONE see: TU5570250
17-ETHINYLTESTOSTERONE see: TU5570250
ETHINYLTESTOSTERONE and HYDROXYPROGESTERONE CAPROATE see: TU5570265
ETHINYL TRICHLORIDE see: KX4550000
ETHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINOPHENOL see: BR2030000
ETHIOFENCARB see: FC2628000
ETHIOL see: TE4550000
ETHIOLACAR see: WM8400000
ETHIOLATE see: EZ7290000
ETHION see: TE4550000
ETHIONAMIDE see: NS0350000
ETHION (DOT) see: TE4550000
ETHIONIAMIDE see: NS0350000
ETHIONINE see: ES6825200
ETHIONINE see: ES6825300
ETHIONINE, DL- see: ES6825200
(- -)-ETHIONINE see: ES6825200
DL-ETHIONINE see: ES6825200
L-ETHIONINE see: ES6825300
ETHIOPHENCARB see: FC2628000
ETHIRIMOL see: UW7380000
ETHISTERONE see: TU5570250
ETHISTERONE and DIETHYLSTILBESTROL see: TU5570260
ETHISTERONE and ETHINYLESTRADIOL (1000:1) see: TU5570270
ETHLON see: TF4550000
ETHNINE see: QD1575000
ETHOATE METHYL see: TE0960000
ETHOBROM see: KM3500000
ETHOBROM see: KM3675000
ETHOCAINE see: DG2275000
ETHOCEL see: FJ5950000
ETHOCHLORVYNOL see: SB4725000
ETHODAN see: TE4550000
ETHODIN see: OD4725000
ETHODRYL CITRATE see: TL1225000
ETHOFAT O see: MD0880000
ETHOFAT O 15 see: MD0880000
ETHOFUMESATE see: PB1950000
ETHOGLUCID see: XF0700000
ETHOGLUCIDE see: XF0700000
ETHOHEXADIOL see: MO2625000
ETHOL see: MM0225000

KO9100000 ETHOMEEN C/15
UPDT.8307 CAS: 61791-14-8
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD FCTXAV 8,249,70
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:750 mg/kg FCTXAV 8,249,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

KO9275000 ETHOMEEN S/12
UPDT:8305 CAS: 61791-24-0
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1500 mg/kg FCTXAV 8 249,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KO9450000 ETHOMEEN S/15
UPDT:8401 CAS: 61791-24-0
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD FCTXAV 8,249,70
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1000 mg/kg FCTXAV 8,249,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KO9625000 ETHOMEEN T/15
UPDT:8307 CAS: 8051-58-9
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD FCTXAV 8,249,70
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg FCTXAV 8,249,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHONE see: RM6475000
ETHOPHYLLINE see: XH5600000
ETHOPROMAZINE see: SO4900000
ETHOPROP see: TE4025000
ETHOPROPAZINE see: SO4900000
ETHOPROPHOS see: TE4025000
ETHOSALICYL see: CV4900000
ETHOSPERSE LA-4 see: MD0875000
ETHOSPERSE LA 12 see: MD0875000
ETHOSPERSE LA 23 see: MD0875000
ETHOSUCCIMIDE see: WN2800000
ETHOSUCCINIMIDE see: WN2800000
ETHOSUXIDE see: WN2800000
ETHOSUXIMIDE see: WN2800000
ETHOTOIN see: MU2450000
ETHOVAN see: CU6125000
ETHOXOL 20 see: RK2975000
ETHOXOSE see: FJ5950000
m-ETHOXYACETANILIDE see: AM4300000
p-ETHOXYACETANILIDE see: AM4375000
3-ETHOXYACETANILIDE see: AM4300000
3'-ETHOXYACETANILIDE see: AM4300000
4-ETHOXYACETANILIDE see: AM4375000
4'-ETHOXYACETANILIDE see: AM4375000
ETHOXY ACETATE see: KK8225000
ETHOXYACETIC ACID see: AH3600000 ACETIC ACID, ETHOXY-
2-ETHOXYACETIC ACID see: AH3600000 ACETIC ACID, ETHOXY-
4'-ETHOXYACETOACETANILIDE see: AK5800000
4-ETHOXYACETOACETANILIDE see: AK5800000
4'-((4-ETHOXY-9-ACRIDINYL)AMINO)-3'-ETHOXYMETHANESULFONANILIDE see: FB0520000
4'-(4-ETHOXY-9-ACRIDINYLAMINO)-3'-METHOXYMETHANESULFONANILIDE HYDROCHLORIDE see: FB0520100
beta-ETHOXYACROLEIN see: AS1700000
3-ETHOXYACROLEIN see: AS1700000
o-ETHOXYANILINE see: SI6465300
p-ETHOXYANILINE see: SI6465500
2-ETHOXYANILINE see: SI6465300
4-ETHOXYANILINE see: SI6465500
4-ETHOXYANILINE HYDROCHLORIDE see: SI7051000
ETHOXYBENZALDEHYDE see: CU6100000
p-ETHOXYBENZALDEHYDE see: CU6100000
4-ETHOXYBENZALDEHYDE see: CU6100000
ETHOXYBENZAMIDE see: CV4870000
o-ETHOXYBENZAMIDE see: CV4900000
2-ETHOXYBENZAMIDE see: CV4900000
4-ETHOXYBENZENAMINE HYDROCHLORIDE see: SI7051000
4-ETHOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD3300000
1-(5(and 8)-ETHOXY-1,4-BENZODIOXAN-2-YLMETHYL)-4-(2-CHLOROETHYL)PIPERAZINE DIHYDROCHLORIDE see: TM0809500
7-ETHOXY-2H-1,3,4-BENZODITHIAZIN-3-IUM CHLORIDE see: DF4936790 2H-1,3,4-BENZODITHIAZIN-3-IUM, 7-ETHOXY-, CHLORIDE
p-ETHOXYBENZOIC ACID 2-(BENZYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG9870700
p-ETHOXYBENZOIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG9871000
p-ETHOXYBENZOIC ACID 2-(BUTYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG9871500
p-ETHOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG9876000
p-ETHOXYBENZOIC ACID (2-(DIMETHYLAMINO)-1-METHYLETHYL) ESTER HYDROCHLORIDE see: DG9878300
p-ETHOXYBENZOIC ACID 2-(ETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG9878700
p-ETHOXYBENZOIC ACID 2-(ISOBUTYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG9879800
p-ETHOXYBENZOIC ACID 2-(ISOPROPYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG9879900
p-ETHOXYBENZOIC ACID, 2-(METHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG9884000
2-(p-ETHOXYBENZYL)-4-HYDROXY-6-METHYL-5-PYRIMIDINEACETIC ACID ETHYL ESTER see: UV6264720
1-(p-ETHOXYBENZYL)-5-METHYLHYDROURACIL see: MX8910000
1-(p-ETHOXYBENZYL)-5-METHYL-2-THIOHYDROURACIL see: MX8910300
2-((o-ETHOXYBENZYL)OXY)MORPHOLINE HYDROCHLORIDE see: QE3840000
2-(2-ETHOXYBENZYLOXY)MORPHOLINE HYDROCHLORIDE see: QE3840000
1-(p-ETHOXYBENZYL)-2-THIOHYDROURACIL see: MX8910700
1-((4-ETHOXY(1,1'-BIPHENYL)-3-YL)METHYL)PYRROLIDINE see: UY1229500 PYRROLIDINE, 1-((4-ETHOXY(1,1'-BIPHENYL)-3-YL)METHYL)-
o-ETHOXYCARBANILIC AICD 2-HYDROXY-3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE see: FD8892800
p-ETHOXYCARBANILIC ACID ISOPROPYL ESTER see: FD8892900
3-ETHOXYCARBONYLAMINOPHENYL-N-PHENYLCARBAMATE see: FD0425000
N-(ETHOXYCARBONYL)AZIRIDINE see: CM6800000
S-alpha-ETHOXYCARBONYLBENZYL O,O-DIMETHYL PHOSPHORODITHIOATE see: AI7875000
S-alpha-ETHOXYCARBONYLBENZYL DIMETHYL PHOSPHOROTHIOLOTHIONATE see: AI7875000
ETHOXYCARBONYLDIAZOMETHANE see: AG5775000
ETHOXYCARBONYLETHYLENE see: AT0700000
N-ETHOXYCARBONYLETHYLENEIMINE see: CM6800000
ETHOXYCARBONYL-1-ETHYLENIMINE see: CM6800000
N(sub 1)-ETHOXYCARBONYL-N(sub 2)-HYDRAZINOPHTHALAZINE HYDROCHLORIDE HYDRATE see: FE2778500
4-ETHOXYCARBONYL-1-(2-HYDROXY-3-PHENOXYPROPYL) 4-PHENYLPIPERIDINE HYDROCHLORIDE see: NS5425000
ETHOXYCARBONYLMETHYL BROMIDE see: AF6000000
N-ETHOXYCARBONYL-N-METHYLCARBAMOYLMETHYL O,O-DIETHYL PHOSPHORODITHIOATE see: FB3850000
S-((ETHOXYCARBONYL)METHYLCARBAMOYL)METHYL O,O-DIETHYL PHOSPHORODITHIOATE see: FB3850000
S-(N-ETHOXYCARBONYL-N-METHYLCARBAMOYLMETHYL)-DIETHYL PHOSPHORODITHIOATE see: FB3850000
1-(ETHOXYCARBONYLMETHYL)-1-(3-(p-METHYLBENZYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4721000
3-ETHOXYCARBONYL-1-METHYL-4-PIPERIDYL p-AMINOBENZOATE HYDROCHLORIDE see: TM6317400
N-(ETHOXYCARBONYL)-3-(4-MORPHOLINYL)SYDNONE IMINE see: WU7677400
ETHOXYCHLOROMETHANE see: KN6430000
2-ETHOXY-6,9-DIAMINOACRIDINE LACTATE see: OD4725000
2-ETHOXY-6,9-DIAMINOACRIDINE LACTATE HYDRATE see: OD4725000
2-ETHOXY-6,9-DIAMINOACRIDINIUM LACTATE see: OD4725000
ETHOXY DIGLYCOL see: KK8750000
2-ETHOXY-2,3-DIHYDRO-3,3-DIMETHYL-5-BENZOFURANYLMETHANESULPHONATE see: PB1950000
6-ETHOXY-1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE see: VB8225000
3'-ETHOXY-4-DIMETHYLAMINOAZOBENZENE see: BX5575000
1-ETHOXY-3,7-DIMETHYL-2,6-OCTADIENE see: RG5362000
8-ETHOXY-2,6-DIMETHYLOCTENE-2 see: RH2242000
ETHOXYETHANE see: KI5775000
2-ETHOXYETHANOL see: KK8050000
2-ETHOXYETHANOL ACETATE see: KK8225000
2-ETHOXYETHANOL, ESTER with ACETIC ACID see: KK8225000
4-(1-ETHOXYETHENYL)-3,3,5,5-TETRAMETHYLCYCLOHEXANONE see: GW1470000
2-(2-ETHOXYETHOXY)ETHANOL see: KK8750000
2-(2-ETHOXYETHOXY)ETHANOL ACETATE see: KK8925000
1-ETHOXY-2-(beta-ETHOXYETHOXY)ETHANE see: KN3160000
2-(2-(2-ETHOXYETHOXY)ETHOXY)ETHANOL see: KK8950000
5-(1-(2-(2-ETHOXYETHOXY)ETHOXY)ETHOXY)-1,3-BENZODIOXOLE see: AB2831000
2-(2-ETHOXYETHOXY)ETHYL-3,4-(METHYLENEDIOXY)PHENYL ACETAL of ACETALDEHYDE see: AB2831000
2-ETHOXY-ETHYLACETAAT (Dutch) see: KK8225000
ETHOXYETHYL ACETATE see: KK8225000
beta-ETHOXYETHYL ACETATE see: KK8225000
2-ETHOXYETHYLACETATE see: KK8225000
ETHOXYETHYL ACRYLATE see: AS9800000
2-ETHOXYETHYL ACRYLATE see: AS9800000
2-ETHOXYETHYL BROMIDE see: KN3950000
beta-ETHOXYETHYLDICHLOROARSINE see: CH3325000
2-ETHOXYETHYLE ACETATE DE (French) see: KK8225000
1,1'-((1-ETHOXYETHYL)ETHANEDIYLIDENE)BIS(3-THIOSEMICARBAZIDE) see: ES2450000
ETHOXYETHYL ETHER of PROPYLENE GLYCOL see: UB5300000
(1-ETHOXYETHYL)GLYOXAL BIS(THIOSEMICARBAZONE) see: ES2450000
N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOYAZOLYL)-alpha-METHYL-4-MORPHOLINEACETAMIDE see: QD6480600 4-MORPHOLINEACETAMIDE, N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-alpha-METHYL
2-ETHOXYETHYL-2-PROPENOATE see: AS9800000
5-ETHOXY-2-ETHYL-4-PYRIMIDINOL see: UW6150000
O-6-ETHOXY-2-ETHYLPYRIMIDIN-4-YL O,O-DIMETHYL PHOSPHOROTHIOATE see: TF8350000
O-(6-ETHOXY-2-ETHYL-4-PYRIMIDINYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TF8350000
4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-2-METHYL-5-PYRIMIDINECARBOXAMIDE see: UV7714100
3'-ETHOXY-N-ETHYL-2',4',6'-TRIIODOSUCCINANILIC ACID see: WM4400000
2-ETHOXY-5-FLUOROBENZOIC ACID 3-(DIBUTYLAMINO)PROPYL ESTER HYDROCHLORIDE see: DG9879000
4-ETHOXY-3-FLUOROBENZOIC ACID 3-(DIBUTYLAMINO)PROPYL ESTER HYDROCHLORIDE see: DG9879010
2-ETHOXY-5-FLUOROBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG9879500
4-ETHOXY-3-FLUOROBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DG9879510
4-ETHOXY-3-FLUOROBENZOIC ACID 3-(DIETHYLAMINO)PROPYL ESTER HYDROCHLORIDE see: DG9879600
ETHOXYFORMIC ANHYDRIDE see: FF9800000
3-ETHOXY-4-HYDROXYBENZALDEHYDE see: CU6125000
4-ETHOXY-3-HYDROXYBENZALDEHYDE see: CU6125050
5-ETHOXY-6-HYDROXYISOPHTHALALDEHYDE see: NT2002500
4-(3-ETHOXY-2-HYDROXYPROPYL)-4'-FLUORO-1-PIPERAZINECARBOXANILIDE see: TL1318000
2-(1-(ETHOXYIMINO)BUTYL)-5-(2-(ETHYLTHIO)PROPYL)-3-HYDROXY-2-CYCLOHEXEN-1-ONE see: GW7191000
4-ETHOXY-2-ISOPROPYL-5-METHYLACETANILIDE see: AM4445000
ETHOXYLATED LAURYL ALCOHOL see: JR5955000
ETHOXYLATED LAURYL ALCOHOL see: MD0875000
ETHOXYLATED OCTYL PHENOL see: MD0907600
7-ETHOXY-12-METHYLBENZ(a)ANTHRACENE see: CW5600000
10-ETHOXYMETHYL-1:2-BENZANTHRACENE see: CW5425000
2-ETHOXY-N-(p-METHYLBENZYL)BENZAMIDE see: CV4911500 BENZAMIDE, 2-ETHOXY-N-(p-METHYLBENZYL)-
ETHOXYMETHYL CHLORIDE see: KN6430000
ETHOXYMETHYL N-(2,6-DICHLORO-m-TOLYL)ANTHRANILATE see: CB2975100
2-ETHOXY-4-METHYL-2,3-DIHYDRO-4H-PYRAN see: UP9100000
2-ETHOXY-4-METHYL-3,4-DIHYDROPYRAN see: UP9100000
2-((ETHOXY((1-METHYLETHYL)AMINO)PHOSPHINOTHIOYL)OXY)BENZOIC ACID 1-METHYLETHYL ESTER see: VO4395500
7-ETHOXYMETHYL-12-METHYLBENZ(a)ANTHRACENE see: CW5650000
4-ETHOXY-2-METHYL-5-MORPHOLINO-3(2H)-PYRIDAZINONE see: UR6493200
4-ETHOXY-2-METHYL-5-(4-MORPHOLINYL)-3(2H)-PYRIDAZINONE see: UR6493200 3(2H)-PYRIDAZINONE, 4ETHOXY-2-METHYL-5-MORPHOLINO-
(ETHOXYMETHYL)OXIRANE see: TZ3200000
2-(2-((5-ETHOXY-1-METHYL-6-OXO-1,6-DIHYDROPYRIDAZIN-4-YL)AMINO)ETHOXY)ACETIC ACID see: AH3715000
4-ETHOXY-N-(4-METHYL-1-PIPERAZINYL)-1-NAPHTHAMIDE DIHYDROCHLORIDE see: OK6960000
2-ETHOXY-4-METHYL-TETRAHYDROPYRAN see: UQ1450000
3'-ETHOXY-N-METHYL-2',4',6'-TRIIODOSUCCINANILIC ACID see: WM4420000
N-ETHOXY-MORPHOLINODIAZENIUM FLUOROBORATE see: HM3150000
2-ETHOXYNAPHTHALENE see: QJ6900000
2-ETHOXY-5-NITROANILINE see: BX9740000
ETHOXY-4-NITROPHENOXYPHENYLPHOSPHINE SULFIDE see: TB1925000
N-(4-ETHOXY-3-NITROPHENYL)ACETAMIDE see: AM4550000
2-(((2-ETHOXY-5-NITROPHENYL)METHYL)AMINO)ETHANOL see: KK8996000 ETHANOL, 2-(((2-ETHOXY-5-NITROPHENYL)METHYL)AMINO)-
2,2'-(((2-ETHOXY-5-NITROPHENYL)METHYL)IMINO)BISETHANOL see: KK8997000 ETHANOL, 2,2'-(((2-ETHOXY-5-NITROPHENYL)METHYL)IMINO)BIS-
ETHOXY-4-NITROPHENYLOXYETHYL-PHOSPHINEOXIDE see: SZ8020000
p-ETHOXYNITROSOBENZENE see: SI7943000
3-ETHOXY-2-OXOBUTYRALDEHYDE BIS(THIOSEMICARBAZONE) see: ES2450000
5-((5-ETHOXY-2-OXO-1,3,4-THIADIAZOL-3(2H)-YL)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE0875000

BEST COPY AVAILABLE

ETHOXYPHAS see: AI6825000
N-p-ETHOXYPHENETHYL-N,N-di-2-CHLOROETHYLAMINE see: SH0262000
2-((2-ETHOXYPHENOXY)METHYL)MORPHOLINE see: QE3940000
2-(2-ETHOXYPHENOXYMETHYL)TETRAHYDRO-1,4-OXAZINE see: QE3940000
N-para-ETHOXYPHENYLACETAMIDE see: AM4375000
N-(4-ETHOXYPHENYL)ACETAMIDE see: AM4375000
N-(4-ETHOXYPHENYL)ACETOHYDROXAMIC ACID see: AK8380000
1-((o-ETHOXYPHENYL)AMINOTHIOCARBONYL)-4-HYDROXY-4-PHENYL PIPERIDINE see: TM6120000
1-((p-ETHOXYPHENYL)AMINOTHIOCARBONYL)-4-HYDROXY-4-PHENYL PIPERIDINE see: TM6121000
4-(m-ETHOXY-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE see: TM3392450
1-(m-ETHOXY-alpha-PHENYLBENZYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE see: TM0811000
p-ETHOXYPHENYLBIGUANIDE HYDROCHLORIDE see: DU1826500
1-(p-ETHOXYPHENYL)BIGUANIDE HYDROCHLORIDE see: DU1826500
2-(4-ETHOXYPHENYL)-1,3-BIS(4-METHOXYPHENYL)GUANIDINE HYDROCHLORIDE see: MF2000000
2-ETHOXY-N-(1-PHENYLBUTYL)BENZAMIDE see: CV4913000 BENZAMIDE, 2-ETHOXY-N-(1-PHENYLBUTYL)-
1-(p-ETHOXYPHENYL)-1-DIETHYLAMINO-3-METHYL-3-PHENYLPROPANE HYDROCHLORIDE see: EI P4900000
2-(3-ETHOXYPHENYL)-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE see: XZ5478800
4-ETHOXY-7-PHENYL-3,5-DIOXA-6-AZA-4-PHOSPHAOCT-6-ENE-8-NITRILE 4-SULFIDE see: MO4740000
5-(m-ETHOXYPHENYL)-3-(o-ETHYLPHENYL)-s-TRIAZOLE see: XZ4850000
N-(p-ETHOXYPHENYL)FORMOHYDROXAMIC ACID see: LR0996000
N-(p-ETHOXYPHENYL)HYDROXYLAMINE see: NC3566500
N-(o-ETHOXYPHENYL)-4-HYDROXY-4-PHENYL-THIO-1-PIPERIDINECARBOXAMIDE see: TM6120000
N-(p-ETHOXYPHENYL)-4-HYDROXY-4-PHENYL-THIO-1-PIPERIDINECARBOXAMIDE see: TM6121000
2-(m-ETHOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3021000
N'-(o-ETHOXYPHENYL)-N-(o-ISOPROPOXYPHENYL)ACETAMIDINE see: AD0835000
N-(p-ETHOXYPHENYL)-N'-(p-ISOPROPOXYPHENYL)ACETAMIDINE see: AD0836000
N-(4-ETHOXYPHENYL)-3'-NITROACETAMIDE see: AM4550000
N-(p-ETHOXYPHENYL)-2-PHENYLGLYCINE 2-(DIMETHYLAMINO)ETHYL ESTER SALICYLATE see: MC0450000
5-ETHOXYPHENYL-1,2-THIAZOTHIONIUM CHLORIDE see: DF4936790 2H-1,3,4-BENZODITHIAZIN-3-IUM, 7-ETHOXY-, CHLORIDE
1-(p-ETHOXYPHENYL)-2-THIOBARBITURIC ACID see: CQ4510000 BARBITURIC ACID, 1-(p-ETHOXYPHENYL)-2-THIO-
5-(m-ETHOXYPHENYL)-3-(o-TOLYL)-s-TRIAZOLE see: XZ4870000
3-ETHOXY-5-PHENYL-as-TRIAZINE see: XY8650000
2-(m-ETHOXYPHENYL)-5H-s-TRIAZOLO(5,1-a)ISOINDOLE see: XZ5478070
2-(m-ETHOXYPHENYL)-s-TRIAZOLO(5,1-a)ISOQUINOLINE see: XZ5478770
N-(p-ETHOXYPHENYL)-N,N',N'-TRIMETHYLETHYLENEDIAMINE HYDROCHLORIDE see: KV4995000ETHYLENEDIAMINE, N-(p-ETHOXYPHENYL)-N,N',N'-TRIMETHYL-, HYDROCHLORIDE
N(sup 2)-(p-ETHOXYPHENYL)-N(sup 1),N(sup 1),N(sup 2)-TRIMETHYL-1,2-PROPANEDIAMINE FUMARATE see: TX8033000 1,2-PROPANEDIAMINE, N(sup 2)-(p-ETHOXYPHENYL)-N(sup 1),N(sup 1),N(sup 2)-TRIMETHYL-, FUMARATE
N-(p-ETHOXYPHENYL)-N,N',N'-TRIMETHYL-1,3-PROPANEDIAMINE HYDROCHLORIDE see: TX8034000 1,3-PROPANEDIAMINE, N-(p-ETHOXYPHENYL)-N,N',N'-TRIMETHYL-, MONOHYDROCHLORIDE
p-ETHOXYPHENYLUREA see: YT2275000
4-ETHOXYPHENYLUREA see: YT2275000
N-(4-ETHOXYPHENYL)UREA see: YT2275000
ETHOXYPHOS see: AI6825000
4'-ETHOXY-1-PIPERIDINECARBOXANILIDE see: TM6119000
1-ETHOXYPROPANE see: KO0600000
3-ETHOXY-1,2-PROPANEDIOL see: TY6400000
3-ETHOXY-1-PROPANOL see: UB5075000
3-ETHOXY-1-PROPENE see: KM9120000
ETHOXY PROPIONALDEHYDE see: UE1575000
ETHOXYPROPIONIC ACID see: UF2B00000
ETHOXYPROPIONIC ACID, ETHYL ESTER see: UF3325000
beta-ETHOXYPROPIONITRILE see: UG1800000
ETHOXYPROPYLACRYLATE see: AT0175000
3'-ETHOXY-N-PROPYL-2',4',6'-TRIIODOSUCCINANILIC ACID see: WM4440000
5-ETHOXY-4-PYRIMIDINOL see: UW6140000
ETHOXYQUIN see: VB8225000
ETHOXYQUINE see: VB8225000
N-(B-ETHOXY-5-QUINOLYL)-2-(ISOPROPYLAMINO)ACETAMIDE DIHYDROCHLORIDE see: AB8450000
N-(B-ETHOXY-5-QUINOLYL)-4-MORPHOLINEACETAMIDE DIHYDROCHLORIDE see: QD6480800
N-(B-ETHOXY-5-QUINOLYL)-1-PIPERIDINEACETAMIDE DIHYDROCHLORIDE see: TM3508110
5-ETHOXYSALICYLIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE see: VO2995000
ETHOXYTETRODOTOXIN see: XF8886000 TETRODOTOXIN, O(sup 5)-ETHYL-
4-ETHOXYTETRODOTOXIN see: XF8886000 TETRODOTOXIN, O(sup 5)-ETHYL-
5-ETHOXY-3-TRICHLOROMETHYL-1,2,4-THIADIAZOLE see: XI3875000
ETHOXYTRIETHYLENE GLYCOL see: KK8950000
ETHOXYTRIGLYCOL see: KK8950000
6-ETHOXY-2,2,4-TRIMETHYL-1,2-DIHYDROQUINOLINE see: VB8225000
ETHRANE see: KN6800000
ETHREL see: SZ7100000
ETHRIL see: KF5790000
ETHYBENZTROPINE see: RD0525000
ETHYCHLORVYNOL see: SB4725000
ETHYL 736 see: GP3200000
ETHYLACETAAT (Dutch) see: AH5425000
D-N-ETHYLACETAMIDE CARBANILATE see: FD8900000
ETHYL ACETATE see: AH5425000
ETHYL ACETATE (DOT) see: AH5425000
ETHYLACETIC ACID see: ES5425000
ETHYL ACETIC ESTER see: AH5425000
ETHYL ACETOACETATE see: AK5250000
ETHYL ACETONE see: SA7875000
ETHYL N-(2-ACETOXYETHYL)-N-NITROSOCARBAMATE see: FB2250000
ETHYL ACETOXYMETHYLNITROSAMINE see: AH5601500
N-ETHYL N-(ACETOXYMETHYL)NITROSAMINE see: AH5601500
ETHYL ACETYL ACETATE see: AK5250000
ETHYL ACETYLACETONATE see: AK5250000
ETHYLACETYLENE see: ER9553000
ETHYL ACETYLENE (DOT) see: ER9553000
2-ETHYL-4-ACETYL-7-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)BENZOFURAN see: OB3185000 KETONE, 2-ETHYL-7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-4-BENZOFURANYL METHYL
ETHYL 3-ACETYLPROPIONATE see: OI1700000
4'-((3-ETHYL-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE see: PB0530000
ETHYLACRYLAAT (Dutch) see: AT0700000
ETHYL ACRYLATE see: AT0700000
ETHYL ACRYLATE, inhibited (DOT) see: AT0700000
ETHYLAKRYLAT (Czech) see: AT0700000
ETHYLAL see: PA8500000

KQ6300000 ETHYL ALCOHOL

UPDT.8412 CAS: 64-17-5 MW: 46.08 MOLFM: C2H6O

SYN: ABSOLUTE ETHANOL * AETHANOL (German) * ALTHYLALKOHOL (German) * ALCOMOL * ALCOMOL ANHYDROUS * ALCOMOL DEHYDRATED * ALCOOL ETHYLIQUE (French) * ALCOOL ETILICO (Italian) * ALGRAIN * ALKOHOL (German) * ANHYDROL * COLOGNE SPIRIT * COLOGNE SPIRITS (ALCOHOL) (DOT) * ETANOLO (Italian) * ETHANOL * ETHANOL (DOT) * ETHANOL 200 PROOF * ETHYLALCOHOL (Dutch) * ETHYL ALCOHOL ANHYDROUS * ETHYL ALCOHOL (DOT) * ETHYL HYDRATE * ETHYL HYDROXIDE * ETYLOWY ALKOHOL (Polish) * FERMENTATION ALCOHOL * GRAIN ALCOHOL * JAYSOL S * METHYLCARBINOL * MOLASSES ALCOHOL * NA 1170 (DOT) * NCI-C03134 * POTATO ALCOHOL * SPIRITS OF WINE * SPIRIT * TECSOL * UN 1170 (DOT)

IRRITATION DATA AND REFERENCES:

eye-hmn 20 ppm	JOCMA7 2,383,60
skn-rbt 400 mg open MLD	UCDS** 7/22/70
skn-rbt 500 mg/24H SEV	28ZPAK -,34,72
eye-rbt 79 mg	AJOPAA 29,1363,46
eye-rbt 100 mg/24H SEV	28ZPAK -,34,72
eye-rbt 100 mg/4S rns MOD	FCTOD7 20,573,82

MUTATION DATA AND REFERENCES:

mma-esc 140 gm/L	MUREAV 130,97,84
mma-smc 24 pph	GNKAAS 15(5),927,79
cyt-smc 1 mol/tube	HEREAY 33,457,47
mma-asn 20 pph	MUREAV 48,51,77
sln-asn 30 gm/L	EVHPAZ 31,81,79
dni-hmn-lym 220 mmol/L	PNASA6 79,1171,82
cyt-hmn-lym 1160 gm/L	AEMBAP 85A,25,77
cyt-hmn-fbr 12000 ppm	ACYTAN 16,41,72
cyt-hmn-leu 1 pph/72H-C	TSITAQ 20,421,78
sce-hmn-lym 500 ppm/72H-C	CGCGB8R 27,66,80
cyt-rat-orl 2 gm/kg	TGANAK 14(5),48,80
mnt-mus-ipr 1240 mg/kg/2D	AEMBAP 85A,25,77
cyt-mus-orl 40 gm/kg	NATUAS 302,258,83
sce-mus-orl 420 mg/kg/3W	MUREAV 68,291,79
dlt-mus-orl 3720 mg/kg/3D	AEMBAP 85A,25,77
spm-mus-orl 1500 mg/kg/50D	MUREAV 65,229,79
sce-ham-ovr 3900 mg/L	MUREAV 124,85,83
mnt-dog-lym 400 umol/L	NTIS** AD-A075-605

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T74T77T84	orl-wmn TDLo:41 gm/kg (41W preg)	AJDCAI 129,1075,75
2T74T77	ivn-wmn TDLo:8 gm/kg (32W preg)	AJDCAI 134,419,80
1T22	iut-wmn TDLo:200 mg/kg (5D pre)	INJFAJ 14,280,69
1T33	orl-rat TDLo:4 gm/kg (13D preg)	CYGEDX 15,23,81
2T01T02	orl-rat TDLo:322 gm/kg (35D male)	INJFAJ 23,176,78
1T34	orl-rat TDLo:12 gm/kg (9-12D preg)	PLPSAX 7,311,79
3T16T81T85	orl-rat TDLo:132 gm/kg (1-22D preg)	TJADAB 23,217,81
2T41T59	orl-rat TDLo:24 gm/kg (14-16D preg)	TJADAB 23,41A,81
1T83	orl-rat TDLo:354 gm/kg (10D post)	RCPBDC 2,119,77
2T42T53	orl-rat TDLo:4 gm/kg (6-15D preg)	JTEHD6 10,267,82
1T72	orl-rat TDLo:90 gm/kg (1-15D preg)	TJADAB 24,13,81
1T46	orl-rat TDLo:75 gm/kg (1-15D preg)	TJADAB 24,13,81
1T59	ihl-rat TCLo:20000 ppm/7H (1-22D preg)	TJADAB 29(2),48A,84
1T31	ipr-rat TDLo:2240 mg/kg (9-12D preg)	DABBBA 38,5835,78
1T34	ipr-rat TDLo:600 mg/kg (8-15D preg)	TJADAB 26(1),12A,82
3T25T31T34	ipr-rat TDLo:600 mg/kg (8-15D preg)	IJEBAG 21,108,83
2T43T46	ipr-rat TDLo:600 mg/kg (8-15D preg)	IJEBAG 21,108,83
3T31T39T46	ivn-rat TDLo:4 gm/kg (6-7D preg)	RECYAR 8,105,71
1T25	ivn-rat TDLo:3 gm/kg (6-7D preg)	RECYAR 8,105,71
3T34T46T59	ivn-rat TDLo:4 gm/kg (6-7D preg)	RECYAR 8,105,71
1T29	ice-rat TDLo:5 mg/kg (1D pre)	JRPEA4 42,199,75
2T25T35	unk-rat TDLo:60 gm/kg (9-14D preg)	FATOAO 45,83,82
1T23	itt-rat TDLo:400 mg/kg (1D male)	FESTAS 24,884,73
1T25	iut-rat TDLo:2400 mg/kg (10D preg)	IJEBAG 14,316,76
3T16T76T81	mul-rat TDLo:642 gm/kg (1-21D preg; 23D post)	DEPBAS 10,435,77
2T85T86	mul-rat TDLo:373 gm/kg (23D post)	DEPBAS 10,435,77
1T31	orl-mus TDLo:162 gm/kg (11-19D preg)	TJADAB 27,56A,83
2T83T85	orl-mus TDLo:21 gm/kg (1-21D preg)	JSALDP 38,1696,77
2T41T42	orl-mus TDLo:5800 mg/kg (7D preg)	TJADAB 27,231,83
3T53T72T81	orl-mus TDLo:75600 mg/kg (5-11D preg)	RCOCB8 23,127,79
1T34	orl-mus TDLo:5500 mg/kg (9D preg)	TJADAB 24(1),53A,81
1T01	orl-mus TDLo:1680 gm/kg (70D male)	FEPRA7 39,542,80
2T34T46	ipr-mus TDLo:5800 mg/kg (10D preg)	TJADAB 27,231,83
3T41T42T43	ipr-mus TDLo:5800 mg/kg (7D preg)	TJADAB 27,231,83
3T35T42T46	ipr-mus TDLo:5622 ug/kg (10D preg)	AJOGAH 124,676,76
1T33	ipr-mus TDLo:4 mg/kg (10D preg)	ANREAK 193,515,79
1T25	ipr-mus TDLo:4300 mg/kg (10D preg)	NETOD7 2,227,80
3T71T72T81	orl-dog TDLo:21600 mg/kg (1-60D preg)	FEPRA7 36,235,77
1T75	orl-dog TDLo:260 gm/kg (1-62D preg)	ACRSDM 4,123,80
1T27	orl-dog TDLo:221 gm/kg (1-47D preg)	ACRSDM 4,123,80
1T02	itt-dog TDLo:100 mg/kg (1D male)	FESTAS 24,884,73
1T27	orl-mky TDLo:130 gm/kg (3-21W preg)	TJADAB 25(2),41A,82
1T81	orl-mky TDLo:400 mg/kg (2-21W preg)	TJADAB 29,49,84
1T14	orl-mky TDLo:206 gm/kg (90D pre)	SCIEAS 221,677,83
1T22	orl-rbt TDLo:3945 mg/kg (1D pre)	JOENAK 34,775,66
1T29	orl-rbt TDLo:3750 mg/kg (1D pre)	IJMRAQ 58,501,70
2T72T81	orl-pig TDLo:2648 gm/kg (78W pre/1-16W preg)	NTOTDT 5,229,83
2T81T85	orl-gpg TDLo:90 gm/kg (1-68D preg)	ANREAK 127,438,57
1T34	ivn-dam TDLo:94 gm/kg (14-21W preg)	PBBHAU 12,329,80
2T34T83	ivn-dam TDLo:40 gm/kg (14-17W preg)	NTOTDT 3,105,81

TUMORIGENIC DATA AND REFERENCES:

2V03K60	orl-mus TDLo:400 gm/kg/57W-I	ZIETA2 59,203,28
3V03K60L60	rec-mus TDLo:120 gm/kg/18W-I	ZIETA2 59,203,28

TOXICITY DATA AND REFERENCES:

	orl-chd LDLo:2000 mg/kg	ATXKAB 17,183,58
2K04K30	orl-man TDLo:50 mg/kg	JPETAB 56,117,36
3F17F19F25	orl-man TDLo:1430 ug/kg	JPETAB 197,488,76
2F08N19	orl-wmn TDLo:256 gm/kg/12W	JAMAAP 238,2143,77
1J30	orl-rat LD50:7060 mg/kg	TXAPA9 16,718,70
	ihl-rat LC50:20000 ppm/10H	NPIRI* 1,44,74
1J30	ipr-rat LD50:4070 mg/kg	TXAPA9 16,718,70
	ivn-rat LD50:1440 mg/kg	TXAPA9 18,50,71
*	orl-mus LD50:7800 mg/kg	TXAPA9 37,185,76
*	ihl-mus LC50:39 gm/m3/4H	GTPZAB 26(8),53,82
*	ipr-mus LD50:1230 mg/kg	NTIS** AD628-313
	ivn-mus LD50:1972 mg/kg	HBTXAC 1,128,55
	orl-dog LDLo:5500 mg/kg	HBTXAC 1,130,55
	ipr-dog LDLo:3000 mg/kg	BJIMAG 1,207,44
	scu-dog LDLo:6000 mg/kg	HBTXAC 1,130,55
	ivn-dog LDLo:1600 mg/kg	TXAPA9 18,60,71
	orl-cat LDLo:6000 mg/kg	JPETAB 56,117,36
	ivn-cat LDLo:3945 mg/kg	HBTXAC 1,130,55

BEST COPY AVAILABLE

orl-rbt LD50:6300 mg/kg HBTXAC 1,130,55
skn-rbt LDLo:20 gm/kg 312TAS -,75,68
ivn-rbt LDLo:5000 mg/kg JPETAB 56,117,36
orl-gpg LD50:5560 mg/kg JIHTAB 23,259,41
ipr-gpg LDLo:4000 mg/kg AIHAAP 35,21,74
ivn-ckn LDLo:8216 mg/kg JPETAB 60,312,37
scu-frg LDLo:7100 mg/kg HBTXAC 1,128,55
3F07F12F17 ipr-mam LD50:4300 mg/kg TXAPA9 13,358,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IRXPAT 11,177,72; AEMBAP 56,291,75; AICMA2 44(6),874,74; MAEPBU 6,81,72; FCTXAV 8,433,70; CLCHAU 19,361,73; PAREAQ 4,1,52; FNSCA6 2,67,73; SCIEAS 209,353,80; JAMAAP 235,1458,76; TJADAB 21,157,80; TJADAB 16,53,77
★ TLV-TWA 1000 ppm DTLVS* 4,174,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-E) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 1400 and 8002
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLALCOHOL (Dutch) see: KQ6300000
ETHYL ALCOHOL ANHYDROUS see: KQ6300000
ETHYL ALCOHOL (DOT) see: KQ6300000
ETHYL ALCOHOL, THALLIUM (I) see: KM2940000
ETHYL ALDEHYDE see: AB1925000
ETHYL ALDEHYDE (DOT) see: AB1925000
1-ETHYL-3-ALLYL-6-AMINOURACIL see: YQ8665000
ETHYL ALLYL ETHER see: KM9120000
ETHYL ALUMINUM DICHLORIDE see: BD0705000
ETHYL ALUMINUM DICHLORIDE (DOT) see: BD0705000
ETHYLALUMINUM SESQUICHLORIDE see: BD1950000
ETHYL ALUMINUM SESQUICHLORIDE (DOT) see: BD1950000
1-ETHYLAMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-UREA HYDROCHLORIDE see: YT2345000
1-ETHYLAMIDINO-3-(2-METHOXY-6-METHYLPHENYL)-UREA HYDROCHLORIDE see: YT2345400
ETHYLAMINE see: KH2100000
ETHYL AMINE, N-(1-ACETOXYMETHYL)-N-NITROSO- see: AH5601500

KQ7510000 ETHYLAMINE, 2-AZIDO-
UPDT:8403 MW: 86.12 MOLFM: C2-H6-N4
SYN: 2-AZIDOETHYLAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 500 umol/L MUREAV 116,229,83

KQ7800000 ETHYLAMINE, 2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8403 CAS: 42824-29-3 MW: 460.05 MOLFM: C28-H33-N-O3 Cl-H
SYN: 2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE * H-1101
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1122 scu-mus TDLo:240 ug/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KQ8010000 ETHYLAMINE, 1,2-BIS(p-METHOXYPHENYL)-N-METHYL-, HYDROCHLORIDE
UPDT:8412 MW: 307.85 MOLFM: C17-H21-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
3F07F12F23 scu-mus LDLo:84 mg/kg JAPMAB 39,354,50

KQ8090000 ETHYLAMINE, 2-BROMO-
UPDT:8402 CAS: 107-09-5 MW: 124.00 MOLFM: C2-H6-Br-N
SYN: 2-AMINOETHYL BROMIDE * 2-BROMOETHANAMINE * beta-BROMOETHYLAMINE * 2-BROMOETHYLAMINE * ETHANAMINE, 2-BROMO- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 500 umol/L MUREAV 118,229,83
mmo-ssp 12 mmol/L ADWMAX -,193,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KQ8400000 ETHYLAMINE, 2-((p-BROMO-alpha-METHYL-alpha-PHENYLBENZYL)OXY)-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8403 CAS: 1397-28-1 MW: 384.78 MOLFM: C18-H22-Br-N-O Cl-H
SYN: BROMADRYL * 2-(1-(4-BROMODIPHENYL(ETHOXY)-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE * p-BROMO-alpha-METHYLBENZHYDRYL 2-DIMETHYLAMINOETHYL ETHER HYDROCHLORIDE * 2-((p-BROMO-alpha-METHYL-alpha-PHENYLBENZYL)OXY)-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE * 1-(p-BROMOPHENYL)-1-PHENYL-1-(2-DIMETHYLAMINOETHOXY)ETHANE HYDROCHLORIDE * 2-(1-(4-BROMOPHENYL)-1-PHENYLETHOXY)-N,N-DIMETHYLETHANAMINE HYDROCHLORIDE * (2-(1-p-BROMOPHENYL-1-PHENYLETHOXY)ETHYL)DIMETHYLETHYLAMINE HYDROCHLORIDE * beta-DIMETHYLAMINOETHYL p-BROMO-alpha-METHYLBENZHYDRYL ETHER HYDROCHLORIDE * EMBRAMINE HYDROCHLORIDE * MEBROPHENHYDRAMINE * MEBROPHENHYDRAMINE HYDROCHLORIDE * MESBYL
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:330 mg/kg MEIEDD 10,513,83
* ivn-mus LD50:80 mg/kg MEIEDD 10,513,83

KQ8563000 ETHYLAMINE, 2-((p-(BUTYLTHIO)-alpha-PHENYLBENZYL)THIO)-N,N-DIMETHYL-
UPDT:8308 CAS: 486-17-9 MW: 359.63 MOLFM: C21-H29-N-S2
SYN: p-BUTYLMERCAPTOBENZHYDRYL beta-DIMETHYLAMINOETHYL SULFIDE * 2-((p-(BUTYLTHIO)-alpha-PHENYLBENZYL)THIO)-N,N-DIMETHYLETHYLAMINE * CAPTODIAME * CAPTODIAMIN * COVATIN * COVATIX * N 68 * SUVREN
TOXICITY DATA AND REFERENCES:
2F12F07 orl-rat LD50:3800 mg/kg ARZNAD 8,154,58
3U26F12F07 ipr-rat LD50:343 mg/kg ARZNAD 8,154,58
2F12F07 orl-mus LD50:1630 mg/kg ARZNAD 8,154,58
3F07F12U26 ipr-mus LD50:180 mg/kg ARZNAD 8,154,58
* scu-mus LD50:1750 mg/kg AIPTAK 136,440,62

KQ8500000 ETHYLAMINE, 2-((p-(BUTYLTHIO)-alpha-PHENYLBENZYL)THIO)-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8403 CAS: 904-04-1 MW: 396.09 MOLFM: C21-H29-N-S2 Cl-H
SYN: p-BUTYLMERCAPTOBENZHYDRYL beta-DIMETHYLAMINOETHYL SULFIDE HYDROCHLORIDE * p-BUTYLTHIODIPHENYLMETHYL 2-DIMETHYLAMINOETHYL SULFIDE HYDROCHLORIDE * 2((p-(BUTYLTHIO)-alpha-PHENYLBENZYL)THIO)-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE * CAPTODIAM HYDROCHLORIDE * CAPTODIAMINE HYDROCHLORIDE * CAPTODRAMIN HYDROCHLORIDE * COVATIN HYDROCHLORIDE * COVATIX HYDROCHLORIDE * SUVREN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:116 mg/kg MEIEDD 10,244,83
ivn-mus LD50:44 mg/kg 27ZQAG -,368,72

ETHYLAMINE, 2-(3-CHLOROCARBAZOL-9-YL)-N,N-DIMETHYL-, OXALATE see: FE5995000

KQ9020000 ETHYLAMINE, 2-CHLORO-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8401 CAS: 4584-46-7 MW: 166.06 MOLFM: C4-H10-Cl-N Cl-H
SYN: 2-CHLORO-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE * DIMETHYL(2-CHLOROETHYL)AMINE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/L ENMUDM 3,33,81
mmo-esc 1 umol/L JPPMAB 31,679,79
sln-dmg-orl 1700 mmol/L MUREAV 95,237,82
dns-rat:lvr 5 umol/L ENMUDM 3,33,81
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:720 mg/kg/8W-I CNREA8 39,391,79
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:280 mg/kg CANCAR 2,1055,49
scu-mus LD50:250 mg/kg JPETAB 97,25,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR1970000 ETHYLAMINE, 2-CHLORO-N-METHYL-N-NITROSO-
UPDT:8401 CAS: 16339-16-5 MW: 122.57 MOLFM: C3-H7-Cl-N2-O
SYN: 2-CHLORO-N-METHYL-N-NITROSOETHYLAMINE * ETHANAMINE, 2-CHLORO-N-METHYL-N-NITROSO- (9CI) * METHYL-2-CHLORAETHYLNITROSAMIN (German) * METHYL(2-CHLOROETHYL)NITROSAMINE * N-NITROSOMETHYL-2-CHLOROETHYLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03J60 orl-rat TDLo:111 mg/kg/53W-C ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:22 mg/kg ZEKBAI 69,103,67
ivn-rat LD50:22 mg/kg ZEKBAI 69,103,67
* unk-mam LD50:22 mg/kg GMCRDC 17,107,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR2975000 ETHYLAMINE, 2-((p-CHLORO-alpha-METHYL-alpha-PHENYLBENZYL)OXY)-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8310 CAS: 562-09-4 MW: 340.32 MOLFM: C18-H22-Cl-N-O Cl-H
SYN: 2-((p-CHLORO-alpha-METHYL-alpha-PHENYLBENZYL)OXY)-N,N-DIMETHYLAMINE HYDROCHLORIDE * 2-(alpha-(p-CHLOROPHENYL)-alpha-METHYLBENZYLOXY)-N,N-DIMETHYLETHYLAMINE * (1-(p-CHLOROPHENYL)-1-PHENYL)ETHYL (beta-DIMETHYLAMINOETHYL) ETHER HYDROCHLORIDE * CHLORPHENOXAMINE HYDROCHLORIDE * CONTRISTAMINE, HYDROCHLORIDE * beta-DIMETHYLAMINOETHYL (p-CHLORO-alpha-METHYLBENZHYDRYL) ETHER HYDROCHLORIDE * ETHENAMINE, 2-(1-(4-CHLOROPHENYL)-1-PHENYLETHOXY)-N,N-DIMETHYL-, HYDROCHLORIDE * ETHANAMINE, 2-(1-(4-CHLOROPHENYL)-1-PHENYLETHOXY)-N,N-DIMETHYL-, HYDROCHLORIDE (9CI) * PHENOXENE HYDROCHLORIDE * SUBSTANZ NR. 1766 (German) * SYSTRAL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg 29ZVAB -,31,69
orl-mus LD50:345 mg/kg CLDND*
scu-mus LD50:159 mg/kg CLDND*
ivn-mus LD50:44 mg/kg CLDND*
scu-gpg LD50:140 mg/kg ARZNAD 4,189,54

KR3020000 ETHYLAMINE, 2-CHLORO-N-METHYL-N-(TRIETHYLSILYLMETHYL)-, HYDROCHLORIDE
UPDT:8312 MW: 258.35 MOLFM: C10-H24-Cl-N-Si Cl-H
SYN: 2-CHLORO-N-METHYL-N-(TRIETHYLSILYLMETHYL)ETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:62 mg/kg PCJOAU 16,764,82

KR3155000 ETHYLAMINE, 2-((p-CHLORO-alpha-PHENYLBENZYL)OXY)-N,N-METHYL-, HYDROCHLORIDE
UPDT:8310 MW: 326.29 MOLFM: C17-H20-Cl-N-O Cl-H
SYN: 2-(alpha-(p-CHLOROPHENYL)BENZYLOXY)-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE * SUBSTANZ NR. 1602 (German)
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:46 mg/kg ARZNAD 4,189,54
scu-gpg LD50:94 mg/kg ARZNAD 4,189,54

KR3160000 ETHYLAMINE, 2-((o-CHLOROPHENYL)DITHIO)-, HYDROCHLORIDE
UPDT:8404 CAS: 5301-06-4 MW: 256.22 MOLFM: C8-H10-Cl-N-S2 Cl-H
SYN: 2-((o-CHLOROPHENYL)DITHIO)ETHYLAMINE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dni-rat:lym 250 umol/L CBINAB 23,215,78
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg JMCMAR 13,317,70

KR3177000 ETHYLAMINE, 2,2'-((9-((p-CHLOROPHENYL)METHYLENE)-9H-XANTHENE-3,6-DIYL)BIS(THIO)) BIS(N,N-DIETHYL-, DIHYDROCHLORIDE
UPDT:8309 CAS: 53829-18-8 MW: 640.22 MOLFM: C32-H39-Cl-N2-O-S2 2Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:250 mg/kg JMCMAR 19,1142,76

ETHYLAMINE, N-CYANO-N-NITROSO- see: KH7250000

KR3518000 ETHYLAMINE, 2-((4,6-DIACETYL-7-BENZOFURANYL)OXY)-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8412 MW: 325.82 MOLFM: C16-H19-N-O4 Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:150 mg/kg APFRAD 41,603,83

KR3524500 ETHYLAMINE, 2,2'-((DIBUTYLGERMYLENE)DITHIO)BIS-
UPDT:8408 MW: 339.15 MOLFM: C12-H30-Ge-N2-S2
SYN: 2,2'-((DIBUTYLGERMYLENE)DITHIO)BIS(ETHYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg EJMCA5 19,119,84

ETHYLAMINE, 2-(1-DIDEHYDRO-4-METHYLPIPERIDYL)THIO-, HYDROCHLORIDE see: TK6025000

KR4730000 ETHYLAMINE, N,N-DIETHYL-2-((METHYLDIPHENYLSILYL)OXY)-
UPDT:8306 CAS: 57665-48-0 MW: 313.56 MOLFM: C19-H27-N-O-Si
SYN: N,N-DIETHYL-2-((METHYLDIPHENYLSILYL)OXY)ETHYLAMINE * METHYLDIPHENYL-(2-N,N-DIAETHYLAMINOAETHOXY)-SILANE (German)
TOXICITY DATA AND REFERENCES:
3F12F17F25 ipr-mus LD50:140 mg/kg PHARAT 31,849,76

ETHYLAMINE, N,N-DIETHYL-2-(p-TOLUENE SULFONYLTHIO)-, HYDROCHLORIDE see: XT6720000

KR5560000 ETHYLAMINE, 2-((6,11-DIHYDRODIBENZO(b,e)THIEPIN-11-YL)OXY)-N,N-DIMETHYL-, FUMARATE (1:1)
UPDT:8412 CAS: 747-44-4 MW: 415.54 MOLFM: C18-H21-N-O-S C4-H4-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:44 mg/kg ARZNAD 15,524,65

KR5580000 ETHYLAMINE, 2,2'-((DIISOPENTYLGERMYLENE)DITHIO)BIS-
UPDT:8408 MW: 367.21 MOLFM: C14-H34-Ge-N2-S2
SYN: BIS(AMINO-2 ETHYLTHIO)DIISOPENTYLGERMANE (French) * 2,2'-((DIISOPENTYLGERMYLENE)DITHIO)BIS(ETHYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 19,119,84

ETHYLAMINE, 1,2-DI-(p-METHOXYPHENYL)-, HYDROCHLORIDE see: SH8100000

KR5916500 ETHYLAMINE, 2-((1,1-DIMETHYLBUTYL)DITHIO)-, HYDROCHLORIDE
UPDT:8402 MW: 229.86 MOLFM: C8-H19-N-S2 Cl-H
SYN: 2-((1,1-DIMETHYLBUTYL)DITHIO)ETHYLAMINE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dni-rat:lym 250 umol/L CBINAB 23,215,78

KR5917500 ETHYLAMINE, N,N-DIMETHYL-2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)-, CITRATE
UPDT:8406 CAS: 53330-20-4 MW: 431.50 MOLFM: C15-H29-N-O C6-H8-O7
SYN: N,N-DIMETHYL-2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYLAMINE CITRATE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:32 mg/kg APFRAD 40,133,82

KR5918000 ETHYLAMINE, N,N-DIMETHYL-2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)-, CITRATE
UPDT:8406 CAS: 68398-30-1 MW: 429.47 MOLFM: C15-H27-N-O C6-H8-O7

BEST COPY AVAILABLE

SYN: N,N-DIMETHYL-2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)ETHYLAMINE CITRATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:45 mg/kg APFRAD 40,133,82

KR5919500 ETHYLAMINE, N,N-DIMETHYL-2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-, (E)-
UPDT:8403 CAS: 13002-65-8 MW: 371.56 MOLFM: C26-H29-N-O
SYN: trans-1-(p-(2-(N,N-DIMETHYLAMINO)ETHOXY)PHENYL)-1,2-DIPHENYLBUT-1-ENE * trans-N,N-DIMETHYL-2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)ETHYLAMINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:225 ug/kg (1-3D preg)	JMCMAR 14,952,71
1T22	scu-rat TDLo:225 ug/kg (1-3D preg)	JMCMAR 14,952,71
1T22	orl-mus TDLo:120 ug/kg (1-3D preg)	JMCMAR 14,952,71
1T22	scu-mus TDLo:240 ug/kg (1-3D preg)	JMCMAR 14,952,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR5919600 ETHYLAMINE, N,N-DIMETHYL-2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-, (Z)-
UPDT:8409 CAS: 10540-29-1 MW: 371.56 MOLFM: C26-H29-N-O
SYN: cis-1-(p-(2-(N,N-DIMETHYLAMINO)ETHOXY)PHENYL)-1,2-DIPHENYLBUT-1-ENE * cis-N,N-DIMETHYL-2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)ETHYLAMINE * (Z)-2-(p-(1,2-DIPHENYL-1-BUTENYL)-PHENOXY)-N,N-DIMETHYLETHYLAMINE * ICI 46,474 * NOVADEX * TAMOXIFEN

MUTATION DATA AND REFERENCES:

	dni-hsn:mmc 1 umol/L	CNREA8 42,1727,82
	oms-rat-scu 2500 ug/kg/5D-1	BBACAQ 656,45,81
	dni-rat-scu 500 ug/kg	BBACAQ 656,45,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:2250 ug/kg (1-3D preg)	JMCMAR 14,952,71
1T13	orl-rat TDLo:150 ug/kg (3D pre)	JMCMAR 26,1131,83
1T24	orl-rat TDLo:50 ug/kg (4D preg)	CTRRDO 64,741,80
1T22	scu-rat TDLo:2250 ug/kg (1-3D preg)	JMCMAR 14,952,71
1T24	scu-rat TDLo:100 ug/kg (3D preg)	CCPTAY 5,473,72
1T13	scu-rat TDLo:500 ug/kg (1D pre)	JSTBBK 12,47,80
3T12T13T14	scu-rat TDLo:75 ug/kg (3D pre)	BIREBV 21,1087,79
1T22	orl-mus TDLo:2400 ug/kg (1-3D preg)	JMCMAR 14,952,71
1T11	orl-mus TDLo:1 mg/kg (3D preg)	ARTODN (Suppl 5),209,84
1T29	orl-mus TDLo:50 ug/kg (3D preg)	ARTODN (Suppl 5),209,84
1T22	scu-mus TDLo:7200 ug/kg (1-3D preg)	JMCMAR 14,952,71
2T31T34	orl-rbt TDLo:3250 ug/kg (6-18D preg)	JZKEDZ 6,217,80

TOXICITY DATA AND REFERENCES:

3R13P14P17	unk-mmn TDLo:200 ug/kg/D	CTRRDO 60,1431,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JTEHD6 4,363,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR5920000 ETHYLAMINE, N,N-DIMETHYL-1,2-DIPHENYL-, HYDROCHLORIDE, (R)-(-)-
UPDT:8302 CAS: 14148-99-3 MW: 261.82 MOLFM: C16-H19-N-Cl-H
SYN: BENZENEETHANAMINE, N,N-DIMETHYL-alpha-PHENYL-, HYDROCHLORIDE, (R)-, (9CI) * 1,2-DIPHENYL-1-(DIMETHYLAMINO)ETHANE * SPA

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:300 mg/kg	ORFUD4 2,39,77
*	scu-rat LD50:148 mg/kg	AIPTAK 221,105,76
	orl-mus LD50:176 mg/kg	ORFUD4 2,39,77
	scu-mus LD50:104 mg/kg	ORFUD4 2,39,77
	ivn-mus LD50:32600 ug/kg	ORFUD4 2,39,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHYLAMINE, N,N-DIMETHYL-2-(DIPHENYLMETHOXY)- see: KR6825000
ETHYLAMINE, N,N-DIMETHYL-2-(DIPHENYLMETHOXY)-, HYDROCHLORIDE see: KR7000000

KR6065000 ETHYLAMINE, N,N-DIMETHYL-2-(DI-2,6-XYLYLMETHOXY)-, HYDROCHLORIDE
UPDT:8303 CAS: 18539-34-9 MW: 347.97 MOLFM: C21-H29-N-O-Cl-H
SYN: BS 5933 * beta-DIMETHYLAMINOETHYL 2,6,2',6'-TETRAMETHYLBENZHYDRYL ETHER HYDROCHLORIDE * N,N-DIMETHYL-2-(DI-2,6-XYLYLMETHOXY)ETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2C08F12	orl-mus LD50:250 mg/kg	AIPTAK 135,442,62
2C08F12	ipr-mus LD50:80 mg/kg	AIPTAK 135,442,62
2C08F12	scu-mus LD50:140 mg/kg	AIPTAK 135,442,62
2C08F12	ivn-mus LD50:35 mg/kg	AIPTAK 135,442,62
2C08F12	ivn-cat LD50:15 mg/kg	AIPTAK 135,442,62
2C08F12	orl-gpg LD50:100 mg/kg	AIPTAK 135,442,62

KR6066800 ETHYLAMINE, 2,2'-(1,2-DIMETHYLETHYLENEBIS(p-PHENYLENEOXY))BIS(N,N-DIMETHYL-, meso-
UPDT:8403 CAS: 15515-41-0 MW: 384.62 MOLFM: C24-H36-N2-O2
SYN: meso-2,2'-(1,2-DIMETHYLETHYLENEBIS(p-PHENYLENEOXY))BIS(N,N-DIMETHYLETHYLAMINE)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	irg-mus TDLo:20 mg/kg (1D pre)	JPETAB 165,52,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR6069000 ETHYLAMINE, 2,2'-((DIMETHYLGERMYLENE)DITHIO)BIS-
UPDT:8405 MW: 254.97 MOLFM: C6-H18-Ge-N2-S2
SYN: BIS(AMINO-2 ETHYLTHIO)DIMETHYLGERMANE (French) * 2,2'-((DIMETHYLGERMYLENE)DITHIO)BIS(ETHYLAMINE)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:200 mg/kg	EJMCA5 19,119,84

KR6115000 ETHYLAMINE, 2-(p-(alpha,beta-DIMETHYL-p-METHOXYPHENETHYL)PHENOXY)-N,N-DIMETHYL-, erythro-
UPDT:8403 CAS: 15515-43-2 MW: 327.51 MOLFM: C21-H29-N-O2
SYN: erythro-2-(p-(alpha,beta-DIMETHYL-p-METHOXYPHENETHYL)PHENOXY)-N,N-DIMETHYLETHYLAMINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-mus TDLo:90 mg/kg (1-3D preg)	JPETAB 165,52,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR6119170 ETHYLAMINE, N,N-DIMETHYL-2-((METHYLDIPHENYLSILYL)OXY)-
UPDT:8306 CAS: 57665-45-9 MW: 285.50 MOLFM: C17-H23-N-O-Si
SYN: N,N-DIMETHYL-2-((METHYLDIPHENYLSILYL)OXY)ETHYLAMINE * METHYLDIPHENYL(2-N,N-DIMETHYLAMINOAETHOXY)-SILANE (German) * SILAMPHENYDRAMINE

TOXICITY DATA AND REFERENCES:

3F12F17F25	ipr-mus LD50:163 mg/kg	PHARAT 31,849,76

KR6120000 ETHYLAMINE, N,N-DIMETHYL-2-((o-METHYL-alpha-PHENYLBENZYL)OXY)-
UPDT:8411 CAS: 83-98-7 MW: 269.42 MOLFM: C18-H23-N-O
SYN: ORPHENADRINE

TOXICITY DATA AND REFERENCES:

3F24F12G04	orl-hmn TDLo:24 mg/kg	APTSAI 41,137,77
3F24G07H01	orl-hmn TDLo:7143 mg/kg	ARTODN (Suppl 4),425,80
1F17	orl-mus LD50:125 mg/kg	AIPTAK 138,62,62
1F17	ipr-mus LD50:80 mg/kg	AIPTAK 138,62,62
1F17	scu-mus LD50:150 mg/kg	AIPTAK 138,62,62
1F17	ivn-mus LD50:33 mg/kg	AIPTAK 138,62,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR6300000 ETHYLAMINE, N,N-DIMETHYL-2-((o-METHYL-alpha-PHENYLBENZYL)OXY)-, HYDROCHLORIDE
UPDT:8303 CAS: 341-69-5 MW: 305.88 MOLFM: C18-H23-N-O-Cl-H
SYN: BS 5930 * BG 5930 * BROCADISIPAL * BROCASIPAL * BS 5930 * 2-DIMETHYLAMINOETHYL 2-METHYLBENZHYDRYL ETHER HYDROCHLORIDE * N,N-DIMETHYL-2-(o-METHYL-alpha-PHENYLBENZYLOXY)ETHYLAMINE HYDROCHLORIDE * DISIPAL HYDROCHLORIDE * MEPHENAMINE HYDROCHLORIDE * MEPHENAMIN HYDROCHLORIDE * ORPHENADRINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:30 mg/kg (7-16D preg)	TXAPA9 21,230,72
1T53	orl-rat TDLo:150 mg/kg (7-16D preg)	TXAPA9 21,230,72

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:425 mg/kg	ARZNAD 5,72,55
1J26	ipr-rat LD50:93 mg/kg	AIPTAK 177,28,69
	scu-rat LD50:230 mg/kg	ARZNAD 5,72,55
	ivn-rat LD50:27500 ug/kg	ARZNAD 5,72,55
	orl-mus LD50:125 mg/kg	ARZNAD 14,964,64
	ipr-mus LD50:65 mg/kg	27ZQAG -,373,72
	scu-mus LD50:88 mg/kg	27ZQAG -,373,72
	ivn-mus LD50:28 mg/kg	27ZQAG -,373,72
	scu-gpg LD50:74 mg/kg	AIPTAK 177,28,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR6365000 ETHYLAMINE, 2,2'-((2,8-DIMETHYL-5,5-NONYLIDENE)DITHIO)BIS-
UPDT:8408 MW: 306.63 MOLFM: C15-H34-N2-S2
SYN: 2,2'-((2,8-DIMETHYL-5,5-NONYLIDENE)DITHIO)BIS(ETHYLAMINE)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 19,119,84

KR6366000 ETHYLAMINE, N,N-DIMETHYL-2-(PHENETHYLOXY)-
UPDT:8411 CAS: 26281-48-1 MW: 193.32 MOLFM: C12-H19-N-O

TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:125 mg/kg	CHTPBA 5,10,70

KR6420000 ETHYLAMINE, N,N-DIMETHYL-2-(PHENYL(p-TOLYL)METHOXY)-, HYDROCHLORIDE, (-)-
UPDT:8402 MW: 305.88 MOLFM: C18-H23-N-O-Cl-H
SYN: CHLORHYDRATE de DIMETHYLAMINOETHOXY p-TOLYLPHENYL METHANE gauche (French) * CHLORHYDRATE de DIMETHYLAMINOETHOXY p-TOLYLPHENYL METHANE, levogyre (French) * (-)-N,N-DIMETHYL-2-(PHENYL(p-TOLYL)METHOXY)ETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:685 mg/kg	APFRAD 9,321,51
*	ivn-mus LD50:40 mg/kg	APFRAD 9,321,51

KR6425000 ETHYLAMINE, N,N-DIMETHYL-2-(PHENYL(p-TOLYL)METHOXY)-, HYDROCHLORIDE, (+)-
UPDT:8402 MW: 305.88 MOLFM: C18-H23-N-O-Cl-H
SYN: CHLORHYDRATE de DIMETHYLAMINOETHOXY p-TOLYLPHENYL METHANE, dextrogyre (French) * (+)-N,N-DIMETHYL-2-(PHENYL(p-TOLYL)METHOXY)ETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:805 mg/kg	APFRAD 9,321,51
*	ivn-mus LD50:38 mg/kg	APFRAD 9,321,51

KR6430000 ETHYLAMINE, N,N-DIMETHYL-2-(PHENYL(p-TOLYL)METHOXY)-, HYDROCHLORIDE, (+-)-
UPDT:8402 MW: 269.42 MOLFM: C18-H23-N-O
SYN: CHLORHYDRATE de DIMETHYLAMINOETHOXY p-TOLYLPHENYL METHANE racemique (French) * (+-)-N,N-DIMETHYL-2-(PHENYL(p-TOLYL)METHOXY)ETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:760 mg/kg	APFRAD 9,321,51
*	ivn-mus LD50:40 mg/kg	APFRAD 9,321,51

KR6704500 ETHYLAMINE, 2,2'-((DIMETHYLSILYLENE)DITHIO)BIS-
UPDT:8408 MW: 210.47 MOLFM: C6-H18-N2-S2-Si
SYN: BIS(AMINO-2 ETHYLTHIO)DIMETHYLSILANE (French) * 2,2'-((DIMETHYLSILYLENE)DITHIO)BIS(ETHYLAMINE)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 19,119,84

KR6712000 ETHYLAMINE, 2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N,N-DIMETHYL-, CITRATE, (E)-
UPDT:8306 MW: 563.70 MOLFM: C26-H29-N-O-C6-H8-O7
SYN: trans-2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N,N-DIMETHYLETHYLAMINE CITRATE * ETHANAMINE, 2-(4-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N,N-DIMETHYL-, CITRATE, (E)- * ICI 47,699 CITRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-rat TDLo:70 mg/kg (7D pre)	[illegible] 13,101,67
1T24	orl-rat TDLo:840 ug/kg (2-4D preg)	JRPFA4 13,101,67
1T13	orl-rat TDLo:300 ug/kg (3D pre)	JRPFA4 13,101,67
1T03	orl-rat TDLo:4500 ug/kg (9D male)	JRPFA4 13,101,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR6712400 ETHYLAMINE, 2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N,N-DIMETHYL-, CITRATE (Z)-
UPDT:8305 MW: 563.70 MOLFM: C26-H29-N-O-C6-H8-O7
SYN: N,N-DIMETHYL-2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)ETHYLAMINE CITRATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1550 mg/kg	IYKEDH 12,933,81
*	ipr-rat LD50:660 mg/kg	IYKEDH 12,933,81
*	ivn-rat LD50:76 mg/kg	IYKEDH 12,933,81
*	orl-mus LD50:6500 mg/kg	IYKEDH 12,933,81
*	ipr-mus LD50:218 mg/kg	IYKEDH 12,933,81
*	ivn-mus LD50:95 mg/kg	IYKEDH 12,933,81

KR6712700 ETHYLAMINE, 2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N-METHYL-, (Z)-
UPDT:8401 CAS: 31750-48-8 MW: 357.53 MOLFM: C25-H27-N-O
SYN: DESMETHYLTAMOXIFEN * N-DESMETHYLTAMOXIFEN * cis-2-(p-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N-METHYLETHYLAMINE * ETHANAMINE, 2-(4-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N-METHYL-, (Z)- (9CI) * ICI 55,548

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:50 ug/kg (4D preg)	CTRRDO 64,741,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHYLAMINE, 1,2-DIPHENYL-N-ETHYL-, HYDROCHLORIDE see: 5H6900000
ETHYLAMINE, 1,2-DIPHENYL-, HYDROCHLORIDE see: 5I2300000

KR6825000 ETHYLAMINE, 2-(DIPHENYLMETHOXY)-N,N-DIMETHYL-
UPDT:8412 CAS: 58-73-1 MW: 255.39 MOLFM: C17-H21-N-O
SYN: ALERYL * ALLEDRYL * ALLERGAN B * ALLERGEVAL * ALLERGICAL * ALLERGIN * ALLERGINA * ALLERGIVAL * AMIDRYL * ANTISTOMINUM * ANTOMIN * AUTOMIN * BAGODRYL * BARAMINE * BENA * BENACHLOR * BENADON * BENADRIN * BENADRYL * BEN ALLERGIN * BENAPON * BENODIN * BENODINE * BENYLAN * BENZANTINE * BENZHYDRAMINE * BENZHYDRAMINUM * BENZHYDRIL * BENZHYDROAMINA * BENZHYDRYL * O-BENZHYDRYLDIMETHYLAMINOETHANOL * 2-(BENZHYDRYLOXY)-N,N-DIMETHYLETHYLAMINE * 2-(BENZOHYDRYLOXY)-N,N-DIMETHYLETHYLAMINE * BETRAMIN * DABYLEN * DESENDRIN * DESMISTINA * DERMODRIN * DESENTOL * DIABENYL * DIABYLEN * DIBENDRIN * DIBONDRIN * DIFEDRYL * DIFENHYDRAMIN * DIFENIDRAMINA (Italian) * DIMIDRAL * DIMEDROL * DIMEDRYL * beta-DIMETHYLAMINO-AETHYL-BENZHYDRYL-AETHER (German) * beta-DIMETHYLAMINOETHANOL DIPHENYLMETHYL ETHER * alpha-(2-DIMETHYLAMINOETHOXY)DIPHENYLMETHANE * beta-DIMETHYLAMINOETHYLBENZHYDRYLETHER * DIPHANTINE * DIPHENYDRAMINE * DIPHENYHYDRAMINE * 2-(DIPHENYLMETHOXY)-N,N-DIMETHYLETHYLAMINE * DRYISTAN * DRYLISTAN * DYLAMON * ETANAUTINE * ETHYLAMINE, N,N-DIMETHYL-2-(DIPHENYLMETHOXY)- * HISTAXIN * HYADRINE * IBIODRAL * MEDIDRYL * MEPHADRYL * NAUSEN * NOVAMINA * PM 255 * PROBEDRYL * RESTAMIN * RESTAMINE * RIGIDIL * RIGIDYL * 551 * SYNTEDRIL * SYNTODRIL * VENA

MUTATION DATA AND REFERENCES:

	dni-hmn:flbr 12500 ug/L	ONSYAG 29,829,68

BEST COPY AVAILABLE

	oms-hmn:fbr 12500 ug/L	DNSYAG 29,829,68
	cyt-hmn:fbr 100 mg/L	ACYTAN 16,41,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-mus TDLo:240 mg/kg (6D pre)	PSEBAA 89,629,55
1T29	unk-mus TDLo:20 mg/kg (1D pre)	FESTAS 12,346,61

TOXICITY DATA AND REFERENCES:

	unk-man LDLo:7353 ug/kg	85DCAI 2,73,70
	unk-hmn LDLo:40 mg/kg	32ZWAA 8,291,74
	orl-rat LD50:390 mg/kg	RPTOAN 40,42,77
*	ipr-rat LD50:280 mg/kg	IJMRAQ 59,614,71
	scu-rat LD50:469 mg/kg	ARZNAD 5,72,55
	ivn-rat LD50:42 mg/kg	ARZNAD 5,72,55
	orl-mus LD50:167 mg/kg	JPETAB 89,247,47
*	ipr-mus LD50:61 mg/kg	JMCMAR 13,394,70
*	scu-mus LD50:50 mg/kg	BCFAAI 111,293,72
	ivn-mus LD50:37 mg/kg	CHTPBA 7,224,72
	ipr-gpg LD50:75 mg/kg	THERAP 28,767,73
	scu-gpg LD50:56 mg/kg	ARZNAD 4,189,54

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JRPMAP 12(1),27,74; ADVPA3 4,263,66

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLAMINE 2-(DIPHENYLMETHOXY)-N,N-DIMETHYL-, compd. with 8-CHLOROTHEOPHYLLINE (1:1) see: XH5082000

KR7000000 ETHYLAMINE, 2-(DIPHENYLMETHOXY)-N,N-DIMETHYL-, HYDROCHLORIDE

UPDT:8412 CAS: 147-24-0 MW: 291.85 MOLFM: C17-H21-N-O C1-H

SYN: AMBENYL * BAX * BENA * BENADRYL * BENADRYL HYDROCHLORIDE * BENDYLATE * BENOCTEN * BENZHIST * BENZHYDRAMINE HYDROCHLORIDE * 2-(BENZHYDRYLOXY)-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE * DABYLEN * DIPHENHYDRAMINE HYDROCHLORIDE * DIMETHYLAMINE BENZHYDRYL ESTER HYDROCHLORIDE * beta-DIMETHYLAMINOETHYL BENZHYDRYL ETHER HYDROCHLORIDE * DIPHENHYDRAMINE HYDROCHLORIDE * DIPHENYDRAMINE HYDROCHLORIDE * DIPHENYLHYDRAMINE HYDROCHLORIDE * 2-DIPHENYLMETHOXY-N,N-DIMETHYLETHYLAMINE HYDROCHLORIDE * DOLESTAN * ELDADRYL * ETHANAMINE, 2-(DIPHENYLMETHOXY)-N,N-DIMETHYL-, HYDROCHLORIDE * ETHYLAMINE, N,N-DIMETHYL-2-(DIPHENYLMETHOXY)-, HYDROCHLORIDE * FELBEN * FENYLHIST * HALBMOND * alpha-HYDROXYDIPHENYLMETHANE beta-DIMETHYLAMINOETHYL ETHER HYDROCHLORIDE * NCI-C56075 * ROHYDRA * SK-DIPHENHYDRAMINE * VALDRENE * WEHYDRYL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T53	orl-rat TDLo:1 gm/kg (6-15D preg)	NTIS** PB83-180612
1T25	orl-rat TDLo:39 mg/kg (6-15D preg)	TXAPA9 18,971,71
3T43T46T53	par-rat TDLo:12 mg/kg (10D preg)	AFTOD7 3,157,77
1T76	par-rat TDLo:48 mg/kg (13-16D preg)	AFTOD7 3,157,77
1T25	par-rat TDLo:12 mg/kg (5D preg)	AFTOD7 3,157,77
2T71T75	orl-mus TDLo:420 mg/kg (1-21D preg)	ARZNAD 18,188,68
1T76	orl-mus TDLo:4200 mg/kg (1-21D preg)	ARZNAD 18,188,68
1T34	orl-mus TDLo:320 mg/kg (11-14D preg)	NTIS** PB83-148684
1T34	scu-mus TDLo:50 mg/kg (8D preg)	JPMSAE 60,420,71
1T53	scu-mus TDLo:100 mg/kg (8D preg)	JPMSAE 60,420,71
1T34	unk-mus TDLo:1600 mg/kg (6-15D preg)	TJADAB 27,53A,83

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:500 mg/kg	NIIRDN 6,334,82
	scu-rat LD50:362 mg/kg	TXAPA9 18,185,71
*	ivn-rat LD50:42 mg/kg	NIIRDN 6,334,82
	orl-mus LD50:114 mg/kg	JPETAB 113,72,55
	ipr-mus LD50:56 mg/kg	JPETAB 112,318,54
	scu-mus LD50:112 mg/kg	JPETAB 113,72,55
	ivn-mus LD50:30 mg/kg	TXAPA9 23,537,72
3F07F12F13	ivn-dog LD50:24 mg/kg	JPETAB 89,227,47
	ivn-rbt LD50:10 mg/kg	FEPRA7 4,150,45
	orl-gpg LD50:284 mg/kg	JPETAB 113,72,55
	ipr-gpg LD50:75 mg/kg	JPETAB 83,120,45
	scu-gpg LD50:40 mg/kg	JPETAB 113,72,55
1K13	ims-pgn LD50:63 mg/kg	JAPMA8 46,140,57

STATUS:
NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLAMINE, 2-DIPHENYL-N-METHYL-, HYDROCHLORIDE see: SI0800000

KR7175000 ETHYLAMINE, 2,2'-DITHIOBIS-

UPDT:8309 CAS: 51-85-4 MW: 152.30 MOLFM: C4-H12-N2-S2

SYN: BECAPTAN DISULFURE (French) * BIS(beta-AMINOETHYL)DISULFIDE * CYSTAMINE * CYSTEINAMINE DISULFIDE * CYSTINAMIN (German) * CYSTINEAMINE * DECARBOXYCYSTINE * beta,beta'-DIAMINODIETHYL DISULFIDE * 2,2'-DITHIOBIS(ETHYLAMINE) * 1591-L * MERCAMINE DISULFIDE * beta-MERCAPTOETHYLAMINE DISULFIDE * 2-MERCAPTOETHYLAMINE (OXIDIZED)

MUTATION DATA AND REFERENCES:

	dnd-mam:lym 200 mmol/L	IJRBA3 9,185,65

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:99 mg/kg	SVLKAO 24,541,81
	scu-rat LDLo:150 mg/kg	AEPPAE 185,461,37
1H02	ims-rat LD50:96 mg/kg	SVLKAO 24,541,81
*	ipr-mus LD50:220 mg/kg	RDBGAT 19,593,78
	scu-mus LD50:214 mg/kg	AIPTAK 109,108,57
	scu-rat LDLo:200 mg/kg	AEPPAE 185,461,37
	scu-gpg LDLo:300 mg/kg	AEPPAE 185,461,37

ETHYLAMINE (DOT) see: KH2100000

KR7650000 ETHYLAMINE, N-(HYDROPEROXYMETHYL)-N-NITROSO-

UPDT:8303 MW: 120.13 MOLFM: C3-H8-N2-O3

SYN: N-ETHYL-N-(HYDROPEROXYMETHYL)NITROSAMINE * N-(HYDROPEROXYMETHYL)-N-NITROSOETHYLAMINE

MUTATION DATA AND REFERENCES:

	msc-ham:lng 50 umol/L	GANNA2 73,522,82

ETHYLAMINE, 2-IMIDAZOL-4-YL- see: MS1050000

ETHYLAMINE, 2,2'-IMINOBIS- see: IE1225000

KR8500000 ETHYLAMINE, 2,2'-ISOPROPYLIDENEDITHIOBIS-

UPDT:8408 MW: 194.39 MOLFM: C7-H18-N2-S2

SYN: 2,2'-ISOPROPYLIDENEDITHIOBIS(ETHYLAMINE)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:300 mg/kg	EJMCA5 19,119,84

ETHYLAMINE, 2-MERCAPTO-, HYDROCHLORIDE see: KJ0200000

KR8850000 ETHYLAMINE, N-(METHOXYMETHYL)-N-NITROSO-

UPDT:8405 CAS: 61738-04-3 MW: 118.16 MOLFM: C4-H10-N2-O2

SYN: METHOXYMETHYL AETHYLNITROSAMIN (German) * METHOXYMETHYL ETHYLNITROSAMINE

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-rat TDLo:1240 mg/kg/23W-I	ZKKOBW 88,25,76
2V01L60	orl-rat TD :1890 mg/kg/17W-I	ZKKOBW 88,25,76

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:540 mg/kg	ZKKOBW 88,25,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR8880000 ETHYLAMINE, 1-METHOXY-N-METHYL-N-NITROSO-

UPDT:8401 CAS: 61738-05-4 MW: 118.16 MOLFM: C4-H10-N2-O2

SYN: 1-METHOXY AETHYL METHYLNITROSAMIN (German) * 1-METHOXY ETHYL METHYLNITROSAMINE

TUMORIGENIC DATA AND REFERENCES:

3V01J60K60	orl-rat TDLo:920 mg/kg:60W-I	ZKKOBW 88,25,76

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:240 mg/kg	ZKKOBW 88,25,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR8970000 ETHYLAMINE, 2,2'-((alpha-METHYLBENZYLIDENE)DITHIO)BIS-

UPDT:8408 MW: 256.46 MOLFM: C12-H20-N2-S2

SYN: 2,2'-((alpha-METHYLBENZYLIDENE)DITHIO)BIS(ETHYLAMINE)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1 gm/kg	EJMCA5 19,119,84

KR9100000 ETHYLAMINE, N-METHYL-2-((o-METHYL-alpha-PHENYLBENZYL)OXY)-, HYDROCHLORIDE

UPDT:8405 CAS: 10488-36-5 MW: 291.85 MOLFM: C17-H21-N-O C1-H

SYN: BS 7331 * N-DEMETHYLORPHENADRINE HYDROCHLORIDE * ELAMOL * ETHANAMINE, N-METHYL-2-((2-METHYLPHENYL)PHENYLMETHOXY)-, HYDROCHLORIDE * N-METHYLAMINOETHYL 2-METHYLBENZHYDRYL ETHER HYDROCHLORIDE * N-METHYL-2-((o-METHYL alpha-PHENYLBENZYL)OXY)ETHYLAMINE HYDROCHLORIDE * N-METHYL-2-(alpha-(2-TOLYL)BENZYL)OXY)ETHYLAMINE HYDROCHLORIDE * (2-PHENYL-o-TOLYLMETHOXY)ETHYLDIMETHYLAMINE HYDROCHLORIDE * PHENYL-(o-TOLYLMETHYL)-METHYLAMINOETHYL ETHER HYDROCHLORIDE * TOFENACINE HYDROCHLORIDE * TOFENACIN HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:400 mg/kg	27ZQAG -,375,72
2J26E15	ipr-rat LD50:72 mg/kg	AIPTAK 177,28,69
	ivn-rat LD50:15 mg/kg	27ZQAG -,375,72
1F41	orl-mus LD50:182 mg/kg	AIPTAK 177,28,69
	ipr-mus LD50:55 mg/kg	AIPTAK 177,28,69
	scu-mus LD50:82 mg/kg	AIPTAK 177,28,69
	ivn-mus LD50:32 mg/kg	27ZQAG -,375,72
	orl-dog LD50:90 mg/kg	27ZQAG -,375,72
1E15	scu-gpg LD50:92 mg/kg	AIPTAK 177,28,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR9200000 ETHYLAMINE, N-METHYL-N-NITROSO-

UPDT:8412 CAS: 10595-95-6 MW: 88.13 MOLFM: C3-H8-N2-O

SYN: ETHYLMETHYLNITROSAMINE * METHYLAETHYLNITROSAMIN (German) * METHYLETHYLNITROSAMINE * N,N-METHYLETHYLNITROSAMINE * N-METHYL N-NITROSO ETHAMINE * N-METHYL N-NITROSOETHYLAMINE * NEMA * N-NITROSOETHYLMETHYLAMINE * N-NITROSOMETHYLETHYLAMINE * NMEA

MUTATION DATA AND REFERENCES:

	mma-sat 500 ug/plate	CRNGDP 5,1091,84
	mma-esc 5 mmol/L	MUREAV 89,209,81
	slt-dmg-orl 100 umol/L	ENMUDM 5,455,83
	hma-mus/esc 590 umol/kg	CRNGDP 2,909,81
	hma-mus/sat ??500 ug/kg	MUREAV 110,9,83
	msc-ham:lng 10 umol/L/18H	CNREA8 40,406,80

TUMORIGENIC DATA AND REFERENCES:

2V03L60	orl-rat TDLo:72 mg/kg/30W-I	CNREA8 40,19,80
3V03L60T69	orl-rat TD :420 mg/kg/71W-C	ZEKBAI 69,103,67
3V03J60L60	orl-rat TD :2250 mg/kg/30W-C	CALEDQ 14,297,81
3V03D09L60	orl-rat TD :360 mg/kg/30W-I	JJIND8 68,681,82
2V03K60	orl-rat TD :90 mg/kg/30W-I	FCTOD7 21,601,83
2V03L60	orl-rat TD :600 mg/kg/15W-C	PAACA3 25,126,84

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:90 mg/kg	ZEKBAI 69,103,67

REVIEW AND REFERENCES:

★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 17,221,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLAMINE, N-METHYL-N-NITROSO-1-PHENYL- see: DP4730000

KR9230000 ETHYLAMINE, N-METHYL-N-NITROSO-2,2,2-TRIFLUORO-

UPDT:8401 MW: 142.10 MOLFM: C3-H5-F3-N2-O

SYN: NITROSOMETHYL 2-TRIFLUOROETHYLAMINE

MUTATION DATA AND REFERENCES:

	mma-sat 250 ug/plate	TCMUD8 1,295,80
	mma-sat 1 mg/plate	TCMUD8 1,295,80

TUMORIGENIC DATA AND REFERENCES:

3V03D09K60	orl-rat TDLo:300 mg/kg/30W-I	JJIND8 68,681,82
2V03K60	orl-rat TD :700 mg/kg/28W-I	JJIND8 68,681,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KR9255000 ETHYLAMINE, 2,2'-((METHYLPHENYLGERMYLENE)DITHIO)BIS-

UPDT:8408 MW: 317.04 MOLFM: C13-H20-Ge-N2-S2

SYN: 2,2'-((METHYLPHENYLGERMYLENE)DITHIO)BIS(ETHYLAMINE)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:650 mg/kg	EJMCA5 19,119,84

KR9310000 ETHYLAMINE, 1-METHYL-2-(2,6-XYLYLOXY)-, HYDROCHLORIDE

UPDT:8310 CAS: 5370-01-4 MW: 215.75 MOLFM: C11-H17-N-O C1-H

SYN: KO 1173 * KOE 1173 HYDROCHLORIDE * 1-METHYL-2-(2,6-XYLYLOXY)-ETHYLAMINE HYDROCHLORIDE * MEXILETINE HYDROCHLORIDE * MEXITIL * 2-PROPANAMINE, 1-(2,6-DIMETHYLPHENOXY)-, HYDROCHLORIDE (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03	orl-rat TDLo:1500 mg/kg (60D male)	IYKEDH 14,527,83
1T02	orl-rat TDLo:1120 mg/kg (28D male)	IYKEDH 13,922,82
2T81T85	orl-rat TDLo:1350 mg/kg (17-22D preg/21D post)	IYKEDH 14,527,83
1T34	orl-rat TDLo:825 mg/kg (7-17D preg)	IYKEDH 14,527,83
1T85	orl-rat TDLo:275 mg/kg (7-17D preg)	IYKEDH 14,527,83
1T02	ivn-rat TDLo:140 mg/kg (28D male)	IYKEDH 13,922,82
1T12	ivn-rat TDLo:560 mg/kg (28D pre)	IYKEDH 13,922,82
1T03	ivn-rat TDLo:300 mg/kg (60D male)	IYKEDH 14,550,83
1T85	ivn-rat TDLo:27500 ug/kg (7-17D preg)	IYKEDH 14,550,83
1T09	ivn-rat TDLo:150 mg/kg (60D male)	IYKEDH 14,550,83

TOXICITY DATA AND REFERENCES:

3F07F11F19	orl-rat LD50:330 mg/kg	IYKEDH 13,922,82
3F07F11Q30	scu-rat LD50:500 mg/kg	IYKEDH 13,922,82
3F11F12J26	ivn-rat LD50:27 mg/kg	IYKEDH 13,922,82
3F11F12J26	ims-rat LD50:190 mg/kg	IYKEDH 13,922,82
2F07F12	orl-mus LD50:310 mg/kg	IYKEDH 13,922,82
3F12F19Q30	scu-mus LD50:235 mg/kg	IYKEDH 13,922,82
3F05F12J26	ivn-mus LD50:43 mg/kg	IYKEDH 13,922,82
3F05F12J26	ims-mus LD50:128 mg/kg	IYKEDH 13,922,82
3D35F12J26	orl-rbt LD50:160 mg/kg	IYKEDH 13,922,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLAMINE, N-(3-(5-NITRO-2-FURYL)-s-TRIAZOL-5-YL)-N-NITROSO- see: KZ4910500

ETHYLAMINE, N-NITROSODI- see: EA3500000

KR9440000 ETHYLAMINE, N-NITRO-N,1,1-TRIMETHYL-

UPDT:8412 MW: 132.17 MOLFM: C5-H12-N2-O2

MUTATION DATA AND REFERENCES:

	mma-sat 20 umol/plate	CRNGDP 5,809,84

KR9450000 ETHYLAMINE, 2,2'-((5,5-NONYLIDENE)DITHIO)BIS-

UPDT:8408 MW: 278.57 MOLFM: C13-H30-N2-S2

SYN: 2,2'-((5,5-NONYLIDENE)DITHIO)BIS(ETHYLAMINE)
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:1500 mg/kg EJMCA5 19,119,84

KR9460000 ETHYLAMINE, 2,2'-OXYBIS(N,N-DIMETHYL-
UPDT:8306 CAS: 3033-62-3 MW: 160.30 MOLFM: C8-H20-N2-O
SYN: BIS(2-DIMETHYLAMINOETHYL)ETHER * NIAX CATALYST A1
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open SEV UCDS** 12/27/71
eye-rbt 1 mg SEV UCDS** 12/27/71
TOXICITY DATA AND REFERENCES:
ori-rat LD50:1230 mg/kg DCTODJ 2,223,79
skn-rbt LD50:280 mg/kg AIHAAP 30,470,69
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 26, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0378-0105
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLAMINE, 1-PHENYL- see: DP5775000
ETHYLAMINE, 2-PHENYL- see: SG8750000

KR9630000 ETHYLAMINE, 2-(PHENYLDITHIO)-, HYDROCHLORIDE
UPDT:8404 CAS: 3911-27-1 MW: 221.78 MOLFM: C8-H11-N-S2-Cl-H
SYN: 2-(PHENYLDITHIO)ETHYLAMINE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dni-rat-lym 500 umol/l CBINA8 23,215,78

ETHYLAMINE SOLUTION, in water, concentrations up to 70% (DOT) see: KH2155000

KS0320000 ETHYLAMINE, 2-((2-(TRIMETHYLSILYL)ETHYL)THIO)-
UPDT:8305 CAS: 80589-36-2 MW: 177.42 MOLFM: C7-H19-N-S-Si
SYN: SDK-12A * TRIMETHYLSILYLETHYLTHIOETHYLAMINE * 2-((2-(TRIMETHYLSILYL)ETHYL)THIO)ETHYLAMINE
TOXICITY DATA AND REFERENCES:
1V30 orl-mus LD50:750 mg/kg GTKRDX 8,1130,81
1V30 ipr-mus LD50:75 mg/kg GTKRDX 8,1130,81

KS0370000 ETHYLAMINE, 2,2'-(9H-XANTHENE-2,7-DIYLBIS(OXY))BIS(N,N-DIMETHYL-
UPDT:8309 CAS: 38013-78-4 MW: 356.51 MOLFM: C21-H28-N2-O3
SYN: 2,2'-(9H-XANTHENE-2,7-DIYLBIS(OXY))BIS(N,N-DIMETHYLETHYLAMINE)
TOXICITY DATA AND REFERENCES:
° scu-mus LDLo:50 mg/kg JMCMAR 19,1142,76

1-((ETHYLAMINO)ACETYL)-2-((o-BENZAMIDOPHENYL)OXALYL)HYDRAZINE HYDROCHLORIDE see: MV3607000
N-ETHYL-4-AMINOAZOBENZENE see: BY0500000
4-(ETHYLAMINOAZOBENZENE) see: BY0500000
N-ETHYLAMINOBENZENE see: BX9780000
ETHYL o-AMINOBENZOATE see: DG2448000
ETHYL 2-AMINO-6-BENZYL-4,5,6,7-TETRAHYDROTHIENO(2,3-c)PYRIDINE-3-CARBOXYLATE see: XJ9088300
ETHYL 2-AMINO-6-BENZYL-4,5,6,7-TETRAHYDROTHIENO(2,3-c)PYRIDINE-3-CARBOXYLATE HYDROCHLORIDE see: XJ9088600
1-(ETHYLAMINO)CYCLOHEXANECARBONITRILE see: GU7560000
2-ETHYLAMINO-4-DIETHYLAMINO-6-CHLORO-s-TRIAZINE see: XY5425000
2-ETHYLAMINOETHANOL see: KK9100000
S-(2-(ETHYLAMINO)-1-(((ETHYLAMINO)CARBONYL)-2-OXOETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE0660000
1-((2-(ETHYLAMINO)ETHYL)AMINO)-4-(HYDROXYMETHYL)THIOXANTHEN-9-ONE see: XO1605970
4-(2-(ETHYLAMINO)ETHYL)IMIDAZOLE see: NI6128000
N-(((ETHYLAMINO)IMINOMETHYL)-N'-(2-ETHYL-6-METHYLPHENYL)UREA HYDROCHLORIDE see: YT2345000
N-(((ETHYLAMINO)IMINOMETHYL)-N'-(2-METHOXY-6-METHYLPHENYL)UREA HYDROCHLORIDE see: YT2345400
N-(((ETHYLAMINO)IMINOMETHYL)-N'-(2-METHYLPHENYL)-UREA HYDROCHLORIDE see: YT2345600
(2-(((ETHYLAMINO)IMINOMETHYL)THIO)ETHYL)TRIMETHYL AMMONIUM BROMIDE HYDROBROMIDE see: BQ3980000
2-ETHYLAMINO-4-ISOPROPYLAMINO-6-METHOXY-s-TRIAZINE see: XY8750000
4-ETHYLAMINO-6-ISOPROPYLAMINO-2-METHOXY-s-TRIAZINE see: XY8750000
6-ETHYLAMINO-4-ISOPROPYLAMINO-2-METHOXY-1,3,5-TRIAZINE see: XY8750000
2-ETHYLAMINO-4-ISOPROPYLAMINO-6-METHYLMERCAPTO-s-TRIAZINE see: XY9100000
2-ETHYLAMINO-4-ISOPROPYLAMINO-6-METHYLTHIO-s-TRIAZINE see: XY9100000
2-ETHYLAMINO-4-ISOPROPYLAMINO-6-METHYLTHIO-1,3,5-TRIAZINE see: XY9100000
3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY)-ISOPROPYL-L-BUTENOATE see: GQ4750000
2-ETHYLAMINO-4-METHYL-5-n-BUTYL-6-HYDROXYPYRIMIDINE see: UW7380000
(+ -)-alpha-((ETHYLAMINO)METHYL)-m-HYDROXYBENZYL ALCOHOL see: DO5600010
alpha-(ETHYLAMINOMETHYL)-p-HYDROXYBENZYL ALCOHOL see: DO5603000
4-(ETHYLAMINOMETHYL)IMIDAZOLE see: NI6130000
2-(ETHYLAMINO)-2-METHYL-1-PROPANOL BENZOATE HYDROCHLORIDE see: UB5555000
3-(ETHYLAMINO)-1H-NAPHTHO(2,1-b)PYRAN-1-ONE see: QL6160000
S-(2-(ETHYLAMINO-2-OXOETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE0960000
ETHYL 1-(p-AMINOPHENETHYL)-4-PHENYLISONIPECOTATE see: NS5250000
ETHYL 1-(4-AMINOPHENETHYL)-4-PHENYLISONIPECOTATE see: NS5250000
3-ETHYL 3-(p-AMINOPHENYL)-2,6-DIOXOPIPERIDINE see: MA4026950
ETHYL p-AMINOPHENYL KETONE see: UG7350000
2-ETHYLAMINO-3-PHENYL-NORCAMPHANE HYDROCHLORIDE see: RB6825000
(m-ETHYLAMINOPHENYL)PHOSPHONIC ACID see: SZ7907000
1-((3-(ETHYLAMINO)PROPYL)AMINO)-5,6,11-TRIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL see: UU8892000
3-(2-(ETHYLAMINO)PROPYL)-1,2,3,4-TETRAHYDRO-5H-(1)BENZOPYRANO(3,4-c)PYRIDIN-5-ONE see: DJ3150000
5H-(1)BENZOPYRAN(3,4-c)PYRIDIN-5-ONE, 1,2,3,4-TETRAHYDRO-3-(2-(ETHYLAMINO)PROPYL)-
ETHYL p-AMINOSALICYLATE see: VO1625000
O-(4-(ETHYLAMINO)SULFONYL)PHENYL O,O DIMETHYL PHOSPHOROTHIOATE see: TF6900000
2-ETHYLAMINOTHIADIAZOLE see: XI3900000
2-ETHYLAMINO-1,3,4-THIADIAZOLE see: XI3900000
2-(ETHYLAMINO)TOLUENE see: XU6440000
2-ETHYL-3-(3-AMINO-2,4,6-TRIIODOPHENYL)PROPIONIC ACID see: MW5075000
ETHYLAMYLCARBINOL see: RH0855000
ETHYL-n-AMYLCARBINOL see: RH0855000
ETHYL AMYL KETONE see: RH1485000
ETHYL sec-AMYL KETONE see: MJ7350000
ETHYL AMYL KETONE (DOT) see: RH1485000
2-(1-ETHYLAMYLOXY)ETHANOL see: KL0700000
2-(2-(1-ETHYLAMYLOXY)ETHOXY)ETHANOL see: KL0875000
ETHYLAN see: KH5790000
ETHYLAN A3 see: MD0880000
ETHYLAN A6 see: MD0880000
ETHYLAN CP see: MD0907600
N-ETHYLANILINE see: BX9780000
N-ETHYLANILINE see: BX9780600
o-ETHYLANILINE see: BX9800000
p-ETHYLANILINE see: BX9900000
2-ETHYL ANILINE see: BX9800000
N-ETHYLANILINE (DOT) see: BX9780000
2-ETHYLANILINE (DOT) see: BX9800000

1-(2-(N-ETHYLANILINO)ETHYL)-3-METHYL-4-PHENYL-4-PIPERIDINOL PROPIONATE DIHYDROCHLORIDE see: TN7330000
4-PIPERIDINOL, 1-(2-(N-ETHYLANILINO)ETHYL)-3-METHYL-4-PHENYL-, PROPIONATE,DIHYDROCHLORIDE
ETHYL ANISATE see: BZ4697000
ETHYL p-ANISATE see: BZ4697000
ETHYLAN LD see: GG6200000
ETHYLAN MLD see: JR1925000
ETHYL ANTHRANILATE see: DG2448000
ETHYL ANTIOXIDANT 736 see: GP3200000
ETHYL APOVINCAMINATE see: JW4792000
ETHYL APOVINCAMIN-22-OATE see: JW4792000
ETHYLARSINE see: CH6350000
DL-N-ETHYLASPARATIC ACID see: CI9451000
ETHYL AZIRIDINECARBOXYLATE see: CM6800000
ETHYL 1-AZIRIDINECARBOXYLATE see: CM6800000
ETHYL AZIRIDINOCARBOXYLATE see: CM6800000
ETHYL 1-AZIRIDINYLCARBOXYLATE see: CM6800000
ETHYL AZIRIDINYLFORMATE see: CM6800000
ETHYLBARBITAL see: CQ3500000
ETHYLBENATROPINE see: RD0525000
7-ETHYLBENZ(c)ACRIDINE see: CU3750000
9-ETHYL-3,4-BENZACRIDINE see: CU3750000
5-ETHYL-1,2-BENZANTHRACENE see: CW5850000
7-ETHYLBENZ(a)ANTHRACENE see: CW5775000
10-ETHYL-1,2-BENZANTHRACENE see: CW5775000
12-ETHYLBENZ(a)ANTHRACENE see: CW5860300
ETHYLBENZEEN (Dutch) see: DA0790000
N-ETHYLBENZENAMINE see: BX9740000
2-ETHYLBENZENAMINE see: BX9800000
N-ETHYLBENZENAMINO see: BX9780000
ETHYL BENZENE see: DA0700000
ETHYL BENZENEACETATE see: AJ2824000
alpha-ETHYLBENZENEACETIC ACID 2-(2-(DIETHYLAMINO)ETHOXY)ETHYL ESTER CITRATE see: ET5960000
ETHYL BENZENE (DOT) see: DA0700000
alpha-ETHYLBENZENEMETHANOL see: DO5470000
N-(4-ETHYLBENZENESULFONYL)ERYTHROMYCYLAMINE see: KF4680000
p-((2-ETHYLBENZIMIDAZOL-1-YLMETHYL)AMINO)BENZOIC ACID HYDRAZIDE see: DH0188500
N-(2-ETHYL-1H-BENZIMIDAZOL-5-YL)-N'-p-TOLYLTHIOUREA see: XN9451300 THIOUREA, N-(2-ETHYL-1H-BENZIMIDAZOL-5-YL)-N'-p-TOLYL-
ETHYL BENZOATE see: DH0200000
ETHYLBENZOL see: DA0700000
3-ETHYL-2-BENZOXAZOLINONE see: DM5271600
N-ETHYLBENZOXAZOLONE see: DM5271600
ETHYL BENZOYL ACETATE see: AF4878000 ACETIC ACID, BENZOYL-, ETHYL ESTER
ETHYL O-BENZOYL 3-CHLORO-2,6-DIMETHOXY-BENZOHYDROXIMATE see: DF9700000
ETHYL N-BENZOYL-N-(3,4-DICHLOROPHENYL)-2-AMINOPROPIONATE see: UE7550000
2-ETHYL-3,4-BENZPHENANTHRENE see: DI8575000
ETHYLBENZTROPINE see: RD0525000
alpha-ETHYLBENZYL ALCOHOL see: DO5470000
ETHYLBENZYLANILINE see: DP5260000
N-ETHYL-N-BENZYLANILINE see: DP5260000
N-ETHYL-N-BENZYLANILINE (DOT) see: DP5260000
ETHYLBENZYL DIMETHYLALKYLAMMONIUM CYCLOHEXYLSULFAMATE see: BQ1000000
alpha-ETHYLBENZYL ESTER of PHTHALIC ACID SODIUM SALT see: TI2058000
2-((alpha-ETHYLBENZYL)OXY)-2-METHYLPROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: UF3490000
N-ETHYLBENZYLTOLUIDINES (DOT) see: XU3676000
8-(p-ETHYLBENZYL)TROPINIUM BROMIDE MANDELATE see: YM3570000
5-ETHYL-5-(BICYCLO(3.2.1)OCTENYL)BARBITURIC ACID see: CQ0525000
1-ETHYLBIGUANIDE HYDROCHLORIDE see: DU1830000
alpha-ETHYL-(1,1'-BIPHENYL)-4-ACETIC ACID see: ES7400000
alpha-ETHYL-4-BIPHENYLACETIC ACID see: ES7400000
ETHYL BISCOUMACETATE see: AF5775000
2-ETHYL-1,3-BIS(DIMETHYLAMINO)-2-PROPANOL BENZOATE see: EL2350000
ETHYL BIS(4-HYDROXYCOUMARINYL)ACETATE see: AF5775000
ETHYL BIS(4-HYDROXY-3-COUMARINYL)ACETATE see: AF5775000
5-ETHYL-1,3-BIS(METHOXYMETHYL)-5-PHENYLBARBITURIC ACID see: CQ0560000
5-ETHYL-1,3-BIS(METHOXYMETHYL)-5-PHENYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE see: CQ0560000
5-ETHYL BIS(2-METHYLPROPYL)CARBAMOTHIOATE see: EZ7525000
ETHYL BORATE (DOT) see: ED4590000
ETHYL BROMACETATE see: AF6000000
ETHYL BROMIDE see: KH6475000
ETHYL BROMIDE (DOT) see: KH6475000
ETHYL BROMOACETATE see: AF6000000
ETHYL alpha-BROMOACETATE see: AF6000000
ETHYL BROMOACETATE (DOT) see: AF6000000
5-(ETHYL)-5-(2-BROMOALLYL)BARBITURIC ACID see: CQ1010000
N-ETHYL-N-o-BROMOBENZYL-N,N-DIMETHYLAMMONIUM TOSYLATE see: BO9450000
ETHYL BROMOPHOS see: TE7000000
2-ETHYLBUTANAL see: ES2675000
ETHYL BUTANOATE see: ET1660000
2-ETHYL BUTANOIC ACID see: ET1400000
2-ETHYLBUTANOL see: EL3850000
2-ETHYLBUTANOL-1 see: EL3850000
2-ETHYL-1-BUTANOL see: EL3850000
2-ETHYLBUTANOL (DOT) see: EL3850000
3-ETHYLBUTINOL see: SC4900000
2-(2-ETHYLBUTOXY)ETHANOL see: KK9275000
2-ETHYLBUTOXYPROPANOL mixed isomers see: UB5600000
3-(2-ETHYLBUTOXY)PROPIONIC ACID see: UF3500000
3-(2-ETHYLBUTOXY)PROPIONITRILE see: UG1925000
ETHYLBUTYLACETALDEHYDE see: MN7525000
ETHYL BUTYLACETATE (DOT) see: MO7735000
2-ETHYLBUTYLACRYLATE see: AT0300000
2-ETHYLBUTYL ALCOHOL see: EL3850000
2-ETHYLBUTYLAMINE see: EO4900000
5-ETHYL-5-n-BUTYLBARBITURIC ACID see: CQ1575000
ETHYLBUTYLCETONE (French) see: MJ5250000
ETHYL BUTYL ETHER see: KN4725000
ETHYL BUTYL ETHER (DOT) see: KN4725000
ETHYLBUTYLKETON (Dutch) see: MJ5250000
ETHYL BUTYL KETONE see: MJ5250000
ETHYL-n-BUTYLNITROSAMINE see: EO5075000
ETHYL-t-BUTYLNITROSOAMINE see: EO5100000
ETHYL tert-BUTYLNITROSAMINE see: EO5100000
ETHYL N-BUTYL N-NITROSOSUCCINAMATE see: WM3420000
alpha-ETHYL-beta-s-BUTYL-STILBENE see: WJ6650000

BEST COPY AVAILABLE

3-ETHYLBUTYNOL see: SC4900000
ETHYL BUTYRALDEHYDE see: ES2625000
alpha-ETHYLBUTYRALDEHYDE see: ES2625000
ETHYL BUTYRALDEHYDE (DOT) see: ES2625000
ETHYL BUTYRATE see: ET1660000
ETHYL n-BUTYRATE see: ET1660000
ETHYL BUTYRATE (DOT) see: ET1660000
alpha-ETHYLBUTYRIC ACID see: ET1400000
2-ETHYLBUTYRIC ACID see: ET1400000
2-ETHYLBUTYRIC ALEDHYDE see: ES2625000
gamma-ETHYLBUTYROLACTONE see: LU4220000
gamma-ETHYL-n-BUTYROLACTONE see: LU4220000
ETHYL CADMATE see: EU9850000
ETHYL CAPRATE see: HD9420000
ETHYL CAPRINATE see: HD9420000
alpha-ETHYLCAPROALDEHYDE see: MN7525000
ETHYL CAPROATE see: MO7735000
alpha-ETHYLCAPROIC ACID see: MO7700000
N-ETHYL-epsilon-CAPROLACTAM see: CM3905000
ETHYL CAPRYLATE see: RH0680000
ETHYL CARBAMATE see: FA8400000
ETHYLCARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE see: FA6710000
ETHYLCARBAMIC ACID, ETHYL ESTER see: FA9100000
ETHYLCARBAMIC ACID ((10H-PHENOTHIAZIN-10-YLCARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER see: FB0390000
ETHYLCARBAMIC ACID alpha-2-PIPERIDINOETHYLBENZYL ESTER HYDROBROMIDE see: FB0430000
1-(2-ETHYLCARBAMOTHIOIC ACID O-METHYL ESTER)-2-METHYL-5-NITROIMIDAZOLE see: FD3912000
D-(-)-1-(ETHYLCARBAMOYL)ETHYL PHENYLCARBAMATE see: FD8900000
S-(N-ETHYLCARBAMOYLMETHYL) DIMETHYL PHOSPHORODITHIOATE see: TE0960000
ETHYL CARBANILATE see: FD8925000
ETHYL CARBINOL see: UH8225000
ETHYL CARBITOL see: KK8750000
ETHYL CARBONATE see: FF9800000
N-ETHYL-N-(3-CARBOXYPROPYL)NITROSOAMINE see: ET1680000
ETHYL CELLOSOLVE see: KK8050000
ETHYL CELLOSOLVE ACETAAT (Dutch) see: KK8225000
ETHYL CETAB see: BQ5425000
ETHYLCHLOORFORMIAAT (Dutch) see: LQ6125000
ETHYL CHLORACETATE see: AF9110000
ETHYL CHLORIDE see: KH7525000
ETHYL CHLORIDE (DOT) see: KH7525000
ETHYL CHLOROACETATE see: AF9110000
ETHYL alpha-CHLOROACETATE see: AF9110000
ETHYL CHLOROACETATE (DOT) see: AF9110000
ETHYL alpha-CHLOROACRYLATE see: AS6340000
ETHYL 2-CHLOROACRYLATE see: AS6340000
ETHYLCHLOROBENZENE see: CZ0700000
ETHYL CHLOROCARBONATE see: LQ6125000
ETHYL CHLOROCARBONATE (DOT) see: LQ6125000
ETHYL 4-CHLORO-alpha-(4-CHLOROPHENYL)-alpha-HYDROXYBENZENEACETATE see: DD2275000
ETHYL CHLOROETHANOATE see: AF9110000
7-(2-(ETHYL-2-CHLOROETHYL)AMINOETHYLAMINO)BENZ(c)ACRIDINE DIHYDROCHLORIDE see: CU3440000
7-(3-(ETHYL-2-(CHLOROETHYLAMINO)PROPYLAMINO))BENZ(c)ACRIDINE DIHYDROCHLORIDE see: CU3460000
9-(3-(ETHYL(2-CHLOROETHYL)AMINO)PROPYLAMINO)-6-CHLORO-2-METHOXYACRIDINE DIHYDROCHLORIDE see: AR7680000
9-(3-(ETHYL-2-CHLOROETHYL)AMINOPROPYLAMINO)-4-METHOXYACRIDINE DIHYDROCHLORIDE see: AR8200000
ETHYL(CHLOROETHYL)ANILINE see: BX1300000
ETHYL N-(beta-CHLOROETHYL)-N-NITROSOCARBAMATE see: EZ2100000
ETHYL CHLOROFORMATE see: LQ6125000
ETHYL CHLOROFORMATE (DOT) see: LQ6125000
7-ETHYL-10-CHLORO-11-METHYLBENZ(c)ACRIDINE see: CU3475000
ETHYL CHLOROMETHYL ETHER see: KN6430000
ETHYL 4-(4-CHLORO-2-METHYLPHENOXY)BUTYLATE see: ES8600000
ETHYL 4-(4-CHLORO-2-METHYLPHENOXY)BUTYRATE see: ES8600000
ETHYL CHLOROPHENOXYISOBUTYRATE see: UE9480000
ETHYL alpha-p-CHLOROPHENOXY-ISOBUTYRATE see: UE9480000
ETHYL alpha-(4-CHLOROPHENOXY)ISOBUTYRATE see: UE9480000
ETHYL para-CHLOROPHENOXYISOBUTYRATE see: UE9480000
ETHYL 2-(p-CHLOROPHENOXY)ISOBUTYRATE see: UE9480000
ETHYL alpha-(p-CHLOROPHENOXY)-alpha-METHYLPROPIONATE see: UE9480000
ETHYL alpha-(4-CHLOROPHENOXY)-alpha-METHYLPROPIONATE see: UE9480000
ETHYL 2-(p-CHLOROPHENOXY)-2-METHYLPROPIONATE see: UE9480000
ETHYL 2-(4-CHLOROPHENOXY)-2-METHYLPROPIONATE see: UE9480000
O-ETHYL S-4-CHLOROPHENYL ETHYLPHOSPHONODITHIOATE see: TA5425000
ETHYL-2-CHLOROPROPIONATE (DOT) see: UE8870000
ETHYL CHLOROTHIOFORMATE (DOT) see: LQ6950000
ETHYL beta-CHLOROVINYL ETHYNYL CARBINOL see: SB4725000
24-beta-ETHYLCHOLEST-5-EN-3-beta-OL SULFATE see: FZ7400000
24-alpha-ETHYLCHOLESTEROL see: WJ2600000
ETHYLCHOLINE MUSTARD see: KK1370000
ETHYLCHOLINE MUSTARD AZIRIDINIUM ION see: CM9620000
ETHYL CITRAL see: RA5392500
ETHYL CITRATE see: GE8050000
ETHYL CLOFIBRATE see: UE9480000
O-ETHYLCOLCHIFOLINE see: AB8460000
2-ETHYLCROTONALDEHYDE see: GQ0350000
ETHYLCROTONATE see: GQ3500000
ETHYL (E)-CROTONATE see: GQ3500000
ETHYL trans-CROTONATE see: GQ3500000
ETHYL CROTONATE (DOT) see: GQ3500000
(alpha-ETHYLCROTONYL)CARBAMIDE see: YT2800000
(alpha-ETHYL-cis-CROTONYL)CARBAMIDE see: YT2900000
2-ETHYLCROTONYLUREA see: YT2800000
(alpha-ETHYLCROTONYL)UREA see: YT2800000
cis-(2-ETHYLCROTONYL) UREA see: YT2900000
2-ETHYL-cis-CROTONYLUREA see: YT2800000
2-ETHYL-trans-CROTONYLUREA see: YT2700000
trans-1-(2-ETHYLCROTONOYL)UREA see: YT2700000
ETHYL CYANIDE see: UF9625000
ETHYL CYANOACETATE see: AG4110000
ETHYL CYANOACETATE (DOT) see: AG4110000
ETHYL 1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PHENYLISONIPECOTATE MONOHYDROCHLORIDE see: NS5300000
ETHYL CYANOETHANOATE see: AG4110000
N-ETHYL-N-CYANOETHYL-p-AMINOBENZALDEHYDE see: UG2370000
N-ETHYL-N-(2-CYANOETHYL)ANILINE see: BY0100000
ETHYL 5-CYANO-6-OXO-3,4-DIPHENYL-1(6H)-PYRIDAZINEACETATE see: UR5700000 1-PYRIDAZINEACETICACID, 1,6-DIHYDRO-5-CYANO-3,4-DIPHENYL-6-OXO-, ETHYL ESTER
O-ETHYL O-4-CYANOPHENYL PHENYLPHOSPOROTHIOATE see: TB1750000
3-ETHYL-CYCLOBUTANECARBOXYLIC ACID see: GU1346000
5-ETHYL-5-(1'-CYCLOHEPTENYL)-BARBITURIC ACID see: CQ2450000
1-ETHYLCYCLOHEXANOL see: GV9040000
5-ETHYL-5-CYCLOHEXENYLBARBITURIC ACID see: CQ2975000
ETHYLCYCLOHEXYL ACETATE see: AG5095000
ETHYL-beta-CYCLOMEXYLETHYLAMINE HYDROCHLORIDE see: GV2190000
S-ETHYL CYCLOHEXYLETHYLTHIOCARBAMATE see: GU7200000
(ETHYL-1 CYCLOHEXYLE)-N PIPERIDINE (French) see: TN0290000
1-(1-ETHYLCYCLOHEXYL)PIPERIDINE see: TN0290000
ETHYL-beta-CYCLOPENTYLETHYLAMINE HYDROCHLORIDE see: GY4550600
ETHYL CYMATE see: ZH0350000
ETHYL CYSTEINE HYDROCHLORIDE see: HA1820000
3'-ETHYL-DAB see: BY0525000
4'-ETHYL-DAB see: BY0700000
p,p-ETHYL DDD see: KH5790000
p,p'-ETHYL-DDD see: KH5790000
ETHYL DECANOATE see: HD9420000
ETHYL DECYLATE see: HD9420000
ETHYL DIAZOACETATE see: AG5775000
ETHYLDIAZOTATE POTASSIUM SALT see: QY9222000
1'-ETHYL-1,2,5,6-DIBENZACRIDINE (French) see: HN1865000
1'-ETHYL-3,4,5,6-DIBENZACRIDINE (French) see: HN1870000
1-ETHYL-DIBENZ(a,j)ACRIDINE see: HN1870000
1''-ETHYLDIBENZ(a,h)ACRIDINE see: HN1872000
8-ETHYL DIBENZ(a,h)ACRIDINE see: HN1872000
ETHYL-3,3-DI-(tert-BUTYLPEROXY)BUTYRATE (DOT) see: ES7510000
ETHYL-3,3-DI-(tert-BUTYLPEROXY)BUTYRATE (DOT) see: ES7511000
ETHYL 3,3-DI-(tert-BUTYLPEROXY)BUTYRATE (DOT) see: ES7512000
ETHYLDICHLOROALUMINUM see: BD0705000
ETHYLDICHLOROARSINE see: CH3500000
ETHYLDICHLOROARSINE (DOT) see: CH3500000
ETHYL p,p'-DICHLOROBENZILATE see: DD2275000
ETHYL 4,4'-DICHLOROBENZILATE see: DD2275000
ETHYL 4,4'-DICHLORODIPHENYL GLYCOLLATE see: DD2275000
ETHYL N-(4,5-DICHLORO-2-NITROPHENYL)GLYCINATE see: MB9585500
ETHYL (2,4-DICHLOROPHENOXY)ACETATE see: AG8500000
ETHYL 4,4'-DICHLOROPHENYL GLYCOLLATE see: DD2275000
ETHYL 3-(3,5-DICHLOROPHENYL)-5-METHYL-2,4-DIOXO-5-OXAZOLIDINE CARBOXYLATE see: RP7190000
O-ETHYL-O-(2,4-DICHLOROPHENYL)-PHOSPHONOTHIONATE see: TB1735000
O-ETHYL-O-(2,4-DICHLOROPHENYL)-S-n-PROPYL-DITHIOPHOSPHATE see: TD5680000
O-ETHYL O-2,4-DICHLOROPHENYL THIONOBENZENEPHOSPHONATE see: TB1735000
ETHYLDICHLOROSILANE see: VV3230000
ETHYL DICHLOROSILANE (DOT) see: VV3230000
ETHYLDICHLORTHIOFOSFAT (Czech) see: TD4400000
ETHYLDICOUMAROL see: AF5775000
ETHYLDICOUMAROL ACETATE see: AF5775000
ETHYL 2-((DIETHOXYPHOSPHINOTHIOYL)OXY-5-METHYLPYRAZOLO(1,5-a)PYRIMIDINE-6-CARBOXYLATE see: TF2035000
ETHYL ((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETATE see: AI6825000
ETHYL (2-((DIETHOXYPHOSPHINOTHIOYL)THIO)ETHYL)CARBAMATE see: FA3325000
ETHYL 2-(DIETHOXYPHOSPHINYL)-3-OXOBUTANOATE see: EK7785000
ETHYL 5-DIETHYLAMINO-7,2-DIPHENYLPENTANOATE see: YV6480000
ETHYL alpha-(beta-DIETHYLAMINOETHOXY)DIPHENYLACETATE see: AG9470000
ETHYL alpha-(beta-DIETHYLAMINOETHYLAMINO)DIPHENYLACETATE see: MB9612900
ETHYL 2-DIETHYLAMINOETHYL ETHYLISOAMYLMALONATE HYDROCHLORIDE see: QO1120000
O-ETHYL Se-(2-DIETHYLAMINOETHYL)PHOSPHONOSELENOATE see: TA8800000
ETHYL N,N-DIETHYL CARBAMATE see: EZ6900000
S-ETHYL DIETHYLCARBAMOTHIOATE see: EZ7290000
ETHYL DIETHYLENE GLYCOL see: KK8750000
S-ETHYL DIETHYLTHIOCARBAMATE see: EZ7290000
ETHYL DIGLYME see: KN3160000
ETHYL 2-(p-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHYL)PHENOXY)-2-METHYLPROPIONATE see: UF5279000
1-ETHYL-1,4-DIHYDRO-6,7-METHYLENEDIOXY-4-OXO-3-QUINOLINECARBOXYLIC ACID see: JI5075000
(3S-cis)-3-ETHYLDIHYDRO-4-((1-METHYL-1H-IMIDAZOL-5-YL)METHYL)-2(3H)-FURANONE see: TK1400000
1-ETHYL-1,4-DIHYDRO-7-METHYL-4-OXO-1,8-NAPHTHYRIDINE-3-CARBOXILIC ACID see: QN2885000
1-ETHYL-1,4-DIHYDRO-4-OXO(1,3)DIOXOLO(4,5-g)CINNOLINE-3-CARBOXYLIC ACID see: JI4640000
5-ETHYL-5,8-DIHYDRO-8-OXO-1,3-DIOXOLO(4,5-g)QUINOLINE-7-CARBOXYLIC ACID see: JI5075000
5-ETHYLDIHYDRO-5-PHENYL-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9100000
2-ETHYL-2,3-DIHYDRO-3-((4-(2-(1-PIPERIDINYL)ETHOXY)PHENYL)AMINO)-1H-ISOINDOL-1-ONE see: TI5695400 PHTHALIMIDINE, 2-ETHYL-3-(beta-PIPERIDINO-p-PHENETIDINO)-
ETHYL 4,4'-DIHYDROXYDICOUMARINYL-3,3'-ACETATE see: AF5775000
2-ETHYL-3-(3',5'-DIIODO-4'-HYDROXYBENZOYL)-CUMARONE see: OB1835000
ETHYL 2 (DIIODO-3,5 HYDROXY-4 BENZOYL) 5 FURANNE (French) see: OB1835200
ETHYL N,N-DIISOBUTYLTHIOCARBAMATE see: EZ7525000
S-ETHYLDIISOBUTYL THIOCARBAMATE see: EZ7525000
S-ETHYL N,N-DIISOBUTYL THIOCARBAMATE see: EZ7525000
S-ETHYL DIISOBUTYLTHIOCARBAMATE plus INERT SAFENER R-25788 see: WU5800000
ETHYL-N,N-DIISOBUTYL THIOLCARBAMATE see: EZ7525000
O-ETHYL S-2-DIISOPROPYLAMINOETHYL METHYLPHOSPHONOTHIOTE see: TB1090000
ETHYL-S-DIISOPROPYLAMINOETHYL METHYLTHIOPHOSPHONATE see: TB1090000
ETHYL alpha-((DIMETHOXYPHOSPHENOTHIOYL)THIO)BENZENEACETATE see: AI7875000
ETHYL ((3-((DIMETHOXYPHOSPHINYL)OXY)-1-OXO-2-BUTENYL)AMINO)ACETATE see: MC[illegible]
ETHYL ((2-((DIMETHOXYPHOSPHINYL)OXY)-1-PROPENYL)THIO)ACETATE see: AI2850000
ETHYL DIMETHYLAMIDOCYANOPHOSPHATE see: TB4550000
3'-ETHYL-4-DIMETHYLAMINOAZOBENZENE see: BY0525000
4'-ETHYL-4-DIMETHYLAMINOAZOBENZENE see: BY0700000
ETHYL N,N-DIMETHYLAMINO CYANOPHOSPHATE see: TB4550000
ETHYL S-DIMETHYLAMINO-2,2-DIPHENYLPENTANOATE HYDROCHLORIDE see: YV6489100
ETHYL alpha-(beta-DIMETHYLAMINOETHOXY)DIPHENYLACETATE see: AH1010000
ETHYL alpha-(beta-DIMETHYLAMINOETHYLAMINO)DIPHENYLACETATE see: MB9890000
ETHYL S-DIMETHYLAMINOETHYL METHYLPHOSPHONOTHIOLATE see: TB1090000
ETHYL DL-trans-2-DIMETHYLAMINO-1-PHENYL-3-CYCLOHEXENE-1-CARBOXYLATE see: GW4375000
(+-)-ETHYL-trans-2-(DIMETHYLAMINO)-1-PHENYL-3-CYCLOHEXENE-1-CARBOXYLATE HYDROCHLORIDE see: GW4375000
S-ETHYL N-(3-DIMETHYLAMINOPROPYL)THIOL CARBAMATE HYDROCHLORIDE see: EZ8870000
7-ETHYL-1,4-DIMETHYLAZULENE see: CO4760000
ETHYL N,N-DIMETHYL CARBAMATE see: FA1225000
ETHYL DIMETHYL CARBINOL see: SC0175000
4-ETHYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5 see: UK9359200

N-ETHYL-N,N-DIMETHYL-1-HEXADECANAMINIUM BROMIDE see: BQ5425000
ETHYLDIMETHYLMETHANE see: EK4430000
5-ETHYL-3,5-DIMETHYLOXAZOLIDINE-2,4-DIONE see: RP9800000
4-ETHYL-2,5-DIMETHYLPHENYL CARBAMATE see: FB0750000
ETHYL N,N-DIMETHYLPHOSPHORAMIDOCYANIDATE see: TB4550000
ETHYL-N-(2-(O,O-DIMETHYLPHOSPHORODITHIOYL)ETHYL)CARBAMATE see: FA3325000
ETHYL O,O-DIMETHYL PHOSPHORODITHIOYLPHENYL ACETATE see: AI7875000
1-ETHYL-2,4-DIMETHYL-8-THIO-7,9-DIAZASPIRO(4,5)DECANE-6,8,10-TRIONE see: HM2865000
1-ETHYL-2,4-DIMETHYL-8-THIOXO-7,9-DIAZASPIRO(4.5)DECANE-6,10-DIONE MONOSODIUM SALT see: HM2865000
ETHYLDIOL ACRILATE (Russian) see: AT0350000
ETHYLDIOL METACRYLATE see: OZ4400000
1-ETHYL-2,5-DIOXO-4-PHENYLIMIDAZOLIDINE see: MU2450000
O-ETHYL S,S-DIPHENYL DITHIOPHOSPHATE see: TE3850000
O-ETHYL-S,S-DIPHENYL PHOSPHORODITHIOATE see: TE3850000
O-ETHYL S,S-DIPROPYLPHOSPHORODITHIOATE see: TE4025000
S-ETHYL-N,N-DIPROPYLTHIOCARBAMATE see: FA4550000
S-ETHYL N,N-DI-n-PROPYLTHIOCARBAMATE see: FA4550000
ETHYL DI-n-PROPYLTHIOLCARBAMATE see: FA4550000
ETHYL N,N-DI-n-PROPYLTHIOLCARBAMATE see: FA4550000
O-ETHYL DITHIOCARBAMATE see: FG1370000
(O-ETHYL DITHIOCARBONATO)POTASSIUM see: FG1575000
ETHYLDITHIOURAME see: JO1225000
ETHYLDITHIURAME see: JO1225000
2-ETHYL-8-alpha-E(sub 2) see: KG7500000
16-beta-ETHYL-8-alpha-E(sub 2) see: KG7510000
ETHYLE (ACETATE D') (French) see: AH5425000
ETHYLE, CHLOROFORMIAT D' (French) see: LQ6125000
ETHYLEEN-CHLOORHYDRINE (Dutch) see: KK0875000
ETHYLEENDIAMINE (Dutch) see: KH8575000
ETHYLEENDICHLORIDE (Dutch) see: KI0525000
ETHYLEENIMINE (Dutch) see: KX5075000
ETHYLEENOXIDE (Dutch) see: KX2450000
ETHYLE (FORMIATE D') (French) see: LQ8400000
ETHYLENDIAMINE see: KH8575000

KU5340000 ETHYLENE

UPDT:8407 CAS: 74-85-1 MW: 28.06 MOLFM: C2-H4
SYN: ACETENE * ATHYLEN (German) * BICARBURRETTED HYDROGEN * ELAYL * ETHENE * ETHYLENE (DOT) * ETHYLENE, refrigerated liquid (DOT) * LIQUID ETHYLENE * OLEFIANT GAS * UN 1038 (DOT) * UN 1962 (DOT)

TOXICITY DATA AND REFERENCES:

ihl-mus LC50:95 pph	28ZEAL 5,109,76
ihl-mam LCLo:950000 ppm/5M	AEPPAE 138,65,28

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLPTAT 8,91,67
STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS	CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ETHYLENE ACETATE see: KW4025000
ETHYLENE ACRYLATE see: AT0350000
ETHYLENE ALCOHOL see: KW2975000
ETHYLENE ALDEHYDE see: AS1050000
ETHYLENE, 1-ARSENOSO-2-CHLORO- see: CH7760000

KU6310000 ETHYLENE, 1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(m-FLUOROPHENYL)-1-PHENYL-, (E)-

UPDT:8408 MW: 459.38 MOLFM: C27-H20-Br-F-O
SYN: trans-1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(m-FLUOROPHENYL)-1-PHENYLETHYLENE * ETHER, BENZYL p-(beta-BROMO-p-FLUORO-alpha-PHENYLSTYRYL)PHENYL (E)- * STILBENE, 4-(BENZYLOXY)-alpha-BROMO-4'-FLUORO-alpha-PHENYL-, (E)-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	orl-rat TDLo:1 mg/kg (10D male)	AIPTAK 151,475,64
1T13	scu-rat TDLo:300 ug/kg (3D pre)	AIPTAK 151,475,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU6320000 ETHYLENE, 1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(m-FLUOROPHENYL)-1-PHENYL-, (Z)-

UPDT:8408 MW: 459.38 MOLFM: C27-H20-Br-F-O
SYN: cis-1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(m-FLUOROPHENYL)-1-PHENYLETHYLENE * ETHER, BENZYL p-(beta-BROMO-m-FLUORO-alpha-PHENYLSTYRYL)PHENYL (Z)- * STILBENE, 4-(BENZYLOXY)-alpha'-BROMO-3'-FLUORO-alpha-PHENYL-, (Z)-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	orl-rat TDLo:10 mg/kg (10D male)	AIPTAK 151,475,64
1T13	scu-rat TDLo:300 ug/kg (3D pre)	AIPTAK 151,475,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU6330000 ETHYLENE, 1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(o-FLUOROPHENYL)-1-PHENYL-, (E)-

UPDT:8408 MW: 459.38 MOLFM: C27-H20-Br-F-O
SYN: trans-1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(o-FLUOROPHENYL)-1-PHENYLETHYLENE * ETHER, BENZYL p-(beta-BROMO-o-FLUORO-alpha-PHENYLSTYRYL)PHENYL (E)- * STILBENE, 4-(BENZYLOXY)-alpha-BROMO-2'-FLUORO-alpha-PHENYL-, (E)-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	orl-rat TDLo:10 mg/kg (10D male)	AIPTAK 151,475,64
1T13	scu-rat TDLo:300 ug/kg (3D pre)	AIPTAK 151,475,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU6340000 ETHYLENE, 1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(o-FLUOROPHENYL)-1-PHENYL-, (Z)-

UPDT:8408 MW: 459.38 MOLFM: C27-H20-Br-F-O
SYN: cis-1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(o-FLUOROPHENYL)-1-PHENYLETHYLENE * ETHER, BENZYL p-(beta-BROMO-o-FLUORO-alpha-PHENYLSTYRYL)PHENYL (Z)- * STILBENE, alpha-BROMO-2'-FLUORO-4-(BENZYLOXY)-alpha-PHENYL-, (Z)-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	orl-rat TDLo:10 mg/kg (10D male)	AIPTAK 151,475,64
1T13	scu-rat TDLo:300 ug/kg (3D pre)	AIPTAK 151,475,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU6350000 ETHYLENE, 1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(p-FLUOROPHENYL)-1-PHENYL-, (Z)-

UPDT:8408 MW: 459.38 MOLFM: C27-H20-Br-F-O
SYN: cis-1-(p-(BENZYLOXY)PHENYL)-2-BROMO-2-(p-FLUOROPHENYL)-1-PHENYLETHYLENE * ETHER, BENZYL p-(beta-BROMO-p-FLUORO-alpha-PHENYLSTYRYL)PHENYL (Z)- * STILBENE, alpha-BROMO-4'-FLUORO-4-(BENZYLOXY)-alpha-PHENYL-, (Z)-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	orl-rat TDLo:10 mg/kg (10D male)	AIPTAK 151,475,64
1T13	scu-rat TDLo:300 ug/kg (3D pre)	AIPTAK 151,475,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU6400000 ETHYLENE, 1-(p-(BENZYLOXY)PHENYL)-2-(o-FLUOROPHENYL)-1-PHENYL-

UPDT:8302 MW: 380.48 MOLFM: C27-H21-F-O
SYN: 1-(p-(BENZYLOXY)PHENYL)-2-(o-FLUOROPHENYL)-1-PHENYLETHYLENE * ETHER, BENZYL p-(o-FLUORO-alpha-PHENYLSTYRYL)PHENYL * STILBENE, 4-(BENZYLOXY)-2'-FLUORO-alpha-PHENYL-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	orl-rat TDLo:500 mg/kg (10D male)	AIPTAK 151,475,64
1T13	scu-rat TDLo:300 ug/kg (3D pre)	AIPTAK 151,475,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,1'-ETHYLENE-2,2'-BIPYRIDYLIUM DIBROMIDE see: JM5690000
ETHYLENE BIS(BROMOACETATE) see: AF5960000
N,N'-ETHYLENEBIS(N-BUTYL-1-METHYLNIPECOTAMIDE) see: QU1922000
N,N'-ETHYLENEBIS(N-BUTYL-4-MORPHOLINECARBOXAMIDE) see: QD9800000
N,N'-ETHYLENEBIS(N-BUTYL-1-PIPERIDINECARBOXAMIDE) see: TM6103000
N,N'-ETHYLENEBIS(N-BUTYL-1-PYRROLIDINECARBOXAMIDE) see: UY0315000
1,1'-ETHYLENEBIS(3-CARBAMOYLPYRIDINIUM BROMIDE) HYDRATE see: UU4020900
ETHYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIETHYLAMMONIUM IODIDE) see: BS4319000
ETHYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIMETHYLAMMONIUM IODIDE) see: BS4319500
ETHYLENEBIS((CARBOXYMETHYL)DITHIOCARBAMIC ACID) TETRAAMMONIUM SALT DIHYDRATE see: FA6780000
(N,N-ETHYLENEBIS(N-(2-CHLOROETHYL)GLYCINATO))CUPRATE(2-) HYDRATE see: GS2169050
N,N'-ETHYLENEBIS(N-(2-CHLOROETHYL)GLYCINE) DIETHYL ESTER DIPICRYLSULFONATE see: MC0490000
N,N'-ETHYLENEBIS(N-(2-CHLOROETHYL)GLYCINE) DIHYDROCHLORIDE see: MC0491000
N,N'-ETHYLENEBIS(N-(2-CHLOROETHYL)GLYCINONITRILE HYDROCHLORIDE see: MC1800000
2,2'-(ETHYLENEBIS((2-CHLOROETHYL)IMINO))BISACETAMIDE DIPICRATE see: AB8745000
2,2'-ETHYLENEBIS(N,N-DIMETHYL-1,3-DIOXOLANE-4-METHYLAMINE) see: JI3550000
4,4'-ETHYLENEBIS(1,1-DIMETHYLPIPERAZINIUM IODIDE) see: TM3393700
(ETHYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(DIETHYLMETHYLAMMONIUM) DIIODIDE see: BQ4313000
4,4'-(ETHYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(4-METHYLMORPHOLINIUM) DIIODIDE see: QF3185000
1,1'-(ETHYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(1-METHYLPIPERIDINIUM) DIIODIDE see: TN5185000
(ETHYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(TRIMETHYLAMMONIUM) DIIODIDE see: BQ4313500
ETHYLENEBIS-(DIPHENYLARSINE) see: CH6700000
N,N'-ETHYLENE BIS(DITHIOCARBAMATE DE SODIUM) (French) see: FA6825000
ETHYLENEBIS(DITHIOCARBAMATE), DISODIUM SALT see: FA6825000
ETHYLENEBISDITHIOCARBAMATE MANGANESE see: OP0700000
N,N'-ETHYLENE BIS(DITHIOCARBAMATE MANGANEUX) (French) see: OP0700000
ETHYLENEBIS(DITHIOCARBAMATO), MANGANESE see: OP0700000
ETHYLENEBIS(DITHIOCARBAMATO)ZINC see: ZH3325000
ETHYLENEBIS(DITHIOCARBAMIC ACID) DISODIUM SALT see: FA6825000
ETHYLENEBIS(DITHIOCARBAMIC ACID), MANGANESE SALT see: OP0700000
ETHYLENEBIS(DITHIOCARBAMIC ACID) MANGANOUS SALT see: OP0700000
ETHYLENEBIS(DITHIOCARBAMIC ACID), ZINC SALT see: ZM3325000
ETHYLENEBIS(GUANIDINIUM) DIHYDROCHLORIDE see: MF1943000
N,N'-ETHYLENEBIS(2-(o-HYDROXYPHENYL)GLYCINE see: MB4941000
ETHYLENEBIS(IMINODIACETIC ACID) DISODIUM SALT see: AH4375000
ETHYLENEBIS(IMINODIACETIC ACID) TETRASODIUM SALT see: AH5075000
ETHYLENEBISISOTHIOCYANATE see: NX8580000
ETHYLENE BIS(METHANESULFONATE) see: KW5540000
2,2'-(ETHYLENEBIS(NITROSO(IMINO)))BISBUTANOL see: EL3852000
1,1'-ETHYLENE-BIS(1-NITROSOUREA) see: YT2862000
(ETHYLENEBIS(OXYETHYLENE))BIS(BENZYLDIETHYLAMMONIUM BROMIDE) see: BQ4350000
(ETHYLENEBIS(OXYETHYLENE))BIS(BENZYLDIETHYLAMMONIUM CHLORIDE) see: BQ4351000
(ETHYLENEBIS(OXYETHYLENE))BIS((2-BROMOETHYL)DIETHYLAMMONIUM BROMIDE) see: BQ4352000
(ETHYLENEBIS(OXYETHYLENE))BIS((2-BROMOETHYL)DIMETHYLAMMONIUM BROMIDE) see: BQ4353000
(ETHYLENEBIS(OXYETHYLENE))BIS(DIETHYLMETHYLAMMONIUM IODIDE) see: BQ4355000
(ETHYLENEBIS(OXYETHYLENE))BIS(ETHYLDIMETHYLAMMONIUM IODIDE) see: BQ4356000
4,4'-(ETHYLENEBIS(OXYETHYLENE))BIS(4-ETHYLMORPHOLINIUM IODIDE) see: QF3186000
1,1'-(ETHYLENEBIS(OXYETHYLENE))BIS(1-ETHYLPIPERIDINIUM IODIDE) see: TN5187000
4,4'-(ETHYLENEBIS(OXYETHYLENE))BIS(4-METHYLMORPHOLINIUM IODIDE) see: QF3187000
1,1'-(ETHYLENEBIS(OXYETHYLENE))BIS(1-METHYLPIPERIDINIUM IODIDE) see: TN5187100
(ETHYLENEBIS(OXYETHYLENE))BIS(TRIETHYLAMMONIUM BROMIDE) see: BQ4365000
(ETHYLENEBIS(OXYETHYLENE))BIS(TRIETHYLAMMONIUM CHLORIDE) see: BQ4365100
(ETHYLENEBIS(OXYETHYLENE))BIS(TRIETHYLAMMONIUM IODIDE) see: BQ4365200
(ETHYLENEBIS(OXYETHYLENE))BIS(TRIMETHYLAMMONIUM BENZENESULFONATE) see: BQ4365300
(ETHYLENEBIS(OXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BQ4365400
ETHYLENEBIS(p-PHENYLENEDIMETHYLENE)BIS(TRIETHYLAMMONIUM BROMIDE) see: BQ4367000
(ETHYLENEBIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BQ4370000

KU8085000 ETHYLENE, 1,2-BIS(PROPYLSULFONYL)-, (E)-

UPDT:8309 CAS: 1113-14-0 MW: 240.36 MOLFM: C8-H16-O4-S2
SYN: B-1843 * trans-1,2-BIS(n-PROPYLSULFONYL)ETHYLENE * C-272 * CME 1843 * CHEMAGRO B-1843 * VANCIDE 9A

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:200 mg/kg		FMCHA2 -,C49,83
ipr-mus LDLo:11500 mg/kg		34ZIAG -,162,69
ipr-gpg LDLo:11500 mg/kg		34ZIAG -,162,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,1'-ETHYLENEBIS(PYRIDINIUM)BROMIDE see: UU4021000
3,3'-ETHYLENEBIS(SYDNONE IMINE) DIHYDROCHLORIDE see: WU7679200
3,3'-ETHYLENEBIS(TETRAHYDRO-4,6-DIMETHYL-2H-1,3,5-THIADIAZINE-2-THIONE) see: XI2625000
ETHYLENEBIS(THIOUREA) and SODIUM NITRITE (1:1) see: YT2865000
ETHYLENE BISTHIURAM MONOSULFIDE see: NI2935500
ETHYLENE-BIS-THIURAMMONO-SULFIDE see: NX8580000
ETHYLENEBIS(TRIS(2-CYANOETHYL)PHOSPHONIUM BROMIDE) see: TA2305000
ETHYLENE BRASSYLATE see: YQ1927500
ETHYLENE BROMIDE see: KH9275000

KU8400000 ETHYLENE, BROMO-

UPDT:8405 CAS: 593-60-2 MW: 106.96 MOLFM: C2-H3-Br
SYN: BROMOETHENE (9CI) * BROMOETHYLENE * BROMURE DE VINYLE (French) * UN 1085 (DOT) * VINILE (BROMURO DI) (Italian) * VINYLBROMID (German) * VINYL BROMIDE * VINYL BROMIDE, inhibited (DOT) * VINYLE (BROMURE DE) (French)

MUTATION DATA AND REFERENCES:

mma-sat 2 pph/16H		ARTODN 41,249,79
mmo-sat 2 pph/16H		ARTODN 41,249,79
atr-rat-ihl 2000 ppm/14W-I		ARTODN 47,71,81

TUMORIGENIC DATA AND REFERENCES:

2V01H60	ihl-rat TCLo:10 ppm/6H/2Y-I	TXAPA9 64,367,82
3V03L60P62	ihl-rat TC :10 ppm	CHWKA9 123,25,78
1V02	ihl-rat TC :250 ppm/1Y	CHWKA9 121(20),40,77
2V01H60	ihl-rat TC :52 ppm/6H/2Y-I	TXAPA9 64,367,82

TOXICITY DATA AND REFERENCES:

orl-rat LD50:500 mg/kg	DOWCC* -,12,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW, VHTODE 22,31,80

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 19,367,79
★ TLV-TWA 5 ppm	DTLVS* 4,427,80

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,427,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VINYL BROMIDE recm std-TWA 1 ppm; CL 5 ppm/15M
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1009
★ NIOSH CURRENT INTELLIGENCE BULLETIN 28, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA B(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1177-0019;8EHQ-0878-0234;8EHQ-0479-0281
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHYLENE BROMOACETATE see: AF5960000

KU8500000 ETHYLENE, 1-BROMO-1-CHLORO-2,2-DIFLUORO-
UPDT:8303 CAS: 758-24-7 MW: 177.38 MOLFM: C2-Br-Cl-F2
SYN: 1-BROMO-1-CHLORO-2,2-DIFLUOROETHENE * 1-BROMO-1-CHLORO-2,2-DIFLUOROETHYLENE * 2-BROMO-2-CHLORO-1,1-DIFLUOROETHYLENE
MUTATION DATA AND REFERENCES:
mma-sat 800 umol/plate EVHPAZ 21,65,77
mma-sat 15 mmol/L ANESAV 51,424,79
oms-bcs 133 mol/L MUREAV 54,17,78
dnd-bcs 74 mg/L EVHPAZ 21,65,77
TOXICITY DATA AND REFERENCES:
ihl-mus LC50:250 ppm/1H BJANAD 37,716,65

KU8510000 ETHYLENE, 1-BROMO-1-(p-CHLOROPHENYL)-2,2-DIPHENYL-
UPDT:8407 MW: 369.70 MOLFM: C20-H14-Br-Cl
SYN: 1-BROMO-1-(p-CHLOROPHENYL)-2,2-DIPHENYLETHYLENE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:500 mg/kg (10D male) JMCMAR 8,415,65
1T13 scu-rat TDLo:250 mg/kg (10D pre) JMCMAR 8,415,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8514000 ETHYLENE, 1-BROMO-1-(p-CHLOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYL-
UPDT:8302 MW: 399.73 MOLFM: C21-H16-Br-Cl-O
SYN: ANISOLE, p-(beta-BROMO-p-CHLORO-alpha-PHENYLSTYRYL)- * 1-BROMO-1-(p-CHLOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE * STILBENE, alpha-BROMO-4-CHLORO-4'-METHOXY-alpha-PHENYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8515000 ETHYLENE, 1-BROMO-1-(p-CHLOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYL-, (E)-
UPDT:8407 MW: 399.73 MOLFM: C21-H16-Br-Cl-O
SYN: trans-1-BROMO-1-(p-CHLOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (10D male) JMCMAR 8,415,65
1T13 scu-rat TDLo:5 mg/kg (10D pre) JMCMAR 8,415,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8520000 ETHYLENE, 1-BROMO-1-(p-CHLOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYL-, (Z)-
UPDT:8408 MW: 399.73 MOLFM: C21-H16-Br-Cl-O
SYN: ANISOLE, p-(beta-BROMO-p-CHLORO-alpha-PHENYLSTYRYL)-, (Z)- * cis-1-BROMO-1-(p-CHLOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE * STILBENE, alpha-BROMO-4-CHLORO-4'-METHOXY-alpha-PHENYL-, (Z)-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8522000 ETHYLENE, 1-BROMO-1,2-DIPHENYL-2-(p-ETHYLPHENYL)-, (E)-
UPDT:8412 CAS: 22393-62-0 MW: 363.32 MOLFM: C22-H19-Br
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:25 mg/kg (5D pre) CHTPBA 4,1,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8522100 ETHYLENE, 1-BROMO-1,2-DIPHENYL-2-(p-ETHYLPHENYL)-, (Z)-
UPDT:8412 CAS: 22393-63-1 MW: 363.32 MOLFM: C22-H19-Br
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:25 mg/kg (5D pre) CHTPBA 4,1,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8522200 ETHYLENE, 1-BROMO-2,2-DIPHENYL-1-(p-ETHYLPHENYL)-
UPDT:8412 CAS: 21141-45-7 MW: 363.32 MOLFM: C22-H19-Br
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:250 ug/kg (5D pre) CHTPBA 4,1,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8525000 ETHYLENE, 1-BROMO-2,2-DIPHENYL-1-(m-FLUOROPHENYL)-
UPDT:8408 MW: 353.25 MOLFM: C20-H14-Br-F
SYN: 1-BROMO-2,2-DIPHENYL-1-(m-FLUOROPHENYL)ETHYLENE * STILBENE, alpha-BROMO-3'-FLUORO-alpha-PHENYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (1D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8530000 ETHYLENE, 1-BROMO-2,2-DIPHENYL-1-(o-FLUOROPHENYL)-
UPDT:8408 MW: 353.25 MOLFM: C20-H14-Br-F
SYN: 1-BROMO-2,2-DIPHENYL-1-(o-FLUOROPHENYL)ETHYLENE * STILBENE, alpha-BROMO-2'-FLUORO-alpha-PHENYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8535000 ETHYLENE, 1-BROMO-2,2-DIPHENYL-1-(p-FLUOROPHENYL)-
UPDT:8408 MW: 353.25 MOLFM: C20-H14-Br-F
SYN: 1-BROMO-2,2-DIPHENYL-1-(p-FLUOROPHENYL)ETHYLENE * STILBENE, alpha-BROMO-4'-FLUORO-alpha-PHENYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8540000 ETHYLENE, 1-BROMO-2,2-DIPHENYL-1-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
UPDT:8408 MW: 403.26 MOLFM: C21-H14-Br-F3
SYN: 1-BROMO-2,2-DIPHENYL-1-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ETHYLENE * STILBENE, alpha-BROMO-alpha-PHENYL-3-(TRIFLUOROMETHYL)-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8545000 ETHYLENE, 1-BROMO-1-(m-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYL-
UPDT:8408 MW: 383.28 MOLFM: C21-H16-Br-F-O
SYN: ANISOLE, p-(beta-BROMO-m-FLUORO-alpha-PHENYLSTYRYL)- * 1-BROMO-1-(m-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE * STILBENE, alpha-BROMO-3-FLUORO-4-METHOXY-alpha-PHENYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8550000 ETHYLENE, 1-BROMO-1-(m-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYL-, (Z)-
UPDT:8408 MW: 383.28 MOLFM: C21-H16-Br-F-O
SYN: ANISOLE, p-(beta-BROMO-m-FLUORO-alpha-PHENYLSTYRYL)-, (Z)- * cis-1-BROMO-1-(m-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE * STILBENE, alpha-BROMO-3-FLUORO-4-METHOXY-alpha-PHENYL-, (Z)-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8555000 ETHYLENE, 1-BROMO-1-(o-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYL-
UPDT:8408 MW: 383.28 MOLFM: C21-H16-Br-F-O
SYN: ANISOLE, p-(beta-BROMO-o-FLUORO-alpha-PHENYLSTYRYL)- * 1-BROMO-1-(o-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE * STILBENE, alpha-BROMO-2'-FLUORO-4-METHOXY-alpha-PHENYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:1 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8560000 ETHYLENE, 1-BROMO-1-(o-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYL-, (Z)-
UPDT:8408 MW: 383.28 MOLFM: C21-H16-Br-F-O
SYN: ANISOLE, p-(beta-BROMO-o-FLUORO-alpha-PHENYLSTYRYL)-, (Z)- * cis-1-BROMO-1-(o-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE * STILBENE, alpha-BROMO-2'-FLUORO-4-METHOXY-alpha-PHENYL-, (Z)-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8565000 ETHYLENE, 1-BROMO-1-(p-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYL-, (E)-
UPDT:8408 MW: 383.28 MOLFM: C21-H16-Br-F-O
SYN: ANISOLE, p-(beta-BROMO-p-FLUORO-alpha-PHENYLSTYRYL)-, (E)- * trans-1-BROMO-1-(p-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE * STILBENE, alpha-BROMO-4'-FLUORO-4-METHOXY-alpha-PHENYL-, (E)-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8570000 ETHYLENE, 1-BROMO-1-(p-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYL-, (Z)-
UPDT:8408 MW: 383.28 MOLFM: C21-H16-Br-F-O
SYN: ANISOLE, p-(beta-BROMO-p-FLUORO-alpha-PHENYLSTYRYL)-, (Z)- * cis-1-BROMO-1-(p-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE * STILBENE, alpha-BROMO-4'-FLUORO-4-METHOXY-alpha-PHENYL-, (Z)-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHYLENEBROMOHYDRIN see: KJ8225000

KU8800000 ETHYLENE, BROMO-, POLYMER
UPDT:8401 CAS: 25951-54-6 MOLFM: (C2-H3-Br)x
SYN: POLYBROMOETHYLENE * POLYVINYLBROMIDE * PVBR
TUMORIGENIC DATA AND REFERENCES:
2V01J60 scu-mus TDLo:44 gm/kg/48W-I CNREAB 38,3236,78
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 19,367,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KU8830000 ETHYLENE, BROMOTRIFLUORO-
UPDT:8401 CAS: 598-73-2 MW: 160.93 MOLFM: C2-Br-F3
SYN: BROMOTRIFLUOROETHENE * BROMOTRIFLUOROETHYLENE * BROMOTRIFLUOROETHYLENE (DOT) * ETHENE, BROMOTRIFLUORO- (9CI) * TRIFLUOROBROMOETHYLENE * TRIFLUOROVINYL BROMIDE * UN 2419 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

KU8850000 ETHYLENE, BROMOTRIPHENYL-
UPDT:8302 MW: 335.26 MOLFM: C20-H15-Br
SYN: BROMOTRIPHENYLETHYLENE * STILBENE, alpha-BROMO-alpha-PHENYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:10 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:300 ug/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ETHYLENE CARBONATE see: FF9550000
ETHYLENE CARBONIC ACID see: FF9550000
ETHYLENECARBOXAMIDE see: AS3325000
ETHYLENECARBOXYLIC ACID see: AS4375000
ETHYLENE CHLORHYDRIN see: KK0875000
ETHYLENE CHLORIDE see: KI0525000

KU9625000 ETHYLENE, CHLORO-
UPDT:8412 CAS: 75-01-4 MW: 62.50 MOLFM: C2-H3-Cl
SYN: CHLORETHENE * CHLORETHYLENE * CHLOROETHENE * CHLOROETHYLENE * CHLORURE DE VINYLE (French) * CLORURO DI VINILE (Italian) * ETHENE, CHLORO- * ETHYLENE MONOCHLORIDE * MONOCHLOROETHENE * MONOCHLOROETHYLENE * MONOCHLOROETHYLENE (DOT) * RCRA WASTE NUMBER U043 * TROVIDUR * UN 1086 (DOT) * VC * VCM * VINILE (CLORURO DI) (Italian) * VINYLCHLORID (German) * VINYL CHLORIDE * VINYL CHLORIDE (DOT) * VINYL CHLORIDE MONOMER * VINYLE(CHLORURE DE) (French) * VINYL C MONOMER * WINYLU CHLOREK (Polish)
MUTATION DATA AND REFERENCES:
mma-sat 2000 ppm/48H BBRCA9 63,363,75

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

mma-sat 2 pph ARTODN (Suppl 4),63,80
mma-esc 10600 umol/L BCPCA6 24,2013,75
dnr-esc 100 ug/plate MUREAV 54,101,78
sln-dmg-ihl 1 pph MUREAV 57,307,78
sln-dmg-orl 850 ppm EVSRBT 24,175,81
mma-smc 25000 ppm MUREAV 91,381,81
mrc-smc 48 mmol/L/3H MURSAV 40,85,76
mmo-ssp 130 ppm CMMUAO 5,25,78
mma-ssp 16 mmol/L/30M MUREAV 40,85,76
mrc-ssp 48 mmol/L IARCCD 12,505,76
cyt-man-unk 25 ppm/10Y MUREAV 51,271,78
cyt-hmn:hla 10 mmol/L TXCYAC 9,21,78
otr-rat-ihl 2000 ppm/14W-I ARTODN 47,71,81
dnd-rat-orl 18 gm/kg/2Y-C CBINAB 22,211,78
oms-rat:lvr 1 nmol NATUAS 257,134,75
dnd-rat-ihl 2000 ppm JCROD7 94,139,79
dnd-rat-ihl 205 ppm/5H CBINAB 37,219,81
dni-rat-ivn 9500 ug/kg CBINAB 17,239,77
cyt-rat-ihl 150 ug/m3/14W-C GISAAA 43(7),111,78
hma-rat/smc 1 pph/24H-C MUREAV 91,381,81
mnt-mus-ihl 5 pph/4H MUREAV 75,191,80
hma-mus/ssp 700 mg/kg MUREAV 40,85,76
hma-mus/smc 700 mg/kg TOERD9 3,131,81
mma-ham:lng 20 pph/5H MUREAV 67,173,79
cyt-ham-ihl 12500 ppm/6H ARTODN 45,1,80
cyt-ham-mul 600 mg/kg MUREAV 53,187,78
sce-ham-ihl 12500 ppm/6H ARTODN 45,1,80
msc-ham:ovr 10 pph EVSRBT 25,91,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01 ihl-man TCLo:30 mg/m3 (5Y male) GTPZAB 24(5),28,80
1T23 ihl-rat TCLo:1000 ppm/6H (55D male) JTEHD6 3,965,77
1T34 ihl-rat TCLo:500 ppm/7H (6-15D preg) TXAPA9 33,134,75
1T25 ihl-rat TCLo:1500 ppm/24H (1-9D preg) TXCYAC 11,45,78
2T34T46 ihl-rat TCLo:500 ppm/7H (6-15D preg) EVHPAZ 41,171,81
1T53 ihl-rat TCLo:2500 ppm/7H (6-15D preg) EVHPAZ 41,171,81
1T22 ihl-rat TCLo:250 ppm/6H (55D pre) JTEHD6 3,965,77
1T24 ihl-mus TCLo:30000 ppm/6H (5D male) EVHPAZ 21,71,77
2T34T46 ihl-mus TCLo:500 ppm/7H (6-15D preg) EVHPAZ 41,171,81
2T26T46 ihl-rbt TCLo:500 ppm/7H (6-18D preg) EVHPAZ 41,171,81

TUMORIGENIC DATA AND REFERENCES:

2V01L60 ihl-man TDCo:200 ppm/14Y-I VAPHDQ 372,195,76
3V01L60M61 orl-rat TDLo:3463 mg/kg/52W-I EVHPAZ 41,3,81
2V01R60 ihl-rat TCLo:1 ppm/4H/52W-I EVHPAZ 41,3,81
3V01T65N60 ihl-rat TCLo:10000 ppm/4H (12-18D preg) CSHCAL 4,119,77
3V03R60K60 ipr-rat TDLo:21 mg/kg/65W-I APDCDT 3,216,76
2V03R60 scu-rat TDLo:21 mg/kg/67W-I APDCDT 3,216,76
3V01H60R60 ihl-mus TCLo:50 ppm/30W-I ANYAA9 271,431,76
3V01P62R60 ihl-ham TCLo:50 ppm/4H/30W-I APDCDT 3,216,76
3V01H60R60 ihl-rat TC :50 ppm/7H/26W-C TXAPA9 68,120,83
3V01L60R60 ihl-rat TC :100 ppm/7H/26W-C TXAPA9 68,120,83
3V01J60L60 ihl-mus TC :50 ppm/47W-I JTEHD6 4,15,78
3V01L61M61 orl-rat TD :34 gm/kg/3Y-I EVHPAZ 21,1,77
3V01J60R60 ihl-mus TC :50 ppm/6H/4W-I JTEHD6 7,909,81
3V01L60R60 ihl-mus TC :50 ppm/4H/30W-I CSHCAL 4,119,77
3V01D45L61 ihl-rat TC :250 ppm/2Y-I AANLAW 56,1,7 -
2V01P60 ihl-hmn TC :300 mg/m3/W-C GTPZAB 26(1),28,82
2V01R60 ihl-rat TC :5 ppm/4H/52W-I EVHPAZ 41,3,81
2V01R60 ihl-rat TC :50 ppm/6H/43W-I JTEHD6 7,909,81

TOXICITY DATA AND REFERENCES:

orl-rat LD50:500 mg/kg DOWCC*
ihl-gpg LCLo:20 ppm/30M 85DVA7 -,1160,38

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FAZMAE 18,365,74; JTEHD6 1(1),47,75; CMTVAS 10(3),49,73; CHWEAP 70,5,74; CANCAR 39,1792,77; MUREAV 32(2),93,76; ZHPMAT 166,113,78; BNYMAM 54,413,78; ABMHAM 35,585,77; CBINAB 22,117,78; GTPZAB 20(4),46,76; VHTODE 22,31,80; MUREAV 41,131,76

★ CARCINOGENIC REVIEW:HUMAN POSITIVE IARC** 19,377,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,291,74
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 7,291,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,377,79
★ TLV-HUMAN CARCINOGEN DTLVS* 4,427,80
★ TLV-TWA 5 ppm DTLVS* 4,427,80

STANDARDS & REGULATIONS:

★ OSHA-cancer suspect agent CFRGBR 29,1910.1017,81
★ OSHA STANDARD-air:TWA 1 ppm;CL 5 ppm/15M FEREAC 40,23073,75
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VINYL CHLORIDE recm std-air-TWA 1 ppm; CL 5 ppm/15M

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed' see: METHOD 1007
★ NIOSH CURRENT INTELLIGENCE BULLETIN 28, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345,8EHQ-0982-0457,8EHQ-0378-0104
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENE CHLOROBROMIDE see: KH6500000
ETHYLENE CHLOROHYDRIN see: KK0875000
ETHYLENE CHLOROHYDRIN (DOT) see: KK0875000

KV0350000 ETHYLENE, CHLORO-, POLYMER

UPDT:8403 CAS: 9002-86-2 MOLFM: (C2-H3-Cl)n

SYN: AL 30 * AL 31 * ARMODOUR * ARON COMPOUND HW * ASTRALON * ATACTIC POLYVINYL CHLORIDE) * BAKELITE * BAKELITE QSAH 3 * BAKELITE QYAC 10 * BAKELITE QYJV 1 * BAKELITE QYOH 1 * BAKELITE QYSL 7 * BAKELITE QYTO 7 * BAKELITE UCA 3310 * BLACAR 1716 * BOLATRON 6200 * BOLTARON * BONLOID * BREON * BREON 107 * BREON 113 * BREON 121 * BREON 151 * BREON 125 10 * BREON 115EP * BREON 112EP * BREON P 130 1 * BREON S 110-10 * BREON S 125-12 * C 65 * CARINA * CARINA S 70-71 * CHLOROETHENE HOMOPOLYMER (9CI) * CHLOROETHYLENE POLYMER * CHLOROSTOP * COBEX (POLYMER) * CONTIZELL * CORVIC 55-9 * CORVIC 65 50 * CORVIC 20560600 * CORVIC 20650600 * CORVIC C 65-02 * CORVIC D 57-17 * CORVIC D 60-11 * CORVIC D 65-02 * CORVIC D 6518 * CORVIC D 75-10 * CORVIC H 55-34 * CORVIC P 65 50 * CORVIC P 65 54 * CORVIC P 65-55 * CORVIC R 65-81 * DACOVIN * DACOVIN 2082 * DANUVIL 70 * DARVIC 110 * DARVIS CLEAR 025 * DECELITH H * DENKA VINYL 55 80 * DENKA VINYL 55-Y * DIAMOND SHAMROCK 40 * DIAMOND SHAMROCK 71 * DIAMOND SHAMROCK 7602 * DN 4 * DN 5 * DORLYL * DUROFOL P * DYNADUR * E 62 * E 66 * EKAVYL SD 2 * EKAVYL SDF 58 * EKAVYL SK64 * EKAVYL SK66 * E 66P * 103EP8 * E-PVC * ESCAMBIA 2160 * ESCAMBIA 2200 * EUROPHAN * EXON 605 * EXON 654 * EXON 965 * EXON 9269 * EXON 9290 * FC 4648 * FLOCOR * GAFCOTE * GENOTHERM * GENOTHERM N * GEON * GEON 51 * GEON 59 * GEON 72 * GEON 101 * GEON 103 * GEON 121 * GEON 124 * GEON 126 * GEON 128 * GEON 131 * GEON 151 * GEON 83542 * GEON 101EP * GEON 102EP * GEON 103EP * GEON 103EP8 * GEON 103EPE7 * GEON 135J * GEON 121L * GEON LATEX 151 * GEON 110X233 * GEON 120X241 * GUTTAGENA * HALVIC 223 * HALVIC 229 * HC 825 * HISHIREX 502 * HISHIREX 5022 * HISPAVIC 229 * HOSTALIT * HOSTALIT E * HOSTALIT P 7078 * HOSTALIT PVP 3475 * HOSTALIT PVP 5470 * HOSTALIT S * HOSTALIT S 4070 * HX-M * IGELITE F * IGELITE P * IMPROVED WILT PRUF * KANEVINYL PSH 10 * KANEVINYL PSL 81 * KANEVINYL S 1001 * KANEVINYL S 1007 * KANTITE * KHS 010 * KMSE E * KLEEGEEL * KOHINER R 687 * KOROSEAL * KR 600 * KUREHA S 901 * L 5 * LAK KM SL * LON24A 380 ES * LONZA G * LUCOFLEX * LUCOVYL BB 800 * LUCOVYL BB 8010 * LUCOVYL GB 1150 * LUCOVYL GB 9550 * LUCOVYL GS 1200 * LUCOVYL GS 8001 * LUCOVYL PB 1302 * LUCOVYL PE * LUCOVYL PE 1100 * LUCOVYL PE 1290 * LUCOVYL PE 1311 * LUCOVYL PE 1355 * LUCOVYL RB 8010 * LUTOFAN * MARVINAL * MARVINOL * MARVINOL 14 * MARVINOL 52 * MARVINOL 57 * MARVINOL 7000 * MARVINOL VR 50 * MARVINOL VR 53 * MIRREX MCFD 1025 * MOVINYL 100 * MOWILITH F * MYRAFORM * NCI C60797 * NIKA-TEMP * NIKAVINYL SG 700 * NIPEON A 21 * NIPOL 576 * NIPOLIT CM 081 * NIPOLITE SL 081 * NIPOLIT SK * NIPOLIT SK 081 * NIPOLIT SM 092 * NIPOLIT SV 13081 * NORVINYL * NORVINYL P 2 * NORVINYL P10 * NORVINYL S 1-70 * NORVINYL S 1-80 * NORVINYL S 3-68 * NOVON 712 * ONGROVIL S 165 * ONGROVIL S 470 * OPALON * OPALON 410 * OPALON 440 * OPALON 610 * OPALON 630 * OPALON 650 * OPALON 660 * OPALON R 7611 * ORTODUR * PANTASOTE R 873 * PARCLOID * PATTINA V 82 * PEVIKON D 61 * PEVIKON KL 2 * PEVIKON PE 709 * PEVIKON PE 712 * PEVIKON PS 690 * PEVIKON R 23 * PEVIKON R 25 * PEVIKON R 45 * PEVIKON R 341 * PEVIKON S 602 * PLIOVIC * PLIOVIC D 100X * PLIOVIC DB 80V * PLIOVIC K 906 * PLIOVIC K 90E * PLIOVIC S 50 * POR 60 * POLIVINIT * POLIWINIT * POLY(CHLOROETHYLENE) * POLYCO 2622 * POLYTHERM * POLYVINYLCHLORID (German) * POLYVINYL CHLORIDE * PORODUR * PROTOTYPE III SO61 * PVC * PVKHL 4 * PVKHS 60 * PVR61-S 632H * QSAH 7 * QSAN 7 * QUIRVIL * QUIRVIL 278 * Q95A * RAVINIL R 100-65D * RAVINYL * RUCON B 20 * RYURENE S 8008 * S 61 * S 65 (POLYMER) * S 70 * S 901 * SCON 5300 * SICRON * SICRON 530 * SICRON 540 * SICRON 548 * SICRON 548FM * SKHV 71 * S-LON * SM 200 * SOLVIC * SOLVIC 223 * SOLVIC 229 * SOLVIC 239 * SOLVIC 334 * SOLVIC 340 * SOLVIC 406 * SP 60 * SP 60 (CHLOROCARBON) * SR11 * SUMILIT EKA 13 * SUMILIT PX A * SUMILIT PXA 13 * SUMILIT PX N * SUMILIT PXNL * SUMILIT PX-NL * SUMILIT S chi-D * SUMILIT SX 11 * SUMILIT SX 13 * SUMILIT SX 7G * SUMILIT VS 9200 * SUMITOMO PX 11 * SV 55 * SX 11 * SX 7G * SX 8T * TAKILON * TECHNOPOR * TENNECO 1742 * TR 1000 * TOCRYL C 440 * TROVIDUR * TROVIDUR N * TROVITHERM HTL * TS 1100 * U 1 * U 1 (POLYMER) * ULTRON * UNICHEM * VA 15 * VC 100 * VC 410 * VERON P 130 1 * VESTOLIT B 7021 * VESTOLIT GH * VESTOLIT S 60 * VESTOLIT S 6554 * VESTOLIT S 6857 * VESTOLIT S 7056 * VESTOLIT S 7554 * VESTOLIT S 8056 * VINIKA KR 600 * VINIKA KR 800 * VINIKA 37M * VINIKA 55R * VINIRULON * VINIPLAST * VINIPLEN P 73 * VINIPLEN P 73 * VINIPLEN P 73E * VINIPLEN P 73EM * VINNOL E 75 * VINNOL H 100 65 * VINNOL H 100 70 * VINNOL H 60D * VINNOL H 70D * VINNOL H 100 70D * VINNOL H 75F * VINNOL P 70 * VINNOL P 70E * VINNOL P 100 70E * VINNOL Y * VINOFLEX * VINOFLEX P 313 * VINYLCHLON 4000LE * VINYL CHLORIDE HOMOPOLYMER * VINYL CHLORIDE POLYMER * VINYLITE QYJV * VIPLAST RA-F * VOLGOVINYL E 62 * VOLGOVINYL E 62P * VOLGOVINYL E 66P * VSKM-S * VYGEN 85 * VYGEN 110 * VYGEN 120 * VYGEN 313 * WELVIC G 2-5 * WELVIC PRO 953 * WELVIC PRO 686 * WELVIC R 7-622 * WELVIC RI 7 316 * WELVIC RIO 715 * WILT PRUF * WINIDUR * X-AB * YUGOVINYL

TUMORIGENIC DATA AND REFERENCES:

3V03J60R60 orl-rat TDLo:210 gm/kg/30W-C PATHAB 73,59,81
2V03V10 imp-rat TDLo:75 mg/kg CNREAS 15,333,55

TOXICITY DATA AND REFERENCES:

ihl-mus LC50:140 mg/m3/10M APFRAD 35,461,77

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AOHYA3 17(2),143,74; JOCMAT 15(10),808,73; STRAAA 100,192,56; FCTXAV 17,96,79

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,377,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 19,377,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KV0525000 ETHYLENE, CHLOROTRIFLUORO-

UPDT:8408 CAS: 79-38-9 MW: 116.47 MOLFM: C2-Cl-F3

SYN: CHLOROTRIFLUOROETHYLENE * CHLORTRIFLUORAETHYLEN (German) * CTFE * DAIFLON * ETHYLENE, TRIFLUOROCHLORO- * FLUOROPLAST 3 * GENETRON 1113 * MONOCHLOROTRIFLUOROETHYLENE * TRIFLUOROCHLOROETHYLENE * 1,1,2 TRIFLUORO-2 CHLOROETHYLENE * TRIFLUOROCHLOROETHYLENE (DOT) * TRIFLUOROCHLOROETHYLENE inhibited (DOT) * TRIFLUOROMONOCHLOROETHYLENE * TRIFLUOROVINYL CHLORIDE * TRITHENE * UN 1082 (DOT)

TOXICITY DATA AND REFERENCES:

ihl-rat LC50:1000 ppm/4H FLCRAP 1,197,67
orl-mus LD50:268 mg/kg ABMGAJ 21,377,68
ihl-mus LC50:1000 ppm/24H ABMGAJ 21,377,68
ipr-mus LD50:175 mg/kg ABMGAJ 21,377,68
3F07L30M30 ihl-gpg LC50:4102 mg/kg GTPZAB 21(5),36,77

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KV0600000 ETHYLENE, CHLOROTRIS(p-METHOXYPHENYL)-

UPDT:8401 CAS: 569-57-3 MW: 380.89 MOLFM: C23-H21-Cl-O3

SYN: ANISENE * BENZENE, 1,1',1''-(1-CHLORO-1-ETHENYL-2-YLIDENE)TRIS(4-METHOXY)- * CHLORESTROLO * 1,1',1''-(1-CHLORO-1-ETHENYL-2-YLIDENE) TRIS(4-METHOXYBENZENE) * CHLOROTRIANISENE * CHLOROTRIANIZEN * CHLOROTRISIN * CHLOROTRIS(p-METHOXYPHENYL)ETHYLENE * CHLORTRIANISEN * CLORESTROLO * CLOROTRISINE * CTA * HORMONISENE * KHLORTRIANIZEN * MERBENTUL * METACE * NSC 10108 * RIANIL * TACE * TACE-FN * TRI-p-ANISYLCHLOROETHYLENE * TRIS(p-METHOXYPHENYL)CHLOROETHYLENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 orl-wmn TDLo:48 mg/kg (14W pre) OBGNAS 8,399,56

TUMORIGENIC DATA AND REFERENCES:

3V03R60F17 orl-rat TDLo:37 mg/kg/2Y-C TXAPA9 11,489,67
3V03N60T61 scu-mus TDLo:180 mg/kg/89W-I AMPLAO 50,750,50

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ACRSAJ 1,173,53

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 21,139,79
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 21,139,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENE CYANIDE see: WN3850000
ETHYLENE CYANOHYDRIN see: MU5250000

KV0890000 ETHYLENE, 1-CYCLOHEXYL-2-(o-FLUOROPHENYL)-1-(p-METHOXYPHENYL)-

UPDT:8302 MW: 310.44 MOLFM: C21-H23-F-O

SYN: ANISOLE, p-(alpha-CYCLOHEXYL-alpha-FLUOROSTYRYL)- * 1-CYCLOHEXYL-2-(o-FLUOROPHENYL) 1-(p-METHOXYPHENYL)ETHYLENE * STILBENE, alpha-CYCLOHEXYL-2'-FLUORO-4-METHOXY-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03 orl-rat TDLo:500 mg/kg (10D male) AIPTAK 151,475,64

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAIL

1T13 scu-rat TDLo:3 mg/kg (3D pre) AIPTAK 151,475,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KV0900000 ETHYLENE, 1-CYCLOHEXYL-2-(o-FLUOROPHENYL)-1-PHENYL-
UPDT:8408 MW: 280.41 MOLFM: C20-H21-F
SYN: 1-CYCLOHEXYL-2-(o-FLUOROPHENYL)-1-PHENYLETHYLENE * 1-CYCLOHEXYL-1-PHENYL-2-(o-FLUOROPHENYL)ETHYLENE * STILBENE, alpha-CYCLOHEXYL-2'-FLUORO-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:500 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:3 mg/kg (3D pre) AIPTAK 151,475,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENE DIACRYLATE see: AT0350000
ETHYLENEDIAMINE see: KH8575000
ETHYLENE-DIAMINE (French) see: KH8575000
1,2-ETHYLENEDIAMINE see: KH8575000
ETHYLENEDIAMINEACETIC ACID TRISODIUM SALT see: AH5250000
ETHYLENEDIAMINE, N-(2-AMINOETHYL)- see: IE1225000

KV1798000 ETHYLENEDIAMINE, N-BENZYL-N-(6-CHLORO-2-BENZOTHIAZOLYL)-N',N'-DIETHYL-, FUMARATE
UPDT:8306 MW: 463.01 MOLFM: C18-H21-Cl-N3-S C4-H4-O4
SYN: N-BENZYL-N-(6-CHLORO-2-BENZOTHIAZOLYL)-N',N'-DIETHYLETHYLENEDIAMINE FUMARATE

TOXICITY DATA AND REFERENCES:
2F12F25 ipr-mus LD50:300 mg/kg APFRAD 35,295,77
2F12F25 ivn-mus LD50:75 mg/kg APFRAD 35,295,77

KV1902000 ETHYLENEDIAMINE, N-BENZYL-N',N'-DIMETHYL-N-(5-ETHOXY-2-BENZOTHIAZOLYL)-, FUMARATE (1:1)
UPDT:8306 MW: 471.62 MOLFM: C20-H25-N3-O-S C4-H4-O4
SYN: N-BENZYL-N',N'-DIMETHYL-N-(5-ETHOXY-2-BENZOTHIAZOLYL)ETHYLENEDIAMINE FUMARATE (1:1)

TOXICITY DATA AND REFERENCES:
2F12F25 ipr-mus LD50:200 mg/kg APFRAD 35,295,77
2F12F25 ivn-mus LD50:75 mg/kg APFRAD 35,295,77

KV1905000 ETHYLENEDIAMINE, N-BENZYL-N',N'-DIMETHYL-N-(p-ETHOXYPHENYL)-, FUMARATE
UPDT:8408 MW: 414.55 MOLFM: C19-H26-N2-O C4-H4-O4
SYN: N-BENZYL-N',N'-DIMETHYL-N-(p-ETHOXYPHENYL)ETHYLENEDIAMINE FUMARATE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:486 mg/kg YKKZAJ 83,696,63

KV1910000 ETHYLENEDIAMINE, N-BENZYL-N',N'-DIMETHYL-N-(6-METHOXY-2-BENZOTHIAZOLYL)-, FUMARATE (1:1)
UPDT:8306 MW: 457.59 MOLFM: C19-H23-N3-O-S C4-H4-O4
SYN: N-BENZYL-N',N'-DIMETHYL-N-(6-METHOXY-2-BENZOTHIAZOLYL)ETHYLENEDIAMINE FUMARATE

TOXICITY DATA AND REFERENCES:
2F12F25 ipr-mus LD50:300 mg/kg APFRAD 35,295,77
2F12F25 ivn-mus LD50:50 mg/kg APFRAD 35,295,77

KV1912000 ETHYLENEDIAMINE, N-BENZYL-N',N'-DIMETHYL-N-(6-METHYL-2-BENZOTHIAZOLYL)-, FUMARATE (1:1)
UPDT:8306 MW: 441.59 MOLFM: C19-H23-N3-S C4-H4-O4
SYN: N-BENZYL-N',N'-DIMETHYL-N-(6-METHYL-2-BENZOTHIAZOLYL)ETHYLENEDIAMINE FUMARATE (1:1)

TOXICITY DATA AND REFERENCES:
3F12F25F29 ipr-mus LD50:250 mg/kg APFRAD 35,295,77
3F12F25F29 ivn-mus LD50:60 mg/kg APFRAD 35,295,77

KV1914000 ETHYLENEDIAMINE, N-BENZYL-N,N'-DIMETHYL-N-(1-NAPHTHYL)-, HYDROCHLORIDE
UPDT:8310 MW: 340.93 MOLFM: C21-H24-N2 Cl-H
SYN: N-BENZYL-N,N'-DIMETHYL-N-(1-NAPHTHYLETHYLENEDIAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F12J30 ipr-mus LD50:135 mg/kg AIPTAK 123,419,60

KV1915000 ETHYLENEDIAMINE, N-BENZYL-N',N'-DIMETHYL-N-PHENYL-
UPDT:8401 CAS: 961-71-7 MW: 254.41 MOLFM: C17-H22-N2
SYN: ANTERGAN * N-BENZYL-N,N-DIMETHYL-N-PHENYLETHYLENEDIAMINE * BRIDAL * DIMETINA * 1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-PHENYL-N'-(PHENYLMETHYL)- (9CI) * LERGITIN * NCI-C60719 * PHENBENZAMINE * PM245 * 2339 RP

TOXICITY DATA AND REFERENCES:
* ims-rat LDLo:350 mg/kg FRPSAX 13,3,58
* ipr-mus LD50:170 mg/kg FRPSAX 13,3,58
* unk-mus LD50:175 mg/kg APYRAD 14,566,56

ETHYLENEDIAMINE, N-BENZYL-N',N'-DIMETHYL-N-(2-PYRIDYL)-, HYDROCHLORIDE see: US3150000
ETHYLENEDIAMINE, N,N'-BIS(2-AMINOETHYL)- see: YE6650000
ETHYLENEDIAMINE-N,N'-BIS(2-HYDROXYPHENYLACETIC ACID) see: MB4941000

KV2800000 ETHYLENEDIAMINE, N,N'-BIS(alpha-METHYLBENZYL)-
UPDT:8407 CAS: 6280-75-7 MW: 266.42 MOLFM: C18-H22-N2
SYN: N,N'-DI(alpha-METHYLBENZYL)ETHYLENEDIAMINE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 20 mg open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1290 mg/kg AMIHBC 10,61,54
* scu-mus LD50:200 mg/kg ARZNAD 9,628,59
* skn-rbt LD50:530 mg/kg AMIHBC 10,61,54

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KV2894000 ETHYLENEDIAMINE, N-(6-CHLORO-2-BENZOTHIAZOLYL)-N',N'-DIMETHYL-N-(p-METHOXYBENZYL)-, FUMARATE (1:1)
UPDT:8306 MW: 492.03 MOLFM: C19-H22-Cl-N3-O-S C4-H4-O4
SYN: N-(6-CHLORO-2-BENZOTHIAZOLYL)-N,N'-DIMETHYL-N'-(p-METHOXYBENZYL)ETHYLENEDIAMINE FUMARATE

TOXICITY DATA AND REFERENCES:
2F12F25 ipr-mus LD50:400 mg/kg APFRAD 35,295,77
2F12F25 ivn-mus LD50:75 mg/kg APFRAD 35,295,77

KV2901000 ETHYLENEDIAMINE, N-(p-CHLOROBENZYL)-N',N'-DIMETHYL-N-(6-METHOXY-2-BENZOTHIAZOLYL)-, FUMARATE (1:1)
UPDT:8306 MW: 492.03 MOLFM: C19-H22-Cl-N3-O-S C4-H4-O4
SYN: N-(p-CHLOROBENZYL)-N,N'-DIMETHYL-N'-(6-METHOXY-2-BENZOTHIAZOLYL)ETHYLENEDIAMINE FUMARATE

TOXICITY DATA AND REFERENCES:
1F25 ipr-mus LD50:400 mg/kg APFRAD 35,295,77
1F25 ivn-mus LD50:75 mg/kg APFRAD 35,295,77

ETHYLENEDIAMINE, N-(5-CHLORO-2-THENYL)-N',N'-DIMETHYL-N-2-PYRIDYL- see: US7350000
N,N'-ETHYLENEDIAMINEDIACETIC ACID TETRASODIUM SALT see: AH5075000

KV3450000 ETHYLENEDIAMINE, N,N'-DiBENZYL-, DIHYDROCHLORIDE
UPD: 8311 CAS: 3412-76-8 MW: 313.30 MOLFM: C16-H20-N2 2Cl-H
SYN: DBED DIHYDROCHLORIDE * N,N-DIBENZYLETHYLENEDIAMINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J26 orl-mus LD50:630 mg/kg ANTCAO 1,504,51
3F12F13J26 ipr-mus LD50:104 mg/kg ANTCAO 1,504,51
* scu-mus LD50:200 mg/kg ARZNAD 9,628,59

ETHYLENEDIAMINE, N,N'-DIBENZYL-, compd. with PENICILLIN G (1:2) see: XH9425000
ETHYLENEDIAMINEDICHLORIDE PLATINUM (II) see: TP2497100

KV3500000 ETHYLENEDIAMINE, N,N-DIETHYL-
UPDT:8407 CAS: 100-36-7 MW: 116.24 MOLFM: C6-H16-N2
SYN: N,N-DIETHYLETHYLENEDIAMINE * 1,2-ETHANEDIAMINE, N,N-DIETHYL- * USAF AM-1

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open AMIHBC 10,61,54
eye-rbt 50 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg AMIHBC 10,61,54
ipr-mus LD50:300 mg/kg NTIS** AD277-689
* skn-rbt LD50:820 mg/kg AMIHBC 10,61,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENEDIAMINE, N,N-DIETHYL-N'-(2,5-DIETHOXYPHENYL)-N'-(4-BUTOXYPHENOXYACETYL)-, HCl see: AB4785000

KV3675000 ETHYLENEDIAMINE, N,N'-DIETHYL-N,N'-DINITROSO-
UPDT:8401 CAS: 7346-14-7 MW: 174.24 MOLFM: C6-H14-N4-O2
SYN: N,N'-DIETHYL-N,N-DINITROSOETHYLENEDIAMINE * N,N-DINITROSO-N,N-DIETHYLETHYLENEDIAMINE * NSC 62579

TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:12 mg/kg-1Y-I JNCIAM 41,985,68
2V01K60 orl-rat TD :34 mg/kg-50W-I JNCIAM 41,985,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KV3675160 ETHYLENEDIAMINE, N,N-DIETHYL-, DIPHENYLDISULFONATE
UPDT:8308 MW: 430.58 MOLFM: C6-H16-N2 C12-H10-O6-S2
SYN: N,N-DIETHYLETHYLENEDIAMINE DIPHENYLDISULFONATE * 1,2-ETHANEDIAMINE, N,N-DIETHYL-, DIPHENYLDISULFONATE (9CI)

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:48 mg/kg CPBTAL 20,2459,72

KV3715000 ETHYLENEDIAMINE, N,N-DIETHYL-N'-(p-METHOXYBENZYL)-N'-(6-METHOXY-2-BENZOTHIAZOLYL)-, FUMARATE (1:1)
UPDT:8306 MW: 515.68 MOLFM: C22-H29-N3-O2-S C4-H4-O4
SYN: N,N-DIETHYL-N'-(p-METHOXYBENZYL)-N'-(6-METHOXY-2-BENZOTHIAZOLYL)ETHYLENEDIAMINE FUMARATE

TOXICITY DATA AND REFERENCES:
2F12F25 ipr-mus LD50:300 mg/kg APFRAD 35,295,77
2F12F25 ivn-mus LD50:35 mg/kg APFRAD 35,295,77

KV3850000 ETHYLENEDIAMINE, DIHYDROCHLORIDE
UPDT:8408 CAS: 333-18-6 MW: 133.04 MOLFM: C2-H8-N2 2Cl-H
SYN: CHLOR-ETHAMINE * ETHYLENEDIAMINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 orl-rat TDLo:10 gm/kg (6-15D preg) TOXID9 4,165,84
2T46T47 orl-rat TDLo:10 gm/kg (6-15D preg) TOXID9 4,165,84

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg JPETAB 90,260,47
ims-rat LD50:150 mg/kg EMSUAB 4,223,46

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KV4375000 ETHYLENEDIAMINE, N,N'-DIMETHYL-N,N'-DINITROSO-
UPDT:8401 CAS: 13256-12-7 MW: 146.18 MOLFM: C4-H10-N4-O2
SYN: DIMETHYL DI-NITROSO AETHYLENDIAMIN (German) * DIMETHYLDINITROSOETHYLENEDIAMINE * N,N'-DIMETHYL-N,N'-DINITROSOETHYLENEDIAMINE * N,N'-DINITROSO-N,N'-DIMETHYLETHYLENEDIAMINE

MUTATION DATA AND REFERENCES:
mmo-omi 5000 ppm/24H-C SOGEBZ 10,522,74

TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:570 mg/kg/43W-C ARZNAD 19,1077,69

TOXICITY DATA AND REFERENCES:
orl-rat LD50:150 mg/kg NATWAY 50,100,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KV4380000 ETHYLENEDIAMINE, N,N-DIMETHYL-N'-(p-ETHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8408 CAS: 22123-27-9 MW: 244.80 MOLFM: C12-H20-N2-O Cl-H
SYN: N,N-DIMETHYL-N'-(p-ETHOXYPHENYL)ETHYLENEDIAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:186 mg/kg YKKZAJ 83,696,63

KV4394000 ETHYLENEDIAMINE, N,N-DIMETHYL-N'-(6-METHOXY-2-BENZOTHIAZOLYL)-N'-(p-METHOXYBENZYL)-, FUMARATE (1:1)
UPDT:8306 MW: 487.62 MOLFM: C20-H25-N3-O2-S C4-H4-O4
SYN: N,N-DIMETHYL-N'-(6-METHOXY-2-BENZOTHIAZOLYL)-N'-(p-METHOXYBENZYL)ETHYLENEDIAMINE FUMARATE

TOXICITY DATA AND REFERENCES:
2F12F25 ipr-mus LD50:250 mg/kg APFRAD 35,295,77
2F12F25 ivn-mus LD50:50 mg/kg APFRAD 35,295,77

KV4394200 ETHYLENEDIAMINE, N,N-DIMETHYL-N'-(5-METHYL-2-BENZOTHIAZOLYL)-N'-(p-METHYLBENZYL)-, FUMARATE (1:1)
UPDT:8306 MW: 455.62 MOLFM: C20-H25-N3-S C4-H4-O4
SYN: N,N-DIMETHYL-N'-(5-METHYL-2-BENZOTHIAZOLYL)-N'-(p-METHYLBENZYL)ETHYLENEDIAMINE FUMARATE

TOXICITY DATA AND REFERENCES:
3F12F25F29 ipr-mus LD50:250 mg/kg APFRAD 35,295,77
3F12F25F29 ivn-mus LD50:85 mg/kg APFRAD 35,295,77

DU PONT HERBICIDE 976 see: YQ9100000

KV4725000 ETHYLENEDIAMINE, N,N-DIMETHYL-N'-PHENYL-N'-2-THENYL-, MONOHYDROCHLORIDE
UPDT:8403 CAS: 7084-07-3 MW: 296.89 MOLFM: C15-H20-N2-S Cl-H
SYN: DIATRIN HYDROCHLORIDE * ENSTAMINE HYDROCHLORIDE * METHAPHENILENE HYDROCHLORIDE * NILHISTIN

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:117 mg/kg 85ESA3 9,777,76

KV4785000 ETHYLENEDIAMINE, N,N'-DINITRO-N,N'-(HEXANITRODIPHENYL)-, dry
UPDT:8308
SYN: N,N'-(HEXANITRODIPHENYL) ETHYLENE DINITRAMINE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD,FORBIDDEN CFRGBR 49,172.101,82

ETHYLENE DIAMINE (DOT) see: KH8575000

KV4995000 ETHYLENEDIAMINE, N-(p-ETHOXYPHENYL)-N,N',N'-TRIMETHYL-, HYDROCHLORIDE
UPDT:8408 MW: 258.83 MOLFM: C13-H22-N2-O Cl-H
SYN: N-(p-ETHOXYPHENYL)-N,N,N'-TRIMETHYLETHYLENEDIAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:186 mg/kg YKKZAJ 83,696,63

KV5010000 ETHYLENEDIAMINE, N-ETHYL-, mixed with SODIUM NITRITE
UPDT:8306 MW: 157.18 MOLFM: C4-H12-N2 N-Na-O2
SYN: N-ETHYLETHYLENEDIAMINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with N-ETHYLETHYLENEDIAMINE

MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate ENMUDM 5,101,83

BEST COPY AVAILABLE

ETHYLENEDIAMINE HYDROCHLORIDE see: KV3850000

KV5150000 ETHYLENEDIAMINE, N-ISOPROPYL-, mixed with SODIUM NITRITE
UPDT:8306 MW: 171.21 MOLFM: C5-H14-N2 · N-Na-O2
SYN: N-ISOPROPYLETHYLENEDIAMINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with N-ISOPROPYLETHYLENEDIAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate — ENMUDM 5,101,83

ETHYLENEDIAMINE, N-(p-METHOXYBENZYL)-N',N'-DIMETHYL-N-2-PYRIMIDINYL- see: UV8575000

KV5330000 ETHYLENEDIAMINE, N-(1-NAPHTHYL)-, DIHYDROCHLORIDE
UPDT:8412 CAS: 1465-25-4 MW: 259.20 MOLFM: C12-H14-N2 · 2Cl-H
SYN: N-1-NAPHTHALENYL-1,2-ETHANEDIAMINE DIHYDROCHLORIDE * N-(1-NAPHTHYL)ETHYLENEDIAMINE DIHYDROCHLORIDE * NCI-C03281
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:150 mg/kg — NTIS** AD691-490
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-168,79)
REPORTED IN EPA TSCA INVENTORY, 1983

ETHYLENEDIAMINE, N'-(3-PHENYL-1-INDOLYL)-N,N,N'-TRIMETHYL-, HYDROCHLORIDE see: NL7440000

KV5380000 ETHYLENEDIAMINE, N-PHENYL-N,N',N'-TRIMETHYL-, FUMARATE
UPDT:8408 MW: 294.39 MOLFM: C13-H18-N2 · C4-H4-O4
SYN: N-PHENYL-N,N,N'-TRIMETHYLETHYLENEDIAMINE FUMARATE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:258 mg/kg — YKKZAJ 83,696,63

KV5400000 ETHYLENEDIAMINE, N-PROPYL-, mixed with SODIUM NITRITE
UPDT:8306 MW: 171.21 MOLFM: C5-H14-N2 · N-Na-O2
SYN: N-PROPYLETHYLENEDIAMINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with N-PROPYLETHYLENEDIAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate — ENMUDM 5,101,83

ETHYLENEDIAMINETETRAACETATE see: AH4025000
ETHYLENEDIAMINETETRAACETATE, DISODIUM SALT see: AH4375000
ETHYLENEDIAMINETETRAACETIC ACID see: AH4025000
ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID see: AH4025000
ETHYLENEDIAMINETETRAACETIC ACID, ALUMINUM - SODIUM SALT see: AH4055000
ETHYLENEDIAMINETETRAACETIC ACID, CALCIUM DISODIUM CHELATE see: EV7700000
ETHYLENEDIAMINETETRAACETIC ACID, DISODIUM SALT see: AH4375000
ETHYLENEDIAMINETETRAACETIC ACID (DOT) see: AH4025000
ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT see: AH5075000
ETHYLENEDIAMINETETRAACETIC ACID, TRISODIUM SALT see: AH5250000

KV7175000 ETHYLENEDIAMINE, N,N,N',N'-TETRAMETHYL-
UPDT:8407 CAS: 110-18-9 MW: 116.24 MOLFM: C6-H16-N2
SYN: 1,2-BIS-(DIMETHYLAMINO)ETHANE * 1,2-BIS-(DIMETHYLAMINO)-ETHANE (DOT) * 1,2-ETHANEDIAMINE, N,N,N',N'-TETRAMETHYL- (9CI) * PROPAMINE D * TEMED * TETRAMEEN * N,N,N',N'-TETRAMETHYL-1,2-DIAMINOETHANE * N,N,N',N'-TETRAMETHYLETHANEDIAMINE * TETRAMETHYL ETHYLENE DIAMINE * N,N,N',N'-TETRAMETHYLETHYLENEDIAMINE * TMEDA * UN 2372 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open — JIHTAB 30,63,48
eye-rbt 750 ug SEV — AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1580 mg/kg — JIHTAB 30,63,48
° skn-rbt LD50:5390 mg/kg — AIHAAP 30,470,69
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHYLENEDIAMINE, compd. with THEOPHYLLINE (1:2) see: XH5600000

KV7525000 ETHYLENEDIAMINE, 1-(1,3,7-TRIMETHYL-2,6-DIOXOPURIN-8-YL)-4-(2-PHENYL-1-METHYL)ETHYL- 4-METHYL-, HYDROCHLORIDE
UPDT:8403 CAS: 63918-50-3 MW: 421.00 MOLFM: C20-H28-N6-O2 · Cl-H
SYN: FENCAMINE HYDROCHLORIDE * SICOCLOR
TOXICITY DATA AND REFERENCES:
orl-rat LD50:508 mg/kg — 27ZQAG -,229,72
ipr-rat LD50:93 mg/kg — 27ZQAG -,229,72
orl-mus LD50:418 mg/kg — 27ZQAG -,229,72
ipr-mus LD50:82 mg/kg — 27ZQAG -,229,72

p,p'-ETHYLENEDIANILINE DIHYDROCHLORIDE see: BY0210000
ETHYLENE DIBROMIDE see: KH9275000
1,2-ETHYLENE DIBROMIDE see: KH9275000
ETHYLENE DIBROMIDE (DOT) see: KH9275000

KV7900000 ETHYLENE, 1,2-DIBROMO-, (E)-
UPDT:8406 CAS: 590-12-5 MW: 185.86 MOLFM: C2-H2-Br2
SYN: trans-1,2-DIBROMOETHENE * (E)-1,2-DIBROMOETHYLENE * trans-DIBROMOETHYLENE * trans-1,2-DIBROMOETHYLENE * 1,2-DIBROMOETHYLENE * ETHENE, 1,2-DIBROMO-, (E)- (9CI) * RCRA WASTE NUMBER U079
TOXICITY DATA AND REFERENCES:
orl-rat LD50:62 mg/kg — JPMSAE 63,1068,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

cis-1,2-ETHYLENEDICARBOXYLIC ACID see: OM9625000
trans-1,2-ETHYLENEDICARBOXYLIC ACID see: ES9625000
1,2-ETHYLENEDICARBOXYLIC ACID, (E) see: ES9625000
1,2-ETHYLENEDICARBOXYLIC ACID, (Z) see: OM9625000
trans-1,2-ETHYLENEDICARBOXYLIC ACID DIMETHYL ESTER see: EM6125000
ETHYLENE DICHLORIDE see: KI0525000
1,2-ETHYLENE DICHLORIDE see: KI0525000
ETHYLENE DICHLORIDE (DOT) see: KI0525000

KV9250000 ETHYLENE, DICHLORO-
UPDT:8406 CAS: 25323-30-2 MW: 96.94 MOLFM: C2-H2-Cl2
SYN: DICHLOROETHYLENE * DICHLOROETHYLENE (DOT) * UN 1150 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:76 gm/m3/2H — AEXPBL 83,235,18
ihl-gpg LCLo:155 gm/m3/1H — AEXPBL 83,235,18
1K13 orl-mam LDLo:2500 mg/kg — UGLAAD 121,375,59
STANDARDS & REGULATIONS:
★ DOT-HAZARD-FLAMMABLE LIQUID, LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

KV9275000 ETHYLENE, 1,1-DICHLORO-
UPDT:8408 CAS: 75-35-4 MW: 96.94 MOLFM: C2-H2-Cl2
SYN: CHLORURE DE "INYLIDENE (French) * 1,1-DCE * 1,1-DICHLOROETHENE (9CI) * 1,1-DICHLOROETHYLENE * FIHENE, 1,1-DICHLORO- * NCI-C54262 * RCRA WASTE NUMBER U078 * SCONATEX * VDC * VINYLIDENE CHLORIDE * VINYLIDENE CHLORIDE (II) * VINYLIDENE DICHLORIDE * VINYLIDINE CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 5 pph — MUREAV 57,141,78
mma-sat 3 pph/2H — MUREAV 58,183,78
mma-esc 2500 umol/L — BCPCA6 24,2013,75
dnd-rat-ihl 10 ppm — TXAPA9 53,357,80
dnd-mus-ihl 50 ppm — TXAPA9 53,357,80
dns-mus-ihl 50 ppm — TXAPA9 53,357,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T29T34 orl-rat TDLo:200 mg/kg (6-15D preg) — TXAPA9 49,189,79
1T46 ihl-rat TCLo:80 ppm/7H (6-15D preg) — TXAPA9 49,189,79
1T22 ihl-rat TCLo:55 ppm/6H (55D pre) — JTEHD6 3,965,77
1T25 ihl-rbt TCLo:160 ppm/7H (6-15D preg) — TXAPA9 49,189,79
TUMORIGENIC DATA AND REFERENCES:
3V03L60P62 ihl-rat TCLo:55 ppm/6H/52W-I — JTEHD6 4,15,78
3V01M61P61 ihl-mus TCLo:25 ppm/4H/52W-I — MELAAD 68,241,77
3V02J60R60 skn-mus TDLo:4840 mg/kg — JJINDB 63,1433,79
3V03P61R60 ihl-rat TC :150 ppm/4H/52W-I — MELAAD 68,241,77
3V03J60L60 ihl-mus TC :55 ppm/6H/13W-I — JTEHD6 7,909,81
2V03L60 ihl-mus TC :55 ppm/6H/52W-I — EVHPAZ 21,25,77
2V03P60 ihl-rat TC :55 ppm/6H/52W-I — EVHPAZ 21,25,77
3V03K60L60 ihl-rat TC :150 ppm/4H/52W-I — EVHPAZ 21,45,77
3V03L60R60 ihl-rat TC :55 ppm/6H/28W-I — JTEHD6 7,909,81
TOXICITY DATA AND REFERENCES:
3F01L30M30 ihl-hmn TCLo:25 ppm — CHINAG (11),463,76
orl-rat LD50:200 mg/kg — DCTODJ 1,63,77
ihl-rat LCLo:10000 ppm/24H — EXMPA6 20,187,74
° ihl-mus LC50:98 ppm/22H — JTEHD6 3,913,77
orl-dog LDLo:5750 mg/kg — QJPPAL 7,205,34
ivn-dog LDLo:225 mg/kg — QJPPAL 7,205,34
scu-rbt LDLo:3700 mg/kg — QJPPAL 7,205,34
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; CTOXAO 8,633,75; CMTVAS 10(3),49,73; NTIS** ORNL/TIRC-77/3; VHTODE 22,31,80
★ CARCINOGENIC REVIEW,ANIMAL POSITIVE — IARC** 19,439,79
★ CARCINOGENIC REVIEW,HUMAN INDEFINITE — IARC** 19,439,79
★ TLV-TWA 5 ppm; STEL 20 ppm — DTLWS* 4,433,82
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE, RAT (NTPTR* NTP-TR-228,82)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 266*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 28, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0979-0310
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENE, 1,1-DICHLORO- (8CI) see: YZ8061000

KV9360000 ETHYLENE, 1,2-DICHLORO-
UPDT:8412 CAS: 540-59-0 MW: 96.94 MOLFM: C2-H2-Cl2
SYN: ACETYLENE DICHLORIDE * 1,2-DICHLOR-AETHEN (German) * 1,2-DICHLOROETHENE * DICHLORO-1,2-ETHYLENE (French) * sym-DICHLOROETHYLENE * 1,2 DICHLOROETHYLENE * DIOFORM * NCI-C56031
TOXICITY DATA AND REFERENCES:
orl-rat LD50:770 mg/kg — ARSIM* 20,10,66
ipr-mus LD50:2000 mg/kg — JETOAS 7(4),247,74
REVIEW AND REFERENCES:
★ TLV-TWA 200 ppm; STEL 250 ppm — DTLVS* 4,130,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm (SCP-H) — FEREAC 39,23540,74
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003
REPORTED IN EPA TSCA INVENTORY, 1983

KV9400000 ETHYLENE, 1,2-DICHLORO-, (E)-
UPDT:8412 CAS: 156-60-5 MW: 96.94 MOLFM: C2-H2-Cl2
SYN: trans-ACETYLENE DICHLORIDE * trans-DICHLOROETHYLENE * trans-1,2 DICHLOROETHYLENE
TOXICITY DATA AND REFERENCES:
2F04F08 ihl-hmn TCLo:4800 mg/m3/10M — AHBAAM 116,131,36
ipr-rat LD50:7536 mg/kg — TXCYAC 7,141,77
ihl-mus LCLo:75000 mg/m3/2H — AHBAAM 116,131,36
ipr-mus LD50:4019 mg/kg — TXCYAC 7,141,77
ihl-cat LCLo:43000 mg/m3/6H — AHBAAM 116,131,36
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345,8EHQ-0982-0457,8EHQ-0979-0310
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KV9420000 ETHYLENE, 1,2-DICHLORO-, (Z)-
UPDT:8412 CAS: 156-59-2 MW: 96.94 MOLFM: C2-H2-Cl2
SYN: cis-DICHLOROETHYLENE
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:65000 mg/m3/2H — AHBAAM 116,131,36
ihl-cat LCLo:20000 mg/m3/6H — AHBAAM 116,131,36
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

KV9450000 ETHYLENE, 1,1-DICHLORO-2,2-BIS(p-CHLOROPHENYL)-
UPDT:8412 CAS: 72-55-9 MW: 318.02 MOLFM: C14-H8-Cl4
SYN: 2,2-BIS(p-CHLOROPHENYL)-1,1-DICHLOROETHYLENE * DDE * p,p-DDE * DDE (DEHYDROCHLORIDE * 1,1-DICHLORO-2,2-BIS(p-CHLOROPHENYL)ETHYLENE * p,p'-DICHLORODIPHENYL DICHLOROETHYLENE * 1,1-DICHLOROETHENYLIDENE)-BIS(4-CHLOROBENZENE) * NCI-C00555
MUTATION DATA AND REFERENCES:
dnd-rat:livr 300 umol/L — SinJF# 26OCT82
cyt-rat:ath 10 ug/L — 34LXAP -,555,76
otr-mus:emb 42600 nmol/L — JNCIAM 54,981,75
dni-mus-orl 50 mg/kg — MUREAV 46,305,77
msc-mus:lym 40 mg/L/4H — MUREAV 59,61,79
slt-ham:ovr 25 mg/L — MUREAV 136,137,84
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ipr-rat TDLo:3500 ug/kg (7D pre) — ENDOAO 91,1095,72
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:9700 mg/kg/78W-C — NCITR* NCI-CG-TR-131,78
3V02L60N61 orl-ham TDLo:36 gm/kg/86W-C — CNREA8 43,776,83
2V02L60 orl-mus TD :28 gm/kg/80W-C — JNCIAM 52,883,74
2V01L60 orl-mus TD :17 gm/kg/78W-C — NCITR* NCI-CG-TR-131,78
3V02L60N61 orl-ham TD :57 gm/kg/68W-C — CNREA8 43,776,83
3V02L60N61 orl-ham TD :41 gm/kg/97W-C — CNREA8 43,776,83
3V02L60N61 orl-ham TD :81 gm/kg/97W-C — CNREA8 43,776,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:880 mg/kg — TXAPA9 14,515,69
orl-mus LDLo:200 mg/kg — JPETAB 88,400,46
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; RREVAH 48,141,73
★ CARCINOGENIC REVIEW,ANIMAL POSITIVE — IARC** 5,83,74
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE;MOUSE (NCITR* NCI-CG-TR-131,79)

BEST COPY AVAILABLE

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;RAT (NCITR* NCI-CG-TR-131,78)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KV9460000 ETHYLENE, DICHLORODIFLUORO-
UPDT:8308 CAS: 27156-03-2 MW: 137.92 MOLFM: C2-Cl2-F2
SYN: DICHLORODIFLUOROETHYLENE (DOT) * NA 9018 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD;ORM-A; LABEL:NONE CFRGBR 49,172.101,82

KV9470000 ETHYLENE, 1,1-DICHLORO-2,2-DIFLUORO-
UPDT:8408 CAS: 79-35-6 MW: 132.92 MOLFM: C2-Cl2-F2
SYN: 1,1-DICHLORO-2,2-DIFLUOROETHYLENE * 1,1-DIFLUORO-2,2-DICHLOROETHYLENE * ETHENE, 1,1-DICHLORO-2,2-DIFLUORO- * GENETRON 1112A * GENETRONE 1112A
TOXICITY DATA AND REFERENCES:
° ihl-rat LC50:580 mg/m3/4H 85GMAT -,53,82
3F07L30M30 ihl-mus LC50:563 mg/kg GTPZAB 21(5),36,77
3F07L30M30 ihl-gpg LC50:620 mg/kg GTPZAB 21(5),36,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KV9490000 ETHYLENE, 1,2-DICHLORO-1-(METHYLSULFONYL)-
UPDT:8412 CAS: 2700-89-2 MW: 175.03 MOLFM: C3-H4-Cl2-O2-S
SYN: CHEMAGRO D-113 * 1,2-DICHLORO-1-(METHYLSULFONYL)ETHYLENE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:61 mg/kg 34ZIAG -,162,69
ipr-rat LD50:12500 ug/kg 34ZIAG -,162,69
ipr-mus LD50:12500 ug/kg 34ZIAG -,162,69
orl-pgp LD50:40 mg/kg 34ZIAG -,162,69
orl-pgn LD50:40 mg/kg 34ZIAG -,162,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KV9750000 ETHYLENE, 1,1-DICHLORO-, POLYMER with CHLOROETHYLENE
UPDT:8307 CAS: 9011-06-7 MOLFM: (C2-H3-Cl)x-(C2-H2-Cl2)x
SYN: BREON 202 * BREON CS 100-30 * CHLOROETHYLENE 1,1-DICHLOROETHYLENE POLYMER * DARAN * DARAN CR 6795H * 1,1-DICHLOROETHENE POLYMER with CHLOROETHENE * 1,1-DICHLOROETHYLENE-MONOCHLOROETHYLENE POLYMER * 1,1-DICHLOROETHYLENE POLYMER with CHLOROETHYLENE * DOW 874 * DOW LATEX 874 * E167 * ETHENE, 1,1-DICHLORO-, polymer with CHLOROETHENE (9CI) * GEON 222 * GEON 652 * IKBS 1 * KNS 596 * KUREHALON A0 * LAPLEN * LATEX SVKh * POLYCO 2611 * QX 2168 * SARAN 683 * SARAN 746 * SARAN RESIN 683 * SP 489 * SVKh 1 * SVKh 40 * UP 925 * VELON * VIKh 65 * VINIDEN 60 * VINYL CHLORIDE COPOLYMER with VINYLIDENE CHLORIDE * VINYL CHLORIDE-1,1-DICHLOROETHYLENE COPOLYMER * VINYL CHLORIDE-VINYLIDENE CHLORIDE COPOLYMER * VINYL CHLORIDE-VINYLIDENE CHLORIDE POLYMER * VINYLIDENE CHLORIDE-VINYL CHLORIDE POLYMER * VKhVD 40 * WINIDEN 60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHYLENE DICYANIDE see: WN3850000

KW0560000 ETHYLENE, 1,1-DIFLUORO-
UPDT:8412 CAS: 75-38-7 MW: 64.04 MOLFM: C2-H2-F2
SYN: 1,1-DIFLUOROETHYLENE * 1,1-DIFLUOROETHYLENE (DOT) * HALOCARBON 1132A * NCI-C60208 * UN 1959 (DOT) * VDF * VINYLIDENE FLUORIDE
MUTATION DATA AND REFERENCES:
mma-sat 50 ppb:/24H ARTODN 41,249,79
TUMORIGENIC DATA AND REFERENCES:
3V92D45R60 orl-rat TDLo:1930 mg/kg/52W-I MELAAD 70,363,79
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:128000 ppm/4H JOCMA7 4,262,62
STANDARDS & REGULATIONS:
★ DOT-IMO;FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0480-0337
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENE DIGLYCOL see: ID5950000
ETHYLENE DIGLYCOL MONOETHYL ETHER see: KK8750000
ETHYLENE DIGLYCOL MONOMETHYL ETHER see: KL6125000
1,1'-ETHYLENEDIGUANIDINE DIHYDROCHLORIDE see: MF1940000
ETHYLENE DIHYDRATE see: KW2975000
1,1'-ETHYLENEDIIMINOBIS(3-CHLORO-2-PROPANOL) see: UB5602000
1,1'-ETHYLENEDIIMINOBIS(3-CHLORO-2-PROPANOL) DIHYDROCHLORIDE see: UB5603000
alpha,alpha'-(ETHYLENEDIIMINO)BIS(N,N-DIMETHYL-p-TOLUENESULFONAMIDE) see: XT5760000
alpha,alpha'-(ETHYLENEDIIMINO)BIS(N,N-DIMETHYL-p-TOLUENESULFONAMIDE) DIACETATE see: XT5762000
alpha,alpha'-(ETHYLENEDIIMINO)BIS(N,N-DIMETHYL-p-TOLUENESULFONAMIDE) DIHYDROCHLORIDE see: XT5764000
ETHYLENE DIISOTHIOCYANATE see: NX8580000
ETHYLENE DIMETHANESULFONATE see: KW5540000
ETHYLENE DIMETHANESULPHONATE see: KW5540000
ETHYLENE DIMETHYL ETHER see: KI1451000
ETHYLENE DINITRATE see: KW5600000
(ETHYLENEDINITRILO)TETRAACETATE DIPOTASSIUM SALT see: AH4310000
((ETHYLENEDINITRILO)TETRAACETATO)CUPRATE(2-) DISODIUM see: GS2169100
ETHYLENEDINITRILOTETRAACETIC ACID see: AH4025000
(ETHYLENEDINITRILO)-TETRAACETIC ACID see: AH5275000
(ETHYLENEDINITRILO)TETRAACETIC ACID ALUMINUM SODIUM SALT see: AH4055000
(ETHYLENEDINITRILO)-TETRAACETIC ACID DISODIUM SALT see: AH4375000
1,1',1'',1'''-(ETHYLENEDINITRILO)TETRA-2-PROPANOL see: UB5604000
6,6'-(ETHYLENEDIOXY)BIS(4-AMINOQUINALDINE) DIHYDROCHLORIDE see: UZ9826000
1,1'-(ETHYLENEDIOXY)BIS(3-CHLORO-2-PROPANOL) see: UB5606000
2,2'-ETHYLENEDIOXYBIS(ETHANOL) see: YE4550000
2,2'-ETHYLENEDIOXYDIETHANOL see: YE4550000
2,2'-ETHYLENEDIOXYDIETHANOL DIVALERATE (ester) see: KK9500000
2,2'-(ETHYLENEDIOXY)DIETHANOL PHOSPHATE (3:1) see: KK9520000
2,2'-(ETHYLENEDIOXY)DI(ETHYL ACETATE) see: YE4950000
2,2'-ETHYLENEDIOXYETHANOL see: YE4550000

KW2020000 ETHYLENE, 1,2-DIPHENYL-1-(p-ETHYLPHENYL)-2-NITRO-, (E)-
UPDT:8412 CAS: 22393-54-2 MW: 329.42 MOLFM: C22-H19-N-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:12500 ug/kg (5D pre) CHTPBA 4,1,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KW2040000 ETHYLENE, 2,2-DIPHENYL-1-(p-ETHYLPHENYL)-1-NITRO-
UPDT:8412 CAS: 21141-47-9 MW: 329.42 MOLFM: C22-H19-N-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:250 ug/kg (5D pre) CHTPBA 4,1,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KW2050000 ETHYLENE, 1,1-DIPHENYL-2-(m-FLUOROPHENYL)-
UPDT:8302 MW: 274.35 MOLFM: C20-H15-F
SYN: 1,1-DIPHENYL-2-(m-FLUOROPHENYL)ETHYLENE * STILBENE, 3'-FLUORO alpha-PHENYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:500 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:3 mg/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENE DIPROPIONATE see: GP9625000
1,1'-ETHYLENEDIPYRIDINIUM DIBROMIDE see: UU4021000
ETHYLENE DIPYRIDYLIUM DIBROMIDE see: JM5690000
1,1-ETHYLENE 2,2-DIPYRIDYLIUM DIBROMIDE see: JM5690000
1,1'-ETHYLENE-2,2'-DIPYRIDYLIUM DIBROMIDE see: JM5690000
2,2'-(ETHYLENEDITHIO)DI-1,3,2-THIARSOLANE see: JO6125000
2,2'-(1,2-ETHYLENEDIYL)BIS(5-AMINOBENZENESULFONIC ACID) see: WJ6603000
1,2-ETHYLENEDIYLBIS(CARBAMODITHIOATO)MANGANESE see: OP0700000
ETHYLENE (DOT) see: KU5340000
ETHYLENE, refrigerated liquid (DOT) see: KU5340000
ETHYLENE EPISULFIDE see: KX3500000
ETHYLENE EPISULPHIDE see: KX3500000
ETHYLENE FLUORIDE see: KI1410000
ETHYLENE, FLUORO- (8CI) see: YZ7351000

KW2666400 ETHYLENE, 1-(m-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYL-
UPDT:8302 MW: 304.38 MOLFM: C21-H17-F-O
SYN: ANISOLE, p-(m-FLUORO-alpha-PHENYLSTYRYL)- * 1-(m-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE * STILBENE, 3'-FLUORO-4-METHOXY-alpha-PHENYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:500 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:3 mg/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KW2975000 ETHYLENE GLYCOL
UPDT:8412 CAS: 107-21-1 MW: 62.08 MOLFM: C2-H6-O2
SYN: ATHYLENGLYKOL (German) * 1,2-DIHYDROXYETHANE * 1,2-ETHANDIOL * 1,2-ETHANEDIOL * ETHANE-1,2-DIOL * ETHYLENE ALCOHOL * ETHYLENE DIHYDRATE * GLYCOL * GLYCOL ALCOHOL * LUTROL 9 * MACROGOL 400 BPC * M.E.G. * MONOETHYLENE GLYCOL * NCI-C00920 * NORKOOL * TESCOL * DOWTHERM SR-1 * UCAR 17
IRRITATION DATA AND REFERENCES:
eye-rat 12 mg/m3/3D TXAPA9 16,646,70
skn-rbt 555 mg open MLD UCDS** 7/21/65
eye-rbt 100 mg 1H MLD NTIS** LMF-84
eye-rbt 12 mg/m3/3D TXAPA9 16,646,70
eye-rbt 1440 mg/6H MOD BUYRAI 31,25,77
MUTATION DATA AND REFERENCES:
dni-hmn:lym 320 mmol/L PNASA6 79,1171,82
msc-mus:lym 100 mmol/L PAACA3 21,74,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:10 gm/kg (6-15D preg) DCTODJ 6,579,83
2T43T46 orl-rat TDLo:12500 mg/kg (6-15D preg) TJADAB 29(2),52A,84
2T43T46 orl-mus TDLo:7500 mg/kg (6-15D preg) TJADAB 29(2),52A,84
3T72T81T91 orl-mus TDLo:84 gm/kg (1-21D preg; 21D post) TOXID9 4,136,84
TOXICITY DATA AND REFERENCES:
3F01J26M30 orl-chd TDLo:5500 mg/kg PGMJAO 52,598,76
orl-hmn LDLo:786 mg/kg EJTXAZ 9,373,76
3D17J21J30 ihl-hmn TCLo:10000 mg/m3 AGGHAR 5,1,33
unk-man LDLo:1637 mg/kg 85DCAI 2,73,70
° orl-rat LD50:4700 mg/kg GTPZAB 26(6),28,82
° ipr-rat LD50:5010 mg/kg KRKRDT 9,36,81
° ivn-rat LD50:3260 mg/kg KRKRDT 9,36,81
ims-rat LD50:3300 mg/kg JPETAB 41,387,31
orl-mus LD50:7500 mg/kg JPETAB 65,89,39
3J16M04P27 ipr-mus LD50:5614 mg/kg FEPRA7 6,342,47
scu-mus LDLo:2700 mg/kg BJIMAG 1,207,44
ivn-mus LD50:3000 mg/kg JPETAB 65,89,39
orl-cat LDLo:2 gm/kg JIHTAB 21,173,39
scu-cat LDLo:2000 mg/kg AGGHAR 5,1,33
skn-rbt LD50:19500 mg/kg NPIRI* 1,49,74
ipr-rbt LDLo:1000 mg/kg PCOC** -,502,66
ivn-rbt LDLo:5 gm/kg JPETAB 41,387,31
ims-rbt LDLo:5500 mg/kg JPETAB 41,387,31
orl-gpg LD50:6610 mg/kg JIHTAB 23,259,41
scu-gpg LDLo:5000 mg/kg AIPTAK 51,398,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65
★ TLV-CL 50 ppm (vapor) DTLVS* 4,182,80
STATUS:
NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5500
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENE GLYCOL ACETATE see: KW4025000
ETHYLENE GLYCOL ACETATE see: KW7175000
ETHYLENE GLYCOL, ACRYLATE see: AT1750000
ETHYLENE GLYCOL, BIS(BROMOACETATE) see: AF5960000
ETHYLENE GLYCOL BIS(CHLOROMETHYL)ETHER see: KH5450000
ETHYLENE GLYCOL-BIS-(2-HYDROXYETHYL ETHER) see: YE4550000
ETHYLENE GLYCOL BIS(METHACRYLATE) see: OZ4400000

KW3730000 ETHYLENE GLYCOL, BIS(TRICHLOROACETATE)
UPDT:8309 CAS: 2514-51-6 MW: 352.80 MOLFM: C6-H4-Cl6-O4
SYN: ACETIC ACID, TRICHLORO-, ETHYLENE ESTER (2:1) * EGT * GLYTAC
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:7000 mg/kg FMCHA2 -,C117,83

ETHYLENE GLYCOL n-BUTYL ETHER see: KJ8575000
ETHYLENE GLYCOL CARBONATE see: FF9550000
ETHYLENE GLYCOL, CHLOROHYDRIN see: KK0875000
ETHYLENE GLYCOL, CYCLIC CARBONATE see: FF9550000
ETHYLENE GLYCOL, CYCLIC SULFATE see: JH4800000

KW3900000 ETHYLENE GLYCOL, CYCLIC SULFITE
UPDT:8401 CAS: 3741-38-6 MW: 108.12 MOLFM: C2-H4-O3-S
SYN: CYCLIC ETHYLENE SULFITE * 1,3,2-DIOXATHIOLANE, 2-OXIDE (9CI) * ETHYLENE SULFITE * 1,2-ETHYLENE SULFITE * GLYCOL SULFITE
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:768 mg/kg/64W-I JNCIAM 53,695,74
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:250 mg/kg CBCCT* 5,341,53
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KW4025000 ETHYLENE GLYCOL, DIACETATE
UPDT:8403 CAS: 111-55-7 MW: 146.16 MOLFM: C6-H10-O4
SYN: 1,2-ETHANEDIOL DIACETATE * ETHYLENE ACETATE * ETHYLENE GLYCOL ACETATE * GLYCOL DIACETATE
IRRITATION DATA AND REFERENCES:
eye-rbt 555 mg AJOPAA 29,1363,46

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:6850 mg/kg — UCDS** 6/6/69
ipr-mus LD50:1070 mg/kg — JPETAB 90,338,47
skn-rbt LD50:8480 mg/kg — UCDS** 6/6/69
orl-gpg LD50:4940 mg/kg — JIHTAB 23,259,41

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHYLENE GLYCOL DIACRYLATE see: AT0350000
ETHYLENE GLYCOL, DIBUTOXYTETRA see: SB0300000
ETHYLENE GLYCOL DIBUTYL see: KH9450000
ETHYLENE GLYCOL DIETHYL ETHER see: KI1225000
ETHYLENE GLYCOL DIETHYL ETHER (DOT) see: KI1225000
ETHYLENE GLYCOL DIHYDROXYDIETHYL ETHER see: YE4550000
ETHYLENE GLYCOL DIMETHACRYLATE see: OZ4400000

KW5540000 ETHYLENE GLYCOL, DIMETHANESULFONATE

UPDT:8411 CAS: 4672-49-5 MW: 218.26 MOLFM: C4-H10-O6-S2
SYN: 1,2-BIS(MESYLOXY)ETHANE * 1,2-ETHANEDIOL DIMETHANESULFONATE (9CI) * 1,2-ETHANEDIYL DIMETHANESULFONATE * ETHYLENE BIS(METHANESULFONATE) * ETHYLENE DIMETHANESULFONATE * ETHYLENE DIMETHANESULPHONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:250 mg/kg (10D male) — 85GUAJ -,55,66
1T23 ipr-rat TDLo:50 mg/kg (1D male) — 15QWAW -,62,65
1T23 par-rat TDLo:75 mg/kg (1D male) — BCSTB5 1,523,73

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:150 mg/kg — BJPCAL 24,24,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENE GLYCOL DIMETHYL ETHER see: KI1451000

KW5600000 ETHYLENE GLYCOL, DINITRATE

UPDT:8404 CAS: 628-96-6 MW: 152.08 MOLFM: C2-H4-N2-O6
SYN: DINITROGLICOL (Italian) * DINITROGLYCOL * EGDN * ETHANEDIOL DINITRATE * ETHYLENE DINITRATE * ETHYLENE GLYCOL DINITRATE (DOT) * ETHYLENE NITRATE * ETHYLENGLYKOLDINITRAT (Czech) * GLYCOLDINITRAAT (Dutch) * GLYCOL DINITRATE * GLYCOL (DINITRATE DE) (French) * GLYKOLDINITRAT (German) * NITROGLYCOL * NITROGLYKOL (Czech)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:616 mg/kg — 2BZPAK -,48,72
scu-cat LDLo:50 mg/kg — AEPPAE 200,271,42
scu-rbt LDLo:300 mg/kg — AEPPAE 200,271,42

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NTIS** AD-778,725; AJMEAZ 38,409,65
★ TLV-TWA 50 ppb; STEL 100 ppb (skin) — DTLWS* 4,184,81

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Ceil 1 mg/m3 (skin) (SCP-P) — FEREAC 39,23540,74
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITROGLYCERIN OR EGDN recm std-air:CL 0.1 mg/m3/20M — NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 2507
REPORTED IN EPA TSCA INVENTORY, 1983

ETHYLENE GLYCOL DINITRATE (DOT) see: KW5600000
ETHYLENE GLYCOL DINITRATE mixed with NITROGLYCERIN (1:1) see: QX2275000
ETHYLENE GLYCOL, DIPROPIONATE (8CI) see: GP9625000
ETHYLENE GLYCOL ETHYL ETHER see: KK8050000
ETHYLENE GLYCOL ETHYL ETHER ACETATE see: KK8225000
ETHYLENE GLYCOL FORMAL see: JH6760000
ETHYLENE GLYCOL ISOPROPYL ETHER see: KL5075000
ETHYLENE GLYCOL, MALEATE see: ON3150000
ETHYLENE GLYCOL METHACRYLATE see: OZ4725000
ETHYLENE GLYCOL METHYL ETHER see: KL5775000
ETHYLENE GLYCOL METHYL ETHER ACETATE see: KL5950000

KW7175000 ETHYLENE GLYCOL, MONOACETATE

UPDT:8405 CAS: 542-59-6 MW: 104.11 MOLFM: C4-H8-O3
SYN: 1,2-ETHANEDIOL MONOACETATE * ETHYLENE GLYCOL ACETATE * GLYCOL MONOACETATE * 2-HYDROXYETHYL ACETATE * GLYCOL MONOACETIN

IRRITATION DATA AND REFERENCES:
eye-rbt 22 mg — AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
2F07K30 orl-rat LD50:8250 mg/kg — JIHTAB 23,259,41
ipr-mus LD50:1310 mg/kg — JPETAB 90,338,47
orl-gpg LD50:3800 mg/kg — JIHTAB 23,259,41

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ETHYLENE GLYCOL, MONOACRYLATE see: AT1750000
ETHYLENE GLYCOL, MONOBUTYL ETHER see: KJ8575000
ETHYLENE GLYCOL MONO-sec-BUTYL ETHER see: KJ8660000
ETHYLENE GLYCOL MONOBUTYL ETHER (DOT) see: KJ8575000
ETHYLENE GLYCOL MONOETHYL ETHER see: KK8050000
ETHYLENE GLYCOL MONOETHYL ETHER ACETATE see: KK8225000
ETHYLENE GLYCOL MONOETHYL ETHER ACETATE (DOT) see: KK8225000
ETHYLENE GLYCOL MONOETHYL ETHER ACRYLATE see: AS9800000
ETHYLENE GLYCOL MONOETHYL ETHER (DOT) see: KK8050000
ETHYLENE GLYCOL MONOETHYL ETHER PROPENOATE see: AS9800000
ETHYLENE GLYCOL, MONO-2,4-HEXADIENE ETHER see: KL2275000
ETHYLENE GLYCOL, MONO(HYDROGEN MALEATE) see: ON3150000
ETHYLENE GLYCOL, MONOISOBUTYL ETHER see: KL3850000
ETHYLENE GLYCOL, MONOISOPROPYL ETHER see: KL5075000
ETHYLENE GLYCOL, MONOMETHACRYLATE see: OZ4725000
ETHYLENE GLYCOL, MONOMETHYL ETHER see: KL5775000
ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE see: KL5950000
ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE (DOT) see: KL5950000
ETHYLENE GLYCOL MONOMETHYL ETHER (DOT) see: KL5775000
ETHYLENEGLYCOL MONO-2-METHYLPENTYL ESTER see: KL7640000
ETHYLENE GLYCOL MONOMETHYLPENTYL ETHER see: KL7640000
ETHYLENE GLYCOL MONOPHENYL ETHER see: KM0350000
ETHYLENEGLYCOL MONOPHENYL ETHER PROPIONATE see: KM0900000
ETHYLENE GLYCOL MONO PROPYL ETHER see: KM2800000
ETHYLENE GLYCOL MONO-n-PRUPYL ETHER see: KM2800000
ETHYLENE GLYCOL, MONOSTEARATE see: WI4100000
ETHYLENE GLYCOL, MONOTHIO- see: KL5600000
ETHYLENEGLYCOLMONO-2,6,8-TRIMETHYL-4-NONYL ETHER see: KL4550000
ETHYLENE GLYCOL PHENYL ETHER see: KM0350000
ETHYLENE GLYCOL STEARATE see: WI4100000
ETHYLENE HEXACHLORIDE see: KI4025000
ETHYLENE HOMOPOLYMER see: TQ3325000
ETHYLENEIMINE see: KX5075000
ETHYLENE IMINE, inhibited (DOT) see: KX5075000
2,4-ETHYLENEIMINO-6-METHOXY-1,3,5-TRIAZINE see: XY3322500
2,4-ETHYLENEIMINO-6-METHYL-1,3,5-TRIAZINE see: XY3322600
2,6-ETHYLENEIMINO-6-PHENYL-1,3,5-TRIAZINE see: XY3322800
2-ETHYLENEIMINO-5,6,7,8-TETRAHYDRONAPHTHOQUINONE-1,4 see: QL7355000
2,4-ETHYLENEIMINO-6-p-TOLYL-1,3,5-TRIAZINE see: XY3324000
ETHYLENE IODOHYDRIN see: KL3820000
ETHYLENE METHACRYLATE see: OZ4400000
ETHYLENE MONOCHLORIDE see: KU9625000
ETHYLENE NITRATE see: KW5600000

KX2150000 ETHYLENE, NITRO-, POLYMERS

UPDT:8308 MOLFM: (C2-H3-N-O2)n
SYN: NITROETHYLENE POLYMER (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

KX2450000 ETHYLENE OXIDE

UPDT:8412 CAS: 75-21-8 MW: 44.06 MOLFM: C2-H4-O
SYN: AETHYLENOXID (German) * ANPROLENE * DIHYDROOXIRENE * DIMETHYLENE OXIDE * E.O. * 1,2-EPOXYAETHAN (German) * EPOXYETHANE (French) * 1,2-EPOXYETHANE * ETHYLEENOXIDE (Dutch) * ETHYLENE OXIDE (DOT) * ETHYLENE OXIDE, containing not more than 0.2% of nitrogen (DOT) * ETHYLENE (OXYDE D') (French) * ETILENE (OSSIDO DI) (Italian) * ETO * ETYLENU TLENEK (Polish) * MERPOL * NCI-C50088 * OXACYCLOPROPANE * OXANE * OXIDOETHANE * alpha,beta-OXIDOETHANE * OXIRAAN (Dutch) * OZIRAN * OXIRANE * OXIRENE, DIHYDRO- * RCRA WASTE NUMBER U115 * UN 1040 (DOT)

IRRITATION DATA AND REFERENCES:
skn-hmn 1%/7S — AMIHBC 2,549,50
eye-rbt 18 mg/6H MOD — BUYRAI 31,25,77

MUTATION DATA AND REFERENCES:
mmo-sat 40 umol/plate — FCTXAV 18,1115,80
mmo-esc 3500 umol/10H — MUREAV 24,83,74
mmo-omi 540 mg/L — 47YKAF 8,273,84
cyt-dmg-par 55 mmol/L — ZEVBA5 92,457,61
sln-dmg-par 55 mmol/L — ZEVBA5 92,457,61
mmo-nsc 140 mmol/L/10M — MGGEAE 101,185,68
dns-hmn:leu 4 mmol/L — CBINA8 47,265,83
sce-hmn-ihl 36 ppm/22W — ENMUDM 1,375,79
sce-hmn:fbr 36 ppm/24H — ZHPMAT 170,548,80
sce-hmn:lym 10 mg/L — PHMGBN 25,214,82
mnt-rat-ivn 200 mg/kg — APTOA6 43,69,78
cyt-rat:bmr 30 ug/L/2D — TNICS* 13,47,73
cyt-rat-ihl 1 ug/L/17W — TPKVAL 13,51,73
cyt-rat-orl 9 mg/kg — TPKVAL 12,72,71
sce-rat-ihl 50 ppm/24H-I — MUREAV 120,37,83
sce-rat-ihl 50 ppm/3D-I — ENMUDM 5,400,83
dlt-rat-ihl 1000 ppm/4H — TXAPA9 40,261,77
dlt-rat-scu 40 mg/kg — GISAAA 48(1),23,83
mnt-mus-ipr 150 mg/kg — MUREAV 75,191,80
mnt-mus-ivn 200 mg/kg — APTOA6 43,69,78
dns-mus-ihl 300 ppm — ENMUDM 1,166,79
dlt-mus-ihl 500 ppm/80H-I — ENMUDM 1,166,79
dlt-mus-ipr 150 mg/kg — ENMUDM 2,252,80
msc-mus:lym 5 umol/L — PAACA3 21,74,80
trn-mus-ipr 30 mg/kg/25D-I — ENMUDM 2,252,80
msc-ham:ovr 5 mg/L/1H — JTEHD6 12,27,83
sce-rbt-ihl 50 ppm/12W-I — ENMUDM 4,121,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ihl-rat TCLo:100 ppm/6H (6-15D preg) — TXAPA9 48,A84,79
1T72 ihl-rat TCLo:100 ppm/6H (male/60D pre/1-19D preg) — TXAPA9 48,A84,79
2T02T24 ihl-rat TCLo:3600 ug/m3/24H (60D male) — TPKVAL 14,11,75
2T24T72 ihl-rat TCLo:100 ppm/6H (12W pre-21D preg) — TXAPA9 63,382,82
3T34T43T46 ihl-rat TCLo:150 ppm/7H (7-16D preg) — NTIS** PB83-258038
1T35 ihl-mus TCLo:255 ppm/6H (10D male) — MUREAV 119,377,83
2T72T91 ipr-mus TDLo:750 mg/kg (25D male) — MUREAV 73,133,80
1T35 ipr-mus TDLo:150 mg/kg (1D male) — MUREAV 73,133,80
1T25 ivn-mus TDLo:225 mg/kg (10-12D preg) — TJADAB 19,34A,79
1T46 ivn-mus TDLo:450 mg/kg (8-10D preg) — TJADAB 19,34A,79
2T26T34 ivn-mus TDLo:450 mg/kg (10-12D preg) — TXAPA9 56,16,80
1T25 ivn-rbt TDLo:324 mg/kg (6-14D preg) — NTIS** PB83-242016

TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:1186 mg/kg/2Y-I — BJCAAI 46,924,82
3V01P62V10 scu-mus TDLo:292 mg/kg/95W-I — ZHPMAT 174,383,81
3V02P62V10 scu-mus TD :1090 mg/kg/91W-I — BJCAAI 39,588,79
3V01P62V10 scu-mus TD :908 mg/kg-95W-I — ZHPMAT 174,383,81
3V01P62V10 scu-mus TD :2576 mg/kg/95W-I — ZHPMAT 174,383,81
3V01K60L60 orl-rat TD :5112 mg/kg/2Y-I — BJCAAI 46,924,82

TOXICITY DATA AND REFERENCES:
1D07 ihl-hmn TCLo:12500 ppm/10S — JOHYAY 32,409,32
3F12K13J30 ihl-wmn TCLo:500 ppm/2M — DICPBB 15,384,81
orl-rat LD50:72 mg/kg — SPEADM 74-1,-,74
ihl-rat LC50:1460 ppm/4H — AMIHAB 13,237,56
* scu-rat LD50:187 mg/kg — GISAAA 48(1),23,83
* ihl-mus LC50:836 ppm/4H — NTIS** PB214-270
* ipr-mus LD50:175 mg/kg — GISAAA 48(1),23,83
ivn-mus LD50:290 mg/kg — APTOA6 43,69,78
3D17K13K12 ihl-dog LC50:960 ppm/4H — AMIHAB 13,237,56
ivn-rbt LDLo:175 mg/kg — JOHYAY 32,409,32
* ihl-gpg LC50:1500 mg/m3/4H — 85GMAT -,67,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JOCMA7 15(10),808,73; CMTVAS 10(3),49,73; AEHLAU 8,700,64
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 11,157,76
★ TLV-TWA 1 ppm — DTLWS* 4,185,82
★ TLV-SUSPECTED CARCINOGEN — DTLWS* 4,185,82

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm (SCP-T) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE GAS; LABEL:POISON GAS AND FLAMMABLE GAS — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO OXIRANE recm std-air:TWA 0.1 ppm; CL 5 ppm/10M/D

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 5286
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 35, MAY 1981
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0882-0453,8EHQ-0979-0305,8EHQ-1078-0248
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

KX2625000 ETHYLENE OXIDE, mixed with CARBON DIOXIDE
DEF:Contains less than 10% CARBON DIOXIDE (NTIS** PB225-283)
UPDT:8403
SYN: ANHYDRIDE CARBONIQUE ET OXYDE D'ETHYLENE MELANGES (French) * CARBON DIOXIDE and ETHYLENE OXIDE mixtures, with more than 6% ETHYLENE OXIDE (DOT) * ETHYLENE OXIDE and CARBON DIOXIDE, mixtures contain not more than 10% carbon dioxide (DOT) * OXYFUME 20 * OXYFUME 30 * UN 1041 (DOT)

TOXICITY DATA AND REFERENCES:

	ihl-mus LC50:836 ppm/4H	NTIS** PB214-270
	ihl-dog LC50:973 ppm/4H	NTIS** PB214-270
	ihl-gpg LCLo:7000 ppm/150M	PHRPA6 45,1832,30

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS — CFRGBR 49,172.102,83

KX2650000 ETHYLENE OXIDE, mixed with CARBON DIOXIDE, with not more than 6% ETHYLENE OXIDE
UPDT:8312
SYN: CARBON DIOXIDE and ETHYLENE OXIDE mixtures, with not more than 6% ETHYLENE OXIDE (DOT) * ETHYLENE OXIDE and CARBON DIOXIDE, mixtures (DOT) * UN 1952 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON A; LABEL:POISON GAS — CFRGBR 49,172.102,83

ETHYLENE OXIDE and CARBON DIOXIDE, mixtures (DOT) see: KX2650000
ETHYLENE OXIDE and CARBON DIOXIDE, mixtures contain not more than 10% carbon dioxide (DOT) see: KX2625000
ETHYLENE OXIDE CYCLIC TETRAMER see: XF0550000
ETHYLENE OXIDE (DOT) see: KX2450000
ETHYLENE OXIDE, containing not more than 0.2% of nitrogen (DOT) see: KX2450000
ETHYLENE OXIDE, ETHYL- see: EK3675000
ETHYLENE OXIDE, METHYL- see: TZ2975000

KX2850000 ETHYLENE OXIDE mixed with PROPYLENE OXIDE, not more than 30% ETHYLENE OXIDE
UPDT:8403
SYN: ETHYLENE OXIDE and PROPYLENE OXIDE MIXTURES, not more than 30% ETHYLENE OXIDE (DOT) * UN 2983 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON — CFRGBR 49,172.102,83

ETHYLENE OXIDE and PROPYLENE OXIDE MIXTURES, not more than 30% ETHYLENE OXIDE (DOT) see: KX2850000
ETHYLENE (OXYDE D') (French) see: KX2450000
1-ETHYLENE-3,4-EPOXYCYCLOHEXANE see: RN8640000
ETHYLENE, PHENYL- see: WL3675000
1,4-ETHYLENEPIPERAZINE see: HA0354200
ETHYLENE POLYMER see: TQ3325000
ETHYLENE POLYMERS (BCI) see: TQ3325000
ETHYLENE PROPIONATE see: GP9625000
ETHYLENE SULFATE see: JH4800000

KX3500000 ETHYLENE SULFIDE
UPDT:8401 CAS: 420-12-2 MW: 60.12 MOLFM: C2-H4-S
SYN: AETHYLENSULFID (German) * 2,3-DIHYDROTHIIRENE * ETHYLENE EPISULFIDE * ETHYLENE EPISULPHIDE * ETHYLENE SULPHIDE * THIACYCLOPROPANE * THIIRANE * THIIRENE, 2,3-DIHYDRO-

IRRITATION DATA AND REFERENCES:

	eye-rbt 20 mg	AJOPAA 29,1363,46

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:400 mg/kg/50W-I	ZEKBAI 74,241,70

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:178 mg/kg	AIHAAP 25,560,64
	ihl-rat LC50:690 ppm/6H	BECTA6 6,509,71
	ipr-rat LD50:42 mg/kg	AIHAAP 25,560,64
	scu-rat LD50:90 mg/kg	ZEKBAI 74,241,70

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 11,257,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENE SULFITE see: KW3900000
1,2-ETHYLENE SULFITE see: KW3900000
ETHYLENE SULPHIDE see: KX3500000
ETHYLENE TEREPHTHALATE POLYMER see: TR2725000
ETHYLENE TETRACHLORIDE see: KX3850000

KX3850000 ETHYLENE, TETRACHLORO-
UPDT:8412 CAS: 127-18-4 MW: 165.82 MOLFM: C2-Cl4
SYN: ANKILOSTIN * ANTISOL 1 * CARBON BICHLORIDE * CARBON DICHLORIDE * CZTEROCHLOROETYLEN (Polish) * DIDAKENE * DOW-PER * ENT 1,880 * ETHENE, TETRACHLORO- * ETHYLENE TETRACHLORIDE * FEDAL-UN * NCI-C04580 * NEMA * PER * PERAWIN * PERC * PERCHLOORETHYLEEN, PER (Dutch) * PERCHLOR * PERCHLORAETHYLEN, PER (German) * PERCHLORETHYLENE * PERCHLORETHYLENE, PER (French) * PERCHLOROETHYLENE * PERCHLOROETHYLENE (DOT) * PERCLENE * PERCLENE D * PERCLOROETILENE (Italian) * PERCOSOLVE * PERK * PERKLONE * PERSEC * RCRA WASTE NUMBER U210 * TETLEN * TETRACAP * TETRACHLOORETHEEN (Dutch) * TETRACHLORAETHEN (German) * TETRACHLORETHYLENE * TETRACHLOROETHENE * TETRACHLOROETHYLENE * 1,1,2,2-TETRACHLOROETHYLENE * TETRACHLOROETHYLENE (DOT) * TETRACLOROETENE (Italian) * TETRALENO * TETRALEX * TETRAVEC * TETROGUER * TETROPIL * UN 1897 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 810 mg/24H SEV	EJTXAZ 9,171,76
	eye-rbt 162 mg MLD	EJTXAZ 9,171,76

MUTATION DATA AND REFERENCES:

	mma-sat 50 uL/plate	NIOSH* 5AUG77
	mma-sat 200 uL/plate	NIOSH* 5AUG77
	dns-hmn:lng 100 mg/L	NTIS** PB82-185075
	otr-rat:emb 97 umol/L	ITCSAF 14,290,78
	cyt-rat-ihl 500 ppm	NTIS** PB82-185075
	hma-mus/sat 100 ppm	NTIS** PB82-185075
	spm-mus-ihl 500 ppm	NTIS** PB82-185075

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	ihl-rat TCLo:1000 ppm/24H (14D pre/1-22D preg)	APTOD9 19,A21,80
1T34	ihl-rat TCLo:1000 ppm/24H (1-22D preg)	APTOD9 19,A21,80
3T72T83T85	ihl-rat TCLo:900 ppm/7H (7-13D preg)	TJADAB 19,41A,79
1T25	ihl-rat TCLo:300 ppm/7H (6-15D preg)	TXAPA9 32,84,75
3T34T46T55	ihl-mus TCLo:300 ppm/7H (6-15D preg)	TXAPA9 32,84,75
1T01	ihl-mus TCLo:500 ppm/7H (5D male)	NTIS** PB82-185075

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-mus TuLo:195 gm/kg/50W-I	NCITR* NCI-CG-TR-13,77
2V01L60	orl-mus TD :240 gm/kg/62W-I	NCITR* NCI-CG-TR-13,77

TOXICITY DATA AND REFERENCES:

3C17D25F08	ihl-hmn TCLo:96 ppm/7H	NTIS** PB257-185
2D25F01	ihl-man TCLo:280 ppm/2H	AMIHBC 5,566,52
2F24J30	ihl-man LDLo:2857 mg/kg	MLDCAS 5,152,72
2D25F01	ihl-man TCLo:600 ppm/10M	AMIHBC 5,566,52
	orl-rat LD50:8850 mg/kg	NPIRI* 1,96,74
	ihl-rat LCLo:4000 ppm/4H	JOCMA7 4,262,62
	orl-mus LD50:8100 mg/kg	NTIS** PB257-185
	ihl-mus LCLo:23000 mg/m3/2H	AHBAAM 116,131,36
	ipr-mus LD50:4700 mg/kg	NTIS** PB257-185
	orl-dog LDLo:4000 mg/kg	AJHYA2 9,430,29
	ipr-dog LD50:2100 mg/kg	TXAPA9 10,119,67
	ivn-dog LDLo:85 mg/kg	QJPPAL 7,205,34
	orl-cat LDLo:4000 mg/kg	AJHYA2 9,430,29
	orl-rbt LDLo:5000 mg/kg	AJHYA2 9,430,29
	scu-rbt LDLo:2200 mg/kg	QJPPAL 7,205,34

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AJMEAZ 38,409,65
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 20,491,79
★ TLV-TWA 50 ppm; STEL 200 ppm — DTLWS* 4,325,82

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 100 ppm;Cl 200;Pk 300/5M/3H (SCP-J) — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO TETRACHLOROETHYLENE recm std-air:TWA 50 ppm;Cl 100 ppm/15M — NTIS**

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-13,77)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-13,77)
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S335
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 20, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(a) STATUS REPORT 8EHQ-0979-0310;8EHQ-0680-0345;8EHQ-0578-0146
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KX4000000 ETHYLENE, TETRAFLUORO-
UPDT:8412 CAS: 116-14-3 MW: 100.02 MOLFM: C2-F4
SYN: FLUOROPLAST 4 * PERFLUOROETHENE * PERFLUOROETHYLENE * TETRAFLUORETHYLENE * TETRAFLUOROETHENE (9CI) * TETRAFLUOROETHYLENE * TETRAFLUOROETHYLENE, inhibited (DOT) * UN 1081 (DOT)

TOXICITY DATA AND REFERENCES:

	ihl-rat LC50:40000 ppm/4H	JOCMA7 4,262,62
3F07L30M30	ihl-mus LC50:136 gm/kg	GTPZAB 21(5),36,77
3F07L30M30	ihl-gpg LC50:110 gm/kg	GTPZAB 21(5),36,77

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS — CFRGBR 49,172.101,82

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE

KX4025000 ETHYLENE, TETRAFLUORO-, POLYMER
UPDT:8401 CAS: 9002-84-0 MOLFM: (C2-F4)n
SYN: AFLON * ALGLOFLON * ALGOFLON SV * ALKATHENE RADG33 * AM-P 15M * BALFON 7000 * BDH 29-801 * CHROMOSORB T * DIXON 164 * DLX-6000 * DUROID 5870 * EK 1108GY-A * ETHENE, TETRAFLURO-, HOMOPOLYMER * ETHICON PTFE * F 103 * F8F 74D * F 4K20 * FLUO-KEM * FLUON * FLUON CD 1 * FLUON CD 023 * FLUON CD 042 * FLUON G4 * FLUON G163 * FLUON G201 * FLUON GPI * FLUON L 169 * FLUON L 170 * FLUON L 171 * FLUON L 169B * FLUOROFLEX * FLUOROLON 4 * FLUOROPAK 80 * FLUOROPLAST 4 * FLUOROPLAST 4B * FLUOROPLAST 4D * FLUOROPLAST 4M * FLUOROPORE FP 120 * F 4MB * FN 3 * FT-4 * FTORLON 4 * FTORLON F-4MB * FTORLON 4M * FTOROPLAST 4 * FTOROPLAST 4B * FTOROPLAST 4D * FTOROPLAST F-4 * FTOROPLAST FBF 74D * FTOROPLAST F 4MB * FTOROPLAST 4K20 * FTOROPLAST 4M * F 4Zh20 * G 163 * GORE-TEX * HALON G 80 * HALON G 183 * HALON G 700 * HALON TFEG 180 * HEYDEFLON * HOSTAFLON * HOSTAFLON TF * HOSTAFLON TF 2026 * HOSTAFLON TF 2053 * L 169 * MOLYKOTE 522 * POLIFEN * POLITEF * POLYETHYLENE TETRAFLUORIDE) * POLYFENE * POLYFLON * POLYFLON D1 * POLYFLON EK 4108GY * POLYFLON EK 1108GY-A * POLYFLON F 103 * POLYFLON M12 * POLYFLON M21 * POLYFLON M12A * POLYTEF * POLYTETRAFLUOROETHENE * POLYTETRAFLUOROETHYLENE * PTFE * PTFE-GM3 * SOREFLON 604 * SOREFLON 5A * T 8A * TAPFLEN * T 5B * TE 30 * TEFLON * TEFLON 5 * TEFLON 6 * TEFLON 30 * TEFLON 110 * TEFLON 6C * TEFLON K * TEFLON 15 * TEFLON T 6 * TEFLON T 30 * TEFLON TFE * TETRAFLUOROETHENE HOMOPOLYMER (9CI) * TETRAFLUOROETHENE POLYMER * TETRAFLUOROETHYLENE HOMOPOLYMER * TETRAFLUOROETHYLENE POLYMERS * TETRAN 30 * TETRAN PTFE * TL 102 * TL 115 * TL 125 * TL 126 * TL-R * TL-V * UNION P * VALFLON * VELFLON * ZITEX H 662-124 * ZITEX K 223-122

TUMORIGENIC DATA AND REFERENCES:

2V03V10	imp-rat TDLo:80 mg/kg	CNREA8 15,333,55
2V03V10	imp-mus TDLo:1140 mg/kg	TUMOAB 62,565,76

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ANAEA3 35,165,75; JOCMA7 15(10),808,73; CMTVAS 10(3),49,73; SMJOAV 67,1459,74; ETOXAC 6,1,75; ACEDAB 75,296,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 19,285,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE — IARC** 19,285,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KX4026000 ETHYLENE, TETRAFLUORO-, POLYMER, pyrolysate
UPDT:8402
SYN: POLYTETRAFLUOROETHYLENE, pyrolysate * PTFE

TOXICITY DATA AND REFERENCES:

3D25P07J22	ihl-rat LC50:45 mg/m3/30M	TXCYAC 26,25,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENETHIOCARBAMYL SULFIDE see: NI2935500
ETHYLENE THIOUREA see: NI9625000
N,N'-ETHYLENETHIOUREA see: NI9625000
1,3-ETHYLENE-2-THIOUREA see: NI9625000
ETHYLENETHIOUREA mixed with SODIUM NITRITE see: NJ0540000
ETHYLENE THIURAM MONOSULFIDE see: NI2935500
ETHYLENE THIURAM MONOSULPHIDE see: NI2935500
ETHYLENETHIURAM SULFIDE see: NI2935500
ETHYLENE TRICHLORIDE see: KX4550000

KX4550000 ETHYLENE, TRICHLORO-
UPDT:8412 CAS: 79-01-6 MW: 131.38 MOLFM: C2-H-Cl3

BEST COPY AVAILABLE

SYN: ACETYLENE TRICHLORIDE * ALGYLEN * ANAMENTH * BENZINOL * BLACOSOLV * BLANCOSOLV * CECOLENE * CHLORILEN * 1-CHLORO-2,2-DICHLOROETHYLENE * CHLORYLEA * CHLORYLEN * CHORYLEN * CIRCOSOLV * CRAWHASPOL * DENSINFLUAT * 1,1-DICHLORO-2-CHLOROETHYLENE * DOW TRI * DUKERON * ETHINYL TRICHLORIDE * ETHYLENE TRICHLORIDE * FLECK-FLIP * FLOCK FLIP * FLUATE * GEMALGENE * GERMALGENE * LANADIN * LETHURIN * NARCOGEN * NARKOGEN * NA-XOSOID * NCI-C04546 * NIALE * PERM-A-CHLOR * PERM-A-CLOR * PETZINOL * PHILEX * RCRA WASTE NUMBER U228 * TCE * THRETHYLEN * THRETHYLENE * TRETHYLENE * TRI * TRIAD * TRIAL * TRIASOL * TRICHLOORETHEEN (Dutch) * TRICHLOORETHYLEEN, TRI (Dutch) * TRICHLORAETHEN (German) * TRICHLORAETHYLEN, TRI (German) * TRICHLORAN * TRICHLOREN * TRICHLORETHENE (French) * TRICHLORETHYLENE * TRICHLORETHYLENE, TRI (French) * TRICHLOROETHENE * TRICHLOROETHYLENE * 1,1,2-TRICHLOROETHYLENE * 1,2,2-TRICHLOROETHYLENE * TRICHLOROETHYLENE (DOT) * TRI-CLENE * TRICLORETENE (Italian) * TRICLOROETILENE (Italian) * TRIELENE * TRIELIN * TRIELINA (Italian) * TRIKLONE * TRILEN * TRILENE * TRILINE * TRIWAR * TRIOL * TRI-PLUS * TRI-PLUS M * UN 1710 (DOT) * VESTROL * VITRAN * WESTROSOL

IRRITATION DATA AND REFERENCES:

	eye-hmn 5 ppm	JOCMA7 2,383.60
	skn-rbt 500 mg/24H SEV	28ZPAK -,28,72
	eye-rbt 20 mg/24H SEV	28ZPAK -,28,72

MUTATION DATA AND REFERENCES:

	mmo-sat 100 uL/plate	NIOSM* SAUG77
	mma-sat 5 pph/2H	ARTODN 41,249,79
	mma-esc 3300 umol/L	BCPCA6 24,2013,75
	mma-smc 10 gm/L	MUREAV 48,173,77
	dns-hmn:lng 100 mg/L	NTIS** PB82-185075
	dni-hmn:lym 5 mL/L	CALEDQ 13,213,81
	sce-hmn:lym 178 mg/L	AGTQAH 24,105,81
	otr-rat-emb 1100 umol/L	ITCSAF 14,290,78
	dnd-rat:lvr 100 umol/L	CNREA8 43,1145,83
	slt-mus-ipr 1 mmol/L	MUREAV 46,202,77
	dnd-mus:lvr 100 umol/L	CNREA8 43,1145,83
	dns-mus-orl 2500 mg/L	NTIS** AD-A080-636
	dns-mus:bmr 1 mmol/L	NTIS** AD-A080-636
	hma-mcs/smc 400 mg/kg	JEPTDQ 1(4),411,78
	spm-mus-ihl 100 ppm	NTIS** PB82-185075
	otr-ham-emb 5 mg/L	CRNGDP 4,291,83
	oms-ham-fbr 1 pph	ANESAV 43,21,75
	dnd-mam:lym 1 mmol/L	YOLED5 11,243,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T85	orl-rat TDLo:2688 mg/kg (1-22D preg./21D post)	TOXIDO 4,179,84
2T46T59	ihl-rat TCLo:1800 ppm/24H (1-20D preg)	APTOD9 19,A22,80
2T25T34	ihl-rat TCLo:100 ppm/4H (6-22D preg)	JPHYA7 276,24P,78
1T53	ihl-rat TCLo:1800 ppm/6H (1-20D preg)	TXCYAC 14,153,79
1T46	ihl-rat TCLo:100 ppm/4H (8-21D preg)	BJANAD 54,337,82
1T01	ihl-mus TCLo:100 ppm/7H (5D male)	NTIS** PB82-185075

TUMORIGENIC DATA AND REFERENCES:

3V03P62M61	ihl-rat TCLo:500 ppm/6H/77W-I	ARTODN 43,237,80
2V01L60	orl-mus TDLo:455 gm/kg/78W-I	NCITR* NCI-CG-TR-2,76
3V03J61P62	ihl-mus TCLo:100 ppm/6H/77W-I	ARTODN 43,237,80
3V03P62L60	ihl-ham TCLo:100 ppm/6H/77W-I	ARTODN 43,237,80
2V01L60	orl-mus TD :912 gm/kg/78W-I	NCITR* NCI-CG-TR-2,76
2V03P62	ihl-mus TC :500 ppm/6H/77W-I	ARTODN 43,237,80

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:7 gm/kg	ARTODN 35,295,76
2F07F08	ihl-hmn TCLo:6900 mg/m3/10M	AHBAAM 116,131,36
1F08	ihl-hmn TCLo:160 ppm/83M	AIHAAP 23,167,62
3F07K30L12	ihl-hmn TDLo:812 mg/kg	BMJOAE 2,689,45
2D35F08	ihl-man TCLo:110 ppm/8H	BJIMAG 28,293,71
	ihl-man LCLo:2900 ppm	NZMJAX 50,119,51
	orl-rat LD50:7193 mg/kg	AIHAAP 30,470,69
	ihl-rat LCLo:8000 ppm/4H	AIHAAP 30,470,69
3F05F19R21	orl-mus LD50:2402 mg/kg	NTIS** AD-A080-636
	ihl-mus LCLo:3000 ppm/2H	AEPPAE 141,19,29
	ipr-mus LD50:3000 mg/kg	EJTXAZ 7,247,74
	ivn-mus LD50:34 mg/kg	CBCCT* 6,141,54
	ipr-dog LD50:1900 mg/kg	TXAPA9 10,119,67
	scu-dog LDLo:150 mg/kg	HBTXAC 5,76,59
	ivn-dog LDLo:150 mg/kg	QJPPAL 7,205,34
	orl-cat LDLo:5864 mg/kg	HBTXAC 5,76,59
	ihl-cat LCLo:32500 mg/m3/2H	AHBAAM 116,131,36
	orl-rbt LDLo:7330 mg/kg	HBTXAC 5,76,59
	scu-rbt LDLo:1800 mg/kg	QJPPAL 7,205,34
	ihl-gpg LCLo:37200 ppm/40M	HBTXAC 5,76,59

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW; JTEHD6 2(3),671,77; CLPTAT 8,91,67; JOCMA7 16(3),194,74; JOCMA7 17(9),603,75; FNSCA6 2,67,73; BNYMAM 54,413,78

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 20,545,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 11,263,76
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE — IARC** 20,545,79
★ TLV-TWA 50 ppm; STEL 200 ppm — DTLWS* 4,407,82

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 100 ppm;CI 200;Pk 300/5M/2H (SCP-J) — FEREAC 39,23540,74
★ DOT-HAZARD-ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO-POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO TRICHLOROETHYLENE recm std-air:TWA 100 ppm;CL 150 ppm/10M — NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO WASTE ANESTHETIC GASES AND VAPORS recm std-air:CL 2ppm/1H — NTIS**

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-2,76)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-2,76)
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S336
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 2, 1975
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345;8EHQ-0982-0457;8EHQ-0979-0310; 8EHQ-0578-0146
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENE, TRIFLUOROCHLORO- see: KV0525000
ETHYLENE, TRIMETHYL- see: EM7650000

KX4920000 ETHYLENE, TRIPHENYL-

UPDT:8401 CAS: 58-72-0 MW: 256.36 MOLFM: C20-H16

SYN: TRIPHENYLETHYLENE * 1,1,2-TRIPHENYLETHYLENE

MUTATION DATA AND REFERENCES:

	cyt-hmn:lng 100 umol/L/8H	MUREAV 4,83,27

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	orl-rat TDLo:100 mg/kg (100 male)	AIPTAR 151,475,64
1T13	scu-rat TDLo:3 mg/kg (3D pre)	AIPTAR 151,475,64

TUMORIGENIC DATA AND REFERENCES:

2V03R60	scu-mus TDLo:3000 mg/kg/25W-I	JPBAA7 51,9,40
3V03R60T61	scu-mus TD :7200 mg/kg/36W-I	CNREA8 3,92,43
3V03R60T61	scu-mus TD :4800 mg/kg/40W-I	JPBAA7 56,15,44
2V03R60	scu-mus TD :3600 mg/kg/18W-I	NATUAS 142,836,38
2V03T61	scu-mus TD :4920 mg/kg/41W-I	JPBAA7 54,149,42

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ETHYLENE UNDECANE DICARBOXYLATE see: YQ1927500
ETHYLENE UREA see: NJ0570000
ETHYLENGLYKOLDINITRAT (Czech) see: KW5600000

KX5075000 ETHYLENIMINE

UPDT:8411 CAS: 151-56-4 MW: 43.08 MOLFM: C2-H5-N

SYN: AETHYLENIMIN (German) * AMINOETHYLENE * AZACYCLOPROPANE * AZIRANE * AZIRIDIN (German) * AZIRIDINE * 1H-AZIRINE, DIHYDRO * DIHYDROAZIRENE * DIHYDRO-1H-AZIRINE * DIMETHYLENEIMINE * DIMETHYLENIMINE * EI * ENT-50324 * ETHYLEENIMIINE (Dutch) * ETHYLEENIMIINE * ETHYLENE IMINE unlabeled (DOT) * ETHYLIMINE * ETILENIMINA (Italian) * RCRA WASTE NUMBER P054 * TL 337 * UN 1185 (DOT)

IRRITATION DATA AND REFERENCES:

	eye-mus 2 ppm/1M	JIHTAB 30,7,48
	skn-rbt 10 mg/24H open	JIHTAB 30,63,48
	eye-rbt 2 mg SEV	AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:

	mma-sat 1 pph	AGACBH 4,286,74
	mma-sat 10 ug/plate	PNASA6 72,5135,75
	dnr-sat 1 pph	AGACBH 4,286,74
	mma-esc 1 pph	AGACBH 4,286,74
	dnr-esc 1 pph	AGACBH 4,286,74
	mma-bcs 19300 nmol/L	JACBBD 25,73,75
	dnr-bcs 800 mg/L	EVSRBT 24,19,81
	mmc-ami 600 ppm/2H-C	DBANAD 31,1477,78
	mma-ami 500 mg/L	AMBBBR 6,15,74
	mma-ami 500 mg/L	AMBBBR 6,15,74
	mma-ami 2000 ppm	SOGEBZ 7,948,71
	mma-ami 100 mmol/plate	PCJOAU 15,482,81
	mma-ami 1 pph	ANTBAL 27(10),18,82
	mrc-dmg-ihl 2700 ppm	SOGEBZ 11,1073,75
	cyt-dmg-par 10 mmol/L	MUREAV 6,129,68
	sln-dmg-orl 2 ppm	NTIS** PB81-160848
	sln-dmg-par 10 mmol/L	GENTAE 56,273,67
	sln-dmg-ipr 10 mmol/L	PNASA6 53,282,65
	dlt-dmg-par 200 umol/L	IDZAAW 39,155,64
	trn-dmg-par 6500 umol/L	IDZAAW 39,155,64
	dlt-dmg-ihl 1250 ppm	SOGEBZ 11,883,75
	mma-msc 20 ug/plate	MUREAV 53,297,78
	mma-smc 1 pph	AGACBH 4,286,74
	mrc-smc 1 pph	AGACBH 4,286,74
	mma-asn 10 mmol/L	SOGEBZ 6,220,70
	msc-slw:spr 2 mmol/L	MUREAV 7,425,69
	mnt-aml-mul 5000 ppm/8D-C	JMUREAV 125,275,84
	dlt-ain-par 20 mmol/L	MUREAV 15,67,72
	dni-hmn:hla 500 umol/L	CNREA8 38,4445,78
	cyt-hmn:lym 1 umol/L/1H	ARTODN 46,61,80
	cyt-hmn:leu 10 umol/L/1H	22SWAN -,367,70
	cyt-hmn:lng 1 umol/L	EVSRBT 24,433,81
	cyt-rat-ipr 5 mg/kg	BJPCAL 6,357,51
	cyt-rat-ihl 8 ug/L/12W	TPKVAL 13,51,73
	dns-mus-par 5 mg/kg	EVSRBT 24,943,81
	dni-mus-ivg 1 pph	JIDEAE 62,378,74
	dni-mus-ipr 1 mg/kg	MUREAV 46,305,77
	dlt-mus-ipr 5 mg/kg	EVSRBT 24,943,81
	msc-ham:ovr 2 mg/L	MUREAV 94,649,82
	cyt-ckn:fbr 770 umol/L	MUREAV 81,123,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	ihl-rat TCLo:800 ug/m3/24H (1D male)	TPKVAL 14,16,75
3T41T42T43	scu-mus TDLo:41760 ug/kg (6-14D preg)	NTIS** PB223-160
2T31T35	scu-mus TDLo:41760 ug/kg (6-14D preg)	NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-rat TDLo:20 mg/kg/67D-I	BJPCAL 9,306,54
2V01L60	orl-mus TDLo:6500 ug/kg/5D-I	VOONAW 27(5),88,81
3V01J60L60	orl-mus TDLo:235 mg/kg/76W-C	JNCIAM 42,1101,69
2V03V10	scu-rat TD :10 mg/kg/8W-I	BJPCAL 9,306,54

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:15 mg/kg	JIHTAB 23,259,41
*	ihl-rat LC50:100 mg/m3/2H	85GMAT -,67,82
	ipr-rat LD50:3800 ug/kg	BCPCA6 14,915,65
*	ihl-mus LC50:400 mg/m3/2H	85GMAT -,67,82
	unk-mus LD50:15 mg/kg	BJCAAI 6,160,52
*	ihl-rbt LCLo:100 mg/m3/2M	85GMAT -,67,82
	ihl-gpg LCLo:25 ppm/8M	JIHTAB 30,2,48
	skn-gpg LD50:14 mg/kg	JIHTAB 30,63,48

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 9,37,75
★ TLV-TWA 500 ppb (skin) — DTLVS* 4,186,80

STANDARDS & REGULATIONS:

★ OSHA-carcinogen — FEREAC 39,23756,74
★ OSHA STANDARD-air:TWA 1 mg/m3 (skin) (SCP-W) — FEREAC 39,23540,74
★ DOT-HAZARD-FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON — CFRGBR 49,172.101,82

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 300#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KX5250000 ETHYLENIMINE, N-CHLORO-

UPDT:8311 CAS: 10165-13-6 MW: 77.52 MOLFM: C2-H4-Cl-N

SYN: AZIRIDINE, N-CHLORO- * AZIRIDINYL CHLORIDE * CA * N-CHLOROAZIRIDINE

MUTATION DATA AND REFERENCES:

	mma-ssp 350 umol/L	ADWMAX -,193,62

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:18 mg/kg	NTIS** AD641-640

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

BEST COPY AVAILABLE

3-ETHYLENIMINOPROPIONATE see: CM8694500
1-N-ETHYLEPHEDRINE HYDROCHLORIDE see: DO5775000
(+-)-ETHYLEPHRINE see: DO5600010
R,S-ETHYLEPHRINE see: DO5600010
ETHYL 2,3-EPOXYBUTYRATE see: ET0875000
ETHYL alpha,beta-EPOXYHYDROCINNAMATE see: MB4970000
ETHYL alpha,beta-EPOXY-beta-METHYLHYDROCINNAMATE see: MW5250000
ETHYL 2,3-EPOXY-3-METHYL-3-PHENYLPROPIONATE see: MW5250000
ETHYL alpha,beta-EPOXY-alpha-PHENYLPROPIONATE see: MB4970000
ETHYL ESTER of 1,2,5,6-DIBENZANTHRACENE-endo-alpha,beta-SUCCINO GLYCINE see: UX9670000
ETHYL ESTER of 4,4'-DICHLOROBENZILIC ACID see: DD2275000
ETHYL ESTER of O,O-DIMETHYLDITHIOPHOSPHORYL alpha-PHENYL ACETATE ACID see: AI7875000
ETHYL ESTER of 2,3-EPOXY-3-PHENYLBUTANOIC ACID see: MW5250000
O-ETHYLESTER KYSELINY DICHLORTHIOFOSFORECNE (Czech) see: TD6400000
ETHYLESTER KYSELINY ORTHOMRAVENCI (Czech) see: RM6475000
ETHYL ESTER of METHANESULFONIC ACID see: PB2100000
ETHYL ESTER of METHANESULPHONIC ACID see: PB2100000
ETHYL ESTER of 3-METHYLCHOLAN-THREME-endo-alpha,beta-SUCCINOGLYCINE see: UX9675000
ETHYL ESTER of METHYLNITROSO-CARBAMIC ACID see: FC6300000
ETHYL ESTER OF METHYLSULFONIC ACID see: PB2100000
ETHYL ESTER of METHYLSULPHONIC ACID see: PB2100000
ETHYL ESTER OF PHENIGAMA see: MW5084500
2-ETHYL-B-alpha-ESTRADIOL see: KG7500000
16-beta-ETHYL-B-alpha-ESTRADIOL see: KG7510000
17-alpha-ETHYL-17-beta-ESTRADIOL see: RC8919900
2-ETHYL-B-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: KG7500000
16-beta-ETHYL-B-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: KG7510000
ETHYLESTRENOL see: RC8961100
ETHYL ETHANE SULFONATE see: KI7600000
ETHYL ETHANOATE see: AM5425000
ETHYL ETHER see: KI5775000

KX7375000 ETHYL ETHER, compd. with BORON FLUORIDE (BF3) (1:1)
CAS: 109-63-7 MW: 141.95 MOLFM: C4-H10-B-F3-O
SYN: BORANE TRIFLUORO- compd. with 1,1'-OXYBIS(ETHANE) (1:1) * BORON FLUORIDE DIETHYL ETHERATE * BORON FLUORIDE ETHERATE * BORON FLUORIDE-ETHYL ETHERATE * BORON FLUORIDE ETHYL ETHER COMPLEX * BORON FLUORIDE MONOETHERATE * BORON TRIFLUORIDE-DIETHYL ETHERATE * BORON TRIFLUORIDE DIETHYLETHERATE (DOT) * BORON TRIFLUORIDE ETHERATE * BORON TRIFLUORIDE-ETHER COMPLEX * BORON TRIFLUORIDE-ETHYL ETHER * BORON TRIFLUORIDE ETHYL ETHERATE * BORON, TRIFLUORO(1,1'-OXYBISETHANE)-, (T-4)- (9CI) * TRIFLUOROBORANE DIETHYL ETHERATE * TRIFLUOROBORON ETHERATE * UN 2604 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE SOLID, LABEL-FLAMMABLE LIQUID,CORROSIVE CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1980
ETHYL ETHER (DOT) see: KI5775000
13-ETHYL-17-alpha-ETHINYL-17-HYDROXYGON-4,9,11-TRIEN-3-ONE see: JF7964000
ETHYL beta-ETHOXYPROPIONATE see: UF3325000
ETHYL-N-ETHYL CARBAMATE see: FA9100000
S-ETHYL N-ETHYL N-CYCLOHEXYLTHIOLCARBAMATE see: GU7200000
(ETHYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) see: BQ4372000
N-ETHYLETHYLENEDIAMINE mixed with SODIUM NITRITE see: KV5010000
alpha-ETHYL-3-(2-(ETHYL(2-HYDROXYETHYL)AMINO)ACETAMIDO)-2,4,6-TRIIODOHYDROCINNAMIC ACID see: MW5259200
ETHYL 6-(ETHYL(2-HYDROXYPROPYL)AMINO)-3-PYRIDAZINECARBAZATE see: MV1720400
ETHYL 2-(6-(ETHYL(2-HYDROXYPROPYL)AMINO)-3-PYRIDAZINYL)HYDRAZINECARBOXYLATE see: MV1720400
ETHYL 3-ETHYL-4-OXO-5-PIPERIDINO-delta(sup 2,alpha)-THIAZOLIDINEACETATE see: XJ5131750
ETHYL (2)-,3-ETHYL-4-OXO-5-PIPERIDINOTHIAZOLIDIN-2-YLIDENE)ACETATE see: XJ5131750
1-ETHYL-2-(2-(1-ETHYL-2(1H)-QUINOLYLIDENE)PROPENYL)QUINOLINIUM IODIDE see: VC3676870
O-ETHYL O-(4-(ETHYLSULFONYL)PHENYL) METHYLPHOSPHONOTHIOATE see: TB1112000
O,O-ETHYL S-2(ETHYLTHIO)ETHYL PHOSPHORODITHIOATE see: TD9275000
ETHYLETMYNE see: EB9553000
d-13-beta-ETHYL-17-alpha-ETHYNYL-17-beta-ACETOXYGON-4-EN-3-ONE OXIME see: JF7976000
13-ETHYL-17-alpha-ETHYNYLGON-4-EN-17-beta-OL-3-ONE see: JF8225000
dl-13-beta-ETHYL-17-alpha-ETHYNYL-17-beta-HYDROXYGON-4-EN-3-ONE see: JF8225200
13-ETHYL-17-alpha-ETHYNYL-17-beta-HYDROXY-4-GONEN-3-ONE see: JF8225000
ETHYL ETHYNYL METHYL CARBINOL see: SC4900000
dl-13-beta-ETHYL-17-alpha-ETHYNYL-19-NORTESTOSTERONE see: JF8225200
ETHYLEX GUM 2020 see: WI0410000
ETHYL FLAVONE-7-OXYACETATE see: AJ1460000
ETHYL 7-FLAVONOXYACETATE see: AJ1460000
ETHYL FLAVONYL-7-OXYACETATE see: AJ1460000
ETHYL FLAVON-7-YLOXYACETATE see: AJ1460000
ETHYL FLUORIDE see: KI3650000
ETHYL FLUORIDE (DOT) see: KI3650000
1-ETHYL-6-FLUORO-1,4-DIHYDRO-4-OXO-7-(4-METHYL-1-PIPERAZINYL)-3-QUINOLINECARBOXYLIC ACID see: VB2C02000
1-ETHYL-6-FLUORO-1,4-DIHYDRO-4-OXO-7-(1-PIPERAZINYL)-3-QUINOLINECARBOXYLIC ACID see: VB2005000
ETHYL 8-FLUORO-5-METHYL-5,6-DIHYDRO-6-OXO-4H-IMIDAZO(1,5-a)(1,4)BENZODIAZEPINE-3-CARBOXYLATE see: NI2922170
N-ETHYL-2-FLUORO-N-1-NAPHTHYLACETAMIDE see: AB8766000 ACETAMIDE, N-ETHYL-2-FLUORO-N-1-NAPHTHYL-
ETHYL p-FLUOROPHENYL SULFONE see: WR6475000
N-ETHYL-2-FLUORO 2',4',5'-TRICHLOROACETANILIDE see: AE2870000 ACETANILIDE, N-ETHYL-2-FLUORO-2',4',5'-TRICHLORO-
ETHYL FORMATE see: LQ8400000
1-ETHYLFORMATE AZIRIDINE see: CM6800100
ETHYL FORMATE (DOT) see: LQ8400000
ETHYLFORMIAAT (Dutch) see: LQ8400000
ETHYLFORMIC ACID see: UE5950000
ETHYL FORMIC ESTER see: LQ8400000
5-ETHYL-2(5H)-FURANONE see: LU4200000
5-ETHYL-2-(FURFURYLAMINO)-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9100500
ETHYL GERANYL ETHER see: RG5362000
alpha-ETHYL GLYCEROL ETHER see: TY6400000
ETHYL GLYCIDYL ETHER see: TZ3200000
N-ETHYLGLYCINE cis-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE HYDROCHLORIDE see: MC0527000
ETHYLGLYKOLACETAT (German) see: KK8225000
ETHYL GLYME see: KI1225000
ETHYL GREEN see: BP6825000
ETHYL p-(6-GUANIDINOHEXANOYLOXY) BENZOATE METHANESULFONATE see: DG7800800
2-(1-ETHYL-3-GUANIDINO)-4-METHYL-6-CHLOROQUINAZOLINE HYDROCHLORIDE HYDRATE see: ME9390000
ETHYL GUSATHION see: TD8400000
ETHYL GUTHION see: TD8400000
ETHYL 10-HENDECENOATE see: YQ2978400
ETHYLHEXABITAL see: CQ2975000
ETHYLHEXADECYLDIMETHYLAMMONIUM BROMIDE see: BQ5425000
S-ETHYL HEXAHYDRO-1H-AZEPINE-1-CARBOTHIOATE see: CM2625000
5-ETHYLHEXAHYDRO-4,6-DIOXO-5-PHENYLPHRIMIDINE see: UV9100000
5-ETHYLHEXAHYDRO-5-PHENYLPYRIMIDINE-4,6-DIONE see: UV9100000
ETHYLHEXALDEHYDE see: MN7525000
2-ETHYLHEXALDEHYDE see: MN7525000
ETHYLHEXALDEHYDE (DOT) see: MN7525000
ETHYL 1-HEXAMETHYLENEIMINECARBOTHIOLATE see: CM2625000
S-ETHYL 1-HEXAMETHYLENEIMINOTHIOCARBAMATE see: CM2625000
S-ETHYL-N-HEXAMETHYLENETHIOCARBAMATE see: CM2625000
2-ETHYLHEXANAL see: MN7525000
ETHYL HEXANEDIOL see: MO2625000
2-ETHYLHEXANE-1,3-DIOL see: MO2625000
2-ETHYL-1,3-HEXANEDIOL see: MO2625000
2-ETHYLHEXANEDIOL-1,3 see: MO2625000
2-ETHYL-1,3-HEXANEDIOL MONOBUTYRATE (ester) see: MO2680000
ETHYL HEXANOATE see: MO7735000
2-ETHYLHEXANOIC ACID see: MO7700000
2-ETHYLHEXANOIC ACID, VINYL ESTER see: MO7875000
ETHYLHEXANOL see: MP0350000
2-ETHYLHEXANOL see: MP0350000
2-ETHYL-1-HEXANOL see: MP0350000
2-ETHYL-1-HEXANOL HYDROGEN PHOSPHATE see: TB7875000
2-ETHYL-1-HEXANOL HYDROGEN SULFATE SODIUM SALT see: MP0700000
2-ETHYL-1-HEXANOL PHOSPHATE see: MP0770000
2-ETHYL-1-HEXANOL SULFATE SODIUM SALT see: MP0700000
2-ETHYLHEXANYL ACETATE see: AM5600000
ETHYLHEXEDRINE HYDROCHLORIDE see: GV2100000
2-ETHYLHEXENAL see: MP6300000
2-ETHYL-2-HEXENAL see: MP6370000
2-ETHYL-2-HEXENALDEHYDE PHENYLHYDRAZONE see: MP6000000
2-ETHYL-2-HEXENOIC ACID see: MP7750000
2-ETHYLHEXOIC ACID see: MO7700000
2-ETHYLHEXOIC ACID, VINYL ESTER see: MO7875000
beta-ETHYLHEXYL ACETATE see: AM5600000
2-ETHYLHEXYL ACETATE see: AM5600000
2-ETHYLHEXYL ACRYLATE see: AT0855000
2-ETHYLHEXYL ALCOHOL see: MP0350000
2-ETHYL HEXYLAMINE see: MQ5250000
2-ETHYLHEXYLAMINE (DOT) see: MQ5250000
2-ETHYLHEXYL 3-AMINOPROPYL ETHER see: UI2820000
5-ETHYL-5-HEXYLBARBITURIC ACID SODIUM SALT see: CQ4900000
N-(2-ETHYLHEXYL)BICYCLO-(2,2,1)-HEPT-5-ENE-2,3-DICARBOXIMIDE see: RB8575000
2-ETHYLHEXYL CHLORIDE see: MI8760000
2-ETHYLHEXYL-6-CHLORIDE see: MI8750000
ETHYLHEXYL CHLOROFORMATE see: FG3660000
2-ETHYLHEXYL CHLOROFORMATE see: FG3660000
2-ETHYLHEXYL CHLOROFORMATE (DOT) see: FG3660000
ETHYL HEXYLENE GLYCOL see: MO2625000
2-ETHYLHEXYL ETHANOATE see: AM5600000
2-ETHYLHEXYL FUMARATE see: LT0525000
N-(2-ETHYLHEXYL)-3-HYDROXYBUTYRAMIDE HYDROGEN SUCCINATE see: WM9670000
N-2-ETHYLHEXYLIMIDE ENDOMETHYLENETETRAHYDROPHTHALIC ACID see: RB8575000
2-ETHYLHEXYLMALEINIAN DI-n-BUTYLCINICITY (Czech) see: WH6717000
N-(2-ETHYLHEXYL)-5-NORBORNENE-2,3-DICARBOXIMIDE see: RB8575000
N-2-ETHYLHEXYL-beta-OXYBUTYRAMIDE SEMISUCCINATE see: WM9670000
N-ETHYL-m-(HEXYLOXY)CARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE see: FD8927700
2-(2-ETHYLHEXYLOXY)ETHANOL see: KK9625000
1-(beta-((2-ETHYLHEXYL)OXY)-p-HEXYLPHENETHYL)PYRIDINIUM BROMIDE see: UU4024040
PYRIDINIUM,1-(beta-((2-ETHYLHEXYL)OXY)-p-HEXYLPHENETHYL)-, BROMIDE
1-(beta-((2-ETHYLHEXYL)OXY)PHENETHYL)PYRIDINIUM BROMIDE see: UU4024060 PYRIDINIUM, 1-(beta-((2-ETHYLHEXYL)OXY)PHENETHYL)-, BROMIDE
3-(2-ETHYLHEXYLOXY)PROPIONIC ACID see: UF3850000
3-(2-ETHYLHEXYLOXY)PROPIONITRILE see: UG2100000
2-ETHYLHEXYLOXYPROPYLAMINE see: UI2820000
2-ETHYLHEXYL PALMITATE see: RT4740000
2-ETHYLHEXYLPHENOL see: SL4375000
ETHYLHEXYL PHTHALATE see: TI0350000
2-ETHYLHEXYL PHTHALATE see: TI0350000
2-ETHYLHEXYL 2-PROPENOATE see: AT0855000
5-ETHYL-5-HEXYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE MONOSODIUM SALT see: CQ4900000
2-ETHYLHEXYL SALICYLATE see: VO3150000
2-ETHYLHEXYL SEBACATE see: VS1000000
2-ETHYLHEXYL SODIUM SULFATE see: MP0700000
2-ETHYLHEXYL SULFOSUCCINATE SODIUM see: WN0525000
2-(2-ETHYLHEXYL)-3a,4,7,7a-TETRAHYDRO-4,7-METHANO-1H-ISOINDOLE-1,3(2H)-DIONE see: RB8575000
2-ETHYLHEXYL VINYL ETHER see: KO0175000
ETHYL HYDRATE see: KQ6300000
ETHYLHYDRAZINE HYDROCHLORIDE see: MV3620000
ETHYL HYDRIDE see: KH3800000
alpha-ETHYL-HYDROCINNAMIC ACID see: MW5258000
beta-ETHYLHYDROCINNAMIC ACID see: MV5258500
ETHYLHYDROCUPREINE HYDROCHLORIDE see: MW6300000
ETHYL(HYDROGEN p-MERCAPTOBENZENESULFONATO)MERCURY SODIUM SALT see: OW3780000
ETHYL HYDROGEN PEROXIDE see: KY8355000
ETHYL HYDROGEN 1-PROPYLPHOSPHONATE see: TA0440000
ETHYL HYDROGEN SULFATE see: WT1101700

KY8355000 ETHYL HYDROPEROXIDE
UPDT:8308 CAS: 1031-74-1 MW: 62.08 MOLFM: C2-H6-O2
SYN: ETHYL HYDROPEROXIDE (DOT) * ETHYL HYDROGEN PEROXIDE * HYDROPEROXIDE, ETHYL

STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN CFRGBR 49,172.101,82

ETHYL HYDROPEROXIDE (DOT) see: KY8355000
N-ETHYL-N-(alpha-HYDROPEROXYETHYL)NITROSAMINE see: IA3090000
N-ETHYL-N-(HYDROPEROXYMETHYL)NITROSAMINE see: KR7650000
ETHYL HYDROSULFIDE see: KI9625000
ETHYL HYDROXIDE see: KQ6300000
4'-ETHYL-4-HYDROXYAZOBENZENE see: SL4450000
ETHYL o-HYDROXYBENZOATE see: VO3000000
ETHYL p-HYDROXYBENZOATE see: DH2190000
ETHYL-2-HYDROXY-2,2-BIS(4-CHLOROPHENYL)ACETATE see: DD2275000
N-ETHYL-N-(4-HYDROXYBUTYL)NITROSOAMINE see: EL3870000
ETHYL N-HYDROXYCARBAMATE see: FB1750000
ETHYL m-HYDROXYCARBANILATE CARBANILATE (ester) see: FD0425000
alpha-ETHYL-1-HYDROXYCYCLOHEXANEACETIC ACID see: GU6555200
5-ETHYL-1-(4-HYDROXYCYCLOHEXYL)BARBITURIC ACID see: CQ4930000 BARBITURIC ACID, 5-ETHYL-1-(4HYDROXYCYCLOHEXYL)-

ZYL)-1 METHYLPIPERAZINIUM IODIDE see: TM3397000

alpha-PREGNA-4,9,11-TRIEN-20-YN-3-ONE see: JF7960000

3-ETHYL-17-HYDROXY-18,19-DINOR-PREGN-4-EN-3-ONE see: JF7972000

dl-13-ETHYL-17-HYDROXY-18,19-DINOR-17-alpha-PREGN-4-EN-3-ONE see: JF7972000

(-)-13-ETHYL-17-HYDROXY-18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-3-ONE see: JF8225200

N-ETHYL-2-((HYDROXYDIPHENYLACETYL)OXY)-N,N-DIMETHYLETHANAMINIUM CHLORIDE see: BQ5600000

16-ETHYL-17-HYDROXYESTER-4-EN-3-ONE see: KG7963000

16-beta-ETHYL-17-beta-HYDROXYESTR-4-EN-3-ONE see: KG7963000

16-beta-ETHYL-17-beta-HYDROXY-4-ESTREN-3-ONE see: KG7963000

2-(3-(N-ETHYL-2-HYDROXYETHYL)AMINO-ACETAMIDO-2,4,6-TRIIODOBENZYL)-BUTYRIC ACID see: MW5259200

1-ETHYL-1-(2-HYDROXYETHYL)AZIRIDINIUM see: CM9620000

ETHYL(2-HYDROXYETHYL)DIMETHYLAMMONIUM BENZILATE CHLORIDE see: BQ5600000

ETHYL(2-HYDROXYETHYL)DIMETHYLAMMONIUM CHLORIDE BENZILATE see: BQ5600000

1-ETHYL-4-(2-HYDROXYETHYL)-1-METHYLPIPERAZINIUM IODIDE 3,3-DIPHENYLPROPIONATE see: TM3393400

N-ETHYL-N-HYDROXYETHYLNITROSAMINE see: KL0350000

ETHYL-2-HYDROXYETHYLNITROSAMINE see: KL0350000

ETHYL N-(2-HYDROXYETHYL)-N-NITROSOCARBAMATE see: FB2200000

5-ETHYL-2-HYDROXYETHYLPYRIDINE see: UT3150000

N-ETHYL-N-(2-HYDROXYETHYL)-m-TOLUIDINE see: KL1320000

ETHYL-7-HYDROXYFLAVONE see: AJ1460000

alpha-ETHYL-1-HYDROXY-4-(p-HYDROXYPHENYL)CYCLOHEXANEACETIC ACID see: GU5850000

4-ETHYL-7-HYDROXY-3-(p-METHOXYPHENYL)COUMARIN see: GN6770000

(17-alpha)-13-ETHYL-17-HYDROXY-11-METHYLENE-18,19-DINORPREGN-4-EN-20-YN-3-ONE see: JF8290000

1-(2-ETHYL-7-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-4-BENZOFURANYL)ETHANONE see: OB3185000 KETONE, 2-ETHYL-7-(2-HYDROXY-3-((ISOPROPYLAMINO)PROPOXY)-4-BENZOFURANYL METHYL

N-ETHYL-N'-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)UREA see: YT2882000

1-ETHYL-7-HYDROXY-2-METHYL-1,2,3,4,4a,9,10,10a-OCTAHYDROPHENANTHRENE-2-CARBOXYLIC ACID see: VS3150000

ETHYL 4-HYDROXY-1-METHYL-3-PIPERIDINECARBOXYLATE p-AMINOBENZOATE HYDROCHLORIDE see: TM6317400

2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL METHACRYLATE ESTER (3:1) see: TY6668000

2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL TRIACETOACETATE see: TY6670000

2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL TRIACRYLATE see: AT4810000

6-ETHYL-7-HYDROXY-3-(2-METHYLTHIAZOL-4-YL)CHROMONE ACETATE (ester) see: GB8146000

3-ETHYL-2-HYDROXY-5-NITROBENZOIC ACID see: DH0217000

17-alpha-ETHYL-17-HYDROXYNORANDROSTENONE see: RC8961200

17-alpha-ETHYL-17-HYDROXY-4-NORANDROSTEN-3-ONE see: RC8961200

17-alpha-ETHYL-17-HYDROXY-19-NORANDROST-4-EN-3-ONE see: RC8961200

16-alpha-ETHYL-21-HYDROXY-19-NORPREGN-4-ENE-3,20-DIONE 21-DODECANOATE see: RC8966000

beta-ETHYL beta-HYDROXYPHENETHYL CARBAMATE see: EK2650000

beta-ETHYL beta-HYDROXYPHENETHYL CARBAMIC ACID ESTER see: EK2450000

alpha-ETHYL-1-HYDROXY-4-PHENYLCYCLOHEXANEACETIC ACID see: GU6555300

3-((10-ETHYL-11-(p-HYDROXYPHENYL)DIBENZO(b,f)THIEPIN-3-YL)OXY)-1,2-PROPANEDIOL see: TY6676000

ETHYL p-HYDROXYPHENYL KETONE see: UH1925000

5-ETHYL-4-(p-HYDROXYPHENYL)-6-METHYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID ACETATE (ester) see: GW4400000

5-ETHYL-4-(p-HYDROXYPHENYL)-6-METHYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID SODIUM SALT see: GW4410000

4-ETHYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-1-PIPERIDINEETHANOL HYDROCHLORIDE see: TM8770000 1-PIPERIDINEETHANOL, 4-ETHYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-, HYDROCHLORIDE

3-ETHYL-3-(m-HYDROXYPHENYL)-1-METHYLPYRROLIDINE see: SL4400000

(2-ETHYL-5-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) see: BQ2915000

(4-ETHYL-3-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) see: BQ2915010

ETHYL alpha-HYDROXYPROPIONATE see: QD3075000

ETHYL 2-HYDROXYPROPIONATE see: QD3075000

2-(6-(ETHYL(2-HYDROXYPROPYL)AMINO)-3-PYRIDAZINYL)-HYDRAZINECARBOXYLIC ACID ETHYL ESTER see: MV1720400

(-)-alpha-(1-ETHYL-1-HYDROXYPROPYL)-4-BIPHENYLACETIC ACID METHYL ESTER see: DU8331000

alpha-ETHYL-3-HYDROXY-2,4,6-TRIIODOCINNAMIC ACID see: GD9030000

alpha-ETHYL-3-HYDROXY-2,4,6-TRIIODOHYDROCINNAMIC ACID see: MW5280000

alpha-ETHYL-beta-(3-HYDROXY-2,4,6-TRIIODOPHENYL)PROPIONIC ACID see: MW5280000

ETHYLIC ACID see: AF1225000

ETHYLIDENE ACETONE see: SB3850000

5-ETHYLIDENEBICYCLO(2.2.1)HEPT-2-ENE see: RB9450000

N,N'-ETHYLIDENE BIS(ETHYL CARBAMATE) see: FA9460000

ETHYLIDENE CHLORIDE see: KI0175000

ETHYLIDENE DICHLORIDE see: KI0175000

ETHYLIDENE DIETHYL ETHER see: AB2800000

ETHYLIDENE DIFLUORIDE see: KI1410000

5-ETHYLIDENEDIHYDRO-2(3H)-FURANONE see: LU4550000

ETHYLIDENE DIMETHYL ETHER see: AB2825000

ETHYLIDENE DIURETHAN see: FA9460000

ETHYLIDENE FLUORIDE see: KI1410000

ETHYLIDENE-2(5H)-FURANONE see: LU4375000

ETHYLIDENE GYROMITRIN see: LQ8500000

ETHYLIDENEHYDROXYLAMINE see: AB2975000

trans-15-ETHYLIDENE-12-beta-HYDROXY-4,12-alpha,13-beta-TRIMETHYL-8-OXO-4,8-SECOSENEC-1-ENINE see: VT5960000

ETHYLIDENELACTIC ACID see: OD2800000

5-ETHYLIDENE-2-NORBORNENE see: RB9450000

(E)-7-ETHYLIDENE-1a,2,3,7-TETRAHYDROCYCLOPENT(b)OXIRENO(c)PYRIDINE see: GY8430000

N-ETHYLIMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE see: DU1830000

ETHYLIMINE see: KK5075000

N-ETHYL-2,2'-IMINODIETHANOL see: KK9800000

2,2'-(ETHYLIMINO)DIETHANOL see: KK9800000

4-ETHYL-2-((1H-INDEN-4(or 7)-YLOXY)METHYL)MORPHOLINE see: QE4110000

ETHYL IODIDE see: KI4750000

ETHYL ISOBUTANOATE see: NQ4675000

ETHYL ISOBUTYRATE see: NQ4675000

ETHYLISOBUTYRATE (DOT) see: NQ4675000

ETHYL ISOCYANATE see: NQ8825000

ETHYL ISOCYANATE (DOT) see: NQ8875000

2-ETHYLISOHEXANOL see: SA6825000

alpha-ETHYLISONICOTINIC ACID THIOAMIDE see: NS0350000

2-ETHYLISONICOTINIC ACID THIOAMIDE see: NS0350000

2-ETHYLISONICOTINIC THIOAMIDE see: NS0350000

alpha-ETHYLISONICOTINOYLTHIOAMIDE see: NS0350000

5-ETHYL-5-ISOPENTYLBARBITURIC ACID SODIUM SALT see: CQ5250000

ETHYLISOPENTYLMALONIC ACID 2-DIETHYLAMINOETHYL ETHYL ESTER HYDROCHLORIDE see: OO1120000

O-ETHYL-O-(2-ISOPROPOXY-CARBONYL)-PHENYL ISOPROPYLPHOSPHORAMIDOTHIOATE see: VO4395500

5-ETHYL-2-ISOPROPOXY-5-PHENYL-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9100600

5-ETHYL-6-ISOPROPOXY-5-PHENYLURACIL see: YL0210000

ETHYLISOPROPYLNITROSOAMINE see: IA3400000

5-ETHYL-1-ISOPROPYL-5-PHENYLBARBITURIC ACID see: CQ5492000

O-ETHYL-O-ISOPROPYL-O-PHTHALOXIMIDO PHOSPHOROTHIOATE see: TI5250000

ETHYLISOTHIAMIDE see: NS0350000

alpha-ETHYLISOTHIONICOTINAMIDE see: NS0350000

2-ETHYLISOTHIONICOTINAMIDE see: NS0350000

5-ETHYLISOTHIURONIUM DIETHYL PHOSPHATE see: TC0870000

ETHYL ISOVALERATE see: NY1504000

ETHYLISOVANILLINE see: CU6125050

ETHYL KETOVALERATE see: OI1700000

ETHYL 4-KETOVALERATE see: OI1700000

D-N-ETHYLLACTAMIDE CARBANILATE (ester) see: FD8900000

ETHYL LACTATE see: OD5075000

ETHYL LACTATE (DOT) see: OD5075000

ETHYL LAEVULINATE see: OI1700000

ETHYL LEVULATE see: OI1700000

ETHYL LINALOOL see: BA5395000

ETHYL LINALYL ACETATE see: BA5395200

ETHYL LOFLAZEPATE see: QJ8790200

ETHYL MALEATE see: ON1225000

N-ETHYLMALEIMIDE see: UX9625000

ETHYL MALONATE see: OO0700000

ETHYL MALTOL see: UQ0840000

ETHYL MANDELATE see: OO7397000

ETHYLMERCAPTAAN (Dutch) see: KI9625000

ETHYL MERCAPTAN see: KI9625000

ETHYL MERCAPTAN (DOT) see: KI9625000

ETHYL(2-MERCAPTOBENZOATO-S)MERCURY SODIUM SALT see: OV8400000

ETHYL (2-MERCAPTOETHYL) CARBAMATE S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE see: FA3325000

beta-ETHYLMERCAPTOETHYL DIMETHYL THIONOPHOSPHATE see: TG1650000

2-ETHYL MERCAPTOMETHYL-PHENYL-N-METHYLCARBAMATE see: FC2628000

ETHYL MERCAPTOPHENYLACETATE-O,O-DIMETHYLPHOSPHORODITHIOATE see: AI7875000

ETHYLMERCURIC ACETATE see: OV6125000

ETHYLMERCURIC CHLORIDE see: OV9800000

ETHYLMERCURIC CYSTEINE see: OW3363000

ETHYLMERCURIC DICYANDIAMIDE see: OW1575000

ETHYLMERCURIC PHOSPHATE see: OW3750000

ETHYLMERCURIC PHOSPHATE see: OW4375000

N-ETHYLMERCURI-N-PHENYL-p-TOLUENESULFONAMIDE see: OW3850000

o-(ETHYLMERCURITHIO)BENZOIC ACID SODIUM SALT see: OV8400000

ETHYLMERCURITHIOSALICYLIC ACID SODIUM SALT see: OV8400000

N-(ETHYLMERCURI)-p-TOLUENESULFONANILIDE see: OW3850000

N-(ETHYLMERCURI)-p-TOLUENESULPHONANILIDE see: OW3850000

ETHYLMERCURY CHLORIDE see: OV9800000

ETHYLMERCURY DICYANDIAMIDE see: OW1575000

ETHYLMERCURY PHOSPHATE see: OW4375000

ETHYLMERCURY PHOSPHATE see: OW3750000

ETHYLMERCURY p-TOLUENESULFANILIDE see: OW3850000

ETHYLMERCURY p-TOLUENE SULFONAMIDE see: OW3850000

ETHYLMERCURY p-TOLUENESULFONANILIDE see: OW3850000

ETHYLMERCURY TOLUENESULFONATE see: OW4025000

ETHYLMERKAPTAN (Czech) see: KI9625000

ETHYL METHACRYLATE see: OZ4550000

ETHYL METHACRYLATE, inhibited (DOT) see: OZ4550000

ETHYL METHANESULFONATE see: PB2100000

ETHYL METHANESULPHONATE see: PB2100000

ETHYL METHANOATE see: LQ8400000

ETHYL METHANSULFONATE see: PB2100000

ETHYL METHANSULPHONATE see: PB2100000

ETHYL p-METHOXYBENZOATE see: BZ4697000

ETHYL 4-METHOXYBENZOATE see: BZ4697000

ETHYL O-(o-(METHOXYCARBONYL)BENZOYL)GLYCOLATE see: TI2625000

ETHYL o-(METHOXYCARBONYL)BENZOYLOXYACETATE see: TI2625000

N-ETHYL-6-METHOXY-N'-(1-METHYLETHYL)-1,3,5-TRIAZINE-2,4-DIAMINE see: XY8750000

N-ETHYL-p-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH6801000

N-ETHYL-N'-(9-METHOXY-5-METHYL-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-1,3-PROPANEDIAMINE see: TX8037000

6-ETHYL-7-METHOXY-3-(2-METHYL-4-THIAZOLYL)-4H-1-BENZOPYRAN-4-ONE see: GB8170500

6-ETHYL-7-METHOXY-3-(2-METHYL-4-THIAZOLYL)CHROMONE see: GB8170500

6-ETHYL-2-METHOXYNORAPORPHIN-1-OL see: RB6006000

1-ETHYL-4-(p-METHOXY-alpha-PHENYLBENZYL)-1-METHYLPIPERAZINIUM IODIDE see: TM3394100

3-ETHYL-4-(p-METHOXYPHENYL)-2-METHYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID see: GW4430000

2-(p-(beta-ETHYL-alpha-(p-METHOXYPHENYL)STYRYL)PHENOXY)TRIETHYLAMINE see: YE2101000

N-ETHYL-3'-METHOXY-2',4',6'-TRIIODOSUCCINANILIC ACID see: WM4500000

ETHYL all-trans-9-(4-METHOXY-2,3,6-TRIMETHYLPHENYL)-3,7-DIMETHYL-2,4,6,8-NONATETRAENOATE see: RA6620000

ETHYL alpha-METHYL ACRYLATE see: OZ4550000

ETHYL 2-METHYLACRYLATE see: OZ4550000

1-ETHYLMETHYLAMIDINO-3-(2'-ETHYL-6-METHYLPHENYL)-UREA HYDROCHLORIDE see: YT2926000

1-ETHYLMETHYLAMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE see: YT1458700

1-ETHYL-3-METHYLAMIDINO-1-(2,6-XYLYL)-UREA HYDROCHLORIDE see: YT1458600

p-ETHYLMETHYLAMINOAZOBENZENE see: BY0430000

4-ETHYLMETHYLAMINOAZOBENZENE see: BY0430000

N-ETHYL-N-METHYL-p-AMINOAZOBENZENE see: BY0430000

4-ETHYL-N-METHYL-4-AMINOAZOBENZENE see: BY0800000

2-((ETHYLMETHYLAMINO)ETHANOL see: KL0175000

DL-alpha-ETHYL-alpha-(1-METHYLAMINOETHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DO5775100

N-((ETHYLMETHYLAMINO)IMINOMETHYL)-N'-(2-ETHYL-6-METHYLPHENYL)UREA HYDROCHLORIDE see: YT2926000

4-((1(4-ETHYL-4-METHYL-3-AMINO-PHENYL)AZO)PYRIDINE 1-OXIDE see: UT3325000

2-(ETHYLMETHYLAMINO)-6-PHENYL-4H-1-BENZOPYRAN-4-ONE see: GB8171000

2-(ETHYLMETHYLAMINO)-8-PHENYL-4H-1-BENZOPYRAN-4-ONE see: GB8171010

2-(ETHYLMETHYLAMINO)-6-PHENYLCHROMONE see: GB8171000

2-(ETHYLMETHYLAMINO)-8-PHENYLCHROMONE see: GB8171010

N-ETHYL-3-METHYLANILINE see: XU6400000

7-ETHYL-9-METHYLBENZ(c)ACRIDINE see: CU3800000

7-ETHYL-12-METHYLBENZ(a)ANTHRACENE see: EW6125000

12-ETHYL-7-METHYLBENZ(a)ANTHRACENE see: EW6300000

o-ETHYL METHYLBENZENE see: XT2500000

BEST COPY AVAILABLE

ETHYL p-METHYL BENZENESULFONATE see: KT6825000
5-ETHYL-5-(1-METHYLBUTYL)BARBITURIC ACID see: CQ5775000
5-ETHYL-5-(3-METHYLBUTYL)BARBITURIC ACID SODIUM DERIVATIVE see: CQ5250000
5-ETHYL-5-(1-METHYLBUTYL)BARBITURIC ACID SODIUM SALT see: CQ6125000
5-ETHYL-5-(1-METHYLBUTYL)MALONYLUREA see: CQ5775000
5-ETHYL-5-(1-METHYLBUTYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE MONOSODIUM SALT see: CQ6125000
5-ETHYL-5-(3-METHYLBUTYL)-2,4,6-(1H,3H,5H)-PYRIMIDINETRIONE SODIUM SALT see: CQ5250000
5-ETHYL-5-(1-METHYLBUTYL)-2-THIOBARBITURIC ACID see: CQ6300000
5-ETHYL-5-(1-METHYLBUTYL)-2-THIOBARBITURIC ACID MONOSODIUM see: CQ6475000
ETHYL-N-METHYL CARBAMATE see: FC2625000
ETHYLMETHYL CARBINOL see: EO1750000
ETHYL METHYL CETONE (French) see: EL6475000
3-ETHYL-3-METHYL-CYCLOBUTANECARBOXYLIC ACID see: GU1346500
2-ETHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)PIPERIDINE see: TN9352000
2-ETHYL-8-METHYL-2,8-DIAZASPIRO(4,5)DECANE-1,3-DIONE FUMARATE see: HM2610000
1-ETHYL-7-METHYL-1,4-DIHYDRO-1,8-NAPHTHYRIDIN-4-ONE-3-CARBOXYLIC ACID see: QN2885000
erythro-ETHYL-alpha'-METHYL-4,4'-DIHYDROXYBIBENZYL see: SL4375900
N-ETHYL-N-(2-METHYL-1,3-DIOXOLAN-3-YLMETHYL)NICOTANAMIDE see: QS4472800
4-ETHYL-4-METHYL-2,6-DIOXOPIPERIDINE see: MA4550000
13-ETHYL-11-METHYLENE-18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-17-OL see: JF7975000
13-ETHYL-11-METHYLENE-18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-3-ONE see: JF8290000
1-ETHYL-6,7-METHYLENEDIOXY-4(1H)-OXOCINNOLINE-3-CARBOXYLIC ACID see: JI4640000
1-ETHYL-6,7-METHYLENEDIOXY-4-QUINOLONE-3-CARBOXYLIC ACID see: JI5075000
erythro-4,4'-(1-ETHYL-2-METHYLETHYLENE)DIPHENOL see: SL4375900
threo-4,4'-(1-ETHYL-2-METHYLETHYLENE)DIPHENOL see: SL4375910
ETHYL METHYLENE PHOSPHORODITHIOATE see: TE4550000
ETHYL METHYL ETHER see: KO0260000
ETHYL METHYL ETHER (DOT) see: KO0260000
S-ETHYL O-(2-(1-METHYLETHYL)-4,6-DINITROPHENYL) CARBONOTHIOATE see: FG2180000
beta-ETHYL beta-METHYLGLUTARIMIDE see: MA4550000
3-ETHYL-3-METHYLGLUTARIMIDE see: MA4550000
7-ETHYL-2-METHYL-4-HENDECANOL SULFATE SODIUM SALT see: YQ2600000
2-ETHYL-2-METHYLHEXANOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: MO7775000HEXANOIC ACID, 2-ETHYL-2-METHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
2-ETHYL-2-METHYLHEXANOIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE see: MO7794000HEXANOICACID, 2-ETHYL-2-METHYL-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
2-ETHYL-2-METHYLHEXANOIC ACID SODIUM SALT see: MO7604000
7-ETHYL-2-METHYL-4-HENDECANOL SULFATE SODIUM SALT see: XB8660000
4-(2-ETHYL-2-METHYLHEXANOYL)MORPHOLINE see: QE4150000
1-(2-ETHYL-2-METHYLHEXANOYLOXYPROPYL)-1,4,4-TRIMETHYLPIPERAZIUM DIIODIDE see: TM3394300
(2-ETHYL-2-METHYLHEXANOYL)UREA see: YT2930000
ETHYLMETHYLKETON (Dutch) see: EL6475000
ETHYL METHYL KETONE see: EL6475000
ETHYL METHYL KETONE (DOT) see: EL6475000
ETHYL METHYL KETONE PEROXIDE see: EL9470000
ETHYL METHYL KETONE PEROXIDE, maximum concentration 50% (aUT) see: EL9470000
ETHYL METHYL KETONE PEROXIDE, maximum concentration 60% (DOT) see: EL9480000
ETHYL METHYL KETOXIME see: EL9275000
O-ETHYL O-(4-(METHYLMERCAPTO)PHENYL) S-n-PROPYLPHOSPHOROTHIONOTHIOLATE see: TE4165000
1-ETHYL-2-METHYL-7-METHOXY-1,2,3,4-TETRAHYDROPHENANTHRYL-2-CARBOXYLIC ACID see: SF7300000
N-ETHYL N-(METHYL-4-METHYL-2-DIOXOLANNYL-1,3)-NICOTINAMIDE (French) see: QS4472800
1-ETHYL-3-METHYL-4-(1-METHYL-4-PIPERIDYL)-1,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL see: NK9176000
2-ETHYL-3-METHYL-4-(1-METHYL-4-PIPERIDYL)-2,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL see: NK9177000
N-ETHYL-6-METHYL-alpha-(METHYLSULFONYL)ERGOLINE-8-beta-PROPIONAMIDE see: KE6345180
ETHYL 3-METHYL-4-(METHYLTHIO)PHENYL(1-METHYLETHYL)PHOSPHORAMIDATE see: TB3675000
1-ETHYL-1-METHYL-4-alpha-(1-NAPHTHYLBENZYL)PIPERAZINIUM IODIDE see: TM3394400
1-ETHYL-1-METHYL-4-(2-NAPHTHYLMETHYL)PIPERAZINIUM IODIDE see: TM3394500
1-ETHYL-1-METHYL-4-(p-NITRO-alpha-PHENYLBENZYL)PIPERAZINIUM IODIDE see: TM3394600
O-ETHYL O-(3-METHYL-4-NITROPHENYL)ETHYLPHOSPHONOTHIOATE see: TB0620000
ETHYLMETHYLNITROSAMINE see: KR9200000
4-ETHYL-1-METHYLOCTYLAMINE see: RH7000000
2-ETHYL-2-METHYL-1,3-OXATHIOLANE-5-METHANOL CARBAMATE see: RP5463500
1-ETHYL-7-METHYL-4-OXO-1,4-DIHYDRO-1,8-NAPHTHYRIDINE-3-CARBOXYLIC ACID see: QN2885000
ETHYL (Z)-(3-METHYL-4-OXO-5-PIPERIDINO-THIAZOLIDIN-2-YLIDENE)ACETATE see: AI9160000
2-ETHYL-4-METHYLPENTANOL see: SA6825000
2-ETHYL-4-METHYL-1-PENTANOL see: SA6825000
N-ETHYL-N-METHYL p-(PHENYLAZO)ANILINE see: BY0430000
2-ETHYL-N-METHYL-3-PHENYLBICARBAMIMIDE see: DT4393500
4-ETHYL-3-METHYLPHENYL CARBAMATE see: FB0705000
5-ETHYL-3-METHYLPHENYL CARBAMATE see: FB0706000
3-ETHYL-2-METHYL-4-PHENYL-4-CYCLOHEXENECARBOXYLIC ACID SODIUM SALT see: GW4500000
5-ETHYL-6-METHYL-4-PHENYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID SODIUM SALT see: GW4500000
1-ETHYL-1-METHYL-4-(1-PHENYLCYCLOHEXYLCARBONYL)PIPERAZINIUM IODIDE see: TM3394700
O-ETHYL S-(2-METHYLPHENYL)ETHYLPHOSPHONODITHIOATE see: TA6120000
O-ETHYL S-(4-METHYLPHENYL) ETHYLPHOSPHONODITHIOATE see: TA6125000
ETHYL METHYLPHENYLGLYCIDATE see: MW5250000
5-ETHYL-3-METHYL-5-PHENYLHYDANTOIN see: MU2275000
(-)-5-ETHYL-3-METHYL-5-PHENYLHYDANTOIN see: MU2276000
5-ETHYL-3-METHYL-5-PHENYL-2,4-IMIDAZOLIDINEDIONE see: MU2275000
5-ETHYL-3-METHYL-5-PHENYL-2,4(3H,5H)-IMIDAZOLEDIONE see: MU2275000
5-ETHYL-3-METHYL-5-PHENYLIMIDAZOLIDIN-2,4-DIONE see: MU2275000
N-(2-ETHYL-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA HYDROCHLORIDE see: YT2935000
ETHYL 1-METHYL-4-PHENYLISONIPECOTATE see: NS5775000
ETHYL 1-METHYL-4-PHENYLISONIPECOTATE HYDROCHLORIDE see: NS5950000
1-(2-ETHYL-6-METHYLPHENYL)-3-METHYLAMIDINO-UREA HYDROCHLORIDE see: YT2935000
5-ETHYL-2-(1-METHYL-2-(PHENYLMETHYLENE)HYDRAZINO)-4(5H)-THIAZOLONE see: AJ7054300
ETHYL 1-METHYL-4-PHENYLPIPERIDINE-4-CARBOXYLATE see: NS5775000
ETHYL 1-METHYL-4-PHENYLPIPERIDINE-4-CARBOXYLATE HYDROCHLORIDE see: NS5950000
ETHYL 1-METHYL-4-PHENYLPIPERIDYL-4-CARBOXYLATE HYDROCHLORIDE see: NS5950000
O-ETHYL S-METHYL PHOSPHORAMIDOTHIOATE see: TB5000000
5-ETHYL-2-METHYLPIPERIDINE see: TN0350000
4-ETHYL-4-METHYL-2,6-PIPERIDINEDIONE see: MA4550000
5-ETHYL-5-(4-METHYLPIPERIDINO)BARBITURIC ACID see: CQ6653000
5-ETHYL-5-(4-METHYLPIPERIDINO)BARBITURIC ACID HYDROCHLORIDE see: CQ6653100
4'-ETHYL-2-METHYL-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE see: UH1735000
9-(2-(5-ETHYL-1-METHYL-2-PIPERIDINYL)ETHYL)CARBAZOLE HYDROCHLORIDE see: FE6236800
9-(2-(5-ETHYL-1-METHYL-2-PIPERIDINYL)ETHYL)CARBAZOLE METHIODIDE see: TN4695000
10-(2-(5-ETHYL-1-METHYL-2-PIPERIDINYL)ETHYL)PHENOTHIAZINE HYDROCHLORIDE see: SP0215000
10-(2-(5-ETHYL-1-METHYL-2-PIPERIDINYL)ETHYL)PHENOTHIAZINE METHIODIDE see: TN4963000
1-ETHYL-4-(1-METHYL-4-PIPERIDYL)-3-PHENYL-1,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL see: NK9178000
ETHYL 2-METHYLPROPANOATE see: NQ4675000
ETHYL 2-METHYL-2-PROPENOATE see: OZ4550000
ETHYL 2-METHYLPROPIONATE see: NQ4675000
5-ETHYL-5-(1-METHYLPROPYL)BARBITURATE see: CQ1750000
5-ETHYL-5-(1-METHYLPROPYL)BARBITURIC ACID see: CQ1750000
alpha-ETHYL-4-(2-METHYLPROPYL)BENZENEACETIC ACID see: ET5030000
ETHYL ((METHYL(PROPYLTHIO)PHOSPHINOTHIOYL)THIO)ACETATE see: AI7250000
1-ETHYL-1-METHYL-2-PROPYNYL CARBAMATE see: SC5075000
3-ETHYL-6-METHYLPYRIDINE see: FJ6825000
5-ETHYL-2-METHYLPYRIDINE see: FJ6825000
N-ETHYL-6-METHYL-2-PYRIDINETHIOACETAMIDE see: UR8448000
5-ETHYL-6-METHYL-4-PYRIMIDINOL see: UW6160000
3-ETHYL-3-METHYLPYRROLIDINE-2,5-DIONE see: WN2800000
3-ETHYL-3-METHYL-2,5-PYRROLIDINE-DIONE see: WN2800000
m-(3-ETHYL-1-METHYL-3-PYRROLIDINYL)PHENOL see: SL4400000
ETHYL o-(2-METHYL-3-(4(3H)-QUINAZOLINONYL)CARBANILATE see: FD9750000
alpha-ETHYL-alpha-METHYLSUCCINIMIDE see: WN2800000
2-ETHYL-2-METHYLSUCCINIMIDE see: WN2800000
O-ETHYL O-(4-(METHYLSULFINYL)PHENYL)ETHYLPHOSPHONOTHIOATE see: TB0600000
2-(6-ETHYL-3-(2-METHYLTHIAZOL-4-YL)-4-OXO-4H-1-BENZOPYRAN-7-YLOXY)ACETIC ACID ETHYL ESTER see: AH5601100
O-ETHYL O-(4-(METHYLTHIO)PHENYL)PHOSPHORODITHIOIC ACID S-PROPYL ESTER see: TE4165000
O-ETHYL O-(4-(METHYLTHIO)PHENYL) S-PROPYL PHOSPHORODITHIOATE see: TE4165000
ETHYLMETHYLTHIOPHOS see: TG1356000 PHOSPHOROTHIOIC ACID, O-ETHYL O-METHYL O-(p-NITROPHENYL)ESTER
N-ETHYL-6-METHYLTHIO-2-PYRIDINEACETAMIDE see: UR8448000
ETHYL 4-(METHYLTHIO)-m-TOLYL ISOPROPYLPHOSPHORAMIDATE see: TB3675000
O-ETHYL O-(4-METHYLTHIO-m-TOLYL) METHYLPHOSPHORAMIDOTHIOATE see: TB5600000
1-ETHYL-1-METHYL-4-(alpha-m-TOLYLBENZYL)PIPERAZINIUM IODIDE see: TM3394800
1-ETHYL-1-METHYL-4-(2-(TRIETHYLAMMONIO)ETHYL)PIPERAZINIUM DIIODIDE see: TM3395070
N-ETHYL-alpha-METHYL-3-TRIFLUOROMETHYLPHENETHYLAMINE see: SH6820000
7-ETHYL-2-METHYL-4-UNDECANOL SULFATE SODIUM SALT see: YQ2800000
ETHYL MONOBROMOACETATE see: AF6000000
ETHYL MONOCHLORACETATE see: AF9110000
ETHYL MONOCHLOROACETATE see: AF9110000
ETHYL MONOSULFIDE see: LC7200000
ETHYLMORPHINE see: QD0850000
3-O-ETHYLMORPHINE see: QD0850000
ETHYLMORPHINE HYDROCHLORIDE see: QD0874000
O-ETHYLMORPHINE HYDROCHLORIDE see: QD0874000
N-ETHYLMORPHOLINE see: QE4025000
4-ETHYLMORPHOLINE see: QE4025000
3-ETHYL-9-MORPHOLINO-2,3-DIHYDRO-1H-CYCLOPENTA(b)QUINOLINE MONOHYDROCHLORIDE see: GY5899700 1H-CYCLOPENTA(b)QUINOLINE, 2,3-DIHYDRO-3-ETHYL-9-MORPHOLINO-, MONOHYDROCHLORIDE
1-ETHYL-4-(2-MORPHOLINOETHYL)-3,3-DIPHENYL-2-PYRROLIDINONE HYDROCHLORIDE HYDRATE see: UY5770000
2-ETHYL-1-(1-(2-MORPHOLINOETHYL)-2-PYRROLYL)-1-BUTANONE HYDROCHLORIDE see: EL8577500
ETHYLNORDROL see: RC8961100
alpha-ETHYL-2-NAPHTHALENEACETIC ACID see: QJ0947800
ETHYL beta-NAPHTHOLATE see: QJ6900000
ETHYL beta-NAPHTHYL ETHER see: QJ6900000
ETHYL 2-NAPHTHYL ETHER see: QJ6900000
3-ETHYLNIRVANOL see: MU2275000
ETHYL NITRATE see: QU7900000
ETHYL NITRATE (DOT) see: QU7900000
ETHYL NITRILE see: AL7700000
ETHYL NITRITE see: RA0810000
ETHYL NITRITE (DOT) see: RA0810000
1-ETHYL-2-NITROBENZIMIDAZOLE see: DD8952000
O-ETHYL-O-((4-NITRO-FENYL)-FENYL)-MONOTHIOFOSFONAAT (Dutch) see: TB1925000
N-ETHYL-N'-NITROGUANIDINE see: MF2460000
N-ETHYL-N'-NITRO-N-NITROSOGUANIDIN see: MF2465000
N-ETHYL-N'-NITRO-N-NITROSOGUANIDINE see: MF2465000
2-ETHYL-4-NITROPHENOL see: SL4410000
ETHYL p-NITROPHENYL BENZENETHIONOPHOSPHONATE see: TB1925000
O-ETHYL O-(4-NITROPHENYL)BENZENETHIONOPHOSPHONATE see: TB1925000
ETHYL p-NITROPHENYL BENZENETHIOPHOSPHATE see: TB1925000
ETHYL p-NITROPHENYL BENZENETHIOPHOSPHONATE see: TB1925000
ETHYL p-NITROPHENYL ETHYLPHOSPHATE see: TC2275000
ETHYL 4-NITROPHENYL ETHYLPHOSPHONATE see: SZ8020000
ETHYL N-(m-NITROPHENYL)GLYCINATE see: MC0802000
ETHYL N-(o-NITROPHENYL)GLYCINATE see: MC0802100
ETHYL N-(p-NITROPHENYL)GLYCINATE see: MC0802200
O-ETHYL O-(4-NITROPHENYL) PHENYLPHOSPHONOTHIOATE see: TB1925000
O-ETHYL O-p-NITROPHENYL PHENYLPHOSPHONOTHIOLATE see: TB1925000
ETHYL p-NITROPHENYL PHENYLPHOSPHONOTHIONATE see: TB1925000
O-ETHYL O-p-NITROPHENYL PHENYLPHOSPHOROTHIOATE see: TB1925000
N-ETHYL-p-(p-NITROPHENYLTHIO)ANILINE see: BY0450000
ETHYL p-NITROPHENYL THIONOBENZENEPHOSPHATE see: TB1925000
ETHYL p-NITROPHENYL THIONOBENZENEPHOSPHONATE see: TB1925000
2-ETHYLNITROSAMIDE POTASSIUM SALT see: QY9222000
2-(ETHYLNITROSAMINO)ETHANOL see: KL0350000
1-(ETHYLNITROSAMINO)ETHYL ACETATE see: HZ8880000
(ETHYLNITROSAMINO)METHYL ACETATE see: AH5601500
4-(ETHYLNITROSOAMINO)METHYL)PYRIDINE see: UT3675000
ETHYLNITROSOANILINE see: BY0480000
N-ETHYL-N-NITROSOBENZYLAMINE see: DP5200000
ETHYLNITROSOBIURET see: EC1750000
N-ETHYL-N-NITROSOBIURET see: EC1750000
N-ETHYL-N-NITROSOBUTYLAMINE see: EO5075000
ETHYLNITROSOCARBAMIC ACID, ETHYL ESTER see: FB0350000
N-ETHYL-N-NITROSOCARBAMIC ACID ETHYL ESTER see: FB0350000
ETHYLNITROSOCYANAMIDE see: KH7250000
N-ETHYL-N-NITROSO-ETHANAMINE see: IA3500000
N-ETHYL-N-NITROSO-N'-NITROGUANIDINE see: MF2465000
ETHYL 4-NITROSO-1-PIPERAZINECARBOXYLATE see: TL1470000
ETHYLNITROSOUREA see: YT3150000
N-ETHYLNITROSOUREA see: YT3150000
N-ETHYL-N-NITROSO-UREA see: YT3150000
1-ETHYL-1-NITROSOUREA see: YT3150000
N-ETHYL-N-NITROSOURETHAN see: FB0350000
N-ETHYL-N-NITROSOURETHANE see: FB0350000
N-ETHYL-N-NITROSOVINYLAMINE see: YZ0700000
N-ETHYL-N'-(5-NITRO-2-THIAZOLYL)UREA see: YT3500000
1-ETHYL-3-(5-NITRO-2-THIAZOLYL) UREA see: YT3500000

ETHYL NONANOATE see: RA6845000
5-ETHYL 3-NONEN-2-ONE see: RA9700000
ETHYL NONYLATE see: RA6845000
ETHYL-2-NONYNOATE see: FG1605000
6-ETHYLNORAPORPHINE-10,11-DIOL DIMER HYDROCHLORIDE see: RB5938000
ETHYLNORGESTRIENONE see: JF7964000
ETHYLNORSYNEPHRINE see: DO5603000
16-beta-ETHYL-19-NORTESTOSTERONE see: KG7963000
17-ETHYL-19-NORTESTOSTERONE see: RC8961200
17-alpha-ETHYL-19-NORTESTOSTERONE see: RC8961200
N-ETHYLNORTROPINE BENZHYDRYL ETHER see: RD0525000
ETHYL OCTADECANOATE see: WI3600000
ETHYL n-OCTADECANOATE see: WI3600000
1-ETHYL-1,2,3,4,4a,9,10,10a-OCTAHYDRO-7-HYDROXY-2-METHYL-2-PHENANTHRENECARBOXYLIC ACID see: VS3150000
ETHYL OCTANOATE see: RH0680000
ETHYL OCTINE CARBONATE see: FG1605000
ETHYL OCTYLATE see: RH0680000
ETHYL OCTYNE CARBOXYLATE see: FG1605000
ETHYLOLAMINE see: KJ5775000
1-(beta-ETHYLOL)-2-METHYL-5-NITRO-3-AZAPYRROLE see: NI5600000
ETHYL ORTHOFORMATE see: RM6475000
ETHYL ORTHOFORMATE (DOT) see: RM6475000
ETHYL ORTHOSILICATE see: VV9450000
ETHYL OXALATE see: RO2800000
ETHYL OXALATE (DOT) see: RO2800000
ETHYL 3-OXATRICYCLO-(3.2.1.0(sup 2,4))OCTANE-6-CARBOXYLATE see: RP5550000
ETHYL beta-OXOBENZENEPROPANOATE see: AF4878000 ACETIC ACID, BENZOYL-, ETHYL ESTER
ETHYL 3-OXOBUTANOATE see: AK5250000
ETHYL 3-OXOBUTYRATE see: AK5250000
16-alpha-ETHYL-21-((1-OXODODECYL)OXY)-19-NORPREGN-4-ENE-3,20-DIONE see: RC8960600
alpha-ETHYL 3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOHYDROCINNAMIC ACID SODIUM SALT see: MW5284000
ETHYL 4-OXOPENTANOATE see: OI1700000
5-ETHYL-1-(2-OXO-4-PIPERIDINOBUTYL)-5-PHENYLBARBITURIC ACID HYDROCHLORIDE see: CQ6694000BARBITURIC ACID, 5-ETHYL-1-(2-OXO-4-PIPERIDINOBUTYL)-5-PHENYL-, HYDROCHLORIDE
cis-2-(3-ETHYL-4-OXO-5-PIPERIDINO-2-THIAZOLIDINYLIDENE)ACETIC ACID see: XJ5131750
alpha-ETHYL 3-(2-OXOPIPERIDINO)-2,4,6-TRIIODOHYDROCINNAMIC ACID SODIUM SALT see: MW5284500
(3-ETHYL-4-OXO-5-(1-PIPERIDINYL)-2-THIAZOLIDINYLIDENE)ACETIC ACID ETHYL ESTER see: XJ5131750
8-ETHYL-5-OXO-2-(1-PYRROLIDINYL)-5,8-DIHYDROPYRIDO(2,3-d)PYRIMIDINE-6-CARBOXYLIC ACID see: UV1153900
alpha-ETHYL-3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOHYDROCINNAMIC ACID SODIUM SALT see: MW5285000
ETHYL 4-OXOVALERATE see: OI1700000

LB8450000 ETHYL OXYHYDRATE

UPDT 8305 CAS: 1338-05-2

TOXICITY DATA AND REFERENCES:

1F24 orl-rat LD50:14700 mg/kg FCTXAV 2,327,64

ETHYLPAPAVERINE see: NW7524000
ETHYL PARABEN see: DH2190000
ETHYL PARAOXON see: TC2275000
ETHYL PARASEPT see: DH2190000
ETHYL PARATHION see: TF4550000
S-ETHYL PARATHION see: TF4900000
ETHYL PELARGONATE see: RA6845000
3-ETHYL-3-PENTANOL see: SA6780000
N-ETHYL-m-(PENTYLOXY)CARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE see: FD8930000
N-ETHYL-m-(PENTYLOXY)CARBANILIC ACID 2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE see: FD8940000
2-(((1-ETHYLPENTYL)OXY)ETHANOL see: KL0700000
2-(((1-ETHYLPENTYL)OXY)ETHOXY)ETHANOL see: KL0875000
5-(1-ETHYLPENTYL)-3-((TRICHLOROMETHYL)THIO)HYDANTOIN see: MU2400000
3-ETHYL-1-PENTYN-3-OL see: SC4857000
ETHYL PERCHLORATE see: SC7970000
ETHYL PERCHLORATE (DOT) see: SC7970000
ETHYL PEROXYCARBONATE see: SD9678500
2-ETHYLPEROXYHEXANOIC ACID tert-PENTYL ESTER see: SE0540000
ETHYLPHENACEMIDE see: YU1725000
ETHYL PHENACETATE see: AJ2824000
beta-ETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH6530000
o-ETHYLPHENOL see: SL4025000
2-ETHYLPHENOL see: SL4025000
N-ETHYL-N-(1-PHENOXY-2-PROPYL)-2-(2-METHYLPIPERIDINO)ACETAMIDE HYDROCHLORIDE see: AB8785000
ETHYL PHENYLACETATE see: AJ2824000
N-alpha-ETHYLPHENYLACETYL-N'-ACETYL UREA see: YR7175000
ETHYL PHENYLACETYLENECARBOXYLATE see: UE0110000
1-(((ETHYL)PHENYLACETYL)UREA see: YU1275000
ETHYLPHENYLAMINE see: BX9780000
(R)-N-ETHYL-2-((PHENYLAMINO)CARBONYLOXY)PROPANAMIDE see: FD8900000
1-(2-(ETHYLPHENYLAMINO)ETHYL)-3-METHYL-4-PHENYL-4-PROPIONYLOXYPIPERIDINE DIHYDROCHLORIDE see: TN7330000 4-PIPERIDINOL, 1-(2-(N-ETHYLANILINO)ETHYL)-3-METHYL-4-PHENYL-, PROPIONATE,DIHYDROCHLORIDE
3-ETHYL-3-PHENYL-2-AZETIDINONE see: CM4553000
N-ETHYL-p-(PHENYLAZO)ANILINE see: BY0500000
N-ETHYL-4-(PHENYLAZO)BENZENAMINE see: BY0500000
p-((m-ETHYLPHENYL)AZO)-N,N-DIMETHYLANILINE see: BY0525000
p-((p-ETHYLPHENYL)AZO)-N,N-DIMETHYLANILINE see: BY0700000
p-(4-ETHYLPHENYLAZO)-N-METHYLANILINE see: BY0800000
N-ETHYL-1-((p-(PHENYLAZO)PHENYL)AZO)-2-NAPHTHALENAMINE see: QM2850000
N-ETHYL-1-((4-(PHENYLAZO)PHENYL)AZO)-2-NAPHTHYLAMINE see: QM2850000
N-ETHYL-N-(p-(PHENYLAZO)PHENYL)HYDROXYLAMINE see: NC3567000
5-ETHYL-5-PHENYLBARBITURIC ACID see: CQ6825000
5-ETHYL-5-PHENYLBARBITURIC ACID SODIUM see: CQ7000000
5-ETHYL-5-PHENYLBARBITURIC ACID SODIUM SALT see: CQ7000000
N-ETHYL-3-PHENYLBICARBAMIMIDE see: DT4393600
5-ETHYL-6-PHENYL-3,8-BIS(DIMETHYLAMINO)PHENANTHRIDINIUM BROMIDE see: SF8120000
O-ETHYL S-PHENYL N-BUTYLAMIDODITHIOPHOSPHATE see: TB4680000
ETHYL-N-PHENYLCARBAMATE see: FD8925000
3-ETHYLPHENYL CARBAMATE see: FB0420000
ETHYL PHENYLCARBAMOYLOXYPHENYLCARBAMATE see: FD0425000
ETHYL PHENYL CARBINOL see: DO5470000
3-((11-ETHYL-12-PHENYL-6H-DIBENZO(b,f)THIOCIN-3-YL)OXY)-1,2-PROPANEDIOL HYDRATE (4:1) see: TY6744200
3-((10-ETHYL-11-PHENYLDIBENZ(b,f)OXEPIN-3-YL)OXY)-1,2-PROPANEDIOL see: TY6744400
ETHYLPHENYLDICHLOROSILANE see: VV3270000
ETHYL PHENYL DICHLOROSILANE (DOT) see: VV3270000
3-((6-ETHYL-5-PHENYL-11,12-DIHYDRODIBENZO(a,e)CYCLOOCTEN-2-YL)OXY)-1,2-PROPANEDIOL see: TY6744600
3-ETHYL-3-PHENYL-2,6-DIKETOPIPERIDINE see: MA4725000
3-ETHYL-3-PHENYL-2,6-DIOXOPIPERIDINE see: MA4725000
m-ETHYLPHENYL ESTER of CARBAMIC ACID see: FB0420000
ETHYL 2-PHENYLETHANOATE see: AJ2824000
O-ETHYL S-PHENYL ETHYLDITHIOPHOSPHONATE see: TA5750000
R-(+)-ETHYL-1-(1-PHENYLETHYL)-1H-IMIDAZOLE-5-CARBOXYLATE SULFATE see: NI4021500
O-ETHYL-S-PHENYL ETHYLPHOSPHONODITHIOATE see: TA5950000
3-(o-ETHYLPHENYL)-5-(m-FLUOROPHENYL)-s-TRIAZOLE see: XZ4911000
2-ETHYL-2-PHENYLGLUTACONIMIDE see: UT2813700
alpha-ETHYL-alpha-PHENYLGLUTARIMIDE see: MA4725000
2-ETHYL-2-PHENYLGLUTARIMIDE see: MA4725000
ETHYL PHENYLGLYCIDATE see: MB4970000
ETHYL 3-PHENYLGLYCIDATE see: MB4970000
5-ETHYL-5-PHENYLHEXAHYDROPYRIMIDINE-4,6-DIONE see: UV9100000
3-ETHYL-5-PHENYLHYDANTOIN see: MU2450000
(-)-5-ETHYL-5-PHENYLHYDANTOIN see: MU2452100
l-5-ETHYL-5-PHENYLHYDANTOIN see: MU2452100
3-ETHYL-5-PHENYLIMIDAZOLIDIN-2,4-DIONE see: MU2450000
1-ETHYL-3-((1-PHENYLIMIDAZOL-2-YLTHIO)ACETYL)UREA see: YT3610000
ETHYL-5 PHENYL-5 ISOPROPYLOXY-2 PYRIMIDINEDIONE-4,6 (French) see: UV9100600
ETHYL-5 PHENYL-5 ISOPROPYLOXY-4 PYRIMIDINEDIONE-2,6 (French) see: YR0210000
ETHYL-5 PHENYL-5 ISOPROPYL-1 PYRIMIDINETRIONE (French) see: CQ5492000
ETHYL PHENYL KETONE see: UG7175000
trans-4-(1-ETHYL-2-(4-(PHENYLMETHOXY)PHENYL)-1-BUTENYL)PHENOL see: WJ6968000
3-(o-ETHYLPHENYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE see: XZ4912000
3-(o-ETHYLPHENYL)-5-(p-METHOXYPHENYL)-s-TRIAZOLE see: XZ4911900
3-(2-ETHYLPHENYL)-5-(3-METHOXYPHENYL)-1H-1,2,4-TRIAZOLE see: XZ4912000
5-(2-ETHYLPHENYL)-3-(3-METHOXYPHENYL)-s-TRIAZOLE see: XZ4912000
5-(2-ETHYLPHENYL)-3-(3-METHOXYPHENYL)-1H-1,2,4-TRIAZOLE see: XZ4912000
5-(p-ETHYLPHENYL)-3-METHOXY-as-TRIAZINE see: XY9240000
5-(p-ETHYLPHENYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY9245000
O-ETHYL PHENYL p-NITROPHENYL THIOPHOSPHONATE see: TB1925000
2-ETHYL-2-PHENYL 1,3-OXATHIOLANE-5-METHANOL CARBAMATE see: RP5464000
N-ETHYL-alpha-PHENYLPHENETHYLAMINE HYDROCHLORIDE see: SH6900000
ETHYL 4-PHENYL-1-(2-(PHENYLAMINO)ETHYL)PIPERIDINE-4-CARBOXYLATE ETHANESULFONATE see: NS5265000
3-(o-ETHYLPHENYL)-5-PHENYL-s-TRIAZOLE see: XZ4915100
O-ETHYL PHENYLPHOSPHONOTHIOATE, O-ESTER with p-HYDROXYBENZONITRILE see: TB1750000
3-ETHYL-3-PHENYL-2,6-PIPERIDINEDIONE see: MA4725000
3-(o-ETHYLPHENYL)-5-PIPERONYL-s-TRIAZOLE see: XZ4915200
ETHYL PHENYLPROPIOLATE see: UE0110000
ETHYL 3-PHENYLPROPIOLATE see: UE0110000
ETHYL PHENYLPROPYNOATE see: UE0110000
ETHYL 3-PHENYLPROPYNOATE see: UE0110000
4-ETHYL-2-PHENYL-PYRAZOLO(1,5-a)PYRIMIDIN-7(4H)-ONE see: UR0801000
5-ETHYL-5-PHENYL-2,4,6-(1H,3H,5H)PYRIMIDINETRIONE see: CQ6825000
5-ETHYL-5-PHENYL-2,4,6-(1H,3H,5H)PYRIMIDINETRIONE MONOSODIUM SALT see: CQ7000000
3-ETHYL-3-PHENYL-2-PYRROLIDINONE see: UY5770200
3-ETHYL-3-PHENYL-PYRROLIDONE-2 see: UY5770200
2-(p-(beta-ETHYL-alpha-PHENYLSTYRYL)PHENOXY)TRIETHYLAMINE see: YE2102000
1-(4-(p-ETHYLPHENYL)-2-THIAZOLYL)HYDANTOIN see: MU2452200
alpha-ETHYL-p-PHENYL-alpha-TOLUIC ACID see: ES7400060
alpha-ETHYL-p-PHENYL-alpha-TOLUIC ACID see: ES7400000
6-ETHYL-5-PHENYL-as-TRIAZINE-3-THIOL see: XZ0920000
alpha-ETHYL-alpha-PHENYL-3-(TRIFLUOROMETHYL)-BENZENEMETHANOL see: DC8525000
3-(o-ETHYLPHENYL)-5-(2,3-XYLYL)-s-TRIAZOLE see: XZ4915300
ETHYL PHOSPHATE see: TC7900000
ETHYLPHOSPHONIC ACID ETHYL p-NITROPHENYL ESTER see: SZ8020000
ETHYL PHOSPHONOTHIOIC DICHLORIDE, ANHYDROUS (DOT) see: TD4400000
ETHYL PHOSPHONOUS DICHLORIDE, anhydrous (DOT) see: TB2465000
ETHYL PHOSPHORODICHLORIDATE see: TD4390000
ETHYL PHOSPHORODICHLORIDATE (DOT) see: TD4390000
ETHYL PHTHALATE see: TI1050000
5-ETHYL-alpha-PICOLINE see: TJ6825000
5-ETHYL-2-PICOLINE see: TJ6825000
2-(4-ETHYL-1-PIPERAZINYL)ETHYL ESTER of FLUORENECARBOXYLIC ACID DIHYDROCHLORIDE see: LL6470000
2-(4-ETHYL-1-PIPERAZINYL)-4-PHENYLQUINOLINE DIHYDROCHLORIDE see: VB8350000
1-ETHYLPIPERIDINE see: TN0250000
alpha-ETHYL-1-PIPERIDINEACETIC ACID 2,6-XYLYL ESTER HYDROCHLORIDE see: TM3547000
1-ETHYL PIPERIDINE (DOT) see: TN0250000
5-ETHYL-5-PIPERIDINOBARBITURIC ACID see: CQ7024500
5-ETHYL-5-PIPERIDINOBARBITURIC ACID HYDROCHLORIDE see: CQ7024630
5-ETHYL-5-(2-PIPERIDINOETHYL)BARBITURIC ACID HYDROCHLORIDE see: CQ7024600
10-(N-ETHYL-N-(2-PIPERIDINOETHYL)GLYCYL)PHENOTHIAZINE DIMALEATE see: SP0218000
3-((2-ETHYLPIPERIDINO)METHYL)INDOLE see: NL8762200
2-ETHYL-3-(beta-PIPERIDINO-p-PHENETIDINO)PHTHALIMIDINE see: TI5695400 PHTHALIMIDINE, 2-ETHYL-3-(beta-PIPERIDINO-p-PHENETIDINO)-
ETHYL 4-(3-PIPERIDINOPROPIONYLAMINO)SALICYLATE, METHIODIDE see: TN4700600
ETHYL PIPERIDYLACETYLAMINOBENZOATE see: DH6476400
8-(1-ETHYL-4-PIPERIDYL)THEOPHYLLINE HYDROCHLORIDE see: XH5615000
O-ETHYL POTASSIUM DITHIOCARBONATE see: FG1575000
ETHYL POTASSIUM XANTHATE see: FG1575000
ETHYL POTASSIUM XANTHOGENATE see: FG1575000
N-ETHYL-1,3-PROPANEDIAMINE mixed with SODIUM NITRITE see: TX8039000
ETHYL PROPENOATE see: AT0700000
ETHYL 2-PROPENOATE see: AT0700000
ETHYL 1-PROPENYL ETHER see: KO0525000
ETHYL PROPIONATE see: UF3675000
ETHYL PROPIONATE (DOT) see: UF3675000
N-ETHYL-m-PROPOXYCARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE see: FD8950000
N-ETHYL-m-PROPOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE see: FD8960000
alpha-ETHYL-beta-n-PROPYLACROLEIN see: MP6300000
2-ETHYL-3-PROPYL ACROLEIN see: MP6300000
2-(ETHYLPROPYLAMINO)-2',6'-BUTYROXYLIDIDE see: EJ3617000
(+-)-2-(N-ETHYLPROPYLAMINO)-2',6'-BUTYROXYLIDIDE HYDROCHLORIDE see: EU5435000
ETHYL N-n-PROPYLCARBAMATE see: FD1050000
N-(1-ETHYLPROPYL)-3,4-DIMETHYL-2,6-DINITROBENZENAMINE see: BX5470000
2-ETHYL-3-PROPYL-2,3-EPOXYPROPIONAMIDE see: MN8050000
ETHYL PROPYL ETHER see: KO0600000
ETHYL n-PROPYL ETHER see: KO0600000
ETHYL PROPYL ETHER (DOT) see: KO0600000

BEST COPY AVAILABLE

2-ETHYL-3-PROPYLGLYCIDAMIDE see: MN8050000
ETHYL PROPYL KETONE see: MP1575000
2-ETHYL-3-PROPYL-1,3-PROPANEDIOL see: MO2625000
O-ETHYL PROPYLTHIOCARBAMATE see: FD3920350 CARBAMOTHIOIC ACID, PROPYL-, O-ETHYL ESTER
O-ETHYL S-PROPYL O-(2,4,6-TRICHLOROPHENYL)PHOSPHOROTHIOATE see: TG1380000
4-ETHYL-1-PROPYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE see: YJ9280000
20-ETHYLPROSTAGLANDIN F2-alpha see: MJ9653000
ETHYLPROTAL see: CU6125000
ETHYL PTS see: XT6825000
ETHYL PYRAZINYL PHOSPHOROTHIOATE see: TF5775000
2-ETHYL-4-PYRIDINECARBOTHIOAMIDE see: NS0350000
5-ETHYL-2-PYRIDINETHIOACETAMIDE see: UR8449800
2-(1-ETHYL-4(1H)-PYRIDINYLIDENE)-1,3-INDANDIONE see: NK5669000
2-(1-ETHYL-4(1H)-PYRIDINYLIDENE)-1H-INDENE-1,3(2H)-DIONE see: NK5669000
2-ETHYL PYROMECONIC ACID see: UQ0840000
ETHYL PYROPHOSPHATE, TETRA- see: UX6825000
5-ETHYL-5-(1-PYRROLIDINYL)BARBITURIC ACID see: CQ7062200
1-ETHYL-3-PYRROLIDINYL BENZILATE ETHYL BROMIDE see: UY4300000
N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE MONOHYDROCHLORIDE see: UV7714500
N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-(ETHYLSULFONYL)-o-ANISAMIDE see: BZ3390000
N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-2-METHYL-5-PYRIMIDINECARBOXAMIDE see: UV7714350
(R)-(+)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-2-METHYL-5-PYRIMIDINECARBOXAMIDE see: UV7714400
(S)-(-)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-2-METHYL-5-PYRIMIDINECARBOXAMIDE see: UV7714450
N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXYNICOTINAMIDE see: QS4473800
N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-2-METHYL-4-PROPOXY-5-PYRIMIDINECARBOXAMIDE see: UV7714600
N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-2-METHOXY-5-SULFAMOYLBENZAMIDE see: BZ3400000
N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-o-ANISAMIDE see: BZ3400000
(S)-(-)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-o-ANISAMIDE see: BZ3400100
O-ETHYL O-6-QUINOLINYL METHYLPHOSPHONOTHIOATE see: TB1450000
ETHYL RHODANATE see: XK9900000
ETHYL SALICYLATE see: VO3000000
ETHYL SEBACATE see: VS1180000
ETHYL SELENAC see: VT0700000
4'-(ETHYLSELENO)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE see: UJH1764500
ETHYL SELERAM see: VT0700000
ETHYL SILICATE see: VV9450000
ETHYL SILICATE (DOT) see: VV9450000
ETHYL SILICON TRICHLORIDE see: VV4200000
ETHYL (SODIUM o-MERCAPTOBENZOATO)MERCURY see: OV8400000
ETHYL STEARATE see: WI3600000
ETHYLSTIBAMINE see: CJ1330000
alpha-ETHYL-4,4'-STILBENEDIOL see: WJ5905000
ETHYLSTILBESTROL see: WJ5905000
ETHYLSTILBOESTROL see: WJ5905000
ETHYL SUCCINATE see: WM7400000
O-p-(ETHYLSULFAMOYL)PHENYL O,O-DIMETHYL PHOSPHOROTHIOATE see: TF6900000
ETHYL SULFATE see: WS7875000
ETHYL SULFATE see: WT1101700
ETHYL SULFHYDRATE see: KI9625000

LC7200000 ETHYL SULFIDE

UPDT 6312 CAS: 352-93-2 MW: 90.20 MOLFM: (C4-H10-S)
SYN: DIETHYLSULFID (Czech) * DIETHYL SULFIDE * DIETHYL SULFIDE (DOT) * DIETHYLTHIOETHER * ETHANE, 1,1'-THIOBIS- * ETHYL MONOSULFIDE * ETHYLTHIOETHANE * ETHYL THIOETHER * SULFODOR (Czech) * 3-THIAPENTANE * THIOETHYL ETHER * UN 2375 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD 28ZPAK ,170,72
eye-rbt 20 mg/24H SEV 28ZPAK ,170,72

TOXICITY DATA AND REFERENCES:

orl-rat LD50:5930 mg/kg 28ZPAK ,170,72

STANDARDS & REGULATIONS:

★ DOT-IMO-FLAMMABLE LIQUID, LABEL-FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983.

5-(2-(ETHYLSULFINYL)ETHYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TG1420000
5-2-ETHYL-SULFINYL-1-METHYL-ETHYL-O,O-DIMETHYL-MONOTHIOFOSFAAT (Dutch) see: TG1575000
ETHYL SULFOCYANATE see: XK9900000
ETHYLSULFONAL see: EJ5250000
1-(2-(ETHYLSULFONYL)-ETHYL)-2-METHYL-5-NITROIMIDAZOLE see: NI6251000
1-(ETHYLSULFONYL)-4-FLUOROBENZENE see: WR6475000
4-(ETHYLSULFONYL)-4-(m-METHOXYPHENYL)-1-METHYLPIPERIDINE HYDRO)CHLORIDE see: TN0371000
8-(ETHYLSULFONYL)-10-(2-(METHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE see: HO2580000
3-(ETHYLSULFONYL)-N-METHYL-5-(METHYLAMINO)-as-TRIAZINE-6-CARBOXAMIDE see: XY5046200
4-(ETHYLSULFONYL)-1-METHYL-4-PHENYLPIPERIDINE HYDROCHLORIDE see: TN0372000
m-(4-(ETHYLSULFONYL)-1-METHYL-4-PIPERIDYL)PHENOL ACETATE HYDROCHLORIDE see: SL4597000
4-(ETHYLSULFONYL)-1-NAPHTHALENESULFONAMIDE see: QK0810000
4-(ETHYLSULFONYL)-4-PHENYL-1-(p-TOLYLSULFONYL)PIPERIDINE see: TN0373000
ETHYLSULFONYL-8 TRIMETHYL-N,N,5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French) see: HO1124000
ETHYL ((p-SULFOPHENYL)THIO)MERCURY, SODIUM SALT see: OW3780900
ETHYLSULFURIC ACID see: WT1101700
5-2-ETHYL-SULPHINYL-1-METHYL-ETHYL-O,O-DIMETHYL PHOSPHOROTHIOLLATE see: TG1575000
4-ETHYLSULPHONYLNAPHTHALENE-1-SULFONAMIDE see: QK0810000
4-ETHYLSULPHONYLNAPHTHALENE-1-SULPHONAMIDE see: QK0810000
ETHYLSULPHURIC ACID (DOT) see: WT1101700
ETHYL TELLURAC see: WY2950000
5-ETHYL-4'-(1,2,3,4-TETRAHYDRO-2-NAPHTHYL)SPIRO(MORPHOLINE-6,4'-PIPERIDINE) see: WH1316830
3-ETHYL-5,6,7,8-TETRAHYDRO-5',5',8,8'-TETRAMETHYL-2'-ACETONAPHTHONE see: AL3031000
1-(3-ETHYL-5,6,7,8-TETRAHYDRO-5,5,8,8-TETRAMETHYL-2-NAPHTHALENYL)-ETHANONE see: AL3031000
ETHYL TETRAPHOSPHATE see: XF1575000
ETHYL TETRAPHOSPHATE, HEXA- see: XF1575000
5-ETHYL-2,4-THIAZOLIDINEDIONE-2-HYDRAZONE see: XJ5813300
1-(4-ETHYL-2-THIAZOLYL)HYDANTOIN see: MU2452300
ETHYL THIOALCOHOL see: KI9625000
2-ETHYL-4-THIOAMIDYLPYRIDINE see: NS0350000
2-ETHYLTHIO-4,6-BIS(ISOPROPYLAMINO)-s-TRIAZINE see: XY4100000
2-ETHYL-4-THIOCARBAMOYLPYRIDINE see: NS0350000
ETHYL THIOCYANATE see: XK9900000
ETHYL THIOCYANATOACETATE see: AJ6200000
ETHYL THIOCYANOACETATE see: AJ6200000
ETHYLTHIOETHANE see: LC7200000
ETHYL THIOETHER see: LC7200000
ETHYLTHIOETHYL ACRYLATE see: AT1260000 ACRYLIC ACID, 2-(ETHYLTHIO)ETHYL ESTER
beta-(ETHYLTHIO)ETHYL ACRYLATE see: AT1260000 ACRYLIC ACID, 2-(ETHYLTHIO)ETHYL ESTER
2-(ETHYLTHIO)ETHYL ACRYLATE see: AT1260000 ACRYLIC ACID, 2-(ETHYLTHIO)ETHYL ESTER
S-2-(ETHYLTHIO)ETHYL O,O-DIETHYL ESTER of PHOSPHORODITHIOIC ACID see: TD9275000
2-ETHYLTHIOETHYL O,O-DIMETHYL PHOSPHORODITHIOATE see: TE4375000
S-(2-(ETHYLTHIO)ETHYL) DIMETHYL PHOSPHOROTHIOLATE see: TG1750000
S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYLPHOSPHORODITHIONATE see: TE4375000
O-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TG1650000
S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL PHOSPHOROTHIOATE see: TG1750000
S(and O)-2-(ETHYLTHIO)ETHYL O,O-DIMETHYL PHOSPHOROTHIOATE see: TG1760000
S-(2-(ETHYLTHIO)ETHYL)DIMETHYL PHOSPHOROTHIOLOTHIONATE see: TE4375000
2-(ETHYLTHIO)ETHYL DIMETHYL PHOSPHOROTHIONATE see: TG1650000
S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL THIOPHOSPHATE see: TG1750000
4-(ETHYLTHIO)-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME see: UU4025300
alpha-ETHYLTHIOISONICOTINAMIDE see: NS0350000
2-ETHYLTHIOISONICOTINAMIDE see: NS0350000
beta-ETHYLTHIO-beta-(4-METHOXYPHENYL)ETHYLAMINE HYDROCHLORIDE see: SH6911000
8-(ETHYLTHIO)-10-(2-(METHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE FUMARATE see: HO2583000
6-(ETHYLTHIO)-N,N'-BIS(1-METHYLETHYL)-1,3,5-TRIAZINE-2,4-DIAMINE see: XY4100000
beta-(ETHYLTHIO)-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH6912000
2-((ETHYLTHIO)METHYL)PHENOL METHYLCARBAMATE see: FC2628000
(2-ETHYLTHIOMETHYL-PHENYL)-N-METHYLCARBAMATE see: FC2628000
2-((ETHYLTHIO)METHYL)PHENYL METHYLCARBAMATE see: FC2628000
O-(2-(ETHYLTHIO)-6-METHYL-4-PYRIMIDINYL) O-METHYL METHYLPHOSPHONOTHIOATE see: TB1470000
ETHYLTHIOMETON SULFOXIDE see: TD8600000
ETHYLTHIOPERAZINE see: SP0280000
ETHYL THIOPHANATE see: BA3650000
beta-ETHYLTHIO-beta-PHENYLETHYLAMINE HYDROCHLORIDE see: SH6910000
1-ETHYLTHIO-1-PHENYLISOPROPYLAMINE HYDROCHLORIDE see: SH6912000
gamma-ETHYLTHIO-gamma-PHENYLPROPYLAMINE HYDROCHLORIDE see: UI2845000
5-ETHYLTHIO-2-PYRIDINEACETAMIDE see: UR8449800
ETHYL THIOPYROPHOSPHATE see: XN4375000
ETHYLTHIO-8 TRIMETHYL-N,N,5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French) see: HO1125000
(ETHYLTHIO)TRIOCTYLSTANNANE see: WH8260000
ETHYL THIRAM see: JO1225000
ETHYL THIUDAD see: JO1225000
ETHYL THIURAD see: JO1225000
ETHYLTIN TRICHLORIDE see: WH8270000
ETHYL alpha-TOLUATE see: AJ2824000
o-ETHYLTOLUENE see: XT2500000
2-ETHYLTOLUENE see: XT2500000
ETHYL-p-TOLUENESULFONATE see: XT6825000
N-ETHYLTOLUIDINE see: XU6400000
N-ETHYL-m-TOLUIDINE (DOT) see: XU6400000
N-ETHYL-o-TOLUIDINE (DOT) see: XU6440000
N-ETHYL-p-TOLUIDINE (DOT) see: XU6450000
2-(N-ETHYL-m-TOLUIDINO)ETHANOL see: KL1320000
p-((3-ETHYL-p-TOLYL)AZO)-N,N-DIMETHYLANILINE see: BY1050000
p-((4-ETHYL-m-TOLYL)AZO)-N,N-DIMETHYLANILINE see: BY1225000
4-ETHYL-m-TOLYL ESTER of CARBAMIC ACID see: FB0705000
5-ETHYL-m-TOLYL ESTER of CARBAMIC ACID see: FB0706000
O-ETHYL S-p-TOLYL ETHYLPHOSPHONODITHIOATE see: TA6125000
1-ETHYL-3-p-TOLYLTRIAZENE see: XY2760000
ETHYL TOSYLATE see: XT6825000
ETHYL p-TOSYLATE see: XT6825000
2-ETHYL-N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)BUTYRAMIDE see: ES4480000
2-ETHYL-N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)HEXANAMIDE see: MN8070000
ETHYL TRICHLOROPHENYLETHYLPHOSPHONOTHIOATE see: TB0700000
O-ETHYL O-2,4,5-TRICHLOROPHENYL ETHYLPHOSPHONOTHIOATE see: TB0700000
ETHYL TRICHLOROSILANE see: VV4200000
ETHYL TRICHLOROSILANE (DOT) see: VV4200000
ETHYLTRICHLOROSTANNANE see: WH8270000
ETHYLTRICHLOROTIN see: WH8270000
3-ETHYLTRICYCLOQUINAZOLINE see: YD2900000
4-ETHYL-4-(2-(TRIETHYLAMMONIO)ETHYL)MORPHOLINIUM DIIODIDE see: QF3212000
alpha-ETHYL-3-(TRIFLUOROMETHYL)BENZHYDROL see: DC8525000
N-ETHYL-4-(3-TRIFLUOROMETHYLPHENOXY)-1-PIPERIDINECARBOXAMIDE see: TM6104000
alpha-ETHYL-3'-(TRIFLUOROMETHYL)-1-PYRROLIDINEACETANILIDE see: UX9663400
alpha-ETHYL-beta-(2,4,6-TRIIODO-3-BUTYRAMIDOPHENYL)ACRYLIC ACID SODIUM SALT see: GD8430000
ETHYL 3,7,11-TRIMETHYLDODECA-2,4-DIENOATE see: JR1700000
ETHYL(2E,4E)-3,7,11-TRIMETHYL-2,4-DODECADIENOATE see: JR1706000
ETHYL (2E,4E)-3,7,11-TRIMETHYL-DODECA-2,4-DIENOATE see: JR1700000
4-ETHYL-2,6,7-TRIOXA-1-ARSABICYCLO(2.2.2)OCTANE see: YJ8960000
ETHYLTRIPHENYLPHOSPHONIUM IODIDE see: TA2312000
ETHYL TUADS see: EU9850000
ETHYL TUADS see: JO1225000
ETHYL TUEX see: JO1225000
ETHYL UNDECENOATE see: YQ2978400
ETHYL 10-UNDECENOATE see: YQ2978400
ETHYL UNDECYLENATE see: YQ2978400
ETHYLUREA see: YT2335000
N-ETHYLUREA see: YT2335000
1-ETHYLUREA see: YT2335000
ETHYLUREA and SODIUM NITRITE (1:1) see: YT3648000
ETHYLUREA and SODIUM NITRITE (2:1) see: YT3650000
ETHYLURETHAN see: FA8400000
ETHYL URETHANE see: FA8400000
O-ETHYLURETHANE see: FA8400000
ETHYL VANILLIN see: CU6125000
((ETHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BQ6050000
ETHYL VINYL ETHER see: KO0710000
ETHYLVINYLNITROSAMINE see: YZ0700000
5-ETHYL-2-VINYLPYRIDINE see: UT3850000
ETHYL XANTHATE see: FG1370000
ETHYLXANTHIC ACID see: FG1370000
ETHYLXANTHIC ACID POTASSIUM SALT see: FG1575000
ETHYLXANTHIC DISULFIDE see: LQ7700000
ETHYL XANTHOGENATE see: FG1370000

ETHYL XANTHOGEN DISULFIDE see: LQ7700000
ETHYL-p-XENYLACETIC ACID see: ES7400000
4-ETHYL-2,5-XYLYL ESTER of CARBAMIC ACID see: FB0750000
1-ETHYL-3-((1-(2,6-XYLYL)IMIDAZOL-2-YLTHIO)ACETYL)UREA see: YT3860500
ETHYL ZIMATE see: ZH0350000
ETHYL ZIMATE see: ZH3325000
ETHYL ZIRAM see: ZH0350000
ETHYMAL see: WN2800000
ETHYMIDINE see: UV7065000
ETHYNE see: AO9600000
ETHYNE, DICHLORO- (9CI) see: AP1080000
ETHYNE, DIIODO- see: AP1135000
ETHYNERONE see: RC8900000
17-alpha-ETHYNIL-delta-4-ESTRENE-17-beta-OL see: RC8964300
ETHYNILOESTRENOL see: RC8964300
ETHYNODIOL see: RC8961500
ETHYNODIOL ACETATE see: RC8963000
ETHYNODIOL DIACETATE see: RC8963000
beta-ETHYNODIOL DIACETATE see: RC8963000
ETHYNODIOL DIACETATE mixt. with ETHYNYLESTRADIOL see: RC8945300
ETHYNODIOL DIACETATE mixed with MESTRANOL see: RC8964000
ETHYNODIOL mixed with MESTRANOL see: RC8964200
17-alpha-ETHYNYL-17-beta-ACETOXY-19-NORANDROST-4-EN-3-ONE see: RC8965000
alpha-ETHYNYLBENZYL CARBAMATE see: DO5950000
2-ETHYNYL-2-BUTANOL see: SC4900000
2-ETHYNYL-2-BUTYL CARBAMATE see: SC5075000
ETHYNYLCARBINOL see: UK5075000
1-ETHYNYLCYCLOHEXANOL see: GV9100000
1-ETHYNYL-1-CYCLOHEXANOL see: GV9100000
1-ETHYNYLCYCLOHEXAN-1-OL see: GV9100000
1-ETHYNYLCYCLOHEXANOL CARBAMATE see: GV9275000
1-(1-ETHYNYLCYCLOHEXYL)-3-AZETIDINOL METHYLCARBAMATE (ester) HYDROCHLORIDE see: CM4398800
1-ETHYNYLCYCLOHEXYL CARBAMATE see: GV9275000
1-ETHYNYLCYCLOHEXYL CARBANILATE see: FD8940000
5-ETHYNYL-2'-DEOXYURIDINE see: YU7510000
17-alpha-ETHYNYL-3,17-DIHYDROXY-4-ESTRENE DIACETATE see: RC8963000
17-ETHYNYL-3,17-DIHYDROXY-1,3,5-OESTRATRIENE see: RC8925000
ETHYNYLDIMETHYLCARBINOL see: ES0810000
17-alpha-ETHYNYL-6-alpha,21-DIMETHYLTESTOSTERONE see: BV8510000
(2-alpha,5-alpha,17-alpha)-2-ETHYNYL-A,19-DINORPREGN-20-YNE-2,17-DIOL see: JF8340000
(2-beta,5-alpha,17-alpha)-2-ETHYNYL-A,19-DINORPREGN-20-YNE-2,17-DIOL DIACETATE see: JF8350000
(2-alpha,5-alpha,17-alpha)-2-ETHYNYL-A,19-DINORPREGN-20-YNE-2,17-DIOL DIPROPIONATE see: JF8360000
(2-beta,5-alpha,17-alpha)-2-ETHYNYL-A,19-DINORPREGN-20-YNE-2,17-DIOL DIPROPIONATE see: JF8370000
ETHYNYLENEBIS(CARBONYLOXY)BIS(TRIPHENYLSTANNANE) see: WH8272500
ETHYNYLESTRADIOL see: RC8925000
17-alpha-ETHYNYLESTRADIOL see: RC8925000
17-alpha-ETHYNYLESTRADIOL-17-beta see: RC8925000
ETHYNYLESTRADIOL 3-DIMETHYLAMINOPROPIONATE ALUMINUM TANNATE see: RC8942000
ETHYNYLESTRADIOL 3-DIMETHYLAMINOPROPIONATE ZINC TANNATE see: RC8943000
ETHYNYLESTRADIOL mixt. with ETHYNODIOL DIACETATE see: RC8945300
ETHYNYLESTRADIOL-LYNESTRENOL mixt. see: RC8945400
ETHYNYLESTRADIOL-MAGESTROL ACETATE see: TU4140000
ETHYNYLESTRADIOL 3-METHYL ETHER see: RC8960000
17-ETHYNYLESTRADIOL 3-METHYL ETHER see: RC8960000
17-alpha-ETHYNYLESTRADIOL 3-METHYL ETHER see: RC8960000
ETHYNYLESTRADIOL 3-METHYL ETHER and 17-alpha-ETHYNYL-17-HYDROXYESTREN-3-ONE see: RC9020000
ETHYNYLESTRADIOL 3-METHYL ETHER and 17-alpha-ETHYNYL-19-NORTESTOSTERONE see: RC9020000
ETHYNYLESTRADIOL mixed with NORETHINDRONE see: RC9030000
17-alpha-ETHYNYLESTRA-delta(sup 5)-10-ENOLONE see: PC8964800
17-alpha-ETHYNYLESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: RC8925000
17-alpha-ETHYNYL-1,3,5(10)-ESTRATRIENE-3,17-beta-DIOL see: RC8925000
17-alpha-ETHYNYLESTR-4-ENE-3-beta,17-beta-DIOL ACETATE see: RC8963000
17-alpha-ETHYNYL-4-ESTRENE-3-beta,17-DIOL DIACETATE see: RC8963000
17-alpha-ETHYNYL-4-ESTRENE-3-beta,17-beta-DIOL DIACETATE see: RC8963000
ETHYNYLESTRENOL see: RC8964300
17-alpha-ETHYNYLESTRENOL see: RC8964300
17-alpha-ETHYNYLESTR-4-EN-17-beta-OL see: RC8964300
17-alpha-ETHYNYL-4-ESTREN-17-OL-3-ONE see: RC8975000
17-alpha-ETHYNYL-5(10)-ESTREN-17-OL-3-ONE see: RC8980000
17-alpha-ETHYNYLESTR-5(10)-EN-17-beta-OL-3-ONE see: RC8980000
17-alpha-ETHYNYL-ESTR-5(10)-EN-3-ON-17-beta-OL see: RC8980000
17-alpha-ETHYNYL-17-beta-HEPTANOYLOXY-4-ESTREN-3-ONE see: RC8973000
17-alpha-ETHYNYL-17-HYDROXY-6-alpha,21-DIMETHYLANDROST-4-EN-3-ONE see: BV8510000
17-alpha-ETHYNYL-17-beta-HYDROXYESTRA-4,9,11-TRIEN-3-ONE see: RC8960080
17-alpha-ETHYNYL-17-beta-HYDROXYESTR-5(10)-EN-3-ONE see: RC8980000
17-alpha-ETHYNYL-17-HYDROXY-4-ESTREN-3-ONE see: RC8975000
17-alpha-ETHYNYL-17-beta-HYDROXYESTR-4-EN-3-ONE see: RC8975000
17-alpha-ETHYNYL-17-beta-HYDROXY-4-ESTREN-3-ONE see: RC8975000
17-alpha-ETHYNYL-17-HYDROXY-5(10)-ESTREN-3-ONE see: RC8980000
17-alpha-ETHYNYL-17-HYDROXYESTR-5(10)-EN-3-ONE see: RC8980000
17-alpha-ETHYNYL-17-beta-HYDROXY-5(10)-ESTREN-3-ONE see: RC8980000
17-alpha-ETHYNYL-17-beta-HYDROXY-delta(sup. 5(10))-ESTREN-3-ONE see: RC8980000
17-alpha-ETHYNYL-17-HYDROXYESTR-4-EN-3-ONE ACETATE see: RC8965000
17-alpha-ETHYNYL-17-HYDROXYESTREN-3-ONE and ETHYNYLESTRADIOL 3-METHYL ETHER see: RC9020000
(+)-17-alpha-ETHYNYL-17-beta-HYDROXY-3-METHOXY-1,3,5(10)-ESTRATRIENE see: RC8960000
(+)-17-alpha-ETHYNYL-17-beta-HYDROXY-3-METHOXY-1,3,5(10)-OESTRATRIENE see: RC8960000
17-alpha-ETHYNYL-17-beta-HYDROXY-19-NORANDROST-4-EN-3-ONE see: RC8975000
17-alpha-ETHYNYL-17-beta-HYDROXY-3-OXO-delta(sup 5(10))-ESTRENE see: RC8980000
17-ETHYNYL-3-METHOXY-1,3,5(10)-ESTRATRIEN-17-beta-OL see: RC8960000
17-alpha-ETHYNYL-3-METHOXY-1,3,5(10)-ESTRATRIEN-17-beta-OL see: RC8960000
17-alpha-ETHYNYL-3-METHOXY-17-beta-HYDROXY-DELTA-1,3,5(10)-ESTRATRIENE see: RC8960000
17-alpha-ETHYNYL-3-METHOXY-17-beta-HYDROXY-DELTA-1,3,5(10)-OESTRATRIENE see: RC8960000
17-ETHYNYL-3-METHOXY-1,3,5(10) OESTRATRIEN-17-beta-OL see: RC8960000
2-alpha-ETHYNYL-17-alpha-METHYL-A-NORANDROSTANE-2-beta,17-beta-DIOL see: RB5876700
17-ETHYNYL-18-METHYL-19-NORTESTOSTERONE see: JF8225000
17-alpha-ETHYNYL-19-NORANDROST-4-ENE-3-beta,17-beta-DIOL see: RC8921500
17-alpha-ETHYNYL-19-NORANDROST-4-ENE-3-beta,17-beta-DIOL DIACETATE see: RC8963000
17-alpha-ETHYNYL-19-NORANDROST-4-EN-17-beta-OL-3-ONE see: RC8975000
17-alpha-ETHYNYL-19-NOR-4-ANDROSTEN-17-beta-OL-3-ONE see: RC8975025
17-alpha-ETHYNYL-19-NOR-5(10)-ANDROSTEN-17-beta-OL-3-ONE see: RC8980000
2-ETHYNYL-A-NOR-5-alpha,17-alpha-PREGN-20-YNE-2-beta,17-DIOL see: RC9050000
2-alpha-ETHYNYL-A-NOR-17-alpha-PREGN-20-YNE-2-beta,17-beta-DIOL see: RC9051000
17-alpha-ETHYNYL-19-NORTESTOSTERONE see: RC8975000
17-alpha-ETHYNYL-19-NORTESTOSTERONE ACETATE see: RC8965000
17-alpha-ETHYNYL-19-NORTESTOSTERONE ACETATE CYCLOPENTYL ENOL ETHER see: RC8964440
17-alpha-ETHYNYL-19-NORTESTOSTERONE and ETHYNYLESTRADIOL 3-METHYL ETHER see: RC9020000
ETHYNYLOESTRADIOL see: RC8925000
17-ETHYNYLOESTRADIOL see: RC8925000
17-alpha-ETHYNYLOESTRADIOL see: RC8925000
17-alpha-ETHYNYL-17-beta-OESTRADIOL see: RC8925000
17-alpha-ETHYNYLOESTRADIOL-17-beta see: RC8925000
ETHYNYLOESTRADIOL METHYL ETHER see: RC8960000
ETHYNYLOESTRADIOL 3-METHYL ETHER see: RC8960000
17-ETHYNYLOESTRADIOL 3-METHYL ETHER see: RC8960000
17-alpha-ETHYNYLOESTRADIOL METHYL ETHER see: RC8960000
17-alpha-ETHYNYLOESTRADIOL 3-METHYL ETHER see: RC8960000
17-ETHYNYLOESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: RC8925000
17-alpha-ETHYNYL-1,3,5-OESTRATRIENE-3,17-beta-DIOL see: RC8925000
17-alpha-ETHYNYLOESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: RC8925000
17-alpha-ETHYNYL-1,3,5(10)-OESTRATRIENE-3,17-beta-DIOL see: RC8925000
17-alpha-ETHYNYLOESTRENOL see: RC8964300
17-alpha-ETHYNYLOESTR-4-EN-17-beta-OL see: RC8964300
ETHYNYLTESTOSTERONE see: TU5570250
17-alpha-ETHYNYLTESTOSTERONE see: TU5570250
2-alpha-ETHYNYL-20,21,21-TRIFLUORO-A-NOR-17-alpha-PREGN-20-ENE-2-beta,17-beta-DIOL see: RC8960300
ETHYONOMIDE see: NS0350000
ETIBI see: EL3854000
ETICOL see: TC2275000
ETICYCLIN see: RC8925000
ETICYCLOL see: RC8925000
ETIDOCAINE see: EJ3617000
ETIDOCAINE HYDROCHLORIDE see: EU5435000
DL-ETIELAS PARTIENSUUR see: CI9451000
ETIFOXIN see: DM3028000
ETIFOXINE see: DM3028000
ETIL ACRILATO (Italian) see: AT0700000
ETILACRILATULUI (Romanian) see: AT0700000
ETILAMINA (Italian) see: KH2100000
3-ETILAMMINONAFTO(2,1-b)PIRAN-1-ONI (Italian) see: QL6160000
ETILBENZENE (Italian) see: DA0700000
ETILBUTILCHETONE (Italian) see: MJ5250000
ETIL CLOROCARBONATO (Italian) see: LQ6125000
ETIL CLOROFORMIATO (Italian) see: LQ6125000
ETILE (ACETATO DI) (Italian) see: AH5425000
ETILE (FORMIATO DI) (Italian) see: LQ8400000
N,N'-ETILEN-BIS(DITIOCARBAMMATO) DI MANGANESE (Italian) see: OP0700000
N,N'-ETILEN-BIS(DITIOCARBAMMATO) DI SODIO (Italian) see: FA6825000
ETILENE (OSSIDO DI) (Italian) see: KX2450000
ETILENIMINA (Italian) see: KX5075000
ETILEN-XANTISAN TABL. see: XH5600000
ETILFEN see: CQ6825000
ETILMERCAPTANO (Italian) see: KI9625000
2-(ETILMETILAMMINO)-6-FENILCROMONE (Italian) see: GB8171000
2-(ETILMETILAMMINO)-8-FENILCROMONE (Italian) see: GB8171010
O-ETIL-O-((4-NITRO-FENIL)-FENIL)-MONOTIOFOSFONATO (Italian) see: TB1925000
ETILON see: TF4550000
S-2-ETIL-SULFINIL-1-METIL-ETIL-O,O-DIMETIL-MONOTIOFOSFATO (Italian) see: TG1575000
ETIMID see: NS0350000
ETIMIDIN see: UV7065000
ETIN see: KE8225000
ETINAMATE see: GV9275000
ETINESTROL see: RC8925000
ETINESTRYL see: RC8925000
ETINOESTRYL see: RC8925000
ETIOCHOLANE-17-beta-OL-3-ONE see: BV8054000
ETIOCHOLAN-17-beta-OL-3-ONE see: BV8054000
ETIOCIDAN see: NS0350000
ETIOL see: WM8400000
ETIONAMID see: NS0350000
ETIONID see: NS0350000
ETIONIZINA see: NS0350000
ETIONIZINE see: NS0350000
ETISTRADIOL see: RC8925000
ETIZOLAM see: XZ6158300
ETM see: NI2935500
ETMA see: BQ3980000
ET 495 METHANESULFONATE see: UV9707500
ETM (HETEROCYCLE) see: NI2935500
ETMT see: XI3875000
ETO see: KX2450000
ETOCIL see: CV4900000
ETOCLOFENE see: CB2975100
ETODROXIZINE DIMALEATE see: KK2300000
ETODROXYZINE DIMALEATE see: KK2300000
ETOFEN see: CB2975100
ETOFENAMATE see: CB4400000
ETOFYLLIN CLOFIBRAT (German) see: UE9516500
ETOFYLLINE CLOFIBRATE see: UE9516500
ETOGLUCID see: XF0700000
ETOGLUCIDE see: XF0700000
ETOGYN see: TU3832300
ETOKSYETYLOWY ALKOHOL (Polish) see: KK8050000
ETOMAL see: WN2800000
ETOMIDATE see: NI4021500
ETOMIDOLINE see: TI5695400
ETOPIAN see: EL3854000
E-TOPLEX see: GP8588000
ETOPOSIDE see: KC0190000
ETOPROPEZINA see: SO4900000
ETOSALICIL see: CV4900000
ETOSALICYL see: CV4900000
2-ETOSSIETIL-ACETATO (Italian) see: KK8225000
1-(p-ETOSSIFENIL)BIGUANIDE CLORIDRATO (Italian) see: DU1826500
ETOSUXIMIDA see: WN2800000
ETOVAL see: CQ1575000
ETOZOLIN see: AI9160000
ETOZOLINE see: AI9160000
ETP see: KC0180000
ETP see: NS0350000

BEST COPY AVAILABLE

ETRENOL see: XO1600000
ETRIDIAZOL see: XI3875000
ETRIDIAZOLE see: XI3875000
ETRIMFOS see: TF8350000
ETROFOL see: FB6350000
ETROFOLAN see: FB7880000
ETROLENE see: TG0525000
ETROPRES see: ZG0175000
ETROZOLIDINA see: UQ8400000
ETU see: NI9625000
E. TUBERCULATUM VENOM see: YX4182890
ETYBENZATROPINE see: RD0525000
ETYDION see: RQ2100000
ETYLENU TLENEK (Polish) see: KX2450000
ETYLOAMINA (Polish) see: KH2100000
ETYLOBENZEN (Polish) see: DA0700000
N-ETYLO-N-CYJANOETYLO-p-AMINOBENZALDEHYD (Polish) see: UG2370000
ETYLON see: BS5950000
ETYLOWY ALKOHOL (Polish) see: KQ6300000
ETYLPARATION (Czech) see: TF4550000
ETYLU BROMEK (Polish) see: KH6475000
ETYLU CHLOREK (Polish) see: KH7525000
ETYLU KRZEMIAN (Polish) see: VV9450000
ETYPRENALINE HYDROCHLORIDE see: DO2320000
EU 4200 see: UV9704000
EU-4534 see: CV3458100
EUBASIN see: DA9625000
EUBASINUM see: DA9625000

LE1910000 EUCADINE
UPDT:8401
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T52T77 orl-wmn TDLo:6172 mg/kg (1-39W preg) LANCAO 1,1241,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
beta-EUCAINE see: TN7875000
EUCALMYL see: EU4550000
EUCALYPTOL see: OS9275000
EUCALYPTOLE see: OS9275000

LE2500000 EUCALYPTUS ALBA Reinw. ex. Blume, extract excluding roots
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

LE2510000 EUCALYPTUS CLOEZIANA F. Muell., extract excluding roots
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

LE2530000 EUCALYPTUS OIL
UPDT:8305 CAS: 8000-48-4
SYN: DINKUM OIL * EUKALYPTUS OEL (German) * OIL of EUCALYPTUS
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 13,107,75
TOXICITY DATA AND REFERENCES:
orl-man LDLo:375 mg/kg ADCHAK 26,475,53
3D13F07J25 orl-chd TDLo:218 mg/kg ADCHAK 26,475,53
* orl-rat LD50:2480 mg/kg FCTXAV 13,107,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EUCALYPTUS REDUNCA TANNIN see: QH6000000
EUCANINE GB see: XS9625000
EUCHEUMA SPINOSUM GUM see: FI0700000
EUCHRYSINE see: AR7600000
EUCILAT see: WM9700000
EUCISTEN see: QN2885000
EUCISTIN see: US7875000
EUCODIN see: QD0189040
EUCORAN see: QS4375000
EUCUPIN see: MW6650000
EUCUPINE see: MW6650000
EUDATIN see: DP6650000

LE3100000 EUDESMA-3,11(13)-DIEN-12-OIC ACID
UPDT:8308 CAS: 28399-17-9 MW: 234.37 MOLFM: C15-H22-O2
SYN: 12-CARBOXYEUDESMA-3,11(13)-DIENE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg JMCMAR 13,1221,70
ipr-mus LD50:200 mg/kg JMCMAR 13,1221,70
EUDILAT see: WM9700000
EUFIN see: FF9800000
EUFLAVIN see: AR9660000
EUFLAVINE see: AR9625000
EUFLAVINE see: AR9660000
EUFOORIN see: SH5075000
EUFODRINAL see: SH5075000

LE3450000 EUGENIA BALSAMEA Wight, extract excluding roots
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: THOURANGUNI EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:500 mg/kg IJEBA6 11,43,73

LE3460000 EUGENIA BRACTEATA Roxb., extract excluding roots
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: ARCHARA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:125 mg/kg IJEBA6 7,250,69

LE3462000 EUGENIA DIOSPRIFOLIA Wall. ex Duthie, extract
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:250 mg/kg IJEBA6 18,594,80

LE3465000 EUGENIA JAVANICA, leaf extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
2F12K12 ipr-mus LD50:31 mg/kg CPBTAL 13,882,65

LE3470000 EUGENIA MALACCENSIS Linn., extract excluding roots
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: JAMROOL EXTRACT
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

LE3480000 EUGENIA WALLICHII Wight, extract excluding roots
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: JAM EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69
EUGENIC ACID see: SJ4375000
EUGENOL see: SJ4375000
EUGENOL ACETATE see: SJ4550000
1,3,4-EUGENOL ACETATE see: SJ4550000
EUGENOL FORMATE see: SJ4551000
1,3,4-EUGENOL METHYL ETHER see: CY2450000
EUGENOL PHENYLACETATE see: AJ2465000
EUGENYL ACETATE see: SJ4550000
EUGENYL FORMATE see: SJ4551000
EUGENYL METHYL ETHER see: CY2450000
EUGENYL PHENYLACETATE see: AJ2465000
EUGERASE see: DG2275000
EUGLUCAN see: YS4725200
EUGLUCON see: YS4725200
EUGLUCON 5 see: YS4725200
EUGLYKON see: YS4725200
EUGYNON see: JF8300000
EUHAEMON see: GG3750000
EUHYPNOS see: DF1225000
EUKALYPTUS OEL (German) see: LE2530000
EUKRATON see: MA4550000
EuKYSTOL see: EU1575000
EULAVA SM see: VV8575000
EULICIN see: RA5910000
EULISSIN A see: BP6300000
EULIXINE see: BP6300000
EUMICTON see: AC8225000
EUMIDRINA see: CK2800000
EUMIN see: NI5600000
EUMOTOL see: OO0624000
EUMOTOL see: OO0625000
EUMOVATE see: TU4154083
EUMYDRIN see: CK2800000
EUMYDRINE see: CK2800000
EUNASIN see: AF9700000
EUNERPAN see: EU4025000
EUNERYL see: CQ6825000
EUNOCTIN see: DF2450000

LE5784000 EUONYMUS ECHINATUS Wall., extract excluding roots
DEF:Indian plant belonging to the family CELASTRACEAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

LE5785000 EUONYMUS INDICUS Hayne ex. Wall., extract excluding roots
DEF:Indian plant belonging to the family CELASTRACEAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77
EUPAFORMOSANIN see: EM9240000
EUPAHYSSOPIN see: EM9245000
EUPAREN see: WO6475000
EUPARENE see: WO6475000
EUPASSOPIN see: EM9245000
EUPATIN II see: LW5920000

LE5796500 EUPATORIUM CANNABINUM Linn., extract excluding roots
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

LE5797000 EUPATORIUM ODORATUM Linn., extract excluding roots
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 7,250,69)
UPDT:8302
SYN: BANMARA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69
EUPHOBINE see: SI1750000
EUPHODINE see: SI1750000
EUPHODRIN see: SH5075000
EUPHODRINAL see: SH5075000
EUPHODYN see: SI1750000

LE5930000 EUPHORBIA ABYSSINICA LATEX
DEF:Acetone soluble portion of EUPHORBIA ABYSSINICA latex (CNREAB 21,338,61)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2600 mg/kg/26W-I CNREAB 21,338,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LE5932000 EUPHORBIA CANARIENSIS LATEX
DEF:Acetone soluble fraction of latex from EUPHORBIA CANARIENSIS (CNREAB 21,338,61)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2600 mg/kg/26W-I CNREAB 21,338,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LE5934000 EUPHORBIA CANDELABRUM LATEX
DEF:Acetone soluble portion of latex from EUPHORBIA CANDELABRUM (CNREAB 21,338,61)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2600 mg/kg/26W-I CNREAB 21,338,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LE5935800 EUPHORBIA DRACUNCULOIDES Lam., extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: CHAGULPUTPUTI EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

LE5936000 EUPHORBIA ESULA LATEX
DEF:Acetone soluble portion of latex from EUPHORBIA ESULA (TUMOAB 64,99,78)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:3500 mg/kg/20W-I TUMOAB 64,99,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LE5937000 EUPHORBIA GENICULATA Ort., extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 7,250,69)
UPDT:8302

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

LE5938000 EUPHORBIA GRANDIDENS LATEX
DEF:Acetone soluble fraction of latex from EUPHORBIA GRANDIDES (CNREAB 21,338,61)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2600 mg/kg/26W-I CNREAB 21,338,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LE5938500 EUPHORBIA HELIOSCOPIA Linn., extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H02P02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

LE5939000 EUPHORBIA HELIOSCOPIA Linn., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: CHATRIWAL extract
TOXICITY DATA AND REFERENCES:
3H30M10U26 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

LE5939500 EUPHORBIA HIRTA L., leaf and stem extract
DEF:Jamaican plant belonging to the family EUPHORBIACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

LE5939700 EUPHORBIA HYPERCIFOLIA L., leaf and stem extract
DEF:Jamaican plant belonging to the family EUPHORBIACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

LE5940000 EUPHORBIA INGENS LATEX
DEF:Acetone soluble fraction of latex from EUPHORBIA INGENS (CNREAB 21,338,61)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:3100 mg/kg/26W-I CNREAB 21,338,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LE5941000 EUPHORBIA LASIOCARPA Klotzsch, leaf and stem extract
DEF:Jamaican plant belonging to the family EUPHORBIACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:20 gm/kg JPPMAB 14,556,62

LE5941500 EUPHORBIA LATHYRIS Linn., crude extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LE5942000 EUPHORBIA LATHYRIS LATEX
DEF:Oil from the seeds of EUPHORBIA LATHYRIS (CNREAB 28,2338,68)
UPDT:8401
SYN: CAPER SPURGE
IRRITATION DATA AND REFERENCES:
skn-mus 13 ug MLD CNREAB 28,2338,68
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:5680 mg/kg/W-I CNREAB 28,2338,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LE5942200 EUPHORBIA NIVULIA Buch.-Ham., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: SIDHU EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

LE5942400 EUPHORBIA OBOVALIFOLIA LATEX
DEF:Acetone soluble portion of latex from EUPHORBIA OBOVALIFOLIA (CNREAB 21,338,61)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2600 mg/kg/26W-I CNREAB 21,338,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LE5942450 EUPHORBIA PILOSA Linn., extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 6,232,68)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1000 mg/kg IJEBA6 6,232,68

EUPHORBIA POINSETTIS BUIST see: LE5943000

LE5943000 EUPHORBIA PULCHERRIMA WILLD.
DEF:The plant contains sterols and latex which have 7-15% caoutchouc (CTOXAO 13,27,78)
UPDT:8310
SYN: ANNUAL POINSETTIA * CHRISTMAS FLOWER * EASTER FLOWER * EUPHORBIA POINSETTIS BUIST * MEXICAN FLAME LEAF * MEXICAN FLAME TREE * MEXICAN FLOWER PLANT * POINSETTIA * POINSETTIA PULCHERRIMA GRAH
IRRITATION DATA AND REFERENCES:
skn-rbt 11200 mg/14D MOD CTOXAO 13,27,78

LE5944000 EUPHORBIA PULCHERRIMA Willd., leaf extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:2857 mg/kg JTEHD6 1,939,76

LE5945000 EUPHORBIA SERRATA LATEX
DEF:Acetone soluble fraction of latex from EUPHORBIA SERRATA (TUMOAB 64,99,78)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:6400 mg/kg/16W-I TUMOAB 64,99,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LE5945900 EUPHORBIA TIRUCALLI, stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:1000 mg/kg CPBTAL 13,882,65

LE5946000 EUPHORBIA TIRUCALLI LATEX
DEF:Acetone soluble portion of EUPHORBIA TIRUCALLI latex. Contains all biological activity(PLMEAA 22,241,72)
UPDT:8401
SYN: BLEISTIFTBAUMS (German)
IRRITATION DATA AND REFERENCES:
skn-mus 26 ng MLD PLMEAA 22,241,72
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:2400 mg/kg/12W-I PLMEAA 22,241,72
2V03R60 skn-mus TD :2800 mg/kg/28W-I CNREAB 21,338,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LE5947000 EUPHORIA LONGAN Steud., extract excluding roots
DEF:Indian plant belonging to the family SAPINDACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: WOMB EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 11,43,73

LE5948000 EUPHORIA WULFENII LATEX
DEF:Acetone soluble portion of latex from EUPHORIA WULFENII (CNREAB 21,338,61)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:2600 mg/kg/26W-I CNREAB 21,338,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EUPHORIN see: FD8925000
EUPHORIN see: LV1050000
EUPHOZID see: NS1925000
EUPHYLLIN see: XH5600000
EUPHYLLINE see: XH5600000
EUPLACID see: YT2800000
EUPNERON see: TM2675000
EUPRACTONE see: RP9100000
EUPRAMIN see: HO1575000
EUPROCIN see: MW6650000
EURAZYL see: TM5650000
EURECEPTOR see: MF0035500
EUREKENE see: YV7876000
EURESOL see: VH2750000
EUREX see: GU7200000
EURINOL see: DK8925000
EUROCERT AMARANTH see: QJ6550000
EUROCERT AZORUBINE see: QK1925000
EUROCERT COCHINEAL RED A see: QJ6530000
EUROCERT ORANGE FCF see: QK2450000
EUROCERT TARTRAZINE see: UQ6400000
EURODIN see: XZ5473500
EURODOPA see: AY5600000
EUROPEN see: CK2800000
EUROPHAN see: KV0350000
EUROPIC CHLORIDE see: LE7525000

LE7525000 EUROPIUM CHLORIDE
UPDT:8403 CAS: 10025-76-0 MW: 258.31 MOLFM: Cl3-Eu
SYN: EUROPIC CHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:5000 mg/kg JPMSAE 54,643,65
3F07F15J30 ipr-mus LD50:387 mg/kg AEHLAU 5,437,62
3F07F15J30 ipr-gpg LD50:156 mg/kg AEHLAU 5,437,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 54,663,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EURPACRIL, combustion products see: AT6975000
EURPHYLLIN see: XH5600000

LE8250000 EURYA ACUMINATA DC., extract excluding roots
DEF:Indian plant belonging to the family THEACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

EUSAL see: CV4900000
EUSAPRIM see: WP0700000
EUSAPRIM see: UV0240000
EUSCOPOL see: YM4550000
EUSMANID see: ME8575000
EUSPIRAN see: DO1925000
EUSTIDIL see: GN5250000
EUSTIGMIN see: BR3300000
EUSTIGMIN BROMIDE see: BR3150000
EUSTIGMINE see: BR3300000
EUSTIGMIN METHYLSULFATE see: CY1225000
EUSTROPHINUM see: WL1180000
EUTENSIN see: CB2625000
EUTHATAL see: CQ6125000
EUTHYROX see: XP3583000
EUTIZON see: NS1750000
EUTONYL see: DP6475000
EUUFILIN see: XH5600000
EUVESTIN see: WJ5775000
EUVIFOR see: UX9660500
EVABLIN see: QJ6440000
EVADYNE see: HP0350000
E-V-A-16-HCl see: N13900000
EVALON see: NS1750000
EVANOL see: SM8720000
EVANS BLUE see: QJ6440000
EVANS BLUE DYE see: QJ6440000
EVANS BLUE, SODIUM SALT see: QJ6440000
EVAU-SUPER see: FO0525000
EVAZOL see: VA0700000
EVE see: KO0710000
EVENTIN see: GV2100000
EVERFLEX B see: AK0920000
EVERLASTING ABSOLUTE see: RJ3694000
EVERNINOMICIN D see: OP4100000

LE9558500 EVERNINOMICIN D, SODIUM SALT
UPDT:8402 MW: 1559.54 MOLFM: C66-H98-Cl2-N-O35-Na
SYN: SODIUM SALT OF EVERNINOMICIN D
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:125 mg/kg AACHAX -,24,64

EVEX see: GL1224000
EVEX see: KG8775000
EVIK see: XY9100000
EVION see: DJ2900000
EVIPAL see: CQ2625000
EVIPAL SODIUM see: CQ2800000
EVIPAN see: CQ2625000
EVIPAN SODIUM see: CQ2800000
EVIPHEROL see: GP8588000
EVIPLAST 80 see: TI0350000
EVIPLAST 81 see: TI0350000
EVISECT see: YL8300000
EVISEKT see: YL8300000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

EVITAMINUM see: DJ2900000

LF0190800 EVODIA RUTAECARPA, crude extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
EVOLA see: CZ4550000

LF0190950 EVOLVULUS ALSINOIDES Linn., extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

EVONOGENIN see: FH4975000
EVRAMICINA see: RJ9900000
EVRODEX see: SI1400000
EVRONAL see: CP9450000
EVRONAL SODIUM see: CP9800000
EVRRONAL see: CP9800000
EWEISS see: CR0600000
EX 4355 see: HO0525000
EX 4489 see: MF6554000
EX 4883 see: UY0350000
EX 10781 see: AF9700000
EX 12-095 see: CQ0560000
EXACTHIN see: GM7900000
EXACT-S see: PV5075000
EXACYL see: GU8400000

LF1908200 EVODIA FRAXINIFOLIA Hook. f., extract excluding roots
DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: THULA KHANAPPA EXTRACT
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

EXADRIN see: DO2625000
EXAGAMA see: GV4900000
EXAMIDE CS see: BU2614000

LF2200000 EXCOECARIA ACERIFOLIA F. Didr., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: KWARPATTA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 11,43,73

LF2220000 EXCOECARIA AGALLOCHA Linn., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

EXD see: LQ7700000
EXDOL see: AE4200000
EXELMIN see: TL3485000
EXHAUST GAS see: FG3500000
EXHORAN see: JO1225000
EXHORRAN see: JO1225000
EXITELITE see: CC5650000
EXLAN, combustion products see: AT6975000
EXLUTEN see: RC8964300
EXLUTION see: RC8964300
EXLUTON see: RC8964300
EXLUTONA see: RC8964300
EXMIGRA see: KE8225000
EXMIN see: GZ1255000
EXNA see: DK8400000

LF2920000 EXOCOECARIA AGALLOCHA, bark extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:16 mg/kg CPBTAL 13,882,65

EXO-ENTEROTOXIN see: LF3100000
EXOFENE see: SM0700000
EXOLON see: BD1200000
EXOLON XW 60 see: BD1200000
EXONAL see: YR0450000
EXON 430 see: AK0950000
EXON 454 see: AK0950000
EXON 470 see: AK0950000
EXON 481 see: AK0950000
EXON 605 see: KV0350000
EXON 654 see: KV0350000
EXON 760 see: AK0950000
EXON 965 see: KV0350000
EXON 9269 see: KV0350000
EXON 9290 see: KV0350000
EXOSALT see: DK8400000

LF2976970 EXOSTEMMA FLORIBUNDUN Roem & Schultes, extract
DEF:Caribbean plant found in the mountains and belonging to the family RUBICACEAE(APFRAD 11,81,53)
UPDT:8311 MW: 326.33 MOLFM C15-H18-O8
SYN: QUINQUINA PITON EXTRACT (French) * QUINQUINA de SAINTE LUCIE EXTRACT (French)
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:5 gm/kg APFRAD 11,81,53

EXOTHERM see: NT2600000
EXOTHERMIC FERROCHROME (DOT) see: LK0750000
EXOTHERMIC FERROMANGANESE (DOT) see: LK0900000
EXOTHERM TERMIL see: NT2600000
EXOTHION see: TF8225000

LF2995000 EXOTOXIN, BACILLUS THURINGIENSIS
UPDT:8309
SYN: BACILLUS THURINGIENSIS EXOTOXIN
MUTATION DATA AND REFERENCES:
sln-dmg-orl 1 pph HEREAY 85,113,77
cyt-hmn:leu 20 pph HEREAY 85,105,77
cyt-rat-orl 4500 gm/kg/90D-C HEREAY 85,105,77

LF3000000 EXOTOXIN, ERWINIA CAROTOVORA
DEF:Protein-polysaccharide complex with a molecular weight of 90,000 daltons (ZMEIAV (4),34,82)
UPDT:8308
SYN: E. CAROTOVORA EXOTOXIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1294 ug/kg ZMEIAV 59(4),34,82

LF3100000 EXOTOXIN, VIBRIO CHOLERAE
UPDT:8305
SYN: CHOLERA EXOTOXIN * EXO-ENTEROTOXIN * VIBRIO CHOLERAE EXOTOXIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ivn-mus TDLo:40 ug/kg (8-10D preg) JRPFA4 45,315,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

EXP 126 see: AU4717000
EXP 999 see: NS5075000
EXP 105-1 see: AU4375000
EXP-105-1 see: YD1925300
EXPANSIN see: LV2625000
EXPANSINE see: LV2625000
EXPERIMENTAL FUNGICIDE 328 see: XI2625000
EXPERIMENTAL FUNGICIDE 341 see: NJ3825000
EXPERIMENTAL FUNGICIDE 5223 see: MF1750000
EXPERIMENTAL FUNGICIDE 224 (UNION CARBIDE) see: ZH4350000
EXPERIMENTAL HERBICIDE I see: KK4900000
EXPERIMENTAL HERBICIDE 2 see: YS2787000
EXPERIMENTAL HERBICIDE 732 see: YQ9360000
EXPERIMENTAL INSECTICIDE 269 see: IO1575000
EXPERIMENTAL INSECTICIDE 711 see: IO1925000
EXPERIMENTAL INSECTICIDE 3911 see: TD9450000
EXPERIMENTAL INSECTICIDE 4049 see: WM8400000
EXPERIMENTAL INSECTICIDE 4124 see: TE7875000
EXPERIMENTAL INSECTICIDE 7744 see: FC5950000
EXPERIMENTAL INSECTICIDE 12,880 see: TE1750000
EXPERIMENTAL INSECTICIDE 52160 see: TF6890000
EXPERIMENTAL INSECTICIDE S-4087 see: TB1750000
EXPERIMENTAL NEMATOCIDE 18,133 see: TF5775000
EXPERIMENTAL RODENTICIDE 332 see: GN4830000
EXPERIMENTAL TICK REPELLENT 3 see: AV0900000
EXPERIMENTAL TICK REPELLENT 3PS see: AV0900000
EXPLOSIVE D see: BS3856000
EXP. MITICIDE No. 7 see: TR4680000
EXPONCIT see: RC9275000
EXPORSAN see: TE0250000
EXSEL see: VS8925000
EXSICCATED FERROUS SULFATE see: NO8500000
EXSICCATED FERROUS SULPHATE see: NO8500000
EXSICCATED SODIUM PHOSPHATE see: WC4500000
EXSICCATED SODIUM SULFITE see: WE2150000
EXTACOL see: UB9275000
EXT D AND C BLUE NO. 1 see: SO5600000
EXT. D and C ORANGE NO. 3 see: DB7085000
EXT. D AND C ORANGE NO. 4 see: QL5425000
EXT. D & C RED NO. 10 see: QK1925000
EXT D and C RED NO. 11 see: QJ6030000
EXT. D AND C. RED. NO. 14 see: QL5850000
EXT. D and C RED No. 15 see: QJ6650000
EXT D and C YELLOW No. 1 see: DB7329500
EXT. D AND C YELLOW NO. 9 see: QM4725000
EXT. D and C YELLOW NO. 10 see: QM5400000
EXTENCILLINE see: XH9425000

LF6666200 EXTEND
UPDT:8309 CAS: 72980-62-2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:10000 mg/kg FMCHA2 -,C101,83
* skn-rbt LD50:20000 mg/kg FMCHA2 -,C101,83

EXTENICILLINE see: XH9425000
EXTERMATHION see: WM8400000
EXTERNAL BLUE 1 see: SO5600000
EXTERNAL D AND C ORANGE NO. 3 see: DB7085000
EXTHRIN see: GZ1925000
EXTRACT D AND C ORANGE NO. 3 see: DB7085000
EXTRACT D AND C ORANGE NO. 4 see: QL5425000
EXTRACT D AND C RED NO. 10 see: QK1925000
EXTRACT D AND C RED NO. 14 see: QL5850000
EXTRA FINE 200 SALT see: VZ4725000
EXTRA FINE 325 SALT see: VZ4725000
EXTRA-PLEX see: SL0560850
EXTRAR see: GQ9625000
EXTRAX see: DJ2800000
EXTREMA see: VW0525000
EXTREMA see: VV9450000
EXTREMA see: LY5225000
EXTREMA see: CC5650000
EXTREMA see: TH4460000
EXTREM see: VQ07C0000
EXTREX P 60 see: MD0880000
EXTRINSIC FACTOR see: GG3750000
EXTRON 6N see: TQ9800000
EXURATE see: OB1804200
EYESULE see: CK2450000
EYESULES see: CK0700000
EZITAN see: XY4980000
E-Z-OFF see: FO0175000
E-Z-OFF D see: TG5425000
E-Z-PAQUE see: CR0600000
F 1 see: ZC9750000
F 1 see: AH4375000
F 1 (complexan) see: AH4375000
F2 see: DM2550000
F-4 see: UV6261500
F 10 see: OP0700000
F 11 see: PB6125000
F 12 see: PA8200000
F 13 see: PA6410000
F 14 see: FG4920000
F 22 see: PA6390000
F-53 see: RC9035000
F 70 see: BP7627000
F 103 see: KX4025000
F-112 see: KI1420000
F 114 see: KI1101000
F-115 see: KH7877500
F-116 see: KI4110000
F-139 see: ET0175000
F-150 see: RQ3620000
190 F see: CF8400000
F 190 see: CF8400000
F 198 see: TK9720000
220F see: TA8052000
309 F see: QM7000000

BEST COPY AVAILABLE

F-319 see: NY2932000
F-400 see: MU3875000
F461 see: RP4900000
F 735 see: RP4550000
F-776 see: LU5700000
F 849 see: XJ2700000
914F see: SH5075000
F 933 see: TM4550000
933F see: TM4550000
F 1162 see: WO8400300
1162 F see: WO8400000
1262 F see: YE0525000
F 1262 see: YE0525000
1358F see: BY8925000
F 1358 see: BY8925000
1399 F see: AE7175000
F 1617 see: SH7880000
1828 F see: YE0510000
1851 F see: YE2175300
F 1983 see: YV9100000
F1991 see: DD6475000
2476 F see: YE1655000
2483 F see: YE1730000
2509 F see: YE2349500
2513 F see: YE1662000
F 2559 see: BS1100000
F 2966 see: ZB3200000
F 6060 see: GO7530000
F 6066 see: GO7550000
F 6103 see: GP1339000
F 6111 see: SK7010000
F-6225 see: SJ3680000
F-6278 see: SJ3665000
23F203 see: TQ3325000
FA see: LP8925000
FA 402 see: YM3770000
FAA see: AB9450000
FAA see: AC1225000
FAA see: AH5950000
2-FAA see: AB9450000
2,7-FAA see: AC0700000
FABANTOL see: AG9625000
FABB see: AB4592800
FABEDRINE see: SI1750000
FABIANOL see: WK1961200
FABONTAL see: AG9625000
FABRITONE PE see: TQ3325000
FAC see: GE7540000
FAC see: TD8225000
FAC 20 see: TD8225000
FAC 5273 see: XS8050000
FACTITIOUS AIR see: QX1350000
FACTOR II see: GG3750000
FACTOR II (VITAMIN) see: GC3750000
FACTOR PP see: QS3675000
FADORMIR see: VA3850000

LG0175800 FAGARA MACROPHYLLA Engler, root and stem bark extract
DEF:West African plant belonging to the family RUTACEAE (APFRAD 9,479,51)
UPDT.8402
TOXICITY DATA AND REFERENCES:
" scu-mus LDLo:10 gm/kg APFRAD 9,479,51

LG0175920 FAGOPYRUM CYMOSUM Meissn., extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 15,208,77)
UPDT.8408
SYN: PHAPRA, extract
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

LG0175940 FAIPA 2C
DEF:Commercial hairdye product from Pomezia, Italy (FCTOD7 20,171,82)
UPDT.8308
MUTATION DATA AND REFERENCES:
mma-sat 12500 ug/plate FCTOD7 20,171,82

FAIR 30 see: UR5950000
FAIR 85 see: HE4600000
FAIR 85 see: RH6560000
FAIR PS see: UR5950000
FALAPEN see: XH9700000
FALICAINE see: UH4420000
FALICAINE HYDROCHLORIDE see: UH4420000
FALICAIN see: UH4420000
FALIGNOST see: SA3678000
FALIGRUEN see: GL7020000
FALISAN see: QW0875000
FALITHION see: TG0350000
FALITIRAM see: JO1400000
FALKITOL see: KI4025000
FALL see: FO0525000
FALODIN see: TG6150000
FALONE see: TG6150000
FALONE E 44 see: KK4950000
FALONE-44-E see: KK4950000
FALSE HELLEBORE see: AV3750000
F 360 (ALUMINA) see: BD1200000
FALSE HELLEBORE see: YX7140000
FAM see: AC2700000
FAMAFLUR see: BX1230000
FAMFOS see: TF7650000
FAMFOS see: TC2800000
FAMID see: FC1925000
FAMOPHOS see: TF7650000
FAMOPHOS WARBEX see: TF7650000
FAMOTIDINE see: UA2300000
FAMOXON see: TC3325000
FAMPHOS see: TF7650000
FAMPHUR see: TF7650000
FANAL PINK GFK see: DH0175000
FANAL RED 25532 see: DH0175000
FANAL VIOLET RA SUPRA see: GE4518000
FANAL VIOLET R SUPRA see: GE4518000
FANASIL see: DA9500000
FANATONE VIOLET see: GE4518000
FANERON see: EG7000000
FANFOS see: TF7650000
FANFT see: LQ3150000
FANNOFORM see: LP8925000
FANODORMO see: CQ2975000
FANTORIN see: CC2850000
FANZIL see: DA9500000
F-ARA-A see: AU6207000
FARBENFABRIKEN BAYER see: GN7525000
FAREDINA see: UU3675000

LG1600500 FARFUGIUM JAPONICUM Kitam, leaves and stalks
DEF:Herb of the family SENECIONEAE (CALEDQ 20,191,83)
UPDT.8412
TUMORIGENIC DATA AND REFERENCES:
3V01L60L61 orl-rat TDLo:4800 gm/kg/69W-C CALEDQ 20,191,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FARGAN see: SO6825000
FARGAN see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
FAR-GO see: EZ8575000
FARIAL see: NJ3900000
FARINEX 100 see: GM5090060
FARINGOSEPT see: MF5550000
FARLUTAL see: TU5300000
FARLUTIN see: TU5010000
FARMACYROL see: SL0590000
FARMCO see: AG6825000
FARMCO ATRAZINE see: XY5600000
FARMCO DIURON see: YS8925000
FARMCO FENCE RIDER see: AJ8400000
FARMCO PROPANIL see: UE4900000
FARMICETINA see: AB6825000
FARMIGLUCIN see: WK2320000
FARMINOSIDIN see: WK2320000
FARMISERINE see: NY2975000
FARMITALIA 46/122 see: WP0175000
FARMOLISINA see: PB1300000
FARMOTAL see: CQ6300000
FARMOTAL see: CQ6475000
4-FARNESYL-1-(3,4-METHYLENEDIOXYBENZYL)PIPERAZINE see: TM2648000
FARTOX see: DA6650000
FAS-CILE see: TZ0175000
FASCIOLIN see: FG4900000
FASCIOLIN see: KI4725000
FASCO FASCRAT POWDER see: GN4550000
FASCO-TERPENE see: YW5250000
FASCO WY-HOE see: FD8050000
FASERTON see: BD1200000
FASERTONERDE see: BD1200000
FAST ACID BLUE RL see: QJ6300000
FAST ACID GREEN N see: BQ4900000
FAST ACID VIOLET 5BN see: BQ1140000
FASTBALLS see: SI1400000
FAST BLUE B BASE see: DD0875000
FAST BLUE BN SALT see: DD0875000
FAST BLUE DSC BASE see: DD0875000
FAST BLUE DS SALT see: DD0875000
FAST BLUE R SALT see: ST3150000
FAST BLUE SALT B see: DD0875000
FAST BLUE SALT BN see: DD0875000
FAST BRONZE VIOLET see: GE4518000
FAST BROWN SALT RR see: BZ6900000
FAST BROWN SALT V see: BZ6900000
FAST BROWN SALT VA see: BZ6900000
FAST BROWN VA SALT see: BZ6900000
FAST BROWN V SALT see: BZ6900000
FAST CHROME CYANINE G see: QK2195000
FAST CHROME CYANINE 6B see: QK2195000
FAST CORINTH BASE B see: DC9625000
FAST CRIMSON GR see: QJ6030000
FAST DARK BLUE BASE R see: DD1225000
FAST DRIMSON GR see: QJ6030000
FASTEL VIOLET R see: GE4518000
FASTEL VIOLET R SUPRA see: GE4518000
FAST GARNET BASE B see: QM1400x00
FAST GARNET B BASE see: QM1400000
FAST GARNET GBC BASE see: XU8800000
FAST GREEN FCF see: BQ4425000
FAST GREEN J see: BP6825000
FAST GREEN JJO see: BP6825000
FAST LIGHT ORANGE GA see: QJ6500000
FAST LIGHT ORANGE GA-CF see: QJ6500000
FAST LIGHT YELLOW E see: DB5042500
FASTOGEN BLUE FP-3100 see: NR3500000
FASTOGEN BLUE SH-100 see: NR3500000
FAST OIL ORANGE see: QL4900000
FAST OIL ORANGE I see: QL4900000
FAST OIL ORANGE II see: QL5850000
FAST OIL RED B see: QL5775000
FAST OIL SCARLET III see: QK4250000
FAST OIL YELLOW see: XU8800000
FAST OIL YELLOW B see: BX7350000
FAST OIL YELLOW 2G see: SM8300000
FASTOLITE BROWN BRL see: GL7375000
FASTONA RED B see: QK4247000
FASTONA RED 2G see: QL3854000
FASTONA RED R see: QL3436000
FASTONA SCARLET RL see: QK4247000
FASTONA SCARLET YS see: QK4247000
FAST ORANGE see: QL4900000
FAST ORANGE BASE GR see: BY6650000
FAST ORANGE BASE JR see: BY6650000
FAST ORANGE BASE R see: BY6825000
FAST ORANGE G see: QJ6500000
FAST ORANGE GC BASE see: BX0350000
FAST ORANGE GR BASE see: BY6650000

BEST COPY AVAILABLE

FAST ORANGE GR SALT see: BY6650000
FAST ORANGE M BASE see: BY6825000
FAST ORANGE MM BASE see: BY6825000
FAST ORANGE O BASE see: BY6650000
FAST ORANGE O SALT see: BY6650000
FAST ORANGE 3R see: QL3436000
FAST ORANGE R BASE see: BY6825000
FAST ORANGE 3RJ see: QL3436000
FAST ORANGE R SALT see: BY6825000
FAST ORANGE SALT GR see: BY6650000
FAST ORANGE SALT JR see: BY6650000
FAST RED see: QJ6550000
FAST RED A see: QK4247000
FAST RED AB see: QK4247000
FAST RED A (PIGMENT) see: QK4247000
FAST RED BASE GG see: BY7000000
FAST RED BASE 3GL SPECIAL see: BX1575000
FAST RED BASE 2J see: BY7000000
FAST RED BASE 3JL see: BX1575000
FAST RED BASE TR see: XU5000000
FAST RED BB see: QL5775000
FAST RED BB BASE see: BZ6500000
FAST RED 5CT BASE see: XU5000000
FAST RED 5CT SALT see: XU5250000
FAST RED 2G BASE see: BY7000000
FAST RED GG BASE see: BY7000000
FAST RED GG SALT see: BY7000000
FAST RED 3GL BASE see: BX1575000
FAST RED 3GL SALT see: BX1575000
FAST RED 3GL SPECIAL BASE see: BX1575000
FAST RED 3GL SPECIAL SALT see: BX1575000
FAST RED 2G SALT see: BY7000000
FAST RED J see: QK4247000
FAST RED JE see: QK4247000
FAST RED KB AMINE see: XU5075000
FAST RED KB BASE see: XU5075000
FAST RED KB SALT see: XU5075000
FAST RED KB SALT SUPRA see: XU5075000
FAST RED KBS SALT see: XU5075000
FAST RED MP BASE see: BY7000000
FAST RED 2NC BASE see: BX1575000
FAST RED 2NC SALT see: BX1575000
FAST RED P BASE see: BY7000000
FAST RED P SALT see: BY7000000
FAST RED R see: QK4250000
FAST RED R see: QK4247000
FAST RED SALT GG see: BY7000000
FAST RED SALT 3GL see: BX1575000
FAST RED SALT 2J see: BY7000000
FAST RED SALT 3JL see: BX1575000
FAST RED SALT TR see: XU5250000
FAST RED SALT TRA see: XU5250000
FAST RED SALT TRM see: XU5250000
FAST RED SG BASE see: XU8225000
FAST RED TR see: XU5000000
FAST RED TR11 see: XU5000000
FAST RED TR BASE see: XU5000000
FAST RED TRO BASE see: XU5000000
FAST RED TR SALT see: XU5250000
FAST SCARLET see: QK1765000
FAST SCARLET BASE B see: QM2100000
FAST SCARLET BASE G see: XU8225000
FAST SCARLET BASE J see: XU8225000
FAST SCARLET G see: XU8225000
FAST SCARLET G BASE see: XU8225000
FAST SCARLET GC BASE see: XU8225000
FAST SCARLET G SALT see: XU8225000
FAST SCARLET J SALT see: XU8225000
FAST SCARLET M4NT BASE see: XU8225000
FAST SCARLET R see: BZ7175000
FAST SCARLET T BASE see: XU8225000
FAST SILK YELLOW 5H see: DV3910000
FAST SPIRIT YELLOW see: BY8225000
FAST SPIRIT YELLOW AAB see: BY8225000
FASTUM see: UE7570000
FASTUSOL BLUE 9GLP see: GS2169000
FASTUSOL BROWN LBRSA see: GL7375000
FASTUSOL BROWN LBRSM see: GL7375000
FAST VIOLET TONER R see: GE4518000
FAST WHITE see: OG4375000
FAST WOOL BLUE R see: QJ6300000
FAST YELLOW see: BX7350000
FAST YELLOW A see: GD0197800
FAST YELLOW AT see: XU8800000
FAST YELLOW G see: GD0197800
FAST YELLOW GC BASE see: BX6525000
FAST YELLOW R see: GD0197800
FAT-FAT B see: RH0175000
FATAL see: WZ1500000
FAT BROWN 2G see: ST2900000
FAT BROWN 2R see: ST2900000
FAT BROWN RR see: ST2900000
FATE-LORU EXTRACT (Indian) see: TM3412000
FATE-LORU FRUIT EXTRACT (Indian) see: TM3412050
FATFATI EXTRACT (Indian) see: GL1257000
FATOLIAMID see: NS0350000
FAT ORANGE 4A see: QL4900000
FAT ORANGE G see: QL4900000
FAT ORANGE I see: QL4900000
FAT ORANGE II see: QL5425000
FAT ORANGE R see: QL4900000
FAT ORANGE RR see: QL5425000
FAT ORANGE RS see: QL4900000
FAT PONCEAU R see: QL5775000
FAT RED B see: QL5775000
FAT RED 2B see: QL5775000
FAT RED 7B see: QM2850000
FAT RED BB see: QL5775000
FAT RED (BLUISH) see: QK4250000
FAT RED BS see: QL5775000
FAT RED G see: QK4250000
FAT RED HRR see: QK4250000
FAT RED R see: QK4250000
FAT RED RS see: QK4250000
FAT RED TS see: QL5775000
FAT RED (YELLOWISH) see: QL5850000
FAT SCARLET 2G see: QL5850000
FAT SCARLET LB see: QK4250000
FATSCO ANT POISON see: CG1225000
FAT SOLUBLE RED ZH see: QK4250000

LH8024000 FATTY ACID, TALL OIL, EPOXIDIZED, OCTYL ESTER

UPDT-8408 CAS: 61788-72-5
SYN: ADMEX 741 * ADMEX 746 * DRAPEX 4.4 * OCTYL EPOXYTALLATE * PLASTOLEIN 9214 * PX-806

TOXICITY DATA AND REFERENCES:
orl-rat LD50:32 gm/kg NPIRI* 2,80,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FAT YELLOW see: BX7350000
FAT YELLOW A see: BX7350000
FAT YELLOW AAB see: BY8225000
FAT YELLOW AD 00 see: BX7350000
FAT YELLOW B see: XU8800000
FAT YELLOW ES see: BX7350000
FAT YELLOW ES EXTRA see: BX7350000
FAT YELLOW EXTRA CONC. see: BX7350000
FAT YELLOW R see: BX7350000
FAT YELLOW R (8186) see: BX7350000
FAUSTAN, see: DF1575000

LH9706000 FAVA BEANS, nitrosated

DEF-Extract of NITRITE-treated VICIA FAVA beans (CRNGDP 3,1379,82)
UPDT-8306
SYN: VICIA FAVA BEANS, nitrosated

MUTATION DATA AND REFERENCES:
mmo-sat 33 pph CRNGDP 3,1379,82

FAVISTAN see: NI8615000
FAZADINIUM BROMIDE see: NJ5830100
FAZADINIUM DIBROMIDE see: NJ5830100
FAZADON see: NJ5830100
FB/2 see: JM5690000
F-1381 see: PA5425000
FB 217 see: TQ3325000
F-11482 see: KM9370300
FB 5097 see: NI4377000
FBA 1420 see: AG9625000
FBA 4503 see: UE4526000
FBC CMPP see: UE9750000
FBF 74D see: KX4025000
FBHC see: GV4950000
FBZ see: UQ8225000
5-FC see: HA6040000
FC 11 see: PB6125000
FC 12 see: PA8200000
FC 14 see: FG4920000
FC 28 see: AB4426600
FC 113 see: UY4550400
FC 114 see: KI1101000
FC-128 see: MC0525500 GLYCINE, N-ETHYL-N-((HEPTADECAFLUOROOCTYL)SULFONYL)-, POTASSIUM SALT
FC-143 see: RH0782000
FC 442 see: TM3547000
FC 451 see: TM3565000
FC 630 see: TM3545000
FC 640 see: TM3544000
FC 659 see: TM3555000
FC 669 see: TK7863000
FC-1318 see: EM8980000
FC 3C01 see: XM7580000
FC 4648 see: KV0350000
FC 152a see: KI1410000
FC 637/A see: UY4550300
FC-C 318 see: GU1779500
FCDR see: HA3850000
FC-MY 5450 see: WL6475000
F-COL see: TU5025000
F-CORTEF see: TU5025000
FCOR see: HA3850000
FD-1 see: YQ9050000
FD 006 see: TJ7542000 PICOLINIC ACID, 5-(4-CHLOROBUTYL)-
FDA see: CH5425000
FDA 0101 see: WB0350000
FDA 1446 see: GZ1925000
FDA 1541 see: FA4550000
2 FDBP see: UQ8420000
FD AND C ACID RED 32 see: QL5950000
FD and C BLUE 1 see: BQ4725000
FDC BLUE NO. 1 see: BQ4725000
FD and C BLUE NO. 1 see: BQ4725000
FD + C BLUE 2 see: DU3000000
FD AND C BLUE No. 2 see: DU3009000
FDC GREEN 1 see: BQ4375000
FD AND C GREEN NO. 1 see: BQ4375000
FD and C GREEN NO. 2 see: BQ4900000
FD AND C GREEN NO. 3 see: BQ4425000
FD AND C GREEN NO. 2-ALUMINUM LAKE see: BQ4900000
FD AND C NO. 6 see: QK2450000
FD & C NO. 6 see: QK2450000
FDC ORANGE 1 see: DB7085000
FD and C ORANGE NO. 1 see: DB7085000
FD AND C ORANGE NO. 2 see: QL5425000
FD & C ORANGE 2 see: QL5425000
FD and C RED No. 1 see: QJ6650000
FD AND C RED NO. 2 see: QJ6550000
FD and C RED 3 see: LM5950000
FD AND C RED NO. 3 see: LM5950000
FD AND C RED NO. 4 see: QK2705000
FD AND C RED NO. 19 see: BP3675000
FD AND C RED NO. 32 see: QL5950000
FD AND C RED NO. 2-ALUMINIUM LAKE see: QJ6550000

BEST COPY AVAILABLE

FD & C RED NO. 4 - ALUMINUM LAKE see: QK2705000
FD and C VIOLET 1 see: BQ1140000
FD and C VIOLET NO. 1 see: BQ1140000
FD & C YELLOW 3 see: QM4725000
FD & C YELLOW 4 see: QM5400000
FD AND C YELLOW 5 see: UQ6400000
FDC YELLOW NO. 6 see: QK2450000
FD & C YELLOW 6 see: QK2450000
FD AND C YELLOW 6 see: QK2450000
FD AND C YELLOW LAKE NO. 6 see: QK2450000
FD AND C YELLOW NO. 3 see: QM4725000
FD and C YELLOW NO. 4 see: QM5400000
FD AND C YELLOW NO. 6 see: QK2450000
FD & C YELLOW NO. 6 ALUMINUM LAKE see: QK2450000
FD & C YELLOW NO.5 TARTRAZINE see: UQ6400000
f-dAA see: AC0350000
FDN see: AB8050000
FDUR see: YU7525000
FEBRIFUGINE see: VA3450000
FEBRILIX see: AE4200000
FEBRINIMA see: CD2625000
FEBRO-GESIC see: AE4200000
FEBROLIN see: AE4200000
FEBRON see: CD2625000
FEBUPROL see: UA8400000
FEBUZIMA see: UQ8225000
FECAMA see: TC0350000
FECTRIM see: UV8240000
FECTRIM see: WP0700000
FEDACIN see: LT7700000
FEDAL-UN see: KX3840000
FEDERAL FAST VIOLET 7801 see: GE4518000

LI4272000 FEDEX
UPDT:8308 CAS: 39396-14-4
TOXICITY DATA AND REFERENCES:
* ims-rat LDLo:3723 mg(Fe)/kg ACVTA8 29,21,79
* ivn-mus LD50:1300 mg(Fe)/kg ACVTA8 29,21,79

Fe-DEXT2AN see: NI2200000
FEDRIN see: KB0700000
FEEN-A-MINT GUM see: SM8380000
FEEMO see: SN5375000
FEINALMIN see: HO1925000
FEKABIT see: FO0350000
FELAN see: CM2625000
FELAZINE see: MV8750000
FELBEN see: KR7000000
FELDENE see: DL0705000
FELICUR see: DO5470000
FELISON see: DF0875000
FELITROPE see: DO5470000
FELIXYN see: EK1050000
alpha-FELLANDRENE see: OS8080000
FELLING ZINC OXIDE see: ZH4810000
FELLOZINE see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
FELOTRAST see: ET6750000

LI4620000 FELSOL
UPDT:8401
SYN: FELSOL POWDERS
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T52T77 orl-man TDLo:63 mg/kg (1-39W preg) LANCAO 1,1241,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FELSOL POWDERS see: LI4620000
FELSULES see: FA8750000
FELUREA see: YU0875000
FELVITEM see: JP1292500
FEMA 3150 see: UQ3150000
FEMA 3186 see: DV5460000
FEMA 3192 see: XJ5072000
FEMA 3208 see: UQ3700000
FEMA 3230 see: KJ2551000
FEMA 3231 see: UQ3900000
FEMA 3243 see: EN0340000
FEMA 3251 see: OB5310000
FEMACOID see: GL1224000
FEMADOL see: EL[illegible]
FEMAMIDE see: ON9110800
FEMANTHREN GOLDEN YELLOW see: HO7030000
FEMERGIN see: KE8225000
FEMEST see: GL1224000
FEMESTRAL see: KG2975000
FEMESTRONE see: KC4050000
FEMESTRONE INJECTION see: KG8575000
FEM H see: GL1224000
FEMIDYN see: KG8575000
FEMINONE see: RC8925000
FEMMA see: OV6475000
FEMOGEN see: KG2975000
FEMOGEN see: GL1224000
FEMOGEX see: KG5793000
FEMPROPAZINE see: SO4900000
FEMULEN see: BC8963000
FENAC see: AJ8750000
FENACAINE see: AD0350000
FENACEMID see: YU0875000
FENACEMIDE see: YU0875000
FENACETAMIDE see: YU0875000
FENACET BLUE G see: CB0540000
FENACET FAST YELLOW G see: AC3662000
FENACETIL-KARBAMIDE see: YU0875000
FENACETINA see: AM4375000
FENACET YELLOW G see: AC3662000
FENACTIL see: SN8925000
FENADIAZOLE see: SM5850000
FENADONE see: MJ6130000
FENAE see: AJ8750000
FENAFOR RED PB see: QJ6475500
FENAGLICODOLO see: EK1050000
FENAKROM ORANGE R see: VO5310000
FENAKRON BLUE BLACK EB see: QK2195000
FENAKTYL see: SN8925000
FENALAC RED FKB EXTRA see: QJ1897000
FENALAMIDE see: ON9110800
FENALAN YELLOW E see: DB5042500
FEN-ALL see: DH7700000
FENALUZ BROWN BRL see: GL7375000
FENAM see: AB8050000
FENAMIDE see: ON9110800
FENAMIN see: XY5600000
FENAMIN see: SI1750000
FENAMIN BLACK E see: QJ6160000
FENAMIN BLUE 2B see: QJ6400000
FENAMINE see: XY5600000
FENAMINE see: XZ3850000
FENAMIN GREEN M see: QJ6195050
FENAMINOSULF see: CZ1750000
FENAMIN SCARLET 3B see: QJ6476000
FENAMIN SKY BLUE see: QJ6420000
FENAMIN SKY BLUE 3F see: QJ6430000
FENAMIN YELLOW TP see: GD0197800
FENAMIN YELLOW TR see: GD0197800
FENAMIPHOS see: TB3675000
FENAMIZOL see: XJ4020000
FENAMIZOL HYDROCHLORIDE see: XJ4025000
FENANTOIN see: MU1050000
FENANTOIN see: MU1400000
FENAPANIL see: MP4380000
FENARA see: SI1750000
FENARIMOL see: UV9279400
FENAROL see: XJ1050000
FENAROL see: KK2275000
FENARSONE see: CF9275000
FENARTIL see: UQ8225000
FENASAL see: VN8400000
FENASPARATE see: VO0720000
FENATE see: NI2200000
FENATROL see: XY5600000
FENATROL see: AJ8750000
FENAVAR see: XZ3850000
FENAZAFLOR see: DD6650000
FENAZEPAM see: DE9770000
FENAZIL see: SO6825000
FENAZIL see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
FENAZO BLUE SR see: QJ6300000
FENAZO BLUE XF see: BP6830000
FENAZO BLUE XI see: BQ4725000
FENAZO BLUE XR see: BQ4550000
FENAZO BLUE XV see: BP6830000
FENAZO EOSINE XG see: LM5850000
FENAZO GREEN 7G see: BQ4900000
FENAZO GREEN L see: BQ4375000
FENAZOLINA see: NJ2150000
FENAZONE see: CD2450000
FENAZO ORANGE see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
FENAZO RED B see: QJ6030000
FENAZO RED C see: QK1925000
FENAZO SCARLET 2R see: QJ6825000
FENAZO SCARLET 3R see: QJ6530000
FENAZOXINE HYDROCHLORIDE see: DM4200000
FENAZO YELLOW M see: DB7329500
FENAZO YELLOW T see: UQ6400000
FENAZO YELLOW XX see: DE4098000
FENBENDAZOL see: DD6520500
FENBENDAZOLE see: DD6520500
FENBENICILLIN POTASSIUM SALT see: XH9320000
FENBITAL see: CQ6825000
FENBRAC see: CY1577750
FENBUFEN see: DV1761000
FENBUTATIN OXIDE see: JN8770000
FENCAL see: CG0830000
FENCAMFAMINE HYDROCHLORIDE see: RB6825000
FENCAMINE HYDROCHLORIDE see: KV7525000
FENCARBAMIDE see: FA4439000
FENCARBAMIDE HYDROCHLORIDE see: FA4440000
FENCARBAMIDE NAPADISILATE see: FA4442000
FENCARBAMIDE 1,5-NAPHTHALENEDISULFONATE see: FA4442000
FENCAROL see: VD4830000
FENCE RIDER see: AJ8400000
FENCHEL OEL (German) see: LJ2550000
FENCHLOORFOS (Dutch) see: TG0525000
FENCHLORFOS see: TG0525000
FENCHLORFOSU (Polish) see: TG0525000
FENCHLOROPHOS see: TG0525000
FENCHLORPHOS see: TG0525000
alpha-FENCHOL see: RB7650000
endo-FENCHOL see: RB7650000

LI9870000 FENCHOLIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8311 MW: 305.94 MOLFM: C16-H31-N-O2 Cl-H
SYN: beta-DIETHYLAMINOETHYL FENCHOLATE HYDROCHLORIDE * beta-DIETHYLAMINOETHYL 1-METHYL-3-ISOPROPYL CYCLOPENTANECARBOXYLATE HYDROCHLORIDE * MRD-112
TOXICITY DATA AND REFERENCES:
1F07 ivn-mus LD50:72 mg/kg ANTCAO 4,56,54

FENCHON (German) see: RB7875000
FENCHONE see: RB7875000
(+)-FENCHONE see: RB7875200
d-FENCHONE see: RB7875200
DI-(+)-FENCHONE see: RB7875200
FENCHYL ACETATE see: RB7660000
alpha-FENCHYL ALCOHOL see: RB7650000
FENCIBUTIROL see: GU6555300
FENCIBUTIROLO (Italian) see: GU6555300
FENCLOFENAC see: CY1577850
FENCLOFENAC DIETHYLAMMONIUM SALT see: CY1577750
FENCLOR see: TQ1350000
FENCLOZIC ACID see: XJ1800000

BEST COPY AVAILABLE

FENDILINE HYDROCHLORIDE see: DP4790000
FENDON see: AE4200000
FENDOSAL see: DG8576200
FENDOZAL see: DG8576200
FENEDRIN see: SI1750000
FENELSIN see: MV8750000
FENELZIN see: MV8750000
FENELZINA see: MV8750000
FENELZINE see: MV8750000
FENEMAL see: CQ6825000
FENERGAN see: SO6825000
FENERGAN see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
FENESTERIN see: AF5457000
FENESTREL see: GW4450000
FENESTRIN see: AF5457000
FENETAZINA see: SO6825000
FENETHAZINE HYDROCHLORIDE see: SO5425000
1-FENETILBIGUANIDE CLORIDRATO (Italian) see: DU2200000
trans-1-(4-FENILCICLOESIL)ETILAMMINA (Italian) see: GV6340000
N'-beta-FENETILFORMAMIDINILIMINOUREA (Italian) see: DU2100000
8-N-FENETIL-1-OXA-2-OXO-3,8-DIAZASPIRO-(4,5)-DECANO CLORIDRATO (Italian) see: RO0375000
FENETSIN see: MV8750000
FENFLURAMINE see: SH6820000
FENFORMINA see: DU2100000
FENFURAM see: LT8520000
FENHYDREN see: NK6125000
FENIA see: AM4375000
FENIBUT see: ES7175000
FENIBUTASAN see: UQ8225000
FENIBUTAZONA see: UQ8225000
FENIBUTOL see: UQ8225000
FENICOL see: AB6825000
FENICOL see: DO5470000
FENIDANTOIN 'S' see: MU1050000
FENIDIN see: YT1450000
FENIDINA see: AM4375000
FENIDRONE see: GD3900000
FENIGAM see: ES7175000
FENIGAMA see: ES7175000
2-FENIL-5-BROMO-INDANDIONE (Italian) see: NK5156000
FENILBUTAZONA see: UQ8225000
FENILBUTINE see: UQ8225000
FENILDICLOROARSINA (Italian) see: CH5425000
FENILDIMETIL-PIRAZOLON-METILAMINOMETANSOLFONATO SODICO (Italian) see: PB1300000
FENILEP see: YU0875000
3-FENIL-3-ETIL-2-AZETIDINONE (Italian) see: CM4553000
2-FENIL-2-ETIL-4-TIOCIANO-GLUTARIMMIDE (Italian) see: XK9485000
FENILFAR see: DO7525000
FENILIDINA see: UQ8225000
FENILIDRAZINA (Italian) see: MV8925000
2-FENILIDRAZONE della 2,4-DIOXO-TIAZOLIDINA (Italian) see: XJ6279900
FENILIN see: NK6125000
FENILISOPROPILIDRAZINA see: MV7350000
2-FENIL-1,3,4-OSSADIAZOLO (Italian) see: RO0811300
FENILPRENAZONE see: UQ8230000
2-FENILPROPANO (Italian) see: GR8575000
FENILPROPANOLAMINA (Italian) see: RC2275000
FENINA see: AM4375000
FENIPENTOL see: DN8780000
FENISED see: YU0875000
FENISOREX see: DJ2548200
FENISTIL see: UT0830000
FENISTIL-RETARD see: UT0830000
FENITOIN see: MU1400000
FENITOINA see: MU1050000
FENITOX see: TG0350000
FENITROTHION see: TG0350000
FENITROTION (Hungarian) see: TG0350000
FENIZIN see: MV8750000
FENIZON (French) see: DB5600000
FENKAPTON (Dutch) see: TD5775000
FENKAROL see: VD4830000
FENMEDIFAM see: FD9050000

LJ2550000 FENNEL OIL

UPDT.8305 CAS: 8006-84-6
SYN: BITTER FENNEL OIL * FENCHEL OEL (German) * OIL of FENNEL

IRRITATION DATA AND REFERENCES:

skn-mus 100% SEV		FCTXAV 12,879,74
skn-rbt 500 mg/24H MOD		FCTXAV 12,879,74
skn-rbt 500 mg/24H		FCTXAV 14,309,76

MUTATION DATA AND REFERENCES:

mma-sat 2500 ug/plate	JAFCAU 30,563,82

TOXICITY DATA AND REFERENCES:

orl-rat LD50:3120 mg/kg	PHARAT 14,435,59

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FENNOSAN B 100 see: XI2800000
FENOBARBITAL see: CQ6825000
FENOBOLIN see: KG7995000
FENOCYCLIN see: SF7300000
FENOCYCLINE see: SF7300000
FENOFLURAZOLE see: DD6650000
FENOL (Dutch, Polish) see: SJ3325000
FENOLO (Italian) see: SJ3325000
FENOLOVO see: WH8575000
FENOLOVO ACETATE see: WH6650000
FENOPHOSPHON see: TB0700000
FENOPROFEN CALCIUM see: UF6550000
FENOPROFEN CALCIUM DIHYDRATE see: CY1678900
FENOPROFEN CALCIUM SALT DIHYDRATE see: CY1678900
FENOPROMIN see: SH9000000
FENOPROMIN see: SI1750000
FENOPRON see: CY1678900
FENOPROP see: UF8225000
FENORMONE see: UF8225000
FENOSED see: CQ6825000
FENOSTENYL see: YU0875000
FENOSTIL see: UT0830000
FENOSUCCIMIDE see: WN3325000
FENOTEROL BROMIDE see: DO1500000
FENOTEROL HYDROBROMIDE see: DO1500000
FENOTHIAZINE (Dutch) see: SN5075000
FENOTIAZINA (Italian) see: SN5075000
FENOTONE see: UQ8225000
FENOVERM see: SN5075000
FENOX see: DO7525000
FENOXAZOL see: RQ2975000
FENOXEDIL see: AB4785000
FENOXEDIL HYDROCHLORIDE see: AB4785000
FENOXYBENZAMIN see: DP3750000
2-FENOXYETHANOL (Czech) see: KM0350000
FENOXYL CARBON N see: SL2800000
FENOXYPEN see: XH9275000
FENOZAFLOR see: DD6650000
FENPENTADIOL see: SA0525000
FENPIPRAMIDE see: TM5073300
FENPROBAMATO see: UB9275000
FENPROPANATE see: GZ2090000
FENPROPATHRIN see: GZ2090000
FENPROPAZINA see: SO4900000
FENPROPEMORPH see: QE2060000
FENPROPIMORPH see: QE2060000
FENSON see: DB5600000
FENSONE see: DB5600000
FENSPIRIDE see: RO0375000
FENSPIRIDE HYDROCHLORIDE see: RO0375000
FENSULFOTHION see: TF3850000
FENTAL see: YR0450000
FENTANEST see: UE5550000
FENTANEST see: UE5600000
FENTANIL see: UE5550000
FENTANYL see: UE5550000
FENTANYL CITRATE see: UE5600000
FENTANYL HYDROCHLORIDE see: UE5551000
FENTAZIN see: TL7175000
FENTHION see: TF9625000
FENTHIONATE see: AJ7875000
FENTIAZAC see: XJ1890000
FENTIAZIN see: SN5075000
FENTIAZON see: XJ7010500
FENTIN ACETAAT (Dutch) see: WH6650000
FENTIN ACETAT (German) see: WH6650000
FENTIN ACETATE see: WH6650000
FENTIN CHLORIDE see: WH6860000
FENTINE ACETATE (French) see: WH6650000
FENTIN HYDROXIDE see: WH8575000
FENTOIN see: MU1050000
FENTONIUM BROMIDE see: YM3770000
FENTRIFANIL see: BX1230000
FENTRINOL see: PB0870200
FENTROTHIONE see: TG0350000

LJ5081500 FENUGREEK ABSOLUTE

UPDT.8305 CAS: 68990-15-8

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD	FCTXAV 16,755,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FENULON see: YT1450000
FENURAL see: YU0875000
FENURAM see: LT8520000
FENUREA see: YU0875000
FENURON see: YT1450000
FENURONE see: YU0875000
FENURON TCA see: AJ8225000
FENURON TCA SALT see: AJ8225000
FENURON TRICHLOROACETATE see: AJ8225000
FENVALERATE see: CY1576350
1-FENYL-4-AMINO-5-CHLOR-6-PYRIDAZINON (Czech) see: UR6125000
FENYLBUTAZON see: UQ8225000
FENYL-CELLOSOLVE (Czech) see: KM0350000
1-FENYL-3,3-DIETHYLTRIAZEN (Czech) see: XY0450000
1-FENYL-3,3-DIMETHYLTRIAZIN see: XY2100000
m-FENYLENDIAMIN (Czech) see: SS7700000
FENYLENODWUAMINA (Polish) see: SS8050000
FENYLEPSIN see: MU1050000
FENYLESTER KYSELINY CHLORMRAVENCI (Czech) see: FG3850000
FENYLETTAE see: CQ6825000
FENYL-GLYCIDYLETHER (Czech) see: TZ3675000
FENYLNIST see: KR7000000
FENYLHYDRAZINE (Dutch) see: MV8925000
FENYL-ha,-HYDROXYETHYLSULFON (Czech) see: KM2300000
FENYLMER.URIACETAT (Czech) see: OV6475000
FENYLMERCURICHLORID (Czech) see: OW1400000
2-FENYLOTIOMOCZNIK (Polish) see: FE1225000
2-FENYL-PROPAAN (Dutch) see: GR8575000
FENYPRIN see: SH5075000
FENYTAN see: YU0875000
FENYTOINE see: MU1050000
FENYTOINE see: MU1400000
FENZAFLOR see: DD6650000
FENZEN (Czech) see: CY1400000
FEOJECTIN see: NO7700000
FEOSOL see: NO8500000
FEOSOL see: NO8510000
FEOSPAN see: NO8500000
FEOSTAT see: LT1950000
FEPRAZONE see: UQ8530000
FEPRONA see: CY1678900

LJ6000000 FERASTRAL

UPDT.8303 CAS: 73361-47-4
SYN: IRON-POLY(SORBITOL-GLUCONIC ACID) COMPLEX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3125T26T35	ims-rat TDLo:200 mg(Fe)/kg (12-15D preg)	SJHSBD 32,69,77
1T46	ims-rat TDLo:250 mg(Fe)/kg (6-15D preg)	SJHSBD 32,69,77
1T34	ims-rbt TDLo:325 mg(Fe)/kg (6-18D preg)	SJHSBD 32,69,77

TOXICITY DATA AND REFERENCES:

IF25	ivn-rat LD50:920 mg(Fe)/kg	SJHSBD 32,58,77

TOXICITY DATA HAVE NOT BEEN EVALUATED
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

1P25 scu-mus LD50:2098 mg(Fe)/kg SJHSBD 32,58,77
1P25 ivn-mus LD50:1160 mg(Fe)/kg SJHSBD 32,58,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FERBAM see: NO8750000
FERBAM 50 see: NO8750000
FERBAME see: NO8750000
FERBAM, IRON SALT see: NO8750000
FERBECK see: NO8750000
FERBERK see: NO8750000
FERBIFRUGIN see: VA3450000
FERDEX 100 see: NI2200000

LJ6306000 FERENSIMYCIN A
UPDT:8305 MW: 680.92 MOLFM: C34-H59-O10 No

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:30 mg/kg JANTAJ 35,1119,82

LJ6307000 FERENSIMYCIN B
UPDT:8305 MW: 664.93 MOLFM: C35-H61-O10 No

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg JANTAJ 35,1119,82
* ipr-mus LD50:50 mg/kg JANTAJ 35,1119,82

FERGON see: LZ5150000
FERGON PREPARATIONS see: LZ5150000
FER-IN-SOL see: NO8510000
FER-IN-SOL see: NO8500000
FERISAN see: AM4900000
FERKETHION see: TE1750000
FERLUCON see: LZ5150000
FERMATE see: NO8750000
FERMATE FERBAM FUNGICIDE see: NO8750000
FERMENICIDE LIQUID see: WS4550000
FERMENICIDE POWDER see: WS4550000
FERMENTATION ALCOHOL see: KQ6300000
FERMENTATION AMYL ALCOHOL see: EL5425000
FERMENTATION BUTYL ALCOHOL see: MP9625000
FERMIDE see: JO1400000
FERMINE see: TI1575000
FERMOCIDE see: NO8750000
FERNACOL see: JO1400000
FERNASAN see: JO1400000
FERNASAN A see: JO1400000
FERNESTA see: AG6825000
FERNESTA see: AG8050000
FERNEX see: TF1610000
FERNIDE see: JO1400000
FERNIMINE see: AG6825000
FERNISOLONE see: TU4152000
FERNOS see: EZ9100000
FERNOXENE see: AG8925000
FERNOXONE see: AG6825000
FERO-GRADUMET see: NO8510000
FEROTON see: LT1950000
FER PENTACARBONYLE (French) see: NO4900000
FERRADOW see: NO8750000
FERRALYN see: NO8500000
FERRATE(1-), ((ETHYLENEDINITRILO)TETRAACETATO)-, SODIUM (8CI) see: AM4900000

LJ8225000 FERRATE(3-), HEXACYANO-, TRIPOTASSIUM
UPDT:8312 CAS: 13746-66-2 MW: 329.27 MOLFM: C6-Fe-N6-3K
SYN: POTASSIUM FERRICYANATE * POTASSIUM FERRICYANIDE * POTASSIUM FERROCYANIDE * TRIPOTASSIUM HEXACYANOFERRATE

MUTATION DATA AND REFERENCES:
mmo-smc 100 mmol/l MUREAV 117,149,83
mrc-smc 100 mmol/L MUREAV 117,149,83

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1600 mg/kg KODAK* 21MAY71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
* EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
FERRATE (3-), HEXACYANOTRIS(3-DODECYL-1-METHYL-2-PHENYLBENZIMIDAZOLIN)IUM see: DE2275000

LJ8240000 FERRATE(3-), HEXAFLUORO-, TRIAMMONIUM SALT
UPDT:7901 CAS: 13815-28-6 MW: 224.00 MOLFM: F6-Fe-H12-N2
SYN: AMMONIUM HEXAFLUOROFERRATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#04248

REVIEW AND REFERENCES:
* TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
* OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
* CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

LJ8400000 FERRATE(3-), PENTACYANONITROSO-, COBALT
UPDT:7901 CAS: 63919-21-1
SYN: COBALT NITROPRUSSIDE * COBALT NITROSOPENTACYANOFERRATE(3)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:147 mg/kg AIPTAK 172,487,68
ipr-rat LD50:15 mg/kg AIPTAK 172,487,68
orl-mus LD50:74 mg/kg AIPTAK 172,487,68
ipr-mus LD50:10700 ug/kg AIPTAK 172,487,68
ivn-rbt LDLo:9400 ug/kg AIPTAK 172,487,68

STANDARDS & REGULATIONS:
* OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
* CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LJ8929000 FERRATE(1-), TETRACHLORO-, compd. with 1,3-DIPHENYL-5,6-DIHYDRONAPHTHO(2,1-b)THIOPYRYLIUM
UPDT:8311 MW: 550.16 MOLFM: C25-H20-S-Cl4-Fe
SYN: 1,3-DIPHENYL-5,6-DIHYDRONAPHTHO(2,1-b)THIOPYRYLIUM compd. with TETRACHLOROFERRATE(1-) * NAPHTHO(2,1-b)THIOPYRYLIUM, 5,6-DIHYDRO-1,3-DIPHENYL-, compd with TETRACHLOROFERRATE(1-) * TETRACHLOROFERRATE(1-) compd with 1,3-DIPHENYL-5,6-DIHYDRONAPHTHO(2,1-b)THIOPYRYLIUM

TOXICITY DATA AND REFERENCES:
* par-mus LD50:265 mg/kg PCJOAU 16,348,82

LJ8929100 FERRATE(1-), TETRACHLORO-, compd. with 4-(p-METHOXYPHENYL)-2-PHENYL-5,6-DIHYDRONAPHTHO (1,2-b)THIOPYRYLIUM
UPDT:8311 MW: 580.19 MOLFM: C26-H22-O-S-Cl4-Fe

TOXICITY DATA AND REFERENCES:
* par-mus LD50:265 mg/kg PCJOAU 16,348,82

FERRATE(3-), TRIS(ETHANEDIOATO(2-)-O,O')-, TRIAMMONIUM, (OC-6-11)- (9CI) see: LJ8932000

LJ8932000 FERRATE(3-), TRIS(OXALATO)-, TRIAMMONIUM
UPDT:8403 CAS: 14221-47-7 MW: 374.05 MOLFM: C6-Fe-O12-3H4-N
SYN: AMMONIUM FERRIC OXALATE * AMMONIUM FERRIOXALATE * AMMONIUM TRIOXALATOFERRATE(III) * FERRATE(3-), TRIS(ETHANEDIOATO(2-)-O,O')-, TRIAMMONIUM, (OC-6-11)- (9CI) * FERRIC AMMONIUM OXALATE * FERRIC AMMONIUM OXALATE (DOT) * NA 9119 (DOT) * TRIAMMONIUM TRIS-(ETHANEDIOATO(2-)-O,O')FERRATE(3-1)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MOD FCTOD7 20,563,82
eye-rbt 100 mg MOD FCTOD7 20,573,82
eye-rbt 100 mg/45 ms MLD FCTOD7 20,573,82

STANDARDS & REGULATIONS:
* DOT-HAZARD:ORM-E, LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
FERRIAMICIDE see: PC8225000
FERRIC AMMONIUM CITRATE see: GE7540000
FERRIC AMMONIUM OXALATE see: LJ8932000
FERRIC AMMONIUM OXALATE (DOT) see: LJ8932000
FERRIC ARSENATE see: NO4585000
FERRIC ARSENATE, SOLID (DOT) see: NO4585000
FERRIC ARSENITE see: NO4600000
FERRIC ARSENITE, BASIC see: NO4600000
FERRIC ARSENITE, SOLID (DOT) see: NO4600000

LJ9100000 FERRIC CHLORIDE
UPDT:8406 CAS: 7705-08-0 MW: 162.20 MOLFM: Cl3-Fe
SYN: CHLORURE FERRIQUE (French) * FERRIC CHLORIDE, SOLID, ANHYDROUS (DOT) * FERRIC CHLORIDE, SOLID (DOT) * FERRIC CHLORIDE, solution (DOT) * FLORES MARTIS * IRON CHLORIDE * IRON(III) CHLORIDE * IRON CHLORIDE SOLID (DOT) * IRON SESQUICHLORIDE, solid (DOT) * IRON TRICHLORIDE * PERCHLORURE DE FER (French) * UN 1773 (DOT) * UN 2582 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 ihv-rat TDLo:12976 ug/kg (1D male) JRPFA4 7,21,64
1T24 ivg-rat TDLo:29 mg/kg (1D pre) CCPTAY 4,91,71

TOXICITY DATA AND REFERENCES:
3F17F23F24 orl-rat LD50:1872 mg/kg GISAAA 48(9),71,83
orl-mus LDJ0:1278 mg/kg AUPJB7 6,92,70
ipr-mus LD50:68 mg/kg COREAF 256,1043,63
ivn-mus LD50:142 mg/kg AUPJB7 6,92,70

REVIEW AND REFERENCES:
* TLV-TWA 1 mg/m3; STEL 2 mg/m3 DTLVS* 4,233,80

STANDARDS & REGULATIONS:
* DOT-HAZARD:ORM-B; LABEL:NONE, anhydrous CFRGBR 49,172.101,82
* DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
* EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0880-0358
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FERRIC CHLORIDE, solution (DOT) see: LJ9100000
FERRIC CHLORIDE, SOLID, ANHYDROUS (DOT) see: LJ9100000
FERRIC CHLORIDE, SOLID (DOT) see: LJ9100000
FERRIC DEXTRAN see: NI2200000
FERRIC DIMETHYLDITHIOCARBAMATE see: NO8750000
FERRIC FLUORIDE see: NO6865000
FERRIC FLUORIDE (DOT) see: NO6865000

LJ9625000 FERRIC HYDROXIDE NITRILOTRIPROPIONIC ACID COMPLEX
DEF:Complex with 20.0% Fe. (J.I.N.C.O.A. 19,239,65)
UPDT:8401
SYN: IRON(+3) HYDROXIDE COMPLEX with NITRILO-TRI-PROPIONIC ACID

TUMORIGENIC DATA AND REFERENCES:
3V03P61R60 ims-mus TDLo:45 mg(Fe)/kg/3W-I CNCOAR 19,239,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LJ9700000 FERRIC METHANEARSONATE
UPDT:8309 CAS: 6565-53-1 MW: 229.96 MOLFM: C-H13-As-Fe-N3-O2
SYN: FERRIC MONOMETHYLARSONATE * NEO-ASOZIN * NEO SO SIN GIN * NEO SO SIN GIN-S

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:1000 mg/kg FMCHA2 -,C167,83
orl-mus LD50:1000 mg/kg BSARAE 4,30,76

STANDARDS & REGULATIONS:
* OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
FERRIC MONOMETHYLARSONATE see: LJ9700000
FERRIC NITRATE see: QU8915000
FERRIC NITRATE (DOT) see: QU8915000
FERRIC NITROSODIMETHYL DITHIOCARBAMATE and TETRAMETHYL THIURAM DISULFIDE see: NO7250000
FERRICON see: QJ6477000
FERRIC OXIDE see: NO7400000
FERRIC OXIDE mixed with BENZO(a)PYRENE (1:1) see: DJ6380200
FERRIC OXIDE mixed with 3,4-BENZOPYRENE (1:1) see: DJ6380200
FERRIC OXIDE (COLLOIDAL) see: NO7400000
FERRIC OXIDE, SACCHARATED see: NO7700000
FERRIC SACCHARATE ... IRON OXIDE (MIX.) see: NO7700000
FERRIC SODIUM EDETATE see: AM4900000
FERRIC SODIUM EDTA see: AM4900000
FERRIC SODIUM GLUCONATE COMPLEX see: NO8300000
FERRIC SULFATE see: NO8505000
FERRIC SULFATE (DOT) see: NO8505000
FERRICYANURE DE TRI(1-DODECYL-2-PHENYL-3-METHYL-1,3-BENZIMIDAZOLIUM (French) see: DE2275000
FERRIDEXTRAN see: NI2200000
FERRIGEN see: NO6210000

LK0500000 FERRITIN
UPDT:8401 CAS: 9007-73-2

MUTATION DATA AND REFERENCES:
cyt-ham:oar 27 mg/L CNREAB 41,1628,81

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:224 mg/kg/15W-I BJCAAI 18,667,64

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FERRIVENIN see: NO7700000

LK0700000 FERROCENE
UPDT:8401 CAS: 102-54-5 MW: 186.05 MOLFM: C10-H10-Fe
SYN: BISCYCLOPENTADIENYLIRON * DI-2,4-CYCLOPENTADIEN-1-YLIRON * IRON BIS(CYCLOPENTADIENE) * IRON DICYCLOPENTADIENYL

TUMORIGENIC DATA AND REFERENCES:
2V03V10 ims-rat TDLo:5175 mg/kg/2Y-I NCIUS* PH 43-64-886,AUG,69

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1220 mg/kg — SCCUR* -,5,61
ipr-rat LD50:900 mg/kg — NCIUS* PH 43-04-R86,JAN,65
orl-mus LD50:1330 mg/kg — SCCUR* -,5,61
ipr-mus LD50:333 mg/kg — NCIUS* PH 43-04-R86,JAN,65
irn-mus LD50:178 mg/kg — CSLNX* NX#02382
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg/m3, STEL 20 mg/m3 — DTLVS* 4,138,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LK0725000 FERROCENE, 1,1'-BIS(TRIBUTYLSTANNYL)-
UPDT.7901 CAS: 12291-11-1 MW: 764.19 MFPM: C34-H62-Fe-Sn2
SYN: BIS(TRI-n-BUTYLSTANNYL)CYCLOPENTADIENYLIRON
TOXICITY DATA AND REFERENCES:
irn-mus LD50:56 mg/kg — CSLNX* NX#03870
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3,STEL 200 ug(Sn)/m3 — DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-K) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 — NTIS**

LK0742000 FERROCERIUM
UPDT.8212
SYN: FERROCERIUM (DOT) * UN 1323 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE SOLID; LABEL-FLAMMABLE SOLID — CFRGBR 49,172.102,83
FERROCERIUM (DOT) see: LK0742000
FERROCHROME see: LK0750000

LK0750000 FERROCHROME (exothermic)
UPDT.8308 CAS: 11114-46-8
SYN: CARBON FERROCHROMIUM * CHROME FERROALLOY * CHROMIUM ALLOY, Cr,C,Fe,N,Si (9CI) * CHROMIUM ALLOY, BASE, Cr,C,Fe,N,Si (FERROCHROMIUM) * EXOTHERMIC FERROCHROME (DOT) * FERROCHROME * FERROCHROME, exothermic (DOT) * FERROCHROMIUM
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 23,205,80
★ TLV-TWA 500 ug(Cr)/m3 — DTLVS* 4,98,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Cr)/m3 — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-C; LABEL:NONE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
FERROCHROME, exothermic (DOT) see: LK0750000
FERROCHROMIUM see: LK0750000
FERRODEXTRAN see: NI2200000
FERROFUME see: LT1950000
FERROGLUCIN see: NI2200000
FERROGLUKIN 75 see: NI2200000
FERRO-GRADUMET see: NO8500000
FERRO LEMON YELLOW see: EV3150000

LK0900000 FERROMANGANESE (exothermic)
UPDT.8402 CAS: 12604-53-4
SYN: EXOTHERMIC FERROMANGANESE (DOT) * FERROMANGANESE, exothermic (DOT)
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ENVRAI 16,139,78
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-C; LABEL:NONE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
FERROMANGANESE, exothermic (DOT) see: LK0900000
FERRON see: VC2800000
FERRONAT see: LT1950000
FERRONE see: LT1950000
FERRONICUM see: LZ5150000
FERRO ORANGE YELLOW see: EV3150000

LK1300000 FERROPHOSPHORUS
UPDT.8308 CAS: 8049-19-2
SYN: FERROPHOSPHORUS (DOT) * IRON ALLOY, BASE, Fe,P (FERROPHOSPHORUS)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
FERROPHOSPHORUS (DOT) see: LK1300000
FERROSAN see: SK7010000

LK1400000 FERROSILICON
UPDT.8312 CAS: 8049-17-0
SYN: FERROSILICON (DOT) * FERROSILICON, containing more than 30% but less than 90% silicon (DOT) * UN 1408 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO-FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET, POISON — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
FERROSILICON (DOT) see: LK1400000
FERROSILICON, containing more than 30% but less than 90% silicon (DOT) see: LK1400000
FERROSULFAT (German) see: NO8500000
FERROSULFATE see: NO8500000
FERROTEMP see: LT1950000
FERRO-THERON see: NO8500000
FERROUS see: NO6925000
FERROUS AMMONIUM SULFATE see: WS3830000
FERROUS ARSENATE see: NO4580000
FERROUS ARSENATE, SOLID (DOT) see: NO4580000
FERROUS CHLORIDE see: NO5400000
FERROUS CHLORIDE, solid (DOT) see: NO5400000
FERROUS CHLORIDE, solution (DOT) see: NO5400000
FERROUS DIAMMONIUM DISULFATE see: WS3830000
FERROUS FERRITE see: NO7380000
FERROUS FUMARATE see: LT1950000
FERROUS GLUCONATE see: LZ5150000
FERROUS GLUTAMATE see: MA1300000
FERROUS ION see: NO6925000
FERROUS ISOTHIOCYANATE see: XL1550000
FERROUS LACTATE see: OD5525000
FERROUS LACTATE TRIHYDRATE see: OD5575000
FERROUS METAL BORINGS, SHAVINGS, TURNINGS, OR CUTTINGS (DOT) see: NO6925000
FERROUS SULFATE see: NO8500000
FERROUS SULFATE see: NO8510000
FERROUS SULFATE (1:1) see: NO8500000
FERROUS SULPHATE see: NO8500000

LK2900000 FERROVANADIUM DUST
UPDT.8201 CAS: 12604-58-9
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BSDHAX V,46,74
★ TLV-TWA 1 mg/m3; STEL 3 mg/m3 — DTLVS* 4,192,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 (SCP-N) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:TWA 1.0 mg(V)/m3 — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
FERROXDURE see: CQ9520800
FERRO YELLOW see: EV3150000
FERRUGO see: MO7400000
FERSAMAL see: LT1950000
FERSOLATE see: NO8500000
FERTENE see: TQ1325000
FERTILVIT see: GP8588000
FERTILYSIN see: AC6800000
FERTODUR see: GO7550000

LK3120000 FERULA JAESCHKEANA Vatke., root extract
DEF:Indian plant belonging to the family UMBELLIFERAE (JEBAA6 16,220,78)
UPDT.8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg — JEBAA6 16,220,78
FERULIC ACID see: GD9275000
FERULIC ACID, trans- see: GD9275080
FERVENULIN see: UW7900000
FERVENULINE see: UW7900000
FERVIN see: GU8390000
FERXONE see: AG6825000
FES see: DM2550000
FESOFOR see: NO8510000
FESOTYME see: NO8510000
FETTORANGE 4A see: QL4900000
FETTORANGE 8 see: QL5850000
FETTORANGE LG see: QL4900000
FETTORANGE R see: QL4900000
FETTPONCEAU G see: QK4250000
FETTROT see: QK4250000
FETTSCHARLACH see: QK4250000
FETTSCHARLACH LB see: QK4250000
FEVERALL see: PB1300000
FEVONIL see: PB1300000
FF see: AS3510000
FF see: AS3500000
FF 106 see: ET5030000
FFB 32 see: TB6450000
F-5-FU see: YR0450000
FG 74 see: FH4710000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((3,4-O-CYCLOHEXYLIDENE-2,6-DIDEOXY)beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
FG 79 see: FH4920330 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-METHYLETHYLIDENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14,19-TRIHYDROXY-
FG 200 see: FH4940000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(PHENYLMETHYLENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
FG 202 see: FH4920250 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(4-METHYLCYCLOHEXYLIDENE)-beta-D- ribo-D-HEXOP RANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
FG 203 see: FH4920100 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(2-METHYLCYCLOHEXYLIDENE)-beta-D- ribo-HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
FG 207 see: FH4715000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,4-O-CYCLOPENTYLIDENE-2,6-DIDEOXY-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
FG 209 see: FH4919300 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-ETHYLNONYLIDENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
FG 272 see: FH4945000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-PHENYLMETHYL)PROPYLIDENE)-beta-D- ribo-HEXOPYRANOSYL)-5,14-DIHYDROXY-19-OXO-
FG 274 see: FH4925000 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-PHENYLBUTYLIDENE)-beta-D-ribo- HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-9-OXO-
FG 413 see: FH4920150 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(3-METHYLCYCLOHEXYLIDENE)-beta-D- ribo-HEXAPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
FG 798 see: FH4920400 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-METHYL-4-HEXENYLIDENE)-beta-D- ribo-HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
FG 834 see: WL6475000
FG 5111 see: EU4025000
FGA see: TU5024000
FH 099 see: AC2325000
FHA see: BV8151300
FH 122-A see: JR8225300
FHCH see: GV4950000
F.I 106 see: AV9800000
F.I. 50-30 see: MS0350000
FI 5853 see: WK2320000
F.I. 5978 see: WP0175000
F.I. 6239 see: SN6950000
FI6339 see: HB7875000
FI 6361 see: TU3460000
F.I. 6654 see: DM3300000
FI 6714 see: KE6341000
FIBERGLASS see: LK3651000
FIBER V see: TR2725000
FIBRALEM see: UE9480000
FIBRASET TC see: YU1610000

LK3636000 FIBRAURIA CHLOROLEUCA, bark extract
UPDT.8207
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:31 mg/kg — CPBTAL 13,882,65
FIBRE BLACK W see: QJ6160000
FIBREINE C 400 see: WW2710000
FIBROTAN see: OW6300000

LK3651000 FIBROUS GLASS
DEF:A of a borosilicate variety, of low alkalinity and consists of calcium aluminoborosilicate(DTLVS* 4,192,80)
UPDT.8409

BEST COPY AVAILABLE

SYN: FIBERGLASS * GLASS * GLASS FIBERS
MUTATION DATA AND REFERENCES:
oms-hmn:fbr 10 mg/L MUREAV 116,369,83
oms-hgr-gnt 10 mg/L MUREAV 116,369,83
TUMORIGENIC DATA AND REFERENCES:
1V03 ipr-rat TDLo:50 mg/kg IAPUDO 30,337,80
2V02V10 imp-rat TDLo:200 mg/kg JJIND8 67,965,81
1V03 ipr-rbt TDLo:25 mg/kg IAPUDO 30,337,80
1V03 ipr-ham TDLo:400 mg/kg IAPUDO 30,337,80
2V03V10 imp-rat TD :200 mg/kg IARCCD 8,289,73
3V03J60M60 imp-mus TD :1600 mg/kg BJURAN 36,225,64
2V03J60 ipl-rat TD :100 mg/kg IAPUDO 30,311,80
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg/m3 (dust) DTLVS° 4,193,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO FIBROUS GLASS recm std-air:TWA 3000000 fibers/m3 NTIS**
STATUS:
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5000 and 7400
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FIBROUS GRUNERITE see: C16475000
FICAM see: FC1140000
FICAM D see: FC1140000
FICAM ULV see: FC1140000
FICAM W see: FC1140000
FICHLOR 91 see: XZ1925000
FI CLOR 91 see: XZ1925000
FI CLOR 605 see: XZ1900000
FICORTRIL see: GM8925000

LK3770000 FICUS AMPLISSIMA Smith, extract excluding roots
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2M10V30 ipr-mus LD50:.30 mg/kg IJEBA6 18,594,80

LK3780000 FICUS ARNOTTIANA Miq., stem bark extract
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 11,43,72)
UPDT:8302
SYN: GAJPIPAL STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

LK3782000 FICUS ASPERRIMA Roxb., extract excluding roots
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

LK3783000 FICUS CALLOSA Willd., extract excluding roots
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

LK3785000 FICUS CLAVATA Miq., extract excluding roots
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

LK3786000 FICUS ELASTICA Roxb., extract excluding roots
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

LK3790000 FICUS FISTULOSA Reinw., extract excluding roots
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 11,43,73)
UPDT:8303
SYN: KALAPONG EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:600 mg/kg IJEBA6 11,43,73

LK3795000 FICUS HISPIDA Linn., extract excluding roots
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

LK3830000 FICUS LYRATA (PANDURATA) Hort., leaf extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
° ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76

LK3840000 FICUS NEMORALIS Wall., extract excluding roots
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2M30V30 ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

LK4030000 FICUS RACEMOSA Linn., gall extract
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: GULAR GALL EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

LK4040000 FICUS RUMPHII Blume, stem bark extract
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: GAJAR STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:750 mg/kg IJEBA6 9,91,71

LK4045000 FICUS SARMENTOSA Ham. & J.E. Smith, extract
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

LK4050000 FICUS SCABRELA Roxb., extract excluding roots
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: KARDUMUR EXTRACT
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:250 mg/kg IJEBA6 9,91,71

FIL DE TERRE (French) see: QA4280000
FIGAROIC ACID see: NI2720000

LK4108000 FIG LEAF ABSOLUTE
DEF:Found in the leaves of FICUS CARICA L. (FCTOD7 20(Suppl),691,82)
UPDT:8305
IRRITATION DATA AND REFERENCES:
skn-mus 100% FCTOD7 20(Suppl),691,82

FILARIOL see: TE7000000
FILARSEN see: SJ5775000

LK4300000 FILICIUM DECIPIENS Thw., extract excluding roots
DEF:Indian plant belonging to the family SAPINDACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:36 mg/kg IJEBA6 12,512,74

FILIX MAS (B.P.) see: CJ0100000
FILM (DOT) see: QW0970000
FILMERINE see: RA1225000
FILORAL see: GA7420000
FILTRASORB see: FF5250100
FILTRASORB 200 see: FF5250100
FILTRASORB 400 see: FF5250100
FIMALENE see: NS1750000

LK4926000 FIMBRISTYLIS AESTIVALIS (Retz.) Vahl, extract
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

LK4927000 FIMBRISTYLIS BISUMBELLATA (Forsk.) Bub., extract
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

FINA, combustion products see: AT6975000
FINAL see: TW3570000
FINAVEN see: UQ9820000
FINDOLAR see: TZ1225000
FINDOLOR see: TZ1225000
FINE GUM HES see: FJ5950000
FINEMEAL see: CR0600000
FINIMAL see: AE4200000
FINTIN ACETATO (Italian) see: WH6630000
FINTINE HYDROXYDE (French) see: WH8575000
FINTIN HYDROXID (German) see: WH8575000
FINTIN HYDROXYDE (Dutch) see: WH8575000
FINTIN IDROSSIDO (Italian) see: WH8575000
FINURET see: DA9625000
FIO see: RQ2975000
FIOCORTRIL see: GM8925000
FIORINAL see: AM4375000
FIP see: TE1750000
FIRE DAMP see: PA1495000

LK5060000 FIREMASTER BP-6
UPDT:8408 CAS: 59536-65-1
SYN: BIPHENYL, HEXABROMO- (technical grade) * HEXABROMOBIPHENYL (technical grade) * PBB * POLYBROMINATED BIPHENYLS
MUTATION DATA AND REFERENCES:
dnd-sal:oth 8 umol/L EVHPAZ 23,51,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T76T81T86 orl-rat TDLo:215 mg/kg (8-22D preg/28D post) TXAPA9 59,300,81
1T35 orl-rat TDLo:22500 ug/kg (7-15D preg) EVHPAZ 23,295,78
1T34 orl-rat TDLo:11250 ug/kg (7-15D preg) EVHPAZ 23,295,78
1T51 orl-rat TDLo:21500 ug/kg (8-22D preg/28D post) TXAPA9 59,300,81
1T45 orl-rat TDLo:400 mg/kg (11D preg) ASBDD9 2,211,79
1T85 orl-rat TDLo:24600 ug/kg (6-22D preg/24D post) TOXID9 4,86,84
1T72 orl-mus TDLo:108 mg/kg (8-16D preg) TXAPA9 37,171,76
2T41T43 orl-mus TDLo:144 mg/kg (7-18D preg) ENVRAL 10,390,75
1T34 orl-mus TDLo:216 mg/kg (8-16D preg) TXAPA9 37,171,76
1T51 orl-mus TDLo:90 mg/kg (15D post) EVHPAZ 23,233,78
2T25T35 orl-mus TDLo:312 mg/kg (4-16D preg) TXAPA9 37,171,76
1T81 orl-mky TDLo:5700 ug/kg (30W pre/24W preg) EVHPAZ 23,139,78
1T83 orl-pig TDLo:4 mg/kg (8-16W preg/28D post) AJVRAH 42,183,81
1T87 orl-pig TDLo:41 mg/kg (8-16W preg/28D post) AJVRAH 42,183,81
1T81 orl-ctl TDLo:37500 ug/kg (1-60D preg) EVHPAZ 23,83,78
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TD :1000 mg/kg EVHPAZ 23,265,78
2V01L60 orl-rat TD :1300 mg/kg/18W-I JJIND8 66,535,81
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 44,175,82; EVHPAZ 24,173,78
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 18,107,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LK5065000 FIREMASTER FF-1
UPDT:8412 CAS: 67774-32-7
SYN: 2,4,5,2',4',5'-HEXABROMOBIPHENYL * PBB * POLYBROMINATED BIPHENYL * POLYBROMINATED BIPHENYL (FF-1)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T41T43 orl-mus TDLo:360 mg/kg (6-15D preg) TOXID9 4,87,84
1T29 orl-mus TDLo:900 mg/kg (6-15D preg) TOXID9 4,87,84
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:375 mg/kg/26W-I NTPTR* NTP-TR-244,83
3V01J60L60 orl-mus TDLo:1250 mg/kg/26W-I NTPTR* NTP-TR-244,83
2V02L60 orl-rat TD :1000 mg/kg LANCAO 2,602,79
2V01L60 orl-rat TD :1250 mg/kg/26W-I NTPTR* NTP-TR-244,83
STATUS:
★ NTP CARCINOGENESIS STUDIES COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NTPTR* NTP-TR-244,83)
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FIREMASTER LV-T 23P see: UB0350000
FIREMASTER T23P see: UB0350000
FIREMASTER T23P-LV see: UB0350000
FIRMACIF see: XI0390000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL-1,3,4-THIADIAZOL-2-YL) THIO)METHYL)-8-OXO-7-(((1H-TETRAZOL-1-YL)ACETYL)AMINO)-, (6R-trans)-, SODIUM SALT
FIRMATEX BK see: NJ060/000
FIRMAZOLO see: DA9520000

LK5097000 FIRMIANA COLORATA (Roxb.) DC., stem bark extract
DEF:Indian plant belonging to the family STARCULIACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: KAUSI STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
° ipr-mus LD50:375 mg/kg IJEBA6 9,91,71

FIRMOTOX see: UR4200000

LK5100000 FIR NEEDLE OIL, SIBERIAN
UPDT:8205 CAS: 8021-29-2
IRRITATION DATA AND REFERENCES:
skn-hmn 12300 ug/48H FCTXAV 13,450,75

...XICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTAN... ...ATION DOES NOT IMPLY A... RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

skn-rbt 500 mg/24H MOD FCTXAV 13,450,75

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:10200 mg/kg FCTXAV 13,450,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

FIR OIL see: AA4350000

FIRON see: LT1950000

FISH BERRY see: TJ9100000

FISH-TOX see: DJ2800000

FISIOQUENS see: RC8945400

FISISA, combustion products see: AT6975000

FISONS 825 see: FD7700000

FISONS NC-1493 see: FB9910000

FISONS NC 2964 see: TE2100000

FISONS NC 5016 see: DD6650000

FISSUCAIN see: DG4725000

FITIOS see: TE0960000

FITIOS B/77 see: TE0960000

FITROL see: GF1670500

FITROL DESICCITE 25 see: GF1670500

FIXANOL BLACK E see: QJ6160000

FIXANOL BLUE 2B see: QJ6400000

FIXANOL SKY BLUE FF see: QJ6430000

FIXANOL VIOLET N see: QK1420000

FIXANOL YELLOW GS see: GD0197800

FIXAPRET CP see: NJ0607000

FIXAPRET CP 40 see: NJ0607000

FIXAPRET CPK see: NJ0607000

FIXAPRET CPN see: NJ0607000

FIXAPRET CPNS see: NJ0607000

FIXOL see: RG7850000

6FK see: UC2450000

F 4K20 see: KX4025000

FK 749 see: XI0368000

FK 1160 see: TL7050000

F XLOT see: SG1225000

FKS see: VV8225000

FL see: YS5775000

FL-1039 see: XI0187000

FL 1060 see: XI0185000

FLAC see: CG0830000

FLACAVON R see: UB0350000

FLACEDIL see: BS1100000

FLACETNYLE see: AJ1460000

LK6360000 FLACOURITA SAPIDA Roxb., stem extract

DEF:Indian plant belonging to the family FLACOURTIACEAE (UEBA6 7,250,69)

UPDT:8305

SYN: KATI STEM EXTRACT

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:730 mg/kg UEBA6 7,250,69

LK6380000 FLACOURTIA SEPIARIA Roxb., extract excluding roots

DEF:Indian plant belonging to the family FLACOURTIACEAE (UEBA6 9,91,71)

UPDT:8305

SYN: BHYINCHA EXTRACT

TOXICITY DATA AND REFERENCES:

1U26 ipr-mus LD50:375 mg/kg UEBA6 9,91,71

LK6400000 FLACRASID

UPDT:8308

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:2690 mg/kg PLMEAA 43,105,81

* ivn-mus LD50:2450 mg/kg PLMEAA 43,105,81

FLAGECIDIN see: BZ9800000

FLAGEMONA see: NI5600000

FLAGESOL see: NI5600000

FLAGIL see: NI5600000

FLAGYL see: NI5600000

FLAMANIL see: AM9700000

FLAMARYL see: UQ8400000

FLAMENCO see: XR2275000

FLAME TONES see: QL3436000

FLAMEX T 23P see: UB0350000

FLAMING RED see: QL3436000

FLAMMEX AP see: UB0350000

FLAMMEX LV-T 23P see: UB0350000

FLAMMEX T 23P see: UB0350000

LK6631700 FLAMMULIN

UPDT:8308 CAS: 62362-31-6

SYN: NSC-525661

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:25 mg/kg 83ERAY 3,2057,78

FLAMOLIN MF 15711 see: TQ3325000

1-FLAMPROP-ISOPROPYL see: UE8880000

FLAMYCIN see: QI7750000

FLANARIL see: UQ8400000

FLANOGEN ELA see: FI0700000

FLAROXATE HYDROCHLORIDE see: DJ2450000

FLAVACRIDINIUM HYDROCHLORICUM see: AR9660000

LK6908000 FLAVANONE, 7-((6-O-(6-DEOXY-alpha-L-MANNOPYRANOSYL)-beta-D-GLUCOPYRANOSYL)OXY)-4'-METHOXY- 3',5,7-TRIDFOXY-, phosphorylated

UPDT:8406

SYN: HESPERIDIN, phosphorylated * PHOSPHORYLATED HESPERIDIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23 ipr-mus TDLo:140 mg/kg (7D male) SCIEAS 116,373,52

1T22 ivg-rbt TDLo:7500 ug/kg (1D pre) CCPTAY 19,95,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LK6920000 FLAVANONE, 3,3',4',5,7-PENTAHYDROXY-

UPDT:8312 CAS: 480-18-2 MW: 304.27 MOLFM: C15-H12-O7

SYN: 4H-1-BENZOPYRAN-4-ONE, 2-(3,4-DIHYDROXYPHENYL)-2,3-DIHYDRO-3,5,7-TRIHYDROXY- * 4H-1-BENZOPYRAN-4-ONE, 2-(3,4-DIHYDROXYPHENYL)-2,3-DIHYDRO-3,5,7-TRIHYDROXY-, (2R-trans) * CATECHIN HYDRATE * DIHYDROQUERCETIN * (+)-DIHYDROQUERCETIN * 2,3-DIHYDROQUERCETIN * (2R,3R)-DIHYDROQUERCETIN * DISTYLIN * FLAVONE, 2,3-DIHYDRO-3,3',4',5,7-PENTAHYDROXY- * 3,3',4',5,7-PENTAHYDROXYFLAVANONE * QUERCETIN, DIHYDRO. * TAXIFOLIN * TAXIFOLIOL

MUTATION DATA AND REFERENCES:

mma-sat 100 ug/plate ENMUDM 3,401,81

mma-sat 1660 nmol/plate MUREAV 54,297,78

cyt-ham:fbr 1 gm/L/48H MUREAV 48,337,77

TOXICITY DATA AND REFERENCES:

1Y55 ipr-rat LD50:1200 mg/kg JJPAAZ 21,377,71

ipr-mus LD50:985 mg/kg RPTOAN 38,213,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

LK6925000 FLAVANONE, 3,3',4',5',7-PENTAHYDROXY-

UPDT:8303 CAS: 2542-38-3 MW: 304.27 MOLFM: C15-H12-O7

SYN: 4H-1-BENZOPYRAN-4-ONE, 2,3-DIHYDRO-3,7-DIHYDROXY-2-(3,4,5-TRIHYDROXYPHENYL)-, trans- * DIHYDRORobinetin * 2,3-DIHYDRORobinetin * HYDRORobinetin * 3,3',4',5',7-PENTAHYDROXYFLAVANONE

MUTATION DATA AND REFERENCES:

mma-sat 100 ug/plate ENMUDM 3,401,81

LK6960000 FLAVAN POLYMERS

DEF:A derivative of CRATAEGUS (PLMEAA 43,105,81)

UPDT:8306

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:130 mg/kg PLMEAA 43,105,81

FLAVASPIDIC ACID see: EU1400000

FLAVASPIDSAEURE (German) see: EU1400000

FLAVAXIN see: VJ1400000

FLAVAZONE see: LT7700000

LK7300000 FLAVENSOMYCIN

UPDT:8308 CAS: 29382-82-9 MW: 854.12 MOLFM: C47-H65-O14

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:5 mg/kg 85GDA2 6,412,81

* ipr-mus LD50:1 mg/kg 85GDA2 6,412,81

* scu-mus LD50:2 mg/kg 85FZAT -,1291,67

FLAVIN see: AR9625000

FLAVINE see: AR9625000

FLAVINE see: AR9660000

FLAVINE see: AR9065000

FLAVINETTEN see: AR9660000

FLAVIN SULPHATE see: AR9065000

FLAVIOFORM see: AR9660000

FLAVIPIN see: AR9660000

FLAVISEPT see: AR9660000

FLAVISPIDIC ACID BB see: EU1400000

FLAVITROL see: OD4725000

FLAVOLUTAN see: TW0175000

FLAVOMYCELIN see: EK6125000

FLAVOMYCIN see: QA3020000

FLAVONE see: DJ3100630

LK8257000 FLAVONE, 4'-CHLORO-8-((DIETHYLAMINO)METHYL)-7-METHOXY-3-METHYL-

UPDT:8405 MW: 385.92 MOLFM: C22-H24-Cl-N-O3

SYN: 4'-CHLORO-8-((DIETHYLAMINO)METHYL)-7-METHOXY-3-METHYLFLAVONE

TOXICITY DATA AND REFERENCES:

3F12F17J26 ipr-mus LD50:75 mg/kg ARPMAS 316,421,83

LK8257500 FLAVONE, 4'-CHLORO-8-((DIMETHYLAMINO)METHYL)-7-METHOXY-3-METHYL-

UPDT:8405 MW: 357.86 MOLFM: C20-H20-Cl-N-O3

SYN: 4'-CHLORO-8-((DIMETHYLAMINO)METHYL)-7-METHOXY-3-METHYLFLAVONE

TOXICITY DATA AND REFERENCES:

3F12F17J26 ipr-mus LD50:18 mg/kg ARPMAS 316,421,83

LK8258500 FLAVONE, 4'-CHLORO-7-METHOXY-3-METHYL-8-(PIPERIDINOMETHYL)-

UPDT:8405 MW: 397.93 MOLFM: C23-H24-Cl-N-O3

SYN: 4'-CHLORO-7-METHOXY-3-METHYL-8-(PIPERIDINOMETHYL)FLAVONE

TOXICITY DATA AND REFERENCES:

3F12F17J26 ipr-mus LD50:694 mg/kg ARPMAS 316,421,83

LK8258700 FLAVONE, 4'-CHLORO-7-METHOXY-3-METHYL-8-(1-PYRROLIDINYLMETHYL)-

UPDT:8405 MW: 383.90 MOLFM: C22-H22-Cl-N-O3

SYN: 4'-CHLORO-7-METHOXY-3-METHYL-8-(1-PYRROLIDINYLMETHYL)FLAVONE

TOXICITY DATA AND REFERENCES:

3F12F17J26 ipr-mus LD50:143 mg/kg ARPMAS 316,421,83

LK8290000 FLAVONE, 8-((DIETHYLAMINO)METHYL)-4'-FLUORO-7-METHOXY-3-METHYL-

UPDT:8405 MW: 369.47 MOLFM: C22-H24-F-N-O3

SYN: 8-((DIETHYLAMINO)METHYL)-4'-FLUORO-7-METHOXY-3-METHYLFLAVONE

TOXICITY DATA AND REFERENCES:

3F12F17J26 ipr-mus LD50:117 mg/kg ARPMAS 316,421,83

LK8326500 FLAVONE, 8-((DIETHYLAMINO)METHYL)-7-METHOXY-3-METHYL-

UPDT:8405 MW: 351.48 MOLFM: C22-H25-N-O3

SYN: 8-((DIETHYLAMINO)METHYL)-7-METHOXY-3-METHYLFLAVONE * 8-((DIETHYLAMINO)METHYL)-7-METHOXY-3-METHYL-2-PHENYLCHROMONE

TOXICITY DATA AND REFERENCES:

3F12F17J26 ipr-mus LD50:28 mg/kg ARPMAS 316,421,83

FLAVONE, 2,3-DIHYDRO-3,3',4',5,7-PENTAHYDROXY- see: LK6920000

LK8329000 FLAVONE, 4',7-DIHYDROXY-

UPDT:8303 CAS: 2196-14-7 MW: 254.23 MOLFM: C15-H10-O4

SYN: 4H-1-BENZOPYRAN-4-ONE, 7-HYDROXY-2-(4-HYDROXYPHENYL)- * 4',7-DIHYDROXYFLAVONE * 7,4'-DIHYDROXYFLAVANONE

MUTATION DATA AND REFERENCES:

mma-sat 100 ug/plate ENMUDM 3,401,81

LK8329100 FLAVONE, 5,8-DIHYDROXY-

UPDT:8311 CAS: 548-58-3 MW: 476.48 MOLFM: C20-H28-O13

SYN: 4H-1-BENZOPYRAN-4-ONE, 5,8-DIHYDROXY-2-PHENYL- (9CI) * 5,8-DIHYDROXYFLAVONE * PRIMETIN

MUTATION DATA AND REFERENCES:

mma-sat 1 nmol/plate ENMUDM 5,474,83

LK8331000 FLAVONE, 5,7-DIHYDROXY-8-METHOXY-

UPDT:8406 CAS: 632-85-9 MW: 284.28 MOLFM: C16-H12-O5

SYN: 4H-1-BENZOPYRAN-4-ONE, 5,7-DIHYDROXY-8-METHOXY-2-PHENYL- * 5,7-DIHYDROXY-8-METHOXYFLAVONE * VOGONIN * WOGONIN

MUTATION DATA AND REFERENCES:

mma-sat 20 nmol/plate MUREAV 135,77,84

LK8331100 FLAVONE, 5,8-DIHYDROXY-7-METHOXY-

UPDT:8311 CAS: 4431-47-4 MW: 284.28 MOLFM: C16-H12-O5

SYN: 4H-1-BENZOPYRAN-4-ONE, 5,8-DIHYDROXY-7-METHOXY-2-PHENYL- (9CI) * 5,8-DIHYDROXY-7-METHOXYFLAVONE * ISOWOGONIN

MUTATION DATA AND REFERENCES:

mma-sat 1 nmol/plate ENMUDM 5,474,83

LK8350000 FLAVONE, 8-((DIMETHYLAMINO)METHYL)-4'-FLUORO-7-METHOXY-3-METHYL-

UPDT:8405 MW: 341.41 MOLFM: C20-H20-F-N-O3

SYN: 8-((DIMETHYLAMINO)METHYL)-4'-FLUORO-7-METHOXY-3-METHYLFLAVONE

TOXICITY DATA AND REFERENCES:

3F12F17J26 ipr-mus LD50:32 mg/kg ARPMAS 316,421,83

LK8355000 FLAVONE, 8-(DIMETHYLAMINO)METHYL-7-HYDROXY-, HYDROCHLORIDE

UPDT:8408 CAS: 67238-75-9 MW: 331.82 MOLFM: C18-H17-N-O3 Cl-H

SYN: 8-((DIMETHYLAMINO)METHYL)-7-HYDROXYFLAVONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:13100 ug/kg JMPCAS 3,471,61

LK8400000 FLAVONE, 8-(DIMETHYLAMINOMETHYL)-7-METHOXY-3-METHYL-

UPDT:8405 CAS: 1165-48-6 MW: 323.42 MOLFM: C20-H21-N-O3

SYN: DIMEFLINE * 8-(DIMETHYLAMINOMETHYL)-7-METHOXY-3-METHYLFLAVONE * 8-((DIMETHYLAMINO)METHYL)-7-METHOXY-3-METHYL-2-PHENYLFLAVONE * DW 62 * MALIVAN * N-(7-METHOXY-3-METHYL-4-OXO-2-PHENYL-4H-CHROMEN-8-YL)METHYL-N,N-DIMETHYLAMINE * REANMIL * REC 7-0267 * REMEFLIN

TOXICITY DATA AND REFERENCES:

orl-rat LD50:40 mg/kg RPOBAR 1,423,64

TOXICITY DATA HAVE NOT BEEN EVALUATED.

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

ip:-rat LD50:6 mg/kg TXAPA9 18,185,71
ivn-rat LD50:1800 ug/kg RPOBAR 1,423,64
rec-rat LD50:10 mg/kg RPOBAR 1,423,64
orl-mus LD50:12 mg/kg JAPCAS 3,471,61
ipr-mus LD50:4800 ug/kg RPOBAR 1,423,64
scu-mus LD50:4 mg/kg RPOBAR 1,423,64
ivn-mus LD50:1500 ug/kg RPOBAR 1,423,64
ivn-dog LDLo:1 mg/kg RPOBAR 1,423,64
ivn-cat LDLo:1 mg/kg RPOBAR 1,423,64
ivn-rbt LDLo:2 mg/kg RPOBAR 1,423,64
orl-ham LD50:25 mg/kg RPOBAR 1,423,64
ipr-ham LD50:9 mg/kg RPOBAR 1,423,64
scu-ham LD50:12 mg/kg RPOBAR 1,423,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

7-FLAVONE ETHYL HYDROXYACETATE see: AJ1460000

FLAVONE-7-ETHYL-OXYACETATE see: AJ1460000

LK8645800 FLAVONE, 4'-FLUORO-7-METHOXY-3-METHYL-8-(PIPERIDINOMETHYL)-
UPDT:8405 MW: 381.48 MOLFM: C23-H24-F-N-O3
SYN: 4'-FLUORO-7-METHOXY-3-METHYL-8-(PIPERIDINOMETHYL)FLAVONE

TOXICITY DATA AND REFERENCES:
3F12F17J26 ipr-mus LD50:330 mg/kg ARPMAS 316,421,83

LK8645900 FLAVONE, 4'-FLUORO-7-METHOXY-3-METHYL-8-(1-PYRROLIDINYLMETHYL)-
UPDT:8405 MW: 367.45 MOLFM: C22-H22-F-N-O3
SYN: 4'-FLUORO-7-METHOXY-3-METHYL-8-(1-PYRROLIDINYLMETHYL)FLAVONE

TOXICITY DATA AND REFERENCES:
3F12F17J26 ipr-mus LD50:243 mg/kg ARPMAS 316,421,83

LK8648000 FLAVONE, 3,3',4',5,5',7-HEXAHYDROXY-, HEXAACETATE
UPDT:8303 CAS: 14813-29-7 MW: 570.49 MOLFM: C27-H22-O14
SYN: 4H-1 BENZOPYRAN-4-ONE, 3,5,7-TRIHYDROXY-2-(3,4,5-TRIHYDROXYPHENYL)-, HEXAACETATE * 3,3',4',5,5',7-HEXAHYDROXYFLAVONE HEXAACETATE * MYRICETIN HEXAACETATE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate ENMUDM 3,401,81

LK8650100 FLAVONE, 8-HYDROXY-
UPDT:8311 CAS: 77298-64-7 MW: 238.25 MOLFM: C15-H10-O3
SYN: 4H-1 BENZOPYRAN-4-ONE, 8-HYDROXY-2-PHENYL- (9CI) * 8-HYDROXYFLAVONE

MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate ENMUDM 5,474,83

LK8654000 FLAVONE, 3-METHOXY-5,7,8-TRIHYDROXY-
UPDT:8311 MW: 284.28 MOLFM: C16-H12-O5
SYN: 4H-1-BENZOPYRAN-4-ONE, 3-METHOXY-2-PHENYL-5,7,8-TRIHYDROXY- (9CI) * 3-METHOXY-5,7,8-TRIHYDROXYFLAVONE * 5,7,8-TRIHYDROXY-3-METHOXYFLAVONE

MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate ENMUDM 5,474,83

LK8694000 FLAVONE, 7-METHOXY-3-METHYL-8-(MORPHOLINOMETHYL)-
UPDT:8405 MW: 365.46 MOLFM: C22-H23-N-O4
SYN: 7-METHOXY-3-METHYL-8-(MORPHOLINOMETHYL)FLAVONE * 7-METHOXY-3-METHYL-8-(MORPHOLINOMETHYL)-2-PHENYLCHROMONE

TOXICITY DATA AND REFERENCES:
3F12F17J26 ipr-mus LD50:85 mg/kg ARPMAS 316,421,83

LK8724000 FLAVONE, 7-METHOXY-3-METHYL-8-(PIPERIDINOMETHYL)-
UPDT:8405 MW: 363.49 MOLFM: C23-H25-N-O3
SYN: 7-METHOXY-3-METHYL-2-PHENYL-8-(PIPERIDINOMETHYL)CHROMONE * 7-METHOXY-3-METHYL-8-(PIPERIDINOMETHYL)FLAVONE

TOXICITY DATA AND REFERENCES:
3F12F17J26 ipr-mus LD50:55 mg/kg ARPMAS 316,421,83

LK8749000 FLAVONE, 2',3,4',5,7-PENTAHYDROXY-
UPDT:8403 CAS: 480-16-0 MW: 302.25 MOLFM: C15-H10-O7
SYN: AL-MORIN * AURANTICA * 4H-1-BENZOPYRAN-4-ONE, 2-2-(2,4-DIHYDROXYPHENYL)-3,5,7-TRIHYDROXY- * BOIS D'ARC (French) * CALICO YELLOW * C.I. 75660 * C.I. NATURAL YELLOW 8 * C.I. NATURAL YELLOW 11 * 2'-HYDROXYPELARGIDENOLON 1522 * MORIN * OSAGE ORANGE * OSAGE ORANGE CRYSTALS * OSAGE ORANGE EXTRACT * 2',3,4',5,7-PENTAHYDROXYFLAVONE * TOXYLON POMIFERUM

MUTATION DATA AND REFERENCES:
mma-sat 250 ug/plate BCSTB5 5,1489,77
mma-sat 166 nmol/plate MUREAV 54,297,78
dnr-bcs 2 mg/disc TRENAF 27,153,76

TOXICITY DATA AND REFERENCES:
3F07F18J25 ipr-mus LD50:555 mg/kg AIPTAK 123,395,60

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LK8750000 FLAVONE, 3,3',4',5,7-PENTAHYDROXY-
UPDT:8412 CAS: 117-39-5 MW: 302.25 MOLFM: C15-H10-O7
SYN: C.I. NATURAL RED 1 * C.I. NATURAL YELLOW 10 & 13 * 4H-1-BENZOPYRAN-4-ONE, 2-(3,4-DIHYDROXYPHENYL)-3,5,7-TRIHYDROXY- (9CI) * C.I. 75670 * C.I. NATURAL YELLOW 10 * CYANIDELONON 1522 * MELETIN * NCI-C60106 * 3,5,7,3',4'-PENTAHYDROXYFLAVON * 3,5,7,3',4'-PENTAHYDROXYFLAVONE * QUERCETIN * QUERCETINE * QUERCETOL * QUERCITIN * QUERTINE * SOPHORETIN * 3',4',5,7-TETRAHYDROXYFLAVAN-3-OL * T-GELB BZW. GRUN I * XANTHAURINE

MUTATION DATA AND REFERENCES:
mma-sat 13 nmol/plate MUREAV 54,297,78
mma-sat 55 nmol/plate MUREAV 54,297,78
cyt-hmn:fbr 5 mg/L PJABDW 56,443,80
cyt-hmn:lym 10 mg/L PJABDW 56,443,80
sce-hmn:fbr 1 mg/L PJABDW 56,443,80
sce-hmn:lym 8 mg/L PJABDW 56,443,80
mnt-mus-ipr 200 mg/kg MUREAV 89,69,81
mma-mus:lym 20 mg/L MUREAV 88,317,81
otr-mus:lym 10 mg/L MUREAV 88,317,81
dnd-mus:lym 10 mg/L ENMUDM 2,230,80
msc-mus:lym 20 mg/L ENMUDM 2,230,80
mnt-ham-orl 1 gm/kg ENMUDM 2,231,80
mnt-ham-ipr 33 mg/kg ENMUDM 2,231,80
mma-ham:lng 50 mg/L CANNA2 70,273,79
otr-ham:emb 5 mg/L TOLED5 1,175,77
cyt-ham:fbr 1 mg/L PJABDW 56,443,80
cyt-ham:ovr 9 mg/L ENMUDM 2,231,80
sce-ham:fbr 5 mg/L PJABDW 56,443,80
sce-ham:ovr 15 mg/L MUREAV 113,45,83
msc-ham:lng 20 mg/L GANNA2 70,273,79
msc-ham:ovr 9 mg/L ENMUDM 2,231,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:20 mg/kg (6-15D preg) FCTOD7 20,75,82

TUMORIGENIC DATA AND REFERENCES:
3V01K60M60 orl-rat TDLo:33610 mg/kg/58W-C CNREA8 40,3468,80
2V03J60 orl-mus TDLo:966 gm/kg/23W-C GANNA2 72,327,81
3V01K60M60 orl-rat TD :38235 mg/kg/58W-C CNREA8 40,3468,80
2V02L60 orl-rat TD :243 gm/kg/3Y-C PAACA3 25,95,84
2V02L60 orl-rat TD :487 gm/kg/3Y-C PAACA3 25,95,84

TOXICITY DATA AND REFERENCES:
orl-rat LD50:161 mg/kg PSEBAA 77,269,51
orl-mus LD50:159 mg/kg PSEBAA 77,269,51
scu-mus LD50:97 mg/kg PSEBAA 77,269,51
ivn-mus LD50:18 mg/kg C3HMX* NIX#02309

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 31,213,83

STATUS:
NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LK8780000 FLAVONE, 3,3',4',5',7-PENTAHYDROXY-
UPDT:8307 CAS: 490-31-3 MW: 302.25 MOLFM: C15-H10-O7
SYN: 3,3',4',5,7-PENTAHYDROXYFLAVONE * ROBINETIN

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate BCSTB5 5,1489,77
mma-sat 100 ug/plate BCSTB5 5,1489,77

LK8950000 FLAVONE, 3,3',4',5,7-PENTAHYDROXY-, DIHYDRATE
UPDT:8403 CAS: 6151-25-3 MW: 338.29 MOLFM: C15-H10-O7 2H2-O
SYN: QUERCETIN DIHYDRATE

TUMORIGENIC DATA AND REFERENCES:
3V03T61N61 orl-rat TDLo:1350 gm/kg/77W-C CALEDQ 13,15,81
3V03T61N61 orl-rat TD :4250 gm/kg/121W-C CALEDQ 13,15,81

TOXICITY DATA AND REFERENCES:
orl-mus LD50:159 mg/kg PSEBAA 77,269,51

STATUS:
MEETS CRITERIA FOR PROPOSED OSMA MEDICAL RECORDS RULE

LK8960000 FLAVONE, 3,3',4',5,7-PENTAHYDROXY-, 3-beta-D-GLUCOFURANOSIDE
UPDT:8303 CAS: 21637-25-2 MW: 464.41 MOLFM: C21-H20-O12
SYN: 4H-1 BENZOPYRAN-4-ONE, 2-(3,4-DIHYDROXYPHENYL)-3-(beta-D-GLUCOFURANOSYLOXY)-5,7-DIHYDROXY- * ISOQUERCITRIN * ISOQUERCITROSIDE * ISOTRIFOLIN * 3,3' <,5,7-PENTAHYDROXYFLAVONE 3-beta-D-GLUCOFURANOSIDE

MUTATION DATA AND REFERENCES:
mma-sat 40 ug/plate ENMUDM 3,401,81

LK8985000 FLAVONE, 3,3',4',5,7-PENTAHYDROXY-, PENTAACETATE
UPDT:8303 CAS: 1084-09-8 MW: 512.43 MOLFM: C25-H20-O12
SYN: 4H-1-BENZOPYRAN-4-ONE, 3,5,7-TRIS(ACETYLOXY)-2-[3,4-BIS(ACETYLOXY)PHENYL]- * 3,3',4',5,7-PENTAACETOXYFLAVONE * PENTAACETYLQUERCETIN * 3,3',4',5,7-PENTAHYDROXYFLAVONE PENTAACETATE * QUERCETIN ACETATE * QUERCETIN PENTAACETATE

MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate SCIEAS 107,577,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

FLAVONE, 3,3',4',5,7-PENTAHYDROXY-, 3-(O-RHAMNOSYLGLUCOSIDE) see: VM2975000

LK9275200 FLAVONE, 3,4',5,7-TETRAHYDROXY-
UPDT:8310 CAS: 520-18-3 MW: 286.25 MOLFM: C15-H10-O6
SYN: 4H-1-BENZOPYRAN-4-ONE, 3,5,7-TRIHYDROXY-2-(4-HYDROXYPHENYL)- * CAMPHEROL * C.I. 75640 * INDIGO YELLOW * KAEMPEROL * KAEMPHEROL * KAMFEROL * KEMPFEROL * NIMBECETIN * PELARGIDENOLON * PELARGIDENOLON 1497 * POPULINETIN * RHAMNOLUTEIN * RHAMNOLUTIN * ROSIGENIN * SWARTZIOL * 3,4',5,7-TETRAHYDROXYFLAVONE * TRIFOLITIN * 5,7,4'-TRIHYDROXYFLAVONOL

MUTATION DATA AND REFERENCES:
mma-sat 166 nmol/plate MUREAV 54,297,78
dnd-esc 100 umol/L MUREAV 89,95,81
mnt-mus-ipr 200 mg/kg MUREAV 89,69,81
cyt-ham-ovr 25 mg/L MUREAV 113,45,83
sce-ham-ovr 45 mg/L MUREAV 113,45,83
msc-ham-ovr 25 mg/L MUREAV 113,45,83

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 31,171,83

LK9275250 FLAVONE, 3,5,7,8-TETRAHYDROXY-
UPDT:8408 MW: 286.25 MOLFM: C15-H10-O6
SYN: 4H-1-BENZOPYRAN-4-ONE, 2-PHENYL-3,5,7,8-TETRAHYDROXY- (9CI) * 8-HYDROXYGALANGIN * 3,5,7,8-TETRAHYDROXYFLAVONE

MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate ENMUDM 5,474,83

LK9275430 FLAVONE, 3',4',5,6-TETRAHYDROXY-7-METHOXY-
UPDT:8303 CAS: 22384-63-0 MW: 316.28 MOLFM: C16-H12-O7
SYN: 4H-1-BENZOPYRAN-4-ONE, 2-(3,4-DIHYDROXYPHENYL)-5,6-DIHYDROXY-7-METHOXY- * PEDALITIN * 3',4',5,6-TETRAHYDROXY-7-METHOXYFLAVONE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate ENMUDM 3,401,81

LK9275470 FLAVONE, 3',4',5,6-TETRAHYDROXY-7-METHOXY-, TETRAACETATE
UPDT:8303 CAS: 25702-20-3 MW: 484.44 MOLFM: C24-H20-O11
SYN: 7-METHOXY-3',4',5,6-TETRAHYDROXYFLAVONE TETRAACETATE * PEDALITIN TETRAACETATE

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate ENMUDM 3,401,81

LK9275480 FLAVONE, 3,6,7,8-TETRAMETHOXY-3',4',5-TRIHYDROXY-
UPDT:8405 MW: 388.37 MOLFM: C19-H18-O9
SYN: 3,6,7,8-TETRAMETHOXY-3',4',5-TRIHYDROXYFLAVONE * 5,3',4'-TRIHYDROXY-3,6,7,8-TETRAMETHOXYFLAVONE

MUTATION DATA AND REFERENCES:
mnt-mus-ipr 500 ug/kg MUREAV 119,339,83

LK9275500 FLAVONE, 3,5,7-TRIHYDROXY-
UPDT:8408 CAS: 548-83-4 MW: 270.25 MOLFM: C15-H10-O5
SYN: 4H-BENZOPYRAN-4-ONE, 3,5,7-TRIHYDROXY-2-PHENYL- * GALANGIN * NORIZALPININ * 3,5,7-TRIHYDROXYFLAVONE

MUTATION DATA AND REFERENCES:
mma-sat 133 nmol/plate MUREAV 54,297,78
mnt-mus-ipr 1 gm/kg MUREAV 124,255,83
mnt-ham-ipr 33 mg/kg ENMUDM 2,231,80
cyt-ham-ovr 25 mg/L MUREAV 113,45,83
sce-ham-ovr 65 mg/L MUREAV 113,45,83
msc-ham-ovr 20 mg/L MUREAV 113,45,83

LK9276000 FLAVONE, 4',5,7-TRIHYDROXY-
UPDT:8405 CAS: 520-36-5 MW: 270.25 MOLFM: C15-H10-O5
SYN: APIGENIN * APIGENINE * APIGENOL * 4H-1-BENZOPYRAN-4-ONE, 5,7-DIHYDROXY-2-(4-HYDROXYPHENYL)- (9CI) * CHAMOMILE * C.I. NATURAL YELLOW 1 * 2-(p-HYDROXYPHENYL)-5,7-DIHYDROXYCHROMONE * PELARGIDENON 1449 * 4',5,7-TRIHYDROXYFLAVAQNE * 4',5,7-TRIHYDROXYFLAVONE * VERSULIN

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate BCSTB5 5,1489,77
mma-sat 100 ug/plate BCSTB5 5,1489,77

LK9276100 FLAVONE, 5,7,8-TRIHYDROXY-
UPDT:8406 MW: 270.25 MOLFM: C15-H10-O5
SYN: 4H-1-BENZOPYRAN-4-ONE, 2-PHENYL-5,7,8-TRIHYDROXY- (9CI) * NORWOGONIN * 5,7,8-TRIHYDROXYFLAVONE

MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate ENMUDM 5,474,83

LK9278000 FLAVONE, 4',5,7-TRIHYDROXY-3'-METHOXY-
UPDT:8303 CAS: 491-71-4 MW: 300.28 MOLFM: C16-H12-O6
SYN: 4H-1-BENZOPYRAN-4-ONE, 5,7-DIHYDROXY-2-(4-HYDROXY-3-METHOXYPHENYL)- * CHRYSERIOL * CHRYSOERIOL * LUTEOLIN 3'-METHYL ETHER * 3'-METHOXYAPIGENIN

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate ENMUDM 3,401,81

LK9279000 FLAVONE, 4',5,7-TRIHYDROXY-, TRIACETATE
UPDT:8303 CAS: 3316-46-9 MW: 348.27 MOLFM: C21-H16-O5

BEST COPY AVA

SYN: APIGENIN TRIACETATE * 4H-1-BENZOPYRAN-4-ONE, 5,7-BIS(ACETYLOXY)-2-(4-ACETYLOXYPHENYL- * 4,5,7-TRIACETOXY FLAVONE

MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate ENMUDM 3,401,81

FLAVONIC ACID see: WJ6603000
7-FLAVONOXYACETIC ACID ETHYL ESTER see: AJ1460000
FLAVOPHOSPHOLIPOL see: QA3020000
FLAVOSAN see: AR9625000
FLAVOXATE HYDROCHLORIDE see: DJ2450000
FLAVUROL see: LM5250000
FLAXAIN see: VJ1400000
FLAXEDIL see: BS1100000
FLEBOCORTID see: GM9015000
FLECK-FLIP see: KX4550000
FLECTOL A see: VB4900000
FLECTOL H see: VB4900000
FLECTOL H, POLYMER see: TQ2625000
FLECTOL PASTILLES see: VB4900000
FLEET-X see: OX6825000
FLEGYL see: NI5600000

LL0892000 FLEMINGIA CHAPPAR Buch.-Ham., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 7,250,69)
UPDT:8302
SYN: SALPANI EXTRACT

TOXICITY DATA AND REFERENCES:
2H30V30 ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

FLENAC see: CY1577850
FLEXAL see: FB3325000
FLEXAMINE G see: ST2275000
FLEXARTAL see: FB3325000
FLEXARTEL see: FB3325000
FLEXAZONE see: UQ8225000
FLEXCHLOR see: RV0450000
FLEXERIL see: HP0675000
FLEXIBAN see: HP0875000
FLEXIBLE COLLODION see: QW0970000
FLEXICHEM B see: WI4725000
FLEXILON see: DM4550000
FLEXIMEL see: TI0350000
FLEXIN see: DM4550000
FLEXOL A 26 see: AU9700000
FLEXOL DOP see: TI0350000
FLEXOL 4GO see: MO7710000
FLEXOL PLASTICIZER DOP see: TI0350000
FLEXOL TOF see: MP0770000
FLEXZONE 3C see: ST2650000
FLIBOL E see: TA0700000
FLIEGENTELLER see: TA0700000
FLINT see: VV7330000
FLINTSHOT see: VV7330000
FLIT 486 see: GW5075000
FLO-CILLIN see: XH9450000
FLO-CILLIN AQUEOUS see: XH9450000
FLOCK FLIP see: KX4550000
FLOCOOL 180 see: WD3450000
FLOCOR see: KV0350000
FLOCTAFENINE see: DM8520000
FLOGAL see: UQ8400000
FLOGAR see: NL3668500
FLO-GARD see: VV7310000
FLOGEME see: XJ1890000
FLOGHENE see: UQ8400000
FLOGINAX see: UF5275000 PROPIONIC ACID, 2-(METHOXY-2-NAPHTHYL)-, (+)-
FLOGISTIN see: UQ8400000
FLOGITOLO see: UQ8400000
FLOGODIN see: UQ8400000
FLOGORIL see: UQ8400000
FLOGOSTOP see: UQ8400000
FLOMINE see: GD6825000
FLO-MOR see: RV0540000
FLOMORE see: AJ8485000
FLOPIRINA see: UQ8400000
FLO PRO McSEED PROTECTANT see: KJ3675000
FLO PRO T SEED PROTECTANT see: JO1400000
FLO PRO V SEED PROTECTANT see: RP4550000
FLORALTONE see: DH9275000
FLORALTONE see: DH9350000
FLOBALTONE see: LY8990000
FLORASPIN see: EU5230000
FLORDIMEX see: SZ7100000
FLOREL see: SZ7100000
FLORES MARTYS see: LJ9100000
FLORIDIN see: UU3675000
FLORIDINE see: WB0350000
FLORIMYCIN see: ZA3900000
FLORIMYCIN SULFATE see: ZA3960000
FLORINEF see: TU5025000
FLORITE see: CR5700000
FLOROCID see: WB0350000
FLOROMYCIN see: ZA3900000 VIOMYCIN
FLORONE (Italian) see: DK4800000
FLOROPIPAMIDE see: DW1050000
FLOROPRYL see: TE5075000
FLOROXENE see: KO4250000

LL2652000 FLOSCOPA SCANDENS Lour., extract
DEF:Indian plant belonging to the family COMMELINACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:188 mg/kg IJEBA6 18,594,80

FLOSIN see: MU6645000
FLOSINT see: MU6645000
FLOTHENE see: TQ3325000
FLOU see: RO0689000
FLOUR SULPHUR see: WS4250000

LL2680000 FLOUVE OIL
UPDT:8305 CAS: 68916-09-6

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,757,78

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4100 mg/kg FCTXAV 16,757,78
* orl-rbt LD50:5000 mg/kg FCTXAV 16,757,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FLOVACIL see: DV2030000
FLOVIC see: AK0950000
FLOWER of PARADISE see: QL8200000
FLOWERS of ANTIMONY see: CC5650000
FLOWERS of SULPHUR see: WS4250000
FLOWERS of SULFUR (DOT) see: WS4250000
FLOWERS OF ZINC see: ZH4810000
FLOXACILLIN Sodium see: XH8680000
FLOXACILLIN SODIUM MONOHYDRATE see: XH8670000
FLOXAPEN see: XH8670000
FLOXAPEN SODIUM see: XH8680000
FLOXURIDIN see: YU7525000
FLOXURIDINE see: YU7525000
FLOZENGES see: WB0350000
FLUANISON see: EU3640000
FLUANISONE see: EU3640000
FLUATE see: KX4550000
FLUAZIFOP-BUTYL see: UA3000000
FLUBENZIMINE see: CY1202500 BENZENAMINE, N-(3-PHENYL-4,5-BIS((TRIFLUOROMETHYL)IMINO)-2-THIAZOLIDINYLIDENE)-
FLUCHLORALIN see: XU5160000
FLUCINAR see: TU3830000
FLUCLOXACILLIN SODIUM see: XH8680000
FLUCLOXACILLIN SODIUM MONOHYDRATE see: XH8670000
FLUCLOXACILLIN SODIUM SALT see: XH8680000
FLUCORT see: TU3830000
FLUCORT see: TU3832000
FLUCORTICIN see: TU3832000
FLUCORTOLONE see: TU3832500
FLUCYTHRINATE see: CY1578620
FLUCYTOSINE see: HA6040000
FLUDARABINE PHOSPHATE see: UO7440900
FLUDERMA see: TU3460000
FLUDESTRIN see: VS2200000
FLUDIAZEPAM see: DF2370305
FLUDILAT see: UM9450000
FLUDROCORTISONE see: TU5025000
FLUDROCORTONE see: TU5025000
FLUE DUST, ARSENIC-CONTG. see: CG1335000
FLUE GAS see: FG3500000
FLUEGGEA LEUCOPYRUS (Koen.) Willd., extract excluding roots see: VS4111000
SECURINEGALEUCOPYRUS (Willd.) Muell.-Arg., extract excluding roots

LL2990000 FLUEGGEA VIROSA (Willd.) Royle, extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 7,250,69)
UPDT:8301

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg IJEBA6 7,250,69

FLUEMETHYL see: DU8335000
FLUENETIL see: DU8335000
FLUENYL see: DU8335000
FLUFENAMIC ACID see: CB4375000
FLUFENAMINE see: BX1230000
FLUFENAMINSAURE (German) see: CB4375000
FLUFYLLIN see: XH5624000
FLUFYLLINE see: XH5624000
FLUIMUCETIN see: HA1660000
FLUIMUCIL see: HA1660000
FLUITRAN see: DK8925000
FLUKOIDS see: FG4900000
FLUMAMINE see: DU1790000
FLUMECINOL see: DC8525000
FLUMEN see: DX9450000
FLUMESIL see: DK8225000
FLUMETHASON see: TU3832000
FLUMETHASONE see: TU3832000
FLUMIDIN see: QO9815000
FLUMOPERONE HYDROCHLORIDE see: EU3550000
FLUNIGET see: DV2030000
FLUNISOLIDE see: TU3900000
FLUNITRAZEPAM see: DF2385000
FLUOBORIC ACID see: ED2685000
FLUOBORIC ACID (DOT) see: ED2685000
FLUOBRENE see: KH9370300
FLUOCINOLONE ACETONIDE see: TU3830000
FLUOCINOLONE 16,17-ACETONIDE see: TU3830000
FLUOCORTOLON see: TU3832500
FLUOCORTOLONE see: TU3832500
FLUODROCORTISONE see: TU5025000
FLUOHYDRIC ACID GAS see: MW6825000
FLUOHYDRISONE see: TU5025000
FLUOHYDROCORTISONE see: TU5025000
FLUO-KEM see: KX4025000
FLUOMETURON see: YT1575000
FLUON see: KX4025000
FLUON CD 1 see: KX4025000
FLUON CD 023 see: KX4025000
FLUON CD 042 see: KX4025000
FLUON G4 see: KX4025000
FLUON G163 see: KX4025000
FLUON G201 see: KX4025000
FLUON GPI see: KX4025000
FLUON L 169 see: KX4025000
FLUON L 170 see: KX4025000
FLUON L 171 see: KX4025000
FLUON L 1698 see: KX4025000
FLUOOXENE see: KO4250000
FLUOPERAZINE see: SP1500000
FLUOPERAZINE see: SP1750000
FLUOPERIDOL see: EU4550000
FLUOPHOSGENE see: FG6125000
FLUOPHOSPHORIC ACID DI(DIMETHYLAMIDE) see: TD4025000
FLUOPHOSPHORIC ACID, DIISOPROPYL ESTER see: TE5075000
FLUOR (Dutch, French, German, Polish) see: LM6475000
5-FLUORACIL (German) see: YR0350000
FLUORACIZINE see: SO4700000
FLUORAD FC 128 see: MC0525500 GLYCINE, N-ETHYL-N-((HEPTADECAFLUOROOCTYL)SULFONYL)-,POTASSIUM SALT

BEST COPY AVAILABLE

FLUORAKIL 100 see: AC1225000
FLUORAL see: WB0350000
FLUORAL, HYDRATE see: KI2850000
FLUORANE 114 see: KI1101000
4-FLUORANILIN (Czech) see: BY1575000

LL4000000 3-FLUORANTHENAMINE
UPDT:8312 CAS: 2693-46-1 MW: 217.28 MOLFM: C16-H11-N
SYN: 3-AMINOFLUORANTHENE * 4-AMINOFLUORANTHENE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 118,49,83

LL4025000 FLUORANTHENE
UPDT:8412 CAS: 206-44-0 MW: 202.26 MOLFM: C16-H10
SYN: 1,2-BENZACENAPHTHENE * BENZENE, 1,2-(1,8-NAPHTHYLENE) * BENZO(a)FLUORENE * IDRYL * 1,2-(1,8-NAPHTHALENEDIYL)BENZENE * 1,2-(1,8-NAPHTHYLENE)BENZENE * RCRA WASTE NUMBER U120
MUTATION DATA AND REFERENCES:
mma-sat 100 mg/L/72H FCTXAV 17,141,79
msc-hmn:lym 2 umol/L DTESD7 10,277,82
msc-ham:ovr 20 mg/L ENAUDM 6,539,84
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:280 mg/kg/58W-I JNCIAM 56,1237,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2000 mg/kg AIHAAP 23,95,62
* ivn-mus LD50:100 mg/kg CSLNX* NX#00205
skn-rbt LD50:3180 mg/kg AIHAAP 23,95,62
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL NEGATIVE IARC** 32,355,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
trans-FLUORANTHENE-2,3-DIHYDRODIOL see: L14390400

LL4200000 FLUORANTHENE, 2,3-DIMETHYL-
UPDT:8401 CAS: 23339-04-0 MW: 230.32 MOLFM: C18-H14
SYN: 2,3-DIMETHYLFLUORANTHENE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:40 mg/kg/20D JNCIAM 49,1165,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL4375000 FLUORANTHENE, 7,8-DIMETHYL-
UPDT:8401 CAS: 38048-37-2 MW: 230.32 MOLFM: C18-H14
SYN: 7,8-DIMETHYLFLUORANTHENE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:40 mg/kg/20D JNCIAM 49,1165,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL4380000 FLUORANTHENE, 8,9-DIMETHYL-
UPDT:8401 MW: 230.32 MOLFM: C18-H14
SYN: 8,9-DIMETHYLFLUORANTHENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:40 mg/kg/20D-I JNCIAM 49,1165,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL4390000 2,3-FLUORANTHENEDIOL, 2,3-DIHYDRO-
UPDT:8303 MW: 236.28 MOLFM: C16-H12-O2
SYN: 2,3-DIHYDRO-2,3-DIHYDROXYFLUORANTHENE * 2,3-DIHYDRO-2,3-FLUORANTHENEDIOL
MUTATION DATA AND REFERENCES:
mma-sat 1200 ng/plate CRNGDP 3,841,82

LL4390400 FLUORANTHENE-2,3-DIOL, 2,3-DIHYDRO-, trans-
UPDT:8308 CAS: 82911-12-4 MW: 238.30 MOLFM: C16-H14-O2
SYN: trans-2,3-DIHYDRODIHYDROXYFLUORANTHENE * trans-2,3-DIHYDROFLUORANTHENE-2,3-DIOL * trans-FLUORANTHENE-2,3-DIHYDRODIOL
MUTATION DATA AND REFERENCES:
msc-hmn:lym 2 umol/L DTESD7 10,277,82

LL4392000 4,5-FLUORANTHENEDIOL, 4,5-DIHYDRO-2-METHYL-
UPDT:8303 MW: 250.31 MOLFM: C17-H14-O2
SYN: 4,5-DIHYDRO-4,5-DIHYDROXY-2-METHYLFLUORANTHENE * 2-METHYL-4,5-DIHYDRO-4,5-FLUORANTHENEDIOL
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate CRNGDP 3,841,82

LL4394000 4,5-FLUORANTHENEDIOL, 4,5-DIHYDRO-3-METHYL-
UPDT:8303 MW: 250.31 MOLFM: C17-H14-O2
SYN: 4,5-DIHYDRO-4,5-DIHYDROXY-3-METHYLFLUORANTHENE * 3-METHYL-4,5-DIHYDRO-4,5-FLUORANTHENEDIOL
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate CRNGDP 3,841,82

LL4450000 2-FLUORANTHENEMETHANOL
UPDT:8303 MW: 232.29 MOLFM: C17-H12-O
SYN: 2-HYDROXYMETHYLFLUORANTHENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate CRNGDP 3,841,82

LL4460000 3-FLUORANTHENEMETHANOL
UPDT:8303 MW: 232.29 MOLFM: C17-H12-O
SYN: 3-HYDROXYMETHYLFLUORANTHENE
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate CRNGDP 3,841,82

LL4550000 FLUORANTHENE, 2-METHYL-
UPDT:8403 CAS: 33543-31-6 MW: 216.29 MOLFM: C17-H12
SYN: 2-METHYLFLUORANTHENE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CRNGDP 3,841,82
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:624 mg/kg/52W-I JNCIAM 49,1165,72
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 32,399,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL4725000 FLUORANTHENE, 3-METHYL-
UPDT:8403 CAS: 1706-01-0 MW: 216.29 MOLFM: C17-H12
SYN: 3-METHYLFLUORANTHENE
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CRNGDP 3,841,82
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:40 mg/kg/20D JNCIAM 49,1165,72
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,399,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL4750000 FLUORANTHENE, 3-NITRO-
UPDT:8306 CAS: 892-21-7 MW: 247.26 MOLFM: C16-H9-N-O2
SYN: 3-NITROFLUORANTHENE * 4-NITROFLUORANTHENE
MUTATION DATA AND REFERENCES:
mma-sat 130 ng/plate MUREAV 91,321,81
mma-sat 500 ng/plate MUREAV 91,321,81
otr-ham:emb 4100 nmol/L CRNGDP 4,357,83
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:120 mg/kg/8W-I CALEDQ 15,1,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
N-FLUORANTHEN-3-YLACETAMIDE see: AB9000000
N-3-FLUORANTHENYLACETAMIDE see: AB9000000

LL4850000 FLUORAPATITE
UPDT:7901 CAS: 1306-05-4 MW: 533.77 MOLFM: Ca10-F2-O4-P
SYN: PHOSPHATE ROCK
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
o-FLUORBENZOESAEURE (German) see: DH0250000
FLUORBENZOTEF see: CV2353200
2-(2'-FLUOR-4-BIPHENYL)-PROPIONSAEURE (German) see: DU8341100
3-(2'-FLUOR-4-BIPHENYLYL)-BUTTERSAEURE (German) see: DV8380000
2-(2'-FLUOR-4-BIPHENYLYL)-ESSIGSAEURE (German) see: DU8333500
4-(4-(2'-FLUORBIPHENYLYL))-4-HYDROXYCROTONSAEURE (German) see: GQ3550000
FLUORCORTOLONE see: TU3832500
5-FLUOR-DESOXYCYTIDIN (German) see: HA3850000

LL5075000 FLUOREN-2-AMINE
UPDT:8406 CAS: 153-78-6 MW: 181.25 MOLFM: C13-H11-N
SYN: AMINOFLUOREN (German) * 2-AMINOFLUORENE * 2-FLUORENAMINE * 2-FLUORENEAMINE * FLUORENE, 2-AMINO-
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate JJINDB 62,873,79
mma-sat 2 ug/plate MUREAV 125,23,84
dnr-sat 50 ug/plate MUREAV 89,1,81
pic-sat 10 ug/plate MUREAV 110,243,83
mma-esc 1 mg/L CNREA8 39,682,79
dnr-esc 10 mg/L JJINDB 62,873,79
dnd-esc 30 umol/L MUREAV 89,95,81
mma-bcs 50 mg/L MUREAV 95,191,82
dnr-bcs 20 uL/disc MUREAV 97,1,82
mma-omi 20 ug/plate CBINA8 22,297,78
mrc-smc 5 pph JJINDB 62,901,79
dnd-rat-ipr 4200 umol/L CNREA8 40,3579,80
dnd-rat:lvr 4200 nmol/L CNREA8 40,3579,80
dns-rat:lvr 500 nmol/L ENMUDM 3,11,81
bfa-rat/sat 10 mg/kg ENMUDM 1,155,79
msc-rat:lvr 50 umol/L MUREAV 130,53,84
mma-mus:lym 5400 ug/L MUREAV 97,49,82
otr-mus:mmr 10 ug/L CNREA8 39,1784,79
dnd-mus:ast 30 umol/L MUREAV 89,95,81
dni-mus-ipr 200 mg/kg MUREAV 46,305,77
msc-mus:lym 50 mg/L MUREAV 106,305,82
hma-mus/sat 2 mg/kg JJINDB 62,911,79
otr-ham:emb 1 mg/L IJCNAW 19,642,77
sce-ham-orl 50 mg/kg MUREAV 113,33,83
sce-ham:ovr 1 umol/L/30M MUREAV 45,263,77
sce-ham-ipr 50 mg/kg MUREAV 113,33,83
msc-ham:lng 5 mg/L CNREA8 43,5194,83
dns-rbt:lvr 100 umol/L PNASA6 79,1269,82
dns-dog:oth 1 umol/L CNREA8 42,3974,82
sce-rbt-ipr 7 mg/kg MUREAV 58,321,78
sce-rbt:lym 100 umol/L/30M MUREAV 58,321,78
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:3600 mg/kg/32W-C CNREA8 15,188,55
3V01L60R60 skn-rat TDLo:240 mg/kg/73W-I JNCIAM 10,1201,50
2V03P61 scu-rat TDLo:400 mg/kg/26W-I CNREA8 7,453,47
3V03L60M60 orl-mus TDLo:100 mg/kg/47W-C CNREA8 7,453,47
3V02J60K60 skn-mus TDLo:11 gm/kg/34W-C BJCAAI 14,195,60
2V01M60 imp-mus TDLo:50 mg/kg BJCAAI 12,222,58
2V03R60 orl-rat TD :4000 mg/kg/23W-C CNREA8 7,730,47
3V03L60M60 orl-rat TD :3200 mg/kg/58W-C CNREA8 7,453,47
3V02L60R60 orl-rat TD :2420 mg/kg/23W-C JNCIAM 10,1201,50
3V03M60V10 imp-mus TD :100 mg/kg/ BMBUAQ 14,147,58
2V03L60 skn-rat TD :18 gm/kg/30W-I BJEPA5 25,1,44
3V03D45L60 skn-rat TD :1080 mg/kg/30W-I ENDOAO 76,1027,65
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:132 mg/kg JJINDB 62,911,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85CVA2 5,63,70
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2-FLUORENAMINE see: LL5075000

LL5160000 FLUOREN-9-AMINE, N-(2-CHLOROETHYL)-N-ETHYL-, HYDROCHLORIDE
UPDT:8401 CAS: 13929-01-6 MW: 308.27 MOLFM: C17-H18-Cl-N Cl-H
SYN: N-(2-CHLOROETHYL)-N-ETHYLFLUOREN-9-AMINE HYDROCHLORIDE * N-(2-CHLOROETHYL)-N-ETHYL-9-FLUORENAMINE HYDROCHLORIDE * 2-CHLORO-N-(9-FLUORENYL)DIETHYLAMINE HYDROCHLORIDE * DIETHYLAMINE, 2-CHLORO-N-(9-FLUORENYL)-, HYDROCHLORIDE * 9H-FLUOREN-9-AMINE, N-(2-CHLOROETHYL)-N-ETHYL-, HYDROCHLORIDE (9CI) * N-(9-FLUORENYL)-N-ETHYL-beta-CHLOROETHYLAMINE HYDROCHLORIDE * SKF-501 HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:20 mg/kg (1D pre) ENDOAO 74,309,64
TOXICITY DATA AND REFERENCES:
scu-mus LD50:800 mg/kg JPETAB 97,25,49
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
9H-FLUOREN-9-AMINE, N-(2-CHLOROETHYL)-N-ETHYL-, HYDROCHLORIDE (9CI) see: LL5160000

LL5250000 FLUOREN-2-AMINE, N,N-DIMETHYL-
UPDT:8401 CAS: 1322l-62-6 MW: 209.31 MOLFM: C15-H15-N
SYN: 2-DIMETHYLAMINO-FLUOREN (German) * 2-DIMETHYLAMINOFLUORENE * N,N-DIMETHYL-2-AMINOFLUORENE * 2-FLUORENYLDIMETHYLAMINE
TUMORIGENIC DATA AND REFERENCES:
3V03J60K60 orl-rat TDLo:1370 mg/kg/47W-I BJCAAI 6,89,52
3V03L60R60 orl-rat TD :4250 mg/kg/47W-I JBCHA3 221,845,56
2V03R60 orl-rat TD :3960 mg/kg/13W-C ONCOAR 8,233,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL5425000 FLUOREN-2-AMINE, 1-METHOXY-, HYDROCHLORIDE
UPDT:8401 CAS: 6893-24-9 MW: 247.74 MOLFM: C14-H13-N-O Cl-H
SYN: 1-METHOXYFLUOREN-2-AMINE HYDROCHLORIDE * 1-METHOXY-2-FLUORENAMINE HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:3370 mg/kg/23W-C CNREA8 28,234,68

BEST COPY AVAILABLE

2V03R60 ipr-rat TDLo:450 mg/kg/4W-I CNREA8 28,234,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL5600000 FLUOREN-2-AMINE, N-METHYL-
UPDT:8401 CAS: 63019-68-1 MW: 195.28 MOLFM: C14-H13-N
SYN: 2-FLUORENYLMONOMETHYLAMINE * 2-METHYLAMINOFLUORENE * N-MONOMETHYL-2-AMINOFLUORENE * 2-MONOMETHYLAMINOFLUORENE
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-rat TDLo:1260 mg/kg/24W-I BJCAAI 6,89,52
3V03L60R60 orl-rat TD :4300 mg/kg/47W-C JBCHA3 221,845,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL5625000 2-FLUORENAMINE, N-PHENYL-
UPDT:8401 CAS: 32228-97-0 MW: 257.35 MOLFM: C19-H15-N
SYN: N-PHENYL-2-FLUORENAMINE * N-PHENYL-9H-FLUORENAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03D45 ipr-rat TDLo:310 mg/kg/4W-I CNREA8 31,778,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL5650000 FLUOREN-2-AMINE, 1,3,7-TRIBROMO-
UPDT:8401 CAS: 724-31-2 MW: 417.95 MOLFM: C13-H8-Br3-N
SYN: 1,3,7-TRIBROMO-2-FLUORENAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:360 mg/kg/27D-I CNREA8 28,924,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL5670000 FLUORENE
CAS: 86-73-7 MW: 166.23 MOLFM: C13-H10
SYN: o-BIPHENYLENEMETHANE * o-BIPHENYLMETHANE * DIPHENYLENEMETHANE * 9H-FLUORENE * 2,2'-METHYLENEBIPHENYL
MUTATION DATA AND REFERENCES:
otr-mus:mmr 1 ug/L CNREA8 39,1784,79
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,365,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
9H-FLUORENE see: LL5670000
2-FLUORENEAMINE see: LL5075000
FLUORENE, 2-AMINO- see: LL5075000

LL6070000 FLUORENE-9-CARBOXYLIC ACID, 2-CHLORO-9-HYDROXY-, METHYL ESTER
UPDT:8309 CAS: 2536-31-4 MW: 274.71 MOLFM: C15-H11-Cl-O3
SYN: CF 123 * CHLOFLURECOL-METHYL * CHLORFLURECOL-METHYL ESTER * CHLORFLURECOL * CHLORFLURENOL * CHLORFLURENOL-METHYL ESTER * 2-CHLOR-9-HYDROXYFLUOREN-CARBONSAEURE-(9)-METHYLESTER (German) * CHLOROFLURENOL-METHYL ESTER * 2-CHLORO-9-HYDROXY-9-METHYLCARBOXYLATEFLUORENE * CURBISET * IT 3456 * MAINTAIN A * MAINTAIN CF125 * METHYL-2-CHLORO-9-HYDROXYFLUORENE-9-CARBOXYLATE * MORPHACTIN * MULTIPROP
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3100 mg/kg GUCHAZ 6,102,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LL6170000 FLUORENE-9-CARBOXYLIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER
UPDT:8406 CAS: 4425-78-9 MW: 309.44 MOLFM: C20-H23-N-O2
SYN: CARBOFLUORENE AMINO ESTER * PAVATRIN * PAVATRINEAT
TOXICITY DATA AND REFERENCES:
orl-mus LD50:900 mg/kg CLDND*
* ipr-mus LD50:360 mg/kg JPETAB 91,103,47
ivn-rbt LD50:16 mg/kg CLDND*

LL6220000 FLUORENE-9-CARBOXYLIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 CAS: 548-85-2 MW: 345.90 MOLFM: C20-H23-N-O2 Cl-H
SYN: 2-DIETHYLAMINOETHYL 9-FLUORENECARBOXYLATE HYDROCHLORIDE * PAVATRINE HYDROCHLORIDE * ROBITRIN
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:320 mg/kg JPETAB 74,274,42
2A11F13 ivn-mus LD50:15 mg/kg JAPMA8 46,58,57

LL6470000 FLUORENECARBOXYLIC ACID, 2-(4-ETHYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8403 MW: 423.42 MOLFM: C22-H26-N2-O2 2Cl-H
SYN: 2-(4-ETHYL-1-PIPERAZINYL)ETHYL ESTER of FLUORENECARBOXYLIC ACID DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:252 mg/kg JAPMAB 46,279,57

LL6940000 FLUORENE-2,7-DIACETAMIDE
UPDT:8311 MW: 280.35 MOLFM: C17-H16-N2-O2
SYN: 2,7-BIS-ACETYLAMINOFLUORENE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate PNASA6 69,3128,72
mma-sat 10 ug/plate PNASA6 72,5135,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BLFSBY 24,129,83

LL6980000 FLUORENE-2,7-DIAMINE
UPDT:8401 CAS: 525-64-4 MW: 195.26 MOLFM: C13-H11-N2
SYN: 2,7-DIAMINOFLUORENE * 2,7-FLUORENEDIAMINE * 2,7-FLUOROENEDIAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate PNASA6 70,782,73
mma-sat 20 ug/plate PNASA6 72,5135,75
dnd-esc 5 umol/L MUREAV 89,95,81
dnd-hmn:hla 5 umol/L MUREAV 89,95,81
dns-rat:lvr 500 nmol/L ENMUDM 3,11,81
dnd-mus:ast 5 umol/L MUREAV 89,95,81
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
TUMORIGENIC DATA AND REFERENCES:
2V01R60 orl-rat TDLo:1000 mg/kg CNREA8 26,619,66
2V01R60 orl-rat TD :3600 mg/kg/27D-I CNREA8 28,924,68
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1000 mg/kg CNREA8 26,619,66
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2,7-FLUORENEDIAMINE see: LL6980000

LL7175000 FLUORENE, 2,7-DINITRO-
UPDT:8401 CAS: 5405-53-8 MW: 256.23 MOLFM: C13-H8-N2-O4
SYN: 2,7-DINITROFLUORENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 63,1,79
mma-sat 5 ug/plate MUREAV 91,321,81
dns-rat:lvr 100 umol/L ENMUDM 3,11,81
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:2700 mg/kg/17W-C CNREA8 22,1002,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL7450000 9,9-FLUORENEDIPROPIONIC ACID, DIETHYL ESTER
UPDT:8308 MW: 366.49 MOLFM: C23-H26-O4
SYN: 9,9-BIS(2'-CARBETHOXYETHYL)FLUORENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6170 mg/kg TXAPA9 28,313,74

LL7452000 9,9-FLUORENEDIPROPIONIC ACID, SULFATE, SODIUM SALT
UPDT:8308 MW: 419.43 MOLFM: C18-H18-O4 .H2-O4-S .Na
SYN: 9,9-BIS-(2'-CARBOXYETHYL)FLUORENE SULFATE, SODIUM SALT, 50% aqueous
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:22600 mg/kg TXAPA9 28,313,74

LL8040000 FLUORENE, NITRO-
UPDT:8403 CAS: 53345-04-5 MW: 211.23 MOLFM: C13-H9-N-O2
SYN: 9H-FLUORENE, NITRO- (9Cl) * NITROFLUORENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate BIJOAK 188,867,80
dnr-bcs 20 uL/disc MUREAV 97,1,82
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
FLUORENE, 2-NITRO- see: LL8225000
9H-FLUORENE, NITRO- (9Cl) see: LL8040000

LL8225000 9H-FLUORENE, 2-NITRO-
UPDT:8411 CAS: 607-57-8 MW: 211.23 MOLFM: C13-H9-N-O2
SYN: FLUORENE, 2-NITRO- * 2-NITROFLUORENE
MUTATION DATA AND REFERENCES:
mmo-sat 630 ng/plate MUREAV 130,79,84
mma-sat 500 ng/plate ENMUDM 6,131,84
mmo-esc 100 ug/L CNREA8 39,682,79
mma-esc 100 ug/L RCOCB8 16,523,77
dnr-esc 10 mg/L JJIND8 62,873,79
mrc-esc 100 ug/well MUREAV 46,53,77
dnd-esc 20 umol/L MUREAV 89,95,81
pic-esc 125 mg/L CNREA8 41,532,81
mrc-smc 5 pph JJIND8 62,901,79
otr-hmn:lvr 80 ug/L BJCAAI 37,873,78
dni-hmn:hla 3 mmol/L MUREAV 92,427,82
bfa-rat/sat 40800 ug/kg/3D PNASA6 72,4607,75
hma-rat/sat 51 mg/kg/3D AJCNAC 30,1921,77
otr-mus:mmr 100 ug/L CNREA8 39,1784,79
msc-mus:lym 250 mg/L MUREAV 125,291,84
hma-mus/sat 125 mg/kg JJIND8 62,911,79
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
otr-ham:emb 20 mg/L NCIMAV 58,243,81
sce-ham-orl 125 mg/kg MUREAV 113,33,83
sce-ham:ovr 10 umol/L ENMUDM 4,1,82
TUMORIGENIC DATA AND REFERENCES:
3V03D09R60 orl-rat TDLo:3400 mg/kg/23W-C JNCIAM 10,1201,50
3V02J60N60 skn-rat TDLo:310 mg/kg/79W-I JNCIAM 10,1201,50
2V03L60 orl-rat TD :4000 mg/kg CNREA8 7,730,47
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1600 mg/kg JJIND8 62,911,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL8400000 FLUORENE, 2-NITROSO-
UPDT:8405 CAS: 2508-20-5 MW: 195.23 MOLFM: C13-H9-N-O
SYN: 2-NITROSOFLUORENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 122,243,83
mma-sat 250 ng/plate PNASA6 72,5135,75
pic-sat 500 umol/L MOPMA3 8,645,72
dnr-esc 500 nmol/plate CNREA8 31,970,71
dnd-esc 10 umol/L MUREAV 89,95,81
pic-esc 1950 ng/plate MGBUA3 41,3,76
mmo-bcs 5 mg/L MUREAV 38,271,76
dnd-bcs 1 mmol/L MUREAV 42,175,77
TUMORIGENIC DATA AND REFERENCES:
2V02R60 ipr-rat TDLo:160 mg/kg/4W-I CNREA8 30,1485,70
3V01R60V10 scu-rat TDLo:200 mg/kg/8W-I PSEBAA 120,538,65
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
9-FLUORENONE see: LL8925000
FLUOREN-9-ONE see: LL8925000

LL8925000 9H-FLUOREN-9-ONE
UPDT:8401 CAS: 486-25-9 MW: 180.21 MOLFM: C13-H8-O
SYN: FLUOREN-9-ONE * 9-FLUORENONE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 scu-rat TDLo:300 mg/kg/26W-I CNREA8 7,453,47
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL9000000 FLUOREN-9-ONE, 2,7-BIS(2-(DIETHYLAMINO)ETHOXY)-, DIHYDROCHLORIDE
UPDT:8405 CAS: 27591-69-1 MW: 483.53 MOLFM: C25-H34-N2-O3 2Cl-H
SYN: BIS-DEAE-FLUORENONE HYDROCHLORIDE * 2,7-BIS(2-(DIETHYLAMINO)ETHOXY)-FLUOREN-9-ONE DIHYDROCHLORIDE * 9H-FLUOREN-9-ONE, 2,7-BIS(2-(DIETHYLAMINO)ETHOXY)-, DIHYDROCHLORIDE * NSC-143969 * TILORONE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dnd-esc 20 umol/L MUREAV 89,95,81
dnd-sal:spr 200 umol/L FEBLAL 28,5,72
cyt-rat:fbr 1500 ug/L MUREAV 26,395,74
dnd-mam:lym 100 umol/L FEBLAL 28,5,72
TOXICITY DATA AND REFERENCES:
3F07F14K12 orl-hmn TDLo:4 mg/kg CCROBU 57,209,73
* orl-rat LD50:852 mg/kg SCIEAS 169,1213,70
* ipr-rat LD50:244 mg/kg SCIEAS 169,1213,70
* orl-mus LD50:959 mg/kg SCIEAS 169,1213,70
* ipr-mus LD50:145 mg/kg SCIEAS 169,1213,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 2,159,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
9H-FLUOREN-9-ONE, 2,7-BIS(2-(DIETHYLAMINO)ETHOXY)-, DIHYDROCHLORIDE see: LL9000000

LL9051000 9-FLUORENONE, 2,7-DINITRO-
UPDT:8309 MW: 270.21 MOLFM: C13-H6-N2-O5
SYN: 2,7-DINITRO-9-FLUORENONE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate CALEDQ 15,209,82

LL9092000 9H-FLUOREN-9-ONE, 3-NITRO-
UPDT:8305 CAS: 42135-35-3 MW: 225.21 MOLFM: C13-H7-N-O3

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

SYN: 3-NITROFLUORENONE * 3-NITRO-9-FLUORENONE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate CALEDQ 15,209,82
mma-sat 1200 ng/plate MUREAV 46,53,77
mrc-esc 20 ug/well MUREAV 46,53,77

LL9096000 FLUOREN-9-ONE, O-(3,4,5-TRIMETHOXYBENZOYL)OXIME
UPDT:8406 MW: 389.43 MOLFM: C23-H19-N-O5
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:100 mg/kg JPMSAE 54,1149,65

LL9097000 FLUOREN-9-ONE, TRINITRO-
UPDT:8312 CAS: 25322-14-9 MW: 315.21 MOLFM: C13-H5-N3-O7
SYN: TRINITROFLUORENONE (DOT) * UN 0387 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO-CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

LL9100000 FLUOREN-9-ONE, 2,4,7-TRINITRO-
UPDT:8404 CAS: 129-79-3 MW: 315.21 MOLFM: C13-H5-N3-O7
SYN: 2,4,7-TRINITROFLUOREN-9-ONE * 2,4,7-TRINITRO-9-FLUORENONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD EPASR* BEHQ-0480-0339
eye-rbt 100 mg MLD EPASR* BEHQ-0480-0339
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 63,1,79
mma-sat 10 uL/plate EPASR* BEHQ-0280-0333
mma-esc 300 nmol/L ENMUDM 3,11,81
dns-rat-orl 100 mg/kg ENMUDM 5,488,83
dns-rat-ivr 1 umol/L ENMUDM 3,11,81
msc-mus-lym 1950 ug/L MUREAV 118,167,83
sce-hom-ovr 900 ug/L MUREAV 118,167,83
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:1000 mg/kg SCIEAS 137,257,62
TOXICITY DATA AND REFERENCES:
orl-rat LD50:9910 mg/kg PESTC* 8,4,80
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 348
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT BEHQ-0480-0339
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LL9275000 FLUORENO(9,1-gh)QUINOLINE
UPDT:8401 CAS: 206-00-8 MW: 253.31 MOLFM: C19-H11-N
SYN: PYRIDO(3',2':3,4)FLUORANTHENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 258,3387,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-FLUOREN-1-YLACETAMIDE see: AB9275000
N-FLUOREN-2-YLACETAMIDE see: AB9450000
N-FLUOREN-3-YLACETAMIDE see: AB9500000
N-FLUOREN-4-YLACETAMIDE see: AB9530000
N-1-FLUORENYLACETAMIDE see: AB9275000
N-2-FLUORENYLACETAMIDE see: AB9450000
N-3-FLUORENYLACETAMIDE see: AB9500000
N-4-FLUORENYLACETAMIDE see: AB9530000
1-FLUORENYLACETAMIDE see: AB9275000
2-FLUORENYLACETAMIDE see: AB9450000
3-FLUORENYLACETAMIDE see: AB9500000
1-FLUORENYLACETHYDROXAMIC ACID see: AK8400000
3-FLUORENYLACETHYDROXAMIC ACID see: AK8750000
FLUORENYL-2-ACETHYDROXAMIC ACID see: AK8575000
N-(FLUOREN-2-YL)ACETOHYDROXAMIC ACETAMIDE see: NC3420000
N-(FLUOREN-3-YL)ACETOHYDROXAMIC ACETATE see: AF1650000
N-(FLUOREN-4-YL)ACETOHYDROXAMIC ACETATE see: AF1660000
N-FLUOREN-1-YLACETOHYDROXAMIC ACID see: AK8400000
N-FLUOREN-2-YLACETOHYDROXAMIC ACID see: AK8575000
N-2-FLUORENYLACETOHYDROXAMIC ACID see: AK8575000
N-FLUOREN-3-YLACETOHYDROXAMIC ACID see: AK8750000
N-FLUOREN-2-YLACETOHYDROXAMIC ACID, COBALT(2+) COMPLEX see: AK8925000
N-FLUOREN-2-YLACETOHYDROXAMIC ACID, COPPER(2+) COMPLEX see: AK9100000
N-FLUOREN-2-YLACETOHYDROXAMIC ACID, IRON(3+) COMPLEX see: AK9450000
N-FLUOREN-2-YLACETOHYDROXAMIC ACID, MANGANESE(2+) COMPLEX see: AK9625000
N-FLUOREN-2-YLACETOHYDROXAMIC ACID, NICKEL(2+) COMPLEX see: AK9800000
N-FLUOREN-2-YLACETOHYDROXAMIC ACID, POTASSIUM SALT see: AL0175000
N-FLUOREN-2-YLACETOHYDROXAMIC ACID SULFATE see: AL0275000
N-FLUOREN-2-YLACETOHYDROXAMIC ACID, ZINC COMPLEX see: AL0350000
N-(2-FLUORENYL)BENZAMIDE see: CV4950000
N-FLOUREN-2-YLBENZAMIDE see: CV4950000
N-FLUOREN-1-YLBENZOHYDROXAMIC ACID see: DG0175000
N-FLUOREN-2-YLBENZOHYDROXAMIC ACID see: DG0350000
N-(2-FLUORENYL)BENZOHYDROXAMIC ACID see: DG0350000
N-FLUOREN-2-YLBENZOHYDROXAMIC ACID, ACETATE see: DG0525000
N,N'-FLUOREN-2,7-YLBISACETAMIDE see: AC0700000
2,7-FLUORENYLBISACETAMIDE see: AC0700000
N-FLUOREN-1-YLDIACETAMIDE see: AC0330000
N-1-FLUORENYLDIACETAMIDE see: C0330000
N-FLUOREN-2-YLDIACETAMIDE see: AC0350000
N-2-FLUORENYLDIACETAMIDE see: AC0350000
2-FLUORENYLDIACETAMIDE see: AC0350000
2-(2-FLUORENYL)DIACETAMIDE see: HI4000600
2-FLUORENYLDIMETHYLAMINE see: LL5250000
N,N'-2,7-FLUORENYLENEBISACETAMIDE see: AC0700000
N,N'-FLUOREN-2,5-YLENEBISACETAMIDE see: AC0525000
N,N'-FLUOREN-2,7-YLENEBISACETAMIDE see: AC0700000
2,5-FLUORENYLENEBISACETAMIDE see: AC0525000
N,N'-(FLUOREN-2,7-YLENE)BIS(ACETYLAMINE) see: AC0700000
N,N'-FLUOREN-2,7-YLENEBIS(TRIFLUOROACETAMIDE) see: AC0875000
N,N'-2,7-FLUORENYLENEDIACETAMIDE see: AC0700000
N-(9-FLUORENYL)-N-ETHYL-beta-CHLOROETHYLAMINE HYDROCHLORIDE see: LL5160000
N-FLUOREN-2-YLFORMAMIDE see: LQ2975000
N,2-FLUORENYLFORMAMIDE see: LQ2975000
N-(2-FLUORENYL)FORMOHYDROXAMIC ACID see: LR1010000
2-FLUORENYLHYDROXYLAMINE see: NC3570000
3-FLUORENYLHYDROXYLAMINE see: NC3600000

LM4200000 N-FLUOREN-2-YLHYDROXYLAMINE O-GLUCURONIDE
UPDT:8401 CAS: 34461-69-9 MW: 389.39 MOLFM: C19-H19-N-O8
SYN: N-2-FLUORENYLHYDROXYLAMINE O-GLUCURONIDE * HYDROXYLAMINE, N-FLUOREN-2-YL-O-GLUCURONIDE
TUMORIGENIC DATA AND REFERENCES:
2V03R60V10 scu-rat TDLo:750 mg/kg/9W-I CNREAB 31,1645,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-2-FLUORENYLHYDROXYLAMINE O-GLUCURONIDE see: LM4200000
alpha-2-(FLUOREN-9-YLIDENE)-4-(2-PIPERIDYL)-1,3-DIOXOLANE HYDROCHLORIDE see: JH7740000
beta-2-(FLUOREN-9-YLIDENE)-4-(2-PIPERIDYL)-1,3-DIOXOLANE HYDROCHLORIDE see: JH7760000
2-FLUORENYL METHYL KETONE see: CB3800000
1-(FLUORENYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE see: TM0819000
2-FLUORENYLMONOMETHYLAMINE see: LL5600000
N-(2-FLUORENYL)MYRISTOHYDROXAMIC ACID ACETATE see: QH4560000
N-(2-FLUORENYL)PHTHALAMIC ACID see: TH7175000
N-FLUORENYL-2-PHTHALIMIC ACID see: TH7175000
N-(2-FLUORENYL)PROPIONOHYDROXAMIC ACID see: UG5340000

LM4725000 N-2-FLUORENYL-SUCCINAMIC ACID
UPDT:8401 CAS: 59935-47-6 MW: 281.33 MOLFM: C17-H15-N-O3
TUMORIGENIC DATA AND REFERENCES:
3V02L60P62 orl-rat TDLo:6200 mg/kg/72W-C JNCIAM 24,149,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
N-(FLUOREN-2-YL)-o-TETRADECANOYLACETOHYDROXAMIC ACID see: AL9300000
N-FLUOREN-2-YL-N-TETRADECANOYLHYDROXAMIC ACID see: MX9360000
N-(2-FLUORENYL)-2,2,2-TRIFLUOROACETAMIDE see: AC1050000
N-FLUOREN-2-YL-2,2,2-TRIFLUOROACETAMIDE see: AC1050000

LM5250000 FLUORESCEIN, 2',7'-DIBROMO-4'-(HYDROXYMERCURIO)-, DISODIUM SALT
UPDT:8405 CAS: 129-16-8 MW: 752.69 MOLFM: C20-H10-Br2-Hg-O6 2Na
SYN: ASCEPTICHROME * ASEPTICHROME * CHROMARGYRE * 2,7-DIBROMO-4-HYDROXYMERCURIFLUORESCEINE DISODIUM SALT * DISODIUM 2,7-DIBROM-4-HYDROXY-MERCURI-FLUORESCEIN * DISODIUM 2',7'-DIBROMO-4'-(HYDROXYMERCURY)FLUORESCEIN * DOMF * FLAVUBOL * FLUOROCHROME * GALLOCHROME * GYNOCHROME * MERBROMIN * MERCURANINE * MERCUROCHROME * MERCUROCHROME-220 SOLUBLE * MERCUROCOL * MERCUROME * MERCUROPHAGE * PLANOCHROME
MUTATION DATA AND REFERENCES:
mrc-smc 10 mg/L EVHPAZ 31,97,79
sln-smc 50 mg/L EVHPAZ 31,97,79
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:20 mg/kg MOLAAF 73,751,39
ivn-rbt LDLo:15 mg/kg JPETAB 35,343,29
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: SDGTB3 1(2),177,71
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

LM5350000 FLUORESCEIN, DIIODO-
UPDT:8403 MW: 584.10 MOLFM: C20-H10-I2-O5
SYN: DIIODOFLUORESCEIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4000 mg/kg JAPMAB 43,495,54

LM5425000 FLUORESCEIN, DISODIUM SALT
UPDT:8412 CAS: 518-47-8 MW: 376.28 MOLFM: C20-H10-O5 2Na
SYN: AIZEN URANINE * CALCOCID URANINE 84315 * 9-o-CARBOXYPHENYL-6-HYDROXY-3-ISOXANTHONE, DISODIUM SALT * CERTIQUAL FLUORESCEINE * C.I. 766 * C.I. ACID YELLOW 73 * C.I. 45350 DISODIUM SALT * C.I. 45350 SODIUM SALT * D&C YELLOW NO. 8 * DISODIUM 6-HYDROXY-3-OXO-9-XANTHENE-o-BENZOATE * FLUORESCEIN SODIUM * FLUORESCEIN SODIUM B.P * FLUORESCEIN, SOLUBLE * FLUOR-I-STRIP A.T. * FUL-GLO * FUNDUZEIN * FURANIUM * HIDACID URANINE * NCI-C54700 * RESORCINOL PHTHALEIN SODIUM * SODIUM FLUORESCEIN * SODIUM FLUORESCEINATE * SODIUM SALT of HYDROXY-o-CARBOXY-PHENYL-FLUORONE * SOLUBLE FLUORESCEIN * SOLUBLE FLUORESCEINE * SPIRO(ISOBENZOFURAN-1(3H),9'-(9H)XANTHENE-3-ONE, 3',6'-DIHYDROXY-, DISODIUM SALT * URANIN * URANINE * URANINE A EXTRA * URANINE O * URANINE SS * URANINE USP XII * URANINE WSS * URANINE YELLOW * 11824 YELLOW * 12417 YELLOW
MUTATION DATA AND REFERENCES:
dnd-esc 15 umol/L MUREAV 89,95,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T17T75 ivn-rbt TDLo:933 mg/kg (5-8D preg) AJOPAA 84,847,77
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:19 gm/kg/79W-I GANNA2 45,446,54
3V03R60V10 scu-rat TD :16 gm/kg/1Y-I GANNA2 47,51,56
TOXICITY DATA AND REFERENCES:
3F17F19J22 orl-rat LD50:6721 mg/kg JOPRAJ 48,228,77
ipr-rat LD50:1700 mg/kg TXAPA9 24,37,73
3F17F19J22 orl-mus LD50:4738 mg/kg JOPRAJ 48,228,77
ipr-mus LD50:1800 mg/kg TXAPA9 24,37,73
ipr-gpg LDLo:1000 mg/kg CWLTM* 47-6,59
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FLUORESCEIN SODIUM see: LM5425000
FLUORESCEIN SODIUM B.P see: LM5425000
FLUORESCEIN, SOLUBLE see: LM5425000

LM5800000 FLUORESCEIN, 2',4',5',7'-TETRABROMO-
UPDT:8403 CAS: 15086-94-9 MW: 647.92 MOLFM: C20-H8-Br4-O5
SYN: BROMEOSIN * BROMEOSIN * BROMOFLUORESCEIC ACID * C.I. 45380:2 * C.I. SOLVENT RED 43 * D AND C RED NO. 21 * EOSIN * EOSINE * 2,4,5,7-TETRABROMO-3,6-FLUORANDIOL * TETRABROMOFLUORESCEIN * 2',4',5',7'-TETRABROMOFLUORESCEIN
MUTATION DATA AND REFERENCES:
dnr-bcs 2 mg/disc TRENAF 27,153,76
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:450 mg/kg HBAMAK 4,1289,35
scu-frg LDLo:1 gm/kg HBAMAK 4,1289,35
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,183,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LM5820000 FLUORESCEIN, 2',4',5',7'-TETRABROMO-4,7-DICHLORO-, DIPOTASSIUM SALT
UPDT:8403 CAS: 6441-77-6 MW: 795.00 MOLFM: C20-H6-Br4-Cl2-O5 2K
SYN: C.I. 45405 * C.I. ACID RED 98 * FOOD DYE RED No. 104 * PHLOXIN * PHLOXINE * TOYO ACID PHLOXINE
MUTATION DATA AND REFERENCES:
mmo-esc 15 mg/L MUREAV 16,165,72
dnr-esc 1 mg/disc FCTXAV 18,215,80
dnd-esc 1 mg/disc FCTXAV 18,215,80
dnr-bcs 2 mg/disc TRENAF 27,153,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T81 orl-rat TDLo:75 gm/kg (1-20D preg) SKEZAP 16,34,75
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2870 mg/kg SKEZAP 16,34,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LM5825000 FLUORESCEIN, 2',4',5',7'-TETRABROMO-4,7-DICHLORO-, DISODIUM SALT
UPDT:8404 MW: 762.78 MOLFM: C20-H6-Br4-Cl2-O5 2Na

BEST COPY AVAILABLE

SYN: C.I. ACID RED 87 * EOSINE YELLOWISH * PHLOXINE SODIUM

MUTATION DATA AND REFERENCES:
msc-hmn:lng 15 mg/L — MUREAV 30,239,75

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

LM5850000 FLUORESCEIN, 2',4',5',7'-TETRABROMO-, DISODIUM SALT
UPDT:8403 CAS: 17372-87-1 MW: 693.90 MOLFM: C20-H8-Br4-O5 2Na
SYN: AIZEN EOSINE GH * BROMO ACID * BROMO B * BROMO 4DC * BROMOEOSINE * BROMO FL * BROMOFLUORESCEIC ACID * BROMO FLUORESCEIN * BROMO JPS * BROMO TS * BROMO X 100 * BROMO XX * BRONZE BROMO * CERTIQUAL EOSINE * C.I. 45380 * C.I. ACID RED 87 * D&C 22 * D&C RED NO. 22 * DISODIUM EOSIN * EOSIN * EOSINE * EOSINE B * EOSINE BPC * EOSINE BS * EOSINE BS-SF * EOSINE DA * EOSINE DWC 73 * EOSINE EXTRA CONC. A. EXPORT * EOSINE FA * EOSINE G * EOSINE 3G * EOSINE GF * EOSINE J * EOSINE OJ * EOSINE S13 (BLUISH) * EOSINE SODIUM SALT * EOSINE W/S * EOSINE Y * EOSINE 3Y * EOSINE YB * EOSINE YELLOWISH * EOSINE YELLOWISH-(YS) * EOSINE YS * EOSIN G * EOSIN GELBLICH (German) * EOSIN Y * EOSIN YS * FENAZO EOSINE XG * HIDACID BOILING BROMO * HIDACID BROMO ACID REGULAR * HIDACID DIBROMO FLUORESCEIN * HIDACID EOSINE SODA SALT * HIDACID WHITE BROMO * IRGALITE BRONZE RED CL * PHLOXINE RED 20-7600 * PHLOXINE TONER B * PHLOX RED TONER X-1354 * PURE EOSINE YY * 11645 RED * 11731 RED * SODIUM EOSINATE * SODIUM EOSINE * SYMULER EOSIN TONER * 2,4,5,7-TETRABROMO-9-o-CARBOXYPHENYL-6-HYDROXY-3-ISOXANTHONE, DISODIUM SALT * 2,4,5,7-TETRABROMO-3,6-FLUORANDIOL * TETRABROMOFLUORESCEIN * TETRABROMOFLUORESCEIN D * 2',4',5',7'-TETRABROMOFLUORESCEIN DISODIUM SALT * TETRABROMOFLUORESCEIN S * TETRABROMOFLUORESCEIN SOLUBLE * 2-(2,4,5,7-TETRABROMO-6-HYDROXY-3-OXO-3H-XANTHENE-9-YL)BENZOIC ACID, DISODIUM SALT * TOYO EOSINE G * 1903 YELLOW PINK

MUTATION DATA AND REFERENCES:
dnr-bcs 2 mg/disc — TRENAF 27,153,76

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 scu-rat TDLo:13 gm/kg/1Y-I — GANNA2 47,51,56
2V03V10 scu-rat TD :14 gm/kg/78W-I — GANNA2 46,367,55

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:500 mg/kg — IJLEAG 2,257,34
scu-rat LDLo:1500 mg/kg — GANNA2 46,367,55
* orl-mus LD50:2344 mg/kg — EAPHA6 24,125,81
ivn-mus LD50:550 mg/kg — TXAPA9 44,225,78
ivn-rbt LDLo:300 mg/kg — IJLEAG 2,257,34

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 15,183,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LM5900000 FLUORESCEIN, 2',4',5',7'-TETRABROMO-4,5,6,7-TETRACHLORO-, DISODIUM SALT
UPDT:8408 CAS: 18472-87-2 MW: 829.64 MOLFM: C20-H2-Br4-Cl4-O5 2Na
SYN: ACID RED 92 * C.I. ACID RED 92 * D AND C RED NO. 28 * EOSIN BLUE * EOSINE BLUE * EOSINE BLUISH * FOOD DYE RED No. 104 * FOOD RED No. 104 * PHLOXINE B * 11969 RED * 3427 VERI PUR PINK

MUTATION DATA AND REFERENCES:
mmo-omi 200 mg/L — MUREAV 34,187,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T81 orl-rat TDLo:63 gm/kg (1-22D preg) — SKEZAP 16,34,75
1T46 orl-mus TDLo:39600 mg/kg (6-16D preg) — FCTOD7 22,55,84
1T43 orl-mus TDLo:66 gm/kg (6-16D preg) — FCTOD7 22,55,84

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:310 mg/kg — TXAPA9 44,225,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LM5920000 FLUORESCEIN, 4,5,6,7-TETRACHLORO-2',4',5',7'-TETRAIODO-, DISODIUM SALT
UPDT:8401 CAS: 632-69-9 MW: 1017.60 MOLFM: C20-H2-Cl4-I4-O5 2Na
SYN: FOOD RED COLOR No. 105, SODIUM SALT * FOOD RED No. 105, SODIUM SALT * ROSE BENGAL SODIUM * R105 SODIUM * 9-(3',4',5',6'-TETRACHLORO-o-CARBOXYPHENYL)-6-HYDROXY-2,4,5,7-TETRAIODO-3-ISOXANTHONE 2Na * 4,5,6,7-TETRACHLORO-2',4',5',7'-TETRAIODOFLUORESCEIN DISODIUM SALT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:650 mg/kg (8-20D preg) — OYYAA2 24,391,82
1T81 orl-rat TDLo:400 mg/kg (8-15D preg) — OYYAA2 24,391,82
1T76 orl-rat TDLo:20 gm/kg (8-15D preg) — OYYAA2 24,391,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LM5940000 FLUORESCEIN, 2',4',5',7'-TETRAIODO-
UPDT:8405 CAS: 15905-32-5 MW: 835.88 MOLFM: C20-H8-I4-O5
SYN: IODEOSIN * SPIRO(ISOBENZOFURAN-1(3H),9'-(9H)XANTHEN)-3-ONE, 3',6'-DIHYDROXY-2',4',5',7'-TETRAIODO- * TETRAIODOFLUORESCEIN * 2',4',5',7'-TETRAIODOFLUORESCEIN

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4000 mg/kg — JAPMA8 43,495,54

LM5950000 FLUORESCEIN, 2',4',5',7'-TETRAIODO-, DISODIUM SALT
UPDT:8406 CAS: 16423-68-0 MW: 879.84 MOLFM: C20-H6-I4-O5 2Na
SYN: AIZEN ERYTHROSINE * CALCOCID ERYTHROSINE N * CANACERT ERYTHROSINE BS * 9-(o-CARBOXYPHENYL)-6-HYDROXY-2,4,5,7-TETRAIODO-3-ISOXANTHONE * C.I. 45430 * C.I. ACID RED 51 * C.I. FOOD RED 14 * CILEFA PINK B * D.C. RED NO.3 * DOLKWAL ERYTHROSINE * DYE FD and C RED NO. 3 * E85 * EDICOL SUPRA ERYTHROSINE A * ERYTHROSIN B * ERYTHROSINE * ERYTHROSINE B * ERYTHROSINE 3B * ERYTHROSINE B (BIOLOGICAL STAIN) * ERYTHROSINE B-FO (BIOLOGICAL STAIN) * ERYTHROSINE BLUISH * ERYTHROSINE BLUISH (BIOLOGICAL STAIN) * ERYTHROSINE BS * ERYTHROSINE EXTRA BLUISH * ERYTHROSINE EXTRA CONC. A EXPORT * ERYTHROSINE EXTRA PURE A * ERYTHROSINE (INDICATOR) * ERYTHROSINE K-FO (BIOLOGICAL STAIN) * ERYTHROSINE LAKE * ERYTHROSINE TB * ERYTHROSINE TB EXTRA * FD and C RED 3 * FD AND C RED NO. 3 * HEXACERT RED NO. 3 * HEXACOL ERYTHROSINE BS * I.B.ROT 1 * MAPLE ERYTHROSINE * NEW PINK BLUISH GEIGY * 1427 RED * 1671 RED * TETRAIODOFLUORESCEIN SODIUM SALT * USACERT RED NO. 3

MUTATION DATA AND REFERENCES:
dnr-bcs 2 mg/disc — TRENAF 27,153,76
cyt-ham:lng 1100 mg/L — GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:
3F17F19J22 orl-rat LD50:2891 mg/kg — JOPRAJ 48,228,77
* ipr-rat LD50:300 mg/kg — 85ESA3 9,484,76
ivn-rat LDLo:200 mg/kg — IJLEAG 2,257,34
* unk-rat LD50:1895 mg/kg — NAIZAM 30,179,79
* orl-mus LD50:1264 mg/kg — EAPHA6 24,125,81
ivn-mus LD50:700 mg/kg — TXAPA9 44,225,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

FLUORESONE see: WR6475000
FLUORESSIGAEURE (German) see: AH9100000

LM6290000 FLUORIDE
UPDT:8408 CAS: 16984-48-8 MW: 19.00 MOLFM: F
SYN: FLUORIDE(1-) * FLUORIDE ION * FLUORIDE ION(1-) * PERFLUORIDE

TOXICITY DATA AND REFERENCES:
3F12J30L30 orl-hmn TDLo:3 mg/kg — IARC** 27,237,82
3J30L30M30 orl-hmn LDLo:50 mg/kg — IARC** 27,237,82

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7902, 7903 and 8308
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FLUORIDE(1-) see: LM6290000
FLUORIDE ION see: LM6290000
FLUORIDE ION(1-) see: LM6290000
FLUORIDENT see: WB0350000
FLUORIDE, SODIUM see: WB0350000
FLUORID HLINITY (Czech) see: BD0725000
FLUORID SODNY (Czech) see: WB0350000
FLUORIGARD see: WB0350000

LM6475000 FLUORINE
UPDT:8411 CAS: 7782-41-4 MW: 38.00 MOLFM: F2
SYN: BIFLUORIDEN (Dutch) * FLUOR (Dutch, French, German, Polish) * FLUORINE (DOT) * FLUORO (Italian) * FLUORURES ACIDE (French) * FLUORURI ACIDI (Italian) * RCRA WASTE NUMBER P056 * SAEURE FLUORIDE (German) * UN 1045 (DOT)

IRRITATION DATA AND REFERENCES:
eye-hmn 25 ppm/5M MLD — AIHAAP 29,11,68
eye-rat 140 ppm/30M — AIHAAP 29,11,68
eye-mus 467 ppm/5M — AIHAAP 29,11,68
eye-dog 68 ppm/1H — AIHAAP 29,11,68

MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate — CYGEDX 16(6),41,82

TOXICITY DATA AND REFERENCES:
3D25J22U01 ihl-rat LC50:185 ppm/1H — AIHAAP 29,11,68
ihl-mus LC50:150 ppm/1H — AIHAAP 29,11,68
ihl-rbt LC50:270 ppm/30M — AIHAAP 29,11,68
ihl-gpg LC50:170 ppm/1H — AIHAAP 29,11,68

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JAVMA4 164(3),277,74; FOREAE 7,313,42; KOTTAM 11(11),1300,75; CLCHAU 19,361,73; AJMEAZ 38,409,65; IECHAD 26,791,34
★ TLV-TWA 1 ppm; STEL 2 ppm — DTLVS* 4,197,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.1 ppm (SCP-V) — FEREAC 39,23540,74
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:POISON AND OXIDIZER — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FLUORINE (DOT) see: LM6475000
FLUORINEED see: WB0350000
FLUORINE MONOXIDE see: RS2100000
FLUORINE OXIDE see: RS2100000
FLUORINSE see: WB0350000
FLUORISTAN see: XQ3450000
FLUOR-I-STRIP A.T. see: LM5425000
FLUORITAB see: WB0350000
FLUORITE (9CI) see: EW1760000
FLUORO (Italian) see: LM6475000
FLUOROACETAMIDE see: AC1225000
2-FLUOROACETAMIDE see: AC1225000
7-FLUORO-2-ACETAMIDO-FLUORENE see: AC2275000
4'-FLUORO-trans-4-ACETAMIDOSTILBENE see: AE3760000
FLUOROACETANILIDE see: AE2975000
2-FLUOROACETANILIDE see: AE2975000 ACETANILIDE, 2-FLUORO-
FLUOROACETIC ACID see: AH5950000
2-FLUOROACETIC ACID see: AH5950000
FLUOROACETIC ACID AMIDE see: AC1225000
FLUOROACETIC ACID (DOT) see: AH5950000
FLUOROACETIC ACID, SODIUM SALT see: AH9100000
3-FLUORO-4-ACETYLAMINOBIPHENYL see: AE3500000
3'-FLUORO-4-ACETYLAMINOBIPHENYL see: AE3675000
4'-FLUORO-4-ACETYLAMINOBIPHENYL see: AE3750000
1-FLUORO-2-ACETYLAMINOFLUORENE see: AC1400000
3-FLUORO-2-ACETYLAMINOFLUORENE see: AC1575000
4-FLUORO-2-ACETYLAMINOFLUORENE see: AC1750000
5-FLUORO-2-ACETYLAMINOFLUORENE see: AC1925000
6-FLUORO-2-ACETYLAMINOFLUORENE see: AC2100000
7-FLUORO-2-ACETYLAMINOFLUORENE see: AC2275000
8-FLUORO-2-ACETYLAMINOFLUORENE see: AC2450000
N-(FLUOROACETYL)-N-1-NAPHTHYLGLYCINE METHYL ESTER see: MC0536000 GLYCINE, N-(FLUOROACETYL)-N-1-NAPHTHYL-, METHYL ESTER
N-(FLUOROACETYL)-N'-PHENYLUREA see: YT3880000
4'-(3-FLUORO-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0620000
4'-((2-FLUORO-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE see: PB0635000
4'-((3-FLUORO-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE see: PB0635010
4'-((4-FLUORO-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE see: PB0635020
4'-C-FLUOROADENOSINE 5'-SULFAMATE see: AU7400000
4'-FLUORO-4-AMINODIPHENYL see: DU9625000
4'-FLUORO-4-AMINOSTILBENE see: WJ4300000
o-FLUOROANILINE see: BY1390000
4-FLUOROANILINE (DOT) see: BY1575000
2-FLUOROANILINE (DOT) see: BY1390000
4-FLUOROBENZANTHRACENE see: CW6475000
4-FLUOROBENZ(a)ANTHRACENE see: CW6475000
4'-FLUORO-1,2-BENZANTHRACENE see: CW6475000
2-FLUOROBENZENAMINE see: BY1390000
FLUOROBENZENE see: DA0800000
4-FLUOROBENZENEARSONIC ACID see: CY4950000
FLUOROBENZENE (DOT) see: DA0800000
N-(4-FLUOROBENZENESULFONYL)ERYTHROMYCYLAMINE see: KF4680200
2-FLUORO-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DE6332000
3-FLUORO-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DE6335000
3-FLUORO-BENZO(g)(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DE6348000
4-FLUORO-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DE6340000
4-FLUORO-BENZO(g)(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DE6352000
o-FLUOROBENZOIC ACID see: DH0250000
3-FLUOROBENZO(rst)PENTAPHENE see: DI6147000
6-FLUOROBENZO(a)PYRENE see: DJ6380270
FLUOROBENZOTEP see: CV2353200
FLUOROBENZOTEPA see: CV2353200

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

2-FLUORO-(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DL9960000
4-FLUORO-(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DM0015000
4-FLUORO-6H-(1)BENZOTHIOPYRANO(4,3-b)QUINOLINE see: DM0050000
o-FLUOROBENZOYL CHLORIDE see: DM6640000
2-FLUOROBENZOYL CHLORIDE see: DM6640000
3-(p-FLUOROBENZOYL)-6-METHOXY-2-METHYL-1-INDOLEACETIC ACID see: NL3530000
7-(2-(4-(p-FLUOROBENZOYL)PIPERIDINO)ETHYL)THEOPHYLLINE see: XH5624000
7-(3-(4-(p-FLUOROBENZOYL)PIPERIDINO)-2-HYDROXYPROPYL)THEOPHYLLINE HYDRATE see: XH5624200
7-(3-(4-(p-FLUOROBENZOYL)-PIPERIDINO)-2-HYDROXY-PROPYL)-THEOPHYLLIN-HYDRAT (German) see: XH5624200
7-(3-(4-(p-FLUOROBENZOYL)PIPERIDINO)PROPYL)THEOPHYLLINE see: XH5624500
1'-(3-(p-FLUOROBENZOYL)PROPYL)(1,4'-BIPIPERIDINE 1-4'-CARBOXAMIDE see: DW1050000
1-(3-p-FLUOROBENZOYLPROPYL)-4-p-CHLOROPHENYL-4-HYDROXYPIPERIDINE see: EU1575000
8-(3-(p-FLUOROBENZOYL)PROPYL)-1-PHENYL-1,3,8-TRIAZASPIRO(4.5)DECAN-4-ONE see: XX8925000
1-(1-(3-(p-FLUOROBENZOYL)PROPYL)-4-PIPERIDYL)-2-BENZIMIDAZOLINETHIONE see: EL7570000
1-(1-(3-(p-FLUOROBENZOYL)PROPYL)-4-PIPERIDYL)-2-BENZIMIDAZOLINONE see: DE1900000
8-(3-p-FLUOROBENZOYL-1-PROPYL)-4-OXO-1-PHENYL-1,3,8-TRIAZASPIRO(4,5)DECANE see: XX8925000
1-(3-(4-FLUOROBENZOYL)PROPYL)-4-(2-PYRIDYL)PIPERAZINE see: EU4550000
1-(1-(3-(p-FLUOROBENZOYL)PROPYL)-1,2,3,6-TETRAHYDRO-4-PYRIDYL)-2-BENZIMIDAZOLINONE see: DE2100000
1-(p-FLUOROBENZYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1845000
1-(p-FLUOROBENZYL)-2-((1-(2-(p-METHOXYPHENYL)ETHYL)PIPERID-4-YL)AMINO)BENZIMIDAZOLE see: DD8968000
(+)-N-(p-FLUOROBENZYL)-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH6974000
p-FLUOROBENZYL-p-TOLYL-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)CARBINOL see: KK5530000
N-4-(4'-FLUORO)BIPHENYLACETAMIDE see: AE3750000
2'-FLUORO-4-BIPHENYLACETIC ACID see: DU8333500
4'-FLUORO-4-BIPHENYLAMINE see: DU9625000
N-(4'-FLUORO-4-BIPHENYLYL)ACETAMIDE see: AE3750000
N-(4'-FLUORO-4-BIPHENYLYL)ACETOHYDROXAMIC ACID see: AL0450000
3-(2-FLUORO-4-BIPHENYLYL)-BUTYRIC ACID see: DV8380000
5-(1-(2-FLUORO-4-BIPHENYLYL)ETHYL)-1H-TETRAZOLE see: XF7471500
4-(2'-FLUORO-4-BIPHENYLYL)-4-HYDROXYCROTONIC ACID see: GQ3550000
2-(2-FLUORO-4-BIPHENYLYL)PROPIONIC ACID see: DU8341000
6-FLUORO-2,3-BIS(BROMOMETHYL)QUINOXALINE 1,4-DI-N-OXIDE see: VD1423000
6-FLUORO-2,3-BIS(HYDROXYMETHYL)QUINOXALINE 1,4-DI-N-OXIDE see: VD1920000
FLUOROBISISOPROPYLAMINOPHOSPHINE OXIDE see: TD3675000
6-FLUORO-7-BROMOMETHYLBENZ(a)ANTHRACENE see: CW0425000
FLUOROBUTYROPHENONE see: DW1050000
p-FLUOROCARBANILIC ACID 4-PYRIDYLMETHYL ESTER see: FD8940100
FLUOROCARBON-12 see: PA8200000
FLUOROCARBON-22 see: PA6390000
FLUOROCARBON 113 see: KJ4000000
FLUOROCARBON 114 see: KI1101000
FLUOROCARBON NO. 11 see: PB6125000
FLUOROCHROME see: LM5250000
FLUOROCID see: WB0350000
17-FLUOROCOLCHICINE see: GH0887000
9-alpha-FLUOROCORTISOL see: TU5025000
FLUOROCORTISONE see: TU5025000
5-FLUOROCYSTOSINE see: HA6040000
5-FLUOROCYTOSINE see: HA6040000
m-FLUORO-DCBA see: DP1582000
o-FLUORO-DCBA see: DP1582100
p-FLUORO-DCBA see: DP1582200
3-FLUORO-3-DEMETHOXYSPORARICIN A see: WH1332560
5-FLUORODEOXYCYTIDINE see: HA3850000
5-FLUORO-2'-DEOXYCYTIDINE see: HA3850000
FLUORODEOXYURIDINE see: YU7525000
beta-5-FLUORO-2'-DEOXYURIDINE see: YU7525000
5-FLUORODEOXYURIDINE see: YU7525000
5-FLUORO-2-DEOXYURIDINE see: YU7525000
5-FLUORO-2'-DEOXYURIDINE see: YU7525000
9-alpha-FLUORO-21-DESOXYHYDROCORTISONE see: TU5017000
6-alpha-FLUORODEXAMETHASONE see: TU3832000
4-FLUORO-1,2:5,6-DIBENZANTHRACENE see: HN4900000
6-FLUORODIBENZ(a,h)ANTHRACENE see: HN4900000
m-FLUORO-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1582000
o-FLUORO-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1582100
p-FLUORO-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1582200
FLUORODICHLOROMETHANE see: PA8400000
FLUORODIFEN see: KO2750000
(5-FLUORO-1,2-DIHYDRO-2-OXO-4-PYRIMIDINYL)-beta-D-GLUCOPYRANOSIDURONIC ACID METHYL ESTER see: LZ6501000
(+)-12-FLUORO-13,14-DIHYDRO-PGF2-alpha METHYL ESTER see: UK8419700
(+)-15-epi-12-FLUORO-13,14-DIHYDRO-PGF2-alpha METHYL ESTER see: UK8419800
cis-7-FLUORO-3,4-DIHYDRO-1-PHENYL-1H-2-BENZOPYRAN-3-METHANAMINE see: DJ2548200
(+)-12-FLUORO-13,14-DIHYDROPROSTAGLANDIN F2-alpha METHYL ESTER see: UK8419700
(+)-15-epi-12-FLUORO-13,14-DIHYDROPROSTAGLANDIN F2-alpha METHYL ESTER see: UK8419800
9-alpha-FLUORO-11-beta,21-DIHYDROXY-16-alpha-ISOPROPYLIDENEDIOXY-1,4-PREGNADIENE-3,20-DIONE see: TU3920000
FLUORO-9-alpha DIHYDROXY-11-beta,17-beta METHYL-17-alpha ANDROSTENE-4 ONE-3 (French) see: BV8390000
9-FLUORO-11-beta,17-beta-DIHYDROXY-17-METHYLANDROST-4-EN-3-ONE see: BV8390000
9-alpha-FLUORO-11-beta,17-beta-DIHYDROXY-17-alpha-METHYL-4-ANDROSTENE-3-ONE see: BV8390000
6-alpha-FLUORO-11-beta,21-DIHYDROXY-16-alpha-METHYLPREGNA-1,4-DIENE-3,20-DIONE see: TU3832500
9-alpha-FLUORO-11-beta,17-DIHYDROXY-3-OXO-4-ANDROSTENE-17-alpha-PROPIONIC ACID POTASSIUM see: TU4650000
9-alpha-FLUORO-11-beta,17-alpha-DIHYDROXYPROGESTERONE see: TU5017000
FLUORODIISOPROPYL PHOSPHATE see: TE5075000
m-FLUORODIMETHYLAMINOAZOBENZENE see: BX5610000
2-FLUORO-4-DIMETHYLAMINOAZOBENZENE see: BX5620000
2'-FLUORO-4-DIMETHYLAMINOAZOBENZENE see: BX5600000
3'-FLUORO-4-DIMETHYLAMINOAZOBENZENE see: BX5610000
4'-FLUORO-N,N-DIMETHYL-4-AMINOAZOBENZENE see: BX5595000
4'-FLUORO-p-DIMETHYLAMINOAZOBENZENE see: BX5595000
4'-FLUORO-4-DIMETHYLAMINOAZOBENZENE see: BX5595000
2'-FLUORO-4-DIMETHYLAMINOSTILBENE see: WJ4375000
4'-FLUORO-4-DIMETHYLAMINOSTILBENE see: WJ4550000
3-FLUORO-2,10-DIMETHYL-5,6-BENZACRIDINE see: CU3600000
10-FLUORO-9,12-DIMETHYLBENZ(a)ACRIDINE see: CU3600000
1-FLUORO-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CW4390000
2-FLUORO-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CW4392000
4-FLUORO-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CW4400000
5-FLUORO-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CW4410000
8-FLUORO-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CW4420000
11-FLUORO-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CW4460000
4'-FLUORO-N,N-DIMETHYL-p-PHENYLAZOBENZENE see: BX5595000
2'-FLUORO-N,N-DIMETHYL-4-STILBENAMINE see: WJ4375000
4'-FLUORO-N,N-DIMETHYL-4-STILBENAMINE see: WJ4550000
1-FLUORO-2,4-DINITROBENZENE see: CZ7800000
1,2,4-FLUORODINITROBENZENE see: CZ7800000
2,7-FLUOROENEDIAMINE see: LL6980000
4-FLUOROESTRADIOL see: KG7535000
4-FLUOROESTRA-1,3,5-(10)-TRIENE-3,17-beta-DIOL see: KG7535000
FLUOROETHANE see: KI3650000
FLUOROETHANOIC ACID see: AH5950000
2-FLUOROETHANOL NITRITE see: KL1750000
2-FLUOROETHANOL PHOSPHITE (3:1) see: KL1925000
FLUOROETHENE see: YZ7351000
FLUORO-3 ETHOXY-4 BENZOATE de gamma-DIBUTYLAMINOPROPYLE CHLORHYDRATE (French) see: DG9879010
FLUORO-5-ETHOXY-2-BENZOATE de gamma-DIBUTYLAMINOPROPYLE CHLORHYDRATE (French) see: DG9879000
FLUORO-3 ETHOXY-4 BENZOATE de beta-DIETHYLAMINOETHYLE CHLORHYDRATE (French) see: DG9879510
FLUORO-5ETHOXY-2 BENZOATE de beta-DIETHYLAMINOETHYLE CHLORHYDRATE (French) see: DG9879500
FLUORO-3 ETHOXY-4 BENZOATE de gamma-DIETHYLAMINOPROPYLE CHLORHYDRATE (French) see: DG9879600
2-(beta-FLUOROETHOXY)ETHANOL see: KL1600000
2-(2'-(2''-FLUOROETHOXY)ETHOXY)ETHANOL see: KL1650000
3-(2'-FLUOROETHOXY)PROPIONIC ACID see: UF4100000
2'-FLUORO-5-ETHYL-1-beta-D-ARABINOFURANOSYLURACIL see: YQ9512000
FLUOROETHYLENE see: YZ7351000
2'-FLUOROETHYL omega-FLUORODECANOATE see: HD9550000
2'-FLUOROETHYL 10-FLUORODECANOATE see: HD9550000
beta-FLUOROETHYLIC ESTER of XENYLACETIC ACID see: AH3050000
1-(2-FLUOROETHYL)-1-NITROSO-UREA see: YT3937000
1-FLUORO-2-FAA see: AC1400000
3-FLUORO-2-FAA see: AC1575000
4-FLUORO-2-FAA see: AC1750000
5-FLUORO-2-FAA see: AC1925000
6-FLUORO-2-FAA see: AC2100000
7-FLUORO-2-FAA see: AL0525000
8-FLUORO-2-FAA see: AC2450000
FLUOROFLEX see: KX4025000
N-(1-FLUOROFLUOREN-2-YL)ACETAMIDE see: AC1400000
N-(3-FLUOROFLUOREN-2-YL)ACETAMIDE see: AC1575000
N-(4-FLUOROFLUOREN-2-YL)ACETAMIDE see: AC1750000
N-(5-FLUOROFLUOREN-2-YL)ACETAMIDE see: AC1925000
N-(6-FLUOROFLUOREN-2-YL)ACETAMIDE see: AC2100000
N-(7-FLUOROFLUOREN-2-YL)ACETAMIDE see: AC2275000
N-(8-FLUOROFLUOREN-2-YL)ACETAMIDE see: AC2450000
7-FLUORO-2-N-(FLUORENYL)ACETHYDROXAMIC ACID see: AL0525000
7-FLUORO-N-(FLUOREN-2-YL)ACETOHYDROXAMIC ACID see: AL0525000
N-(7-FLUORO-2-FLUORENYL)ACETOHYDROXAMIC ACID see: AL0525000
5-FLUORO-1-(p-FLUOROBENZYL)-URACIL see: YR0380000
4'-FLUORO-4-(p-FLUOROPHENYL)-1-PIPERAZINECARBOXANILIDE see: TL1319000
FLUOROFORM see: PB6900000
FLUOROFORMYL FLUORIDE see: FG6125000
FLUOROFORMYLON see: TU3460000
FLUOROGESTERONE ACETATE see: TU5024000
FLUOROGESTONE ACETATE see: TU5024000
6-FLUORO-1-HEXENE see: MP6900000
9-alpha-FLUOROHYDROCORTISONE see: TU5025000
7-FLUORO-N-HYDROXY-N-2-ACETYLAMINOFLUORENE see: AL0525000
FLUOROHYDROXYANDROSTENEDIONE see: BV8151300
9-alpha-FLUORO-11-beta-HYDROXY-4-ANDROSTENE-3,17-DIONE see: BV8151300
4'-FLUORO-4-(4-HYDROXY-4-(4'-CHLOROPHENYL)PIPERIDINO)BUTYROPHENONE see: EU1575000
9-alpha-FLUORO-17-HYDROXYCORTICOSTERONE see: TU5025000
2-FLUORO-2'-HYDROXYDIETHYL ETHER see: KL1600000
2-FLUORO-2'-(2''-HYDROXYETHOXY)DIETHYL ETHER see: KL1650000
2-FLUORO-N-(2-HYDROXYETHYL)-N-1-NAPHTHYLACETAMIDE see: AC2500000 ACETAMIDE, 2-FLUORO-N-(2-HYDROXYETHYL)-N-1-NAPHTHYL-
4'-FLUORO-4-(2-HYDROXYETHYL)-1-PIPERAZINECARBOXANILIDE see: TL1319100
9-alpha-FLUORO-11-HYDROXY-16-METHYLENE-17-alpha-ACETOXYPROGESTERONE see: TU5018000
4' FLUORO-2'-HYDROXY-3,4-METHYLENEDIOXYCHALCONE see: FL7030000
2-FLUORO-N-(2-HYDROXY-1-METHYLETHYL)-N-1-NAPHTHYLACETAMIDE see: AC2520000 ACETAMIDE, 2-FLUORO-N-(2-HYDROXY-1-METHYLETHYL)-N-1-NAPHTHYL-
2-FLUORO-N-(2-HYDROXY-1-METHYLETHYL)-N-2-NAPHTHYLACETAMIDE see: AC2540000 ACETAMIDE, 2-FLUORO-N-(2-HYDROXY-1-METHYLETHYL)-N-2-NAPHTHYL-
5-FLUORO-7-HYDROXYMETHYL-12-METHYLBENZ(a)ANTHRACENE see: CW6550000
21-FLUORO-17-HYDROXY-6-alpha-METHYLPREGN-4-ENE-3,20-DIONE 17-ACETATE (ester) see: TU5024400
9-alpha-FLUORO-11-beta-HYDROXY-17-METHYLTESTOSTERONE see: LV8390000
5-FLUORO-1-(4-HYDROXY-3-NITROBENZYL)-URACIL see: YR0405000
9-alpha-FLUORO-16-alpha-HYDROXYPREDNISOLONE see: TU3850000
9-alpha-FLUORO-16-HYDROXYPREDNISOLONE ACETONIDE see: TU3920000
9-alpha-FLUORO-16-alpha-HYDROXYPREDNISOLONE 16-alpha,17-alpha-ACETONIDE see: TU3920000
9-alpha-FLUORO-16-alpha-HYDROXYPREDNISOLONE DIACETATE see: TU3950000
9-alpha-FLUORO-11-beta-HYDROXYPREGN-4-ENE-3,20-DIONE see: TU5024100
12-alpha-FLUORO-11-alpha-HYDROXYPREGN-4-ENE-3,20-DIONE see: TU5024200
9-FLUORO-17-HYDROXYPREGN-4-ENE-3,11,20-TRIONE ACETATE see: TU5531000
9-alpha-FLUORO-11-beta-HYDROXYPROGESTERONE see: TU5024100
4'-FLUORO-4-(4-HYDROXY-4-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)PIPERIDINO)BUTYROPHENONE see: EU3500000
4'-FLUORO-1-IMIDAZOLECARBOXANILIDE see: NI4000500
4'-FLUORO-4-(3-(3-INDOLYLMETHYL)-4-METHYL-1-PIPERAZINYL)BUTYROPHENONE see: EU3556500
2'-FLUORO-5-IODO-1-beta-D-ARABINOFURANOSYLCYTOSINE see: HA6010000
2'-FLUORO-5-IODO-1-beta-D-ARABINOFURANOSYLURACIL see: YQ9512500
9-alpha-FLUORO-16-alpha-17 alpha-ISOPROPYLEDENEDIOXYPREDNISOLONE see: TU3920000
9-alpha-FLUORO-16-alpha-17-alpha-ISOPROPYLIDENEDIOXY-delta-1-HYDROCORTISONE see: TU3920000
FLUOR-O-KOTE see: WB0350000
FLUOROL see: WB0350000
FLUOROLON 4 see: KX4025000
FLUOROMAR see: KO4250000
6-FLUOROMELATONIN see: AC2650000
FLUOROMETHANE see: PA9154000
5-FLUORO-1-(p-METHOXYBENZYL)-URACIL see: YR0420000
N-(2-(6-FLUORO-5-METHOXY-1H-INDOL-3-YL)ETHYL)ACETAMIDE see: AC2650000
4'-FLUORO-7-METHOXY-3-METHYL-8-(PIPERIDINOMETHYL)FLAVONE see: LK8645800

BEST COPY AVAILABLE

4'-FLUORO-7-METHOXY-3-METHYL-8-(1-PYRROLIDINYLMETHYL)FLAVONE see: LK8645900
2-((5 FLUORO-2-METHOXYPHENYL)AZO)-1H-IMIDAZOLE see: NI6259400
4'-FLUORO-4-(4-(o-METHOXYPHENYL)-1-PIPERAZINYL)BUTYROPHENONE see: EU3640000
2-FLUORO-N-METHYL-m-ACETOTOLUIDIDE see: AN3630000 m-ACETOTOLUIDIDE, 2-FLUORO-N-METHYL-
2-FLUORO-N-METHYL-4'-NITROACETANILIDE see: AE2980000 ACETANILIDE, 2-FLUORO-N-METHYL-4'-NITRO-
2'-FLUORO-5-METHYL-1-beta-D-ARABINOFURANOSYLURACIL see: YQ9512600
1-FLUORO-10-METHYL-7,8-BENZACRIDINE see: CU3857500
3-FLUORO-10-METHYL-5,6-BENZACRIDINE see: CU3855000
3-FLUORO-10-METHYL-7,8-BENZACRIDINE (French) see: CU3852500
10-FLUORO-12-METHYLBENZ(a)ACRIDINE see: CU3855000
2-FLUORO-7-METHYLBENZ(a)ANTHRACENE see: CW6600000
3-FLUORO-7-METHYLBENZ(a)ANTHRACENE see: CW6825000
3'-FLUORO-10-METHYL-1,2-BENZANTHRACENE see: CW6825000
4-FLUORO-10-METHYL-1,2-BENZANTHRACENE see: CW6910000
4-FLUORO-10-METHYLBENZ(a)ANTHRACENE see: CW6910000
6-FLUORO-7-METHYLBENZ(a)ANTHRACENE see: CW7175000
6-FLUORO-10-METHYL-1,2-BENZANTHRACENE see: CW7350000
7-FLUORO-10-METHYL-1,2-BENZANTHRACENE see: CW7525000
9-FLUORO-7-METHYLBENZ(a)ANTHRACENE see: CW7350000
10-FLUORO-7-METHYLBENZ(a)ANTHRACENE see: CW7525000
2-FLUORO-N-METHYL-N-2-NAPHTNYLACETAMIDE see: AC2710000 ACETAMIDE, 2-FLUORO-N-METHYL-N-2-NAPHTHYL-
4-FLUORO-7-METHYL-6H-(1)BENZOTHIOPYRANO(4,3-b)QUINOLINE see: DM0085000
2-FLUORO-alpha-METHYL-4-BIPHENYLACETIC ACID see: DU8341000
2'-FLUORO-alpha-METHYL-4-BIPHENYLACETIC ACID see: DU8341100
2-FLUORO-alpha-METHYL(1,1'-BIPHENYL)-4-ACETIC ACID see: DU8341000
5-FLUORO-alpha-METHYL-3-BIPHENYLACETIC ACID see: DU8340900
2'-FLUORO-beta-METHYL-(1,1-BIPHENYL)-4-PROPANOIC ACID see: DV8380000
2-FLUORO-3-METHYLCHOLANTHRENE see: FZ3614950
6-FLUORO-3-METHYLCHOLANTHRENE see: FZ3615000
9-FLUORO-3-METHYLCHOLANTHRENE see: FZ3615050
1-FLUORO-4-METHYLCHRYSENE see: GC1227000
1-FLUORO-5-METHYLCHRYSENE see: GC1230000
3-FLUORO-5-METHYLCHRYSENE see: GC1235000
6-FLUORO-5-METHYLCHRYSENE see: GC1240000
7-FLUORO-5-METHYLCHRYSENE see: GC1250000
9-FLUORO-5-METHYLCHRYSENE see: GC1260000
11-FLUORO-5-METHYLCHRYSENE see: GC1265000
12-FLUORO-5-METHYLCHRYSENE see: GC1270000
delta(sup 1)-9-alpha-FLUORO-16-alpha-METHYLCORTISOL see: TU3980000
6-alpha-FLUORO-16-alpha-METHYL-1-DEHYDROCORTICOSTERONE see: TU3832500
9-alpha-FLUORO-17-alpha-METHYL-11-beta,17-DIHYDROXY-4-ANDROSTEN-3-ONE see: BV8390000
trans-6-FLUORO-4-METHYL-4-METHYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER see: DF3513000
2-FLUORO-N-METHYL-N-1-NAPHTHYLACETAMIDE see: AC2700000
alpha-(FLUOROMETHYL)-2-NITROIMIDAZOLE-1-ETHANOL see: NI5566000
p-FLUORO-N-METHYL-N-NITROSOANILINE see: BY1650000
p-FLUORO-N-METHYL-N-NITROSOBENZYLAMINE see: DP5272000
4'-FLUORO-4-METHYL-1-PIPERAZINECARBOXANILIDE see: TL1319300
4'-FLUORO-4-(4-METHYLPIPERIDINO)BUTYROPHENONE HYDROCHLORIDE see: EU4025000
9-alpha-FLUORO-16-alpha-METHYLPREDNISOLONE see: TU3980000
9-alpha-FLUORO-16-beta-METHYLPREDNISOLONE see: TU4000000
6-alpha-FLUORO-16-alpha-METHYLPREDNISOLONE 21-ACETATE see: TU4025000
6-alpha-FLUORO-16-alpha-METHYLPREGNA-1,4-DIENE-11-beta,21-DIOL-3,20-DIONE see: TU3832500
6-alpha-FLUORO-16-alpha-METHYL-delta(sup 1,4)-PREGNADIENE-11-beta-DIOL-3,20-DIONE see: TU3832500
9-alpha-FLUORO-16-alpha-METHYL-1,4-PREGNADIENE-11-beta,17-alpha,21-TRIOL-3,20-DIONE see: TU3980000
9-alpha-FLUORO-16-beta-METHYL-1,4-PREGNADIENE-11-beta,17-alpha,21-TRIOL-3,20-DIONE see: TU4000000
4'-FLUORO-4-(METHYL(1,2,3,4-TETRAHYDRO-9H-PYRIDO(3,4-b)INDOL-2-YLMETHYL)AMINO)BUTYROPHENONE see: EU4131000
2-FLUORO-N-METHYL-2',4',5'-TRICHLOROACETANILIDE see: AE2982000 ACETANILIDE, 2-FLUORO-N-METHYL-2',4',5'-TRICHLORO-
4-alpha-FLUORO-16-alpha-METHYL-11-beta,17,21-TRIHYDROXYPREGNA-1,4-DIENE-3,20-DIONE see: TU3980000
2-FLUORO-N-1-NAPHTHYLACETAMIDE see: AC2740000 ACETAMIDE, 2-FLUORO-N-(NAPHTHYL)-
2-FLUORO-N-2-NAPHTHYLACETAMIDE see: AC2750000 ACETAMIDE, 2-FLUORO-N-2-NAPHTHYL-
2-FLUORO-N-(1-NAPHTHYLMETHYL)ACETANILIDE see: AE2984000 ACETANILIDE, 2-FLUORO-N-(1-NAPHTHYLMETHYL)-
2-FLUORO-N-1-NAPHTHYL-N-(1-NAPHTHYLMETHYL)ACETAMIDE see: AC2760000 ACETAMIDE, 2-FLUORO-N-1-NAPHTHYL-N-(1-NAPHTHYLMETHYL)-
2-FLUORO-2'-NITROACETANILIDE see: AE2986000 ACETANILIDE, 2-FLUORO-2'-NITRO-
2-FLUORO-3'-NITROACETANILIDE see: AE2988000 ACETANILIDE, 2-FLUORO-3'-NITRO-
2-FLUORO-4'-NITROACETANILIDE see: AE2990000 ACETANILIDE, 2-FLUORO-4'-NITRO-
4-FLUORO-3-NITROANILINE see: BY1700000
p-FLUORONITROBENZENE see: DA1400000
4-FLUORONITROBENZENE see: DA1400000
3-FLUORO-4-NITROQUINOLINE 1-OXIDE see: VB8400000
8-FLUORO-4-NITROQUINOLINE 1-OXIDE see: VB8575000
9-FLUORO-2-NONANONE see: RA8300000
8-FLUOROOCTANAL see: RG7895000
8-FLUORO-2-OCTANONE see: RH1510000
FLUORPAK 80 see: KX4025000
5-FLUORO-1-PENTENE see: SB2200000
(+)-12-FLUORO-PGF2-alpha METHYL ESTER see: UK8009000
(+)-15-epi-12-FLUORO-PGF2-alpha METHYL ESTER see: UK8009200
9-FLUOROPHENANTHRENE see: SF7730000
o-FLUOROPHENOL see: SL4530000 PHENOL, o-FLUORO-
2-FLUOROPHENOL see: SL4530000 PHENOL, o-FLUORO-
4-FLUOROPHENOL see: SL4550000
2'-FLUORO-4'-PHENYLACETANILIDE see: AE3500000
4'-(m-FLUOROPHENYL)ACETANILIDE see: AE3675000
4'-(p-FLUOROPHENYL)ACETANILIDE see: AE3750000
o-FLUOROPHENYLALANINE see: AY6307000
p-FLUOROPHENYLALANINE see: AY6310000
para-FLUORPHENYLALANINE see: AY6310000
2-FLUROPHENYLALANINE see: AY6307000
4-FLUOROPHENYLALANINE see: AY6310000
p-((p-FLUOROPHENYL)AZO)-N,N-DIMETHYLANILINE see: BX5595000
4-((4-FLUOROPHENYL)AZO)-N,N-DIMETHYLBENZENAMINE see: BX5595000
N-(m-FLUOROPHENYL)BENZAMIDINE see: CV6253000
d-7-FLUORO-1-PHENYL-3,4-DIHYDRO-1H-2-BENZOPYRAN-3-METHANAMINE see: DJ2548100
l-7-FLUORO-1-PHENYL-3,4-DIHYDRO-1H-2-BENZOPYRAN-3-METHANAMINE see: DJ2548000
N'-(4-FLUOROPHENYL)-N,N-DIMETHYLUREA see: YT0153000
p-FLUOROPHENYL ETHYL SULFONE see: WR6475000
5-(o-FLUOROPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8520800
5-(4'-FLUOROPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8520800
3-FLUORO-4-PHENYLHYDRATROPIC ACID see: DU8341000
2-(p-FLUOROPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3022000
N-(9-(p-FLUOROPHENYLIMINO)FLUOREN-2-YL)ACETAMIDE see: AC2840000
2-(p-FLUOROPHENYL)-2H-INDAZOLE see: NK7926500
N-(m-FLUOROPHENYL)ISONICOTINAMIDINE see: NS0986000
4-(p-FLUOROPHENYL)-1-ISOPROPYL-7-METHYL-2(1H)-QUINAZOLINONE see: VA3401000
4-(p-FLUOROPHENYL)-7-METHOXY-3-PHENYL-1,2-DIHYDRONAPHTHALENE see: QJ4378000
1-(m-FLUOROPHENYL)-2-(p-METHOXYPHENYL)-2-PHENYLETHYLENE see: KW2666400
1-(p-FLUOROPHENYL)-6-METHOXY-2-PHENYL-1,2,3,4-TETRAHYDRO-1-NAPHTHOL see: QL5418800
4-(4-FLUOROPHENYL)-7-METHYL-1-(1-METHYLETHYL)-2(1H)-QUINAZOLINONE see: VA3401000
1-(p-FLUOROPHENYL)-3-METHYL-3-(TETRAHYDROFURFURYL)UREA see: YT4000200
2-(p-FLUOROPHENYL)-2-METHYL-1-THIA-3-AZA-2-SILACYCLOPENTANE see: XI0620000
2-(p-FLUOROPHENYL)-2-METHYL-1,3,2-THIAZAGERMOLIDINE see: XJ0416000
2-(p-FLUOROPHENYL)-2-METHYLTHIAZOLIDINE see: XJ5963000
N-(4-FLUOROPHENYL)-N'-METHYLUREA see: YT3983000
1-(p-FLUOROPHENYL)-3-METHYLUREA see: YT3983000
N-(m-FLUOROPHENYL)NICOTINAMIDINE see: QS4730000
1-(1-(4-(p-FLUOROPHENYL-4-OXOBUTYL)-1,2,3,6-TETRAHYDRO-4-PYRIDYL)-2-BENZIMIDAZOLINONE see: DE2100000
1-(2-(p-(3-(m-FLUOROPHENYL)-2-PHENYL-1-PROPENYL)PHENOXY)ETHYL)PYRROLIDINE see: UY1257500
3-(p-FLUOROPHENYL)-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE see: FL7035000
4'-FLUORO-4-PHENYL-1-PIPERAZINECARBOXANILIDE see: TL1319500
N-(3-(4-(p-FLUOROPHENYL)-1-PIPERAZINYL)-1-METHYLPROPYL)NICOTINAMIDE TRIHYDROCHLORIDE see: QS4476200
2-FLUORO-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE see: FL7040000
p-(m-FLUORO-alpha-PHENYLSTYRYL)PHENOL see: SL4585000
p-(o-FLUORO-alpha-PHENYLSTYRYL)PHENOL see: SL4585100
p-(p-FLUORO-alpha-PHENYLSTYRYL)PHENOL see: SL4585200
1-(p-FLUOROPHENYL)TETRAHYDRONORHARMAN HYDROCHLORIDE see: UV0690000
1-(p-FLUOROPHENYL)-3-(2-THIAZOLYL)UREA see: YT4000400
5-(p-FLUOROPHENYL)-3-(o-TOLYL)-s-TRIAZOLE see: XZ4916000
2-(p-FLUOROPHENYL)-s-TRIAZOLO(5,1-a)ISOQUINOLINE see: XZ5479150
1-(p-FLUOROPHENYL)UREA see: YT3980000
(4-FLUOROPHENYL)UREA see: YT3980000
FLUOROPHOSGENE see: FG6125000
FLUOROPHOSPHATE de DICHOLINE (French) see: GA4050000
2-FLUORO-9-(5-O-PHOSPHONO-beta-D-ARABINOFURANOSYL)-9H-PURIN-6-AMINE see: UO7440900
FLUOROPHOSPHORIC ACID, ANHYDROUS see: TE5000000
5-FLUORO-3-PHTHALIDYL-URACIL see: YR0430000
4'-FLUORO-1-PIPERIDINECARBOXANILIDE see: TM6122000
4'-FLUORO-4-(4-N-PIPERIDINO-4-CARBAMIDOPIPERIDINO)BUTYROPHENONE see: DW1050000
p-FLUORO-gamma-(4-PIPERIDINO-4-CARBAMOYLPIPERIDINO)BUTYROPHENONE see: DW1050000
4'-FLUORO-3-PIPERIDINOPROPIOPHENONE see: UH1815000 PROPIOPHENONE, 4'-FLUORO-3-PIPERIDINO-
4'-FLUORO-3-(1-PIPERIDYL)PROPIOPHENONE see: UH1815000 PROPIOPHENONE, 4'-FLUORO-3-PIPERIDINO-
FLUOROPLAST 3 see: KV0525000
FLUOROPLAST 4 see: KX4000000
FLUOROPLAST 4 see: KX4025000
FLUOROPLAST 4B see: KX4025000
FLUOROPLAST 4D see: KX4025000
FLUOROPLAST 4M see: KX4025000
FLUOROPLEX see: YR0350000
FLUOROPORE FP 120 see: KX4025000
21-FLUOROPREGN-4-ENE-3,20-DIONE see: TU5023500
9-alpha-FLUOROPREGN-4-ENE-3,11,20-TRIONE see: TU5530500
21-FLUOROPROGESTERONE see: TU5023500
(+)-12-FLUOROPROSTAGLANDIN F2-alpha METHYL ESTER see: UK8009000
(+)-15-epi-12-FLUOROPROSTAGLANDIN F2-alpha METHYL ESTER see: UK8009200
FLUOROPRYL see: TE5075000
4'-FLUORO-4-(4-(2-PYRIDYL)-1-PIPERAZINYL)BUTYROPHENONE see: EU4550000
5-FLUOROPYRIMIDINE-2,4-DIONE see: YR0350000
4'-FLUORO-1-PYRROLIDINECARBOXANILIDE see: UY0361000
6-FLUORO-QUINOXALINE-2,3-DIMETHANOL 1,4-DIOXIDE see: VD1920000
FLUOROSILICIC ACID see: VV8225000
FLUOROSILICIC ACID (DOT) see: VV8225000
4'-FLUORO-4-STILBENAMINE see: WJ4300000
2-FLUORO-4-STILBENYL-N,N-DIMETHYLAMINE see: WJ4375000
4'-FLUORO-4-STILBENYL-N,N-DIMETHYLAMINE see: WJ4550000
trans-4'-(p-FLUOROSTYRYL)ACETANILIDE see: AE3760000
4'-FLUORO-5'-O-SULFAMOYLADENOSINE see: AU7400000
9-(4-FLUORO-5-O-SULFAMOYLPENTOFURANOSYL)ADENINE see: AU7400000
FLUOROSULFONIC ACID see: LP0715000
FLUOROSULFONIC ACID (DOT) see: LP0715000

LP0715000 FLUOROSULFURIC ACID
UPDT:8308 CAS: 7789-21-1 MW: 100.07 MOLFM: F-H-O3-S
SYN: FLUOROSULFONIC ACID * FLUOROSULFONIC ACID (DOT) * FLUOSULFONIC ACID * FLUOSULFONIC ACID (DOT) * UN 1777 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0881-0407

LP0720000 FLUOROSULFURIC ACID, METHYL ESTER
UPDT:8403 CAS: 421-20-5 MW: 114.10 MOLFM: C-H3-F-O3-S
SYN: MAGIC METHYL * METHYL FLUOROSULFATE * METHYL FLUOROSULFONATE * METHYL FLUOSULFONATE

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/4sec rns SEV AIHAAP 40,600,79

MUTATION DATA AND REFERENCES:
mma-sat 4 ug/plate MUREAV 51,285,78

TOXICITY DATA AND REFERENCES:
ihl-rat LC50:5 ppm/1H AIHAAP 40,600,79
orl-mus LD50:112 mg/kg AIHAAP 40,600,79
skn-rbt LDLo:455 mg/kg AIHAAP 40,600,79

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FLUOROTANE see: KH6550000
5-FLUORO-1-(TETRAHYDRO-2-FURANYL)-2,4-PYRIMIDINEDIONE see: YR0450000
5-FLUORO-1-(TETRAHYDROFURAN-2-YL)URACIL see: YR0450000
5-FLUORO-1-(TETRAHYDRO-1-FURYL)URACIL see: YR0440000

BEST COPY AVAILABLE

5-FLUORO-1-(TETRAHYDRO-3-FURYL)URACIL see: YR0450000
9-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXYPREGNA-1,4-DIENE-3,20-DIONE see: TU3850000
9-alpha-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXYPREGNA-1,4-DIENE-3,20-DIONE see: TU3850000
9-alpha-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXY-1,4-PREGNADIENE-3,20-DIONE see: TU3850000
9-alpha-FLUORO-11-beta,16-alpha,17-alpha,21-TETRAHYDROXYPREGNA-1,4-DIENE-3,20-DIONE see: TU3850000
9-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXYPREGNA-1,4-DIENE-3,20-DIONE 16,21-DIACETATE see: TU3950000
m-FLUOROTOLUENE see: XT2578000
o-FLUOROTOLUENE see: XT2579000
p-FLUOROTOLUENE see: XT2580000
2-FLUOROTOLUENE see: XT2579000
3-FLUOROTOLUENE see: XT2578000
m-FLUOROTOLUENE (DOT) see: XT2578000
o-FLUOROTOLUENE (DOT) see: XT2579000
p-FLUOROTOLUENE (DOT) see: XT2580000
FLUOROTRIBUTYLSTANNANE see: WH8275000
2-FLUORO-2',4',5'-TRICHLOROACETANILIDE see: AE3770000 ACETANILIDE, 2-FLUORO-2',4',5'-TRICHLORO-
2'-FLUORO-2,4',5'-TRICHLOROACETANILIDE see: AE3772000 ACETANILIDE, 2'-FLUORO-2,4',5'-TRICHLORO-
FLUOROTRICHLOROMETHANE see: PB6125000
2-FLUOROTRICYCLOQUINAZOLINE see: YD2925000
3-FLUORO-TRICYCLOQUINAZOLINE see: YD2975000
9-FLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYLPREGNA-1,4-DIENE-3,20-DIONE see: TU3980000
9-FLUORO-11-beta,17,21-TRIHYDROXY-16-beta-METHYLPREGNA-1,4-DIENE-3,20-DIONE see: TU4000000
9-alpha-FLUORO-11-beta,17,21-TRIHYDROXY-16-beta-METHYLPREGNA-1,4-DIENE-3,20-DIONE see: TU4000000
9-alpha-FLUORO-11-beta,17-alpha,21-TRIHYDROXY-16-alpha-METHYLPREGNA-1,4-DIENE-3,20-DIONE see: TU3980000
9-alpha-FLUORO-11-beta,17-alpha,21-TRIHYDROXY-16-beta-METHYLPREGNA-1,4-DIENE-3,20-DIONE see: TU4000000
9-FLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYLPREGNA-1,4-DIENE-3,20-DIONE ACETATE see: TU4050000
9-FLUORO-11-beta,17,21-TRIHYDROXY-16-beta-METHYLPREGNA-1,4-DIENE-3,20-DIONE-17-VALERATE see: TU3835000
9-FLUORO-11-beta,17,21-TRIHYDROXYPREGN-4-ENE-3,20-DIONE see: TU5025000
9-alpha-FLUORO-11-beta,17-alpha,21-TRIHYDROXY-4-PREGNENE-3,20-DIONE see: TU5025000
FLUOROTROJCHLOROMETAN (Polish) see: PB6125000
3-FLUOROTYROSIN see: YP2625000
3-FLUOROTYROSINE see: YP2625000
m-FLUOROTYROSINE see: YP2625000
omega-FLUOROUNDECANOIC ACID see: YQ2450000
11-FLUOROUNDECANOIC ACID see: YQ2450000
FLUOROURACIL see: YR0350000
5-FLUOROURACIL see: YR0350000
5-FLUOROURACIL mixed with APHIDICOLIN see: YR0365000
5-FLUOROURACIL DEOXYRIBOSIDE see: YU7525000
5-FLUOROURACIL 2'-DEOXYRIBOSIDE see: YU7525000
5-FLUOROURACIL O-beta-D-GLUCURONIDE see: LZ6501000
5-FLUOROURIDINE see: YU8050000
FLUOKOWODOR (Polish) see: MW7875000
FLUOROXENE see: KO4250000
4-FLUORPHENYL-1-ISOPROPYL-7-METHYL-2(1H)-CHINAZOLINON (German) see: VA3401000
FLUORSPAR see: EW1760000
FLUORTHYRIN see: YP2625000
3-FLUORTYROSIN (German) see: YP2625000
5-FLUORURACIL (German) see: YR0350000
FLUORURE DE BORE (French) see: ED2275000
FLUORURE DE N,N'-DIISOPROPYLE PHOSPHORODIAMIDE (French) see: TD3675000
FLUORURE DE POTASSIUM (French) see: TT0700000
FLUORURE DE SODIUM (French) see: WB0350000
FLUORURE DE SULFURYLE (French) see: WT5075000
FLUORURE DE N,N,N',N'-TETRAMETHYLE PHOSPHORO-DIAMIDE (French) see: TD4025000
FLUORURE DE THIONYLE (French) see: XM5425000
FLUORURES ACIDE (French) see: LM6475000
FLUORURI ACIDI (Italian) see: LM6475000
FLUORWASSERSTOFF (German) see: MW7875000
FLUORWATERSTOF (Dutch) see: MW7875000
FLUORXENE see: KO4250000
FLUORYL see: PB6900000
FLUOSILICATE DE AMMONIUM (French) see: GQ9450000
FLUOSILICATE DE MAGNESIUM (French) see: VV8575000
FLUOSILICATE DE SODIUM see: VV8410000
FLUOSILICIC ACID see: VV8225000
FLUOSTIGMINE see: TE5075000
FLUOSULFONIC ACID see: LP0715000
FLUOSULFONIC ACID (DOT) see: LP0715000
FLUOTESTIN see: BV8390000
FLUOTHANE see: KH6550000
FLUOTHIURON see: YS4727000
FLUOTITANATE DE POTASSIUM (French) see: TT1575000
5-FLUOURACIL N-GLUCURONIDE see: LZ6572600
FLUOVITIF see: TU3830000
FLUOXIMESTERONE see: BV8390000
FLUOXYMESTERONE see: BV8390000
FLUOXYMESTRONE see: BV8390000
FLUOXYPREDNISOLONE see: TU3850000
FLUPENTIXOL DIHYDROCHLORIDE see: XO0740000
FLUPENTIXOL HYDROCHLORIDE see: XO0740000
FLUPHENAMIC ACID see: CB4375000
FLUPHENAZINE see: TL9730000
FLUPROFYLLINE see: XH5624500
FLUPROQUAZONE see: VA3401000
FLUPROSTENOL see: MJ9670000
FLURA see: WB0350000
FLURACIL see: YR0350000
FLURA DROPS see: WB0350000
FLURA-GEL see: WB0350000
FLURA-LOZ see: WB0350000
FLURAZEPAM see: DF2368050
FLURAZEPAM DIHYDROCHLORIDE see: DF0875000
FLURAZEPAM HYDROCHLORIDE see: DF0875000
FLURAZEPAM MONOHYDROCHLORIDE see: DF0880000 2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1-(2-(DIETHYLAMINO)ETHYL)-5-(2-FLUOROPHENYL)-1,3- DIHYDRO-, MONOHYDROCHLORIDE
FLURBIPROFEN see: DU8341000
FLURCARE see: WB0350000
FLURFAMIDE see: CV3458100
FLURIL see: YR0350000
FLUROFAMIDA (Spanish) see: CV3458100
FLUROGESTONE ACETATE see: TU5024000
FLUROXENE see: KO4250000
FLURSOL see: WB0350000
FLUSTERON see: BV8390000
FLUTAMIDE see: UG5700000
FLUTAZOLAM see: RQ5831400
FLUTED PUMPKIN, leaf extract see: WY2210000
FLUTED PUMPKIN, root extract see: WY2211000
FLUTESTOS see: BV8390000
FLUTONE see: TU3920000
FLUTRA see: DK8925000
FLUVALINATE see: YV9397100
FLUVET see: TU3832000
FLUVIN see: DK9100000
FLUXEMA see: UK9450000

LP4201500 FLY ASH, from OIL SHALE

UPDT:8305
SYN: OIL SHALE FLY ASH

MUTATION DATA AND REFERENCES:

	mmo-sat 100 mg/plate	NTIS** LMF-84
	mmo-sat 100 mg/plate	NTIS** LMF-84

FLY BAIT GRITS see: LZ9450000
FLY-DIE see: TC0350000
FLY FIGHTER see: TC0350000
FLYPEL see: XS3675000
FM 100 see: OI3370000
FM 510 see: TQ3325000
FMA see: OV6475000
F 4MB see: KX4025000
FMC 249 see: GZ1925000
FMC-1240 see: TE4550000
FMC 5273 see: XS8050000
FMC 5462 see: RB9275000
FMC 5488 see: WR5850000
FMC 9044 see: GQ5600000
FMC-9102 see: TR6250000
FMC-9260 see: GZ1730000
FMC 10242 see: FB9450000
FMC 10559 see: FB5700000
FMC 10586 see: FB9700000
FMC . .092 see: EY9980000
FMC 11637 see: FC0875000
FMC-16388 see: TA0400000
FMC 17370 see: GZ1310000
FMC 33297 see: GZ1255000
FMC 35001 see: EZ3815000
FMC 41655 see: GZ1255000
FMC 45498 see: GZ1233000
FM-NTS see: QW0970000
FN 3 see: KX4025000
FN 20 see: AT6978000
FN 25 see: AT6978000
4-F-3NA see: BY1700000
FNT see: LQ9275000
FOBEX see: DD2800000

LP4361600 FOENICULUM VULGARS Mill., fruit extract

DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	IJEBA6 18,594,80

LP4365000 FOIN ABSOLUTE

UPDT:8305 CAS: 8031-00-3
SYN: FOIN COUPE * HAY ABSOLUTE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	FCTXAV 14,777,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FOIN COUPE see: LP4365000
FOLACIN see: LP5425000
FOLAN RED B see: QJ6475500
FOLATE see: LP5425000
FOLBEX see: DD2275000
FOLBEX SMOKE-STRIPS see: DD2275000
FOLCID see: GW4900000
FOLCODINE see: QD1575000
FOLCYSTEINE see: LP5425000
FOLEX see: TG5600000
FOLIANDRIN see: FH4585000

LP5425000 FOLIC ACID

UPDT:8406 CAS: 59-30-3 MW: 441.45 MOLFM: C19-H19-N7-O6
SYN: FOLACIN * FOLATE * FOLCYSTEINE * GLUTAMIC ACID, N-(p-(((2-AMINO-4-HYDROXY-6-PTERIDINYL)METHYL)AMINO)BENZOYL)-, L- * GLUTAMIC ACID, N-(p-(((2-AMINO-4-HYDROXYPYRIMIDO(4,5-b)PYRAZIN-6-YL)METHYL)AMINO)BENZOYL)-, L * GLUTAMIC ACID, PTEROYL-, L- * NSC 3073 * PTEGLU * 4-PTERIDINOL, 2-AMINO-6-((p-((1,3-DICARBOXYPROPYL)CARBAMOYL)ANILINO)METHYL)- * PTEROYLGLUTAMIC ACID * PTEROYL-L-GLUTAMIC ACID * PTEROYLMONOGLUTAMIC ACID * PTEROYL-L-MONOGLUTAMIC ACID * USAF CB-13 * VITAMIN Bc * VITAMIN M

MUTATION DATA AND REFERENCES:

	dns-rat-ipr 150 mg/kg	CNREA8 29,136,69
	dns-mus-scu 150 mg/kg	LIFSAK 14,1541,74
	dns-mus-ipr 250 mg/kg	CNREA8 29,136,69

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T33	par-rat TDLo:150 mg/kg (10D preg)	FEPRA7 23,292,64

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:500 mg/kg	NIIRDN 6,869,82
	ipr-mus LD50:100 mg/kg	NTIS** AD277-689
	ivn-mus LD50:239 mg/kg	TXAPA9 23,537,72
*	ivn-rbt LD50:410 mg/kg	NIIRDN 6,869,82
*	ivn-gpg LD50:120 mg/kg	NIIRDN 6,869,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FOLIC ACID, 4-AMINO- see: MA1050000

LP5650000 FOLIC ACID, METHYL-

UPDT:8408 MW: 439.48 MOLFM: C20-H21-N7-O5

BEST COPY AVAILABLE

SYN: ACIDE x-METHYLFOLIQUE (French) * x-METHYLFOLIC ACID * x-METHYLPTEROYLGLUTAMIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T42T43T45	orl-rat TDLo:500 mg/kg (10-11D preg)	AFPEAM 16,509,59
1T25	orl-rat TDLo:5 gm/kg (1-20D preg)	JONUAI 38,11,49
1T55	orl-mus TDLo:4 gm/kg (6-9D preg)	AFPEAM 16,509,59
3T25T27T41	orl-mus TDLo:3 gm/kg (6-10D preg)	CRSBAW 151,1855,57
3T42T43T45	orl-mus TDLo:3 gm/kg (6-10D preg)	CRSBAW 151,1855,57
3T27T41T42	orl-mus TDLo:2400 mg/kg (6-9D preg)	COREAF 245,1963,57
3T43T46T55	orl-mus TDLo:2400 mg/kg (6-9D preg)	COREAF 245,1963,57
3T42T43T45	orl-cat TDLo:900 mg/kg (5-11D preg)	AFPEAM 16,509,59
1T46	orl-cat TDLo:900 mg/kg (5-11D preg)	AFPEAM 16,509,59

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FOLIDOL see: TF4550000
FOLIDOL-80 see: TG0175000
FOLIDOL E605 see: TF4550000
FOLIDOL E & E 605 see: TF4550000
FOLIDOL M see: TG0175000
FOLIGAN see: UR0785000
FOLIKRIN see: KG8575000
FOLIMAT see: TF8050000

LP5970000 FOLIMYCIN

DEF:An antibiotic produced by S. NEYAGAWAENSIS (85FZAT -,295,67)
UPDT:8308

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:23 mg/kg	85FZAT -,295,67
*	ipr-mus LD50:360 ug/kg	85FZAT -,295,67

FOLINERIN see: FH4585000
FOLINEVIN see: FH4585000
FOLIONE see: RI2735000
FOLIPEX see: KG8575000
FOLISAN see: KG8575000
FOLITHION see: TG0350000
FOLLESTRINE see: KG8575000

LP6330000 FOLLICLE-STIMULATING HORMONE

UPDT:8408 CAS: 9002-68-0

SYN: ANTHROGON * FOLLITROPIN * FSH * FSH-P * GONAD STIMULATING FACTOR * HEBIN * LUTEOANTINE * MENOTROPHIN * MENOTROPINS * PROLAN B * THYLAKENTRIN * URINARY HEBIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	scu-rat TDLo:2 mg/kg (2D pre)	SCIEAS 204,854,79
1T29	scu-rat TDLo:25 gm/kg (1-10D preg)	JPETAB 49,146,33
1T12	ice-rat TDLo:625 ug/kg (4-9D preg)	ENDOAO 83,1273,68
1T02	par-rat TDLo:24 gm/kg (6D male)	ANREAK 65,261,36

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FOLLICORMON see: KG4050000

LP6349000 FOLLICULAR FLUID, PORCINE

UPDT:8402
SYN: PORCINE FOLLICULAR FLUID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T19T29	scu-mky TDLo:4 gm/kg (3D pre)	JCEMAZ 51,669,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LP6350000 FOLLICULAR FLUID, PORCINE, retentate

DEF:The porcine follicular fluid preparation has a molecular weight greater than 10,000 andis charcoal treated (CCPTAY 26,617,82)
UPDT:8401
SYN: PPF, retentate * PORCINE FOLLICULAR FLUID, retentate

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T14T29	ipr-rat TDLo:3 gm/kg (2D pre)	CCPTAY 26,617,82
1T24	ipr-rat TDLo:5 gm/kg (2D pre)	CCPTAY 26,617,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FOLLICULAR HORMONE see: KG8575000
FOLLICULAR HORMONE HYDRATE see: KG8225000
FOLLICULIN see: KG8575000
FOLLICULINE see: KG8575000
FOLLICULINE BENZOATE see: KG8575000
FOLLICUNODIS see: KG8575000
FOLLICYCLIN P see: KG4725000
FOLLIDIENE see: SL0580000
FOLLIDIENE see: WJ5600000
FOLLIDRIN see: KG4050000
FOLLIDRIN see: KG8575000
FOLLINYL see: JF8300000
FOLLITROPIN see: LP6330000
FOLLORMON see: SL0580000
FOLLUTEIN see: MD6953000
FOLOGENON see: TW0175000
FOLOSAN see: DA6650000
FOLOSAN see: DC0175000
FOLOSAN DB-905 FUMITE see: DB9625000
FOLPAN see: TI5685000
FOLPET see: TI5685000
FOLSAN see: DB9625000
FOMAC see: SM0700000
FOMAC 2 see: DA6650000
FOMINOBEN HYDROCHLORIDE see: DM0450000
FOM-Na see: SZ7902000
FOMOCAIN see: QE8480000
FOMOCAINE see: QE8480000
p-FOMOCAINE see: QE8480000
FONATOL see: WJ5600000
FONDAREN see: FC1030000
FONGARID see: AY6320000
FONLIPOL see: KK2547000
FONOFOS see: TA5950000
FONOLINE see: PY8030000
FONOPHOS see: TA5950000 PHOSPHONODITHIOIC ACID, ETHYL-, O-ETHYL S-PHENYL ESTER
FONTARSAN see: SJ5600000
FONTARSOL see: SJ5775000
FONTEGO see: DG4910000
FONTILIZ see: XK6360000
FONURIT see: AC8225000
FONZYLANE see: EL9900000
FOOD BLUE 2 see: BQ4725000
FOOD BLUE 2 see: DU3000000
FOOD BLUE 3 see: BP6830000
FOOD BLUE DYE NO. 1 see: BQ4725000
FOODCOL SUNSET YELLOW FCF see: QK2450000
FOOD DYE RED No. 104 see: LM5820000
FOOD DYE RED No. 104 see: LM5900000
FOOD GREEN 1 see: BQ4375000
FOOD GREEN 2 see: BQ4900000
FOOD GREEN 3 see: BQ4425000
FOOD OF THE GODS see: CI5625000
FOOD RED 2 see: QJ6550000
FOOD RED 4 see: QK2705000
FOOD RED 5 see: QK1925000
FOOD RED 6 see: QJ6530000
FOOD RED 7 see: QJ6530000
FOOD RED 9 see: QJ6550000
FOOD RED 15 see: BP3675000
FOOD RED COLOR No. 105, SODIUM SALT see: LM5920000
FOOD RED NO. 101 see: QJ6825000
FOOD RED No. 102 see: QJ6530000
FOOD RED No. 104 see: LM5900000
FOOD RED No. 105, SODIUM SALT see: LM5920000
FOOD VIOLET 2 see: BQ1140000
FOOD YELLOW 3 see: QK2450000
FOOD YELLOW 4 see: UQ6400000
FOOD YELLOW 5 see: UQ6400000
FOOD YELLOW 6 see: QK2450000
FOOD YELLOW NO. 4 see: UQ6400000
FOPIRTOLINA (Spanish) see: QE0490000 MORPHOLINE, 4-[2-[(6-CHLORO-2-PYRIDYL)THIO]ETHYL]-,MONOHYDROCHLORIDE
FOPIRTOLINE HYDROCHLORIDE see: QE0490000 MORPHOLINE, 4-[2-[(6-CHLORO-2-PYRIDYL)THIO]ETHYL]-, MONOHYDROCHLORIDE
FOPURIN see: SZ5827000
FOPURINE see: SZ5827000
FORAAT (Dutch) see: TD9450000
FORDHURAN see: DG4910000
FORE see: ZB3200000
FOREDEX 75 see: AG6825000
FORMISTAL MALEATE see: UT0830000
FORIOD see: SM8400000
FORIT see: NL7170000
FORLEX see: TX9665000
FORLIN see: GV4900000
FORMAGENE see: RV0540000
FORMAL see: PA8750000
FORMAL see: WM8400000
FORMALDEHYD (Czech, Polish) see: LP8925000

LP8925000 FORMALDEHYDE

UPDT:8412 CAS: 50-00-0 MW: 30.03 MOLFM: C-H2-O

SYN: ALDEHYDE FORMIQUE (French) * ALDEIDE FORMICA (Italian) * BFV * FA * FANNOFORM * FORMALDEHYD (Czech, Polish) * FORMALDEHYDE solution (DOT) * FORMALIN * FORMALIN 40 * FORMALINA (Italian) * FORMALIN (DOT) * FORMALINE (German) * FORMALIN-LOESUNGEN (German) * FORMALITH * FORMIC ALDEHYDE * FORMOL * FYDE * HOCH * IVALON * KARSAN * LYSOFORM * METHANAL * METHYL ALDEHYDE * METHYLENE GLYCOL * METHYLENE OXIDE * MORBICID * NCI-C02799 * OPLOSSINGEN (Dutch) * OXOMETHANE * OXYMETHYLENE * PARAFORM * POLYOXYMETHYLENE GLYCOLS * RCRA WASTE NUMBER U122 * SUPERLYSOFORM * UN 1198 (DOT) * UN 2209 (DOT)

IRRITATION DATA AND REFERENCES:

skn-hmn 150 ug/3D-I MLD	85DKA8 -,127,77
eye-hmn 4 ppm/5M	IAPWAR 4,79,61
eye-hmn 1 ppm/6M rse MLD	AIHAAP 44,463,83
skn-rbt 540 mg open MLD	UCDS** 4/21/67
skn-rbt 50 mg/24H MOD	TXAPA9 21,369,72
eye-rbt 750 ug SEV	AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:

mmo-sat 10 uL/plate	ANYAA9 76,475,58
mmo-esc 100 ppm/3H	AMNTA4 85,119,51
dnr-esc 1950 ug/L	CRNGDP 2,189,81
dnd-esc 5 ppm	MUREAV 89,95,81
mmo-srm 5 gm/L	ATXKA8 28,93,71
mmo-omi 1 pph/5M-C	MMAPAP 49,205,73
mmo-omi 10 ppm	POASAD 34,114,53
mmo-omi 200 ppm	APMBAY 6,45,58
mmo-omi 1000 ppm	JOBAAY 63,1,52
mmo-omi 250 ppm	SOGEBZ 8,412,72
mmo-omi 1 pph/15M	MUREAV 7,19,69
mmo-omi 200 umol/l	MUREAV 62,239,79
sln-dmg-unk 10 pph/3H-C	AMNTA4 90,377,56
sln-dmg-ihl 7 pph/24H	THAGA6 39,330,69
sln-dmg-orl 250 ppm	THAGA6 39,330,69
sln-dmg-par 3000 ppm	AMNTA4 86,330,52
dlt-dmg-orl 1300 ppm	MGGEAE 106,286 70
mmo-nsc 10 mmol/plate	CSHSAZ 16,245,52
mrc-smc 24 mmol/L	MUREAV 33,179,75
sln-asn 20 mg/L	EVHPAZ 31,81,79
slt-nml-unk 700 ppm	MUREAV 80,773,81
oms-nml:ath 40 mmol/L	CAANAT 56,712,72
oms-nml:ath 25 mmol/L	ECREAL 95,233,75
oms-nml:ath 25 mmol/L	ECREAL 95,233,75
oms-nml:ath 25 mmol/L	ECREAL 95,233,75
cyt-nml:ath 40 mmol/L	CAANAT 56,712,72
cyt-grh:ath 1 mmol/L	ENMUDM 6,441,84
dnd-hmn:fbr 800 umol/L	CNREA8 42,145,82
dnd-hmn:lng 100 umol/L	SCIEAS 220,216,83
dnd-hmn:ath 800 umol/L	BANRDU 12,121,82
dns-hmn:hla 10 mmol/L	CNREA8 38,2621,78
oms-hmn:lym 10 mg/L	TSITAQ 24,1056,82
cyt-hmn:lym 10 mg/L	TSITAQ 24,1056,82
cyt-hmn:fbr 2 mmol/L	MUREAV 119,309,83
sce-hmn:lym 37 pph	DADEDV 4,91,79
msc-hmn:lym 150 umol/L	MUREAV 116,417,83
dnd-rat-ihl 35 ug/m3/8W-I	PRKHDK 4,101,79
dnd-rat-orl 10 umol/kg	ENMUDM 4,317,82
otr-mus:emb 1 mg/L	ENMUDM 4,357,82
dnd-mus:leu 125 umol/L	JJIND8 67,217,81
cyt-mus-orl 100 mg/kg	ENMUDM 4,317,82
cyt-mus-ipr 15 mg/kg	ENMUDM 5,381,83
otr-ham:kdy 4 mg/L	CRNGDP 4,457,83
pic-ham:emb 3 ul/L	ENMUDM 6,474,84
cyt-ham:lng 18 mg/L	GMCRDC 27,95,81
cyt-ham:ovr 6 mg/L	MUREAV 122,355,83
sce-ham:ovr 12 mg/L	MUREAV 122,355,83

BEST COPY AVAILABLE

dnd-ckn:leu 500 ppm — CELLB5 5,45,75
dnd-mam:lym 500 ppm — MOLBBJ 7,201,73
dnd-mam:lym 660 mmol/L — BIORAK 39,436,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01 orl-rat TDLo:200 mg/kg (1D male) — TJADAB 26(3),14A,82
1T33 ihl-rat TCLo:1 mg/m3/24H (1-22D preg) — HYSAAV 34(5),266,69
2T81T87 ihl-rat TCLo:12 ug/m3/24H (15D pre/1-22D preg) — HYSAAV 33(1-3),327,68
1T83 ihl-rat TCLo:12 ug/m3/24H (1-22D preg) — HYSAAV 33(7),112,68
2T01T09 ihl-rat TCLo:35 ug/m3/8H (60D male) — PRKHDK 4,101,79
1T83 ihl-rat TCLo:12 ug/m3/24H (20D pre/1-22D preg) — BEXBAN 66,868,68
1T85 ihl-rat TCLo:50 ug/m3/4H (1-19D preg) — TPKVAL 12,78,71
1T02 scu-rat TDLo:46243 mg/kg (20D male) — ENDOAO 28,129,41
1T23 itt-rat TDLo:400 mg/kg (1D male) — FESTAS 24,884,73
3T34T43T46 ipr-mus TDLo:240 mg/kg (7-14D preg) — TJADAB 28,37A,83
1T35 ipr-mus TDLo:240 mg/kg (7-14D preg) — TJADAB 30(1),34A,84
1T59 ipr-mus TDLo:160 mg/kg (7-14D preg) — TJADAB 30(1),34A,84
2T25T35 ims-mus TDLo:259 mg/kg (11D preg) — ANREAK 142,479,62
1T02 itt-dog TDLo:7 mg/kg (1D male) — AEFTAA 6,349,75
1T01 itt-mky TDLo:4 mg/kg (1D male) — FESTAS 41,465,84
2T01T02 itt-dom TDLo:6667 ug/kg (1D male) — IJEBA6 11,143,73

TUMORIGENIC DATA AND REFERENCES:

2V01D09 ihl-rat TCLo:14300 ppb/6H/2Y-I — CNREA8 43,4382,83
2V03V10 scu-rat TDLo:1170 mg/kg/65W-I — GANNA2 45,451,54
2V03D09 ihl-mus TCLo:14300 ppb/6H/2Y-I — CNREA8 43,4382,83
2V01D09 ihl-rat TC :15 ppm/6H/78W-I — CNREA8 40,3398,80
3V03R60V10 scu-rat TD :350 mg/kg/78W-I — FAONAU 50A,77,72
2V03D09 ihl-rat TC :6 ppm/6H/2Y-I — EVSRBT 25,353,82
3V03D09D02 ihl-rat TC :15 ppm/6H/77W-I — PESTC* 8,13,80
2V01D09 ihl-rat TC :14 ppm/6H/84W-I — JJIND8 68,597,82
2V03D09 ihl-rat TC :18750 ug/m3/2Y-I — GISAAA 48(4),60,83
2V03D09 ihl-mus TC :15 ppm/6H/104W-I — EVSRBT 25,353,82
2V01D09 ihl-rat TC :15 ppm/6H/2Y-I — CIIT** DOCKET #10992,82
2V03D09 ihl-rat TC :5600 ppb/6H/2Y-I — CNREA8 43,4382,83
2V03D09 ihl-rat TC :14300 ppb/6H/2Y-I — 50EXAK -,111,83

TOXICITY DATA AND REFERENCES:

orl-wmn LDLo:36 mg/kg — 29ZWAE -,328,68
3D35J30R03 ihl-hmn TCLo:8 ppm — LANCAO 1,1099,81
2D17J30 ihl-hmn TCLo:17 mg/m3/30M — JAMAAP 165,1908,57
2D07F43 ihl-man TCLo:300 ug/m3/10M — GTPZAB 12(7),20,68
unk-man LDLo:477 mg/kg — 85DCAI 2,73,70
orl-rat LD50:800 mg/kg — JIHTAB 23,259,41
* ihl-rat LC50:590 mg/m3 — GISAAA 41(6),103,76
2J15J04 scu-rat LD50:420 mg/kg — APTOA6 6,299,50
ivn-rat LD50:87 mg/kg — AEPPAE 221,166,54
3F07F12F13 orl-mus LD50:42 mg/kg — NTIS** AD-A125-539
ihl-mus LCLo:900 mg/m3/2H — JNCIAM 30,31,63
ipr-mus LDLo:16 mg/kg — TXAPA9 23,288,72
2J15J04 scu-mus LD50:300 mg/kg — APTOA6 6,299,50
scu-dog LDLo:550 mg/kg — AIPTAK 17,147,07
* ihl-cat LCLo:820 mg/m3/8H — APTOA6 6,299,50
skn-rbt LD50:270 mg/kg — UCDS** 4/21/67
scu-rbt LDLo:240 mg/kg — JAMAAP 62,984,14
orl-gpg LD50:260 mg/kg — JIHTAB 23,259,41
* ihl-mam LC50:92 mg/m3 — GTPZAB 19(8),37,75

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EVHPAZ 11,163,75; CMTVAS 10(3),49,73; 32XPAD -,49,75
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 29,345,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE — IARC** 29,345,82
★ TLV-CL 1 ppm — DTLVS* 4,197,82
★ TLV-SUSPECTED CARCINOGEN — DTLVS* 4,197,82

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 3 ppm;CI 5;Pk 10/30M/8H (SCP-V) — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO FORMALDEHYDE recm std-air:CL 1.2 mg/m3/30M — NTIS**

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' se... METHODS 2502, 3500 and 3501
★ NIOSH CURRENT INTELLIGENCE BULLETIN 34, APRIL 1981
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1079-0314
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FORMALDEHYDE BIS(beta-CHLOROETHYL)ACETAL see: PA3675000
FORMALDEHYDE COPOLYMER with UREA see: YU1610000
FORMALDEHYDE DIMETHYLACETAL see: PA8750000
FORMALDEHYDE solution (DOT) see: LP8925000

LP9470000 FORMALDEHYDE, mixt. with GUAIACOL

UPDT:8411 CAS: 73208-73-8 MW: 154.18 MOLFM: C7-H8-O2 C-H2-O
SYN: FORMALDEHYDE, mixt. with 2-METHOXYPHENOL (9CI) * FORMALIN GUAIACOL * GUAIACOL mixt. with FORMALDEHYDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:996 mg/kg — SHKKAN 21,348,79

FORMALDEHYDE HYDROSULFITE see: PB0380000
FORMALDEHYDE, mixt. with 2-METHOXYPHENOL (9CI) see: LP9470000

LP9630000 FORMALDEHYDE, mixt. with METHYLPHENOL

UPDT:8411 CAS: 37203-87-5 MW: 138.18 MOLFM: C7-H8-O C-H2-O
SYN: FORMOCRESOL * METHYLPHENOL mixt. with FORMALDEHYDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:909 mg/kg — SHGKA3 79,2437,79

LP9800000 FORMALDEHYDE, SELENO-

UPDT:7901 CAS: 6596-50-5 MW: 92.99 MOLFM: C-H2 Se

TOXICITY DATA AND REFERENCES:

ipr-rat LDLo:250 mg/kg — NCNSA6 5,40,53

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3 — DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) — FEREAC 39,23540,74

FORMALDEHYDE SODIUM BISULFITE ADDUCT see: PB0380000
FORMALDEHYDE SODIUM SULFOXYLATE see: PB0380000
FORMALDEHYDESULFOXYLIC ACID SODIUM SALT see: PB0380000
FORMALDEHYDE mixed with 12-O-TETRADECANOYL PHORBOL-13-ACETATE see: QH4376400
FORMALDEHYDE-UREA CONDENSATE see: YU1610000
FORMALDEHYDE-UREA COPOLYMER see: YU1610000
FORMALDEHYDE-UREA POLYMER see: YU1610000
FORMALDEHYDE-UREA PRECONDENSATE see: YU1610000
FORMALDEHYDE-UREA PREPOLYMER see: YU1610000
FORMALDEHYDE-UREA RESIN see: YU1610000
FORMAL GLYCOL see: JH6760000
FORMAL HYDRAZINE see: LQ8615000
FORMALIN see: LP8925000
FORMALIN 40 see: LP8925000
FORMALINA (Italian) see: LP8925000
FORMALIN (DOT) see: LP8925000
FORMALINE (German) see: LP8925000
FORMALINE BLACK C see: QJ6160000
FORMALIN GUAIACOL see: LP9470000
FORMALIN-LOESUNGEN (German) see: LP8925000
FORMALIN-UREA COPOLYMER see: YU1610000
FORMALITH see: LP8925000

LQ0525000 FORMAMIDE

UPDT:8408 CAS: 75-12-7 MW: 45.05 MOLFM: C-H3-N-O
SYN: CARBAMALDEHYDE * METHANAMIDE

IRRITATION DATA AND REFERENCES:

eye-rbt 23 mg — AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:

oms-nml:oth 500 mmol/L — CAANAT 56,712,72
cyt-nml:oth 500 mmol/L — CAANAT 56,712,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34 orl-rat TDLo:2 gm/kg (7D preg) — 85DJA5 -,95,71
2T43T46 orl-rat TDLo:7980 mg/kg (7-12D preg) — 85DJA5 -,95,71
1T35 skn-rat TDLo:1200 mg/kg (10-11D preg) — TXAPA9 41,35,77
3T26T34T59 orl-rbt TDLo:607 mg/kg (6-18D preg) — ARZNAD 30,1557,80

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:6000 mg/kg — JRPFA4 4,219,62
* ipr-rat LD50:5700 mg/kg — TXAPA9 26,596,73
* orl-mus LD50:3150 mg/kg — 85GMAT -,70,82
* ipr-rat LD50:4600 mg/kg — TXAPA9 26,596,73
ivn-dog LDLo:1500 mg/kg — HBAMAK 4,1289,35
* skn-rbt LDLo:6 mg/kg — PJPPAA 32,223,80
* ipr-gpg LD50:1250 mg/kg — 85GMAT -,70,82
scu-frg LDLo:30 mg/kg — HBAMAK 4,1289,35

REVIEW AND REFERENCES:

★ TLV-TWA 20 ppm; STEL 30 ppm — DTLVS* 4,199,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ0694000 FORMAMIDE, N-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-N-(4-HYDROXY-2-((HYDROXYMETHYL)THIO)-1- METHYL-1-BUTENYL)-, 9' BENZOATE

UPDT:8312 MW: 416.54 MOLFM: C20-H24-N4-O4-S
SYN: BENZOYLOXYMETHYL-THIAMINE * BT 851

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:70 mg/kg — BCFAAI 122,27,83

LQ0699000 FORMAMIDE, N-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-N-(4-HYDROXY-1-METHYL-2- (PROPYLDITHIO)-1-BUTENYL)-

UPDT:8309 CAS: 59-58-5 MW: 356.55 MOLFM: C15-H24-N4-O2-S2
SYN: ALINAMIN * ALITON * ARINAMINE * DITHIOPROPYLTHIAMINE * NERVILON * NEURVITA * NEVRITON * NUVELBI V.C.A. * PROSULTHIAMINE * PROSULTIAMINE * THIAMINE PROPYL DISULFIDE * THIAMIN PROPYL DISULFIDE * TIOTIAMINA * TIOVIT-B(sub 1) * TIPIDI * TPD * VITAMIN B(sub 1) PROPYL DISULFIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2750 mg/kg — NIIRDN 6,724,82
* ipr-mus LD50:650 mg/kg — NIIRDN 6,724,82
* ivn-mus LD50:320 mg/kg — NIIRDN 6,724,82

LQ0750000 FORMAMIDE, N-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-N-(4-HYDROXY-1-METHYL-2- ((TETRAHYDROFURFURYL)DITHIO)-1-BUTENYL)-

UPDT:8309 CAS: 804-30-8 MW: 398.59 MOLFM: C17-H26-N4-O3-S2
SYN: ADVENTAN * ALINAMIN F * DITEFTIN * FURSULTIAMIN * FURSULTIAMINE * JUDOLOR * LINAMIN * RETAR-B(sub 1) * THIAMINE TETRAHYDROFURFURYL DISULFIDE * TTFD

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2200 mg/kg — NIIRDN 6,699,82
* ipr-mus LD50:540 mg/kg — TAKHAA 30,242,71
* ivn-mus LD50:430 mg/kg — NIIRDN 6,699,82

FORMAMIDE, 1-(1-AZIRIDINYL)-N-(m-CHLOROPHENYL)- see: CM6750000
FORMAMIDE, 1-(1-AZIRIDINYL)-N-(p-METHOXYPHENYL)- see: CM6770000

LQ1040000 FORMAMIDE, 1,1'-AZOBIS-

UPDT:8412 CAS: 123-77-3 MW: 116.10 MOLFM: C2-H4-N4-O2
SYN: 1,1'-AZOBISCARBAMIDE * AZOBISCARBONAMIDE * AZOBISCARBOXAMIDE * 1,1'-AZOBIS(FORMAMIDE) * AZODICARBAMIDE * AZODICARBOAMIDE * AZODICARBONAMIDE * AZODICARBOXAMIDE * AZODICARBOXYLIC ACID DIAMIDE * delta(1,1')-BIUREA * CELOSEN AZ * ChKhZ 21 * ChKhZ 21R * DIAZENEDICARBOXAMIDE * GENITRON AC * GENITRON AC 2 * GENITRON AC 4 * KEMPORE * KEMPORE 125 * KEMPORE R 125 * LUCEL ADA * NCI-C55981 * NITROPORE * PINHOLE AK 2 * POROFOR 505 * POROFOR ADC/R * POROFOR ChKhZ 21 * POROFOR ChKhZ 21R * UNIFOAM AZ * UNIFORM AZ * YUNIHOMU AZ

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

LQ2100000 FORMAMIDE, N,N-DIMETHYL-

UPDT:8412 CAS: 68-12-2 MW: 73.11 MOLFM: C3-H7-N-O
SYN: DIMETHYLFORMAMID (German) * DIMETHYL FORMAMIDE * N,N-DIMETHYL FORMAMIDE * N,N-DIMETHYLFORMAMIDE (DOT) * DIMETILFORMAMIDE (Italian) * DIMETYLFORMAMIDU (Czech) * DMF * DMFA * DIMETYLOFORMAMID (Polish) * N-FORMYLDIMETHYLAMINE * NCI-C60913 * NSC 5336 * U-4224 * UN 2265 (DOT)

IRRITATION DATA AND REFERENCES:

skn-hmn 100%/24H MLD — BJIMAG 13,51,56
skn-rbt 10 mg/24H open — JIHTAB 30,63,48
eye-rbt 20 mg open — JIHTAB 30,63,48

MUTATION DATA AND REFERENCES:

mma-sat 600 ug/plate — PMRSDJ 1,343,81
dnr-smc 300 mg/L — PMRSDJ 1,502,81
sln-smc 25 mg/L — PMRSDJ 1,468,81
cyt-hmn:lym 100 nmol/L — CHPUA4 31,548,81
dlt-rat-ihl 10700 ug/m3 — TPKVAL 15,21,79
cyt-mus-ipr 40 umol/kg — CHPUA4 31,548,81
hma-mus/sat 4250 ug/kg — CHPUA4 31,548,91

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T24T34T35 ihl-rat TCLo:4 mg/m3/4H (1-19D preg) — TPKVAL 14,32,75
1T85 ihl-rat TCLo:600 mg/m3/24H (1-19D preg) — TPKVAL 13,75,73
1T35 skn-rat TDLo:3600 mg/kg (11-13D preg) — TXAPA9 41,35,77
2T25T34 ipr-mus TDLo:2100 mg/kg (11D preg) — DEGEA3 30,455,75
3T46T43T59 ipr-mus TDLo:15120 mg/kg (1-14D preg) — DEGEA3 30,455,75

BEST COPY AVAILABLE

2T24T26 orl-rbt TDLo:418 mg/kg (6-18D preg) ARZNAD 30,1557,80
2T34T59 orl-rbt TDLo:1228 mg/kg (6-18D preg) ARZNAD 30,1557,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2800 mg/kg ZERBAI 69,103,67
skn-rat LD50:5 gm/kg ARZNAD 15,618,65
ipr-rat LD50:1400 mg/kg BJIMAG 13,51,56
scu-rat LDLo:1000 mg/kg TPKVAL 1,54,61
ivn-rat LD50:2000 mg/kg ZERBAI 69,103,67
orl-mus LD50:3750 mg/kg TPKVAL 1,54,61
ihl-mus LC50:9400 mg/m3/2H TPKVAL 1,54,61
ipr-mus LD50:650 mg/kg CNCRA6 30,9,63
scu-mus LD50:4300 mg/kg ARZNAD 15,618,65
* ivn-mus LD50:3500 mg/kg ARZNAD 26,1581,76
ims-mus LD50:3800 mg/kg ARZNAD 15,618,65
ivn-dog LD50:470 mg/kg ARZNAD 15,618,65
ipr-rat LD50:500 mg/kg BJIMAG 13,51,56
* skn-rbt LD50:4720 mg/kg AIHAAP 30,470,69
ipr-rbt LD50:1000 mg/kg BJIMAG 13,51,56
ivn-rbt LD50:1800 mg/kg ARZNAD 15,618,65
1L03 ipr-gpig LDLo:4000 mg/kg AIHAAP 35,217,74
ivn-gpg LD50:1030 mg/kg ARZNAD 15,618,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CMTVAS 10(3),49,73
★ TLV-TWA 10 ppm; STEL 20 ppm (skin) DTLVS° 4,147,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ppm (skin) (SCP-R) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S253
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1983
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FORMAMIDE, 1,1'-DITHIOBIS(N,N-DIETHYLTHIO- see: JO1225000
FORMAMIDE, 1,1'-DITHIOBIS(N,N-DIMETHYLTHIO- see: JO1400000

LQ2975000 FORMAMIDE, N-FLUOREN-2-YL-
UPDT:8401 CAS: 6957-71-7 MW: 209.26 MOLFM: C14-H11-N-O
SYN: N-FLUOREN-2-YLFORMAMIDE * N,2-FLUORENYLFORMAMIDE * 2-FORMYLAMINOFLUORENE
MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate BBRCA9 71,1201,76
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:4400 mg/kg/35W-C CNREA8 22,1002,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ2985000 FORMAMIDE, N-(2-(HEPTYLDITHIO)-4-HYDROXY-1-METHYL-1-BUTENYL)-N-((4-HYDROXY-2-METHYL-5- PYRIMIDINYL)METHYL)-
UPDT:8402 MW: 413.65 MOLFM: C19-H31-N3-O3-S7
SYN: OXYTHIAMINE HEPTYL DISULFIDE
TOXICITY DATA AND REFERENCES:
° scu-mus LD50:1045 mg/kg PCJOAU 16,848,82

LQ2968000 FORMAMIDE, N-(2-HYDROXY-5-(1-HYDROXY-2-((2-(4-METHOXYPHENYL)-1-METHYLETHYL)AMINO)ETHYL) PHENYL)-, (E)-2-BUTENEDIOATE (2:1) (SALT), DIHYDRATE
UPDT:8412 CAS: 43229-80-7 MW: 422.48 MOLFM: C19-H24-N2-O4 .1/2C4-H4-O4 2H2-O
SYN: BD -0A * FORMOTEROL FUMARATE DIHYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:2200 ug/kg (7-17D preg) OYYAA2 27,239,84
3T71T75T76 orl-rat TDLo:36 mg/kg (17-22D preg) OYYAA2 27,375,84
1T81 orl-rat TDLo:1200 ug/kg (17-22D preg) OYYAA2 27,375,84
1T12 orl-rat TDLo:810 mg/kg (17-22D preg/21D post) OYYAA2 27,375,84
1T86 orl-rat TDLo:162 mg/kg (17-22D preg/21D post) OYYAA2 27,375,84
1T34 orl-rat TDLo:66 mg/kg (7-17D preg) OYYAA2 27,239,84
TOXICITY DATA AND REFERENCES:
3G04J15J22 orl-rat LD50:3130 mg/kg OYYAA2 26,811,83
3G04J15J22 ipr-rat LD50:170 mg/kg OYYAA2 26,811,83
3G04J15J22 scu-rat LD50:100U mg/kg OYYAA2 26,811,83
3G04J15J22 ivn-rat LD50:98 mg/kg OYYAA2 26,811,83
3G04J15J22 orl-mus LD50:6700 mg/kg OYYAA2 26,811,83
3G04J15J22 ipr-mus LD50:210 mg/kg OYYAA2 26,811,83
3G04J15J22 scu-mus LD50:640 mg/kg OYYAA2 26,811,83
3G04J15J22 ivn-mus LD50:71 mg/kg OYYAA2 26,811,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FORMAMIDE, N-HYDROXY-N-METHYL- (9CI) see: LR1028000

LQ2992000 FORMAMIDE, N-(4-HYDROXY-1-METHYL-2-(NONYLDITHIO)-1-BUTENYL)-N-((4-HYDROXY-2-METHYL-5- PYRIMIDINYL)METHYL)-
UPDT:8402 MW: 441.71 MOLFM: C21-H35-N3-O3-S2
SYN: OXYTHIAMINE NONYL DISULFIDE
TOXICITY DATA AND REFERENCES:
° scu-mus LD50:570 mg/kg PCJOAU 16,848,82

LQ2992500 FORMAMIDE, N-(4-HYDROXY-1-METHYL-2-(OCTYLDITHIO)-1-BUTENYL)-N-((4-HYDROXY-2-METHYL-5- PYRIMIDINYL)METHYL)-
UPDT:8402 MW: 427.68 MOLFM: C20-H33-N3-O3-S2
SYN: OXYTHIAMINE OCTYL DISULFIDE
TOXICITY DATA AND REFERENCES:
° scu-mus LD50:780 mg/kg PCJOAU 16,848,82

LQ2993000 FORMAMIDE, N-(4-HYDROXY-1-METHYL-2-(PENTYLDITHIO)-1-BUTENYL)-N-((4-HYDROXY-2-METHYL-5- PYRIMIDINYL)METHYL)-
UPDT:8402 MW: 385.59 MOLFM: C17-H27-N3-O3-S2
SYN: OXYTHIAMINE AMYL DISULFIDE
TOXICITY DATA AND REFERENCES:
° scu-mus LD50:1250 mg/kg PCJOAU 16,848,82

LQ3000000 FORMAMIDE, N-METHYL-
UPDT:8405 CAS: 123-39-7 MW: 59.08 MOLFM: C2-H5-N-O
SYN: N-METHYLFORMAMIDE * MONOMETHYLFORMAMIDE * NSC 3051
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg TXAPA9 39,129,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T55T59 orl-rat TDLo:1 gm/kg (7D preg) BSDJA5 -,95,71
1T45 skn-rat TDLo:1200 mg/kg (12-13D preg) TXAPA9 41,35,77
1T41 skn-rat TDLo:600 mg/kg (12-13D preg) TXAPA9 41,35,77
1T35 skn-rat TDLo:600 mg/kg (9D preg) TXAPA9 41,35,77
2T25T59 ipr-rat TDLo:700 mg/kg (7-13D preg) BSDJA5 -,95,71
1T59 scu-rat TDLo:500 mg/kg (10D preg) APEPA2 257,296,67

3T34T46T59 scu-mus TDLo:70 mg/kg (11D preg) DABBBA 40,549,79
3T26T34T59 orl-rbt TDLo:325 mg/kg (6-18D preg) ARZNAD 30,1557,80
1T25 orl-rbt TDLo:650 mg/kg (6-18D preg) ARZNAD 30,1557,80
1T35 skn-rbt TDLo:1800 mg/kg (8-16D preg) TXAPA9 41,35,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4000 mg/kg JRPFA4 4,219,62
* ipr-rat LD50:3500 mg/kg JRPFA4 4,219,62
* unk-rat LD50:2700 mg/kg ARZNAD 18,645,68
3J25U01U26 orl-mus LD50:2650 mg/kg DABBBA 40,549,79
ipr-mus LD50:2500 mg/kg AEPPAE 247,363,64
3J25U01U26 scu-mus LD50:3100 mg/kg DABBBA 40,549,79
3F07F17R21 ivn-mus LD50:2014 mg/kg NTIS** PB82-232158
* ivn-dog LD10:1262 mg/kg NTIS** PB82-232158
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ3150000 FORMAMIDE, N-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)-
UPDT:8411 CAS: 24554-26-5 MW: 239.22 MOLFM: C8-H5-N3-O4-S
SYN: FANFT * 2-FORMYLAMINO-4-(5-NITRO-2-FURYL)THIAZOLE * N-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)FORMAMID (German) * N-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)FORMAMIDE
MUTATION DATA AND REFERENCES:
mmo-sat 10 ng/plate CNREA8 44,2331,84
mmo-sat 50 ng/plate PNASA6 72,5135,75
dnr-sat 500 nmol/well CNREA8 34,2266,74
mmo-esc 300 nmol/well CNREA8 34,2266,74
dnr-esc 60 ug/plate JJINDB 62,873,79
mrc-esc 500 nmol/well CNREA8 34,2266,74
pic-esc 100 ug/L MUREAV 26,3,74
mrc-smc 50 umol/L MUREAV 67,145,79
mmo-smc 25 umol/L MUREAV 56,13,77
mrr-smc 300 ppm JJINDB 62,901,79
otr-rat-orl 500 mg/kg CNREA8 40,1157,80
otr-rat-emb 3040 ug/L JJINDB 67,1303,81
dlr-lvr-rat-orl 64 umol/kg CNREA8 43,3628,83
oms-rat-orl 65 umol/kg CNREA8 43,3628,83
bfa-rat/smc 500 mg/kg MUREAV 67,145,79
bfa-rat/sat 658 mg/kg/7D-C MUREAV 135,169,84
dnd-mus/fbr 20 umol/L CNREA8 35,781,75
bfa-mus/sat 226 mg/kg FEPRA7 36,304,77
hma-mus/sat 12 mg/kg JJINDB 62,911,79
spm-mus-ipr 7500 mg/kg/5D-I CMMUAO 5,257,78
otr-ham-emb 100 ug/L IJCNAW 19,642,77
otr-ham-emb 1 mg/L JJINDB 67,1303,81
bfa-ham/sat 226 mg/kg FEPRA7 36,304,77
bfa-gpg/sat 113 mg/kg FEPRA7 36,304,77
dns-dog-oth 10 umol/L CNREA8 42,7974,82
hma-dog/sat 50 mg/kg/3D NATWAY 64,392,77
TUMORIGENIC DATA AND REFERENCES:
2V01A60 orl-rat TDLo:320 mg/kg/16W-I CRNGDP 1,1135,80
3V01J60P61 orl-mus TDLo:1008 mg/kg/12W-C CNREA8 41,1397,81
3V03L60M60 orl-dog TDLo:26 gm/kg/2Y-C JNCIAM 45,535,70
2V02M60 imp-dog TDLo:3700 mg/kg/74W-I NATWAY 65,665,78
3V01K60H80 orl-ham TDLo:23 gm/kg/48W-C JNCIAM 51,941,73
3V01A60P61 orl-mus TD :36 gm/kg/46W-C CNREA8 30,1309,70
2V01A60 orl-rat TD :1008 mg/kg/12W-C CRNGDP 5,53,84
2V01A60 orl-rat TD :3315 mg/kg/34W-C URLRA5 6,19,78
2V01A60 orl-rat TD :12 gm/kg/30W-C JJINDB 62,1013,79
2V01A60 orl-rat TD :7040 mg/kg/30W-C CALEDQ 18,261,83
2V01A60 orl-rat TD :7700 mg/kg/10W-C CRNGDP 2,515,81
3V01A60T61 orl-rat TD :6000 mg/kg/6W-C CNREA8 39,1207,79
2V01A60 orl-rat TD :30 gm/kg/20W-C CALEDQ 21,303,84
2V01A60 orl-rat TD :2 gm/kg/10W-I CALEDQ 12,355,81
3V01A60P61 orl-mus TD :27 gm/kg/23W-C CNREA8 38,1398,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEMLAU 23,6,71; ADCSAJ 13,271,70; CCSUDL 4,171,78; NUCADQ 3,109,81; BLFSBY 24,253,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ3159000 FORMAMIDE, N-(4-(4-NITRO-2-PYRROLYL)-2-THIAZOLYL)-
UPDT:8401 CAS: 58139-57-4 MW: 238.24 MOLFM: C8-H6-N4-O3-S
SYN: 2-FORMYLAMINO-4(4-NITRO-2-PYRROLYL)THIAZOLE * N-(4-(4-NITRO-2-PYRROLYL)-2-THIAZOLYL)FORMAMIDE
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

LQ3159500 FORMAMIDE, N-(4-(5-NITRO-2-PYRROLYL)-2-THIAZOLYL)-
UPDT:8401 CAS: 58139-55-2 MW: 238.24 MOLFM: C8-H6-N4-O3-S
SYN: 2-FORMYLAMINO-4-(5-NITRO-2-PYRROLYL)THIAZOLE * N-(4-(5-NITRO-2-PYRROLYL)-2-THIAZOLYL)FORMAMIDE
MUTATION DATA AND REFERENCES:
mmo-sat 25[illegible] ng/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

LQ3160000 FORMAMIDE, N-(4-(4-NITRO-2-THIENYL)-2-THIAZOLYL)-
UPDT:8401 CAS: 58139-52-9 MW: 255.28 MOLFM: C8-H5-N3-O3-S2
SYN: 2-FORMYLAMINO-4-(4-NITRO-2-THIENYL)THIAZOLE * N-(4-(4-NITRO-2-THIENYL)-2-THIAZOLYL)FORMAMIDE
MUTATION DATA AND REFERENCES:
mmo-sat 2500 ng/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

LQ3163000 FORMAMIDE, N-(4-(5-NITRO-2-THIENYL)-2-THIAZOLYL)-
UPDT:8401 CAS: 58139-46-1 MW: 255.28 MOLFM: C8-H5-N3-O3-S2
SYN: 2-FORMYLAMINO-4-(5-NITRO-2-THIENYL)THIAZOLE * N-(4-(5-NITRO-2-THIENYL)-2-THIAZOLYL)FORMAMIDE
MUTATION DATA AND REFERENCES:
mmo-sat 2 ug/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
FORMAMIDE, 1,1'-THIOBIS(N,N-DIMETHYLTHIO- see: WQ1750000

LQ3500100 FORMAMIDE, N-(2,2,2-TRICHLORO-1-(MORPHOLINYL)ETHYL)-
UPDT:8408 CAS: 80029-23-4 MW: 261.55 MOLFM: C7-H11-Cl3-N2-O2
SYN: N-(1-FORMAMIDO-2,2,2-TRICHLORETYL)MORFOLIN (Czech) * TRIMORFAMID * TRIMORFAMIDE * TRIMORPHAMID * VUAg1 866 * VUAg1 866-72
TOXICITY DATA AND REFERENCES:
° orl-rat LD50:2550 mg/kg CEHYAN 25,179,80

LQ4375000 FORMAMIDINE, N'-(4-CHLORO-o-TOLYL)-N,N-DIMETHYL-
UPDT:8309 CAS: 6164-98-3 MW: 196.70 MOLFM: C10-H13-Cl-N2

SYN: ACARCIN * BERMAT * C 8514 * CARZOL * CDM * CHLORDIMEFORM * CHLORFENAMIDINE * N'-(4-CHLORO-2-METHYLPHENYL)-N,N-DIMETHYLMETHANIMIDAMIDE * CHLOROPHENAMIDIN * CHLOROPHENAMIDINE * N'-(4-CHLORO o-TOLYL)-N,N-DIMETHYLFORMAMIDINE * CHLORPHENAMIDINE * N'-(4-CHLOR o-TOLYL)-N,N-DIMETHYLFORMAMIDIN (German) * CIBA 8514 * CIBA-CB514 * N,N-DIMETHYL N'-(2-METHYL-4-CHLOROPHENYL) FORMAMIDINE * ENT-27335 * ENT 27567 * EP-333 * FUNDAL * FUNDAL 500 * FUNDEX * GALECRON * METHANIMIDAMIDE, N'-(4-CHLORO-2-METHYLPHENYL)-N,N-DIMETHYL- * N'-(2-METHYL-4-CHLOROPHENYL)-N,N'-METHYLFORMAMIDINE * N'-(2-METHYL-4-CHLORPHENYL) FORMAMIDIN-HYDROCHLORID (German) * NSC 190935 * RS 141 * SCHERING 36268 * SN 36268 * SPANON * SPANONE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg open MLD	CIGET* 6/2/75
	eye-rbt 100 mg MLD	CIGET* 6/2/75

MUTATION DATA AND REFERENCES:

	mma-smc 5 ppm	RSTUDV 6,161,76
	dni-hmn-hla 1 mmol/L	BECTA6 11,184,74
	oms-hmn-ina 1 mmol/L	BECTA6 11,184,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T83	orl-rat TDlo:1800 ug/kg (5-22D preg)	BECTA6 20,760,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:160 mg/kg	KSKZAN 16(2),59,78
*	skn-rat LD50:640 mg/kg	FMCHA2 -,C51,83
	ipr-rat LD50:238 mg/kg	JTEHD6 3,565,77
	orl-mus LD50:160 mg/kg	SPEADM 74-1,-,74
	skn-mus LD50:225 mg/kg	SPEADM 78-1,21,78
3F1,F13J26	ipr-mus LD50:86 mg/kg	NTIS** PB80-205867
	orl-rbt LD50:625 mg/kg	28ZEAL 5,43,76
	skn-rbt LD50:640 mg/kg	85DPAN -,-,71/76

STATUS:
EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ4550000 FORMAMIDINE, N'-(4-CHLORO-o-TOLYL)-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8309 CAS: 19750-95-9 MW: 233.16 MOLFM: C10-H13-Cl-N2 Cl-H
SYN: CHLORDIMEFORM HYDROCHLORIDE * CHLOROPHENAMIDINE HYDROCHLORIDE * N'-(4-CHLORO-o-TOLYL)-N,N-DIMETHYLFORMAMIDINE, HYDROCHLORIDE * N,N-DIMETHYL-N'-(2-METHYL-4-CHLOROPHENYL)-FORMAMIDINE, HYDROCHLORIDE * ENT 27567 * EP 333 * FUNDAL SP * GALECRON SP * METHANIMIDAMIDE, N'-(4-CHLORO-2-METHYLPHENYL)-, MONOHYDROCHLORIDE * MORTON EP 333 * NOR AM EP 333 * NSC 195102 * SCHERING 36268

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:225 mg/kg	SPEADM 74-1,-,74
	skn-rat LD50:4000 mg/kg	SPEADM 78-1,22,78
	orl-mus LD50:290 mg/kg	BESAAT 15,103,69
	orl-rbt LD50:625 mg/kg	BESAAT 15,103,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ4593400 FORMAMIDINE, N-METHYL-N'-(2,4-XYLYL)-, HYDROCHLORIDE
UPDT:8312 CAS: 33089-74-6 MW: 417.68 MOLFM: C10-H14-N2 xCl-H
SYN: METHANIMIDAMIDE, N-(2,4-DIMETHYPHENYL)-N'-METHYL-, HYDROCHLORIDE (1:0CI) * N-METHYL-N'-(2,4-XYLYL)-FORMAMIDINE HYDROCHLORIDE * U-40481A * N'-(2,4-XYLYL)-N-METHYLFORMAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F07F19J22	scu-mus LD50:107 mg/kg	TXCYAC 27,71,83

FORMAMIDINE, N,N'-VINYLENE- see: NI3325000
N-(1-FORMAMIDO-2,2,2-TRICHLORETYL)MORFOLIN (Czech) see: LQ3300100
3-FORMAMIDO-2,4,6-TRIIODOBENZOIC ACID see: DH1421000
FORMAMINE see: MN4725000

LQ4660000 FORMANILIDE, 2'-((2-AMINO-4-(DIMETHYLSULFAMOYL)PHENYL)THIO)-
UPDT:8309 MW: 351.47 MOLFM: C15-H17-N3-O3-S2
SYN: 2'-((2-AMINO-4-(DIMETHYLSULFAMOYL)PHENYL)THIO)FORMANILIDE * 4-DIMETHYLSULPHAMIDO-2-FORMAMIDO-2'-NITRODIPHENYL SULPHIDE

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg MLD	FCTOD7 20,573,82

LQ4673000 FORMANILIDE, N-(2-(DIETHYLAMINO)ETHYL)-2',6'-DIMETHYL-
UPDT:8406 CAS: 20682-52-4 MW: 248.41 MOLFM: C15-H24-N2-O
SYN: N-(2-(DIETHYLAMINO)ETHYL)-2,6-DIMETHYLFORMANILIDE * SA 117

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:365 mg/kg	APFRAD 40,231,82

FORMARIN see: SC5075000
FORMATRIX see: GL1224000

LQ4695000 FORMAZAN, 3-(3-INDOLYL)-5-PHENYL-1-PYRIDYL-
UPDT:8402 MW: 340.42 MOLFM: C20-H16-N6
SYN: 3-(3-INDOLYL)-5-PHENYL-1-PYRIDYLFORMAZAN

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	ARZNAD 33,1218,83

FORMEBOLONE see: BV7985000
FORMETANATE HYDROCHLORIDE see: FC2800000
FORMHYDRAZID (German) see: LQ8615000
FORMHYDRAZIDE see: LQ8615000

LQ4740000 FORMHYDROXAMIC ACID
UPDT:8312 CAS: 4312-87-2 MW: 61.05 MOLFM: C-H2-N-O2
SYN: FORMHYDROXAMSAEURE (German) * HYDROXYLAMINE, N-FORMYL-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T43T46	ipr-rat TDLo:500 mg/kg (13D preg)	TJADAB 26(3),9A,82
1159	scu-rat TDLo:500 mg/kg (10D preg)	APEPA2 257,296,67

TOXICITY DATA AND REFERENCES:

	scu-rat LD50:570 mg/kg	APEPA2 257,296,67
*	unk-rat LD50:580 mg/kg	DZMKAS 62,32,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FORMHYDROXAMSAEURE (German) see: LQ4740000
FORMIATE DE METHYLE (French) see: LQ8925000
FORMIATE DE PROPYLE (French) see: LR0175000

LQ4900000 FORMIC ACID
UPDT:8406 CAS: 64-18-6 MW: 46.03 MOLFM: C-H2-O2
SYN: ACIDE FORMIQUE (French) * ACIDO FORMICO (Italian) * AMEISENSAEURE (German) * AMINIC ACID * FORMIC ACID (DOT) * FORMIC ACID, solution (DOT) * FORMYLIC ACID * HYDROGEN CARBOXYLIC ACID * KWAS METANOWY (Polish) * METHANOIC ACID * MIERENZUUR (Dutch) * RCRA WASTE NUMBER U123 * UN 1779 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 610 mg open MLD	UCDS** 5/8/68
	eye-rbt 122 mg SEV	UCDS** 5/8/68

MUTATION DATA AND REFERENCES:

	mma-esc 70 ppm/3H	AMNTA4 85,119,51
	pic-esc 100 mmol/L	MDMIAZ 31,11,79
	sln-dmg-ihl 1000 ppm/24H	THAGA6 39,330,69
	sln-dmg-orl 1000 ppm	THAGA6 39,330,69
	oms-nml-ath 100 mmol/L	CAANAT 56,712,72
	cyt-nml-ath 100 mmol/L	CAANAT 56,712,72

TOXICITY DATA AND REFERENCES:

2F07J22	orl-rat LD50:1100 mg/kg	GTPZAB 23(12),49,79
2F07J22	ihl-rat LC50:15 gm/m3/15M	GTPZAB 23(12),49,79
2F07J22	orl-mus LD50:700 mg/kg	GTPZAB 23(12),49,79
2F07J22	ihl-mus LC50:6200 mg/m3/15M	GTPZAB 23(12),49,79
	ipr-mus LD50:940 mg/kg	IGIBA5 11,507,62
	ivn-mus LD50:145 mg/kg	ZERNAL 9,332,69
*	orl-dog LD50:4000 mg/kg	AMIHAB 20,517,59
	ivn-dog LDLo:3000 mg/kg	HBTXAC 1,146,55
	ivn-rbt LDLo:239 mg/kg	HBTXAC 1,146,55

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 20,517,59; ARTODN 39,299,78

★ TLV-TWA 5 ppm	DTLVS* 4,200,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 ppm (5CP-L)	FEREAC 39,2,140,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution	CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS: VOL 1 232, VOL 5 S173#
'NIOSH MANUAL OF ANALYTICAL METHODS: TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FORMIC ACID, ALLYL ESTER see: LQ9800000

LQ5270000 FORMIC ACID, AZIDO-, tert-BUTYL ESTER
UPDT:8401 CAS: 1070-19-5 MW: 143.17 MOLFM: C5-H9-N3-O2
SYN: t-BUTOXYCARBONYL AZIDE * tert-BUTOXYCARBONYL AZIDE (DOT) * tert-BUTYL AZIDOFORMATE * tert-BUTYLOXYCARBONYL AZIDE * CARBONAZIDIC ACID, 1,1-DIMETHYLETHYL ESTER

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LQ5280000 FORMIC ACID, AZIDODITHIO-
UPDT:8308 CAS: 4472-06-4 MW: 119.17 MOLFM: C-H-N3-S2
SYN: AZIDODITHIOCARBONIC ACID (DOT) * AZIDODITHIOFORMIC ACID * AZIDOTHIOCARBONIC ACID * CARBONAZIDODITHIOIC ACID

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN	CFRGBR 49,172.101,82

LQ5400000 FORMIC ACID, BENZYL ESTER
UPDT:8305 CAS: 104-57-4 MW: 136.16 MOLFM: C8-H8-O2
SYN: BENZYL ALCOHOL, FORMATE * BENZYL FORMATE * BENZYL METHANOATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1400 mg/kg	FCTXAV 11,1019,73
*	skn-rbt LD50:2000 mg/kg	FCTXAV 11,1019,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LQ5500000 FORMIC ACID, BUTYL ESTER
UPDT:8308 CAS: 592-84-7 MW: 102.15 MOLFM: C5-H10-O2
SYN: BUTYL FORMATE * n-BUTYL FORMATE * BUTYL FORMATE (DOT) * UN 1128 (DOT)

TOXICITY DATA AND REFERENCES:

3D25F23J30	ihl-hmn TCLo:10418 ppm	AMIHAB 20,517,59
*	ihl-cat LCLo:10418 ppm/1.2H	AMIHAB 20,517,59
	orl-rbt LD50:2656 mg/kg	IMSUAI 41,31,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 20,517,59

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ5650000 FORMIC ACID, CHLORO-
UPDT:8312
SYN: CHLOROFORMATES (DOT) * UN 2742 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON, CORROSIVE, FLAMMABLE LIQUID	CFRGBR 49,172.102,83

LQ5775000 FORMIC ACID, CHLORO-, ALLYL ESTER
UPDT:8312 CAS: 2937-50-0 MW: 120.54 MOLFM: C4-H5-Cl-O2
SYN: ALLYL CHLOROCARBONATE * ALLYL CHLOROCARBONATE (DOT) * ALLYL CHLOROFORMATE * ALLYL CHLOROFORMATE (DOT) * UN 1722 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE, FLAMMABLE LIQUID	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LQ5860000 FORMIC ACID, CHLORO-, BENZYL ESTER
UPDT:8308 CAS: 501-53-1 MW: 170.60 MOLFM: C8-H7-Cl-O2
SYN: BENZYLCARBONYL CHLORIDE * BENZYL CHLOROCARBONATE * BENZYL CHLOROCARBONATE (DOT) * BENZYL CHLOROFORMATE * BENZYL CHLOROFORMATE (DOT) * BENZYLOXYCARBONYL CHLORIDE * BZCF * CARBOBENZOXY CHLORIDE * CARBOBENZYLOXY CHLORIDE * CHLOROFORMIC ACID BENZYL ESTER * UN 1739 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LQ5890000 FORMIC ACID, CHLORO-, BUTYL ESTER
UPDT:8401 CAS: 592-34-7 MW: 136.59 MOLFM: C5-H9-Cl-O2
SYN: BUTOXYCARBONYL CHLORIDE * BUTYL CHLOROBONATE * BUTYL CHLOROFORMATE * n-BUTYLCHLOROFORMATE (DOT) * CARBONOCHLORIDIC ACID, BUTYL ESTER (9CI) * CHLOROFORMIC ACID BUTYL ESTER * UN 2743 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON, CORROSIVE, FLAMMABLE LIQUID	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LQ5970000 FORMIC ACID, CHLORO-, CHLOROMETHYL ESTER
UPDT:8312 CAS: 22128-62-7 MW: 128.94 MOLFM: C2-H2-Cl2-O2
SYN: CARBONOCHLORIDIC ACID, CHLOROMETHYL ESTER (9CI) * CHLOROMETHYL CHLOROFORMATE * CHLOROMETHYLCHLOROFORMATE (DOT) * UN 2745 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:CORROSIVE AND POISON	CFRGBR 49,172.102,83

LQ6125000 FORMIC ACID, CHLORO-, ETHYL ESTER
UPDT:8308 CAS: 541-41-3 MW: 108.53 MOLFM: C3-H5-Cl-O2
SYN: CHLOROCARBONATE D'ETHYLE (French) * CHLOROFORMIC ACID ETHYL ESTER * CHLORAMEISENSAEUREAETHYLESTER (German) * ECF * ETHYLCHLOORFORMIAAT (Dutch) * ETHYL CHLOROCARBONATE * ETHYL CHLOROCARBONATE (DOT) * ETHYL CHLOROFORMATE * ETHYL CHLOROFORMATE (DOT) * ETHYLE CHLOROFORMIAT D' (French) * ETIL CLOROCARBONATO (Italian) * ETIL CLOROFORMIATO (Italian) * TL 423 * UN 1182 (DOT)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:270 mg/kg	TXAPA9 42,417,77
	ihl-rat LC50:145 ppm/1H	TXAPA9 42,417,77
	ihl-mus LCLo:2260 mg/m3/10M	NDRC** NDCrc-132,Nov,42
	ipr-mus LDLo:15 mg/kg	CBCCT* 6,220,54
	skn-rbt LD50:7120 mg/kg	TXAPA9 42,417,77

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ6475000 FORMIC ACID, CHLORO-, ISOPROPYL ESTER
UPDT:8408 CAS: 108-23-6 MW: 122.56 MOLFM: C4-H7-Cl-O2
SYN: CARBONOCHLORIDIC ACID, 1-METHYLETHYL ESTER * CHLOROFORMIC ACID ISOPROPYL ESTER * ISOPROPYL CHLOROCARBONATE * ISOPROPYL CHLOROFORMATE * ISOPROPYL CHLOROFORMATE (DOT) * ISOPROPYL CHLOROMETHANOATE * UN 2407 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg — IHFCAY 6,1,67
eye-rbt 500 mg SEV — IHFCAY 6,1,67

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1070 mg/kg — IHFCAY 6,1,67
ihl-rat LCLo:200 ppm/5H — BJIMAG 27,1,70
orl-mus LD50:178 mg/kg — 37ASAA 4,758,78
ihl-mus LD50:299 ppm/1H — 37ASAA 4,758,78
skn-mus LD50:12 mg/kg — 37ASAA 4,758,78
skn-rbt LD50:11300 mg/kg — IHFCAY 6,1,67

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
FORMIC ACID, CHLORO-, METHYL ESTER see: FG3675000
FORMIC ACID, CHLORO-, PHENYL ESTER see: FG3850000

LQ6830000 FORMIC ACID, CHLORO-, PROPYL ESTER
UPDT:8404 CAS: 109-61-5 MW: 122.56 MOLFM: C4-H7-Cl-O2
SYN: CARBONOCHLORIDIC ACID, PROPYL ESTER * PROPYL CHLOROCARBONATE * PROPYL CHLOROFORMATE * n-PROPYL CHLOROFORMATE (DOT) * UN 2740 (DOT)

TOXICITY DATA AND REFERENCES:
orl-mus LD50:650 mg/kg — 37ASAA 4,758,78
ihl-mus LD50:319 ppm/1H — 37ASAA 4,758,78
skn-mus LD50:10 mg/kg — 37ASAA 4,758,78

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID;LABEL:POISON, CORROSIVE, LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LQ6950000 FORMIC ACID, CHLOROTHIO-, ETHYL ESTER
UPDT:8308 CAS: 2812-73-9 MW: 124.59 MOLFM: C3-H5-Cl-O-S
SYN: ETHYL CHLOROTHIOFORMATE (DOT) * UN 2826 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE, FLAMMABLE LIQUID — CFRGBR 49,172.102,83
FORMIC ACID, CINNAMYL ESTER see: UD5530000
FORMIC ACID, CITRONELLYL ESTER see: RH3480000

LQ7450000 FORMIC ACID, COBALT(2+) SALT
CAS: 544-18-3 MW: 148.97 MOLFM: C2-H2-O4-Co
SYN: COBALT DIFORMATE * COBALT FORMATE * COBALTOUS FORMATE * COBALTOUS FORMATE (DOT) * NA 9104 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E, LABEL:NONE — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
FORMIC ACID, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E)- see: RG5925700
FORMIC ACID, 3,7-DIMETHYL-6-OCTEN-1-YL ESTER see: RH3480000

LQ7700000 FORMIC ACID, DITHIOBIS(THIO-, O,O-DIETHYL ESTER
UPDT:8403 CAS: 502-55-6 MW: 242.40 MOLFM: C6-H10-O2-S4
SYN: AULIGEN * AULINOGEN * BEK * BEXIDE * BEXT * BIETHYLXANTHOGENTRISULFIDE * BIS(ETHYLXANTHIC)DISULFIDE * BIS(ETHYLXANTHOGEN) * BISETHYLXANTHOGEN DISULFIDE * DEX * DIETHYLDITHIO BIS(THIONOFORMATE) * DIETHYL DIXANTHOGEN * DIETHYL XANTHOGENATE * DIETHYLXANTHOGEN DISULFIDE * DITHIOBIS(THIOFORMIC ACID) O,O-DIETHYL ESTER * DIXANTHOGEN * ETHYLXANTHIC DISULFIDE * ETHYL XANTHOGEN DISULFIDE * EXD * HERBISAN * K PREPARATION * LENISARIN * PREPARATION K * SULFASAN * THIOPEROXYDICARBONIC ACID DIETHYL ESTER * XANTHOGEN, BIS(ETHYL

TOXICITY DATA AND REFERENCES:
orl-rat LD50:480 mg/kg — RREVAH 10,97,65
skn-rat LDLo:2100 mg/kg — PCOC** -,578,66
orl-mus LD50:1200 mg/kg — FATOAO 28,230,65
orl-rbt LD50:620 mg/kg — PCOC** -,578,66
* ipr-rbt LD50:320 mg/kg — APTOA6 8,329,52
orl-gpg LD50:400 mg/kg — PCOC** -,578,66
unk-mam LD50:600 mg/kg — 30ZDA9 -,180,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ8050000 FORMIC ACID, DITHIOBIS(THIO-, O,O-DIMETHYL ESTER
UPDT:8408 CAS: 1468-37-7 MW: 214.34 MOLFM: C4-H6-O2-S4
SYN: BIS(METHYLXANTHOGEN) DISULFIDE * DI(METHOXYTHIOCARBONYL) DISULFIDE * O,O-DIMETHYL DITHIOBIS(THIOFORMATE) * DIMETHYL DIXANTHOGEN * DIMETHYL XANTHIC DISULFIDE * DIMETHYLXANTHOGEN DISULFIDE * DIMEXAN * DIMEXANO * DI(THIONOCARBOMETHOXY) DISULFIDE * THIOPEROXYDICARBONIC ACID, DIMETHYL ESTER * TRIDEX * TRI-PE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:240 mg/kg — WRPCA2 9,119,70
unk-mam LD50:240 mg/kg — 30ZDA9 -,180,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
FORMIC ACID (DOT) see: LQ4900000
FORMIC ACID, solution (DOT) see: LQ4900000

LQ8400000 FORMIC ACID, ETHYL ESTER
UPDT:8407 CAS: 109-94-4 MW: 74.09 MOLFM: C3-H6-O2
SYN: AETHYLFORMIAT (German) * AREGINAL * ETHYLE (FORMIATE D') (French) * ETHYL FORMATE * ETHYL FORMATE (DOT) * ETHYLFORMIAAT (Dutch) * ETHYL FORMIC ESTER * ETHYL METHANOATE * ETILE (FORMIATO DI) (Italian) * FORMIC ETHER * MROWCZAN ETYLU (Polish) * UN 1190 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 460 mg open MLD — UCDS** 4/10/68
eye-rbt 20 mg open — AMIHBC 10,61,54

TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:110 gm/kg/9W-I — BJCAAI 9,177,55
2V03J60 ipr-mus TDLo:2400 mg/kg/8W-I — CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:
2F07J22 orl-rat LD50:1850 mg/kg — FCTXAV 2,327,64
* ihl-rat LCLo:8000 ppm/4H — AMIHBC 10,61,54
orl-rbt LD50:2075 mg/kg — IMSUAI 41,31,72
* skn-rbt LD50:20 gm/kg — FCTXAV 16,737,78
* scu-rbt LDLo:1000 mg/kg — FCTXAV 16,737,78
2F07K05 orl-gpg LD50:1110 mg/kg — FCTXAV 2,327,64

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 20,517,59
★ TLV-TWA 100 ppm; STEL 150 ppm — DTLVS* 4,187,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-D) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S36
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ8500000 FORMIC ACID, ETHYLIDENEMETHYLHYDRAZIDE
UPDT:8401 CAS: 16568-02-8 MW: 100.14 MOLFM: C4-H8-N2-O
SYN: ACETALDEHYDE N-FORMYL N-METHYLHYDRAZONE * CETALDEHYDE METHYLFORMYLHYDRAZONE * ACETALDEHYDE N-METHYL N-FORMYLHYDRAZONE * ETHYLIDENE GYROMITRIN * GYROMITRIN * HYDRAZINE CARBOXALDEHYDE, ETHYLIDENEMETHYL * N-METHYL-N-FORMYL HYDRAZONE of ACETALDEHYDE

TUMORIGENIC DATA AND REFERENCES:
3V03J60N60 orl-mus TDLo:5200 mg/kg/52W-I — FEPRA7 39(Pt. 2),884,80
3V01J60N60 scu-mus TDLo:600 mg/kg/12W-I — NEOLA4 28,559,81

TOXICITY DATA AND REFERENCES:
unk-chd LDLo:10 mg/kg — MGLHAE 65,453,74
unk-hmn LDLo:20 mg/kg — MGLHAE 65,453,74
3F07F12F15 orl-rat LD50:320 mg/kg — FCTXAV 15,575,77
orl-mus LD50:344 mg/kg — JUREAV 54,167,78
orl-rbt LD50:50 mg/kg — NATWAY 62,395,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMTHBU 58(12),623,75
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 31,163,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ8576000 FORMIC ACID, 2-(4-(2-FURYL)-2-THIAZOLYL)HYDRAZIDE
UPDT:8401 CAS: 31873-81-1 MW: 209.24 MOLFM: C8-H7-N3-O2-S

MUTATION DATA AND REFERENCES:
pic-esc 10 mg/L — MUREAV 26,3,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
FORMIC ACID, GERANIOL ESTER see: RG5925700

LQ8582000 FORMIC ACID, HEPTYL ESTER
UPDT:8305 CAS: 112-23-2 MW: 144.24 MOLFM: C8-H16-O2
SYN: HEPTANOL FORMATE * HEPTYL FORMATE * n-HEPTYL METHANOATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 16,771,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LQ8615000 FORMIC ACID, HYDRAZIDE
UPDT:6401 CAS: 624-84-0 MW: 60.07 MOLFM: C-H4-N2-O
SYN: CARBAZALDEHYDE * FORMAL HYDRAZINE * FORMHYDRAZID (German) * FORMHYDRAZIDE * FORMIC HYDRAZIDE * FORMOHYDRAZIDE * FORMYLHYDRAZIDE * FORMYLHYDRAZINE * N-FORMYLHYDRAZINE * HYDRAZINECARBOXALDEHYDE (9CI) * HYDRAZINE, FORMYL

TUMORIGENIC DATA AND REFERENCES:
2V02J60 orl-mus TDLo:73 gm/kg/43W-C — BJCAAI 37,960,78

TOXICITY DATA AND REFERENCES:
* scu-rat LD50:120 mg/kg — ARZNAD 18,645,68
* ipr-mus LD50:65 mg/kg — JMPCAS 4,259,61

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ8625000 FORMIC ACID, HYDRAZODI-
UPDT:8401 CAS: 628-36-4 MW: 88.08 MOLFM: C2-H4-N2-O2
SYN: 1,2-DIFORMYLHYDRAZIN (German) * 1,2-DIFORMYLHYDRAZINE * HYDRAZINE, 1,2-DIFORMYL

TUMORIGENIC DATA AND REFERENCES:
2V01J60 orl-mus TDLo:5800 mg/kg/66W-C — ZKKOBW 92,11,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ8650000 FORMIC ACID, ISOBUTYL ESTER
UPDT:8312 CAS: 542-55-2 MW: 102.15 MOLFM: C5-H10-O2
SYN: ISO-BUTYL FORMATE * ISOBUTYL FORMATE (DOT) * TETRYL FORMATE * UN 2393 (DOT)

TOXICITY DATA AND REFERENCES:
orl-rbt LD50:3064 mg/kg — IMSUAI 41,31,72

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
FORMIC ACID, ISOPENTYL ESTER see: NT0185000

LQ8750000 FORMIC ACID, ISOPROPYL ESTER
UPDT:8312 CAS: 625-55-8 MW: 88.12 MOLFM: C4-H8-O2
SYN: ISOPROPYL FORMATE * ISOPROPYL FORMATE (DOT) * UN 1281 (DOT) * UN 2408 (DOT)

TOXICITY DATA AND REFERENCES:
orl-gpg LD50:1400 ug/kg — 28ZEAL 4,256,69

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LQ8925000 FORMIC ACID, METHYL ESTER
UPDT:8404 CAS: 107-31-3 MW: 60.06 MOLFM: C2-H4-O2
SYN: FORMIATE DE METHYLE (French) * METHYLE (FORMIATE DE) (French) * METHYL FORMATE * METHYL FORMATE (DOT) * METHYLFORMIAAT (Dutch) * METHYLFORMIAT (German) * METHYL METHANOATE * METIL (FORMIATO DI) (Italian) * UN 1243 (DOT)

TOXICITY DATA AND REFERENCES:
orl-rbt LD50:1622 mg/kg — IMSUAI 41,31,72
ihl-gpg LCLo:10000 ppm — 14CYAT 2,1855,63

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 20,517,59
★ TLV-TWA 100 ppm; STEL 150 ppm — DTLVS* 4,280,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-T) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S291#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

LQ8940000 FORMIC ACID, METHYLHYDRAZIDE
UPDT:8408 CAS: 758-17-8 MW: 74.10 MOLFM: C2-H6-N2-O
SYN: N-FORMYL-N-METHYLHYDRAZINE * HYDRAZINE, 1-FORMYL-1-METHYL- * N-METHYL N-FORMYLHYDRAZINE * MFH

MUTATION DATA AND REFERENCES:
mmo-sat 100 umol/plate — TXCYAC 26,155,83
mma-sat 100 umol/plate — TXCYAC 26,155,83

TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-mus TDLo:14 mg/kg/62W-C — JNCIAM 60,201,78
2V01J60 scu-mus TDLo:400 mg/kg/40W-I — NEOLA4 30,437,83

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

3V01L60M60 orl-ham TDLo:6100 mg/kg/80W-C JCROD7 93,109,79
3V01J60L60 orl-mus TD :7840 mg/kg/70W-C MYCPAH 68,121,79
3V01H60J60 orl-mus TD :3360 mg/kg/2Y-C NEOLA4 27,25,80
3V01H60J60 orl-mus TD :3158 mg/kg/94W-C NEOLA4 27,25,80
3V01J60L60 orl-mus TD :3920 mg/kg/2Y-C NEOLA4 27,25,80
2V01J60 scu-mus TD :180 mg/kg JTEHD6 6,577,80
2V01T69 scu-mus TD :100 mg/kg JTEHD6 6,577,80
3V01J60P62 orl-rat TD :64 mg/kg/80W-C MYCPAH 78,11,82
3 /01J60K60 orl-mus TD :84 mg/kg/70W-C MYCPAH 78,11,82
3V01J60P62 orl-mus TD :187 mg/kg/78W-C MYCPAH 78,11,82
3V01J60P62 orl-mus TD :158 mg/kg/79W-C MYCPAH 78,11,82

TOXICITY DATA AND REFERENCES:
unk-rat LD50:400 mg/kg ARZNAD 20,363,70
orl-mus LD50:118 mg/kg TXAPA9 45,429,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ9100000 FORMIC ACID, 2-(4-METHYL-2-THIAZOLYL)HYDRAZIDE
UPDT:8401 CAS: 32852-21-4 MW: 157.21 MOLFM: C5-H7-N3-O-S

MUTATION DATA AND REFERENCES:
pic-esc 10 mg/L MUREAV 26,3,74

TUMORIGENIC DATA AND REFERENCES:
2V02R60 orl-rat TDLo:11 gm/kg/46W-C JNCIAM 47,437,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FORMIC ACID, NERYL ESTER see: RG5925800

LQ9275000 FORMIC ACID, 2-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)HYDRAZIDE
UPDT:8402 CAS: 3570-75-0 MW: 256.24 MOLFM: C8-H6-N4-O4-S
SYN: AS-17665 * FNT * FORMIC 2-(4-(5-NITROFUPYL)-2-THIAZOLYL)HYDRAZIDE * 2-(2-FORMYLHYDRAZINO)-4-(5-NITRO-2-FURYL)THIAZOLE * HYDRAZINECARBOXALDEHYDE, 2-(4-(5-NITRO-2-FURANYL)-2-THIAZOLYL)- * NEFURTHIAZOLE * NIFURTHIAZOL * NIFURTHIAZOLE * NSC 525334

MUTATION DATA AND REFERENCES:
mmo-sat 200 ng/plate CNJGA8 21,319,79
mma-sat 100 ng/plate MUREAV 40,9,76
dnr-sat 500 nmol/well CNREA8 34,2266,74
mma-esc 300 nmol/well CNREA8 34,2266,74
mrc-esc 500 nmol/well CNREA8 34,2266,74
pic-esc 250 ug/L MUREAV 26,3,74
spm-mus-ipr 1575 mg/kg/5D-I CMMUAO 5,257,78

TUMORIGENIC DATA AND REFERENCES:
3V01A61R60 orl-rat TDLo:31 gm/kg/44W-C PAACA3 10,15,69
3V01K60P61 orl-mus TDLo:30 gm/kg/33W-C CNREA8 38,1398,78
3V01K60M60 orl-ham TDLo:22 gm/kg/48W-C JNCIAM 51,941,73
3V01K60P61 orl-mus TD :48 gm/kg/29W CNREA8 30,906,70
3V01K60P61 orl-mus TD :28 gm/kg/33W-C CNREA8 33,1593,73
3V01L60M61 orl-rat TD :41 gm/kg/49W-C CNREA8 33,2894,73
3V02M61R60 orl-rat TD :28 gm/kg/46W-C JNCIAM 47,437,71
2V01M61 orl-rat TD :38640 mg/kg/46W-C CNREA8 30,2098,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; CCSUDL 4,171,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,151,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LQ9290000 FORMIC ACID, OCTYL ESTER
UPDT:8305 CAS: 112-32-3 MW: 158.27 MOLFM: C9-H18-O2
SYN: OCTYL FORMATE * n-OCTYL FORMATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,883,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LQ9370000 FORMIC ACID, PENTYL ESTER
UPDT:8308 CAS: 638-49-3 MW: 116.18 MOLFM: C6-H12-O2
SYN: n-AMYL FORMATE * AMYL FORMATE (DOT) * PENTYL FORMATE * m-PENTYL FORMATE * UN 1109 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 18,649,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 20,517,59

STANDARDS & REGULATIONS:
★ DOT-HAZARD: FLAMMABLE LIQUID; LABEL: FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LQ9400000 FORMIC ACID, PHENETHYL ESTER
UPDT:8305 CAS: 104-62-1 MW: 150.19 MOLFM: C9-H10-O2
SYN: BENZYLCARBINYL FORMATE * PHENETHYL ALCOHOL, FORMATE * PHENETHYL FORMATE * PHENYLETHYL FORMATE * beta-PHENYLETHYL FORMATE * 2-PHENYLETHYL FORMATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3220 mg/kg FCTXAV 12,959,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FORMIC ACID, 2-PHENYLHYDRAZIDE see: MV4350000 HYDRAZINE, 1-FORMYL-2-PHENYL-

LQ9800000 FORMIC ACID, 2-PROPENYL ESTER
UPDT:8408 CAS: 1838-59-1 MW: 86.10 MOLFM: C4-H6-O2
SYN: ALLYL FORMATE * ALLYL FORMATE (DOT) * FORMIC ACID, ALLYL ESTER * UN 2336 (DOT)

TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:124 mg/kg FCTXAV 2,327,64
1F07 orl-mus LD50:136 mg/kg FCTXAV 2,327,64
* ihl-mus LC50:14 gm/m3/2H 85GMAT -,18,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 20,517,59

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LR0175000 FORMIC ACID, PROPYL ESTER
UPDT:8308 CAS: 110-74-7 MW: 88.12 MOLFM: C4-H8-O2
SYN: FORMIATE DE PROPYLE (French) * n-PROPYL FORMATE * PROPYL FORMATE (DOT) * PROPYL METHANOATE * UN 1281 (DOT)

TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:3980 mg/kg FCTXAV 2,327,64
1F07 orl-mus LD50:3400 mg/kg FCTXAV 2,327,64

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 20,517,59

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LR0550000 FORMIC ACID, ZINC SALT
CAS: 557-41-5 MW: 155.41 MOLFM: C2-H2-O4-Zn
SYN: NA 9150 (DOT) * ZINC DIFORMATE * ZINC FORMATE * ZINC FORMATE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E, LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FORMIC ALDEHYDE see: LP8925000
FORMIC BLACK BA see: QJ6160000
FORMIC BLACK C see: QJ6160000
FORMIC BLACK CW see: QJ6160000
FORMIC BLACK MTG see: QJ6160000
FORMIC BLACK TG see: QJ6160000
FORMIC ETHER see: LQ8400000
FORMIC HYDRAZIDE see: LQ8615000
FORMIC 2-(4-(5-NITROFURYL)-2-THIAZOLYL)HYDRAZIDE see: LQ9275000
FORMID see: AT6970000
FORMILOXIN see: FH4919500
FORMILOXINE see: FH4919500
FORMIMIDIC ACID, 1-CARBAMOYL- see: RO4900000
FORMIN see: MN4725000
FORMISON see: SC4900000
FORMOCORTAL see: TU3460000
FORMOCRESOL see: LP9630000
FORMOHYDRAZIDE see: LQ8615000

LR0995700 FORMOHYDROXAMIC ACID, N-(4-BIPHENYLYL)-
UPDT:8405 MW: 213.25 MOLFM: C13-H11-N-O2
SYN: N-(4-BIPHENYLYL)FORMOHYDROXAMIC ACID * N-HYDROXY-FABP * N-HYDROXY-4-FORMYLAMINOBIPHENYL

TUMORIGENIC DATA AND REFERENCES:
3V01L60R60 ipr-rat TDLo:85 mg/kg CNREA8 41,2450,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LR0996000 FORMOHYDROXAMIC ACID, N-(p-ETHOXYPHENYL)-
UPDT:8403 MW: 181.21 MOLFM: C9-H11-N-O3
SYN: N-(p-ETHOXYPHENYL)FORMOHYDROXAMIC ACID * N-HYDROXY-N-FORMYL-p-PHENETIDINE

MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate CRNGDP 4,1615,83
mma-sat 1 mg/plate CRNGDP 4,1615,83

LR1010000 FORMOHYDROXAMIC ACID, N-(2-FLUORENYL)-
UPDT:8307 MW: 225.26 MOLFM: C14-H11-N-O2
SYN: N-(2-FLUORENYL)FORMOHYDROXAMIC ACID * N-FORMYL-N-2-FLUORENYLHYDROXYLAMINE * N-HYDROXY-N-2-FORMYLAMINOFLUORENE

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate CRNGDP 3,233,82
mma-sat 5 ug/plate CNREA8 40,1204,80

TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 par-rat TDLo:2815 ug/kg CRNGDP 3,233,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LR1028000 FORMOHYDROXAMIC ACID, N-METHYL-
UPDT:8312 CAS: 21239-12-3 MW: 75.08 MOLFM: C2-H5-N-O2
SYN: FORMAMIDE, N-HYDROXY-N-METHYL- (9CI) * N-METHYLFORMHYDROXAMSAURE (German) * N-METHYLFORMOHYDROXAMIC ACID * N-METHYLHYDROXAMIC ACID

TOXICITY DATA AND REFERENCES:
* scu-rat LD50:1500 mg/kg ARZNAD 18,645,68
* unk-rat LD50:1500 mg/kg DZMKAS 62,32,74

FORMOL see: LP8925000
FORMOMALLMIC THALLIUM see: OO1770000
FORMOPAN see: PB0380000
FORMOSA CAMPHOR see: EX1225000
FORMOSA CAMPHOR OIL see: EX1490000
FORMOSE OIL of CAMPHOR see: EX1490000
FORMOSULFACETAMIDE see: AC8450000
FORMOSULFATHIAZOLE see: WP2360000
FORMOTEROL FUMARATE DIHYDRATE see: LQ2988000
FORMOTHION see: TE1050000
FORMPARANATE see: FB9880000
FORMULA 40 see: AG6825000
FORMULA 40 see: AG8400000
FORMULA 300 see: WI2800000
FORMVAR 1285 see: AK0920000
4'-FORMYLACETANILIDE THIOSEMICARBAZONE see: AE3850000
2-FORMYLAMINOFLUORENE see: LQ2975000
2-FORMYLAMINO-4-(5-NITRO-2-FURYL)THIAZOLE see: LQ3150000
2-FORMYLAMINO-4-(4-NITRO-2-PYRROLYL)THIAZOLE see: LQ3159000
2-FORMYLAMINO-4-(5-NITRO-2-PYRROLYL)THIAZOLE see: LQ3159500
2-FORMYLAMINO-4-(4-NITRO-2-THIENYL)THIAZOLE see: LQ3160000
2-FORMYLAMINO-4-(5-NITRO-2-THIENYL)THIAZOLE see: LQ3163000
3-FORMYLAMINO-2,4,6-TRIIODOBENZOIC ACID see: DM1421000
6-FORMYLANTHANTHRENE see: HO6650000
7-FORMYLBENZ(c)ACRIDINE see: CU3100000
p-FORMYLBENZALDEHYDE see: WZ0430000
4-FORMYLBENZALDEHYDE see: WZ0430000
7-FORMYLBENZO(c)ACRYDINE see: CU3100000
6-FORMYLBENZO(a)PYRENE see: DJ4910000
2-FORMYL-3,4-BENZPHENANTHRENE see: DI8500000
2-FORMYLCINCHONINIC ACID AMIDINOHYDRAZONE see: GD3865000
2-FORMYLCINCHONINIC ACID AMIDINOHYDRAZONE HYDRATE see: GD3865400
2-FORMYLCINCHONINIC ACID 2-ETHYLHYDRAZONE see: GD3866000
2-FORMYLCINCHONINIC ACID 2-(2-HYDROXYETHYL)HYDRAZONE HYDROGENSULFATE (ester) see: GD3867000
2-FORMYLCINCHONINIC ACID 2-METHYLHYDRAZONE see: GD3867300
2-FORMYLCINCHONINIC ACID METHYLHYDRAZONE HYDRATE see: GD3867350
2-FORMYLCINCHONINIC ACID (5-NITRO-2-FUROYL)HYDRAZONE see: GD3867400
2-FORMYLCINCHONINIC ACID OXIME see: GD3867500
2-FORMYLCINCHONINIC ACID OXIME SODIUM SALT see: GD3867600
2-FORMYLCINCHONINIC ACID 3-THIOCARBAZONE HYDRATE see: GD3867650
2-FORMYLCINCHONINIC ACID 3-THIOCARBOHYDRAZONE see: GD3867700
2-FORMYLCINCHONINIC ACID 3-THIOSEMICARBAZONE see: GD3867800
2-FORMYLCINCHONINIC ACID 3-THIOSEMICARBAZONE HYDRATE see: GD3867820
2-FORMYLCINCHONINIC ACID 3-THIOSEMICARBAZONE SODIUM SALT see: GD3867850
4-FORMYLCYCLOHEXENE see: GW2800000
N-FORMYLDAUNORUBICIN see: QI9295600
5-FORMYL-2'-DEOXYURIDINE see: UV7700100
5-FORMYL-1,2,3,4-DIBENZOPYRENE see: HO6660000
5-FORMYL-3,4,8,9-DIBENZOPYRENE see: HO6300000
5-FORMYL-3,4,9,10-DIBENZOPYRENE see: DI5950000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

FORMYLDIENOLONE see: BV7985000
3-FORMYL-DIGITOXIGENIN see: FH4975800
3-12-FORMYL-DIGOXIGENIN see: FH5420000
2-FORMYL-3,4-DIHYDRO-2H-PYRAN see: UP6825000
N-FORMYLDIMETHYLAMINE see: LQ2100000
p-FORMYLDIMETHYLANILINE see: CU5775000
3-(p-FORMYL-N-ETHYLANILINO)PROPIONITRILE see: UG2370000
alpha-FORMYLETHYLBENZENE see: CY1460000
2-(1-FORMYLETHYL)-5-METHYLCYCLOPENTANECARBOXYLIC ACID see: GY2770000
N-FORMYL N-2-FLUORENYLHYDROXYLAMINE see: LR1C10000
3-FORMYL-GITALOXIGENIN see: FH5421000
3-16-FORMYL-GITOXIGENIN see: FH5421000
16-FORMYL-GITOXIGENIN see: FH5423000
16-FORMYL-GITOXIN see: LZ1130000
5-FORMYLGUAIACOL see: CU6540000
6-FORMYLGUAIACOL see: CU6530000
FORMYLHYDRAZIDE see: LQ8615000
FORMYLHYDRAZINE see: LQ8615000
N-FORMYLHYDRAZINE see: LQ8615000
2-(2-FORMYLHYDRAZINO)-4-(5-NITRO-2-FURYL)THIAZOLE see: LQ9273000
N-FORMYL HYDROXYAMINOACETIC ACID see: MC0550000
(R,R)-alpha-(1-FORMYL-2-HYDROXYETHOXY)-1,6-DIHYDRO-6-OXO-9H-PURINE-9-ACETALDEHYDE see: UO7451000
alpha-(1-FORMYL-2-HYDROXYETHOXY)-6-(METHYLAMINO)-9H-PURINE-9-ACETALDEHYDE see: UO7451200
alpha-(1-FORMYL-2-HYDROXYETHOXY)-9H-PURINE-9-ACETALDEHYDE see: UO7450900
N-FORMYL-N-HYDROXYGLYCINE see: MC0550000
2-FORMYL-11-alpha-HYDROXY-delta(sup 1)-METHYLTESTOSTERONE see: BV7985000
FORMYLIC ACID see: LQ4900000
4-FORMYL-1-(((2-IMIDAZOLIDINYLIDENESULFONIO)METHOXY)METHYL)PYRIDINIUM DICHLORIDE OXIME see: UU4140000
2-FORMYL-3'-IODO-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME see: UU4148000
4'-FORMYL-3-IODO-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME see: UU4150000
4-FORMYL-4'-(ISOPROPYLTHIO)-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME see: UU4170000
S-(2-(FORMYLMETHYLAMINO)-2-OXOETHYL) O,O-DIMETHYLPHOSPHORODITHIOATE see: TE1050000
2-FORMYL-17-alpha-METHYLANDROSTA-1,4-DIENE-11-alpha,17-beta-DIOL-3-ONE see: BV7985000
6-FORMYL-12-METHYLANTHANTHRENE see: HO7000000
7-FORMYL-9-METHYLBENZ(c)ACRIDINE see: CU3150000
7-FORMYL-11-METHYLBENZ(c)ACRIDINE see: CU3325000
7-FORMYL-12-METHYLBENZ(a)ANTHRACENE see: CW0875000
12-FORMYL-7-METHYLBENZ(a)ANTHRACENE see: CW0900000
N-FORMYL-N-METHYLCARBAMOYLMETHYL O,O-DIMETHYL PHOSPHORODITHIOATE see: TE1050000
S-(N-FORMYL-N-METHYLCARBAMOYLMETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE1050000
S-(N-FORMYL-N-METHYLCARBAMOYLMETHYL) DIMETHYL PHOSPHOROTHIOLOTHIONATE see: TE1050000
2-FORMYL-3'-(METHYLCARBAMOYL)-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE 2-OXIME see: UU4190000
5-FORMYL-8-METHYL-3,4:9,10-DIBENZOPYRENE see: DI6125000
5-FORMYL-10-METHYL-3,4:8,9-DIBENZOPYRENE see: HO6825000
2-FORMYL-5-METHYLFURAN see: LT7032500
N-FORMYL-N-METHYLHYDRAZINE see: LQ8940000
N-FORMYL-N-METHYL-p-(PHENYLAZO)ANILINE see: BY1800000
2-FORMYL-1-METHYLPYRIDINIUM ACETATE OXIME see: UU4180000 PYRIDINIUM, 2-FORMYL-1-METHYL-, ACETATE, OXIME
2-FORMYL-1-METHYLPYRIDINIUM CHLORIDE OXIME see: UU4200000
2-FORMYL-1-METHYLPYRIDINIUM DIHYDROGEN PHOSPHATE OXIME see: UU4350000
2-FORMYL-1-METHYLPYRIDINIUM HYDROGEN SULFATE OXIME see: UU4360000
2-FORMYL-1-METHYLPYRIDINIUM IODIDE OXIME see: UU4375000
2-FORMYL-1-METHYLPYRIDINIUM LACTATE OXIME see: UU4550000
2-FORMYL-1-METHYLPYRIDINIUM METHANESULFONATE OXIME see: UU4570000
2-FORMYL-1-METHYLPYRIDINIUM NITRATE OXIME see: UU4585000
2-FORMYL-N-METHYLPYRIDINIUM OXIME CHLORIDE see: UU4200000
2-FORMYL-N-METHYLPYRIDINIUM OXIME IODIDE see: UU4375000
2-FORMYL-N-METHYLPYRIDINIUM OXIME LACTATE see: UU4550000
2-FORMYL-N-METHYLPYRIDINIUM OXIME METHANESULFONATE see: UU4570000
4'-FORMYL-3-(METHYLSULFONYL)-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME see: UU4722000
4-FORMYL-4'-(METHYLTHIO)-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME see: UU4725100
4-FORMYLMONOMETHYLAMINOAZOBENZENE see: BY1800000
N-FORMYLMORPHOLINE see: QD9694000
4-FORMYLMORPHOLINE see: QD9694000
4a-FORMYL-1,4,4a,5a,6,9,9a,9b-OCTAHYDRODIBENZOFURAN see: HP5075000
2-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME see: UU4728000
FORMYLOXYTRIBENZYLSTANNANE see: WH8277000
o-FORMYLPHENOL see: VN5250000
2-FORMYLPHENOL see: VN5250000
(p-FORMYLPHENYL)TRIMETHYLAMMONIUM IODIDE see: BQ6825020
4-FORMYLPHENYLTRIMETHYLAMMONIUM IODIDE see: BQ6825020
3-FORMYLPROPANOIC ACID see: WM3380000
beta-FORMYLPROPIONALDEHYDE see: WM3200000
beta-FORMYLPROPIONIC ACID see: WM3380000
3-FORMYLPROPIONIC ACID see: WM3380000
2-FORMYLQUINOXALINE 1,4-DIOXIDE CARBOMETHOXYHYDRAZONE see: FE2779000
N-(2-(4-FORMYLTHIAZOLYL))ACETANILIDE 2,4-DINITROPHENYL-HYDRAZONE see: AE3800000
1-FORMYL-3-THIOSEMICARBAZIDE see: VT3325000
FORMYL TRICHLORIDE see: FS9100000
8-FORMYL-1,6,7-TRIHYDROXY-5-ISOPROPYL-3-METHYL-2,2'-BISNAPHTHALENE see: DU3100000
1-FORMYL-3,5,6-TRIMETHYL-3-CYCLOHEXENE and 1-FORMYL-2,4,6-TRIMETHYL-3-CYCLOHEXENE see: GW3400000
FORMYL VIOLET S4BN see: BQ1140000
FOROCIDIN III see: WG9415000
FOROCIDINE III see: WG9415000
FOROMACIDIN see: WG9400000
FOROMACIDIN C see: WG9415000
FOROMACIDINE C see: WG9415000
FOROTOX see: TA0700000
FORPEN see: XH9700000

LR6911000 FORPHEMICINOL
UFDT-8305

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:5500 mg/kg JANTAJ 35,1049,82
* ipr-mus LD50:5000 mg/kg JANTAJ 35,1049,82

LR6920000 FORRESTIA MOLLISSIMA (Bl.) Koorders var. HISPIDA (Less & Rich) Baker, extract
DEF-Indian plant belonging to the family COMMELINACEAE (IJEBA6 15,208,77)
UFDT-8408

TOXICITY DATA AND REFERENCES:
3F07M10U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

FORRON see: AJ8400000
FORSAN see: AT6970000
FORSAN 048 see: AT6970000
FORSTAN see: FG1400000
FORSTAN 048 see: AT6970000

LR7120000 FORSTERONIA FLORIBUNDA (Sw.) A.DC., leaf and stem extract
DEF-Jamaican plant belonging to the family APOCYNACEAE (JPPMAB 14,556,62)
UFDT-8405

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:20 gm/kg JPPMAB 14,556,62

FORST U 46 see: AJ8400000
FOR-SYN see: GZ1310000
FORTACYL see: AM4375000
FORTALGESIC see: PB8750000
FORTALIN see: PB8750000
FORTECORTIN see: TU3980000
FORTEX see: AJ8400000
FORTHANE see: SC0800000
FORTHANE SULFATE see: SC0879200
FORTHION see: WM8400000
FORTIFLEX 6015 see: TQ3325000
FORTIFLEX A 60/500 see: TQ3325000
FORTIGRO see: FE2779000
FORTIMICIN A see: NM7521490
FORTIMICIN A SULFATE see: NM7521500
FORTION NM see: TE1750000
FORTODYL see: KE1050000
FORTOMBRINE M see: LZ4295880
FORTOMBRINE-N see: DG0888000
FORTOSHADE M see: LZ4295880
FORTRACIN see: CP0175000
FORTRACIN (BACITRACIN-MD) see: CP0749000
FORTRAL see: PB8750000
FORTROL see: UG1490000
FORTURF see: NT2600000
FORTYLENE see: AT6970000
FOSAMINE AMMONIUM see: OC5180000
FOSCARNET SODIUM see: SY8200000 PHOSPHINECARBOXYLIC ACID, DIHYDROXY-, OXIDE, TRISODIUM SALT
FOSCHLOR see: TA0700000
FOSCHLOREM (Polish) see: TA0700000
FOSCHLOR R-50 see: TA0700000
FOSCRIN see: GQ5250000
FOSETYL AL see: SZ9640000
FOSFAKOL see: TC2275000
FOS-FALL 'A' see: TG5425000
FOSFAMID see: TE1750000
FOSFAMIDON (Dutch) see: TC2800000
FOSFAMIDONE (Italian) see: TC2800000
FOSFAZIDE see: NI5192500
FOSFERMO see: TF4550000
FOSFERNO see: TF4550000
FOSFERNO M 50 see: TG0175000
FOSFESTROL see: WJ5680000
FOSFEX see: TF4550000
FOSFIVE see: TF4550000
FOSFOCINA see: SZ7890000
FOSFOMOLYBDENAN SODNY (Czech) see: WD6600000
FOSFOMYCIN see: SZ7890000
FOSFOMYCIN CALCIUM see: SZ7895000
FOSFOMYCIN CALCIUM SALT see: SZ7895000
FOSFOMYCIN DISODIUM see: SZ7902000
FOSFOMYCIN DISODIUM SALT see: SZ7902000
FOSFOMYCIN SODIUM see: SZ7902000
FOSFOMYCIN SODIUM SALT see: SZ7902000
FOSFON D see: TA2975000
FOSFONO 50 see: TE4550000
FOSFONOMYCIN see: SZ7890000
FOSFORAN TRO-(1,3-DWUCHLOROIZOPROPYLOWY) (Polish) see: UB1473000
FOSFORO BIANCO (Italian) see: TH3500000
FOSFORO(PENTACLORURO DI) (Italian) see: TB6125000
FOSFORO(TRICLORURO DI) (Italian) see: TH3675000
FOSFOROWODOR (Polish) see: SY7525000
FOSFORPENTACHLORIDE (Dutch) see: TB6125000
FOSFORTRICHLORIDE (Dutch) see: TH3675000
FOSFORZUUROPLOSSINGEN (Dutch) see: TB6300000
FOSFOTHION see: WM8400000
FOSFOTION see: WM8400000
FOSFOTOX see: TE1750000
FOSFOTOX R see: TE1750000
FOSFOTOX R 35 see: TE1750000
FOSFURI DI ALLUMINIO (Italian) see: BD1400000
FOSFURI DI MAGNESIO (Italian) see: OM4200000
FOSGEEN (Dutch) see: SY5600000
FOSGEN (Polish) see: SY5600000
FOSGENE (Italian) see: SY5600000
FOSOVA see: TF4550000
FOSPIRAT see: TC5450000
FOSPIRATE see: TC5450000
FOSPIRATE METHYL see: TC5450000
FOSSIL FLOUR see: VV7310000
FOSTEN see: YN5080000
FOSTER GRANT 834 see: WL6475000
FOSTERN see: TF4550000
FOSTHIETAN see: NJ6490000
FOSTION see: TD8225000
FOSTION MM see: TE1750000
FOSTOX see: TF4550000
FOSTRIL see: SM0700000
FOSVEL see: TB1720000
FOSVEX see: UX6825000
FOSZFAMIDON (Hungarian) see: TC2800000
FOTRIN see: XX9470000
FOUADIN see: CC2850000
FOUMARIN see: GN4850000
FOURAMINE see: XS9625000
FOURAMINE BA see: ST2705000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

FOURAMINE BROWN AP see: UX2800000
FOURAMINE D see: SS8050000
FOURAMINE EG see: SJ4900000
FOURAMINE ERN see: QL2800000
FOURAMINE J see: XS9625000
FOURAMINE OP see: SJ4950000
FOURAMINE P see: SJ5075000
FOURAMINE PCN see: UX1050000
FOURAMINE 2R see: ST3000000
FOURAMINE RS see: VG9625000
FOURAMINE STD see: XT0524000
FOURNEAU 190 see: CF8400000
FOURNEAU 309 see: QM7000000
FOURNEAU 933 see: TM4550000
FOURNEAU 1162 see: WO8400000
FOURNEAU 2559 see: BS1100000
FOURNEAU 2987 see: SO4200000
FOURRINE 1 see: SS8050000
FOURRINE 36 see: ST3000000
FOURRINE 57 see: SJ6303000
FOURRINE 64 see: ST0350000
FOURRINE 65 see: SJ4900000
FOURRINE 68 see: UX1050000
FOURRINE 76 see: ST2705000
FOURRINE 79 see: VG9625000
FOURRINE 84 see: SJ5075000
FOURRINE 85 see: UX2800000
FOURRINE 88 see: AD8225000
FOURRINE 94 see: XS9625000
FOURRINE 99 see: QL2800000
FOURRINE A see: AD8225000
FOURRINE BROWN PR see: SJ6303000
FOURRINE BROWN PROPYL see: SJ6303000
FOURRINE BROWN 2R see: ST3000000
FOURRINE D see: SS8050000
FOURRINE DS see: ST0350000
FOURRINE EG see: SJ4900000
FOURRINE ERN see: QL2800000
FOURRINE EW see: VG9625000
FOURRINE M see: XS9625000
FOURRINE P BASE see: SJ5075000
FOURRINE PG see: UX2800000
FOURRINE SLA see: ST2705000
FOUR THOUSAND FORTY-NINE see: WM8400000
FOVANE see: DK8400000
FOWLER'S SOLUTION see: CG3800000
FOY see: DG2800800
FOZALON see: TD5175000
FP 4 see: TQ3325000
FP 70 see: DU8341000
FPA see: DW1050000
F.P.D.C. see: GA4050000
F 10 (PESTICIDE) see: OP0700000
FPF 1002 see: MF0035500
p-FPHE see: AY6310000
(D-p-F-PHE(sup 2)-D-ALA(sup 6))-LHRH see: OK6490000
(D-p-F-PHE(sup 2)-D-ALA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6490000
F 080PP see: UD1842000
FR 222 see: EL9470000
FR 300 see: KN3525000
FR 1138 see: TY3195500
FR 3068 see: AG9300000
FR-13,479 see: XI0368000
FR 02A see: QA2807000
FRABEL see: UQ8400000
FRACINE see: LT7700000
FRACTION AB see: SN8925000
FRADEMICINA see: RH6315500
FRAESEOL see: MW5250000
FRAMAZONE see: LT7750000
FRAMBINONE see: EL8925000
FRAMED see: XY5250000
FRANGULA EMODIN see: CB7920600
FRANGULIN A (BCI) see: CB0164000
FRANGULOSIDE see: CB0164000
FRANKINCENSE see: RK3250000
FRANKLIN see: EV9580000
FRANOCIDE see: TL1225000
FRANOZAN see: TL1225000
FRANROZE see: YR0450000
FRATOL see: AH9100000
FRAZALON see: BV8061000
FR 300BA see: KN3525000
FREE ACID see: WK4250000
FREE BENZYLPENICILLIN see: XH9400000
FREE COCONUT OIL see: GG6040000
FREE HISTAMINE see: MS1050000
FREEMANS WHITE LEAD see: OG4375000
FREE PENICILLIN G see: XH9400000
FREE PENICILLIN II see: XH9400000
FREEURIL see: DK8400000

LS5654000 FREEZE PROOF
DEF:Solar heat transfer fluid composed of propylene glycol and inhibitors (NTIS** LMF-69)
UPDT:8305
TOXICITY DATA AND REFERENCES:
3F07F12F24 orl-rat LDLo:24 gm/kg NTIS** LMF-69

FRENACTIL see: DE1900000
FRENACTIL see: DE1925000
FREKVEN see: UB7525000
FRENACTYL see: DE1900000
FRENACTYL see: DE1925000
FRENANTOL see: UH1925000
FRENCH GREEN see: GL6475000
FRENCH ROSE ABSOLUTE see: VL0434000
FRENOGASTRICO see: BP7632500
FRENOHYPON see: UH1925000
FRENOLYSE see: GU8400000
FRENQUEL see: TN0925000
FRENQUEL HYDROCHLORIDE see: TN0925000
FRENTIROX see: NI8615000
FREON see: PA6390000
FREON 11 see: PB6125000
FREON 12 see: PA8200000
FREON 13 see: PA6410000
FREON 14 see: FG4920000
FREON 21 see: PA8400000
FREON 22 see: PA6390000
FREON 23 see: PB6900000
FREON 31 see: PA6408000
FREON 41 see: PA9154000
FREON 112 see: KI1420000
FREON 113 see: KJ3975000
FREON 113 see: KJ4000000
FREON 114 see: KI1101000
FREON 115 see: KH7877500
FREON 116 see: KI4110000
FREON 141 see: KI0995000
FREON 142 see: KH7650000
FREON 151 see: KH7784000 ETHANE, 1-CHLORO-1-FLUORO-
FREON 152 see: KI1410000 ETHANE, 1,1-DIFLUORO-
FREON 218 see: TZ5255000
FREON 253 see: TX6200000 PROPANE, 3-CHLORO-1,1,1-TRIFLUORO-
FREON 500 see: PA8260000
FREON 11A see: PB6125000
FREON 11B see: PB6125000
FREON 12-B2 see: PA7525000
FREON 13B1 see: PA5425000
FREON 114B2 see: KH5370300
FREON C-318 see: GU1779500
FREON F-12 see: PA8200000
FREON F-23 see: PB6900000
FREON HE see: PB6125000
FREON MF see: PB6125000
FREQUENTIC ACID see: UQ0334000
FRESCON see: QF2275000
FRESMIN see: GG3750000
FREUDAL see: DF1575000

LS6860000 FREUND'S ADJUVANT
UPDT:8403 CAS: 9007-81-2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 par-rat TDLo:1 gm/kg (1D pre) JRPFA4 14,147,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FRIDERON see: DM2520000

LS6872000 D:A-FRIEDO-24,30-DINOROLEANA-1(10),3,5,7-TETRAENE-2,21-DIONE, 3-HYDROXY-, (20-beta)-
UPDT:8308 CAS: 50802-21-6 MW: 420.64 MOLFM: C28-H36-O3
SYN: MAITENIN * MAYTENIN * TINGENIN A * TINGENON * TINGENONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:15 mg/kg 85GDA2 8(1),91,82

FRIGEN see: PA6390000
FRIGEN 11 see: PB6125000
FRIGEN 12 see: PA8200000
FRIGEN 114 see: KI1101000
FRIGEN 113 TR-T see: KJ4000000
FRIGIDERM see: KI1101000
FRISIUM see: DE9600000

LS6953500 FRITILLARIA IMPERIALIS Linn., bulb extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

LS6953600 FRITILLARIA ROYLEI Hook., bulb extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

FROBEN see: DU8341000
FRP 53 see: KN3525000
FRUCOTE see: EO3325000
FRUCTOFURANOSIDE, alpha-D-GLUCOPYRANOSYL, beta-D see: WN6500000
beta-D-FRUCTOFURANOSIDE, alpha-D-GLUCOPYRANOSYL see: WN6500000
beta-D-FRUCTOFURANOSYL-6-CHLORO-6-DEOXY-alpha-D-GLUCOPYRANOSIDE see: LZ5851000

LS7000000 FRUCTOPYRANOSE, beta-D-
UPDT:8401 CAS: 7660-25-5 MW: 180.18 MOLFM: C6-H12-O6
SYN: FRUCTOSE * FRUIT SUGAR * FRUTABS * LAEVORAL * LAEVOSAN * LEVUGEN * LEVULOSE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:5000 mg/kg GANNA2 46,371,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FRUCTOSE see: LS7000000
FRUGALAN see: LU9775000
FRUITDO see: VC5250000
FRUITONE see: QJ0590000
FRUITONE see: QJ0875000
FRUITONE A see: AJ8400000
FRUITONE N see: QJ0875000
FRUITONE T see: UF8225000
FRUIT RED A EXTRA YELLOWISH GEIGY see: QK1925000
FRUIT RED A GEIGY see: QJ6550000
FRUIT SUGAR see: LS7000000
FRUMIDOR see: BA3675000
FRUMIN AL see: TD9275000
FRUMIN G see: TD9275000
FRUSEMIN see: CB2625000
FRUSEMIDE see: CB2625000
FRUSID see: CB2625000
FRUSTAN see: DF1575000
FRUTABS see: LS7000000
FSH see: LP6330000
FSH-P see: LP6330000
FSR 3 see: NS1750000
FT see: PC3200000
FT-4 see: KX4025000
FT 8 see: DK8225000
FT-207 see: YR0450000
FTAALZUURANHYDRIDE (Dutch) see: TI3150000
F1-TABS see: WB0350000

BEST COPY AVAILABLE

FTAFLEX DIBA see: AV1480000
FTALAN see: TI5685000
FTALAZOL see: TM8575000
FTALOPHOS see: TE2275000
FTALOWY BEZWODNIK (Polish) see: TI3150000
FTAXILIDE see: TH8490000 PHTHALANILIC ACID, 2',6'-DIMETHYL-
F 6060 TETRASODIUM DIPHOSPHATE see: SK7010000
FTORAFUR see: YR0450000
FTORIN see: US7977800
FTORIN (PHARMACEUTICAL) see: US7977800
FTORLON 4 see: KX4025000
FTORLON F-4MB see: KX4025000
FTORLON 4M see: KX4025000
FTOROPLAST 4 see: KX4025000
FTOROPLAST 4B see: KX4025000
FTOROPLAST 4D see: KX4025000
FTOROPLAST F-4 see: KX4025000
FTOROPLAST FBF 74D see: KX4025000
FTOROPLAST F 4MB see: KX4025000
FTOROPLAST 4K20 see: KX4025000
FTOROPLAST 4M see: KX4025000
FTOROTAN (Russian) see: KM6550000
F-2 TOXIN see: DM2550000
FT mixt. with URACIL (1:4) see: YR0480000
FU see: YR0350000
5-FU see: YR0350000
FUADIN see: CC2850000
FUADINE see: CC2850000
FUBERIDATOL see: DD9010000
FUBERIDAZOLE see: DD9010000
FUBERISAZOL see: DD9010000
FUBRIDAZOLE see: DD9010000

LS8455000 FUCHSIA MAGELLANICA Law., extract excluding roots
DEF:Indian plant belonging to the family ONAGRACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:150 mg/kg IJEBA6 15,208,77

FUCHSIN (basic) see: ZE9705000
p-FUCHSIN see: CX9850000
FUCHSINE see: CX9855000
FUCHSINE A see: CX9855000
FUCHSINE BASE see: ZE9705000
FUCHSINE CS see: CX9855000
FUCHSINE DR-001 see: CX9850000
FUCHSINE G see: CX9855000
FUCHSINE HF BASE see: ZE9705000
FUCHSINE HO see: CX9855000
FUCHSINE N see: CX9855000
FUCHSINE SPC see: CX9850000
FUCHSINE RTN see: CX9855000
FUCHSINE Y see: CX9855000
FUCHSIN SP see: CX9850000
FUCIDIN see: LV5775000
FUCIDINA see: LV5775000
FUCIDINE see: LV5775000
FUCLASIN see: ZH0525000
FUCLASIN ULTRA see: ZH0525000
FUDR see: YU7525000
5-FUDR see: YU7525000

LS8954000 FUEL OIL, pyrolyzate
UPDT:8305
SYN: WATER QUENCH PYROLYSIS FUEL OIL
TUMORIGENIC DATA AND REFERENCES:
3V01R60J60 skn-mus TDLo:977 gm/kg/8W-I AIHAAP 38,730,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FU-N-G see: LZ6572600
FUGACILLIN see: ON9105000
5-FU N-GLUCURONIDE see: LZ6572600
5-FU O-beta-D-GLUCURONIDE see: LZ6501000
FUGOA see: RC9275000
FUGU POISON see: IO1450000
FUJI 1 see: TY1846000
FUJIONE see: TY1846000
FUJI-ONE see: TY1846000
FUKI-NO-TOH (Japanese) see: SE5095000
FUKINOTOXIN see: SE5085000
FUKINOTOXIN (neutral) see: SE5085000
FUKLASIN see: ZH0525000
FUKLASIN see: NO8750000
FUKLASIN ULTRA see: NO8750000
FULAID see: YR0450000
FULCIN see: WG9800000
FULCINE see: WG9800000
FULFEEL see: YR0450000
FUL-GLO see: LM5425000
FULLSAFE see: CB4375000
FULMINATE of MERCURY, wet (DOT) see: OW4055000
FULMINATE OF MERCURY, DRY see: OW4050000
FULMINATE OF MERCURY, WET see: OW4055000

LS9320000 FULMINIC ACID (DOT)
UPDT:8308 CAS: 506-85-4 MW: 42.02 MOLFM: C-N-O
STANDARDS & REGULATIONS: ARD
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

LS9330000 FULMINIC ACID, AMMONIUM SALT
UPDT:8308 MW: 85.06 MOLFM: C-N-O .H-N3
SYN: AMMONIUM FULMINATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

LS9340000 FULMINIC ACID, SILVER(1+) SALT
UPDT:8308 CAS: 5610-59-3 MW: 149.89 MOLFM: C-N-O .Ag
SYN: SILVER FULMINATE, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

FULSIX see: CB2625000
FULUMINOL see: UY0704600
FULUVAMIDE see: CB2625000
FULVICAN GRISACTIN see: WG9800000
FULVICIN see: WG9800000
FULVICIN-P/G see: WG9800000
FULVICIN-U/F see: WG9800000
FULVINA see: WG9800000
FULVISTATIN see: WG9800000
FUMAFER see: LT1950000
FUMAGON see: TX8750000
FUMARATE ACIDE de l'ISOPROPYLAMINOACETYLAMINO-1 METHYLE-2 METHOXY-4 ISOPROPYLE-5 BENZENE see: AE4315000
FUMARATE de (beta-DIETHYLAMINOETHYL)-1 TETRAHYDRO-2,3,4,5 1H-PYRIDO(3,2-b)AZPINONE-2 (French) see: UU7876200
FUMARATE de (gamma-DIMETHYLAMINOPROPYL)-1 TETRAHYDRO-2,3,4,5 1H-PYRIDO(2,3-b)AZEPINONE-2 see: UU7876300
FUMAR-F see: LT1950000

LS9617000 FUMARIA OFFICINALIS, alkaloidal extract
UPDT:8408
SYN: SADA
TOXICITY DATA AND REFERENCES:
1G08 ivn-mus LD50:55 mg/kg KHFZAN 11(5),56,77

LS9618000 FUMARIA OFFICINALIS Linn., seed extract
DEF:Indian plant belonging to the family FUMARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H02M10 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

LS9619000 FUMARIA PARVIFLORA Lamk., extract
DEF:Indian plant belonging to the family FUMARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1N22 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

LS9625000 FUMARIC ACID
UPDT:8308 CAS: 110-17-8 MW: 116.08 MOLFM: C4-H4-O4
SYN: ALLOMALEIC ACID * BOLETIC ACID * trans-BUTENEDIOIC ACID * BUTENEDIOIC ACID, (E)- * 1,2-ETHENEDICARBOXYLIC ACID, trans- * trans-1,2-ETHYLENEDICARBOXYLIC ACID * 1,2-ETHYLENEDICARBOXYLIC ACID, (E) * FUMARIC ACID (DOT) * KYSELINA FUMAROVA (Czech) * LICHENIC ACID * NA 9126 (DOT) * NSC-2752 * U-1149 * USAF EK-P-583
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD 28ZPAK -,51,72
eye-rbt 100 mg/24H SEV 28ZPAK -,51,72
MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate BECTA6 24,590,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:10700 mg/kg TXAPA9 42,417,77
ipr-rat LDLo:587 mg/kg JAPMA8 35,298,46
ipr-mus LD50:200 mg/kg CNCRA6 30,9,63
orl-rbt LDLo:5000 mg/kg IECHAD 15,628,23
skn-rbt LD50:20 gm/kg TXAPA9 42,417,77
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172 101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LS9800000 FUMARIC ACID, BIS(2-AMINOETHYL) ESTER, DIHYDROCHLORIDE
UPDT:8307 CAS: 4126-70-9 MW: 275.16 MOLFM: C8-H14-N2-O4 .2Cl-H
SYN: BIS(2-AMINOETHYL)FUMARATE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4920 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:4520 mg/kg TXAPA9 28,313,74

LT0525000 FUMARIC ACID, BIS(2-ETHYLHEXYL) ESTER
UPDT:8407 CAS: 141-02-6 MW: 340.56 MOLFM: C20-H36-O4
SYN: BIS(2-ETHYLHEXYL) FUMARATE * 2-BUTENEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER * DI(2-ETHYLHEXYL) FUMARATE * DIOCTYL FUMARATE * DOF * 2-ETHYLHEXYL FUMARATE * RC COMONOMER DOF
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:250 mg/kg NTIS** AD691-490
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LT1225000 FUMARIC ACID, DIBUTYL ESTER
UPDT:8407 CAS: 105-75-9 MW: 228.32 MOLFM: C12-H20-O4
SYN: DIBUTYL FUMARATE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 500 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8530 mg/kg AMIHBC 4,119,51
ipr-mus LD50:250 mg/kg NTIS** AD691-490
skn-rbt LD50:16 gm/kg AMIHBC 4,119,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LT1455000 FUMARIC ACID, DIHEXYL ESTER
UPDT:8305 CAS: 19139-31-2 MW: 284.44 MOLFM: C16-H28-O4
SYN: DIHEXYL trans-BUTENEDIOATE * DIHEXYL FUMARATE * HEXYL FUMARATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,709,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LT1575000 FUMARIC ACID, DIISOPROPYL ESTER
UPDT:8407 CAS: 7283-70-7 MW: 200.26 MOLFM: C10-H16-O4
SYN: DIISOPROPYL FUMARATE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3250 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:10 gm/kg AMIHBC 10,61,54

FUMARIC ACID, DIMETHYL ESTER see: EM6125000
FUMARIC ACID (DOT) see: LS9625000

LT1950000 FUMARIC ACID, IRON(2+) SALT (1:1)
UPDT:8411 CAS: 141-01-5 MW: 169.91 MOLFM: C4-H2-O4 .Fe
SYN: 2-BUTENEDIOIC ACID (E)-, IRON(2+) SALT (1:1) (9CI) * CPIRON * ERCO-FER * ERCOFERRO * FEOSTAT * FEROTON * FERROFUME * FERRONAT * FERRONE * FERROTEMP * FERROUS FUMARATE * FERSAMAL * FIRON * FUMAFER * FUMAR-F * FUMIRON * HEMOTON * IRCON * IRON FUMARATE * ONE-IRON * PALAFER * TOLERON * TOLFERAIN * TOLIFER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3850 mg/kg NIIRDN 6,683,82
* ipr-rat LD50:185 mg/kg NIIRDN 6,683,82
* scu-rat LD50:500 mg/kg NIIRDN 6,683,82
* orl-mus LD50:1570 mg/kg AJMSA9 241,296,61
* ipr-mus LD50:480 mg/kg AJMSA9 241,296,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FUMARIC ACID, METHYL- see: OX5075000

BEST COPY AVAILABLE

FUMARIN see: GN4850000
FUMARINE see: VS2800000

LT2300000 FUMARONITRILE
UPDT:8408 CAS: 764-42-1 MW: 78.08 MOLFM: C4-H2-N2
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:132 mg/kg TOLEDS 12,157,82
* ivn-mus LD50:56 mg/kg CSLNX* NX#05718
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FUMAROYL CHLORIDE see: LT2800000
FUMARYLCHLORID (Czech) see: LT2800000

LT2800000 FUMARYL CHLORIDE
UPDT:8308 CAS: 627-63-4 MW: 152.96 MOLFM: C4-H2-Cl2-O2
SYN: CHLORURE DE FUMARYLE (French) * DICHLORID KYSELINY FUMAROVE (Czech) * FUMAROYL CHLORIDE * FUMARYLCHLORID (Czech) * FUMARYL CHLORIDE (DOT) * TL 189 * UN 1780 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/24H SEV 28ZPAK -,53,72
eye-rbt 20 mg/24H SEV 28ZPAK -,53,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:810 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:500 ppm/4H AIHAAP 30,470,69
ihl-mus LCLo:1000 mg/m3/10M NDRC** NDCrc-132,May,42
skn-rbt LD50:1410 mg/kg AIHAAP 30,470,69
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

FUMARYL CHLORIDE (DOT) see: LT2800000
FUMASOL see: GN4850000
FUMASOL see: GN4860000
FUMAZONE see: TX8750000
FUMAZONE 86 see: TX8750000
FUMAZONE 86E see: TX8750000
FUMED SILICA see: VV7310000
FUMED SILICON DIOXIDE see: VV7310000
FUMETOBAC see: QS5250000
FUMIGACLAVINE A see: KE6345400
FUMIGANT-1 (OBS.) see: PA4900000

LT3090000 FUMIGATOXIN
DEF:Produced by the fungus ASPERGILLUS FUMIGATUS (41KEAL -,109,78)
UPDT:8308
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:200 ug/kg NIPDAD (35),1,78
* unk-mus LDLo:150 mg/kg 41KEAL -,108,78

FUMIGRAIN see: AT5250000
FUMING LIQUID ARSENIC see: CG1750000
FUMING SULFURIC ACID see: WS5605000
FUMING SULFURIC ACID (DOT) see: WS5605000
FUMIRON see: LT1950000
FUMITOXIN see: BD1400000
FUMO-GAS see: KH9275000
FUNDAL see: LQ4375000
FUNDAL 500 see: LQ4375000
FUNDAL SP see: LQ4550000
FUNDASOL see: DD6475000
FUNDAZOL see: DD6475000
FUNDEX see: LQ4375000
FUNDUSCEIN see: LM5425000
FUNGACETIN see: AK3675000

LT3685250 FUNGAL EXTRACT, ASPERGILLUS CLAVATUS, spores
UPDT:8303
SYN: ASPERGILLUS CLAVATUS SPORES EXTRACT
TUMORIGENIC DATA AND REFERENCES:
3V02P62J60 par-mus TDLo:48 gm/kg/4D-C BJCAAI 45,105,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LT3686400 FUNGAL EXTRACT, EPICOCCUM NIGRUM
DEF:Extract from the fungi grown on fescue hay (MMAPAP 31,327,67)
UPDT:8306
SYN: EPICOCCUM NIGRUM, filtrate
TOXICITY DATA AND REFERENCES:
2P01P27 ipr-mus LD50:20 gm/kg MMAPAP 31,327,67

LT3686500 FUNGAL EXTRACT, FUSARIUM MONILIFORME
UPDT:8402
SYN: FUSARIUM MONILIFORME EXTRACT
MUTATION DATA AND REFERENCES:
mma-sat 25 uL/disc AEMIDF 35,1150,78

FUNGICHEX see: OV9100000
FUNGICHROMIN see: LT3850000 FUNGICHROMIN, HYDRATE

LT3850000 FUNGICHROMIN, HYDRATE
UPDT:8408 CAS: 6834-98-6 MW: 688.95 MOLFM: C35-H58-O12 H2-O
SYN: ANTIBIOTIC A-246 * COGOMYCIN * FUNGICHROMIN * 14-HYDROXYFILIPIN * LAGOSIN * MOLDCIDIN B * NSC-105388 * PENTAMYCIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1624 mg/kg 85GDA2 2,212,80
* ipr-mus LDLo:16400 ug/kg ABANAE 2,716,54/55

FUNGICIDE 328 see: XI2625000
FUNGICIDE 1991 see: DD6475000
FUNGICLOR see: DA6650000
FUNGIFEN see: SM6300000
FUNGIFOS see: FD9320000
FUNGILIN see: BU2625000
FUNGILON see: DE2275000
FUNGIMAR see: GL8050000

LT4350000 FUNGINON
UPDT:8309 MW: 144.14 MOLFM: C6-H8-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:109 mg/kg 85GDA2 5,371,81
* ipr-mus LD50:20 mg/kg 85GDA2 5,371,81
* ivn-mus LD50:24 mg/kg 85GDA2 5,371,81

FUNGISONE see: BU2625000
FUNGITOX see: BA3675000
FUNGITOX OR see: OV6475000
FUNGIVIN see: WG9800000
FUNGIZONE see: BU2625000
FUNGO see: BA3675000
FUNGO 50 see: BA3675000
FUNGOL see: VV8754000
FUNGOL B see: WB0350000
FUNGONIT GF 2 see: VV8754000
FUNGOSTOP see: ZH0525000
FUNGUS BAN TYPE II see: GW5075000
FUNITUMIDINE see: TU4200000
FUNITUMINE see: TU4375000
FU-O-G see: LZ6501000
FUR see: YU8050000
5-FUR see: YU8050000
FURACILIN see: LT7700000
FURACILLIN see: LT7700000
FURACIN see: DO7525000
FURACIN see: LT7700000
FURACINE see: LT7700000
FURACIN-E see: LT7700000
FURACINETTEN see: LT7700000
FURACIN-HC see: LT7700000
FURACOCCID see: LT7700000
FURACORT see: LT7700000
FURACYCLINE see: LT7700000
FURADAN see: FB9450000
FURADANTIN see: MU2800000
FURADANTINE see: MU2800000
FURADANTOIN see: MU2800000
FURADONIN see: MU2800000
FURADONINE see: MU2800000
FURADROXYL see: LT7400000
FURAFLUOR see: YR0450000
FURAGIN K see: MU3871000
FURAL see: LT7000000

LT7000000 2-FURALDEHYDE
UPDT:8412 CAS: 98-01-1 MW: 96.09 MOLFM: C5-H4-O2
SYN: ARTIFICIAL ANT OIL * ARTIFICIAL OIL OF ANTS * FURAL * FURALE * 2-FURANALDEHYDE * 2-FURANCARBONAL * 2-FURANCARBOXALDEHYDE * FURFURAL * 2-FURFURAL * FURFURAL (DOT) * FURFURALDEHYDE * FURFURALE (Italian) * FURFUROL * FURFUROLE * 2-FURIL-METANALE (Italian) * FUROLE * alpha-FUROLE * 2-FURYL-METHANAL * NCI-C56177 * PYROMUCIC ALDEHYDE * RCRA WASTE NUMBER U125 * UN 1199 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,139,72
skn-rbt 500 mg/24H MLD FCTXAV 16,759,78
eye-rbt 20 mg/24H SEV 28ZPAK -,139,72
MUTATION DATA AND REFERENCES:
mma-sat 7 uL/plate MUREAV 58,205,78
cyt-ham:ovr 2500 umol/L CALEDQ 13,89,81
TOXICITY DATA AND REFERENCES:
3D25D35J30 ihl-hmn TCLo:600 ug/m3 GISAAA 26,3,61
3F07J30P01 orl-rat LD50:127 mg/kg FCTXAV 2,327,64
ihl-rat LCLo:153 ppm/4H 28ZPAK -,139,72
* ipr-rat LD50:20 mg/kg FCTXAV 16,759,78
orl-mus LD50:400 mg/kg BIJOAK 34,1196,40
* ipr-mus LD50:102 mg/kg FCTXAV 16,759,78
* scu-mus LD50:119 mg/kg FCTXAV 16,759,78
* ivn-mus LD50:152 mg/kg FCTXAV 16,759,78
* scu-dog LD50:214 mg/kg FCTXAV 16,759,78
* ivn-dog LD50:250 mg/kg FCTXAV 16,759,78
orl-rbt LDLo:800 mg/kg JPETAB 21,65,23
* skn-rbt LDLo:620 mg/kg FCTXAV 16,759,78
scu-rbt LDLo:500 mg/kg HYSAAV 32,158,67
* ims-rbt LD50:78 mg/kg FCTXAV 16,759,78
orl-gpg LD50:541 mg/kg HYSAAV 32,158,67
* scu-gpg LDLo:100 mg/kg FCTXAV 16,759,78
par-frg LDLo:23 gm/kg JPETAB 21,65,23
REVIEW AND REFERENCES:
★ TLV-TWA 2 ppm; STEL 10 ppm (skin) DTLVS* 4,200,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-C) FEREAC 39,23540,74
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S17#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-FURALDEHYDE, 2,3:4,5-BIS(2-BUTENYLENE)TETRAHYDRO- see: HP5075000

LT7031100 2-FURALDEHYDE, 5-(HYDROXYMETHYL)-
UPDT:8401 CAS: 67-47-0 MW: 126.12 MOLFM: C6-H6-O3
SYN: 2-FURANCARBOXALDEHYDE, 5-(HYDROXYMETHYL)- (9CI) * HMF * 5-HYDROXYMETHYLFURALDEHYDE * 5-(HYDROXYMETHYL)FURFURAL * HYDROXYMETHYLFURFUROLE * 5-OXYMETHYLFURFUROLE
TUMORIGENIC DATA AND REFERENCES:
2V03M61 scu-rat TDLo:200 mg/kg JNCIAM 47,1037,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LT7032500 2-FURALDEHYDE, 5-METHYL-
UPDT:8305 CAS: 620-02-0 MW: 110.12 MOLFM: C6-H6-O2
SYN: 2-FURANCARBOXALDEHYDE, 5-METHYL-2-FURALDEHYDE * 5-METHYL-2-FURANCARBOXALDEHYDE * 5-METHYL FURFURAL * 5-METHYL-2-FURFURAL * 5-METHYLFURFURALDEHYDE
MUTATION DATA AND REFERENCES:
cyt-ham:ovr 37700 umol/L CALEDQ 13,89,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2200 mg/kg FCTOD7 20(Suppl),751,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LT7200000 2-FURALDEHYDE, 5-NITRO-
UPDT:8305 CAS: 698-63-5 MW: 141.09 MOLFM: C5-H3-N-O4
SYN: 5-FURANCARBOXALDEHYDE, 5-NITRO- (9CI) * 5-NITRO-2-FURALDEHYDE * NITROFURFURAL * 5-NITROFURFURAL * 5-NITROFURFURALDEHYDE
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate MUREAV 81,21,81
mma-esc 1 nmol/plate MUREAV 81,21,81
dnr-esc 50 ug/disc MUREAV 81,21,81
mmo-omi 1 gm/L AMACCQ 9,682,76
mmo-eug 8 mg/L JPROAR 12,34,65
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

LT7400000 2-FURALDEHYDE, 5-NITRO-, 2-(2-HYDROXYETHYL)SEMICARBAZONE
UPDT:8406 CAS: 405-22-1 MW: 242.22 MOLFM: C8-H10-N4-O5
SYN: FURADROXYL * HYDRAZINECARBOXAMIDE, 1-(2-HYDROXYETHYL)-2-((5-NITRO-2-FURANYL)METHYLENE)- * NIDROXYZONE * 5-NITRO-2-FURALDEHYDE-2-(2-HYDROXYETHYL)SEMICARBAZONE * USAF EA-3
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T09 orl-rat TDLo:1800 mg/kg (30D male) ANREAK 112,367,52

BEST COPY AVAILABLE

1T02 orl-rat TDLo:1800 mg/kg (30D male) ENDOAO 56,727,55
2T12T13 orl-mus TDLo:3360 mg/g (14D pre) ENDOAO 69,331,61
1T14 orl-mus TDLo:5520 mg/kg (23D pre) ENDOAO 69,331,61
1T02 orl-mus TDLo:1200 mg/kg (10D male) ENDOAO 69,331,61
1T03 orl-mus TDLo:2520 mg/kg (21D male) ENDOAO 69,331,61

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:600 mg/kg JAPMA8 39,313,50
ipr-mus LD50:200 mg/kg NTIS** AD277-689

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LT7420000 2-FURALDEHYDE, 5-NITRO-, 5-(2-HYDROXYETHYL)SEMIOXAMAZONE
UPDT:8406 MW: 270.23 MOLFM: C9-H10-N4-O6
SYN: 5-NITRO-2-FURALDEHYDE 5-(2-HYDROXYETHYL)SEMIOXAMAZONE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3000 mg/kg JAPMA8 39,313,50

LT7487000 2-FURALDEHYDE, 5-NITRO-, 2-METHYLSEMICARBAZONE
UPDT:8406 MW: 212.19 MOLFM: C7-H8-N4-O4
SYN: 5-NITRO-2-FURALDEHYDE 2-METHYLSEMICARBAZONE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg JAPMA8 39,313,50

LT7487500 2-FURALDEHYDE, 5-NITRO-, 4-METHYLSEMICARBAZONE
UPDT:8406 CAS: 5407-73-8 MW: 212.19 MOLFM: C7-H8-N4-O4
SYN: 5-NITRO-2-FURALDEHYDE 4-METHYLSEMICARBAZONE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:200 mg/kg JAPMA8 39,313,50

LT7525000 2-FURALDEHYDE, 5-NITRO-, OXIME
UPDT:8303 CAS: 555-15-7 MW: 156.11 MOLFM: C5-H4-N2-O4
SYN: 2-FURALDOXIME, 5-NITRO- * MICOFUR * NIFUROXIME * 5-NITRO-2-FURALDEHYDE OXIME * 5-NITRO-2-FURALDOXIME * NITROFUROXIME * USAF EA-5

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate MUREAV 48,295,77
mmo-esc 2 mg/L MUREAV 53,289,78
mma-esc 10 mg/L BJCAAI 37(Suppl 3),124,78
mmo-eug 20 mg/L JPROAR 17,129,70

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg NTIS** AD277-689
* ivn-mus LD50:80 mg/kg CSLNX* NX#05399

LT7700000 2-FURALDEHYDE, 5-NITRO-, SEMICARBAZONE
UPDT:8412 CAS: 59-87-0 MW: 198.16 MOLFM: C6-H6-N4-O4
SYN: ALDOMYCIN * ALFUCIN * AMIFUR * BABROCID * BECAFURACINE * BIOFURACINA * BIOFUREA * CHEMOFURAN * CHIXIN * COCAFURIN * COXISTAT * DERMOFURAL * DYNAZONE * ELDEZOL * ELDEZOL F-6 * FEDACIN * FLAVAZONE * FRACINE * FURACILIN * FURACILLIN * FURACIN * FURACINE * FURACINE * FURACINETTEN * FURACIN-HC * FURACOCCID * FURACORT * FURACYCLINE * FURALDON * FURALONE * FURAMETRAL * FURAN-OFTENO * FURAPLAST * FURASEPTYL * FURASKIN * FURAZILINE * FURAZIN * FURAZINA * FURAZOL W * FURAZONE * FURESOL * FURFURIN * FUROSEM * FUVACILLIN * HEMOFURAN * HYDRAZINECARBOXAMIDE, 2-((5-NITRO-2-FURANYL)METHYLENE)- * IBIOFURAL * MAMMEX * MASTOFURAN * MONOFURACIN * NCI-C56064 * NEFCO * NF * NF-7 * NFS * NFZ * NIFUCIN * NIFURID * NIFUZON * NITROFURAL * NITROFURALDEHYDE SEMICARBAZONE * 5-NITROFURALDEHYDE SEMICARBAZIDE * a-NITROFURALOEMYDE SEMICARBAZIDE * 5-NITRO-2-FURALDEHYDE SEMICARBAZONE * 5-NITROFURAN-2-ALDEHYDE SEMICARBAZONE * 5-NITRO-2-FURANCARBOXALDEHYDE SEMICARBAZONE * 2((5-NITRO-2-FURANYL)METHYLENE)HYDRAZINECARBOXAMIDE * NITROFURAZAN * NITROFURAZONE * 5-NITRO-2-FURFURALDEHYDE SEMICARBAZONE * 5-NITROFURFURAL SEMICARBAZONE * 5-NITRO 2-FURFURAL SEMICARBAZONE * (5-NITRO-2-FURFURYLIDENEAMINO)UREA * NITROZONE * NSC 2100 * OTOFURIN * SANFURAN * SPRAY-DERMIS * SPRAY-FURAL * U-8421 * USAF EA-4 * VABROCID * VADROCID * VETERINARY NITROFURAZONE * YATROCIN

MUTATION DATA AND REFERENCES:
mmo-sat 31200 ng/L CHABA8 98,108591c,80
mma-sat 10 ng/L MUREAV 44,139,77
mmo-esc 300 nmol/well CNREA8 34,2266,74
mma-esc 10 mg/L BJCAAI 37(Suppl 3),124,78
dnr-esc 180 umol/L MUREAV 67,133,79
mrc-esc 500 nmol/well CNREA8 34,2266,74
dnd-esc 1 mg/L MUREAV 107,1,83
oms-esc 50 mg/L CBINA8 14,81,76
pic-esc 1 mg/L MUREAV 26,3,74
mmo-bcs 5 gm/L MUREAV 42,19,77
dnr-bcs 5 gm/L MUREAV 42,19 77
pic-omi 1 mg/L CHDDAT 272,886,71
mmo-nsc 1 mmol/L MUREAV 56,13,77
mmo-eug 50 mg/L JPROAR 17,129,70
dnd-hmn:oth 250 umol/L CNREA8 35,781,75
dnd-mus/ast 80 mg/kg CNREA8 35,781,75
dnd-mus:lym 500 umol/L/90M-C BJCAAI 40,94,79
dnd-mus:fbr 250 umol/L CNREA8 35,781,75
dnd-mus:oth 500 umol/L CBINA8 16,223,77
dni-mus:lym 500 umol/L/90M-C BJCAAI 40,94,79
dni-mus:oth 100 mg/L ONCODU 19,183,80
dnd-ham:kdy 250 umol/L CNREA8 35,781,75
dni-ham:lng 10 umol/L/6D-C BJCAAI 40,94,79
cyt-ham:lng 100 mg/L/27H MUREAV 66,277,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:700 mg/kg (7D male) APJAAG 14,261,64
2T02T09 orl-rat TDLo:840 mg/kg (14D male) ENDOAO 53,585,53
2T35T46 scu-mus TDLo:300 mg/kg (10D preg) TJADAB 12,206,75
2T35T59 unk-mus TDLo:900 mg/kg (9-11D preg) TJADAB 14,250,76

TUMORIGENIC DATA AND REFERENCES:
3V02M61R60 orl-rat TDLo:31 gm/kg/45W-C FEPRA7 25,419,66
2V03R60 orl-rat TD :4500 mg/kg/27D-I CNREA8 28,924,68

TOXICITY DATA AND REFERENCES:
orl-rat LD50:590 mg/kg JAMAAP 133,299,47
scu-rat LD50:3000 mg/kg JAMAAP 133,299,47
* orl-mus LD50:249 mg/kg TRSTAZ 74,43,80
* ipr-mus LD50:96 mg/kg JMCMAR 10,530,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 2,365,73; CCSUDL 4,171,78
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 7,171,74

STATUS:
NTP CARCINOGENESIS STUDIES: ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LT7750000 2-FURALDEHYDE, 5-NITRO-, SEMIOXAZONE
UPDT:8406 CAS: 3270-71-1 MW: 226.17 MOLFM: C7-H6-N4-O5
SYN: ACETIC ACID, AMINOOXO-, ((5-NITRO-2-FURANYL)METHYLENE)HYDRAZIDE (9CI) * FRAMAZONE * FURAMAZONE * NF 84 * NIFURALDEZON * NIFURALDEZONE * 5-NITRO-2-FURALDEHYDE SEMIOXAZONE

MUTATION DATA AND REFERENCES:
mmo-eug 10 mg/L JPROAR 17,129,70

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg JAPMA8 39,313,50

LT7875000 2-FURALDEHYDE, 5-NITRO-, THIOSEMICARBAZONE
UPDT:8406 CAS: 831-71-0 MW: 214.22 MOLFM: C6-H6-N4-O3-S
SYN: BENZAZON VII * 5-NITRO-2-FURALDEHYDE THIOSEMICARBAZONE * USAF EA-14

MUTATION DATA AND REFERENCES:
mmo-sat 125 ug/L CHABA8 98,108591c,80
dnr-esc 10 mg/L FOMIAZ 25,388,80

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg JAPMA8 39,313,50
ipr-mus LD50:50 mg/kg NTIS** AD277-689

FURALDON see: LT7700000
2-FURALDOXIME, 5-NITRO- see: LT7525000
FURALE see: LT7000000
FURALONE see: LT7700000
FURALTADONE see: RQ3620000
FURALTADONE see: RQ3640000
FURALTADONE HYDROCHLORIDE see: RQ3630000
FURAMAZONE see: LT7750000
FURAMETHRIN see: GZ2003000
FURAMETRAL see: LT7700000

LT8520000 FURAMIDE, 2-METHYL-N-PHENYL-
UPDT:8309 CAS: 24691-80-3 MW: 201.24 MOLFM: C12-H11-N-O2
SYN: FENFURAM * FENURAM * 3-FURANCARBOXAMIDE, 2-METHYL-N-PHENYL- (9CI) * 3-FURANILIDE, 2-METHYL- * 2-METHYLFURAN-3-CARBOXANILIDE * PANORAM

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:12900 mg/kg FMCHA2 -,C103,83

LT8520100 2-FURAMIDE, 5-NITRO-
UPDT:8403 MW: 156.11 MOLFM: C5-H4-N2-O4
SYN: 5-NITRO-2-FURAMIDE * 5-NITRO-2-FUROYLAMIDE

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate JOPHDQ 1,15,78

LT8520200 2-FURAMIDINE, 5-(o-AMINOPHENYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 237.71 MOLFM: C11-H11-N3-O Cl-H
SYN: 5-(o-AMINOPHENYL)-2-FURAMIDINE HYDROCHLORIDE * 5-(2'-AMINOPHENYL)-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-rat LD50:320 mg/kg ARZNAD 33,1411,83
1F03 orl-mus LD50:1040 mg/kg ARZNAD 33,1411,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LT8520400 2-FURAMIDINE, 5-(p-AMINOPHENYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 237.71 MOLFM: C11-H11-N3-O Cl-H
SYN: 5-(p-AMINOPHENYL)-2-FURAMIDINE HYDROCHLORIDE * 5-(4'-AMINOPHENYL)-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-rat LD50:180 mg/kg ARZNAD 33,1411,83
1F03 orl-mus LD50:208 mg/kg ARZNAD 33,1411,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LT8520500 2-FURAMIDINE, 5-(o-BROMOPHENYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 301.59 MOLFM: C11-H9-Br-N2-O Cl-H
SYN: 5-(o-BROMOPHENYL)-2-FURAMIDINE HYDROCHLORIDE * 5-(2'-BROMOPHENYL)-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:240 mg/kg ARZNAD 33,1411,83

LT8520700 2-FURAMIDINE, 5-(o-CHLOROPHENYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 257.13 MOLFM: C11-H9-Cl-N2-O Cl-H
SYN: 5-(o-CHLOROPHENYL)-2-FURAMIDINE HYDROCHLORIDE * 5-(2'-CHLOROPHENYL)-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:206 mg/kg ARZNAD 33,1411,83

LT8520800 2-FURAMIDINE, 5-(o-FLUOROPHENYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 240.68 MOLFM: C11-H9-F-N2-O Cl-H
SYN: 5-(o-FLUOROPHENYL)-2-FURAMIDINE HYDROCHLORIDE * 5-(4'-FLUOROPHENYL)-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:370 mg/kg ARZNAD 33,1411,83

LT8520900 2-FURAMIDINE, 5-(p-(2-HYDROXYETHYL)PHENYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 266.75 MOLFM: C13-H14-N2-O2 Cl-H
SYN: 5-(p-(2-HYDROXYETHYL)PHENYL)-2-FURAMIDINE HYDROCHLORIDE * 5-(4'-(HYDROXYETHYLPHENYL))-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:400 mg/kg ARZNAD 33,1411,83

LT8521100 2-FURAMIDINE, 5-(p-ISOPROPYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 280.78 MOLFM: C14-H16-N2-O2 Cl-H
SYN: 5-(p-ISOPROPYLPHENYL)-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:165 mg/kg ARZNAD 33,1411,83

LT8521200 2-FURAMIDINE, 5-(p-METHOXYPHENYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 252.72 MOLFM: C12-H12-N2-O2 Cl-H
SYN: 5-(p-METHOXYPHENYL)-2-FURAMIDINE HYDROCHLORIDE * 5-(4'-METHOXYPHENYL)-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:115 mg/kg ARZNAD 33,1411,83

LT8521300 2-FURAMIDINE, 5-(p-METHYLTHIO)PHENYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 268.78 MOLFM: C12-H12-N2-O-S Cl-H
SYN: 5-(p-METHYLTHIO)PHENYL)-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:400 mg/kg ARZNAD 33,1411,8C

LT8521400 2-FURAMIDINE, 5-(o-NITROPHENYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 267.69 MOLFM: C11-H9-N3-O3 Cl-H
SYN: 5-(o-NITROPHENYL)-2-FURAMIDINE HYDROCHLORIDE * 5-(2'-NITROPHENYL)-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-rat LD50:1610 mg/kg ARZNAD 33,1411,83
1F03 orl-mus LD50:139 mg/kg ARZNAD 33,1411,83

LT8521600 2-FURAMIDINE, 5-(p-NITROPHENYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 267.69 MOLFM: C11-H9-N3-O3 Cl-H
SYN: 5-(p-NITROPHENYL)-2-FURAMIDINE HYDROCHLORIDE * 5-(4'-NITROPHENYL)-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:260 mg/kg ARZNAD 33,1411,83

LT8521700 2-FURAMIDINE, 5-PHENYL-, MONOHYDROCHLORIDE
UPDT:8403 MW: 222.69 MOLFM: C11-H10-N2-O Cl-H
SYN: 5-PHENYL-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:190 mg/kg ARZNAD 33,1411,83

LT8521800 2-FURAMIDINE, 5-(p-TOLYL)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 236.72 MOLFM: C12-H12-N2-O Cl-H
SYN: 5-(p-TOLYL)-2-FURAMIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F03 orl-mus LD50:160 mg/kg ARZNAD 33,1411,83

LT8522100 2-FURAMIDOXIME, 5-NITRO-
UPDT:8403 CAS: 772-43-0 MW: 172.11 MOLFM: C5-H4-N2-O5
SYN: N-HYDROXY-5-NITRO-2-FURANCARBOXIMIDAMIDE * 5-NITRO-2-FURAMIDOXIME

MUTATION DATA AND REFERENCES:
mmo-sat 100 pmol/plate CRNGDP 2,283,81

BEST COPY AVAILABLE

mma-sat 100 ng/plate MUREAV 40,9,76
dnr-sat 500 nmol/well CNREA8 34,2266,74
mma-esc 300 nmol/well CNREA8 34,2266,74
mrc-esc 500 nmol/well CNREA8 34,2266,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

LT8524000 FURAN
UPDT:8412 CAS: 110-00-9 MW: 68.08 MOLFM: C4-H4-O
SYN: DIVINYLENE OXIDE * FURAN (DOT) * FURFURAN * NCI-C56202 * OXACYCLOPENTADIENE * OXOLE * RCRA WASTE NUMBER U124 * TETROLE * UN 2389 (DOT)

MUTATION DATA AND REFERENCES:
cyt-ham:ovr 184 mmol/L CALEDQ 13,89,81

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:5200 ug/kg AIHAAP 40,310,79
2J15J30 ihl-mus LC50:120 mg/m3/1H AIHAAP 40,310,79
ipr-mus LD50:7 mg/kg AIHAAP 40,310,79

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

FURANACE see: UT5023000
FURANACE-10 see: UT5023000
2-FURANACETAMIDE, alpha-((5-NITRO-2-FURANYL)METHYLENE)- (9CI) see: AS3500000

LT8524900 delta(sup 2(5H),alpha)-FURANACETIC ACID, 3-HYDROXY-4-(p-METHOXYPHENYL)-5-OXO-alpha- PHENYL-, METHYL ESTER
UPDT:8308 CAS: 481-64-1 MW: 352.36 MOLFM: C20-H16-O6
SYN: 4-METHOXYVULPINIC ACID * PINASTRIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg 85GDA2 9,54,82

LT8530750 2-FURANACROLEIN, alpha-METHYL-5-NITRO-, SEMICARBAZONE
UPDT:8406 CAS: 3455-70-7 MW: 238.23 MOLFM: C9-H10-N4-O4
SYN: alpha-METHYL-5-NITRO-2-FURANACROLEIN SEMICARBAZONE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3000 mg/kg JAPMA8 39,313,50

2-FURANACRYLAMIDE, alpha-2-FURYL-5-NITRO- (8CI) see: AS3500000

LT8540000 2-FURANACRYLAMIDE, 5-NITRO-
UPDT:8305 CAS: 710-25-8 MW: 182.15 MOLFM: C7-H6-N2-O4
SYN: ACRYLAMIDE, 3-(5-NITRO-2-FURYL) * 3-(5-NITRO-2-FURYL)ACRYLAMIDE * 5-NITRO-2-FURYLACRYLAMIDE * 3-(5-NITRO-2-FURYL)-2-PROPENAMIDE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate JOPHDQ 1,15,78
mma-sat 100 ng/plate MUREAV 40,9,76
dnr-sat 500 nmol/well CNREA8 34,2266,74
mma-esc 300 nmol/well CNREA8 34,2266,74
mrc-esc 500 nmol/well CNREA8 34,2266,74

TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:475 gm/kg/46W-C FEPRA7 38,1403,79

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LT8560500 2-FURANACRYLIC ACID, alpha-ACETYL-5-NITRO-, ETHYL ESTER
UPDT:8306 CAS: 70207-84-5 MW: 253.23 MOLFM: C11-H11-N-O6
SYN: alpha-ACETYL-5-NITRO-2-FURANACRYLIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:600 mg/kg APFRAD 30,843,72

LT8564000 2-FURANACRYLIC ACID, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER
UPDT:8312 MW: 360.87 MOLFM: C19-H21-Cl-N2-O3
SYN: 1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 2-FURANACRYLATE (ester)

TOXICITY DATA AND REFERENCES:
3A11F07F29 ipr-mus LD50:2200 mg/kg JPMSAE 55,290,66

LT8566000 2-FURANACRYLIC ACID, 5-NITRO-
UPDT:8306 CAS: 6281-23-8 MW: 183.13 MOLFM: C7-H5-N-O5
SYN: 5-NFA * 5-NITRO-2-FURANACRYLIC ACID * NITROFURYLACRYLAMIDE * 5-NITRO-2-FURYL ACRYLIC ACID * 3-(5-NITRO-2-FURYL)ACRYLIC ACID * 2-PROPENOIC ACID,3-(5-NITRO-2-FURANYL)- (9CI)

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate JOPHDQ 1,15,78
dnr-sat 500 nmol/well CNREA8 34,2266,74
mma-esc 300 nmol/well CNREA8 34,2266,74
dnr-esc 50 ug/disc MUREAV 81,21,81
mrc-esc 500 nmol/well CNREA8 34,2266,74
pic-esc 1 ug/plate MUREAV 81,21,81
sln-dmg-orl 5 mmol/L NEOLA4 29,675,82
mmo-smc 100 mg/L NEOLA4 29,675,82
mrc-smc 250 mg/L NEOLA4 29,675,82
dns-hmn:fbr 5 umol/L IDZAAW 48,291,73
dni-hmn:fbr 30 mg/L STBIBN 78,165,80
oms-hmn:lym 30 mg/L NEOLA4 29,675,82
bfa-hmn/sat 14 mg/kg MUREAV 77,13,80
cyt-hmn:lym 5 umol/L IDZAAW 48,291,73
bfa-mus/sat 75 mg/kg MUREAV 77,1,80
hma-mus/sat 15 mg/kg MUREAV 77,1,80

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

LT8570000 2-FURANACRYLIC ACID, 5-NITRO-, SODIUM SALT
UPDT:8403 MW: 189.11 MOLFM: C7-H4-N-O4-Na
SYN: 5-NFA SODIUM SALT * 5-NITRO-2-FURANACRYLIC ACID SODIUM SALT * 3-(5-NITRO-2-FURYL)ACRYLIC ACID SODIUM SALT

MUTATION DATA AND REFERENCES:
msc-ham:lng 30 mg/L NEOLA4 30,7,83

2-FURANALDEHYDE see: LT7000000
2-FURANCARBINOL see: LU9100000
2-FURANCARBONAL see: LT7000000
2-FURANCARBOXALDEHYDE see: LT7000000
2-FURANCARBOXALDEHYDE, 5-(HYDROXYMETHYL)- (9CI) see: LT7031100
5-FURANCARBOXALDEHYDE, 5-NITRO- (9CI) see: LT7200000
3-FURANCARBOXAMIDE, 2-METHYL-N-PHENYL- (9CI) see: LT8520000
FURAN-alpha-CARBOXYLIC ACID METHYL ESTER see: LV1950000
2-FURANCARBOXYLIC ACID, 5-NITRO (9CI) see: LV2012000

LU0284000 2-FURANCARBOXYLIC ACID, 2-(((PHENYLMETHYL)AMINO)THIOXOMETHYL)HYDRAZIDE
UPDT:8311 CAS: 63224-31-7 MW: 275.35 MOLFM: C13-H13-N3-O2-S
SYN: BENZYL-1 FUROYL-4 THIOSEMICARBAZIDE (French) * 2-FUROIC ACID, 4-BENZYL-3-THIOSEMICARBAZIDE

TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1200 mg/kg EJMCA5 12,117,77

LU0470000 3,3-FURANDICARBOXYLIC ACID, TETRAHYDRO-4-METHYLENE-5-OXO-, DIETHYL ESTER
UPDT:8406
SYN: alpha-METHYLENE-beta,beta-DI(ETHOXYCARBONYL)-gamma-BUTYROLACTONE

MUTATION DATA AND REFERENCES:
dni-mus:ast 2143 umol/L JPMSAE 67,1235,78

LU0525000 FURAN, 2,3-DICHLOROTETRAHYDRO-
UPDT:8401 CAS: 3511-19-1 MW: 141.00 MOLFM: C4-H6-Cl2-O
SYN: 2,3-DICHLOROTETRAHYDROFURAN

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:888 mg/kg/74W-I JNCIAM 48,1431,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LU0700000 FURAN, DIMETHYL-
UPDT:8407 CAS: 28802-49-5 MW: 96.14 MOLFM: C6-H8-O
SYN: DIMETHYL FURANE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 26,269,44
eye-rbt 5 mg SEV AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
orl-rat LD50:300 mg/kg JIHTAB 26,269,44
skn-gpg LD50:1000 mg/kg JIHTAB 26,269,44

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,5-FURANDIONE see: ON3675000
2,5-FURANDIONE, DIHYDRO- see: WN0875000
2,5-FURANDIONE, 3-METHYL- see: GE6825000
2,5-FURANDIONE, polymer with 1,1'-OXYBIS(ETHENE) (9CI) see: ON4250000
FURAN (DOT) see: LT8524000

LU1433000 3-FURANETHYLAMINE, N,N-DIMETHYL-2,5-DIPHENYL-, HYDROCHLORIDE
UPDT:8406 MW: 327.88 MOLFM: C20-H21-N-O-Cl-H
SYN: N,N-DIMETHYL-2,5-DIPHENYL-3-FURANETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:50 mg/kg JPPMAB 17,236,65

FURANIDINE see: LU5950000
3-FURANILIDE, 2-METHYL- see: LT8520000
FURANIUM see: LM5425000
2-FURANMETHANAMINE, N-METHYL-N-(1-METHYL-2-PHENYLETHYL)-, (+)- (9CI) see: LU9775000

LU2100000 2-FURANMETHANETHIOL
UPDT:8402 CAS: 98-02-2 MW: 114.17 MOLFM: C5-H6-O-S
SYN: FURFURYL MERCAPTAN * USAF B-58

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:1260 mg/kg (42D male) FCTXAV 15,383,77

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg NTIS** AD277-689

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-FURANMETHANOL see: LU9100000

LU2450000 2-FURANMETHANOL, TETRAHYDRO-
UPDT:8411 CAS: 97-99-4 MW: 102.15 MOLFM: C5-H10-O2
SYN: FURFURYL ALCOHOL, TETRAHYDRO- * GO THFA * TETRAHYDRO-2-FURANCARBINOL * TETRAHYDRO-2-FUYANMETHANOL * TETRAHYDROFURFURYL ALCOHOL * TETRAHYDROFURYLALKOHOL (Czech) * TETRAHYDRO-2-FURYLMETHANOL * THFA

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg TXAPA9 39,129,77
eye-rbt 20 mg/24H SEV 28ZPAK -,138,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2500 mg/kg HYSAAV 32,273,67
ipr-rat LDLo:1000 mg/kg JPPMAB 11,150,59
orl-mus LD50:2300 mg/kg HYSAAV 32,273,67
* ivn-rbt LD50:725 mg/kg FEPRA7 8,294,49
orl-gpg LD50:3000 mg/kg HYSAAV 32,273,67

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LU2625000 FURAN, 2-METHYL-
UPDT:8408 CAS: 534-22-5 MW: 82.11 MOLFM: C5-H6-O
SYN: 2-METHYLFURAN (Czech) * METHYLFURAN (DOT) * 2-METHYLFURAN (DOT) * SILVAN (Czech) * SYLVAN * UN 2301 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,138,72

MUTATION DATA AND REFERENCES:
cyt-ham:ovr 75300 umol/L CALEDQ 13,89,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:167 mg/kg 28ZPAK -,138,72
ihl-rat LCLo:377 ppm/4H 28ZPAK -,138,72
* scu-rat LC50:10 gm/m3/2H 85GMAT -,84,82
* unk-rat LD50:480 mg/kg GISAAA 46(2),68,81
* unk-mus LD50:600 mg/kg GISAAA 46(2),68,81
* unk-rbt LD50:455 mg/kg GISAAA 46(2),68,81
* unk-gpg LD50:730 mg/kg GISAAA 46(2),68,81

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LU2630000 FURAN, 3-METHYL-
UPDT:8406 CAS: 930-27-8 MW: 82.11 MOLFM: C5-H6-O
SYN: 3-METHYLFURAN

TOXICITY DATA AND REFERENCES:
3F07J25U01 ihl-mus LC50:3022 mg/m3/1H TXAPA9 72,124,84

2-FURANMETHYLAMINE see: LU9275000

LU2796000 3-FURANMETHYLAMINE, N,N-DIMETHYL-2,5-DIPHENYL-, HYDROCHLORIDE
UPDT:8406 MW: 313.85 MOLFM: C19-H19-N-O-Cl-H
SYN: N,N-DIMETHYL-2,5-DIPHENYL-3-FURANMETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:180 mg/kg JPPMAB 17,236,65

LU2798000 FURAN, 2-METHYL-5-NITRO-
UPDT:8305 MW: 127.11 MOLFM: C5-H5-N-O3
SYN: 5-NITRO-2-METHYLFURAN

MUTATION DATA AND REFERENCES:
mmo-eug 3 mg/L JPROAR 17,129,70
otr-ham:emb 5 umol/L IJCNAW 20,607,77

LU3100000 FURAN, 2-NITRO-
UPDT:8309 CAS: 609-39-2 MW: 113.08 MOLFM: C4-H3-N-O3
SYN: NITROFURAN * 2-NITROFURAN * 5-NITROFURAN

MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 81,21,81
dnr-esc 20 ug/disc MUREAV 81,21,81
pic-esc 1 ug/plate MUREAV 81,21,81
mmo-eug 3 mg/L JPROAR 17,129,70
otr-rat:emb 1 mg/L JTEHD6 1,323,75

LU3140000 FURAN, 2-NITRO-5-(2-NITROVINYL)- (E)-
UPDT:8411 CAS: 32782-46-0 MW: 184.12 MOLFM: C6-H4-N2-O5

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:33 mg/kg CHTPBA 6,186,71

FURAN-OFTEN0 see: LT7700000

LU3420000 FURANOGERMENONE
UPDT:8303
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:590 mg/kg YKKZAJ 102,221,82

LU3464000 2(5H)-FURANONE, 4-BENZYL-
UPDT:8308 CAS: 16720-76-6 MW: 174.21 MOLFM: C11-H10-O2
SYN: BENZYLBUTENOLID * 4-BENZYL-2(5H)-FURANONE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:2150 mg/kg AIPTAK 136,440,62

LU3483000 2(3H)-FURANONE, 3-(5-(((2-CHLOROETHYL)METHYLAMINE)METHYL)VANILLYL)DIHYDRO-4-VERATRYL-, HYDROCHLORIDE
UPDT:8304 CAS: 26788-57-8 MW: 514.46 MOLFM: C25-H32-Cl-N-06 Cl-H
SYN: AgM * ARCTIGENIN MUSTARD * CHLOROETHYLMETHYLAMINOMETHYL ARCTIGENIN * 3-(5-(((2-CHLOROETHYL)METHYLAMINO)METHYL)VANILLYL)DIHYDRO-4-VERATRYL-2(3H)-FURANONE HCl
TOXICITY DATA AND REFERENCES:
3F17F19F29 ipr-mus LD50:236 mg/kg CHTHBK 15(4),250,70

LU3500000 2(3H)-FURANONE, DIHYDRO-
UPDT:8412 CAS: 96-48-0 MW: 86.10 MOLFM: C4-H6-O2
SYN: gamma-6480 * gamma-BL * BLO * BLON * 4-BUTANOLIDE * 1,2-BUTANOLIDE * 1,4-BUTANOLIDE * BUTYRIC ACID, 4-HYDROXY-, gamma-LACTONE * BUTYRIC ACID LACTONE * BUTYROLACTONE * alpha-BUTYROLACTONE * gamma-BUTYROLACTONE * 4-BUTYROLACTONE * BUTYRYLACTONE * BUTYRYL LACTONE * 4-DEOXYTETRONIC ACID * DIHYDRO-2(3H)-FURANONE * 4-HYDROXYBUTANOIC ACID LACTONE * 4-HYDROXYBUTANOIC ACID, gamma-LACTONE * gamma-HYDROXYBUTYRIC ACID CYCLIC ESTER * 4-HYDROXYBUTYRIC ACID LACTONE * 4-HYDROXYBUTYRIC ACID, gamma-LACTONE * gamma-HYDROXYBUTYRIC ACID LACTONE * gamma-HYDROXYBUTYROLACTONE * NCI-C55878 * TETRAHYDRO-2-FURANONE
MUTATION DATA AND REFERENCES:
dnd-bcs 20 uL/disc PMRSDJ 1,175,81
otr-ham:kdy 25 mg/L PMRSDJ 1,638,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:25 gm/kg (20D male) ARANDR 10,239,82
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:50 gm/kg/42W-I JNCIAM 31,41,63
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1800 mg/kg 85GMAT -,31,82
2F01J30 ipr-rat LD50:1000 mg/kg AITEAT 13,70,65
2F01J30 ipr-mus LD50:1100 mg/kg AITEAT 13,70,65
* ivn-rbt LDLo:500 mg/kg AITEAT 13,70,65
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:NEGATIVE IARC** 11,231,76
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LU3520030 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(2-CHLORO-6-FLUOROPHENYL)-, (E)-
UPDT:8312 MW: 256.67 MOLFM: C12-H10-Cl-F-O3
SYN: trans-4-ACETYL-5-(2-CHLORO-6-FLUOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83
1G30 ivn-mus LDLo:5 mg/kg EJMCA5 18,301,83

LU3520050 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(m-CHLOROPHENYL)-, (E)-
UPDT:8312 MW: 238.68 MOLFM: C12-H11-Cl-O3
SYN: trans-4-ACETYL-5-(m-CHLOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520060 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(o-CHLOROPHENYL)-, (E)-
UPDT:8312 MW: 238.68 MOLFM: C12-H11-Cl-O3
SYN: trans-4-ACETYL-5-(o-CHLOROPHENYL)-4,5-DIHYDRO-2(3H)FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520070 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(p-CHLOROPHENYL)-, (E)-
UPDT:8312 MW: 238.68 MOLFM: C12-H11-Cl-O3
SYN: trans-4-ACETYL-5-(p-CHLOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83
1G30 ivn-mus LDLo:5 mg/kg EJMCA5 18,301,83

LU3520090 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-CYCLOHEXYL-, (E)-
UPDT:8312 MW: 210.30 MOLFM: C12-H18-O3
SYN: trans-4-ACETYL-5-CYCLOHEXYL-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520100 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(2,6-DICHLOROPHENYL)-, (E)-
UPDT:8312 MW: 273.12 MOLFM: C12-H10-Cl2-O3
SYN: trans-4-ACETYL-5-(2,6-DICHLOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520110 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(3,4-DICHLOROPHENYL)-, (E)-
UPDT:8312 MW: 273.12 MOLFM: C12-H10-Cl2-O3
SYN: trans-4-ACETYL-5-(3,4-DICHLOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520120 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(3,4-DIMETHOXYPHENYL)-, (E)-
UPDT:8312 MW: 264.30 MOLFM: C14-H16-O5
SYN: trans-4-ACETYL-5-(3,4-DIMETHOXYPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520130 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(o-FLUOROPHENYL)-, (E)-
UPDT:8312 MW: 222.23 MOLFM: C12-H11-F-O3
SYN: trans-4-ACETYL-5-(o-FLUOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520140 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(p-FLUOROPHENYL)-, (E)-
UPDT:8312 MW: 222.23 MOLFM: C12-H11-F-O3
SYN: trans-4-ACETYL-5-(p-FLUOROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520150 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(2-FURYL)-, (E)-
UPDT:8312 MW: 194.20 MOLFM: C10-H10-O4
SYN: trans-4-ACETYL-5-(2-FURYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520160 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(p-METHOXYPHENYL)-, (E)-
UPDT:8312 MW: 234.27 MOLFM: C13-H14-O4
SYN: trans-4-ACETYL-5-(p-METHOXYPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520170 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(m-NITROPHENYL)-, (E)-
UPDT:8312 MW: 249.24 MOLFM: C12-H11-N-O5
SYN: trans-4-ACETYL-5-(m-NITROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520180 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(o-NITROPHENYL)-, (E)-
UPDT:8312 MW: 249.24 MOLFM: C12-H11-N-O5
SYN: trans-4-ACETYL-5-(o-NITROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520190 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(p-NITROPHENYL)-, (E)-
UPDT:8312 MW: 249.24 MOLFM: C12-H11-N-O5
SYN: trans-4-ACETYL-5-(p-NITROPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520193 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-4-PHENYL-, (E)-
UPDT:8312 MW: 204.24 MOLFM: C12-H12-O3
SYN: trans-4-ACETYL-4-PHENYL-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520196 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-PIPERONYL-, (E)-
UPDT:8312 MW: 248.25 MOLFM: C13-H12-O5
SYN: trans-4-ACETYL-5-PIPERONYL-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520300 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(2-THIENYL)-, (E)-
UPDT:8312 MW: 210.26 MOLFM: C10-H10-O3-S
SYN: trans-4-ACETYL-5-(2-THIENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520350 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(p-TOLYL)-, (E)-
UPDT:8312 MW: 218.27 MOLFM: C13-H14-O3
SYN: trans-4-ACETYL-5-(p-TOLYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520400 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-, (E)-
UPDT:8312 MW: 272.24 MOLFM: C13-H11-F3-O3
SYN: trans-4-ACETYL-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520430 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(2,4,5-TRIMETHOXYPHENYL)-(E)-
UPDT:8312 MW: 294.33 MOLFM: C15-H18-O6
SYN: trans-4-ACETYL-5-(2,4,5-TRIMETHOXYPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520440 2(3H)-FURANONE, 4,5-DIHYDRO-4-ACETYL-5-(3,4,5-TRIMETHOXYPHENYL)-, (E)-
UPDT:8312 MW: 294.33 MOLFM: C15-H18-O6
SYN: trans-4-ACETYL-5-(3,4,5-TRIMETHOXYPHENYL)-4,5-DIHYDRO-2(3H)-FURANONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg EJMCA5 18,301,83

LU3520500 2(3H)-FURANONE, DIHYDRO-3-ALLYL-5-METHYL-3-PHENYL-
UPDT:8407 MW: 216.30 MOLFM: C14-H16-O2
SYN: 3-ALLYL-5-METHYL-3-PHENYLDIHYDRO-2(3H)-FURANONE * alpha-ALLYL-alpha-PHENYL-gamma-VALEROLACTONE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:980 mg/kg FRPSAX 21,394,66

LU3562000 2(3H)-FURANONE, DIHYDRO-5-BUTYL-
UPDT:8306 CAS: 104-50-7 MW: 142.22 MOLFM: C8-H14-O2
SYN: gamma-n-BUTYL-gamma-BUTYROLACTONE * 5-HYDROXYOCTANOIC ACID LACTONE * gamma-OCTALACTONE * OCTANOLIDE-1,4 * TETRAHYDRO-6-PROPYL-2H-PYRAN-2-ONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,821,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4400 mg/kg FCTXAV 14,821,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LU3562100 2-(3H)-FURANONE, DIHYDRO-5-(BUTYLNITROSOAMINO)-
UPDT:8405 MW: 186.24 MOLFM: C8-H14-N2-O3
SYN: BBAL * 4-(N-BUTYLNITROSAMINO)-4-HYDROXYBUTYRIC ACID LACTONE * N-NITROSO-N-(BUTYL-N-BUTYROLACTONE)AMINE
MUTATION DATA AND REFERENCES:
mmo-sat 50 nmol/plate CNREAB 40,162,80
mmo-esc 500 nmol/plate CNREAB 40,162,80
dnr-bcs 100 nmol/plate CNREAB 40,162,80
TUMORIGENIC DATA AND REFERENCES:
3V01J60V10 scu-rat TDLo:70500 ug/kg/10W-I GANNA2 73,687,82
3V01J60V10 scu-rat TD :70 mg/kg/10W-I IAPUDO 41,619,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LU3569160 2(5H)-FURANONE, 4-(4,5-DIHYDRO-5,5-DIMETHYL-1-PHENYL-1H-PYRAZOL-3-YL)-3-HYDROXY-
UPDT:8308 CAS: 50413-16-6 MW: 272.33 MOLFM: C15-H16-N2-O3
SYN: 4-(4,5-DIHYDRO-5,5-DIMETHYL-1-PHENYL-1H-PYRAZOL-3-YL)-3-HYDROXY-2(5H)-FURANONE
TOXICITY DATA AND REFERENCES:
2F05F29 orl-mus LD50:1350 mg/kg ARZNAD 26,2050,76

LU3569170 2(5H)-FURANONE, 4-(4,5-DIHYDRO-5,5-DIMETHYL-1-PHENYL-1H-PYRAZOL-3-YL)-3-HYDROXY-5-METHYL-
UPDT:8308 CAS: 61566-84-5 MW: 286.36 MOLFM: C16-H18-N2-O3
SYN: 4-(4,5-DIHYDRO-5,5-DIMETHYL-1-PHENYL-1H-PYRAZOL-3-YL)-3-HYDROXY-5-METHYL-2(5H)-FURANONE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1250 mg/kg ARZNAD 26,2050,76

LU3580000 2(3H)-FURANONE, DIHYDRO-5-METHYL-
UPDT:8305 CAS: 108-29-2 MW: 100.13 MOLFM: C5-H8-O2
SYN: 4-HYDROXYPENTANOIC ACID LACTONE * 4-HYDROXYVALERIC ACID LACTONE * gamma-METHYL-gamma-BUTYROLACTONE * 4-METHYL-gamma-BUTYROLACTONE * gamma-PENTALACTONE * 4-PENTANOLIDE * gamma-VALEROLACTONE * 4-VALEROLACTONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),847,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8800 mg/kg JIHTAB 27,263,45
orl-rbt LD50:2480 mg/kg JIHTAB 27,263,45
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LU3600000 2(3H)-FURANONE, DIHYDRO-5-OCTYL-
UPDT:8305 CAS: 2305-05-7 MW: 198.34 MOLFM: C12-H22-O2
SYN: gamma-DODECALACTONE * DODECANOLIDE-1,4 * gamma-n-OCTYL gamma-n-BUTYROLACTONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,751,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

BEST COPY AVAILABLE

LU3675000 2(3H)-FURANONE, DIHYDRO-5-PENTYL-
UPDT:8305 CAS: 104-61-0 MW: 156.25 MOLFM: C9-H16-O2
SYN: ALDEHYDE C-18 * gamma-n-AMYLBUTYROLACTONE * COCONUT ALDEHYDE * 4-HYDROXYNONANOIC ACID, gamma-LACTONE * gamma-NONALACTONE * 1,4-NONALOLIDE * PRUNOLIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 13,889,75
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6600 mg/kg FCTXAV 13,889,75
2F07K01 orl-gpg LD50:3440 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LU3697000 2(3H)-FURANONE, DIHYDRO-5-PROPYL-
UPDT:8401 CAS: 105-21-5 MW: 128.19 MOLFM: C7-H12-O2
SYN: gamma-HEPTALACTONE * gamma-HEPTANOLACTONE * HEPTANOLIDE-4,1 * 4-HYDROXYHEPTANOIC ACID LACTONE * 4-HYDROXYHEPTANOIC ACID, gamma-LACTONE * gamma-PROPIOBUTYROLACTONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),703,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LU3850000 2(3H)-FURANONE, DIHYDRO-5-TETRADECYL-
UPDT:8401 CAS: 502-26-1 MW: 282.52 MOLFM: C18-H34-O2
SYN: DIHYDRO-5-TETRADECYL-2(3H)-FURANONE * gamma-STEAROLACTONE
TUMORIGENIC DATA AND REFERENCES:
3V02J60V10 scu-mus TDLo:160 mg/kg/40W-I CNREAB 30,1037,70
2V03V10 scu-mus TD :52 mg/kg/26W-I CNREAB 32,880,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LU4025000 2(5H)-FURANONE, 3,4-DIMETHYL-5-PENTYLIDENE-
UPDT:8401 CAS: 774-64-1 MW: 180.27 MOLFM: C11-H16-O2
SYN: BOVOLIDE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:2600 mg/kg/65W-I BJCAAI 19,392,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2(5H)-FURANONE, 3-ETHENYL-5-HYDROXY- (9CI) see: CB9660000

LU4200000 2(5H)-FURANONE, 5-ETHYL-
UPDT:8401 CAS: 2407-43-4 MW: 112.14 MOLFM: C6-H8-O2
SYN: 5-ETHYL-2(5H)-FURANONE * 4-HYDROXYHEX-2-ENOIC ACID LACTONE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2560 mg/kg/64W-I BJCAAI 15,85,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LU4220000 2(3H)-FURANONE, 5-ETHYLDIHYDRO-
UPDT:8306 CAS: 695-06-7 MW: 114.16 MOLFM: C6-H10-O2
SYN: gamma-CAPROLACTONE * 6-CAPROLACTONE * gamma-ETHYLBUTYROLACTONE * gamma-ETHYL-n-BUTYROLACTONE * gamma-HEXALACTONE * gamma-HEXANOLACTONE * HEXANOLIDE-1,4 * 4-HYDROXYHEXANOIC ACID LACTONE * TONKALIDE * TOUKALIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 17,791,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LU4375000 2(5H)-FURANONE, 5-ETHYLIDENE-
UPDT:8401 CAS: 3690-50-4 MW: 110.12 MOLFM: C6-H6-O2
SYN: ETHYLIDENE-2(5H)-FURANONE * 4-HYDROXYHEXA-2,4-DIENOIC ACID LACTONE * METHYL PROTOANEMONIN
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2440 mg/kg/61W-I BJCAAI 15,85,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LU4550000 2(3H)-FURANONE, 5-ETHYLIDENEDIHYDRO-
UPDT:8401 CAS: 3393-34-8 MW: 112.14 MOLFM: C6-H8-O2
SYN: 5-ETHYLIDENEDIHYDRO-2(3H)-FURANONE * 4-HYDROXYHEX-4-ENOIC ACID LACTONE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:1160 mg/kg/58W-I BJCAAI 15,85,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2(3H)-FURANONE, 5-HEPTYLDIHYDRO- see: YQ2485000

LU4600000 2(3H)-FURANONE, 5-HEXYLDIHYDRO-
UPDT:8305 CAS: 706-14-9 MW: 170.28 MOLFM: C10-H18-O2
SYN: gamma-n-DECALACTONE * DECANOLIDE 1,4 * gamma-n-HEXYL-gamma-BUTYROLACTONE * HYDROXYDECANOIC ACID gamma-LACTONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,741,76
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#02795
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LU4700000 2(5H)-FURANONE, 5-(4-HYDROXY-2-BUTENYLIDENE)-3-(3-HYDROXYPROPENYL)-
UPDT:8309 CAS: 26047-03-0 MW: 208.23 MOLFM: C11-H12-O4
SYN: 2(5H)-FURANONE, 5-(4-HYDROXY-2-BUTENYLIDENE)-3-(3-HYDROXY-1-PROPENYL)- (9CI) * 5-(4-HYDROXY-2-BUTENYLIDENE)-3-(3-HYDROXYPROPENYL)-2(5H)-FURANONE * TETRENOLIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg 85GDA2 5,424,81

2(5H)-FURANONE, 5-(4-HYDROXY-2-BUTENYLIDENE)-3-(3-HYDROXY-1-PROPENYL)- (9CI) see: LU4700000

LU4725000 2(5H)-FURANONE, 4-HYDROXY-5-METHYL-
UPDT:8401 CAS: 22885-98-9 MW: 114.11 MOLFM: C5-H6-O3
SYN: alpha-METHYL TETRONIC ACID
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2600 mg/kg/65W-I BJCAAI 19,392,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 22HAAD 6,409,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LU5075000 2(3H)-FURANONE, 5-METHYL-
UPDT:8405 CAS: 591-12-8 MW: 98.11 MOLFM: C5-H6-O2
SYN: alpha-ANGELICA LACTONE * beta,gamma-ANGELICA LACTONE * delta(sup 2)-ANGELICA LACTONE * 4-HYDROXYPENT-3-ENOIC ACID LACTONE * gamma-METHYL-beta,gamma-CROTONOLACTONE * 5-METHYL-2(3H)-FURANONE * 3-PENTENOIC ACID, 4-HYDROXY-, gamma-LACTONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2800 mg/kg DCTODJ 3,249,80
ipr-mus LD50:3000 mg/kg APTOA6 2,109,46
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LU5100000 2(5H)-FURANONE, 5-METHYL-
UPDT:8401 CAS: 591-11-7 MW: 98.11 MOLFM: C5-H6-O2
SYN: delta(sup 1)-ANGELICA LACTONE * 4-HYDROXY-2-PENTENOIC ACID gamma-LACTONE * gamma-METHYL alpha,beta-CROTONOLACTONE * 5-METHYL-2(5H)-FURANONE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2600 mg/kg/65W-I BJCAAI 19,392,65
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3000 mg/kg 85ESA3 9,88,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LU5160000 2(5H)-FURANONE, 5,5'-OXYBIS(3,4-DICHLORO-
UPDT:8309 CAS: 4412-09-3 MW: 319.90 MOLFM: C8-H2-Cl4-O5
SYN: BIS(3,4-DICHLOROFURANON-5-YL-2) ETHER * BIS(3,4-DICHLORO-2(5)-FURANONYL) ETHER * CROTONIC ACID, 4,4'-OXYBIS(2,3-DICHLORO-4-HYDROXY-, DI-gamma-LACTONE * GC-2466 * MUCOCHLORIC ANHYDRIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2000 mg/kg FMCHA2 -,C164,83
unk-rat LD50:2000 mg/kg 30ZDA9 -,396,71

LU5165000 2(5H)-FURANONE, 5-PHENYL-
UPDT:8303 MW: 160.18 MOLFM: C10-H8-O2
SYN: CROTONIC ACID, 4-HYDROXY-4-PHENYL-, gamma-LACTONE * 5-PHENYL-2(5H)-FURANONE * 5-PHENYL-4-HYDROXYBUTENOLID-(1,4)
TOXICITY DATA AND REFERENCES:
2F07F23 scu-mus LD50:2625 mg/kg AIPTAK 128,126,60

2-FURANPROPANOIC ACID, 5-(4-CHLOROPHENYL)-beta-HYDROXY- (9CI) see: LU5700000

LU5700000 2-FURANPROPIONIC ACID, 5-(p-CHLOROPHENYL)-beta-HYDROXY-
UPDT:8306 CAS: 60653-25-0 MW: 266.69 MOLFM: C13-H11-Cl-O4
SYN: 5-(4-CHLOROPHENYL)-beta-HYDROXY-2-FURANPROPANOIC ACID * 5-(p-CHLOROPHENYL)-beta-HYDROXY-2-FURANPROPIONIC ACID * F-776 * 2-FURANPROPANOIC ACID, 5-(4-CHLOROPHENYL)-beta-HYDROXY- (9CI) * ORPANOXIN
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-rat LD50:2460 mg/kg AIPTAK 243,331,80

LU5755000 2-FURANPROPIONIC ACID, ISOBUTYL ESTER
UPDT:8305 CAS: 105-01-1 MW: 196.27 MOLFM: C11-H16-O3
SYN: ISOBUTYL-2-FURANPROPIONATE * ISOBUTYL FURYLPROPIONATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 17,835,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1950 mg/kg FCTXAV 17,835,79
* skn-rbt LD50:2000 mg/kg FCTXAV 17,835,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LU5800000 2-FURANPROPIONIC ACID, TETRAHYDRO-alpha-(1-NAPHTHYLMETHYL)-, 2-(DIETHYLAMINO)ETHYL ESTER
UPDT:8403 CAS: 31329-57-4 MW: 383.58 MOLFM: C24-H33-N-O3
SYN: N-DIETHYLAMINOETHYL beta-(1-NAPHTHYL)-beta-TETRAHYDROFURYL ISOBUTYRATE * 2-(DIETHYLAMINO)ETHYL TETRAHYDRO-alpha-(1-NAPHTHYLMETHYL)-2-FURANPROPIONATE * DUBIMAX * NAFRONYL * NAFTIDROFURYL * 3-(1-NAPHTHYL)-2-TETRAHYDROFURYLPROPIONIC ACID 2-(DIET-YLAMINO)ETHYL ESTER * alpha-TETRAHYDROFURFURYL-1-NAPHTHALENEPROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER * TETRAHYDRO-alpha-(1-NAPHTHALENYLMETHYL)-2-FURANPROPANOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER * TETRAHYDRO-alpha-(1-NAPHTHYLMETHYL)-2-FURANPROPANOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER * TRIDUS
TOXICITY DATA AND REFERENCES:
orl-mus LD50:365 mg/kg EJMCA5 10,291,75
ivn-mus LD50:23 mg/kg JETOAS 8(3),188,75

LU5807500 3-FURANPROPYLAMINE, N,N-DIMETHYL-2,5-DIPHENYL-, HYDROCHLORIDE
UPDT:8406 MW: 341.91 MOLFM: C21-H23-N-O Cl-H
SYN: N,N-DIMETHYL-2,5-DIPHENYL-3-FURANPROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:500 mg/kg JPPMAB 17,236,65

LU5950000 FURAN, TETRAHYDRO-
UPDT:8412 CAS: 109-99-9 MW: 72.12 MOLFM: C4-H8-O
SYN: BUTANE, 1,4-EPOXY- * BUTYLENE OXIDE * CYCLOTETRAMETHYLENE OXIDE * DIETHYLENE OXIDE * FURANANE * HYFURAN * NCI-C66960 * OXACYCLOPENTANE * OXOLANE * RCRA WASTE NUMBER U213 * TETRAHYDROFURAAN (Dutch) * TETRAHYDROFURAN * TETRAHYDROFURAN (DOT) * TETRAHYDROFURANNE (French) * TETRAIDROFURANO (Italian) * TETRAMETHYLENE OXIDE * THF * UN 2056 (DOT)
MUTATION DATA AND REFERENCES:
mmo-esc 1 umol/L GTPZAB 26(1),43,82
TOXICITY DATA AND REFERENCES:
1F01 ihl-hmn TCLo:25000 ppm 34ZIAG -,580,69
orl-rat LDLo:3000 mg/kg TPKVAL 5,21,63
* ihl-rat LC50:78 gm/m3/2H 85GMAT -,110,82
* ipr-rat LD50:2900 mg/kg SAIGBL 24,373,82
ihl-mus LCLo:24000 mg/m3/2H TPKVAL 5,21,63
ipr-mus LD50:1900 mg/kg SAIGBL 24,373,82
L03 ipr-gpg LDLo:500 mg/kg AIHAAP 35,21,74
REVIEW AND REFERENCES:
★ TLV-TWA 200 ppm; STEL 250 ppm DTLVS* 4,393,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm (SCP-F) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S78
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LU6100000 FURAN, TETRAHYDRO-2,5-DIETHOXY-2-(DIETHOXYMETHYL)-
UPDT:8312 CAS: 60664-55-3 MW: 262.39 MOLFM: C13-H26-O5
SYN: 2,5-DIETHOXY-2-(DIETHOXYMETHYL)TETRAHYDROFURAN * TETRAHYDRO-2,5-DIETHOXY-2-(DIETHOXYMETHYL)FURAN
TOXICITY DATA AND REFERENCES:
3F02F05F17 ipr-mus LD50:2500 mg/kg PCJOAU 16,341,82

LU6125000 FURAN, TETRAHYDRODIMETHYL-
UPDT:8407 CAS: 1320-94-1 MW: 100.18 MOLFM: C6-H12-O
SYN: TETRAHYDRODIMETHYLFURAN * TETRAHYDRODIMETHYL FURANE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 26,269,44
eye-rbt 20 mg AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg JIHTAB 26,269,44
skn-gpg LD50:4000 mg/kg JIHTAB 26,269,44

LU6130000 FURAN, TETRAHYDRO-2,5-DIMETHOXY-2-(DIMETHOXYMETHYL)-
UPDT:8312 CAS: 65057-97-8 MW: 206.27 MOLFM: C9-H18-O5
SYN: 2,5-DIMETHOXY-2-(DIMETHOXYMETHYL)TETRAHYDROFURAN * TETRAHYDRO-2,5-DIMETHOXY-2-(DIMETHOXYMETHYL)FURAN
TOXICITY DATA AND REFERENCES:
3F02F05F17 ipr-mus LD50:2000 mg/kg PCJOAU 16,341,82

LU6208000 FURAN, TETRAHYDROMETHYL-
UPDT:8312 CAS: 25265-68-3 MW: 86.15 MOLFM: C5-H10-O
SYN: METHYLTETRAHYDROFURAN * METHYLTETRAHYDROFURAN (DOT) * UN 2536 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

LU6210000 FURAN, TETRAHYDRO-2-((METHYLSULFONYL)METHYL)-
UPDT:8309 CAS: 15396-31-3 MW: 164.24 MOLFM: C6-H12-O3-S

BEST COPY AVAILABLE

SYN: METHYL TETRAHYDROFURFURYL SULFONE * TETRAHYDRO-2-((METHYLSULFONYL)METHYL)FURAN

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:530 mg/kg TAKHAA 30,242,71

FURANTHRIL see: CB2625000
FURANTHRYL see: CB2625000
FURANTOIN see: MU2800000
FURANTRIL see: CB2625000
1-(2-(2-FURANYLDIMETHYLSILYL)ETHYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE see: YJ9030900
1-(2-(2-FURANYL)ETHYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE see: YJ9030950
5-(3-FURANYL)-5-HYDROXY-2-PENTANONE see: SA9060000
N-(5-(2-FURANYLMETHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see: US4660000
1-(3-FURANYL)-4-METHYL-1-PENTANONE see: SA8935000
1-(3-FURANYL)-2,4-PENTANEDIOL see: SA0700000
1-(3-FURANYL)-1,4-PENTANEDIONE see: SA1956000
N-(5-(3-(2-FURANYL)-2-PROPENYLIDENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see: US4665000
1-(2-FURANYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE see: YJ9030800
1-(3-FURANYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE see: YJ9030850
FURAPLAST see: LT7700000
FURAPYRIMIDONE see: UW7587000
FURASEPTYL see: LT7700000
FURASKIN see: LT7700000
FURATHIAZOLE see: AC6650000
FURATOIN see: MU2800000
FURATOL see: AH9100000
FURATONE see: PC3200000
FURATONE-S see: PC3200000
FURAXON see: RQ3675000
FURAXONE see: RQ3675000
FURAZABOL see: BV8061000
FURAZILINE see: LT7700000
FURAZIN see: LT7700000
FURAZINA see: LT7700000
FURAZOL see: RQ3675000
FURAZOLIDON see: RQ3675000
FURAZOLIDONE see: RQ3675000
FURAZOLIN see: RQ3620000
FURAZOLINE see: RQ3620000
FURAZOL W see: LT7700000
FURAZON see: RQ3675000
FURAZONE see: LT7700000
FURAZOSIN HYDROCHLORIDE see: VA1350000
FUR BLACK 41867 see: SS8050000
FUR BROWN 41866 see: SS8050000
FURESIS see: CB2625000
FURESOL see: LT7700000
FURFENOREX see: LU9775000
FURFURAL see: LT7000000
2-FURFURAL see: LT7000000
FURFURAL ACETONE POLYMER see: EM9940000
FURFURAL ALCOHOL see: LU9100000
FURFURALCOHOL see: LU9100000
FURFURALDEHYDE see: LT7000000
FURFURAL (DOT) see: LT7000000
FURFURALE (Italian) see: LT7000000
FURFURAN see: LT8524000
FURFURIN see: LT7700000
FURFUROL see: LT7000000
FURFUROLE see: LT7000000

LU9100000 FURFURYL ALCOHOL

UPDT:8411 CAS: 98-00-0 MW: 98.11 MOLFM: C5-H6-O2

SYN: 2-FURANCARBINOL * 2-FURANMETHANOL * FURFURAL ALCOHOL * FURFURALCOHOL * FURFURYL ALCOHOL (DOT) * 2-FURFURYLALKOHOL (Czech) * FURYL ALCOHOL * alpha-FURYLCARBINOL * 2-FURYLCARBINOL * 2-HYDROXYMETHYLFURAN * METHANOL, (2-FURYL)- * NCI-C56224 * UN 2874 (DOT)

IRRITATION DATA AND REFERENCES:

eye-rbt 100 mg/24H SEV 28ZPAK -,139,72

MUTATION DATA AND REFERENCES:

cyt-ham:ovr 2500 umol/L CALEDQ 13,89,81

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:275 mg/kg MEIEDD 10,614,83
* ihl-rat LC50:233 ppm/4H AIHAAP 19,91,58
ipr-rat LD50:650 mg/kg NPIRI* 1,64,74
orl-mus LD50:160 mg/kg BIJOAK 34,1196,40
* ivn-rbt LD50:650 mg/kg FEPRA7 8,294,49

REVIEW AND REFERENCES:

★ TLV-TWA 10 ppm; STEL 15 ppm (skin) DTLVS* 4,201,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 50 ppm (SCP-V) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO FURFURYL ALCOHOL recm std-air:TWA 200 mg/m3 NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 2505
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

FURFURYL ALCOHOL (DOT) see: LU9100000
FURFURYL ALCOHOL, TETRAHYDRO- see: LU2450000
2-FURFURYLALKOHOL (Czech) see: LU9100000

LU9275000 FURFURYLAMINE

UPDT:8312 CAS: 617-89-0 MW: 97.13 MOLFM: C5-H7-N-O

SYN: 2-FURANMETHYLAMINE * FURFURYLAMINE (DOT) * METHYLAMINE, 1-(2-FURYL)- * UN 2526 (DOT) * USAF Q-1

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:200 mg/kg NTIS** AD277-689

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

LU9720000 FURFURYLAMINE, N-(p-CHLORO-alpha-METHYLPHENETHYL)-, HYDROCHLORIDE (+-)-

UPDT:8305 CAS: 14898-09-0 MW: 286.22 MOLFM: C14-H16-Cl-N-O Cl-H

SYN: N-(p-CHLORO-alpha-METHYLPHENETHYL)FURFURYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:144 mg/kg APFRAD 24,57,66

LU9740000 FURFURYLAMINE, N-(p-CHLORO-alpha-METHYLPHENETHYL)-N-METHYL-, CYCLOHEXANESULFAMATE, (+-)-

UPDT:8305 CAS: 5843-56-1 MW: 443.05 MOLFM: C15-H18-Cl-N-O C6-H13-N-O3-S

SYN: N-(p-CHLORO-alpha-METHYLPHENETHYL)-N-METHYLFURFURYLAMINE CYCLOHEXANESULFAMATE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:157 mg/kg APFRAD 24,57,66

LU9750000 FURFURYLAMINE, N,N-DIMETHYL-5-(((2-((1-(METHYLNITROSAMINO)-2-NITROVINYL)NITROSAMINO)ETHYL) THIO)METHYL)-

UPDT:8405 MW: 372.45 MOLFM: C13-H20-N6-O5-S

SYN: RANITIDINE, nitrosated

MUTATION DATA AND REFERENCES:

mma-sat 78 ug/plate CRNGDP 4,255,83
mma-sat 78 ug/plate CRNGDP 4,255,83
mmo-esc 78 ug/plate CRNGDP 4,255,83
mma-esc 78 ug/plate CRNGDP 4,255,83
dnd-ham:ovr 270 umol/L TOLED5 18,97,83

FURFURYLAMINE (DOT) see: LU9275000

LU9775000 FURFURYLAMINE, N-METHYL-N-(alpha-METHYLPHENETHYL)-, (+)-

UPDT:8305 CAS: 3776-93-0 MW: 229.35 MOLFM: C15-H19-N-O

SYN: FRUGALAN * 2-FURANMETHANAMINE, N-METHYL-N-(1-METHYL-2-PHENYLETHYL)- (+)- (9CI) * FURFENOREX * (+)-N-METHYL-N-(alpha-METHYLPHENETHYL)FURFURYLAMINE * d-N-METHYL N-(PHENYL-1 PROPYL-2) FURFURYLAMINE (French)

TOXICITY DATA AND REFERENCES:

3E01J22J24 orl-man TDLo:5714 ug/kg THERAP 34,205,79
* ipr-mus LD50:90 mg/kg APFRAD 24,57,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LU9776000 FURFURYLAMINE, N-METHYL-N-(alpha-METHYLPHENETHYL)-, CYCLOHEXANESULFAMATE, (+)-

UPDT:8305 CAS: 3776-92-9 MW: 408.61 MOLFM: C15-H19-N-O C6-H13-N-O3-S

SYN: CYCLOHEXYLSULFAMATE de d-METHYL N-(PHENYL-1 PROPYL-2) FURFURYLAMINE (French) * (+)-N-METHYL-N-(alpha-METHYLPHENETHYL)FURFURYLAMINE CYCLOHEXANESULFAMATE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:145 mg/kg APFRAD 24,57,66

LU9776100 FURFURYLAMINE, N-METHYL-N-(alpha-METHYLPHENETHYL)-, CYCLOHEXANESULFAMATE, (+-)-

UPDT:8305 CAS: 14611-84-8 MW: 408.61 MOLFM: C15-H19-N-O C6-H13-N-O3-S

SYN: N-METHYL-N-(alpha-METHYLPHENETHYL)FURFURYLAMINE CYCLOHEXANESULFAMATE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:172 mg/kg APFRAD 24,57,66

LU9776800 FURFURYLAMINE, N-METHYL-N-(alpha-METHYL-m-(TRIFLUOROMETHYL)PHENETHYL)-, CYCLOHEXANESULFAMATE (+-)-

UPDT:8305 CAS: 5843-38-3 MW: 460.61 MOLFM: C16-H18-F3-N C6-H13-N-O3-S

SYN: N-METHYL-N-(alpha-METHYL-m-(TRIFLUOROMETHYL)PHENETHYL)FURFURYLAMINE CYCLOHEXANESULFAMATE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:240 mg/kg APFRAD 24,57,66

LU9803000 FURFURYLAMINE, N-(alpha-METHYLPHENETHYL)-, ACETATE (+-)-

UPDT:8305 CAS: 2980-12-3 MW: 275.38 MOLFM: C14-H17-N-O C2-H4-O2

SYN: N-(alpha-METHYLPHENETHYL)FURFURYLAMINE ACETATE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:150 mg/kg APFRAD 24,57,66

LU9805000 FURFURYLAMINE, N-(alpha-METHYLPHENETHYL)-, HYDROCHLORIDE (+)-

UPDT:8305 MW: 251.78 MOLFM: C14-H17-N-O Cl-H

SYN: (+)-N-(alpha-METHYLPHENETHYL)FURFURYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:127 mg/kg APFRAD 24,57,66

LV0175000 FURFURYLAMINE, TETRAHYDRO-

UPDT:7908 CAS: 4795-29-3 MW: 101.17 MOLFM: C5-H11-N-O

SYN: TETRAHYDROFURFURYLAMINE * TETRAHYDROFURFURYLAMINE (DOT) * UN 2943 (DOT) * USAF Q-2

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:200 mg/kg NTIS** AD277-689

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

LV0281000 FURFURYLAMINE, TETRAHYDRO-N-METHYL-N-(alpha-METHYLPHENETHYL)-, HYDROCHLORIDE, (+)-

UPDT:8305 CAS: 5843-57-2 MW: 269.85 MOLFM: C15-H23-N-O Cl-H

SYN: (+)-N-METHYL-N-(alpha-METHYLPHENETHYL)TETRAHYDROFURFURYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:150 mg/kg APFRAD 24,57,66

LV0282000 FURFURYLAMINE, TETRAHYDRO-N-(alpha-METHYLPHENETHYL)-, HYDROCHLORIDE, (+)-

UPDT:8305 CAS: 5843-55-0 MW: 255.82 MOLFM: C14-H21-N-O Cl-H

SYN: CHLORHYDRATE de d-N-(PHENYL-1 PROPYL-2) TETRAFURFURYLAMINE (French) * (+)-N-(alpha-METHYLPHENETHYL)TETRAHYDROFURFURYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:80 mg/kg APFRAD 24,57,66

2-(FURFURYLAMINO)-5-PHENYL-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9103650
2-(FURFURYLAMINO)-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9103600
1-FURFURYLBIGUANIDE MONOHYDROCHLORIDE see: DU1860000
2-FURFURYLIDENEACETONE POLYMER see: EM9940000
FURFURYL MERCAPTAN see: LU2100000
3-FURFURYL-2-METHYL-4(3H)-QUINAZOLINONE see: VA3420200
FURIDAZINA see: XI3600000
FURIDAZOL see: DD9010000
FURIDAZOLE see: DD9010000
FURIDIAZINA see: XI3600000
FURIDIAZINE see: XI3600000
FURIDON see: RQ3675000
FURILAZONE see: NS2000000
2-FURIL-METANALE (Italian) see: LT7000000
FURITON see: AJ1075000
FURIUM see: AC6650000
FURLOE see: FD8050000
FURLOE 4EC see: FD8050000
FURMARIN see: GN4850000
FURMETHANOL see: RQ3620000
FURMETHONOL see: RQ3640000
FURMETHONOL see: RQ3620000
FURMETONOL see: RQ3620000
FURNEX N 765 see: FF5800000
FUROBACTINA see: MU2800000

LV0910000 FURO(2,3-b)BENZOFURAN, 3a,8a-DIHYDRO-

UPDT:8401 CAS: 53777-93-4 MW: 160.18 MOLFM: C10-H8-O2

SYN: DIHYDROFUROBENZOFURAN

MUTATION DATA AND REFERENCES:

mma-sat 50 ug/plate BBRCA9 76,888,77

BEST COPY AVAILABLE

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
LV0940000 2H-FURO(2,3-h)(1)BENZOPYRAN-2-ONE
UPDT:8408 CAS: 523-50-2 MW: 186.17 MOLFM: C11-H6-O3
SYN: ANGECIN * ANGELECIN * ANGELICIN * ANGELICIN (COUMARIN DERIV) * FURO(3,4',7,8)COUMARIN * ISOPSORALIN
MUTATION DATA AND REFERENCES:
mmo-esc 40 mg/L MUREAV 96,23,75
dnd-ami 20 umol/l CBINA8 21,103,78
dnd-ami 20 umol/L CBINA8 21,103,78
mmo-smc 50 umol/L BUCAS5 67,245,80
mrc-smc 100 umol/L BUCABS 67,245,80
dnd-sal:spr 20 umol/L CBINA8 21,103,78
dnd-mam:lym 20 umol/L CBINA8 21,103,78
TOXICITY DATA AND REFERENCES:
3F05F19F29 orl-rat LD50:322 mg/kg IJMRAQ 63,833,75
3F05F19F29 ipr-rat LD50:165 mg/kg IJMRAQ 63,833,75
3F05F19F29 ipr-mus LD50:254 mg/kg IJMRAQ 63,833,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
LV1030000 5H-FURO(3,2-g)(1)BENZOPYRAN-5-ONE, 9-(2-(DIETHYLAMINO)ETHOXY)-4-HYDROXY-7-METHYL-, HYDROCHLORIDE
UPDT:8305 CAS: 40709-23-7 MW: 367.86 MOLFM: C18-H21-N-O5-Cl-H
SYN: AMIKHELLIN HYDROCHLORIDE * CHLORHYDRATE d'AMIKHELLINE (French) * NOKHEL * 2-METHYL-5-HYDROXY-8-(beta-DIAETHYLAMINO-AETHOXY)FURANO-6,7,2',1'-CHROMON HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dnd-ami 110 umol/L BICMBE 55,1415,73
dnd-ami 110 umol/L BICMBE 55,1415,73
dnd-ami 10 mmol/L BICMBE 55,1415,73
cyt-nml:ath 270 umol/L/6H-C AAMMAU 61,201,72
cyt-nml:ath 270 umol/L/6H-C AAMMAU 61,201,72
dnd-mam:lym 100 umol/L BICMBE 55,1415,73
TOXICITY DATA AND REFERENCES:
scu-mus LD50:14380 ug/kg ARZNAD 13,140,63
LV1050000 5H-FURO(3,2-g)(1)BENZOPYRAN-5-ONE, 4,9-DIMETHOXY-7-METHYL-
UPDT:8403 CAS: 82-02-0 MW: 260.26 MOLFM: C14-H12-O5
SYN: AMICARDINE * AMIPTAN * AMMICARDINE * AMMI-KHELLIN * AMMISPASMIN * AMMIPURAN * AMMIVIN * AMMIVISNAGEN * BENECARDIN * BI-KELLINA * CARDIO-KHELLIN * CHELLIN * CHELLINA (Italian) * CHORAFURONE * CORONIN * DELTOSIDE * 5,8-DIMETHOXY-2-METHYL-4',5'-FURANO-6,7-CHROMONE * 5,8-DIMETHOXY-2-METHYL-6,7-FURANOCHROMONE * 4,9-DIMETHOXY-7-METHYL-5H-FURO(3,2-g)(1)BENZOPYRAN-5-ONE * 5,8-DIMETHOXY-2-METHYL-4',5'-FURO-6,7-CHROMONE * 4,9-DIMETHOXY-7-METHYL-5-OXO-1,8-DIOXABENZ-(1)INDENE * 4,9-DIMETHOXY-7-METHYL-5-OXOFURO(3,2-g)(1)BENZOPYRAN * 4,9-DIMETHOXY-7-METHYL-5-OXOFURO(3,2-g)-1,2-CHROMENE * ESKEL * EUPHORIN * GYNOKHELLAN * INTERKELLIN * INTERKHELLIN * KELAMIN * KELICOR * KELICORIN * KELINCOR * KELLIN * KELLINA * KELOID * KELOURIN * KHELANGIN * KHELFREN * KHELISEM * KHELL * KHELLAMINE * KHELLANALS * KHELLIN * KHELLINORM * KHELLOYD * LYNAMINE * MEFURINA * METHAFRONE * NORKEL * RYKELLIN * SIMESKELLINA * VASOKELLINA * VISAMMIMIX * VISAMMIN * VISCARDAN * VISCARDIN * VISMAGEN * VISNAGALIN * VISNAGEN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:68 mg/kg ARZNAD 11,848,61
ivn-rat LD50:34 mg/kg ARZNAD 11,848,61
orl-mus LD50:50 mg/kg ARZNAD 11,848,61
* ipr-mus LD50:155 mg/kg FRPSAX 13,561,58
ivn-mus LD50:30 mg/kg ARZNAD 11,848,61
* ims-mus LD50:83 mg/kg JDGRAX 7(2),1,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
LV1400000 7H-FURO(3,2-g)(1)BENZOPYRAN-7-ONE, 9-METHOXY-
UPDT:8412 CAS: 298-81-7 MW: 216.20 MOLFM: C12-H8-O4
SYN: AMMOIDIN * 5-BENZOFURANACRYLIC ACID, 6-HYDROXY-7-METHOXY-, delta-LACTONE * 6-HYDROXY-7-METHOXY-5-BENZOFURANACRYLIC ACID delta-LACTONE * MELADININ * MELADININE * MELOXINE * METHOXA-DOME * METHOXALEN * METHOXSALEN * 8-METHOXY-(FURANO-3',2',6,7-COUMARIN) * 9-METHOXY-7H-FURO(3,2-g)BENZOPYRAN-7-ONE * 8-METHOXY-2',3',6,7-FUROCOUMARIN * 8-METHOXY-4',5',6,7-FUROCOUMARIN * 8-METHOXYPSORALEN * 9-METHOXYPSORALEN * 8-METHOXYPSORALENE * 8-MOP * 8-MP * NCI-C55903 * OXSORALEN * OXYPSORALEN * PROPALONE-MOP * XANTHOTOXIN
MUTATION DATA AND REFERENCES:
mma-sat 600 ug/plate MUREAV 136,49,84
mma-esc 10 mg/L MUREAV 44,305,77
dnd-esc 20 umol/L CBINA8 21,103,78
dnd-ami 20 umol/L CBINA8 21,103,78
dnd-ami 20 umol/L CBINA8 21,103,78
mma-smc 50 umol/L BUCABS 67,245,80
mrc-smc 50 umol/L BUCABS 67,245,80
dnd-sal:spr 20 umol/L CBINA8 21,103,78
dns-rat:lvr 100 umol/L ENMUDM 3,11,81
msc-mus:lym 20 mg/L CEDEDE 5,147,80
msc-ham:lng 75 mg/L MUREAV 55,156,78
dnd-mam:lym 20 umol/L CBINA8 21,103,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:791 mg/kg DCTODJ 2,309,79
ipr-rat LD50:470 mg/kg JPETAB 131,394,61
orl-mus LD50:423 mg/kg DCTODJ 2,309,79
ipr-mus LDLo:500 mg/kg CBCCT* 5,62,53
* scu-mus LD50:860 mg/kg NIIRDN 6,837,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 24,101,80
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 24,101,80
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
LV1420000 5H-FURO(3,2-g)(1)BENZOPYRAN-5-ONE, 4-METHOXY-7-METHYL-
UPDT:8403 CAS: 82-57-5 MW: 230.23 MOLFM: C13-H10-O4
SYN: DESMETHOXYKHELLIN * 4-METHOXY-7-METHYL-5H-FURO(3,2-g)(1)-BENZOPYRAN-5-ONE * 5-METHOXY-2-METHYLFURANOCHROMONE * VISNAGIDIN * VISNAGIN * VISNAGINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:832 mg/kg JDGRAX 7(2),1,75
* ims-mus LD50:123 mg/kg JDGRAX 7(2),1,75
LV1452000 2H-FURO(2,3-h)-1-BENZOPYRAN-2-ONE, 5-METHYL-
UPDT:8307 CAS: 73459-03-7 MW: 200.20 MOLFM: C12-H8-O3
SYN: 5-METHYLANGELICIN * 5-METHYL-2H-FURO(2,3-h)-1-BENZOPYRAN-2-ONE
MUTATION DATA AND REFERENCES:
mma-sat 200 ug/plate MUREAV 88,17,81
LV1575000 7H-FURO(3,2-g)(1)BENZOPYRAN-7-ONE, 9-((3-METHYL-2-BUTENYL)OXY)-
UPDT:8306 CAS: 482-44-0 MW: 270.30 MOLFM: C16-H14-O4
SYN: AMMIDIN * 5-BENZOFURANACRYLIC ACID, 6-HYDROXY-7-((3-METHYL-2-BUTENYL)OXY)-, delta-LACTONE * IMPERATORIN * 8-ISOPENTENYLOXYPSORALENE * MARMELOSIN
MUTATION DATA AND REFERENCES:
msc-ham:lng 5 mg/L CNREA8 43,1054,83
TOXICITY DATA AND REFERENCES:
par-mus LDLo:600 mg/kg CBCCT* 7,689,55
LV1575900 7H-FURO(3,2-g)(1)BENZOPYRAN-7-ONE, TRIMETHYL-
UPDT:8410 CAS: 1322-64-1 MW: 228.26 MOLFM: C14-H12-O3
MUTATION DATA AND REFERENCES:
sce-ham:ovr 1 ug/L CHROAU 85,603,82
LV1576000 7H-FURO(3,2-g)(1)BENZOPYRAN-7-ONE, 2,5,9-TRIMETHYL-
UPDT:8411 CAS: 3902-71-4 MW: 228.26 MOLFM: C14-H12-O3
SYN: 2,5,9-TRIMETHYL-7H-FURO(3,2-g)(1)BENZOPYRAN-7-ONE * 4,5,8-TRIMETHYLPSORALEN
MUTATION DATA AND REFERENCES:
mma-sat 200 ug/plate MUREAV 136,49,84
dnd-ami 3 mg/L BICHAW 20,1431,81
dnd-ami 3 mg/L BICHAW 20,1431,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
LV1576500 9H-FURO(3',2':6,7)(1)BENZOPYRANO(3,4-c)PYRIDIN-9-ONE
UPDT:8410 MW: 249.23 MOLFM: C15-H7-N-O3
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 136,49,84
LV1576600 9H-FURO(3',2':6,7)(1)BENZOPYRANO(3,4-c)PYRIDIN-9-ONE, 11-METHYL-
UPDT:8410 MW: 263.26 MOLFM: C16-H9-N-O3
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 136,49,84
FURO(5',4',7,8)COUMARIN see: LV0940000
LV1599200 FURO(2',3':5,6)CYCLOHEPTA(1,2-c)PYRAN-2(3H)-ONE, DECAHYDRO-5,7-DIHYDROXY-4a,9-DIMETHYL-3- METHYLENE-, 13aR-(3a-alpha,4a-beta,5-alpha,7-beta,8a-alpha,9-alpha,10a-alpha))-
UPDT:8403 CAS: 57377-32-9 MW: 282.37 MOLFM: C15-H22-O5
SYN: HYMENOXON * HYMENOXONE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate TOLED5 9,395,81
mma-sat 50 ug/plate TOLED5 9,395,81
dnr-bcs 1 mg/plate RCOCB8 34,161,81
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:241 mg/kg TOLED5 9,395,81
ipr-mus LD50:16240 ug/kg RCOCB8 28,189,80
3F07F15F18 orl-dom LD50:75 mg/kg RCOCB8 31,181,81
FURODAN see: FB9450000
FURO(2',3':4,5)FURO(2,3-d)-1,3-DIOXOL-5-ONE, 2-(TRICHLOROMETHYL)- see: LZ4995000
LV1703000 1H,12H-FURO(3',2':4,5)FURO(2,3-h)PYRANO(3,4-c)(1)BENZOPYRAN-1,12-DIONE, 3,4,7a-alpha,9, 10,10a-alpha-HEXAHYDRO-5-METHOXY-
UPDT:8306 CAS: 7241-98-7 MW: 330.31 MOLFM: C17-H14-O7
SYN: AFLATOXIN G2
MUTATION DATA AND REFERENCES:
dns-rat:lvr 10 umol/L/1H CNREA8 37,1845,77
dns-ham:lvr 100 nmol/L ENMUDM 5,1,83
sce-ham:lng 3300 ug/L CRNGDP 1,759,80
TOXICITY DATA AND REFERENCES:
* orl-dck LD50:2450 ug/kg NATUAS 200,1101,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BAREA8 30,460,66; PMDCAY 10,85,74; IJNDAN 8(2),85,71
★ CARCINOGENIC REVIEW:INDEFINITE IARC** 1,145,72
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
LV1720000 1H,12H-FURO(3',2':4,5)FURO(2,3-h)PYRANO(3,4-c)(1)BENZOPYRAN-1,12-DIONE, 3,4,7a,10a- TETRAHYDRO-5-METHOXY-
UPDT:8411 CAS: 1165-39-5 MW: 328.29 MOLFM: C17-H12-O7
SYN: AFLATOXIN G1
MUTATION DATA AND REFERENCES:
mma-sat 31 ng/plate MUREAV 130,79,84
mmu-esc 85 mg/L MUREAV 38,385,76
dnr-esc 800 ug/L MUREAV 119,135,83
pic-esc 10 ng/plate CSHCAL 4,1451,77
mrc-bcs 100 ug/disc CNREA8 36,445,76
mma-msc 120 umol/L CNREA8 32,1890,72
mma-msc 670 umol/L MUREAV 37,27,76
dns-hmn:fbr 10 umol/L/30M IJCNAW 16,284,75
dns-hmn:hla 10 umol/L CNREA8 38,2621,78
dnd-rat-ipr 600 ug/kg CBINA8 26,579,79
dnd-rat:lvr 10 ug/L TXAPA9 36,503,76
dns-rat:lvr 10 umol/L/1H CNREA8 37,1845,77
sce-ham:lng 2500 ug/L CRNGDP 1,759,80
sce-ham:ovr 1 umol/L CRNGDP 1,779,80
dni-mky:kdy 2 mg/L/2H-C JNCIAM 48,1647,72
cyt-mky:kdy 2 mg/L/2H-C JNCIAM 48,1647,72
* TUMORIGENIC DATA AND REFERENCES:
3V01L60M61 orl-rat TDLo:4100 ug/kg/22W-I CNREA8 35,2469,75
2V02V10 scu-rat TDLo:12 mg/kg/30W-I BJCAAI 19,392,65
3V01L60M61 orl-rat TD :24 mg/kg/20W-I CNREA8 29,2206,69
3V02L60M61 orl-rat TD :8 mg/kg/20W-I CNREA8 29,2206,69
2V01L60 orl-rat TD :5600 ug/kg/2W-I CNREA8 31,1936,71
TOXICITY DATA AND REFERENCES:
3J17L12N30 ipr-rat LD50:14900 ug/kg JPTLAS 102,209,70
orl-dck LD50:785 ug/kg PSEBAA 123,151,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LLOYA2 38(1),21,75; BAREA8 30,460,66; PMDCAY 10,85,74; IJNDAN 8(2),85,71
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 1,145,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,145,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,51,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
LV1735000 7H-FURO(3',2':4,5)FURO(2,3-c)XANTHEN-7-ONE, 3-alpha,12-DIHYDRO-8-ACETOXY-6-METHOXY-
UPDT:8401 CAS: 58086-32-1 MW: 366.34 MOLFM: C20-H14-O7
SYN: O-ACETYLSTERIGMATOCYSTIN * STERIGMATOGYSTIN, O-ACETYL-
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CNREA8 38,536,78
mma-sat 1 ug/plate CNREA8 38,536,78
mrc-bcs 1 ug/disc CNREA8 36,445,76
cyt-rat-ipr 8 mg/kg CBINA8 11,507,75
oms-ckn:lvr 3 umol/L CBINA8 11,507,75
cyt-ckn:lvr 3 umol/L CBINA8 11,507,75
TUMORIGENIC DATA AND REFERENCES:
2V01V10 ipr-rat TDLo:245 mg/kg/23W-I GANNA2 69,237,78
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:11300 ug/kg 41KEAL ,108,78

BEST COPY AVAILABLE

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LV1750000 7H-FURO(3',2':4,5)FURO(2,3-c)XANTHEN-7-ONE, 3a,12c-DIHYDRO-8-HYDROXY-6-METHOXY-
UPDT:8411 CAS: 10048-13-2 MW: 328.34 MOLFM: C18-H16-O6
SYN: 3a,12c-DIHYDRO-8-HYDROXY-6-METHOXY-7H-FURO(3',2':4,5)FURO(2,3-c)XANTHEN-7-ONE * STERIGMATOCYSTIN

MUTATION DATA AND REFERENCES:

mma-sat 10 ug/plate	CNREAB 38,536,78
mma-sat 100 ng/plate	PNASA6 72,5135,75
pic-sat 10 pmol/plate	PPTCBY -,337,79
pic-esc 50 ug/L	CNREAB 41,532,81
dnr-bcs 10 ug/disc	MUREAV 97,339,82
mrc-bcs 5 ug/disc	CNREAB 36,445,76
mma-smc 100 mg/L,3H	MUREAV 53,11,78
dns-hmn-fbr 100 mmol/L,30M	IJCNAW 16,284,75
dns-hmn-hla 1 umol/L	CNREA8 38,2621,78
cyt-rat-spr 31200 ug/kg	MUREAV 139,203,84
dnd-mus-oth 3200 ug/L	GANNA2 68,619,77
dns-mus-lvr 2 umol/L	CNREAB 44,2918,84
cyt-mus-oth 100 ug/L	GANNA2 68,619,77
msc-mus-oth 100 ug/L	GANNA2 68,619,77
msc-ham-lng 500 ug/L	CRNGDP 2,945,81
dns-mky-kdy 500 ug/L	SAJSAR 75,21,79
dni-mky-kdy 2 mg/L,2H-C	JNCIAM 48,1647,72
oms-mky-kdy 500 ug/L	SAJSAR 75,21,79
cyt-mky-kdy 2 mg/L,2H-C	JNCIAM 48,1647,72
dnd-mam-lym 276 umol/L	PNASA6 76,179,79

TUMORIGENIC DATA AND REFERENCES:

3V01L04L60 orl-rat TDLo:175 mg/kg,52W-C	FCTXAV 8,289,70
3V01L60R60 skn-rat TDLo:560 mg/kg,70W-I	TXAPA9 26,274,73
2V01V10 ipr-rat TDLo:240 mg/kg,23W-I	GANNA2 69,237,78
3V03L60V10 scu-rat TDLo:96 mg/kg,24W-I	BJCAAI 20,134,66
3V01J60L61 orl-mus TDLo:2759 mg/kg,55W-C	FCTOD7 20,547,82
2V03L60 orl-mky TDLo:1040 mg/kg,2Y-I	33IJAS -,369,74
2V03L60 orl-rat TD :3 mg/kg,93W-C	GANNA2 70,777,79
3V01L61J60 orl-mus TD :3227 mg/kg,55W-I	FCTOD7 20,547,82
2V03J60 orl-mus TD :113 mg/kg,54W-I	FCTXAV 12,491,74

TOXICITY DATA AND REFERENCES:

3L01L03M02 orl-rat LD50:120 mg/kg	FCTXAV 7,135,69
3L01L[illegible] ipr-rat LD50:65 mg/kg	FCTXAV 7,135,69
* orl-mus LD50:800 mg/kg	MMAPAP 35,373,68
1L30 orl-mky LD50:32 mg/kg	BJEPA5 51,183,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 26,225,74; BSCVA2 5,257,70; BLFSBY 24,129,83
★ CARCINOGENIC REVIEW,ANIMAL POSITIVE IARC** 1,175,72
★ CARCINOGENIC REVIEW,ANIMAL POSITIVE IARC** 10,245,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LV1750500 7H-FURO(3',2':4,5)FURO(2,3-c)XANTHEN-7-ONE, 3a,12c-DIHYDRO-8-HYDROXY-6,10,11-TRIMETHOXY-
UPDT:8411 MW: 382.34 MOLFM: C20-H18-O8
SYN: 5,6-DIMETHOXYSTERIGMATOCYSTIN * 8-HYDROXY-6,10,11-TRIMETHOXY-3a,12c-DIHYDRO-7H-FURO(3',2':4,5)FURO(2,3-c)XANTHEN-7-ONE

MUTATION DATA AND REFERENCES:

mma-sat 2 ug/plate	AEMIDF 38,1015,79
dns-mus-lvr 5 umol/L	CNREAB 44,2918,84

FUROFUTRAN see: YR0450000
2-FUROIC ACID, 4-BENZYL-3-THIOSEMICARBAZIDE see: LU0284000

LV1769000 2-FUROIC ACID, BUTYL ESTER
UPDT:8408 MW: 168.21 MOLFM: C9-H12-O3
SYN: BUTYL 2-FURANCARBOXYLATE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1500 mg/kg	85GMAT -,29,82

LV1805000 2-FUROIC ACID, 5-(CHLOROMETHYL)-, BUTYL ESTER
UPDT:8408 MW: 216.68 MOLFM: C10-H13-Cl-O3
SYN: BUTYL 5-(CHLOROMETHYL)-2-FURANCARBOXYLATE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2 gm/kg	85GMAT -,29,82

LV1814000 2-FUROIC ACID, alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 323.85 MOLFM: C17-H21-N-O3 . Cl-H

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:750 mg/kg	JACSAT 81,203,59

LV1821500 2-FUROIC ACID, 3,4-DIPHENYL-5-NITRO-, METHYL ESTER
UPDT:8305 MW: 323.32 MOLFM: C18-H13-N-O5
SYN: METHYL 5-NITRO-3,4-DIPHENYL-2-FUROATE

MUTATION DATA AND REFERENCES:

mma-sat 1 nmol/plate	FEPRA7 41,330,82

LV1950000 2-FUROIC ACID, METHYL ESTER
UPDT:8305 CAS: 611-13-2 MW: 126.12 MOLFM: C6-H6-O3
SYN: FURAN-alpha-CARBOXYLIC ACID,METHYL ESTER * METHYL 2-FURANCARBOXYLATE * METHYL FUROATE * METHYL 2-FUROATE * METHYL PYROMUCATE * PYROMUCIC ACID,METHYL ESTER

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg 24H MOD	FCTXAV 17,869,79

TOXICITY DATA AND REFERENCES:

ipr-rat LDLo:75 mg/kg	JPETAB 58,174,36

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LV2012000 2-FUROIC ACID, 5-NITRO-
UPDT:8408 CAS: 645-12-5 MW: 157.09 MOLFM: C5-H3-N-O5
SYN: 2-FURANCARBOXYLIC ACID,5-NITRO- (9CI) * 5-NITROFURANCARBOXYLIC ACID * NITROFURATE * 5-NITROFUROIC ACID * 5-NITROPYROMUCATE

MUTATION DATA AND REFERENCES:

mma-sat 1 mg/L	MUREAV 44,139,77
mma-sat 1 mg/plate	MUREAV 40,9,76
mma-esc 350 mg/L	MUREAV 130,97,84
dnd-esc 11 mmol/L	MUREAV 67,133,79
pic-ysc 1 gm/L	VIRLAX 99,257,79

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

LV2018000 2-FUROIC ACID, PHENETHYL ESTER
UPDT:8403 MW: 216.23 MOLFM: C13-H12-O3
SYN: 4-(2-BENZOATE * PHENETHYL 2-FUROATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg 24H MLD	NTIS** AD-A084-946

TOXICITY DATA AND REFERENCES:

* orl-rat LDLo:216 mg/kg	NTIS** AD-A084-946

LV2022900 2-FUROIC ACID, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 321.83 MOLFM: C18-H20-N-O3 . Cl-H

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:450 mg/kg	JACSAT 81,203,59

2-FUROIC ACID, 5,5'-THIODIMETHYLENE-, CYCLIC ESTER with 2,5-FURANDIMETHANOL see: SB0420000
2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with trans-2-BUTENE-1,4-DIOL see: XF0878500
2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with 2,2'-ETHYLENEDIOXYDIETHANOL see: MP4780300
2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with ETHYLENE GLYCOL see: XF0877500
2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with 2,2'-OXYBIS(ETHYLENEOXY)DIETHANOL see: MJ8363000
2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with PYROCATECHOL see: HY9033000
2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with RESORCINOL see: XF0878000
2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with 2,2'-THIODIETHANOL see: XF0660000
FUROLE see: LT7000000
alpha-FUROLE see: LT7000000

LV2500000 FURO(3',4':6,7)NAPHTHO(2,3-d)-1,3-DIOXOL-6(5aH)-ONE, 5,8,8a,9-TETRAHYDRO-9-HYDROXY-5-(3,4,5-TRIMETHOXYPHENYL)-
UPDT:8405 CAS: 4354-76-1 MW: 414.44 MOLFM: C22-H22-O8
SYN: NSC 24818 * PODOPHYLLINIC ACID LACTONE * PODOPHYLLOTOXIN

MUTATION DATA AND REFERENCES:

oms-aml-oth 50 nmol/L	CNREAB 37,3071,77
oms-aml-oth 50 nmol/L	CNREAB 37,3071,77
dni-hmn-hla 10 umol/L	BICHAW 15,5435,76
oms-hmn-hla 5 umol/L	BICHAW 15,5435,76
mnt-mus-oth 1 mg/L	JNCIAM 56,357,76
oms-mus-oth 10 umol/L	JMCMAR 19,148,76
dni-mam-ast 50 umol/L	PAACA3 24,309,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 orl-rat TDLo:500 mg/kg (1-5D preg)	JRPFA4 14,504,67
2T34T35 ipr-rat TDLo:10 mg/kg (15-16D preg)	PSEBAA 113,124,63
1T25 ipr-rat TDLo:10 mg/kg (11-12D preg)	PSEBAA 113,124,63
1T22 scu-rat TDLo:300 mg/kg (1-5D preg)	JRPFA4 14,534,67
1T22 scu-mus TDLo:250 ug/kg (3D preg)	NATUAS 176,249,55

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:15 mg/kg	FEPRA7 7,249,48
scu-rat LD50:8 mg/kg	PSEBAA 77,269,51
ivn-rat LD50:8700 ug/kg	FEPRA7 7,249,48
ims-rat LD50:3 mg/kg	FEPRA7 7,249,48
ipr-mus LD50:30 mg/kg	ARZNAD 11,327,61
* ivn-mus LD50:56 mg/kg	CSLNX* NX#01,247
ivn-rat LD50:1700 ug/kg	FEPRA7 7,249,48
ims-cat LD50:4 mg/kg	FEPRA7 7,249,48
ivn-rbt LD50:5 mg/kg	FEPRA7 7,249,48

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PMDCAY 10,85,74; 32XPAD -,49,75; ARVFAX 5,447,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LV2520000 FURO(3',4':6,7)NAPHTHO(2,3-d)-1,3-DIOXOL-6(5aH)-ONE, 5,8,8a,9-TETRAHYDRO-9-HYDROXY-5-(3,4,5-TRIMETHOXYPHENYL)-, (5R-(5-alpha,5a-beta,8a-alpha,9-beta))-
UPDT:8412 CAS: 4375-07-9 MW: 414.44 MOLFM: C22-H22-O8

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14 orl-wmn TDLo:135 mg/kg (25D pre)	FESTAS 41(Suppl):915,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LV2610000 6H-FURO(2',3':4,5)OXAZOLO(3,2-alpha)PYRIMIDINE-2-METHANOL, 2,3,3a,9a-TETRAHYDRO-3-HYDROXY-6-IMINO-, stereoisomer
UPDT:8408 CAS: 31698-14-3 MW: 225.23 MOLFM: C9-H11-N3-O4
SYN: ANCITABINE * ANCYTABINE * 2,2'-ANHYDROARABINOSYLCYTOSINE * ANHYDROARA C * ANHYDROCYTIDINE * 2,2'-ANHYDROCYTIDINE * CYCLOCYTIDINE * Cytosine 2,2'-CYCLOCYTIDINE * 2,2'-O-CYCLOCYTIDINE

TOXICITY DATA AND REFERENCES:

3C08F23J26 ipr-rat LD50:1700 mg/kg	EXPMA7 9,31,80
* ivn-rat LD50:820 mg/kg	IYKEDH 7,108,76
3C08F23J26 orl-mus LD50:3400 mg/kg	EXPMA7 9,31,80
3C08F23J26 ipr-mus LD50:1600 mg/kg	EXPMA7 9,31,80
* scu-mus LD50:4050 mg/kg	IYKEDH 7,108,76
* ivn-mus LD50:800 mg/kg	IYKEDH 7,108,76

LV2615000 6H-FURO(2',3':4,5)OXAZOLO(3,2-a)-PYRIMIDINE-2-METHANOL, 2,3,3a,9a-TETRAHYDRO-3-HYDROXY- 6-IMINO-, MONOHYDROCHLORIDE, stereoisomer
UPDT:8408 CAS: 10212-25-6 MW: 261.69 MOLFM: C9-H11-N3-O4 . Cl-H
SYN: ALEXAN * ANCITABINE HYDROCHLORIDE * 2,2'-ANHYDRO(1-beta-D-ARABINOFURANOSYL)CYTOSINE HYDROCHLORIDE * 2,2'-ANHYDROCYTIDINE HYDROCHLORIDE * 1-beta-D-ARABINOFURANOSYLCYTOSINE, 2,2'-ANHYDRO-, HYDROCHLORIDE * CYCLOCYTIDINE HYDROCHLORIDE * CYCLOCYTIDINE HYDROCHLORIDE * 2,2'-CYCLOCYTIDINE HYDROCHLORIDE * 2',3'-O-CYCLOCYTIDINE HYDROCHLORIDE * CYTOSINE, 1-beta-D-ARABINOFURANOSYL-2,2'-ANHYDRO-, HYDROCHLORIDE * NSC 145668

MUTATION DATA AND REFERENCES:

sce-hmn-lym 100 ng/L	MUREAV 53,215,78
dni-mus-leu 10 mg/L	CPBTAL 20,2286,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T46 ipr-rat TDLo:400 mg/kg (8-15D preg)	OYYAA2 8,1681,74
3T35T43T76 ipr-rat TDLo:800 mg/kg (8-15D preg)	OYYAA2 9,1601,74
2T02T03 ipr-rat TDLo:8250 mg/kg (2Y male)	OYYAA2 8,1693,74
1T13 ipr-rat TDLo:12 gm/kg (30D pre)	OYYAA2 8,1469,74
3T42T43T46 ivn-rbt TDLo:60 mg/kg (8-17D preg)	OYYAA2 8,1681,74
1T34 ivn-rbt TDLo:60 mg/kg (8-17D preg)	OYYAA2 8,1681,74
1T45 ivn-rbt TDLo:125 mg/kg (8-17D preg)	OYYAA2 8,1681,74

TOXICITY DATA AND REFERENCES:

3H02K13P26 scu-wmn TDLo:120 mg/kg	CTRRDO 62,455,78
* ivn-mus LD50:800 mg/kg	NIIRDN 6,55,82
1K13 ivn-dog LD50:344 mg/kg	OYYAA2 8,353,74
3F17K01K13 ivn-mky LD50:1045 mg/kg	OYYAA2 8,353,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LV2625000 4H-FURO(3,2-c)PYRAN-2(6H)-ONE, 4-HYDROXY-
UPDT:8411 CAS: 149-29-1 MW: 154.12 MOLFM: C7-H6-O4
SYN: CLAIBERMIN * CLAVACIN * CLAVATIN * CLAVIFORM * CLAVIFORMIN * 2,4-DIHYDROXY-2H-PYRAN-delta-2,6H-alpha-ACETIC ACID,3,6-LACTONE * 2,4-DIHYDROXY-2H-PYRAN-6-ACETIC ACID,3,6-LACTONE * EXPANSIN * EXPANSINE * GIGANTIN * 4-HYDROXY-4H-FURO(3,2-C)PYRAN-2(6H)-ONE * LEUCORIN * MYCOSIN * MYCOSINE * NSC 124,123 * MYCOSIN C3 * MYCOSIN * PATULIN * PATULINE * PENATIN * PENICIDIN * PENICIDINE * PENTAMYCIN * 2H-PYRAN,2-HYDROXY-3,6H-alpha-ACETIC ACID,3,6-DIHYDRO-,3,6-LACTONE * TERPENTIN * TERPENTINE

MUTATION DATA AND REFERENCES:

mrc-bcs 20 ug/disc	CNREAB 36,445,76

mmo-smc 10 ug/L/3H JAFCAU 17,454,69
mrc-smc 20 ug/L/3H JAFCAU 17,454,69
oms-smc 50 mg/L AEMIDF 45,110,83
dnd-hmn:hla 32 mg/L/1H JJEMAG 42,527,72
dni-hmn:lym 50 mg/L FCTOD7 20,893,82
dni-hmn:hla 3200 mg/L FCTOD7 20,893,82
oms-hmn:hla 3200 mg/L FCTOD7 20,893,82
sce-hmn:lym 100 ug/L FCTOD7 20,893,82
dnd-mus:oth 3200 ug/L GANNA2 68,619,77
cyt-mus:oth 100 ug/L GANNA2 68,619,77
msc-mus:oth 100 ug/L GANNA2 68,619,77
cyt-ham:orl 10 mg/kg MUREAV 74,164,80
sce-ham:oth 500 ug/L MUREAV 113,273,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T53T81 orl-rat TDLo:135 mg/kg (5W male/5W pre-20D preg) JTEHD6 2,713,77
1T76 orl-rat TDLo:675 mg/kg (5W male/5W pre-20D preg) JTEHD6 2,713,77
1T34 orl-rat TDLo:135 mg/kg (MGN) JTEHD6 2,713,77
1T75 orl-mus TDLo:24 mg/kg (14-19D preg) FCTXAV 16,243,78
1T34 ipr-mus TDLo:18 mg/kg (6-17D preg) TXCYAC 11,219,78
1T25 ipr-mus TDLo:24 mg/kg (6-17D preg) TXCYAC 11,219,78

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:232 mg/kg/58W-I BJCAAI 15,85,61

TOXICITY DATA AND REFERENCES:
3F17J22K30 orl-rat LD50:27790 ug/kg ARCVBP 8,41,77
3F17J22K30 ipr-rat LD50:4590 ug/kg ARCVBP 8,41,77
3F17J22K30 ivn-rat LD50:8570 ug/kg ARCVBP 8,41,77
orl-mus LD50:17 mg/kg TXAPA9 45,275,78
* ipr-mus LD50:5 mg/kg APTOA6 2,109,46
3F13J22J26 scu-mus LD50:10 mg/kg FCTXAV 18,181,80
* ivn-mus LD50:5 mg/kg 85GDA2 5,439,81
2F12J24 ice-mus LD50:570 ug/kg TXCYAC 13,91,79
unk-mus LDLo:8 mg/kg BJCAAI 15,85,61
3F07F15K12 ivn-dog LD50:10 mg/kg FCTXAV 17,605,79
ivn-rbt LDLo:12 mg/kg LANCAO 245,631,43

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LLOYA2 38(1),21,75; MUREAV 26,225,74; JMFTAT 38(11),695,75; 22HAAD 6,409,71; ARMIAZ 26,279,72
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 10,205,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LV2625100 4H-FURO(3,2-c)PYRAN-2(6H)-ONE, 4-HYDROXY-, BUTYRATE (ester)
UPDT:8311 MW: 196.17 MOLFM: C9-H8-O5
SYN: ACETATE de MYCOINE (French) * 4-HYDROXY-4H-FURO(3,2-c)PYRAN-2(6H)-ONE ACETATE (ester) * MYCOIN ACETATE

TOXICITY DATA AND REFERENCES:
* par-rat LDLo:25 mg/kg APFRAD 13,127,55
* par-mus LDLo:15 mg/kg APFRAD 13,127,55

LV2625300 4H-FURO(3,2-c)PYRAN-2(6H)-ONE, 4-HYDROXY-, BUTYRATE
UPDT:8312 MW: 224.23 MOLFM: C11-H12-O5
SYN: BUTYRATE de MYCOINE (French) * 4-HYDROXY-4H-FURO(3,2-c)PYRAN-2(6H)-ONE BUTYRATE (ester) * MYCOIN BUTYRATE

TOXICITY DATA AND REFERENCES:
* par-rat LDLo:25 mg/kg APFRAD 13,127,55
* par-mus LDLo:15 mg/kg APFRAD 13,127,55

LV2626000 4H-FURO(3,2-c)PYRAN-2(6H)-ONE, 4-HYDROXY-, PROPIONATE (ester)
UPDT:8311 MW: 210.20 MOLFM: C10-H10-O5
SYN: 4-HYDROXY-4H-FURO(3,2-c)PYRAN-2(6H)-ONE PROPIONATE (ester) * MYCOIN PROPIONATE * PROPIONATE de MYCOINE (French)

TOXICITY DATA AND REFERENCES:
* par-rat LDLo:25 mg/kg APFRAD 13,127,55
* par-mus LDLo:15 mg/kg APFRAD 13,127,55

LV2630000 FURO(2,3-b)PYRANO(3,2-d)PYRAN-7-CARBOXYLIC ACID, DECAHYDRO-5-(6-AMINO-9-PURINYL)-2-METHOXY- 8,9,9a-TRIHYDROXY-, METHYL ESTER, 9-(2-(HYDROXYMETHYL)CROTONATE)
UPDT:8309 MW: 551.57 MOLFM: C23-H29-N5-O11
SYN: HERBICIDIN A

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:500 mg/kg 85GDA2 5,305,81

FUROSEDON see: CB2625000
FUROSEM see: LT7700000
FUROSEMID see: CB2625000
FUROSEMIDE see: CB2625000
FUROSEMIDE 'MITA' see: CB2625000
FUROTHIAZOLE see: AC6650000
FUROTHIAZOLE (the bactericide) see: AC6500000
FUROVAG see: RQ3675000
FUROX see: RQ3675000
FUROXAL see: RQ3675000
FUROXANE see: RQ3675000
FUROXONE see: RQ3675000
FUROXONE SWINE MIX see: RQ3675000
N-FUROYL-N'-n-BUTYLHARNSTOFF (German) see: YS3828000
2-(4-(2-FUROYL)PIPERAZIN-1-YL)-4-AMINO-6,7-DIMETHOXYQUINAZOLINE HYDROCHLORIDE see: VA1350000
7-(2-(4-(2-FUROYL)-1-PIPERAZINYL)ETHYL)THEOPHYLLINE see: XH5630000
FUROZOLIDINE see: RQ3675000
FURPIRINOL see: UT5023000
FURPYRINOL see: UT5023000
FURRO D see: SS8050000
FURRO EG see: SJ4900000
FURRO ER see: QL2800000
FURRO L see: BZ8580500
FURRO P BASE see: SJ5075000
FURRO SLA see: ST2705000
FURSEMID see: CB2625000
FURSEMIDE see: CB2625000
FURSULTIAMIN see: LQ0750000
FURSULTIAMINE see: LQ0750000
FUR YELLOW see: SS8050000
3-(1-FURYL-3-ACETYLETHYL)-4-HYDROXYCOUMARIN see: GN4850000
3-(1-FURYL-2-ACETYLETHYL)-4-HYDROXYCOUMARIN, SODIUM SALT see: GN4860000
FURYL ALCOHOL see: LU9100000
FURYLAMIDE see: AS3500000
2-(2-FURYL)BENZIMIDAZOLE see: DD9010000
2-(2'-FURYL)-BENZIMIDAZOLE see: DD9010000
alpha-FURYLCARBINOL see: LU9100000
2-FURYLCARBINOL see: LU9100000
1-(2-(2-FURYLDIMETHYLSILYL)ETHYL)SILATRANE see: YJ9030900
17-alpha-(3-FURYL)ESTRA-1,3,5(10),7-TETRAENE-3,17-DIOL 3-ACETATE see: JF7952000
(beta-(2-FURYL)ETHYL)SILATRANE see: YJ9030950
1-(2-(2-FURYL)ETHYL)SILATRANE see: YJ9030950
FURYLFURAMIDE see: AS3500000
FURYLFURAMIDE see: AS3510000
1-(3-FURYL)-4-HYDROXYPENTANONE see: SA9050000
1-(beta-FURYL)-4-HYDROXYPENTANONE see: SA9050000
5-(3-FURYL)-5-HYDROXY-2-PENTANONE see: SA9060000
2-FURYL p-HYDROXYPHENYL KETONE see: OB3860000
beta-FURYL ISOAMYL KETONE see: SA8935000
4-(2-FURYLKETO)-2,3-DICHLOROPHENOXYACETIC ACID see: AG6542000 ACETIC ACID, (2,3-DICHLORO-4-(2-FUROYL)PHENOXY)-
2-FURYL-METHANAL see: LT7000000
5-(2-FURYL)-3-METHOXY-as-TRIAZINE see: XY9246000
2-FURYL METHYL KETONE ISONICOTINOYLHYDRAZONE see: NS2000000
1-(3-FURYL)-4-METHYL-1-PENTANONE see: SA8935000
1-(5-(3-FURYL)-2-METHYL-TETRAHYDRO-2-FURYL)-5-HYDROXY-4-METHYL-2-PENTANONE see: SA9070000
5-(2-FURYL)-3-(METHYLTHIO)-as-TRIAZINE see: XY9247000
alpha-2-FURYL-5-NITRO-2-FURANACRYLAMIDE see: AS3500000
2-(2-FURYL)-3-(5-NITRO-2-FURYL)ACRYLAMIDE see: AS3500000
trans-2-(2-FURYL)-3-(5-NITRO-2-FURYL)ACRYLAMIDE see: AS3510000
alpha-(FURYL)-beta-(5-NITRO-2-FURYL)ACRYLIC AMIDE see: AS3500000
2-(2-FURYL)-3-(5-NITRO-2-FURYL)ACRYLIC ACID AMIDE see: AS3500000
1-(3-FURYL)-1,4-PENTANEDIONE see: SA1956000
FUSARENON see: YD0160000
1-(2-FURYL)SILATRANE see: YJ9030800
1-(3-FURYL)SILATRANE see: YJ9030850
1-(5-(3-FURYL)TETRAHYDRO-2-METHYL-2-FURYL)-4-METHYL-2-PENTANONE, (2R,5S)-(-) see: SA9080000
(2S,5R)-(+)-1-(5-(3-FURYL)TETRAHYDRO-2-METHYL-2-FURYL)-4-METHYL-2-PENTANONE see: SA9082000
FUSARENONE X see: YD0160000
(3-FURYL)TRIMETHYLAMMONIUM IODIDE see: BQ6896500

LV5456700 FUSAFUNGINE
UPDT:8407 CAS: 1393-87-9 MW: 555.82 MOLFM: C29-H51-N2-O8
SYN: BIOFUSAL * FUSAFUNGIN * FUSALOYOS * FUSARINE * LOCABIOTAL * S 314

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:350 mg/kg 85GDA2 4(2),182,80

FUSARENON X see: YD0160000
FUSAREX see: DB9625000
FUSAREX see: DC0175000
FUSARIC ACID see: US5625000
FUSARINIC ACID see: US5625000

LV5490000 FUSARIOCIN A
DEF: A cytotoxic metabolite isolated from FUSARIUM MONILIFORME, a fungus found on maize (FCTXAV15,579,77)
UPDT:8305

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2880 ug/kg FCTXAV 15,579,77

FUSARIOTOXINE T2 see: YD0100000
FUSARIOTOXIN T 2 see: YD0100000
FUSARIUM MONILIFORME EXTRACT see: LT3686500
FUSARIUM TOXIN see: DM2550000
FUSED BORIC ACID see: ED7900000
FUSED QUARTZ see: VV7320000
FUSED SILICA see: VV7320000
FUSELOEL (German) see: LV5600000

LV5600000 FUSEL OIL
DEF: Composition of grain FUSEL OIL is METHANOL, ETHANOL, ACETALDEHYDE and other ALCOHOLS(ARGEAR 33,49,69)
UPDT:8312
SYN: FUSELOEL (German) * FUSEL OIL (DOT) * HUILE DE FUSEL (French) * UN 1201 (DOT)

MUTATION DATA AND REFERENCES:
mmo-esc 7000 ppm ARGEAR 33,49,69
dli-mus-scu 12500 mg/kg/5D-C ARGEAR 33,49,69

STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

FUSEL OIL (DOT) see: LV5600000
FUSID see: CB2625000
FUSIDATE SODIUM see: LV5775000
FUSIDIC ACID see: RC1350000

LV5775000 FUSIDIC ACID, SODIUM SALT
UPDT:8408 CAS: 751-94-0 MW: 538.77 MOLFM: C31-H47-O6-Na
SYN: FUCIDIN * FUCIDINA * FUCIDINE * FUSIDATE SODIUM * FUSIDIN * FUSIN * INTERTULLE FUCIDIN * SODIUM FUSIDATE * SODIUM FUSIDIN * SQ 16360 * ZN 6 * ZN 6 NA

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:170 mg/kg LANCAO 1,928,62
* scu-mus LD50:313 mg/kg LANCAO 1,928,62
* ivn-mus LD50:205 mg/kg NIIRDN 6,675,82

FUSIDIN see: LV5775000
FUSIDINE see: RC1350000
FUSIN see: LV5775000
FUSSOL see: AC1225000
FUTRAFUL see: YR0450000
FUTRAMINE D see: SS8050000
FUTRAMINE EG see: SJ4900000
FUVACILLIN see: LT7700000
FUXAL see: WO9030000
FUZIDIN see: RC1350000
FW 50 see: ZC9750000
FW 200 (mineral) see: ZC9750000
FW 293 see: DC8400000
FW 450 see: UF0950000
FW 734 see: UE4900000
FW 925 see: KN8400000
FWH 114 see: OB2780000
FWH-352 see: KQ2975000
FX 703 see: XO0740000
FYCOL B see: GL7020000
FYDALIN see: YS2975000
FYDE see: LP8925000
FYFANON see: WM8400000
FYRACYL see: VO0780000
FYREX see: TB9375000
FYROL CEF see: KK2450000
FYROL FR 2 see: UB1473000
FYROL HB32 see: UB03500[illegible]

BEST COPY AVAILABLE

FYRQUEL 150 see: TD0175000
FYSIOQUENS see: RC8945400
FYTIC ACID see: NM7525000
FYTOLAN see: GL7020000
F 4Zh20 see: KX4025000
G 0 see: CM3150000
G 1 see: AE4200000
G 1 see: EV6566000 CAFFEINE, 8-((2-HYDROXYETHYL)METHYLAMINO)-
2-G see: TY8400000
G 4 see: SM0175000
G 4 see: EV6568500 CAFFEINE, 8-((beta-HYDROXY-alpha-METHYLPHENETHYL)AMINO)-
G 5 see: EV6565000 CAFFEINE, 8-(2-HYDROXYETHYLAMINO)-
G-6 see: YM2781500
G-11 see: SM0700000
G-020 see: SN7800000
G 25 see: PB6300000
G 87 see: TY8400000
G 90 see: EV6569000 CAFFEINE, 8-((2-HYDROXYPROPYL)AMINO)-
G 100 see: EV6579000 CAFFEINE, 8-((3-METHOXYPROPYL)AMINO)-
G 163 see: KX4025000
G 301 see: TF3325000
G 338 see: DD2275000
G 347 see: TF9800000
G 475 see: CQ2450000
G 800 see: YE0450000
G 996 see: SZ7100000
G 1549 see: UV1147000
G 1700 see: VC3676870
G-2408 see: KJ4625000
G 3707 see: MD0875000
G 13,871 see: UQ8225000
G 1499-2 see: VC8298500
G 19258 see: FA1500000
G-22008 see: FA2450000
G 22150 see: HO1925000
G-22355 see: HO1575000
G 22355 see: HO1925000
G-22870 see: EZ9084000
G-23133 see: GN4830000
G-23350 see: GN4900000
G 23611 see: FA2100000
G 23992 see: DD2275000
G-24027 see: TF3675000
G 24,163 see: DD2450000
G-24480 see: TF3325000
G-24622 see: TF5650000
G 25766 see: NK5250000
G-25804 see: DK6825000
G 27202 see: UQ8400000
G 27365 see: TD5950000
G 27692 see: XY5250000
G 27901 see: XY5425000
G 28029 see: TD5775000
G-29288 see: TD5425000
G 30027 see: XY5600000
G-30028 see: XY5300000
G-30044 see: XY3850000
G 30494 see: TD6125000
G-31435 see: XY4200000
G-32293 see: XY8750000
G-32465 see: XZ5350000
G 32883 see: HN8225000
G 32911 see: XY4025000
G 33040 see: TL8750000
G 33182 see: DB1556000
G 34161 see: XY4390000
G-34162 see: XY9100000
G 343.0 see: XZ0175000
G 34586 see: HN9055000
G 35020 see: HO0525000
G 35157 see: TD6330000
G 35159 see: TD6100000
G 35161 see: TD5410000
G 35163 see: TD5400000
GA see: LY8990000
GA see: TB4550000
GA3 see: LY8990000
GA 025 see: UV6309100
GA 026 see: UV6309150
GA 050 see: UV6309200
GA 051 see: UV6309300
G 90a see: EV6569500 CAFFEINE, 8-((3-HYDROXYPROPYL)AMINO)-
GA 242 see: MM1120200
GA 297 see: KL2895000
G-2130A see: MD0875000
GA-10832 see: XU5785000
GABA see: ES6300000
GABACET see: UX9660500
GABACULIN see: GU4760000
GABACULINE see: GU4760000
GABAIL see: LY3860000
GABBROMICINA see: WK2320000
GABBROMYCIN see: WK2320000
GABBROMYCIN see: WK2315000
GABBROPAS see: VO1225000
GABBRORAL see: WK2320000
GABBROROL see: WK2320000
GABEXATE MESILATE see: DG2800800
GABEXATE MESYLATE see: DG2800800
GABOB see: ES7015000
GABOMADE see: ES7015000
GABONIL see: DG7506000
GABRITE see: YU1610000
GADARTAMBAKU EXTRACT (Indian) see: FJ7530000
GADEXYL see: TZ0175000
GADISTOL see: GG8385000

LW3850000 GADOLINIUM
UPDT:8401 CAS: 7440-54-2 MW: 157.25 MOLFM: Gd
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-mus TDLo:25 gm/kg PSEBAA 135,426,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GADUOL see: GG8385000
GAFCOL EB see: KJ8575000
GAFCOTE see: KV0350000
GAGEXYL see: TZ0175000
GAIAMAR see: TY8400000
GAJAR, seed extract (Indian) see: HB7710000
GAJAR, seed extract (Indian) see: HB7715000 DAUCUS CAROTA Linn., seed extract
GAJAR STEM BARK EXTRACT (Indian) see: LK4040000
GAJHPIPAL STEM BARK EXTRACT (Indian) see: LK3780000
GALACTASOL see: MG0185000
GALACTASOL A see: GM5090000
GALACTICOL see: LW5425000

LW5259000 GALACTITOL, 1,2-ANHYDRO-6-BROMO-6-DEOXY-
UPDT:8402 MW: 227.08 MOLFM: C6-H11-Br-O4
SYN: 1,2-ANHYDRO-6-BROMO-6-DEOXYGALACTITOL
TOXICITY DATA AND REFERENCES:
3P13P30V30 ipr-rat LD10:48 mg/kg EJCODS 18,573,82
3P13P30V30 ipr-mus LD50:79 mg/kg EJCODS 18,573,82

LW5260000 GALACTITOL, 1,4-ANHYDRO-6-BROMO-6-DEOXY-
UPDT:8402 CAS: 82079-63-8 MW: 227.08 MOLFM: C6-H11-O4-Br
SYN: 1,4-ANHYDRO-6-BROMO-6-DEOXYGALACTITOL * 1-BROMO-3,6-ANHYDRODULCITOL
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CRNGDP 3,333,82
mma-sat 100 ug/plate CRNGDP 3,333,82
sce-ham:oth 10 mg/L CNREA8 54,4530,83

LW5300000 GALACTITOL, 1,2:3,6-DIANHYDRO-
UPDT:8402 CAS: 82049-08-9 MW: 146.16 MOLFM: C6-H10-O4
SYN: 1,2:3,6-DIANHYDROGALACTITOL * 1,2-EPOXY-3,6-ANHYDRODULCITOL
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate CRNGDP 3,333,82
mma-sat 1 mg/plate CRNGDP 3,333,82
sce-ham:oth 500 mg/L CNREA8 43,4530,83

LW5320000 GALACTITOL, 1,2:5,6-DIANHYDRO-
UPDT:8402 CAS: 23261-20-3 MW: 146.16 MOLFM: C6-H10-O4
SYN: DAG * 1,2-5,6-DIANHYDRO-DULCITOL * DIANHYDROGALACTITOL * 1,2:5,6-DIANHYDROGALACTITOL * DULCITOLDIEPOXIDE * NSC 132313
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CRNGDP 3,333,82
mma-sat 100 ug/plate CRNGDP 3,333,82
dnd-rat-ipr 264 umol/L/3g 26QZAP 2,31,72
oms-rat-ipr 7500 ug/kg ABBPAP 16,151,81
sce-ham:oth 50 ug/L CNREA8 43,4530,83
dnd-ckn:leu 30 mmol/L TELEAY (29),2477,75
dni-rbt:bmr 136 umol/L BCPCA6 25,1705,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:14 mg/kg CCROBU 56,593,72
ipr-rat LD50:11 mg/kg CCROBU 56,593,72
ivn-rat LD50:16 mg/kg CCROBU 56,593,72
unk-rat LD50:11 mg/kg 26QZAP 2,31,72
orl-mus LD50:17 mg/kg CCROBU 56,593,72
ipr-mus LD50:15 mg/kg CCROBU 56,593,72
ivn-mus LD50:21 mg/kg CCROBU 56,593,72
ivn-dog LDLo:16 mg/kg CTRRDO 60,1585,76
ivn-rbt LD50:14 gm/kg CCROBU 56,593,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LW5370000 GALACTITOL, 1,2:5,6-DIANHYDRO-, BIS(HEMISUCCINATE)
UPDT:8402 MW: 346.32 MOLFM: C14-H18-O10
SYN: 3,4-DISUCCINYLDIANHYDROGALACTITOL
MUTATION DATA AND REFERENCES:
bfa-mus/sat 240 mg/kg CNREA8 43,4530,83
sce-ham:oth 12 mg/L CNREA8 43,4530,83

LW5380000 GALACTITOL, 1,2:5,6-DIANHYDRO-, DIACETATE
UPDT:8402 CAS: 57230-48-5 MW: 230.24 MOLFM: C10-H14-O6
SYN: 3,4-DIACETYL-1,2-5,6-DIANHYDRO-DULCITOL
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate CNREA8 43,4530,83
mma-sat 1 mg/plate CNREA8 43,4530,83
sce-ham:oth 90 ug/L CNREA8 43,4530,83
dnd-ckn:leu 30 mmol/L TELEAY (29),2477,75

LW5425000 GALACTITOL, 1,6-DIBROMO-1,6-DIDEOXY-
UPDT:8412 CAS: 10318-26-0 MW: 308.00 MOLFM: C6-H12-Br2-O4
SYN: DBD * DIBROMODULCITOL * DIBROMODULCITOL * 1,6-DIBROMO-1,6-DIDEOXYDULCITOL * 1,6-DIBROMO-1,6-DIDEOXYGALACTITOL * 1,6-DIBROMODULCITOL * ELOBROMOL * GALACTICOL * MITOLAC * MITOLACTOL * NCI-C04795 * NSC-104800
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CRNGDP 3,333,82
mma-sat 100 ug/plate CRNGDP 3,333,82
oms-hmn:lym 1 mg/L CBINA8 15,299,76
cyt-hmn:hla 25 mg/L 26QZAP 2,423,72
dnd-rat-ipr 110 mg/kg CBINA8 47,133,83
oms-rat-ipr 250 mg/kg ABBPAP 16,151,81
bfa-rat/sat 450 mg/kg CRNGDP 3,333,82
cyt-ham:oth 50 mg/L/3H 26QZAP 2,423,72
sce-ham:oth 5500 ng/L CNREA8 43,4530,83
dnd-mam:lym 150 mmol/L CBINA8 47,133,83
dni-rbt:bmr 390 umol/L BCPCA6 25,1705,76
TUMORIGENIC DATA AND REFERENCES:
2V02R60 ipr-rat TDLo:5850 mg/kg/26W-I RRCRBU 52,1,75
2V02J60 ipr-mus TDLo:3500 mg/kg/26W-I RRCRBU 52,1,75
TOXICITY DATA AND REFERENCES:
1V30 orl-hmn TDLo:72 mg/kg/D ANBCB3 23,50,78
orl-rat LD50:1000 mg/kg CCROBU 56,593,72
ipr-rat LD50:470 mg/kg CCROBU 56,593,72
unk-rat LD50:470 mg/kg 26QZAP 2,31,72
1V25 ipr-mus LD50:550 mg/kg ARZNAD 17,145,67
orl-rbt LD50:300 mg/kg CCROBU 56,593,72
1V30 orl-mam LD50:700 mg/kg VOONAW 22(6),61,76
STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (RRCRBU 52,1,75)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LW5440300 beta-D-GALACTOPYRANOSIDE, (3-beta)-SOLANID-5-EN-3-YL O-6-DEOXY-alpha-L-MANNOPYRANOSYL-(1-2)- O-(beta-D-GLUCOPYRANOSYL-(1-3))-, HYDROCHLORIDE
UPDT:8405 CAS: 40816-40-8 MW: 904.65 MOLFM: C45-H73-N-O15 Cl-H
SYN: SOLANINE HYDROCHLORIDE * SOLANIN HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T75 unk-rat TDLo:2500 mg/kg (28D pre/1-22D preg) TVLAA5 14,97,71

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

BEST COPY AVAILABLE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:42 mg/kg MEIEDD 10,1244,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GALACTOQUIN see: LW5950000
GALACTOSAMINE see: LW5498000
D-GALACTOSAMINE see: LW5498000
D-(+)-GALACTOSAMINE see: LW5498000
D-GALACTOSAMINE HYDROCHLORIDE see: LW5500000
GALACTOSE see: LW5490000

LW5490000 GALACTOSE, D-

UPDT:8411 CAS: 59-23-4 MW: 180.18 MOLFM: C6-H12-O6
SYN: GALACTOSE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:240 gm/kg (11-22D preg) JOPDAB 70,676,67
2T42T25 orl-rat TDLo:188 gm/kg (8-10D preg) ANENAG 20,203,59
2T34T81 orl-rat TDLo:440 gm/kg (1-22D preg) JOPDAB 67,438,65
1T87 orl-rat TDLo:475 gm/kg (3-22D preg) SCIEAS 214,1145,81
1T82 orl-rat TDLo:1000 gm/kg (3-22D preg/21D post) SCIEAS 214,1145,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LW5498000 GALACTOSE, 2-AMINO-2-DEOXY-, D-

UPDT:8412 CAS: 7535-00-4 MW: 179.20 MOLFM: C6-H13-N-O5
SYN: D-2-AMINO-2-DEOXYGALACTOSE * CHONDROSAMINE * GALACTOSAMINE * D-GALACTOSAMINE * D-(+)-GALACTOSAMINE

MUTATION DATA AND REFERENCES:
dni-hmn:lym 10 mmol/L CNREA8 42,2867,82
oms-rat-ipr 400 mg/kg BBACAQ 782,262,84

LW5500000 GALACTOSE, 2-AMINO-2-DEOXY-, HYDROCHLORIDE, D-

UPDT:8401 CAS: 1772-03-8 MW: 215.66 MOLFM: C6-H13-N-O5 Cl-H
SYN: 2-AMINO-2-DEOXY-D-GALACTOSE HYDROCHLORIDE * D-GALACTOSAMINE HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 ipr-rat TDLo:135 gm/kg/77W-I VAAZA2 12,285,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-(beta-D-GALACTOSIDO)-D-GLUCOSE see: OD9625000

LW5920000 GALACTOSYLAMINE, N,N'-(SULFONYLDI-p-PHENYLENE)BIS-

UPDT:8306 CAS: 1329-37-9 MW: 572.64 MOLFM: C24-H32-N2-O12-S
SYN: COCCICID * DIGALACTOSIDE de la 4,4'-DIAMINO-DIPHENYL-SULFONE (French) * EUPATIN B * GALACTOSYLAMINE N,N'-(SULFONYLDI-4,1-PHENYLENE)BIS- (9CI) * G.A.P.S. * RECONAIN * SOLUFONE * p,p'-SULFONYLDIANILINE N,N'-DIGALACTOSIDE * N,N'-(SULFONYLDI-p-PHENYLENE)BIS-GALACTOSYLAMINE * N,N'-(SULFONYLDI-4,1-PHENYLENE)BIS(GALACTOSYLAMINE) * TIBATIN

TOXICITY DATA AND REFERENCES:
3C08F12Y55 scu-rat LD50:10 gm/kg AIPTAK 91,260,52
3C08F12J30 scu-mus LDLo:20 gm/kg AIPTAK 91,260,52

GALACTOSYLAMINE, N,N'-(SULFONYLDI-4,1-PHENYLENE)BIS- (9CI) see: LW5920000
D-GALACTURONIC ACID ISONICOTINYL HYDRAZONE see: NS1752000 ISONICOTINIC ACID HYDRAZIDE,HYDRAZONE with D-GALACTURONIC ACID

LW5950000 GALACTURONIC ACID, compd. with alpha-(6-METHOXY-4-QUINOLYL)-5-VINYL-2-QUINUCLIDINEMETHANOL

UPDT:8308 CAS: 7681-28-9 MW: 1683.58 MOLFM: C20-H24-N2-O2 xC6-H10-O7
SYN: CARDIOQUIN * GALACTOQUIN * NATICARDINA * QUINIDINE POLYGALACTURONATE * 2-QUINUCLIDINEMETHANOL, alpha-(6-METHOXY-4-QUINOLYL)-5-VINYL-, GALACTURONATE (salt) * SINEFLUTTER

TOXICITY DATA AND REFERENCES:
3D07F07K30 orl-rat LD50:3200 mg/kg ANTCAO 9,97,59
3F11F17K30 orl-mus LD50:2680 mg/kg ANTCAO 9,97,59

D-GALACTURONIC ACID POLYMERS compd. with (+)-N-BENZYL-N,alpha-DIMETHYLPHENETHYLAMINE see: SG9620000
GALANGIN see: LK9275500
GALANTHAMINE HYDROBROMIDE see: DF8075000
GALATUR see: GY0350000
GALBANIC ACID see: GW2580000

LW6050000 GALBANUM OIL

UPDT:8305 CAS: 8023-91-4

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,765,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GALBEN see: AY7561000
GALCTIN see: TW2895000
GALECRON see: LQ4375000
GALECRON SP see: LQ4550000
GALENA see: OG4550000
GALIPAN see: AF9700000

LW6256000 GALIUM APARINE Linn., extract

DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

GALKAMARA EXTRACT (Indian) see: EX8730000
GALLAMIN see: BS1100000
GALLAMINE see: BS1100000
GALLAMINE-3ETI see: BS1100000
GALLAMINE IODIDE see: BS1100000
GALLAMINE TRIETHIODIDE see: BS1100000
GALLAMINE TRIIODOETHYLATE see: BS1100000
GALLAMIN TRIETHIODIDE see: BS1100000

LW7525000 GALLIC ACID

UPDT:8406 CAS: 149-91-7 MW: 170.13 MOLFM: C7-H6-O5
SYN: BENZOIC ACID, 3,4,5-TRIHYDROXY- * 3,4,5-TRIHYDROXYBENZOIC ACID

MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate ABCHA6 45,327,81
mma-sat 100 ug/plate ABCHA6 45,327,81
mrc-smc 100 mg/L MUREAV 135,109,84
cyt-mus-ipr 100 umol/kg IJMRAQ 59,1442,71
cyt-ham:ovr 50 mg/L CALEDQ 14,251,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 scu-rat TDLo:5 mg/kg (1D pre) ENDOAO 57,466,55

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 mg/kg CSLNX* NX#02597
orl-rbt LD50:5 gm/kg AJVRAH 23,1264,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LW8000000 GALLIC ACID, METHYL ESTER

UPDT:8401 CAS: 99-24-1 MW: 184.16 MOLFM: C8-H8-O5
SYN: BENZOIC ACID, 3,4,5-TRIHYDROXY-, METHYL ESTER * METHYL GALLATE * METHYL 3,4,5-TRIHYDROXYBENZOATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1700 mg/kg 85GDA2 8(2),286,82
* ipr-mus LD50:784 mg/kg 85GDA2 8(2),286,82
* ivn-mus LD50:470 mg/kg 85GDA2 8(2),286,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LW8400000 GALLIC ACID, PROPYL ESTER

UPDT:8412 CAS: 121-79-9 MW: 212.22 MOLFM: C10-H12-O5
SYN: BENZOIC ACID, 3,4,5-TRIHYDROXY-, PROPYL ESTER * NIPA 49 * NIPAGALLIN P * PROGALLIN P * n-PROPYL ESTER of 3,4,5-TRIHYDROXYBENZOIC ACID * PROPYL GALLATE * n-PROPYL GALLATE * PROPYL 3,4,5-TRIHYDROXYBENZOATE * n-PROPYL 3,4,5-TRIHYDROXYBENZOATE * TENOX PG * 3,4,5-TRIHYDROXYBENZENE-1-PROPYLCARBOXYLATE * 3,4,5-TRIHYDROXYBENZOIC ACID n-PROPYL ESTER

MUTATION DATA AND REFERENCES:
mma-sat 200 ug/plate SYSWAE 12,41,79
mma-sat 200 ug/plate SYSWAE 12,41,79
cyt-ham:fbr 40 mg/L ESKHA5 96,55,78
cyt-ham:lng 10 mg/L ARTODN (Suppl 4),41,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:45 gm/kg (1-22D preg) SKEZAP 20,378,79
1T75 orl-rat TDLo:19 gm/kg (1-22D preg) SKEZAP 20,378,79
1T25 orl-rat TDLo:2500 mg/kg (1-22D preg) AJANA2 110,29,62

TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:168 gm/kg/2Y-C NKEZA4 29,25,82
2V03J60 ipr-mus TDLo:600 mg/kg-8W-I CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2600 mg/kg VPITAR 18,24,59
ipr-rat LD50:380 mg/kg FOTEAO 2,308,48
orl-mus LDLo:1600 mg/kg 14CYAT 2,1897,63
orl-cat LD50:400 mg/kg 14CYAT 2,1897,63

STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED,RESULTS NEGATIVE:MOUSE, RAT (NTPTR* NTP-TR-240,82)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GALLIMYCIN see: KF5790000

LW8600000 GALLIUM

UPDT:8404 CAS: 7440-55-3 MW: 69.72 MOLFM: Ga
SYN: GALLIUM METAL, LIQUID (DOT) * GALLIUM METAL, solid (DOT) * UN 2803 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD-ORM-B, LABEL:NONE, liquid CFRGBR 49,172.101,82
★ DOT-HAZARD-ORM-B, LABEL:NONE, solid CFRGBR 49,172.101,82
★ DOT-IMO-CORROSIVE MATERIAL, LABEL:CORROSIVE CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LW8800000 GALLIUM ARSENIDE

UPDT:8107 CAS: 1303-00-0 MW: 144.64 MOLFM: As-Ga
SYN: GALLIUM MONOARSENIDE

TOXICITY DATA AND REFERENCES:
3F13F19J26 ipr-rat LD30:10 gm/kg GTPZAB 24(3),45,80
3C08F07F15 ipr-mus LD50:4700 mg/kg GISAAA 45(10),13,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GALLIUM METAL, LIQUID (DOT) see: LW8600000
GALLIUM METAL, solid (DOT) see: LW8600000
GALLIUM MONOARSENIDE see: LW8800000
GALLIUM-NICKEL ALLOY see: QR7020000
GALLOCHROME see: LM5250000
GALLODESOXYCHOLIC ACID see: FZ1980000
GALLOGAMA see: GV4900000
GALLOGEN see: DJ2620000
GALLOGEN (ASTRINGENT) see: DJ2620000
GALLOTANNIC ACID see: WW5075000
GALLOTANNIN see: WW5075000
GALLOTOX see: OV6475000
GALLOXON see: GN5250000
GALOFAX see: XH9400000
GALOPERIDOL see: EU1575000
GALOXANE see: GN5250000
GALOXOLIDE see: GY0790000
GALOXONE see: GN5250000
GALOZONE see: FI0700000

LX0705000 GALPHIMIA GLAUCA, leaf or stem extract

UPDT:8307

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

GALVATOL 1-60 see: TR8100000
GAMACID see: GV4900000
GAMAKARBATOXU M (Polish) see: QX4246000
GAMAPHEX see: GV4900000
GAMAQUIL see: UB9275000
GAMAREX see: ES6300000
GAMASERPIN see: ZG0350000
GAMASOL 90 see: PV6210000
GAMENE see: GV4900000
GAMETOCIDE see: UF0950000
GAMIBETAL see: ES7015000
GAMISO see: GV4900000
GAMMACARBATOX M see: QX4246000
GAMMA-COL see: GV4900000
GAMMACORTEN see: TU3980000
GAMMAHEXA see: GV4900000
GAMMAHEXANE see: GV4900000
GAMMAKARBATOX M see: QX4246000
GAMMALIN see: GV4900000
GAMMALIN 20 see: GV4900000
GAMMALON see: ES6300000
GAMMA OH see: ET4750000
GAMMAPHOS see: TE6491000
GAMMASERPINE see: ZG0350000
GAMMATERR see: GV4900000
GAMMEX see: GV4900000
GAMMEXANE see: GV4900000
GAMMEXANE see: GV3150000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

GAMMOPAZ see: GV4900000
GAMONIL see: FC3950000
GAMONIL see: AM6485000
GAMOPHEN see: SM0700000
GAMOPHENE see: SM0700000

LX1756000 GANCIDIN (unpurified)
DEF:Produced by the strain STREPTOMYCES sp. AAK-84 (85ERAY 2,1354,78)
UPDT:8310

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LD50:1500 mg/kg	85ERAY 2,1354,78
1V30	scu-mus LD50:2800 mg/kg	85ERAY 2,1354,78
1V30	ivn-mus LD50:700 mg/kg	85ERAY 2,1354,78

GANCIDIN W see: UY8708800
GANDA see: WO9100000
GANDH-PRASAR LEAF EXTRACT (Indian) see: RT1124000
GANEAKE see: GL1224000
GANEX P 804 see: TR8370000
GANGA TULSI, leaf extract see: NH4685000 HYPTIS SUAVEOLENS, leaf extract
GANGESOL see: DK8925000
GANGLIOSTAT see: BQ8575000
GANIDAN see: WO8575000
GANJA see: EX6300000
GANLION see: BR8050000
GANOCIDE see: NY2800000
GANOZAN see: OV9800000
GANPHEN see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
GANTANOL see: WP0700000
GANTAPRIN see: UV8240000
GANTHERA EXTRACT (Indian) see: QQ3365000
GANTRIM see: UV8240000
GANTRISIN see: WO9100000
GANTRISINE see: WO9100000
GANTRISONA see: WO9100000
GANTROSAN see: WO9100000
GANTU BARANGI, extract (Indian) see: GF1802500 CLERODENDRUM SERRATUM (Linn.) Moon., extractexcluding roots
GANU see: YS4981000
G.A.P.S. see: LW5920000
GARAMYCIN see: LY2450000
GARAMYCIN see: LY2625000
GARAN STEM BARK EXTRACT (Indian) see: FK4567000
GARANTOSE see: DE4200000

LX2470000 GARBHANIVARANA AUSHADAM
DEF:An Indian contraceptive agent composed of PIPER LONGUM, EMBELIA RIBES and BORAX (IJMRAQ 64,959,76)
UPDT:8408

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-rat TDLo:25 gm/kg (3D pre)	IJMRAQ 64,959,76
1T14	orl-gpg TDLo:5 gm/kg (3D pre)	IJMRAQ 64,959,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LX2480000 GARCINIA INDICA Choisy, extract excluding roots
DEF:Indian plant belonging to the family GUTTIFERACEAE (IJEBA6 15,208,77)
UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1 gm/kg	IJEBA6 15,208,77

LX2490000 GARCINIA LIVINGSTONII T. Ander., extract excluding roots
DEF:Indian plant belonging to the family GUTTIFERACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:1 gm/kg	IJEBA6 18,594,80

LX2500000 GARCINIA TALBOTII Raizada ex Santap., extract excluding roots
DEF:Indian plant belonging to the family GUTTIFERAE (IJEBA6 9,91,71)
UPDT:8302
SYN: PANSAR EXTRACT

TOXICITY DATA AND REFERENCES:

1H30	ipr-mus LD50:250 mg/kg	IJEBA6 9,91,71

GARDCIDE see: TB9100000
GARDENAL see: CQ6825000
GARDENAL SODIUM see: CQ7000000
GARDEN BURNET see: VP5251000

LX2810000 GARDENIA CARINATA, leaf extract
UPDT:8307

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	CPBTAL 13,882,65

LX2820000 GARDENIA GUMMIFERA Linn. f., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: KURDU EXTRACT

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:1000 mg/kg	IJEBA6 11,43,73

LX2850000 GARDENIA LUCIDA Roxb., extract
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: BHURRU EXTRACT

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	IJEBA6 9,91,71

GARDENTOX see: TF3325000
GARDEPANYL see: CQ6825000
GARDONA see: TB9100000
GARDOPRIM see: XY4550000
GARI see: FI4007000
GARLON 4 see: AJ8970000
GARLON 3A see: AJ8974000
GARLON 4E see: AJ8970000
GARMIAN see: DN9205000
GARNITAN see: YS9100000
GARRATHION see: TD5250000
GARVOX see: FC1140000
GAS-EX-B see: SY7525000
GAS from MAGNESIUM OXIDE-CURED CHLOROPRENE RUBBER see: OM3860000

LX3300000 GASOLINE
UPDT:8401 CAS: 8006-61-9
SYN: CASING HEAD GASOLINE (DOT) * NATURAL GASOLINE (DOT) * PETROL * UN 1203 (DOT) * UN 1257 (DOT)

IRRITATION DATA AND REFERENCES:

	eye-mon 500 ppm/1H MOD	AEHLAU 1,548,60
	eye-hmn 140 ppm/8H MLD	JIHTAB 25,225,43

TOXICITY DATA AND REFERENCES:

3D25F08J21	ihl-man TCLo:900 ppm/1H	JIHTAB 25,225,43
	ihl-mam LCLo:30000 ppm/5M	AEPPAE 138,65,28

REVIEW AND REFERENCES:
★ TLV-TWA 300 ppm; STEL 500 ppm — DTLVS° 4,203,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1281-0422
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GASOLINE ENGINE EXHAUST CONDENSATE see: LX3350000

LX3350000 GASOLINE ENGINE EXHAUST 'TAR'
UPDT:8402
SYN: AUTOMOBILE EXHAUST CONDENSATE * GASOLINE ENGINE EXHAUST CONDENSATE

TUMORIGENIC DATA AND REFERENCES:

2V01R60	skn-mus TDLo:110 gm/kg/69W-I	CANCAR 15,103,62
2V02J60	itr-ham TDLo:469 mg/kg/60W-I	CANCAR 40,203,77
2V02J60	itr-ham TD :860 mg/kg/60W-I	CANCAR 40,203,77
2V03J60	itr-ham TD :420 mg/kg/78W-I	JCROD7 105,24,83
2V03J60	itr-ham TD :643 mg/kg/78W-I	JCROD7 105,24,83

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACRSAJ 7,475,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GAS from PEROXIDE-CURED ETHYLENE PROPYLENE RUBBER see: SD8250000
GAS from SULFUR-CURED ETHYLENE PROPYLENE RUBBER see: WS4460000
GASTOMAX see: TL2380000
GASTRACID see: US7700000
GASTRIDENE see: SA3680000
GASTRINIDE see: TI4375000
GASTRIPON see: CK2990000
GASTRODYN see: UY4337630
GASTROGRAFIN see: LZ4315000
GASTROMET see: MF0035500
GASTRON see: BP7632500
GASTROPIDIL see: TN5950000
GASTROPIN see: CK2990000
GASTROSEDAN see: BP7632500
GASTROTEST see: US7700000
GASTROZEPIN see: UU7883000
GASTROZEPIN HYDRATE see: UU7883500
GATINON see: YR8985000
GATNON see: YR8985000

LX4300000 GAULTHERIA NUMMULAROIDES D. Don, extract
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 12,512,74)
UPDT:8302

TOXICITY DATA AND REFERENCES:

2H30J30	ipr-mus LD50:188 mg/kg	IJEBA6 12,512,74

GAULTHERIA OIL see: VO4725000
GAULTHERIA OIL, ARTIFICIAL see: VO4725000

LX4560000 GAULTHERIA TRICHOPHYLLA Royle, extract
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	IJEBA6 18,594,80

GAZARIN see: CU8460000
GAZAR ROOT EXTRACT (Indian) see: HB8780000
GB see: TA8400000
GB 94 see: HP8780000
GBH see: DH6125000
GBL see: MJ5600000
GBS see: VZ1860000
GC 30 see: CV4202800
GC 41 see: BR9808400
GC 42 see: BR6811000
GC 43 see: BS4319500
GC 44 see: BQ6906000
GC 45 see: BO2432000
GC 46 see: BR9808300
GC 47 see: BR6810000
GC 48 see: BS4319000
GC 49 see: BQ6905000
GC 50 see: BO2430000
GC 61 see: BS3853000
GC 62 see: BR6517000
GC 63 see: BS5338000
GC 64 see: BT5210000
GC 73 see: ES4339510
GC 75 see: ES4339500
GC 77 see: UE3571400
GC 78 see: ES4309320
GC 79 see: ES4309300
GC 80 see: ES4309310
GC-928 see: DB5600000
GC-1106 see: UC2100000
GC 1189 see: PC8575000
GC 1283 see: PC8225000
GC-2466 see: LU5160000
GC-2603 see: AJ8225000
GC-2996 see: AJ8050000
GC 3707 see: LZ9450000
GC 4072 see: TB8750000
GC-4216 see: TC0650000
GC 6506 see: TC5075000
GC 6936 see: WH6650000
GC 8993 see: WH6860000
GC-9160 see: PC8400000
GC 9879 see: TD7975000
GC 10101 see: TF2000000
GC 10284 see: TD7900000
GC 3944-3-4 see: DA6650000
G 1549 COPPER COMPLEX see: UV1147300
GCP 5126 see: OO3737000
G-CURE see: AT4680000
GD see: TA8750000
G-444E see: DK6825000
GEA 6414 see: CB2687500
GEABOL see: BV8000000
GEARPHOS see: TF4550000

BEST COPY AVAILABLE

GEARPHOS see: TG0175000
GEBUTOX see: SJ9800000
GECHLOREERDEDIFENYL (Dutch) see: TQ1356000
GEDEX see: WL6475000
GEDUNIN see: WH1318000
GEFARNATE see: XB8890000
GEFARNIL see: XB8890000
GEFARNYL see: XB8890000

LX6500000 GEGEA LUTEA Schult. f., extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBAo 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

GEIGY 338 see: DD2275000
GEIGY 12968 see: TE0875000
GEIGY 13005 see: TE2100000
GEIGY 19258 see: FA1500000
GEIGY 22870 see: EZ9084000
GEIGY 24480 see: TF3325000
GEIGY 27,692 see: XY5250000
GEIGY 28029 see: TD5775000
GEIGY 30,027 see: XY5600000
GEIGY 30,028 see: XY5300000
GEIGY 30,044 see: XY3850000
GEIGY 30494 see: TD6125000
GEIGY 32,293 see: XY8750000
GEIGY 32883 see: HN8225000
GEIGY-BLAU 536 see: QJ64-7000
GEIGY BLUE 536, MED see: QJ6440000
GEIGY-444E see: DK6825000
GEIGY G-22008 see: FA2450000
GEIGY G-23611 see: FA2100000
GEIGY G-24027 see: TF3675000
GEIGY G-27365 see: TD5950000
GEIGY G-28029 see: TD5775000
GEIGY G-29288 see: TD5425000
GEIGY G-30494 see: TD6125000
GEIGY G-32465 see: XZ5350000
GEIGY G-35157 see: TD6330000
GEIGY G-35159 see: TD6100000
GEIGY G-35161 see: TD5410000
GEIGY G-35163 see: TD5400000
GEIGY GS-12968 see: TE0875000
GEIGY GS-13005 see: TE2100000
GEIGY GS-13332 see: EZ9084000
GEIGY G.S. 14254 see: XY4980000
GEIGY GS-19851 see: DD2100000
GEIGY RODENTICIDE EXP. 332 see: GN4830000
GEISSOSPERMINE see: GN1040000

LX8450100 GEISSOSPERMUM SERICEUM Benth. and Hook
DEF:A South American plant belonging to the family APOCYNACEAE (APFRAD 12,547,54)
UPDT:8402
SYN: ACARI-RANA * MARIA CONGO * QUACHILITY * QUINA-RANA
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:680 mg/kg APFRAD 12,547,54

GELACILLIN see: XH9400000
GELATIN see: LX8580000
GELATINE see: LX8580000
GELATINE DYNAMITE see: JV9660000
GELATIN-EPINEPHRINE see: DO3150000
GELATIN FOAM see: LX8580000

LX8580000 GELATINS
UPDT:8402 CAS: 9000-70-8
SYN: ABSORBABLE GELATIN SPONGE * GELATIN * GELATINE * GELATIN FOAM * GELFOAM * GT * PHARMAGEL A * PHARMAGEL AdB * PHARMAGEL B * PURAGEL * SPONGIOFORT * VEE GEE GELATIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T53T81 ipr-mus TDLo:700 mg/kg (7-13D preg) OYYAA2 8,981,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GELBER PHOSPHOR (German) see: TH3500000
GELBIN see: GB2750000
GELBIN YELLOW ULTRAMARINE see: GB2800000
GELCARIN see: FI0700000
GELCARIN HMR see: FI0700000

LX8800000 GELCOLOR 2N
DEF:Commercial hairdye product from Perugia, Italy (FCTOD7 20,171,82)
UPDT:8308
MUTATION DATA AND REFERENCES:
mma-sat 2500 ug/plate FCTOD7 20,171,82

G-ELEVEN see: SM0700000
GELFOAM see: LX8580000
GEL II see: WB0350000
GELIOMYCIN see: DJ6350000
GELOCATIL see: AE4200000
GELONIDA see: AM4375000

LX8990000 GELONIUM MULTIFLORUM A. Juss., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:100 mg/kg IJEBA6 7,250,69

GELOSE see: AW7950000
GELOSEDINE see: FA4442000
GELOVERMIN see: VH1575000
GELOZONE see: FI0700000
GELSEMIN see: LX9100000

LX9100000 GELSEMINE
UPDT:8403 CAS: 509-15-9 MW: 322.44 MOLFM: C20-H22-N2-O2
SYN: GELSEMIN
TOXICITY DATA AND REFERENCES:
unk-rat LDLo:60 ug/kg DUSA** 24,497,47
ipr-mus LD50:49 mg/kg ARZNAD 7,349,57
* scu-rbt LDLo:100 ug/kg MEIEDD 10,625,83

LX9255000 GELSENIUM ELEGANS, stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:25 mg/kg CPBTAL 13,882,65

GELSTAPH see: XH8920000
GELTABS see: KE1050000
GELUTION see: WB0350000
GELVA see: AK0920000
GELVA 25 see: AK0920000
GELVA CSV 16 see: AK0920000
GELVA GP 702 see: AK0920000
GELVA S 55H see: AK0920000
GELVATOL see: TR8100000
GELVATOL 1-30 see: TR8100000
GELVATOL 1-90 see: TR8100000
GELVATOL 3-91 see: TR8100000
GELVATOL 20-30 see: TR8100000
GELVATOL 2090 see: TR8100000
GELVA TS 22 see: AK0920000
GELVA TS 23 see: AK0920000
GELVA TS 30 see: AK0920000
GELVA TS 85 see: AK0920000
GELVA V 15 see: AK0920000
GELVA V 25 see: AK0920000
GELVA V 100 see: AK0920000
GELVA V 800 see: AK0920000
GEMALGENE see: KX4550000
GEMFIBROZIL see: YV7120000
GENABOL see: JF7972000
GENACORT see: GM8925000
GENACRON YELLOW G see: AC3662000
GENAPOL LRO LIQUID see: WB7350000
GENAPOL LRO PASTE see: WB7350000
GENAZO RED KB SOLN see: XU5075000
GENDRIV 162 see: MG0185000
GENEP EPTC see: FA4550000
GENERAL CHEMICAL 9160 see: PC8400000
GENERAL CHEMICALS 1189 see: PC8575000
GENERAL CHEMICALS 3561 see: SZ7655000
GENERAL CHEMICALS 3582 see: TB9660000
GENERAL CHEMICALS 3583 see: TB8600000
GENERAL CHEMICALS 3707 see: LZ9450000
GENERAL CHEMICALS 8993 see: WH6860000
GENERAL CHEMICALS 9160 see: PC8400000
GENERAL CHEMICALS 9879 see: TD7975000
GENERAL CHEMICALS 10101 see: TF2000000
GENERAL CHEMICALS 10284 see: TD7900000

LY0218000 GENET ABSOLUTE
UPDT:8305 CAS: 8023-80-1
SYN: BROOM ABSOLUTE * SPANISH BROOM
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,779,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GENETRON 11 see: PB6125000
GENETRON 12 see: PA8200000
GENETRON 13 see: PA6410000
GENETRON 21 see: PA8400000
GENETRON 22 see: PA6390000
GENETRON-23 see: PB6900000
GENETRON 100 see: KI1410000
GENETRON 101 see: KH7650000
GENETRON 112 see: KI1420000
GENETRON 113 see: KJ3975000
GENETRON 114 see: KI1101000
GENETRON 115 see: KH7877500
GENETRON 218 see: TZ5255000
GENETRON 316 see: KI1101000
GENETRON 1113 see: KV0525000
GENETRON 152a see: KI1410000
GENETRON 142b see: KH7650000
GENETRON 1112A see: KV9470000
GENETRONE 1112A see: KV9470000
GENIPHENE see: XW5250000
GENIPIN see: GY5828000
GENISIS see: GL1224000
GENISTEIN see: NR2392000
GENISTEOL see: NR2392000
GENISTERIN see: NR2392000
GENITE see: SK9100000
GENITE 883 see: DB5250000
GENITE 923 see: SK9100000
GENITE EM-923 see: SK9100000
GENITE-R99 see: SK9100000
GENITHION see: TF4550000
GENITOL see: SK9100000
GENITOL 923 see: SK9100000
GENITOX see: KJ3325000
GENITRON AC see: LQ1040000
GENITRON AC 2 see: LQ1040000
GENITRON AC 4 see: LQ1040000
GENO-CRISTAUX GREMY see: XA3030000
GENOGRIS see: UX9660500
GENOPHYLLIN see: XH5600000
GENOPTIC see: LY2625000
GENOPTIC S.O.P. see: LY2625000
GENOTHERM see: KV0350000
GENOTHERM N see: KV0350000
GENOXAL see: RP5950000
GENOZYM see: YE0875000
GENSALATE SODIUM see: LY3860000
GENTALPIN see: LY3860000

LY2450000 GENTAMICIN
UPDT:8412 CAS: 1403-66-3
SYN: GARAMYCIN * GENTAMYCIN * GENTAMYCIN-CREME (German) * UROMYCINE
MUTATION DATA AND REFERENCES:
mmo-esc 250 ug/L MUREAV 140,13,84
dnd-esc 2 mg/L MUREAV 89,95,81
dnd-rat-ipr 70 mg/kg/7D AMACCQ 24,586,83
cyt-mus:lym 500 mg/L EXPEAM 31,341,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 unk-rat TDLo:90 mg/kg (9-14D preg) ANTBAL 27,926,82
TOXICITY DATA AND REFERENCES:
3D43F08F17 ivn-wmn TDLo:8200 ug/kg/12D APMIBM 81(Suppl 241),73,73

BEST COPY AVAILABLE

1M30 ivn-hmn TDLo:2 mg/kg NEJMAG 303,1002,80
1C03 ivn-hmn TDLo:23 mg/kg/1Y-I AIMDAP 138,1621,78
orl-rat LD50:6600 mg/kg AMPMAR 39,259,78
* ipr-rat LD50:735 mg/kg JIMRBV 2,100,74
* scu-rat LD50:710 mg/kg JIMRBV 2,100,74
* ivn-rat LD50:70 mg/kg JIMRBV 2,100,74
* ims-rat LD50:463 mg/kg JJANAX 35,461,82
3F05F12F19 orl-mus LD50:10 gm/kg JJANAX 30,386,77
* ipr-mus LD50:235 mg/kg JIMRBV 2,100,74
scu-mus LD50:274 mg/kg TXAPA9 25,398,73
3F05F12F19 ivn-mus LD50:51 mg/kg JJANAX 30,386,77
3F17F19J26 ims-mus LD50:167 mg/kg JJANAX 35,461,82
ipr-dog LD50:710 mg/kg ARZNAD 16,11,66
ivn-dog LD50:184 mg/kg ARZNAD 16,11,66
ims-dog LD50:750 mg/kg ARZNAD 16,11,66
scu-mky LDLo:25 mg/kg JIDIAQ 137,476,78
ipr-cat LD50:304 mg/kg ARZNAD 16,11,66
ivn-cat LD50:88 mg/kg ARZNAD 16,11,66
ims-cat LD50:430 mg/kg ARZNAD 16,11,66
ipr-rbt LD50:1350 mg/kg ARZNAD 16,11,66
scu-rbt LD50:1230 mg/kg ARZNAD 16,11,66
ivn-rbt LD50:81 mg/kg ARZNAD 16,11,66
ims-rbt LD50:780 mg/kg ARZNAD 16,11,66
ipr-gpg LD50:530 mg/kg ARZNAD 16,11,66
scu-gpg LD50:740 mg/kg ARZNAD 16,11,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BJHMAB 12(6),837,74; CLANA4 10(pt.1),283,73; INTEAG 15(1),7,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GENTAMICIN C2b see: WK2180000

LY2625000 GENTAMICIN, SULFATE
UPDT:8308 CAS: 1405-41-0
SYN: GARAMYCIN * GENOPTIC * GENOPTIC S.O.P. * GENTAMYCIN SULFATE * GM SULFATE * NSC 82261 * SCH 9724

MUTATION DATA AND REFERENCES:
dnd-esc 5 mg/L MUREAV 89,95,81
spm-rat-unk 9600 ug/kg/8D JOURAA 112,348,74

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:630 mg/kg JJANAX 26,221,73
ivn-rat LD50:108 mg/kg JJANAX 26,221,73
ims-rat LD50:384 mg/kg TXAPA9 18,185,71
* ipr-mus LD50:430 mg/kg JANTAJ 31,688,78
* scu-mus LD50:444 mg/kg NIIRDN 6,268,82
ivn-mus LD50:50 mg/kg ANTBAL 24,60,79
1F12 ims-mus LD50:283 mg/kg AIMDAP 119,493,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PMMDAE 16(1-2),9,74

GENTAMYCIN see: LY2450000
GENTAMYCIN-CREME (Germca) see: LY2450000
GENTAMYCIN SULFATE see: LY2625000
GENTASOL see: LY3860000
GENTERSAL see: BO9000000
GENTIANIC ACID see: ZD6034600
GENTIANIN see: ZD6034600
GENTIAN VIOLET see: BO9000000

LY3155000 GENTIAN VIOLET B
UPDT:8406 MW: 394.00 MOLFM: C24-H27-N3 Cl-H

MUTATION DATA AND REFERENCES:
mma-sat 16 ug/plate TRENAF 27,153,76
mma-sat 16 ug/plate TRENAF 27,153,76
dnr-bcs 2 mg/disc TRENAF 27,153,76

GENTIAVERM see: BO9000000
GENTICID see: BO9000000
GENTIDOL see: LY3860000
GENTINATRE see: LY3860000
GENTIOLETTEN see: BO9000000
GENTAMICIN C(sub 2b) see: WK2180000
GENTISAN see: LY3860000
GENTISATE see: LY3850000
GENTISATE SODIUM see: LY3860000

LY3850000 GENTISIC ACID
UPDT:8405 CAS: 490-79-9 MW: 154.13 MOLFM: C7-H6-O4
SYN: BENZOIC ACID, 2,5-DIHYDROXY- * 2,5-DHBA * 2,5-DIHYDROXYBENZOIC ACID * GENTISATE * HYDROQUINONE-CARBOXYLIC ACID * 5-HYDROXYSALICYLIC ACID * SALICYLIC ACID, 5-HYDROXY-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:380 mg/kg (9D preg) BCPCA6 22,407,73
2T25T46 scu-rat TDLo:642 mg/kg (11D preg) RCOCB8 38,209,82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:800 mg/kg 14CYAT 2,1838,63
* ipr-rat LD50:3000 mg/kg BCFAAI 112,53,73
1F12 ivn-mus LD50:374 mg/kg JAPMA8 42,254,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LY3852700 GENTISIC ACID, 2-BUTYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 289.79 MOLFM: C13-H19-N-O4 Cl-H
SYN: 2-n-BUTYLAMINOETHYL GENTISATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:193 mg/kg JAPMA8 43,334,54

LY3853600 GENTISIC ACID, 2-DIETHYLAMINOETHYL ESTER, 5-ACETATE, HYDROCHLORIDE
UPDT:8405 MW: 331.83 MOLFM: C15-H21-N-O5 Cl-H
SYN: 2-DIETHYLAMINOETHYL-5-ACETYL GENTISATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:51500 ug/kg JAPMA8 42,254,53

LY3853700 GENTISIC ACID, 2-DIETHYLAMINOETHYL ESTER, 5-BENZOATE, HYDROCHLORIDE
UPDT:8405 MW: 393.90 MOLFM: C20-H23-N-O5 Cl-H
SYN: 2-DIETHYLAMINOETHYL 5-BENZOYL GENTISATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:41700 ug/kg JAPMA8 42,254,53

LY3853900 GENTISIC ACID, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 289.79 MOLFM: C13-H19-N-O4 Cl-H
SYN: 2-DIETHYLAMINOETHYL GENTISATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:51200 ug/kg JAPMA8 42,254,53

LY3854200 GENTISIC ACID, 3-DIETHYLAMINOPROPYL ESTER, 5-ACETATE, HYDROCHLORIDE
UPDT:8405 MW: 345.86 MOLFM: C16-H23-N-O5 Cl-H
SYN: 3-DIETHYLAMINOPROPYL-5-ACETYL GENTISATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:44500 ug/kg JAPMA8 42,254,53

LY3854300 GENTISIC ACID, 3-DIETHYLAMINOPROPYL ESTER, 5-BENZOATE, HYDROCHLORIDE
UPDT:8405 MW: 407.93 MOLFM: C21-H25-N-O5 Cl-H
SYN: 3-DIETHYLAMINOPROPYL-5-BENZOYL GENTISATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:30300 ug/kg JAPMA8 42,254,53

LY3854500 GENTISIC ACID, 3-DIETHYLAMINOPROPYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 303.82 MOLFM: C14-H21-N-O4 Cl-H
SYN: 3-DIETHYLAMINOPROPYL GENTISATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:58500 ug/kg JAPMA8 42,254,53

LY3855000 GENTISIC ACID, 2-DIMETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 261.73 MOLFM: C11-H15-N-O4 Cl-H
SYN: 2-DIMETHYLAMINOETHYL GENTISATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:305 mg/kg JAPMA8 43,334,54

LY3855500 GENTISIC ACID, 5-DIPHENYLACETATE, SODIUM SALT
UPDT:8405 MW: 370.35 MOLFM: C21-H15-O5 Na
SYN: 5-DIPHENYLACETYL GENTISIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:553 mg/kg JAPMA8 43,334,54

LY3856000 GENTISIC ACID, 5-ESTER with SALICYLIC ACID ACETATE
UPDT:8405 MW: 316.28 MOLFM: C16-H12-O7
SYN: 5-ACETYLSALICYL GENTISIC ACID

TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:32400 ug/kg JAPMA8 42,254,53

LY3856300 GENTISIC ACID, 5-(2-ETHYLBUTYRATE), SODIUM SALT
UPDT:8405 MW: 274.27 MOLFM: C13-H15-O5 Na
SYN: 5-DIETHYLACETYL GENTISIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:707 mg/kg JAPMA8 43,334,54

LY3859000 GENTISIC ACID, 5-(METHOXYBENZOATE) ESTER
UPDT:8405 MW: 288.27 MOLFM: C15-H12-O6
SYN: 5-ANISYL GENTISIC ACID

TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:45 mg/kg JAPMA8 42,254,53

LY3859600 GENTISIC ACID, (1-METHYL-3-PIPERIDYL)METHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 301.80 MOLFM: C14-H19-N-O4 Cl-H
SYN: 3-(1-METHYLPIPERIDYL)-METHYL GENTISATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:285 mg/kg JAPMA8 43,334,54

LY3860000 GENTISIC ACID, MONOSODIUM SALT
UPDT:8405 CAS: 4955-90-2 MW: 177.12 MOLFM: C7-H5-O4 Na
SYN: BENZOIC ACID, 2,5-DIHYDROXY-, MONOSODIUM SALT (9CI) * CASATE * CASATE SODIUM * GABAIL * GENSALATE SODIUM * GENTALPIN * GENTASOL * GENTIDOL * GENTINATRE * GENTISAN * GENTISATE SODIUM * GENTISOD * 5-HYDROXYSALICYLATE SODIUM * LEGENTIAL * NAGENT * NAGENTIS * SODIUM 2,5-DIHYDROXYBENZOATE * SODIUM-GENT * SODIUM GENTISATE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3735 mg/kg JAPMA8 43,334,54
scu-mus LD50:3900 mg/kg CRSBAW 146,446,52

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LY3860500 GENTISIC ACID, 5-p-NITROBENZOATE
UPDT:8405 MW: 303.24 MOLFM: C14-H9-N-O7
SYN: 5-p-NITROBENZOYL GENTISIC ACID

TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:83500 ug/kg JAPMA8 42,254,53

LY3861000 GENTISIC ACID, 5-PHENYLACETATE
UPDT:8405 MW: 272.27 MOLFM: C15-H12-O5
SYN: 5-PHENYLACETYL GENTISIC ACID

TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:201 mg/kg JAPMA8 42,254,53

GENTISIN see: ZD6034600
GENTISINE see: ZD6034600
GENTISOD see: LY3860000
GENU see: FI0700000
GENUGEL see: FI0700000
GENUGEL CJ see: FI0700000
GENUGOL RLV see: FI0700000
GENUINE ACETATE CHROME ORANGE see: OF9800000
GENUINE ORANGE CHROME see: OF9800000
GENUINE PARIS GREEN see: GL6475000
GENUVISCO J see: FI0700000
GENVIS see: GM5090000
GEOFOS see: NJ6490000
GEON see: KV0350000
GEON see: TQ2690000
GEON 51 see: KV0350000
GEON 59 see: KV0350000
GEON 72 see: KV0350000
GEON 101 see: KV0350000
GEON 103 see: KV0350000
GEON 121 see: KV0350000
GEON 124 see: KV0350000
GEON 126 see: KV0350000
GEON 128 see: KV0350000
GEON 131 see: KV0350000
GEON 135 see: AK0950000
GEON 151 see: KV0350000
GEON 222 see: KV9750000
GEON 351 see: AK0950000
GEON 421 see: AK0950000
GEON 427 see: AK0950000
GEON 434 see: AK0950000
GEON 652 see: KV9750000
GEON 85542 see: KV0350000
GEON 101EP see: KV0350000
GEON 102EP see: KV0350000
GEON 103EP see: KV0350000
GEON 103EPB see: KV0350000
GEON 103EPF7 see: KV0350000
GEON 103EP-J see: AK0950000
GEON 135J see: KV0350000
GEON 121L see: KV0350000
GEON 440L2 see: AK0950000
GEON LATEX 151 see: KV0350000
GEON 1032X see: AK0950000

BEST COPY AVAILABLE

GEON 130X10 see: AK0950000
GEON 400X47 see: AK0950000
GEON 100X150 see: AK0950000
GEON 110X233 see: KV0350000
GEON 120X241 see: KV0350000
GEON 150XML see: AK0950000
GEON 450X150PN see: AK0950000
GEON 103 ZX see: AK0950000
GEOPEN see: ON9105000
GERANALDEHYDE see: RG5075100
GERANIAL see: RG5075100
GERANIC ACID see: RG5380000
GERANINE 2GS see: QJ6030000
GERANIOL see: RG5830000
GERANIOL ACETATE see: RG5920000
GERANIOL ALCOHOL see: RG5830000
GERANIOL CROTONATE see: RG5925500
GERANIOL EXTRA see: RG5830000
GERANIOL FORMATE see: RG5925700
GERANIOL, PERHYDRO- see: RH0900000
GERANIOL TETRAHYDRIDE see: RH0900000
GERANIOL, TETRAHYDRO- see: RH0900000
GERANIUM CRYSTALS see: KN8970000
GERANIUM LAKE N see: BP3675000

LY4052000 GERANIUM NEPALENSE Sweet, extract
DEF:Indian plant belonging to the family GERANIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77
GERANIUM OIL see: LY4055000

LY4055000 GERANIUM OIL ALGERIAN
UPDT:8305 CAS: 8000-46-2
SYN: GERANIUM OIL * OIL of GERANIUM * OIL of PELARGONIUM * OIL of ROSE GERANIUM * OIL ROSE GERANIUM ALGERIAN * PELARGONIUM OIL * ROSE GERANIUM OIL ALGERIAN
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,781,76
skn-gpg 100% MLD FCTXAV 14,781,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LY4060000 GERANIUM OIL BOURBON
DEF:Chief constituents are GERANIOL, CITRONELLOL (FCTXAV 12,807,74)
UPDT:8305
SYN: OIL GERANIUM REUNION * OIL ROSE GERANIUM
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,883,74
TOXICITY DATA AND REFERENCES:
* skn-rbt LD50:2500 mg/kg FCTXAV 12,883,74

LY4061000 GERANIUM OIL MOROCCAN
DEF:Found in the leaves and stems of Pelargonium roseum (FCTXAV 13,449,75)
UPDT:8305
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 13,451,75
skn-gpg 100% MLD FCTXAV 13,451,75

LY4065000 GERANIUM WALLICHIANUM D. Don ex Sweet, extract
DEF:Indian plant belonging to the family GERANIACEAE (IJEBA6 11,43,73)
UPDT:8412
SYN: LALJAHRI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:350 mg/kg IJEBA6 16,228,78
1U26 ipr-mus LD50:500 mg/kg IJEBA6 11,43,77

GERANONITRILE see: RG5370000
GERANOXY ACETALDEHYDE see: AB2825800
GERANYL ACETATE see: RG5920000
GERANYL ACETOACETATE see: AK5225000
GERANYL ACETONE see: YQ1190000
GERANYL ALCOHOL see: RG5830000
GERANYL-2-BUTENOATE see: RG5925500
GERANYL CAPROATE see: RG5926000
GERANYL CROTONATE see: RG5925500
GERANYL ETHYL ETHER see: RG5362000
GERANYL FARNESYLACETATE see: XB8890000
GERANYL FORMATE see: RG5925700
GERANYL HEXANOATE see: RG5926000
GERANYL ISOBUTYRATE see: UF5610000
GERANYL ISOVALERATE see: RG5927700
GERANYL NITRILE see: RG5370000
GERANYL OXYACETALDEHYDE see: AB2825800
GERANYL TIGLATE see: RG5927900
GERASTOP see: UE9480000
GERFIL see: UD1842000
GERHARDITE see: GL7875000
GERISON see: WO8400000

LY4250000 GERMACRA-1(10),4,11(13)-TRIENE-12,14-DIOIC ACID, 2-beta,6-alpha,8-alpha-TRIHYDROXY-, 12,6:14,2-DILACTONE, METHACRYLATE, (E)-
UPDT:8406 CAS: 29307-03-7 MW: 344.39 MOLFM: C19-H20-O6
SYN: DEOXYELEPHANTOPIN
MUTATION DATA AND REFERENCES:
dni-mus:ast 2143 umol/l JPMSAE 67,1235,78

LY4300000 GERMACRA-1(10),4,11(13)-TRIEN-12-OIC ACID, 6-alpha,8-alpha,15-TRIHYDROXY-, 12,6-LACTONE, 8-(3,4-DIHYDROXY-2-METHYLENEBUTYRATE)
UPDT:8308 CAS: 24394-09-0 MW: 282.46 MOLFM: C20-H26-O
SYN: CNICIN * CNICINE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:25 mg/kg PLMEAA 29,179,76

LY4305000 GERMACRA-1(10),4,11(13)-TRIEN-12-OIC ACID, 6-alpha,8-alpha,15-TRIHYDROXY-, 12,6-LACTONE, 8-(2-METHYLHYDRACRYLATE)-, (+)-
UPDT:8308 CAS: 19889-01-1 MW: 364.48 MOLFM: C20-H28-O6
SYN: ARCTIOPICRIN * ARCTIOPIKRIN * NSC-177853
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:90 mg/kg 85GDA2 8(2),122,82

GERMAIN'S see: FC5950000
GERMALGENE see: KX4550000
GERMALL 115 see: YT7365000
GERMA-MEDICA see: SM0700000
GERMAN CHAMOMILE OIL see: FL7180000

LY4900000 GERMANE
UPDT:8308 CAS: 7782-65-2 MW: 76.63 MOLFM: Ge-H4
SYN: GERMANE (DOT) * GERMANIUM HYDRIDE * GERMANIUM TETRAHYDRIDE * MONOGERMANE *
UN 2192 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 200 ppb; STEL 600 ppb DTLVS* 4,204,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LY5020000 GERMANE, DIBUTYLDICHLORO-
UPDT:8306 CAS: 4593-81-1 MW: 257.75 MOLFM: C8-H18-Cl2-Ge
SYN: DI-n-BUTYLGERMANEDICHLORIDE * DIBUTYLGERMANIUM DICHLORIDE * DICHLORODIBUTYLGERMANE
MUTATION DATA AND REFERENCES:
msc-ham:ovr 100 mg/L TXAPA9 64,482,82
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:100 mg/kg CHDDAT 262,1302,66
ipr-mus LDLo:96 mg/kg CHDDAT 262,1302,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GERMANE (DOT) see: LY4900000
GERMANIA see: LY5240000
GERMANIC ACID see: LY5240000
GERMANIN see: QM7000000

LY5225000 GERMANIUM CHLORIDE
UPDT:8411 CAS: 10038-98-9 MW: 214.39 MOLFM: Cl4-Ge
SYN: EXTREMA * GERMANIUM TETRACHLORIDE * GERMANIUM, TETRACHLORO-
TOXICITY DATA AND REFERENCES:
3D25F07J30 ihl-mus LC50:44 gm/m3/2H GTPZAB 12(5),51,68
* ivn-mus LD50:56 mg/kg CSLNX* NX#02625
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

LY5235000 GERMANIUM, (L-CYSTEINE)TETRAHYDROXY-
UPDT:8302 CAS: 51025-94-6 MW: 261.80 MOLFM: C3-H11-Ge-N-O6-S
SYN: CYSTEINE-GERMANIC ACID * (L-CYSTEINE)TETRAHYDROXYGERMANIUM * DB
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 scu-rat TDLo:70 mg/kg (7-13D preg) YIKUAO 22,107,73
1T46 scu-mus TDLo:42 mg/kg (7-13D preg) YIKUAO 22,107,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LY5240000 GERMANIUM DIOXIDE
UPDT:8411 CAS: 1310-53-8 MW: 104.59 MOLFM: Ge-O2
SYN: GERMANIA * GERMANIC ACID * GERMANIUM OXIDE * GERMANIUM OXIDE (GeO2)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 scu-rat TDLo:5250 mg/kg (35D male) OYYAA2 21,773,81
1T12 scu-rat TDLo:5250 mg/kg (35D pre) OYYAA2 21,773,81
1T86 unk-rat TDLo:133 mg/kg (7-13D preg) OYYAA2 21,797,81
1T46 unk-rat TDLo:266 mg/kg (7-13D preg) OYYAA2 21,797,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3700 mg/kg OYYAA2 21,773,81
[illegible] ipr-rat LD50:750 mg/kg AMIHBC 8,466,53
* scu-rat LD50:1910 mg/kg OYYAA2 21,773,81
* orl-mus LD50:5400 mg/kg OYYAA2 21,773,81
1F17 ipr-mus LD50:1550 mg/kg OYYAA2 16,671,78
* scu-mus LD50:2550 mg/kg OYYAA2 21,773,81
scu-rbt LD50:845 mg/kg EQSSDX 1,1,75
ipr-gpg LDLo:400 mg/kg EQSSDX 1,1,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GERMANIUM HYDRIDE see: LY4900000
GERMANIUM OXIDE see: LY5240000
GERMANIUM OXIDE (GeO2) see: LY5240000
GERMANIUM TETRACHLORIDE see: LY5225000
GERMANIUM, TETRACHLORO- see: LY5225000
GERMANIUM TETRAHYDRIDE see: LY4900000
GERMICICLIN see: QI9270000
GERMICIN see: BO3150000
GERMIN see: FL4725000
GERMINE see: FL4725000
GERMINOL see: BO3150000
GERMINOL see: BO3325000
GERMISAN see: OW2540000
GERMITOL see: BO3150000
GERMITOL see: BO3325000
GERNEBCIN see: WK2100000
GEROBIT see: SH5075000
GERODYL see: TN0420000
GERONTINE see: EJ7175000
GEROT-EPILAN see: MU2275000
GEROT-EPILAN-D see: MU1050000
GEROVIT see: SH5075000
GEROVIT see: SH5425000
GEROVITAL see: DG2100000
GEROX see: WK4375000
GERTLEY BORATE see: VZ2275000
GESADURAL see: XY3850000
GESAFID see: KJ3325000
GESAFLOC see: XY5425000
GESAFRAM see: XY4200000
GESAFRAM 50 see: XY4200000
GESAGARD see: XY4390000
GESAKUR see: DD2450000
GESAMIL see: XY5300000
GESAPAX see: XY9100000
GESAPON see: KJ3325000
GESAPRIM see: XY5600000
GESARAN see: XY5250000
GESAREX see: KJ3325000
GESAROL see: KJ3325000
GESATAMIN see: XY8750000
GESATOP see: XY5250000
GESATOP 50 see: XY5250000
GESFID see: GQ5250000
GESOPRIM see: XY5600000
GESTAGENO GADOR see: TU5060000
GESTANIN see: KG7960000
GESTANOL see: KG7960000
GESTANON see: KG7960000
GESTANYN see: KG7960000
GESTATRON see: TU3671000
GESTEROL 100 see: TW0175000
GESTEROL L.A. see: TU5085000

BEST COPY AVAILABLE

GESTID see: GQ5250000
GESTONE see: TW0175000
GESTORAL see: TU5570250
GESTORMONE see: TW0175000
GESTRIGONE see: JF7964000
GESTRINONE see: JF7964000
GESTYL see: TU4517000
G 1549 ETHANOLAMINE SALT see: UV1147600
GETHI EXTRACT (Indian) see: EC9700000
GETTYSOLVE-B see: MN9275000
GETTYSOLVE-C see: MI7700000

LY8440000 GEUM ELATUM (Royle) Hook. f., extract
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 18,594,80)
UPDT:8412

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rat TDLo:150 mg/kg (12-14D preg) IJEBA6 18,594,80
1T24 orl-ham TDLo:500 mg/kg (1-5D preg) IJEBA6 18,594,80
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 18,594,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LY8450000 GEUM URBANUM Linn., extract
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

GEVEX see: GP8588000
GEWAZOL see: XF8225000
GEWODIN see: AM4375000
GEXANE see: GV4900000
GF see: JH8390000
GF see: AT4790000
G 1549 FERRIC COMPLEX see: UV1147800
GGE see: TY8400000
GGG see: TY8400000
GH see: SM0175000
GH see: TO7385000
GH 20 see: TR8100000
GHA 331 see: BD0940000
GHA 332 see: BD0940000
GHANI EXTRACT (Indian) see: QH5650000
GHANIA EXTRACT (Indian) see: XG0582000
GHATBOR EXTRACT (Indian) see: ZI0466200
GHEWARI ROOT EXTRACT (Indian) see: GZ5570000
GHH-SC2 see: DG3100300
GHINGARU EXTRACT (Indian) see: UP4080000
GHULO-GOGUN EXTRACT (Indian) see: VQ5959000
G-I see: PB9195000
GIACUSIL HYDROCHLORIDE see: TX7150000
GIDARTAMAKU EXTRACT (Indian) see: YX7480000
GIALLO CROMO (Italian) see: GB2975000
GIARDIL see: RQ3675000
GIARLAM see: RQ3675000
GIATRICOL see: NI5600000

LY8990000 GIBBERELLIC ACID
UPDT:8401 CAS: 77-06-5 MW: 346.41 MOLFM: C19-H22-O6
SYN: BERELEX * BRELLIN * CEKUGIB * FLORALTONE * GA * GA3 * GIBBERELLIN * GIBBERELLIN A3 * GIBBERELLIN X * GIBBREL * GIB-SOL * GIB-TABS * GROCEL * NCI-C55822 * PRO-GIBB * 2,4a,7-TRIHYDROXY-1-METHYL-8-METHYLENEGIBB-3-ENE-1,10-CARBOXYLIC ACID 1-4-LACTONE
MUTATION DATA AND REFERENCES:
dnd-sal:spr 1 mmol/L PYTCAS 11,3135,72
dnd-mam:lym 1 mmol/L PYTCAS 11,3135,72
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:142 gm/kg/78W-I NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6300 mg/kg 85ARAE 3,43,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GIBBERELLIN see: LY8990000
GIBBERELLIN A3 see: LY8990000
GIBBERELLIN X see: LY8990000
GIBBREL see: LY8990000
GIB-SOL see: LY8990000
GIB-TABS see: LY8990000
GICHTEX see: UR0785000
GIE see: JI0400000
GIEGY GS-13798 see: FC4900000
GIFBLAAR see: AH8800000
GIFBLAAR POISON see: AH5950000
GIGANTIN see: LV2625000
GIHITAN see: DF1575000
G-II see: SM0700000
G-II see: PB9220000
G-III see: PB9190000
GILEMAL see: YS4725200
GILFANAR see: CB2687000

LY9148000 GILSONITE
UPDT:8412 CAS: 12002-43-6
SYN: NCI-C55185
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984

GILUCARD see: ZG0350000
GILURYTMAL see: AX8050000
GIMID see: MA4725000
GIMSAG EXTRACT (Indian) see: LZ3100000
GINAMATE see: CF1936000
GINANDRIN see: BV8095000
GINARSOL see: CF8400000
GINDARINE HYDROCHLORIDE see: DR9842300
GINDARIN HYDROCHLORIDE see: DR9842300
GINEFLAVIR see: NI5600000
GINESTRENE see: RC8925000

LY9480000 GINGER OIL
UPDT:8305 CAS: 8007-08-7
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,901,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

(6)-GINGEROL see: HE0757000
GINGERONE see: EL8900000
GINGICAIN M see: DG4900000
GINGILLI OIL see: VU3940000
GINK see: NS1750000

LY9535500 GINSENOSIDE No. 3
DEF:A crude saponin fraction of PANAX GINSENG root (JJPAAZ 22,339,72)
UPDT:8408
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:910 mg/kg JJPAAZ 22,339,72

LY9536000 GINSENOSIDE RB1
DEF:SAPONIN RB1 of PANAX GINSENG root (ARZNAD 25,539,75)
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1110 mg/kg ARZNAD 25,539,75
* ivn-mus LD50:243 mg/kg SYHJAM 10,61,79

LY9536100 GINSENOSIDE RB2
UPDT:8406 CAS: 11021-13-9
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:305 mg/kg ARZNAD 25,539,75

LY9536300 GINSENOSIDE RC
UPDT:8406 CAS: 11021-14-0
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:410 mg/kg ARZNAD 25,539,75

LY9536500 GINSENOSIDE RD
DEF:SAPONIN RD of PANAX GINSENG root (ARZNAD 25,539,75)
UPDT:8406
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:324 mg/kg ARZNAD 25,539,75

LY9536700 GINSENOSIDE RE
DEF:SAPONIN RE of PANAX GINSENG root (ARZNAD 25,539,75)
UPDT:8411 CAS: 51542-56-4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:405 mg/kg ARZNAD 25,539,75
* ivn-mus LD50:130 mg/kg SYHJAM 10,61,79

LY9536900 GINSENOSIDE RF
DEF:SAPONIN RF of PANAX GINSENG root (ARZNAD 25,539,75)
UPDT:8406
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1340 mg/kg ARZNAD 25,539,75

LY9537200 GINSENOSIDE RG1
UPDT:8406 CAS: 22427-39-0
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1250 mg/kg ARZNAD 25,539,75

GINSENOSIDE Ro see: FM3375000
GIRACID see: US7875000

LY9600000 GIRARDINIA ZEYLANICA Decne., extract
DEF:Indian plant belonging to the family URTICACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: JIRAM EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg IJEBA6 9,91,71

GIRING EXTRACT (Indian) see: UO3950000
GIRL see: YM2800000
GIRLEE EXTRACT (Indian) see: NL0350000
GIROSTAN see: SZ2975000

LY9990000 GISEKIA PHARNACEOIDES Linn., extract
DEF:Indian plant belonging to the family AIZOACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: BALUSAG EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:70 mg/kg IJEBA6 12,512,74

GITALOXIGENIN see: FH5423000
GITALOXIN see: LZ1130000
GITALOXIN, 16-FORMATE see: LZ1130000
GITOFORMATE see: FH4919500
GITOXIGENIN 3-O-MONODIGITALOSIDE see: FH4901000
GITOXIGENIN TRIDIGITOXOXIDE-16-FORMATE see: LZ1130000

LZ0525000 GITOXIN
UPDT:8306 CAS: 4562-36-1 MW: 781.03 MOLFM: C41-H64-O14
SYN: ANHYDROGITALIN * BIGITALIN * PSEUDODIGITOXIN
TOXICITY DATA AND REFERENCES:
orl-cat LDLo:880 ug/kg 27ZWAY E.1,78,-
ivn-cat LD50:800 ug/kg ARZNAD 6,182,56
ivn-gpg LD50:68 mg/kg ARZNAD 6,182,56
* par-pgn LDLo:1210 ug/kg CPBTAL 11,613,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,183,63

LZ0875000 GITOXIN, 16-ACETATE
UPDT:8309 CAS: 7242-07-1 MW: 823.09 MOLFM: C43-H66-O15
SYN: 16-ACETYLGITOXIN
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:16500 ug/kg AIPTAK 155,165,65
* ipr-mus LD50:6800 ug/kg AIPTAK 155,165,65
orl-cat LD50:120 ug/kg AIPTAK 159,1,66
* ipr-cat LD50:148 ug/kg AIPTAK 155,165,65
* ivn-cat LDLo:110 ug/kg AIPTAK 155,165,65
orl-gpg LD50:2500 ug/kg AIPTAK 159,1,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,187,63

LZ1130000 GITOXIN, 16-FORMATE
UPDT:8306 CAS: 3261-53-8 MW: 809.06 MOLFM: C42-H64-O15
SYN: 16-FORMYL-GITOXIN * GITALOXIN * GITALOXIN, 16-FORMATE * GITOXIGENIN TRIDIGITOXOXIDE-16-FORMATE
TOXICITY DATA AND REFERENCES:
3A11F12G30 orl-mus LD50:2870 ug/kg AIPTAK 153,436,65
3A11F12G30 scu-mus LD50:2830 ug/kg AIPTAK 153,436,65
ivn-cat LDLo:900 ug/kg JMPCAS 5,988,62
3A11F12G30 orl-gpg LDLo:2455 ug/kg AIPTAK 153,436,65
3A11F12G30 ivn-gpg LDLo:902 ug/kg AIPTAK 153,436,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,191,63

LZ1225000 GITOXIN, PENTAACETATE
UPDT:8403 CAS: 7242-06-8 MW: 991.25 MOLFM: C51-H74-O19
SYN: CARNACID-COR * CORDOVAL * PENGITOXIN * PENTAACETYLGITOXIN * PENTA-O-ACETYLGITOXIN * PENTAGIT
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:21 mg/kg AIPTAK 155,165,65
* ipr-mus LD50:6400 ug/kg AIPTAK 155,165,65
orl-cat LD50:200 ug/kg AIPTAK 159,1,66
* ipr-cat LD50:230 ug/kg AIPTAK 155,165,65

BEST COPY AVAILABLE

orl-gpg LD50:1 mg/kg AIPTAK 159,1,66
ivn-gpg LD50:450 ug/kg ARZNAD 6,182,56
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 65ELDJ -,183,63

LZ1750000 GITOXOSIDE
UPDT:8402 MW: 781.05 MOLFM: C41-H64-O14
TOXICITY DATA AND REFERENCES:
ivn-cat LDLo:500 ug/kg AIPTAK 87,425,51
* ivn-pgn LDLo:800 ug/kg APFRAD 9,730,51

LZ1790000 GIVOTIA ROTTLERIFORMIS Griff., stem bark extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: VENDALAI STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:47 mg/kg IJEBA6 12,512,74
GK (OXIDE) see: BD1200000
GL 02 see: TR8100000
GL 03 see: TR8100000
G.L. 102 see: UU4021000
G.L. 103 see: UU7450000
G.L. 104 see: UU6954000
G.L. 105 see: UU6855800
G.L. 106 see: UU5084000
G.L. 202 see: UU4020900
G.L. 203 see: UU7430000
G.L. 204 see: UU6953000
G.L. 205 see: UU6855700
G.L. 206 see: UU5083000
GL 2487 see: PB9520100
GLACIAL ACETIC ACID see: AF1225000

LZ1835000 GLADIOLUS GANDAVENSIA Van Houtte, flower extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76
GLAFENIN see: CB2687000
GLAFENINE see: CB2687000
GLANDUBOLIN see: KG8575000
GLANDUCORPIN see: TW0175000
GLANDULAE ROTTLERAE, extract see: ON8262200
GLAPHENIN see: CB2687000
GLAPHENINE see: CB2687000
GLARUBIN see: ET4730500
GLASS see: LK3651000
GLASS FIBERS see: LK3651000
GLAUBER'S SALT see: WS8402000
GLAUCARUBIN see: FT4730500
GLAUCARUBOL-15-ISOVALERATE see: KD0260000
GLAUCINE HYDROCHLORIDE see: CE0930000
D-GLAUCINE PHOSPHATE (2:3) see: HQ1777500
dl-GLAUCINE PHOSPHATE see: CE0936000
dl-GLAUCINPHOSPHAT (German) see: CE0936000
GLAUCOSAN see: DO2625000
GLAUMEBA see: ET4730500
GLAUPAX see: AC8225000
GLAURAMINE see: BY3500000
GLAXO see: AH4084000
GLAXORIDIN see: UU3675000
GLAZD PENTA see: SM6300000
GLEAN see: YS6640000

LZ2836300 GLEDITSCHIA HORRIDA Makino, crude extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
GLEEM see: WB0350000

LZ2838700 GLEICHENIA LINEARIS Bedd., extract
DEF:Indian plant belonging to the family GLEICHENIACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: DICRANOPTERIS LINEARIS Underw., extract * THARO-UNUI EXTRACT
TOXICITY DATA AND REFERENCES:
3D35H30V30 ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69
GLENBAR see: XN7525000
GLIANIMON see: DE1925000
GLIANIMON see: DE1900000
GLIBENCLAMIDE see: YS4725200
GLIBUTIDE see: DU1135000
GLICAFAN see: CB2687000
GLICOL MONOCLORIDRINA (Italian) see: KK0875000
GLICOSIL see: YS7800000
GLIFAN see: CB2687000
GLIFANAN see: CB2687000
GLIFTOR see: UA9020000 2-PROPANOL, 1-CHLORO-3-FLUORO-, mixt. with 1,3-DIFLUORO-2-PROPANOL
GLIKOCEL TA see: FJ5950000
GLIMID see: MA4725000

LZ3060000 GLINUS LOTOIDES Linn., extract
DEF:Indian plant belonging to the family AIZOACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

LZ3100000 GLINUS OPPOSITIFOLIUS (Linn.) A. DC., extract
DEF:Indian plant belonging to the family AIZOACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: GIMSAG EXTRACT
TOXICITY DATA AND REFERENCES:
2J30M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74
GLIPORAL see: DU1135000
GLIQUIDONE SODIUM see: DB1584500
GLIRICIDIAL SEPIUM see: VE7600000

LZ3275500 GLIRICIDIA SEPIUM (Jacq.) Walp., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
3M10U26Y55 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77
GLISEMA see: YS6650000
GLISOLAMIDE see: YS7609600
GLISOXEPID see: NY2350000
GLISOXEPIDE see: NY2350000
Z-(GLN(sup 1)-DES-HIS(sup 2)-D-MET(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE HCl H2-O (1:1:2) see: OK6493000
Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PRO(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE ACETATE HYDRATE see: OK6494000
Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PSE(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE ACETATE see: OK6494800
Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PSE(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE ACETATE 4H2-O see: OK6495000
Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PSE(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE HYDROCHLORIDE see: OK6495800
Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PSE(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE HCl H2-O see: OK6496000
Z-(GLN(NH-BZL)(sup 1)-DES-HIS(sup 2))-LHRH HYDROCHLORIDE HYDRATE (2:3:6) see: OK6497000
Z-(GLN(NH-BZL)(sup 1)-DES-HIS(sup 2))-LUTEINIZING HORMONE-RELEASING HORMONE HCl H2-O (2:3:6) see: OK6497000
GLO 5 see: TR8100000
GLOBENICOL see: AB6825000
GLOBOCICLINA see: QI9276000
GLOBOID see: VO0700000
GLOB-P-1 ACETATE see: LZ3555000
GLOB-P-2 ACETATE see: LZ3556000
GLOBULARIACITRIN see: VM2975000
GLOBULARICITRIN see: VM2975000

LZ3555000 GLOBURIN, pyrolyzate 1, ACETATE
UPDT:8406
SYN: GLOB-P-1 ACETATE * GLOBURIN-P-1 ACETATE
MUTATION DATA AND REFERENCES:
cyt-ham:lng 125 mg/L GMCRDC 27,95,81

LZ3556000 GLOBURIN, pyrolyzate 2, ACETATE
UPDT:8406
SYN: GLOB-P-2 ACETATE * GLOBURIN-P-2 ACETATE
MUTATION DATA AND REFERENCES:
cyt-ham:lng 63 mg/L GMCRDC 27,95,81
GLOBURIN-P-1 ACETATE see: LZ3555000
GLOBURIN-P-2 ACETATE see: LZ3556000

LZ3585000 GLOCHIDION ASSAMICUM Hook. f., extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1N22 ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

LZ3590000 GLOCHIDION FAGIFOLIUM Miq., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 11,43,73)
UPDT:8305
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

LZ3595000 GLOCHIDION HEYNEANUM Wall., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
3M10U26V30 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77
GLOMAX see: GF1670500
GLONOIN see: QX2100000

LZ3880000 GLORIOSA SUPERBA Linn., extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: KALLAVI, extract
TOXICITY DATA AND REFERENCES:
2F07U26 ipr-mus LD50:125 mg/kg IJEBA6 15,208,77

LZ3881000 GLORIOSA SUPERBA Linn., root extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:250 mg/kg IJEBA6 16,228,78
GLOROUS see: AB6825000
GLOSSO STERANDRYL see: BV8400000
GLOVER see: OF7525000
GLOXAZON see: ES2450000
GLOXAZONE see: ES2450000

LZ3980000 GLUCAGON
UPDT:8403 CAS: 9007-92-5 MW: 3460.23 MOLFM: C151-H224-N42-O50-S
MUTATION DATA AND REFERENCES:
dns-rat:lvr 75 mg/L EJBCAI 34,474,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 scu-rat TDLo:3600 ug/kg (16-21D preg) AJOGAH 106,656,70
TOXICITY DATA AND REFERENCES:
1P14 ims-man TDLo:28 ug/kg AIPTAK 218,312,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
GLUCANTIME see: LZ4370000

LZ3990000 GLUCARIC ACID, 1,4:6,3-DILACTONE, DIACETATE, D-
UPDT:8405 CAS: 642-83-1 MW: 258.20 MOLFM: C10-H10-O8
SYN: ACEGLATON * ACEGLATONE * 2,5-DI-o-ACETYL-D-GLUCARO-1,4:6,3-DILACTONE * 2,5-DI-O-ACETYL-D-GLUCOSACCHARO-1,4:6,3-DILACTONE * D-GLUCARIC ACID 1,4:6,3-DILACTONE DIACETATE * GLUCARON
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:6100 mg/kg 85ESA3 9,3,76
* ipr-mus LD50:5800 mg/kg NIIRDN 6,14,82
D-GLUCARIC ACID 1,4:6,3-DILACTONE DIACETATE see: LZ3990000
GLUCARON see: LZ3990000
GLUCID see: DE4200000
GLUCIDORAL see: YS4200000
GLUCINIUM see: DS1750000
GLUCINUM see: DS1750000
D-GLUCITOL, ANHYDRO-, MONOOCTADECANOATE see: WG2933500
D-GLUCITOL, 1-DEOXY-1-(4,5-DICHLORO-2-NITROANILINO)- see: WG2965000

LZ4295800 D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, 5-ACETAMIDO-N-(2-HYDROXYETHYL)- 2,4,6-TRIIODOISOPHTHALAMATE (salt)
UPDT:8308 CAS: 29288-99-1 MW: 839.20 MOLFM: C12-H11-I3-N2-O5 C7-H17-N-O5
SYN: IOXITHALAMATE METHYLGLUCAMINE
TOXICITY DATA AND REFERENCES:
3A11F12F13 ice-mus LD50:270 mg/kg THERAP 26,595,71

LZ4295840 D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, 3-ACETAMIDO-5-(N-METHYLACETAMIDO)-2,4,6- TRIIODOBENZOATE (salt)
UPDT:8308 CAS: 18555-27-6 MW: 823.20 MOLFM: C12-H11-I3-N2-O4 C7-H17-N-O5
SYN: METHYLGLUCAMINE METRIZOATE * METRIZOATE de METHYLGLUCAMINE (French)
TOXICITY DATA AND REFERENCES:
3A11F12F13 ice-mus LD50:220 mg/kg THERAP 26,595,71

LZ4295880 D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, 3-(ACETAMIDO)-2,4,6-TRIIODOBENZOATE (salt)
UPDT:8308 CAS: 22154-43-4 MW: 752.11 MOLFM: C9-H6-I3-N-O3 C7-H17-N-O5

BEST COPY AVAILABLE

SYN: ACETRIZOATE MEGLUMINE * ACETRIZOATE de METHYLGLUCAMINE (French) * ACETRIZOATE METHYLGLUCAMINE SALT * FORTOMBRINE M * FORTOSHADE M * MEGLUMINE ACETRIZOATE * METHYLGLUCAMINE ACETRIZOATE * MP 1023 1 * VASURIX * VASURIX 25

TOXICITY DATA AND REFERENCES:

3A11F12F13 ivn-mus LD50:10100 mg/kg THERAP 26,595,71
3A11F12F13 ice-mus LD50:100 mg/kg THERAP 26,595,71

LZ4296200 D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, 3-(ACETYLAMINO)-5-(((2-HYDROXYETHYL)AMINO)CARBONYL) 2,4,6-TRIIODOBENZOATE (salt), mixt. with 3-(ACETYLAMINO)-5-(((2-HYDROXYETHYL)AMINO) CARBONYL)-2,4,6-TRIIODOBENZOIC ACID compd. with 2-AMINOETHANOL (1:1)

UPDT:8308 CAS: 37244-86-3 MW: 1483.15 MOLFM: C12-H11-I3-N2-O5 C12-H11-I3-N2-O5 C7-H17-N-O5 C2-H7-N-O

SYN: AG 5895 * VASOBRIX 32

TOXICITY DATA AND REFERENCES:

3A11F12F13 ivn-rat LD50:11500 mg/kg THERAP 26,595,71
3A11F12F13 ipr-mus LD50:18900 mg/kg THERAP 26,595,71
3A11F12F13 ivn-mus LD50:15100 mg/kg THERAP 26,595,71
3A11F12F13 ice-mus LD50:160 mg/kg THERAP 26,595,71

LZ4296300 D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, 3-(ACETYLAMINO)-5-(((2-HYDROXYETHYL)AMINO)CARBONYL)- 2,4,6-TRIIODOBENZOATE (salt), mixt. with 3-(ACETYLAMINO)-5-(((2-HYDROXYETHYL)AMINO) CARBONYL)-2,4,6-TRIIODOBENZOIC ACID, MONOSODIUM SALT

UPDT:8308 CAS: 37244-85-2 MW: 1483.15 MOLFM: C12-H11-I3-N2-O5 C12-H11-I3-N2-O5 C7-H17-N-O5 Na

SYN: AG 58107 * TELEBRIX 38

TOXICITY DATA AND REFERENCES:

3A11F12F13 ivn-rat LD50:16800 mg/kg THERAP 26,595,71
3A11F12F13 ipr-mus LD50:21900 mg/kg THERAP 26,595,71
3A11F12F13 ivn-mus LD50:13700 mg/kg THERAP 26,595,71
3A11F12F13 ice-mus LD50:200 mg/kg THERAP 26,595,71

LZ4297000 GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, 3,3'-(ADIPOYLDIIMINO)BIS(2,4,6-TRIIODOBENZOATE) (2:1) (SALT), D-

UPDT:8409 CAS: 3521-84-4 MW: 1530.26 MOLFM: C20-H14-I6-N2-O6 2C7-H17-N-O5

SYN: ADIPIODONE MEGLUMINE * BILIGRAFIN FORTE * CAVUMBREN * CHOLOGRAF-N-METHYLGLUCAMINE * ENDOCISTOBIL * ENDOGRAFIN * ENDOGRAPHIN * INTRABILIX * IODIPAMIDE MEGLUMINE * IODIPAMIDE MEGLUMINE SALT * IODIPAMIDE METHYLGLUCAMINE SALT * MEGLUMINE IODIPAMIDE * METHYL GLUCAMINE BILIGRAFIN * METHYL GLUCAMINE IODIPAMIDE * ULTRABIL

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:5000 mg/kg NIIRDN 6,5,82
* par-rat LD50:1921 mg/kg FRPSAX 28,1011,73
* ivn-mus LD50:3195 mg/kg INVRAV 15(Suppl 6),142,80
* ivn-dog LD50:1200 mg/kg FRPSAX 28,996,73
* par-rbt LD50:1446 mg/kg FRPSAX 28,1011,73

GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, compd. with ANTIMONIC ACID (1:1), D- see: LZ4370000

D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, compd. with ANTIMONIC ACID (1:1) see: LZ4370000

D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, 3,5-BIS(ACETYLAMINO)-2,4,6-TRIIODOBENZOATE (SALT) see: LZ4315000

LZ4315000 GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, 3,5-DIACETAMIDO-2,4,6-TRIIODOBENZOATE (SALT), D-

UPDT:8308 CAS: 131-49-7 MW: 809.17 MOLFM: C11-H9-I3-N2-O4 C7-H17-N-O5

SYN: AMIDOTRIZOATE MEGLUMINE * ANGIGRAFIN * ANGIOGRAFIN * BENZOIC ACID, 3,5-DIACETAMIDO-2,4,6-TRIIODO-, compd. with 1-DEOXY-1-(METHYLAMINO)-D-GLUCITOL * CARDIOGRAFIN * DIATRIZOATE MEGLUMINE * DIATRIZOATE METHYLGLUCAMINE * DITRIZOATE METHYLGLUCAMINE * GASTROGRAFIN * D-GLUCITOL 1-DEOXY-1-(METHYLAMINO)-, 3,5-BIS(ACETYLAMINO) 2,4,6 TRIIODOBENZOATE (SALT) * HYPAQUE 13.4 * HYPAQUE 60 * HYPAQUE M 30 * HYPAQUE MEGLUMINE * MEGLUMINE AMIDOTRIZOATE * MEGLUMINE DIATRIZOATE * METHYLGLUCAMINE DIATRIXOATE * METHYLGLUCAMINE DIATRIZOATE * RENOGRAFFIN M-76 * RENOGRAFIN * RENO M 60 * RENO-M-DIF * RENURIX * UNIPAQUE * UROVIST

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:19500 mg/kg NIIRDN 6,32,82
* ivn-mus LD50:21200 mg/kg NIIRDN 6,32,82
3A11F12F13 ice-mus LD50:80 mg/kg THERAP 26,595,71

LZ4325000 D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, 3,5-DIACETAMIDO-2,4,6-TRIIODOBENZOATE (salt), SODIUM SALT

UPDT:8308 CAS: 19121-26-7 MW: 831.15 MOLFM: C11-H8-I3-N2-O4 C7-H17-N-O5 Na

SYN: DIATRIZOATE de SODIUM et de METHYLGLUCAMINE (French) * SODIUM METHYLGLUCAMINE DIATRIZOATE

TOXICITY DATA AND REFERENCES:

3A11F12F13 ivn-mus LD50:11500 mg/kg THERAP 26,595,71

LZ4365000 D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, 3,3'-((1,6-DIOXO-1,6-HEXANEDIYL)DIIMINO)BIS(2,4,6- TRIIODO-5-((METHYLAMINO)CARBONYL)BENZOATE) (2:1) (SALT)

UPDT:8403 CAS: 54605-45-7 MW: 1644.38 MOLFM: C24-H20-I6-N4-O8 2C7-H17-N-O5

SYN: 5,5'-(ADIPOYLDIIMINO)BIS(2,4,6-TRIIODO-N-METHYLISOPHALAMIC ACID) * BIS-CONRAY * DB 2041 * DIMEGLUMINE IOCARMATE * DIMERAY * DIMER X * DiRAX * LM 280 * IOCARMATE MEGLUMINE * IOCARMIC ACID DI-N-METHYLGLUCAMINE SALT * MEGLUMINE IOCARMATE * MYELOTRAST DI-N-METHYLGLUCAMINE SALT

TOXICITY DATA AND REFERENCES:

3F23H02Q30 par-wmn TDLo:140 mg/kg BMJOAE 1,692,78
* ivn-rat LD50:13400 mg/kg NIIRDN 6,63,82
* ice-rat LD50:614 mg/kg NIIRDN 6,63,82
* ivn-mus LD50:14 gm/kg MEIEDD 10,725,83
ice-mus LD50:1204 mg/kg FRPSAX 32,835,77
unk-rbt LD50:70 mg/kg FRPSAX 32,835,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LZ4367500 D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, 3,3'-(OXYBIS(2,1-ETHANEDIYLOXY(1-OXO-2,1-ETHANEDIYL) IMINO))BIS(2,4,6-TRIIODOBENZOATE) (1:1) (SALT)

UPDT:8408 CAS: 72704-51-9 MW: 1411.07 MOLFM: C22-H18-I6-N2-O9 C7-H17-N-O5

SYN: IOTROXATE MEGLUMINE * IOTROXATE METHYLGLUCAMINE SALT * MEGLUMINE IOTROXATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35 ipr-rat TDLo:4670 mg/kg (1-7D preg) NIIHAO 26,110,81
1T85 ivn-rat TDLo:1468 mg/kg (7-17D preg) NIIHAO 26,119,81

TOXICITY DATA AND REFERENCES:

* scu-rat LD50:78944 mg/kg NIIRDN 6,APP-1,82
* ivn-rat LD50:46588 mg/kg NIIRDN 6,APP-1,82
* ipr-mus LD50:58374 mg/kg NIIRDN 6,APP-1,82
* scu-mus LD50:68381 mg/kg NIIRDN 6,APP-1,82
* ivn-mus LD50:31355 mg/kg NIIRDN 6,APP-1,82
* ivn-rbt LD50:45698 mg/kg NIIRDN 6,APP-1,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LZ4369000 D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, 3,3'-(SULFONYLBIS((1-OXO-3,1-PROPANEDIYL)IMINO)BIS (5-ACETYLETHYLAMINO)-2,4,6-TRIIODOBENZOATE) (2:1) (salt)

UPDT:8303 MW: 1764.56 MOLFM: C28-H28-I6-N4-O10-S 2C7-H17-N-O5

SYN: IOSULAMIDE DIMEGLUMINE SALT * IOSULAMIDE MEGLUMINE * WIN 31122

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:17464 mg/kg INVRAV 15(Suppl 6),142,80
* ivn-mus LD50:14767 mg/kg INVRAV 15(Suppl 6),142,80

LZ4370000 D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, TRIOXOANTIMONATE(1-)

UPDT:8402 CAS: 133-51-7 MW: 366.01 MOLFM: C7-H17-N-O5 H-O3-Sb

SYN: GLUCANTIME * GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, compd. with ANTIMONIC ACID (1:1), D- * D-GLUCITOL, 1-DEOXY-1-(METHYLAMINO)-, compd. with ANTIMONIC ACID (1:1) * MEGLUMINE ANTIMONATE * METHYLGLUCAMINE ANTIMONATE * N-METHYLGLUCAMINE ANTIMONATE * PROTOSTIB * 2168-RP

TOXICITY DATA AND REFERENCES:

3M05M10M11 unk-chd TDLo:700 mg/kg/7D MAMEA2 41,1180,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LZ4375000 GLUCITOL, 1-DEOXY-1-(METHYLNITROSAMINO)-, D-

UPDT:8401 CAS: 10356-92-0 MW: 224.25 MOLFM: C7-H16-N2-O6

SYN: 1-DEOXY-1-(N-NITROSOMETHYLAMINO)-D-GLUCITOL * 1-N-METHYL-N-NITROSAMINO-1-DEOXY-D-GLUCITOL * 1-N-METHYL-N-NITROSOAMINO-1-DESOXY-D-GLUCIT (German) * 1-(N-METHYL-N-NITROSAMINO)-1-DEOXY-D-GLUCITOL

TUMORIGENIC DATA AND REFERENCES:

3V03K60L60 orl-rat TDLo:2500 mg/kg/25W-I ZEKBAI 75,296,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LZ4380000 GLUCITOL, 1,4:3,6-DIANHYDRO-, D-

UPDT:8408 CAS: 652-67-5 MW: 146.16 MOLFM: C6-H10-O4

SYN: AT 101 * DEVICORAN * D-1,4:3,6-DIANHYDROGLUCITOL * 1,4:3,6-DIANHYDROSORBITOL * HYDRONOL * ISOBIDE * ISOSORBIDE * (-)-D-ISOSORBIDE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:24150 mg/kg OYYAA2 3,15,69
* ivn-rat LD50:11300 mg/kg NIIRDN 6,71,82
orl-mus LD50:289 mg/kg OYYAA2 3,187,69
* ipr-mus LD50:13600 mg/kg NIIRDN 6,71,82
1A02 ivn-mus LD50:6870 mg/kg OYYAA2 3,15,69

LZ4386000 GLUCITOL, 1,4:3,6-DIANHYDRO-, DINITRATE, D-, mixture with not less than 60% LACTOSE, MANNOSE, STARCH, or CALCIUM HYDROGEN PHOSPHATE

UPDT:8312

SYN: ISOSORBIDE DINITRATE MIXTURE (DOT) * UN 2907 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83

LZ4396000 GLUCITOL, HEXANITRATE, D-

UPDT:8405 MW: 452.20 MOLFM: C6-H8-N6-O18

SYN: SORBITOL NITRE (French)

TOXICITY DATA AND REFERENCES:

* ipr-gpg LD50:112 mg/kg AIPTAK 98,355,54

D-GLUCITOL, 1,1'-(SULFONYLBIS(4,1-PHENYLENEIMINO))BIS(1-DEOXY-1-SULFO-, DISODIUM SALT (9CI) see: LZ8100000

GLU CNU see: MA0957000

GLUCOBASIN see: AU7416000

GLUCOCHLORAL see: FM9450000

GLUCOCHLORALOSE see: FM9450000

alpha-D-GLUCOCHLOROSE see: FM9450000

GLUCODIGIN see: II2275000

GLUCODIGITOXIN see: FH5085000

GLUCOERYSOLIN see: LZ5778900

GLUCOERYSOLIN POTASSIUM SALT see: LZ5778900

GLUCO-FERRUM see: LZ5150000

GLUCOFREN see: YS4200000

alpha-D-GLUCOFURANOSE, 1,2-O-(2,2,2-TRICHLOROETHYLIDENE)-, (R)- (9CI) see: FM9450000

LZ4995000 GLUCOFURANURONIC ACID, 1,2-O-(2,2,2-TRICHLOROETHYLIDENE)-, LACTONE

UPDT:8406 MW: 305.50 MOLFM: C8-H7-Cl3-O6

SYN: FURO(2',3':4,5)FURO(2,3-d)-1,3-DIOXOL-5-ONE, 2-(TRICHLOROMETHYL)- * 1,2-O-(2,2,2-TRICHLOROETHYLIDENE)GLUCOFURANURONIC ACID LACTONE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:540 mg/kg JAPMA8 44,127,55

GLUCOGITOXIN see: FH5083000

LZ5020000 D-glycero-D-GLUCO-HEPTONIC ACID, TIN SALT

UPDT:8305 MW: 285.53 MOLFM: C7-H14-O8 1/2Sn

SYN: STANNOUS GLUCOHEPTONATE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:1500 mg/kg USXXAM #4027005

GLUCOLIN see: LZ6600000

GLUCONATE DE CALCIUM (French) see: EW2100000

LZ5150000 GLUCONIC ACID, IRON(2+) SALT (2:1)

UPDT:8411 CAS: 299-29-6 MW: 446.19 MOLFM: C12-H22-O14 Fe

SYN: FERGON * FERGON PREPARATIONS * FERLUCON * FERRONICUM * FERROUS GLUCONATE * GLUCO-FERRUM * IROMIN * IRON GLUCONATE * IROX (GADOR) * NIONATE * RAY GLUCIRON

TUMORIGENIC DATA AND REFERENCES:

3V03P62T63 scu-mus TDLo:2600 mg/kg/13W-I JNCIAM 24,109,60

TOXICITY DATA AND REFERENCES:

2K12K13 orl-chd TDLo:162 mg/kg JAMAAP 218,1179,71
* orl-rat LD50:7460 mg/kg AJMSA9 241,296,61
* orl-mus LD50:3950 mg/kg AJMSA9 241,296,61
* ipr-mus LD50:160 mg/kg AJMSA9 241,296,61
* ivn-mus LD50:199 mg/kg AJMSA9 241,296,61

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CTOXAO 4,615,71

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LZ5230000 GLUCONIC ACID, MONOPOTASSIUM SALT, D-

UPDT:8403 CAS: 299-27-4 MW: 235.28 MOLFM: C6-H12-O7 K

SYN: D-GLUCONIC ACID, MONOPOTASSIUM SALT (9CI) * GLUCONIC ACID POTASSIUM SALT * GLUCONSAN K * KALIUM-BETA * KAON ELIXIR * KATORIN * K-IAO * POTALIUM * P-LASORAL * POTASSIUM GLUCONATE * POTASSIUM D-GLUCONATE * POTASSURIL * SIROKAL

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:10380 mg/kg NIIRDN 6,226,82
* orl-mus LD50:9100 mg/kg NIIRDN 6,226,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

D-GLUCONIC ACID, MONOPOTASSIUM SALT (9CI) see: LZ5230000

GLUCONIC ACID POTASSIUM SALT see: LZ5230000

GLUCONSAN K see: LZ5230000

GLUCOPERIPLOCYMARIN see: FH4919700

GLUCOPHAGE see: DU1790000

BEST COPY AVAILABLE

GLUCOPHAGE see: DU1800000 BIGUANIDE, 1,1-DIMETHYL-, HYDROCHLORIDE
GLUCOPHAGE LA 6023 see: DU1790000
GLUCOPROSCILLARIDIN A see: EI3325000

LZ5758000 GLUCOPYRANOSE, 2-DEOXY-2-(3-(2-CHLOROETHYL)-3-NITROSOUREIDO)-, D-
UPDT.8408 CAS: 54749-90-5 MW: 313.73 MOLFM: C9-H16-Cl-N3-O7
SYN: 1-(2-CHLOROETHYL)-3-(D-GLUCOPYRANOS-2-YL)-1-NITROSOUREA * 2-(((2-CHLOROETHYL)NITROSOAMINO)CARBONYL)AMINO)-2-DEOXY-D-GLUCOSE * 2-(3-(2-CHLOROETHYL)-3-NITROSOUREIDO)-2-DEOXY-D-GLUCOSOPYRANOSE * 2-(3-(2-CHLOROETHYL)-3-NITROSOUREIDO) D-GLUCO-PYRANOSE * CHLOROZOTOCIN * CHLZ * CZT * DCNU * D-GLUCOSE, 2-(((2-CHLOROETHYL)NITROSOAMINO)CARBONYL)AMINO)-2-DEOXY- (9CI) * NSC 178248 * NSC D 254157 * UREA, 1-(2-CHLOROETHYL)-3-(D-GLUCOPYRANOS-2-YL)-1-NITROSO-

MUTATION DATA AND REFERENCES:
mma-sat 100 nmol/plate — JJIND8 65,149,80
mma-sat 100 mg/L/1H — MUREAV 40,281,76
dnd-rat-ipr 100 umol/kg — CNREA8 44,514,84
sce-rat:oth 1 umol/L — CNREA8 43,473,83
dnd-mus:leu 50 umol/L — CNREA8 38,3197,78
dnd-mus:bmr 100 umol/L — INSSDM 19,49,81
dns-mus:leu 1 umol/L — CNREA8 37,783,77
dni-mus/oth 15 mg/kg — INSSDM 19,85,81
dni-mus:leu 20 mg/L — CNREA8 40,3723,80
oms-mus/leu 15 mg/kg — INSSDM 19,85,81
dnd-mus:bmr 100 umol/L — CNREA8 42,2605,82
dnd-ham:lng 8500 umol/L — CNREA8 38,3379,78
msc-ham:lng 10 umol/L — CNREA8 40,2719,80
dnd-mam:lym 10 mmol/L — CNREA8 44,1887,84

TUMORIGENIC DATA AND REFERENCES:
2V01K60 ipr-rat TDLo:34 mg/kg/85W-I — CALEDQ 8,133,79
2V03K60 ivn-rat TDLo:16 mg/kg/60W-I — DTESD7 8,273,80
3V03J60K60 ivn-rat TD :64 mg/kg/60W-I — DTESD7 8,273,80

TOXICITY DATA AND REFERENCES:
3F14K13P17 ivn-man TDLo:500 mg/kg — CANCAR 46,2365,80
3J12J15K30 ipr-rat LD50:28 mg/kg — CALEDQ 8,133,79
3J16K06P26 ivn-rat LD50:22500 ug/kg — ONCOBS 37,177,80
1V30 ipr-mus LD50:35 mg/kg — INSSDM 19,123,81
° ivn-mus LD10:15 mg/kg — GANNA2 71,686,80

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D-GLUCOPYRANOSE, 2-DEOXY-2-(((METHYLNITROSOAMINO)CARBONYL)AMINO)- see: LZ5775000

LZ5773000 GLUCOPYRANOSE, 1-DEOXY-1-(3-METHYL-3-NITROSOUREIDO)-, D-
UPDT.8303 MW: 265.26 MOLFM: C8-H15-N3-O7
SYN: 3-beta-D-GLUCOPYRANOSYL-1-METHYL-1-NITROSOUREA * D-1-(3-METHYL-3-NITROSOUREIDO)-1-DEOXYGLUCOPYRANOSE * SZA1

MUTATION DATA AND REFERENCES:
mma-sat 400 mg/L/1H — MUREAV 40,281,76
dnd-mus:leu 500 umol/L — CNREA8 39,82,79

LZ5775000 GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-
UPDT.8412 CAS: 18883-66-4 MW: 265.26 MOLFM: C8-H15-N3-O7
SYN: 2-DEOXY-2-(((METHYLNITROSOAMINO)CARBONYL)AMINO)-D-GLUCOPYRANOSE * 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-D-GLUCOPYRANOSE * 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-alpha(and beta)-D-GLUCOPYRANOSE * D-GLUCOPYRANOSE, 2-DEOXY-2-(((METHYLNITROSOAMINO)CARBONYL)AMINO)- * N-d-GLUCOSYL(2)-N'-NITROSOMETHYLHARNSTOFF (German) * N-D-GLUCOSYL-(2)-N'-NITROSOMETHYLUREA * NCI-C03167 * NSC-85598 * NSC-85998 * RCRA WASTE NUMBER U206 * STR * STREPTOZOCIN * STREPTOZOTICIN * STREPTOZOTOCIN * STRZ * STZ * U-9889 * ZANOSAR

MUTATION DATA AND REFERENCES:
mma-sat 150 mg/L/1H — MUREAV 40,281,76
mma-sat 1 nmol/plate — CRNGDP 5,309,84
mmo-esc 20 ug/L — CNREA8 39,682,79
mma-esc 1 mg/L — RCOCB8 16,523,77
pic-esc 1 mg/L — APMBAY 12,234,64
mmo-smc 7500 mg/L — MGGEAE 174,39,79
mmo-asn 50 ug/plate — MUREAV 97,293,82
dni-hmn:lng 1 gm/L/3H-C — MUREAV 12,183,71
cyt-hmn:lng 500 mg/L — MUREAV 12,183,71
dnd-rat-ivn 50 mg/kg — CNREA8 38,1589,78
dns-rat:lvr 50 umol/L — ENMUDM 3,11,81
hma-rat/sat 111 mg/kg — MUREAV 51,151,78
dnd-mus-ipr 150 mg/kg — CRNGDP 5,231,84
dnd-mus:leu 500 umol/L — CNREA8 39,82,79
oms-mus/leu 200 mg/kg — INSSDM 19,85,81
dni-mus/oth 200 mg/kg — INSSDM 19,85,81
bfa-mus/sat 12 mg/kg — MUREAV 48,1,77
msc-mus:lym 10 mg/L — MUREAV 125,291,84
hma-mus/sat 500 ug/kg — MUREAV 48,1,77
dnd-ham:lng 250 mg/L — CBINA8 13,173,76
msc-ham:lng 500 umol/L — CNREA8 40,2719,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T31 ipr-rat TDLo:50 mg/kg (1D pre) — DBTGAJ 10,89,74
1T12 ivn-rat TDLo:70 mg/kg (1D pre) — PSEBAA 174,123,83
2T31T34 ivn-rat TDLo:35 mg/kg (8D preg) — TJADAB 14,373,76
2T34T81 ivn-rat TDLo:30 mg/kg (5D preg) — METAAJ 19,1014,70
2T52T83 ivn-rat TDLo:40 mg/kg (5D preg) — DIAEAZ 19,610,70
3T25T41T47 ivn-rat TDLo:40 mg/kg (1D preg) — JEEMAF 41,93,77
1T29 ivn-rat TDLo:60 mg/kg (1D pre) — PSEBAA 171,207,82
1T46 unk-rat TDLo:65 mg/kg (5D preg) — TJADAB 29(3),13A,84
3T14T24T25 ipr-ham TDLo:150 mg/kg (3D pre) — TJADAB 29(2),22A,84

TUMORIGENIC DATA AND REFERENCES:
3V02L60M61 ipr-rat TDLo:470 mg/kg/26W-I — RRCRBU 52,1,75
2V02M61 ivn-rat TDLo:25 mg/kg — BJCAAI 36,692,77
3V02J60M61 ipr-mus TDLo:470 mg/kg/26W-I — RRCRBU 52,1,75
3V03L60M61 ipr-ham TDLo:100 mg/kg/1 — JNCIAM 51,1287,73
3V03K60M61 ivn-rat TD :65 mg/kg — GANNA2 68,397,77
2V02M61 ivn-rat TD :50 mg/kg — CNCRA6 52,563,68
3V02K60M61 ivn-rat TD :30 mg/kg — CNREA8 38,2144,78
2V03L60 ivn-rat TD :65 mg/kg — TRPLAU 24,152,77
3V03L60M61 ivn-rat TD :50 mg/kg — CCROBJ 59,891,75
2V02M61 ivn-rat TD :50 mg/kg — PSEBAA 151,356,76
2V03M61 ivn-rat TD :65 mg/kg — EXPEAM 38,129,82

TOXICITY DATA AND REFERENCES:
3K13L14M30 orl-hmn TDLo:1044 mg/kg/5D — CANCAR 34,993,74
2K13M30 ivn-wmn TDLo:170 mg/kg/3W — ARZNAD 22,830,72
ivn-wmn LDLo:440 mg/kg/65W-I — GUTTAK 12,717,71
ivn-rat LD50:138 mg/kg — CNCRA6 29,91,63
orl-mus LD50:264 mg/kg — CNCRA6 48,1,65
1V30 ipr-mus LD50:360 mg/kg — JMCMAR 19,918,76
1V30 ivn-mus LD50:275 mg/kg — JMCMAR 19,918,76
par-mus LD50:264 mg/kg — CNCRA6 48,1,65
1V30 ivn-dog LD50:50 mg/kg — JMCMAR 19,918,76
3F07J25U01 ivn-mky LDLo:80 mg/kg — DCTODJ 3,201,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED — IARC** 17,337,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 4,221,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 17,337,78

STATUS:
★ NCI CARCINOGENFSIS STUDY COMPLETED;RESULTS POSITIVE-MOUSE, RAT (RRCRBU 52,1,75)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LZ5778900 GLUCOPYRANOSE, 1-THIO-, 1-(5-(METHYLSULFONYL)VALEROHYDROXIMATE) NO-(HYDROGEN SULFATE), MONOPOTASSIUM SALT, beta-D-
UPDT.8308 CAS: 22149-26-4 MW: 491.63 MOLFM: C12-H22-N-O11-S3-K
SYN: GLUCOERYSOLIN * GLUCOERYSOLIN POTASSIUM SALT

TOXICITY DATA AND REFERENCES:
° unk-mus LD50:240 mg/kg — 85GDA2 8(2),360,82

LZ5779800 alpha-D-GLUCOPYRANOSIDE, 6-CHLORO-6-DEOXY-beta-D-FRUCTOFURANOSYL-
UPDT.8401 CAS: 50270-99-0 MW: 360.78 MOLFM: C12-H21-Cl-O10
SYN: 6-CDS * 6-CHLORO-6-DEOXY-beta-D-FRUCTOFURANOSYL-alpha-D-GLUCOPYRANOSIDE * 6-CHLORO-6-DEOXYSUCROSE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:595 mg/kg (7D male) — JRPFA4 52,153,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LZ5779900 alpha-D-GLUCOPYRANOSIDE, 6-CHLORO-6-DEOXY-beta-D-FRUCTOFURANOSYL-6-CHLORO-6-DEOXY-
UPDT.8401 CAS: 40984-16-5 MW: 379.22 MOLFM: C12-H20-Cl2-O9
SYN: 6-CHLORO-6-DEOXY-beta-D-FRUCTOFURANOSYL-6-CHLORO-6-DEOXY-alpha-D-GLUCOPYRANOSIDE * 6,6'-DCDS * 6,6'-DICHLORO-6,6'-DIDEOXYSUCROSE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:315 mg/kg (7D male) — JRPFA4 52,153,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLUCOPYRANOSIDE, 4,6-DIAMINO-2-HYDROXY-1,3-CYCLOHEXYLENE 3,6'-DIAMINO-3,6'-DIDEOXYDI-, D- see: WK1962000

LZ5785300 GLUCOPYRANOSIDE, 3,8-DIHYDROXY-6-METHYL-1-ANTHRAQUINONYL-, beta-D-
UPDT.8308 CAS: 23313-21-5 MW: 432.41 MOLFM: C21-H20-O10
SYN: 9,10-ANTHRACENEDIONE, 1-(beta-D-GLUCOPYRANOSYLOXY)-3,8-DIHYDROXY-6-METHYL- * 3,8-DIHYDROXY-6-METHYL-1-ANTHRAQUINONYL-beta-D-GLUCOPYRANOSIDE * EMODIN GLUCOSIDE B * EMODIN-1 (B)-MONOGLUCOSIDE

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — MUREAV 66,9,79
mma-sat 1 ug/plate — MUREAV 66,9,79

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

LZ5787000 beta-D-GLUCOPYRANOSIDE, (2,4-DIIODO-1,3,5-BENZENETRIYL)TRIS-
UPDT.8306 CAS: 58163-18-1 MW: 864.38 MOLFM: C24-H34-I2-O18
SYN: (2,4-DIIODO-1,3,5-BENZENETRIYL)TRIS-beta-D-GLUCOPYRANOSIDE * 2,4-DIIODO-1,3,5-TRI-O-GLUCOSYL BENZENE * DTB

TOXICITY DATA AND REFERENCES:
3C08F07G30 ivn-mus LD50:34 gm/kg — RADLAX 117,717,75

GLUCOPYRANOSIDE, beta-D-FRUCTOFURANOSYL, alpha-D see: WN6500000

LZ5851000 alpha-D-GLUCOPYRANOSIDE, beta-D-FRUCTOFURANOSYL-6-CHLORO-6-DEOXY-
UPDT.8401 MW: 360.78 MOLFM: C12-H21-Cl-O10
SYN: 6-CDS * 6-CHLORO-6-DEOXYSUCROSE * beta-D-FRUCTOFURANOSYL-6-CHLORO-6-DEOXY-alpha-D-GLUCOPYRANOSIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:595 mg/kg (7D male) — JRPFA4 52,153,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-D-GLUCOPYRANOSIDE, beta-D-FRUCTOFURANOSYL, MONOTETRADECANOATE see: WN6600000

LZ5851500 alpha-D-GLUCOPYRANOSIDE, beta-D-FRUCTOFURANOSYL, TETRADECANOATE
UPDT.8406 CAS: 9042-71-1
SYN: SUCROSE MYRISTATE

TOXICITY DATA AND REFERENCES:
° orl-mus LD50:580 mg/kg — BCFAAI 101,173,62

GLUCOPYRANOSIDE, HESPERETIN-7 6-O-(6-DEOXY-alpha-L-MANNOPYRANOSYL)-, beta-D- see: MK6650000

LZ5950000 beta-D-GLUCOPYRANOSIDE, (METHYL-ONN-AZOXY)METHYL-
UPDT.8408 CAS: 14901-08-7 MW: 252.26 MOLFM: C8-H16-N2-O7
SYN: CYCASIN * CYCAS REVOLUTA GLUCOSIDE * CYKAZINE * beta-D-GLUCOSYLOXYAZOXYMETHANE * beta-D-GLUCOSYLOXYAZOXYMETHASE * METHYLAZOXYMETHANOL GLUCOSIDE * METHYLAZOXYMETHANOL-beta-D-GLUCOSIDE * (METHYL ONN AZOXY)-METHYL beta-D-GLUCOPYRANOSIDE

MUTATION DATA AND REFERENCES:
mma-sat 10 umol/plate — CNREA8 39,3780,79
mmo-smc 250 ug/L — AEMIDF 45,651,83
mrc-smc 250 ug/L — AEMIDF 45,651,83
dnd-rat-orl 56 mg/kg — MUREAV 54,39,78
dnd-mus-orl 50 mg/kg — BJCAAI 39,383,79
hma-mus/sat 400 ug/kg — SCIEAS 163,689,69

TUMORIGENIC DATA AND REFERENCES:
3V03M61L60 orl-rat TDLo:100 mg/kg — JCROD7 100,231,81
3V03T65Q60 orl-rat TDLo:143 mg/kg (8-13D preg) — JNCIAM 38,233,67
3V03T65K60 orl-rat TDLo:230 mg/kg (2-5D preg) — JNCIAM 38,233,67
2V03K60 rec-rat TDLo:600 mg/kg/11W-I — GANNA2 66,449,75
2V03L60 orl-mus TDLo:300 mg/kg — CNREA8 29,1658,69
3V01L60M61 orl-ham TDLo:150 mg/kg — CNREA8 31,283,71
3V01L60M61 orl-rat TD :21 gm/kg/3W-C — FEPRA7 23,1386,64
2V03K60 orl-rat TD :480 mg/kg/2D-C — APAVAY 340,151,65

TOXICITY DATA AND REFERENCES:
orl-rat LD50:270 mg/kg — GANNA2 62,353,71
orl-mus LD50:500 mg/kg — FEPRA7 31,1493,72
orl-rbt LDLo:30 mg/kg — FEPRA7 31,1493,72
orl-gpg LDLo:20 mg/kg — FEPRA7 31,1493,72
orl-ham LDLo:250 mg/kg — FEPRA7 31,1493,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75; MUREAV 26,225,74; 85CVA2 5,196,70; CNREA8 28,2262,68; CTRRDO 60,1171,76; ZKKOBW 78,99,72; BLFSBY 24,129,83
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 1,157,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 10,121,76
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE — IARC** 10,121,76
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE — IARC** 10,121,76

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

BEST COPY AVAIL

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LZ5984000 alpha-D-GLUCOPYRANOSIDE, METHYL-, TETRANITRATE
UPDT:8308 MW: 373.20 MOLFM: C7-H9-N4-O14
SYN: alpha-METHYLGLUCOSIDE TETRANITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN CFRGBR 49,172.101,82

LZ5985000 GLUCOPYRANOSIDE, 3-NITROPROPYL-, beta-D-
UPDT:8412 CAS: 24502-76-9 MW: 267.27 MOLFM: C9-H17-N-O8
TOXICITY DATA AND REFERENCES:
3F07F24J22 orl-rat LDLo:2 gm/kg TOLED5 19,171,83

GLUCOPYRANOSIDE, QUERCETIN-3 6-O-(6-DEOXY-alpha-L-MANNOPYRANOSYL)-, beta-D- see: VM2975000
GLUCOPYRANOSIDE, QUERCETIN-3 6-O-alpha-L-RHAMNOPYRANOSYL-, beta-D see: VM2975000

LZ6320000 GLUCOPYRANOSIDE, 1-(8-QUINOLYL)-, beta-D-
UPDT:8305 MW: 307.33 MOLFM: C15-H17-N-O6
SYN: BHGQ * 8-HYDROXYQUINOLINE beta-D-GLUCOPYRANOSIDE * 8-HYDROXY-QUINOLINE-beta-D-GLYCOPYRANOSIDE
MUTATION DATA AND REFERENCES:
otr-hmn:oth 1 nmol/L CRSBAW 176,39,82

alpha-D-GLUCOPYRANOSIDE, 1,3,4,6-TETRA-O-ACETYL-beta-D-FRUCTOFURANOSYL-, TETRAACETATE (9CI) see: WN6620000
4-(alpha-D-GLUCOPYRANOSIDO)-alpha-GLUCOPYRANOSE see: OO5250000

LZ6460000 alpha-D-GLUCOPYRANOSIDURONIC ACID, (3-beta,20-beta)-20-CARBOXY-11-OXO-30-NOROLEAN-12-EN-3-YL 2-O-beta-D-GLUCOPYRANURONOSYL-, DISODIUM SALT
UPDT:8406 CAS: 71277-79-7 MW: 869.02 MOLFM: C42-H62-O16-2Na
SYN: DISODIUM GLYCYRRHIZINATE * GLYCYRRHIZINIC ACID DISODIUM SALT
MUTATION DATA AND REFERENCES:
cyt-ham:lng 1700 mg/L GMCRDC 27,95,81

LZ6501000 GLUCOPYRANOSIDURONIC ACID, (5-FLUORO-1,2-DIHYDRO-2-OXO-4-PYRIMIDINYL)-, METHYL ESTER, beta-D-
UPDT:8401 CAS: 64977-52-2 MW: 320.26 MOLFM: C11-H13-F-N2-O8
SYN: (5-FLUORO-1,2-DIHYDRO-2-OXO-4-PYRIMIDINYL) beta-D-GLUCOPYRANOSIDURONIC ACID METHYL ESTER * 5-FLUOROURACIL O-beta-D-GLUCURONIDE * FU-O-G * 5-FU O-beta-D-GLUCURONIDE * METHYL 1-(5-FLUORO-1H-2-OXOPYRIMIDIN-4-YL) beta-D-GLUCOPYRANURONATE
TOXICITY DATA AND REFERENCES:
1V30 ivn-mus LD50:5000 mg/kg GANNA2 69,283,78

LZ6502000 beta-D-GLUCOPYRANOSIDURONIC ACID, (METHYL-ONN-AZOXY)METHYL-
UPDT:8306 MW: 266.24 MOLFM: C8-H14-N2-O8
SYN: METHYLAZOXYMETHANOL beta-D-GLUCOSIDURONIC ACID * (METHYL-ONN-AZOXY)METHYL beta-D-GLUCOPYRANOSIDURONIC ACID
TUMORIGENIC DATA AND REFERENCES:
3V01K61L60 orl-rat TDLo:71 mg/kg JJIND8 67,1053,81
3V01K61M61 orl-rat TD :282 mg/kg/4W-I JJIND8 67,1053,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LZ6503000 GLUCOPYRANOSIDURONIC ACID, 1-((1-METHYL-3-(2,4,6-TRICHLOROPHENYL)-2-TRIAZENO)METHYL)-, beta-D-
UPDT:8306 MW: 341.36 MOLFM: C14-H19-N3-O7
SYN: (1-METHYL-3-(2,4,6-TRICHLOROPHENYL)-2-TRIAZENO)METHYL beta-D-GLUCOPYRANOSIDE URONIC ACID
MUTATION DATA AND REFERENCES:
mma-sat 1 mmol/L CNREA8 42,1446,82

10-GLUCOPYRANOSYL-1,8-DIHYDROXY-3 (HYDROXYMETHYL)-9(10H)-ANTHRACENONE see: LZ6520000

LZ6520000 10-beta-D-GLUCOPYRANOSYL-1,8-DIHYDROXY-3-(HYDROXYMETHYL)-, 9(10H)-ANTHRACENONE-, (+)-
UPDT:8308 CAS: 1415-73-2 MW: 418.40 MOLFM: C21-H22-O9
SYN: ALOIN * 10-((1,5-ANHYDROGLUCOSYL)ALOE EMODIN-9 ANTHRONE * BARBALOIN * 1,8-DIHYDROXY-3-HYDROXYMETHYL-10-(6-HYDROXYMETHYL-3,4,5-TRIHYDROXY-2-PYRANYL)ANTHRONE * 10-GLUCOPYRANOSYL-1,8-DIHYDROXY-3-(HYDROXYMETHYL)-9(10H)-ANTHRACENONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:200 mg/kg 85GDA2 8(2),314,82
orl-cat LDLo:500 mg/kg HBAMAK 4,1298,35
scu-rbt LDLo:200 mg/kg HBAMAK 4,1298,35
scu-pgn LDLo:200 mg/kg HBAMAK 4,1298,35

alpha-D-GLUCOPYRANOSYL beta-D-FRUCTOFURANOSIDE see: WN6500000
O-beta-D-GLUCOPYRANOSYLJERVINE see: NY9062000
3-beta-D-GLUCOPYRANOSYL-1-METHYL-1-NITROSOUREA see: LZ5773000
17-alpha-(beta-D-GLUCOPYRANOSYLOXY)ESTRA-1,3,5(10)-TRIEN-3-OL see: KG7731620
3-beta-((beta-D-GLUCOPYRANOSYL)OXY)-14-HYDROXY-19-OXO-BUFA-4,20,22-TRIENOLIDE see: EI3690000
(D-GLUCOPYRANOSYLTHIO)GOLD see: MD6475000

LZ6572500 GLUCOPYRANURONAMIDE, 1-(4-AMINO-2-OXO-1(2H)-PYRIMIDINYL)-1,4-DIDEOXY-4-(D-2-(2-METHYLAMINO) ACETAMIDO)HYDRACRYLAMIDO)-, beta-D-
UPDT:8403 CAS: 2096-42-6 MW: 443.48 MOLFM: C16-H25-N7-O8
SYN: ANTIBIOTIC 21544 * ASPICULAMYCIN * ASTEROMYCIN * 1-(4-DEOXY-4-(SARCOSYL-D-SERYL)AMINO-beta-D-GLUCOPYRANURONAMIDE)CYTOSINE * GOUGEROTIN * NSC 528943 * QUINGFENGMYCIN
TOXICITY DATA AND REFERENCES:
orl-mus LD50:125 mg/kg JANTAJ 27,334,74
* ipr-mus LD50:57 mg/kg 85FZAT -,313,67
* ivn-mus LD50:13 mg/kg 85GDA2 5,230,81

LZ6572600 beta-D-GLUCOPYRANURONIC ACID, 1-DEOXY-1-(5-FLUORO-3,4-DIHYDRO-2,4-DIOXO-1(2H)-PYRIMIDINYL)-
UPDT:8308 CAS: 66048-45-1 MW: 306.23 MOLFM: C10-H11-F-N2-O8
SYN: 1-DEOXY-1-(5-FLUORO-3,4-DIHYDRO-2,4-DIOXO-1(2H)-PYRIMIDINYL)-beta-D-GLUCOPYRANURONIC ACID * 1-DEOXY-1-(5-FLUORO-2,4-DIOXO-1,2,3,4-TETRAHYDRO-1-PYRIMIDINYL)-beta-D-GLUCOPYRANURONIC ACID * 5-FLUOURACIL N-GLUCURONIDE * 5-FU N-GLUCURONIDE * FU-N-G
TOXICITY DATA AND REFERENCES:
1V30 ivn-mus LD50:5000 mg/kg GANNA2 69,283,78

GLUCOSAMINE see: LZ6664000
D-GLUCOSAMINE see: LZ6664000
GLUCOSE see: LZ6600000

LZ6600000 D-GLUCOSE
UPDT:8408 CAS: 50-99-7 MW: 180.18 MOLFM: C6-H12-O6
SYN: ANHYDROUS DEXTROSE * CARTOSE * CEREOSE * CORN SUGAR * DEXTROPUR * DEXTROSE * DEXTROSE, ANHYDROUS * DEXTROSOL * GLUCOLIN * GLUCOSE * GLUCOSE, ANHYDROUS * D-GLUCOSE, ANHYDROUS * GLUCOSE LIQUID * GRAPE SUGAR * SIRUP * SUGAR, GRAPE
MUTATION DATA AND REFERENCES:
oms-omi 1 mol/L ARMKA7 91,305,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T13 ipr-rat TDLo:300 gm/kg (30D pre) OYYAA2 6,251,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:25800 mg/kg 85AIAL -,43,73
ipr-mus LDLo:18 gm/kg PSEBAA 35,98,36
ivn-mus LD50:9 gm/kg ARZNAD 18,666,68
orl-dog LDLo:8000 mg/kg HBTXAC 1,150,55
orl-rbt LDLo:20000 mg/kg HBTXAC 1,150,55
ivn-rbt LDLo:12000 mg/kg HBTXAC 1,150,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LZ6650000 D-GLUCOSE, 2-(3-ACETAMIDO-2,4,6-TRIIODO-5-(N-METHYLACETAMIDO)BENZAMIDO)-2-DEOXY-
UPDT:8408 CAS: 31112-62-6 MW: 789.13 MOLFM: C18-H22-I3-N3-O8
SYN: 2-(3-ACETAMIDO-5-N-METHYL-ACETAMIDO-2,4,6-TRIIODOBENZAMIDO)-2-DEOXY-D-GLUCOSE * 2-(3-ACETAMIDO-2,4,6-TRIIODO-5-(N-METHYLACETAMIDO)BENZAMIDO)-2-DEOXY-D-GLUCOPYRANOSE * 2-(3-ACETAMIDO-2,4,6-TRIIODO-5-(N-METHYLACETAMIDO)BENZAMIDO)-2-DEOXY-D-GLUCOSE * 2-((3-(ACETYLAMINO)-5-(ACETYLMETHYLAMINO)-2,4,6-TRIIODOBENZOYL)AMINO)-2-DEOXY-D-GLUCOSE * 3-ACETYLAMINO-5-N-METHYL-ACETYLAMINO-2,4,6-TRIIODOBENZOYL GLUCOSAMINE * AMIPAQUE * D-GLUCOSE, 2-((3-(ACETYLAMINO)-5-(ACETYLMETHYLAMINO)-2,4,6-TRIIODOBENZOYL)AMINO)-2-DEOXY- * METRIZAMIDE * TELEBRIX 300 * WIN 39103
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 ipr-rat TDLo:11456 mg/kg (1-7D preg) NIIHAO 24,277,79
1T35 ipr-rat TDLo:34369 mg/kg (1-7D preg) NIIHAO 24,277,79
2T24T29 ivn-rat TDLo:54008 mg/kg (7-17D preg) NIIHAO 24,287,79
1T35 ivn-rat TDLo:18003 mg/kg (7-17D preg) NIIHAO 24,287,79
1T81 ivn-rat TDLo:8183 mg/kg (17-21D preg) NIIHAO 24,303,79
1T85 ivn-rat TDLo:2455 mg/kg (17-21D preg) NIIHAO 24,303,79
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:9300 mg/kg NIIRDN 6,842,82
* scu-rat LD50:17600 mg/kg NIIRDN 6,842,82
* ivn-rat LD50:13100 mg/kg NIIRDN 6,842,82
3A11F02F17 ice-rat LD50:135 mg/kg RADLAX 140,713,81
* ipr-mus LD50:9950 mg/kg USXXAM #4001323
* scu-mus LD50:7500 mg/kg NIIRDN 6,842,82
* ivn-mus LD50:1534 mg/kg INVRAV 15(Suppl 6),248,80
* ice-mus LD50:2910 mg/kg USXXAM #4001323
* par-rbt LD50:207 mg/kg USXXAM #4001323
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D-GLUCOSE, 2-((3-(ACETYLAMINO)-5-(ACETYLMETHYLAMINO)-2,4,6-TRIIODOBENZOYL)AMINO)-2-DEOXY- see: LZ6650000

LZ6664000 D-GLUCOSE, 2-AMINO-2-DEOXY-
UPDT:8401 CAS: 3416-24-8 MW: 179.20 MOLFM: C6-H13-N-O5
SYN: 2-AMINO-2-DEOXY-D-GLUCOSE * CHITOSAMINE * GLUCOSAMINE * D-GLUCOSA-MINE
MUTATION DATA AND REFERENCES:
dni:hmn:lym 10 mmol/L CNREA8 42,2867,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

GLUCOSE, ANHYDROUS see: LZ6600000
D-GLUCOSE, ANHYDROUS see: LZ6600000
GLUCOSE mixed with l-ARGININE see: CF1935800
D-GLUCOSE, 2-(((2-CHLOROETHYL)NITROSOAMINO)CARBONYL)AMINO)-2-DEOXY- (9CI) see: LZ5758000
GLUCOSE mixed with CREATINE see: GO5290000
GLUCOSE, 2-DEOXY- see: MQ3325000
D-GLUCOSE, 2-DEOXY- see: MQ3325000

LZ7127000 GLUCOSE, 6-DEOXY-6-FLUORO-
UPDT:8401 MW: 182.17 MOLFM: C6-H11-F-O5
SYN: 6-DEOXY-6-FLUOROGLUCOSE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T23 orl-rat TDLo:120 mg/kg (1D male) CCPTAY 25,535,82
TOXICITY DATA AND REFERENCES:
1U01 orl-rat LDLo:240 mg/kg CCPTAY 25,535,82
1U01 orl-mus LDLo:480 mg/kg CCPTAY 25,535,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D-GLUCOSE, 4-O-beta-D-GALACTOPYRANOSYL- see: OD9625000
D-GLUCOSE, 4-O-alpha-D-GLUCOPYRANOSYL- see: OO5250000
GLUCOSE LIQUID see: LZ6600000
GLUCOSE mixed with l-LYSINE see: OL5625000

LZ7350000 alpha (and beta)-D-GLUCOSE, PENTACARBANILATE
UPDT:8310 CAS: 23732-01-6 MW: 775.83 MOLFM: C41-H37-N5-O11
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:256 mg/kg CBCCT* 2,301,50

LZ7350500 D-GLUCOSE, POLYESTER with SULFURIC ACID
UPDT:8408 MOLFM: (C6-H12-O6)n .xH2-O4-S
SYN: SULFURIC ACID, POLYESTER with D-GLUCOSE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:175 mg/kg JAPMA8 45,223,56

LZ7500000 GLUCOSE, 5-THIO-, D-
UPDT:8408 CAS: 20408-97-3 MW: 196.24 MOLFM: C6-H12-O5-S
SYN: alpha-D-GLUCOTHIOPYRANOSE * 5-THIO alpha-D-GLUCOPYRANOSE * 5-THIO-D-GLUCOSE
MUTATION DATA AND REFERENCES:
spm-mus-orl 1400 mg/kg/35D JCHEA8 70,325,79
spm-mus-ipr 840 mg/kg/21D-C JCHEA8 72,347,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:2800 mg/kg (56D male) BIREBV 17,697,77
1T23 orl-rat TDLo:1400 mg/kg (56D male) BIREBV 17,697,77
2T02T23 orl-mus TDLo:2450 mg/kg (49D male) CCPTAY 17,123,78
2T01T02 orl-mus TDLo:840 mg/kg (21D male) JRPFA4 45,69,75
1T01 ipr-grb TDLo:600 mg/kg (15D male) PPASAK 50,101,76
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:5500 mg/kg IOBPD3 8,589,82
* unk-mam LD50:14 gm/kg BIJOAK 130,919,72
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(alpha-D-GLUCOSIDO)-beta-D-FRUCTOFURANOSIDE see: WN6500000
4-(alpha-D-GLUCOSIDO)-D-GLUCOSE see: OO5250000

LZ7875000 1-D-GLUCOSIDURONIC ACID, (2'-AMINONAPHTHYL)-
UPDT:8401 CAS: 63976-07-8 MW: 335.34 MOLFM: C16-H17-N-O7
SYN: 2-AMINO-1-NAPHTHYLGLUCOSIDURONIC ACID * 2-NAPHTHYLAMINE 1-D-GLUCOSIDURONIC ACID
TUMORIGENIC DATA AND REFERENCES:
2V02M60 imp-mus TDLo:80 mg/kg BJCAAI 11,212,57
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLUCOSTIBAMINE SODIUM see: QP7050000
GLUCOSTIMIDINE SODIUM see: QP7050000
GLUCOSULFONE see: LZ8100000

LZ8100000 GLUCOSULFONE, DISODIUM SALT
UPDT:8403 CAS: 554-18-7 MW: 780.76 MOLFM: C24-H34-N2-O18-S2-2Na

BEST COPY AVAILABLE

SYN: ACEPROSOL * ANGELI'S SULFONE * ANGELI SULFONE * p,p'-DIAMINODIPHENYLSULFONE-N,N'-DI(DEXTROSE SODIUM SULFONATE) * DISODIUM p,p'-DIAMINODIPHENYLSULFONE-N,N'-DIGLUCOSE SULFONATE * D-GLUCITOL, 1,1'-(SULFONYLBIS(4,1-PHENYLENEIMINO))BIS(1-DEOXY-1-SULFO-, DISODIUM SALT (9CI) * GLUCOSULFONE * GLUCOSULFONE SODIUM * 501 P * PROMANIDE * PROMIN * PROMIN SODIUM * PROTOMIN * 501 SIEGFRIED * S. N. 166 * SODIUM GLUCOSULFONE * SOLFONE * SULFONA P * 1,1'-(SULFONYLBIS(4,1-PHENYLENEIMINO))BIS(1-DEOXY-1-SULFO-D-GLUCITOL) DISODIUM SALT * p,p'-SULFONYLDIANILINE N,N'-DIGLUCOSIDE DISODIUM DISULFONATE * p,p'-SULFONYLDIANILINE-N,N'-DI-D-GLUCOSE SODIUM BISULFITE * TASMIN

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:3930 ug/kg	NIIRDN 6,225,82
*	scu-mus LD50:6500 ug/kg	NIIRDN 6,225,82
*	ivn-mus LD50:5250 ug/kg	NIIRDN 6,225,82

GLUCOSULFONE SODIUM see: LZ8100000

LZ8225000 beta-D-GLUCOSYLAMINE, N-METHYL-N-NITROSO-

UPDT:8401 CAS: 31364-55-3 MW: 222.23 MOLFM: C7-H14-N2-O6

SYN: N-METHYL-N-NITROSO-beta-D-GLUCOSAMINE * N-METHYL-N-NITROSO-beta-D-GLUCOSYLAMIN (German) * N-METHYL-N-NITROSO-beta-D-GLUCOSYLAMINE

TUMORIGENIC DATA AND REFERENCES:

3V03K60L60	orl-rat TDLo:2500 mg/kg/25W-I	ZEKBAI 75,296,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-d-GLUCOSYL(2)-N'-NITROSOMETHYLHARNSTOFF (German) see: LZ5775000

N-D-GLUCOSYL-(2)-N'-NITROSOMETHYLUREA see: LZ5775000

beta-D-GLUCOSYLOXYAZOXYMETHANE see: LZ5950000

beta-D-GLUCOSYLOXYAZOXYMETHASE see: LZ5950000

(1-D-GLUCOSYLTHIO)GOLD see: MD6475000

alpha-D-GLUCOTHIOPYRANOSE see: LZ7500000

GLUCOXY see: LZ8930000

GLUCURON see: LZ8930000

GLUCURONE see: LZ8930000

GLUCURONIC ACID LACTONE see: LZ8930000

GLUCURONIC ACID gamma-LACTONE see: LZ8930000

LZ8930000 GLUCURONIC ACID, gamma-LACTONE, D-

UPDT:8309 CAS: 32449-92-6 MW: 176.14 MOLFM: C6-H8-O6

SYN: DICURONE * GLUCOXY * GLUCURON * GLUCURONE * GLUCURONIC ACID LACTONE * GLUCURONIC ACID gamma-LACTONE * D-GLUCURONIC ACID LACTONE * D-GLUCURONIC ACID, gamma-LACTONE (9CI) * GLUCURONOLACTONE * D-GLUCURONOLACTONE * GLUCURONOSAN * GLYCURONE * GURONSAN * REULATT S.S.

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:10700 mg/kg	NIIRDN 6,225,82
*	scu-rat LD50:4700 mg/kg	NIIRDN 6,225,82
*	ivn-rat LD50:3200 mg/kg	NIIRDN 6,225,82
*	ipr-mus LD50:5797 mg/kg	NIIRDN 6,225,82
*	scu-mus LD50:8210 mg/kg	NIIRDN 6,225,82
*	ivn-mus LD50:4586 mg/kg	NIIRDN 6,225,82
*	scu-dog LD50:4700 mg/kg	NIIRDN 6,225,82
*	ivn-dog LD50:940 mg/kg	NIIRDN 6,225,82
*	scu-cat LD50:4700 mg/kg	NIIRDN 6,225,82
*	scu-rbt LD50:4700 mg/kg	NIIRDN 6,225,82
*	ivn-rbt LD50:940 mg/kg	NIIRDN 6,225,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

D-GLUCURONIC ACID LACTONE see: LZ8930000

D-GLUCURONIC ACID, gamma-LACTONE (9CI) see: LZ8930000

O-GLUCURONIDE, N-HYDROXY-2-ACETYLAMINOFLUORENE see: AK9275000

GLUCURONOLACTONE see: LZ8930000

D-GLUCURONOLACTONE see: LZ8930000

D-GLUCURONOLACTONE ISONICOTINYL HYDRAZONE see: NS1752200 ISONICOTINIC ACID HYDRAZIDE,HYDRAZONE with D-GLUCURONIC ACID LACTONE

GLUCURONOSAN see: LZ8930000

GLUDIASE see: DB1290000

GLUEOPHOGE see: DU1790000

GLUKRESIN see: TZ1225000

GLUMAL see: BD1280000

GLU-P-1 see: JM5620000

GLU-P-2 see: JM5615000

GLUPAN see: TI4375000

GLUPAX see: AC8225000

(L-GLU(sup 1)-D-PHE(sup 2)-PRO(sup 3)-D-PHE(sup 6))-LHRH see: OK6498000

(L-GLU(sup 1)-D-PHE(sup 2)-PRO(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6498000

(L-GLU(sup 1)-D-PHE(sup 2)-PRO(sup 3)-D-TRP(sup 6))-LHRH see: OK6499000

(L-GLU(sup 1)-D-PHE(sup 2)-PRO(sup 3)-D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6499000

(D-p-GLU(sup 1)-D-PHE(sup 2),D-TRP(sup 3)-D-PHE(sup 6))-LHRH see: OK6502500

(D-GLU(sup 1),D-PHE(sup 2),D-TRP(sup 3),D-TRP(sup 6))-LHRH see: OK6500000

(D-pGLU(sup 1),D-PHE(sup 2),D-TRP(sup 3,6))-LHRH see: OK6500000

(D-pGLU(sup 1),D-PHE(sup 2),D-TRP(sup 3,6))-LRF see: OK6500000

(D-GLU(sup 1),D-PHE(sup 2),D-TRP(sup 3),D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6500000

(D-pGLU(sup 1),D-PHE(sup 2),D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6500000

(D-GLU(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6))-LHRH see: OK6502000

(D-GLU(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6502000

(L-GLU-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-TRP(sup 6))-LHRH see: OK6504000

GLURENORM SODIUM see: DB1584500

GLUSATE see: LZ9700000

GLUSIDE see: DE4200000

GLUTACID see: LZ9700000

LZ9450000 GLUTACONIC ACID, 3-HYDROXY-, DIMETHYL ESTER, DIMETHYL PHOSPHATE

UPDT:8403 CAS: 122-10-1 MW: 282.21 MOLFM: C9-H15-O8-P

SYN: BOMYL * DIMETHYL 1,3-BIS(CARBOMETHOXY)-1-PROPEN-2-YL PHOSPHATE * DIMETHYL-1,3-DICARBOMETHOXY)- 1-PROPEN-2-YL PHOSPHATE * DIMETHYL 3-(DIMETHOXYPHOSPHINYLOXY)GLUTACONATE * DIMETHYL 3-HYDROXYGLUTACONATE DIMETHYL PHOSPHATE * ENT 24,833 * FLY BAIT GRITS * GC 3707 * GENERAL CHEMICALS 3707 * 3-HYDROXYGLUTACONIC ACID, DIMETHYL ESTER, DIMETHYL PHOSPHATE * 3-HYDROXY-2-PENTANEDIOIC ACID, DIMETHYL ESTER, DIMETHYL PHOSPHATE * PHOSPHORIC ACID, DIMETHYL ESTER, ESTER WITH DIMETHYL 3-HYDROXYGLUTACONATE * SWAT

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:31 mg/kg	ARSIM* 20,6,66
	skn-rbt LDLo:20 mg/kg	BESAAT 12,161,66
	orl-ckn LD50:9 mg/kg	TXAPA9 11,49,67
	orl-bwd LD50:1 mg/kg	TXAPA9 21,315,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLUTACYL see: MA1575000

GLUTAMIC ACID see: LZ9700000

alpha-GLUTAMIC ACID see: LZ9700000

L-GLUTAMIC ACID see: LZ9700000

LZ9700000 GLUTAMIC ACID, L-

UPDT:8405 CAS: 56-86-0 MW: 147.13 MOLFM: C5-H9-N-O4

SYN: alpha-AMINOGLUTARIC ACID * L-2-AMINOGLUTARIC ACID * 2-AMINOPENTANEDIOIC ACID * 1-AMINOPROPANE-1,3-DICARBOXYLIC ACID * GLUSATE * GLUTACID * GLUTAMIC ACID * L-GLUTAMIC ACID * alpha-GLUTAMIC ACID * GLUTAMINIC ACID * D-GLUTAMIENSUUR * L-GLUTAMINIC ACID * GLUTAMINOL * GLUTATON

TOXICITY DATA AND REFERENCES:

1K13	ivn-hmn TDLo:117 mg/kg	AJMSA9 214,281,47

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LZ9800000 GLUTAMIC ACID, N-ACETYL-, compd. with 2-(DIMETHYLAMINO)ETHANOL (1:1), L-

UPDT:8403 CAS: 3342-61-8 MW: 278.33 MOLFM: C7-H11-N-O5 C4-H11-N-O

SYN: N-ACETYL-L-GLUTAMIC ACID compd. with 2-(DIMETHYLAMINO)ETHANOL (1:1) * CLEREGIL * DEANOL ACEGLUMATE * DEMANOL ACEGLUMATE * DIMETHYLAMINOETHANOL ACETYL-L-GLUTAMATE * 2-(D-METHYLAMINO)ETHANOL N-ACETYLGLUTAMATE * 2-(2-DIMETHYLAMINO)-ETHANOL HYDROGEN N-ACETYLGLUTAMATE * ETHANOL, 2-(DIMETHYLAMINO)-, N-ACETYL-L-GLUTAMATE (salt) 1:1) * OTRUN * RISATARUN

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:3100 mg/kg	IMSUAI 20,417,51

LZ9830000 GLUTAMIC ACID, N-ACETYL-, L-, compd. with L-LYSINE

UPDT:8306 CAS: 24577-75-1 MW: 335.41 MOLFM: C7-H11-N-O5 C6-H14-N2-O2

SYN: N-ACETYL GLUTAMATE de L-LYSINE (French) * L-N-ACETYLGLUTAMIC ACID compd. with L-LYSINE * L-LYSINE compd. with L-N-ACETYLGLUTAMIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:16100 mg/kg	APFRAD 31,421,73

L-GLUTAMIC ACID, N-(4-((1-(2-AMINO-1,4-DIHYDRO-4-OXO-6-PTERIDINYL)ETHYL)AMINO)BENZOYL)- see: MA0602000

MA0600000 GLUTAMIC ACID, N-(4-((2-AMINO-3,4-DIHYDRO-4-OXO-6-PTERIDINYL)METHYL)AMINO)BENZOYL- N-NITROSO-, L-

UPDT:8401 CAS: 63938-11-4 MW: 470.45 MOLFM: C19-H18-N8-O7

SYN: N-(p-((2-AMINO-4-OXO-6-PTERIDINYL)METHYL)-N-NITROSOAMINO)BENZOYL)-L-GLUTAMIC ACID * GLUTAMIC ACID, N-(p-(2-AMINO-4-OXO-6-PTERIDINYL)METHYL)-N-(NITROSOAMINO)BENZOYL-, L- * N(sup 10)-NITROSOFOLIC ACID * N-NITROSO-N-PTEROYL-L-GLUTAMIC ACID

MUTATION DATA AND REFERENCES:

	mma-sat 100 ug/plate	BJCAAI 37,873,78
	otr-ham:kdy 80 ug/L	BJCAAI 37,873,78

TUMORIGENIC DATA AND REFERENCES:

2V02L60	ipr-mus TDLo:375 mg/kg/7D-I	CNREA8 35,1981,75

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:327 mg/kg	CNREA8 35,1981,75

REVIEW AND REFERENCES:

★	CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 17,217,78
★	CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 17,217,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA0602000 GLUTAMIC ACID, N-(p-((1-(2-AMINO-4-HYDROXY-6-PTERIDINYL)ETHYL)AMINO)BENZOYL)- L-

UPDT:8405 CAS: 2179-16-0 MW: 455.48 MOLFM: C20-H21-N7-O6

SYN: BREMFOL * L-GLUTAMIC ACID, N-(4-((1-(2-AMINO-1,4-DIHYDRO-4-OXO-6-PTERIDINYL)ETHYL)AMINO)BENZOYL)- * 9-ME-PGA * 9-METHYL-PGA * 9-METHYL PTEROYLGLUTAMIC ACID * NINOPTERIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T59	orl-rat TDLo:20 mg/kg (10-12D preg)	TJADAB 1,375,68
1T39	orl-rat TDLo:405 mg/kg (11-14D preg)	BNEOBV 41,52,82
1T46	orl-rat TDLo:400 mg/kg (11-14D preg)	JEEMAF 41,289,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLUTAMIC ACID, N-(p-(((2-AMINO-4-HYDROXY-6-PTERIDINYL)METHYL)AMINO)BENZOYL)-, L- see: LP5425000

GLUTAMIC ACID, N-(p-(((2-AMINO-4-HYDROXYPYRIMIDO(4,5-b)PYRAZIN-6-YL)METHYL)AMINO)BENZOYL)-,L-, see: LP5425000

GLUTAMIC ACID, N-(p-(2-AMINO-4-OXO-6-PTERIDINYL)METHYL)-N-(NITROSOAMINO)BENZOYL-, L- see: MA0600000

GLUTAMIC ACID compd. with L-ARGININE see: CF1936000

MA0860000 GLUTAMIC ACID, N-BENZOYL-, 1-BENZYL ESTER, DL-

UPDT:8412 CAS: 6480-94-2 MW: 341.39 MOLFM: C19-H19-N-O5

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:770 mg/kg	MIMEAO 58,3653,67

MA0870000 GLUTAMIC ACID, N-BENZOYL-, 5-BENZYL ESTER, L-

UPDT:8412 CAS: 6480-95-3 MW: 341.39 MOLFM: C19-H19-N-O5

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:770 mg/kg	MIMEAO 58,3653,67

MA0957000 GLUTAMIC ACID, N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-, DIMETHYL ESTER, L-

UPDT:8303 CAS: 52320-85-1 MW: 309.74 MOLFM: C10-H16-Cl-N3-O6

SYN: L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)GLUTAMIC ACID DIMETHYL ESTER * DIESTER METHYLIQUE de L'ACIDE N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-GLUTAMIQUE (French) * GLU CNU * ICIG 1736

TOXICITY DATA AND REFERENCES:

*	unk-mus LD50:10 mg/kg	EJMCA5 17,257,82

MA1030000 GLUTAMIC ACID, N-(p-(2-(2,4-DIAMINO-6-PTERIDINYL)ETHYL)BENZOYL)-, SODIUM SALT

UPDT:8405 MW: 600.41 MOLFM: C20-H21-N7-O5 xNa

SYN: 10-DEAZA-AMINOPTERIN SODIUM * N-(p-(2-(2,4-DIAMINO-6-PTERIDINYL)ETHYL)BENZOYL)GLUTAMIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:

*	unk-mus LD50:736 mg/kg	CTRRDO 66,351,82

MA1050000 GLUTAMIC ACID, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)BENZOYL)-, L-

UPDT:8408 CAS: 54-62-6 MW: 440.42 MOLFM: C19-H20-N8-O5

SYN: 4-AMINO-4-DEOXYPTEROYLGLUTAMATE * 4-AMINOFOLIC ACID * 4-AMINO PGA * AMINOPTERIDINE * AMINOPTERIN * 4-AMINOPTEROYLGLUTAMIC ACID * A-HINOPTERIN * APGA * N-(4-((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)BENZOYL)-L-GLUTAMIC ACID * ENT-26079 * FOLIC ACID, 4-AMINO- * HSC 739

MUTATION DATA AND REFERENCES:

	pic-esc 100 mg/L	APMBAY 12,234,64
	spm-mus-ipr 2 mg/kg/5D	PNASA6 72,4425,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T42T43T46	orl-wmn TDLo:240 ug/kg (55-66D preg)	AMDCA5 97,274,59
3T41T43T46	orl-wmn TDLo:580 ug/kg (6-8W preg)	AJOGAH 84,356,62
3T43T46T74	orl-wmn TDLo:2880 ug/kg (56-67D preg)	AJDCAI 97,274,59
2T41T59	orl-wmn TDLo:165 ug/kg (40-44D preg)	AJOGAH 63,1298,52
1T43	orl-wmn TDLo:188 ug/kg (54-55D preg)	AJOGAH 63,1298,52
1T27	orl-wmn TDLo:151 ug/kg (35-36D preg)	AJOGAH 63,1298,52
1T41	orl-wmn TDLo:240 ug/kg (1-30D preg)	ACEDAB 28,37,56
1T27	unk-wmn TDLo:240 ug/kg (53-55D preg)	AJOGAH 83,1474,62
1T34	orl-rat TDLo:15 ug/kg (1-3D preg)	ACVIA9 8,73,54
1T35	orl-rat TDLo:150 ug/kg (9-11D preg)	SEIJBO 5,196,65
2T34T35	ipr-rat TDLo:112 ug/kg (6D preg)	BEXBAN 61,77,66
1T25	ipr-rat TDLo:75 ug/kg (10D preg)	JONUAI 94,288,64

BEST COPY AVAILABLE

1T46 ipr-rat TDLo:200 ug/kg (11D preg) CANCAR 9,955,56
1T55 ipr-rat TDLo:150 ug/kg (10D preg) JONUAI 84,288,64
1T59 ipr-rat TDLo:150 ug/kg (6D preg) BEXBAN 61,77,66
1T01 scu-rat TDLo:280 ug/kg (28D male) FESTAS 28,1356,77
3T35T41T42 par-rat TDLo:75 ug/kg (6D preg) BEXBAN 61,77,66
2T43T45 par-rat TDLo:75 ug/kg (6D preg) BEXBAN 61,77,66
1T34 par-rat TDLo:50 ug/kg (6D preg) BEXBAN 61,77,66
1T25 par-rat TDLo:200 ug/kg (10D preg) FEPRA7 23,292,64
1T22 ipr-mus TDLo:3 mg/kg (1D preg) JRPFA4 19,519,69
1T34 ipr-mus TDLo:2 mg/kg (14D preg) JRPFA4 19,519,69
1T72 ipr-mus TDLo:20 mg/kg (11D preg) JTEHD6 10,541,82
2T45T46 orl-dog TDLo:2500 ug/kg (18-27D preg) 28QFAD -,233,73
1T81 orl-dog TDLo:500 ug/kg (18-27D preg) 28QFAD -,233,73
1T27 orl-dog TDLo:500 ug/kg (16-25D preg) 28QFAD -,233,73
1T25 orl-dog TDLo:300 ug/kg (20-22D preg) 28QFAD -,233,73
2T43T46 orl-pig TDLo:1100 ug/kg (12-33D preg) 28QFAD -,233,73

TUMORIGENIC DATA AND REFERENCES:
2V03P61 ims-rat TDLo:1200 ug/kg/17W-C AMUK** 38,248,62

TOXICITY DATA AND REFERENCES:
3F14K30R21 orl-wmn TDLo:120 ug/kg AJOGAH 63,1298,52
orl-rat LDLo:2500 ug/kg JPETAB 95,303,49
* ipr-rat LD50:3 mg/kg CANCAR 9,955,56
ipr-mus LD50:1900 ug/kg JPETAB 95,303,49

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; BCSTBS 2(4),695,74; PLMJAP 6(1),160,75; JAMAAP 172,1765,60; 32XPAD -,49,75; JOGBAS 75,307,68; ARVPAX 5,447,65; ADVPA3 4,263,66; ATXKA8 28,135,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA1050200 GLUTAMIC ACID, N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)BENZOYL)GLYCYL)-, L-
UPDT:8308 MW: 497.33 MOLFM: C21-H23-N9-O6
SYN: 6-AB-GLY-L-GLU * N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)BENZOYL)GLYCYL)-L-GLUTAMIC ACID

TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:388 mg/kg NEOLA4 29,43,82

MA1100000 GLUTAMIC ACID, N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)-2-METHOXYBENZOYL)-, L-
UPDT:8308 MW: 470.50 MOLFM: C20-H22-N8-O6
SYN: N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)-3-METHOXYBENZOYL)-L-GLUTAMIC ACID

TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:38 mg/kg NEOLA4 29,43,82

MA1120000 GLUTAMIC ACID, N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)-3-METHOXYBENZOYL)-, L-
UPDT:8308 MW: 470.50 MOLFM: C20-H22-N8-O6
SYN: N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)-3-METHOXYBENZOYL)-L-GLUTAMIC ACID

TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:235 mg/kg NEOLA4 29,43,82

MA1224000 GLUTAMIC ACID, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, D-
UPDT:8308 CAS: 51865-79-3 MW: 454.50 MOLFM: C20-H22-N8-O5
SYN: N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-D-GLUTAMIC ACID * D-METHOTREXATE * 6-MTX (D)

TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:18 mg/kg NEOLA4 29,43,82

MA1224100 GLUTAMIC ACID, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, DL-
UPDT:8310 MW: 454.50 MOLFM: C20-H22-N8-O5
SYN: N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-DL-GLUTAMIC ACID * DL-METHOTREXATE * 6-MTX (DL)

TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:32 mg/kg NEOLA4 29,43,82

MA1224200 GLUTAMIC ACID, N-(p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, D-
UPDT:8308 MW: 454.50 MOLFM: C20-H22-N8-O5
SYN: N-(p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-D-GLUTAMIC ACID * p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL-N(sup 10)-METHYL)AMINO)BENZOYL D-GLUTAMIC ACID * 7-MTX (D)

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:482 mg/kg NEOLA4 29,43,82

MA1224600 GLUTAMIC ACID, N-(p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, DL-
UPDT:8308 MW: 454.50 MOLFM: C20-H22-N8-O5
SYN: N-(p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-DL-GLUTAMIC ACID * 7-MTX (DL)

TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:473 mg/kg NEOLA4 29,43,82

MA1225000 GLUTAMIC ACID, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, L-
UPDT:8412 CAS: 59-05-2 MW: 454.50 MOLFM: C20-H22-N8-O5
SYN: AMETHOPTERIN * AMETHOPTERINE * 4-AMINO-4-DEOXY-N(sup 10)-METHYLPTEROYLGLUTAMATE * 4-AMINO-4-DEOXY-N(sup 10)-METHYLPTEROYLGLUTAMIC ACID * 4-AMINO-10-METHYLFOLIC ACID * 4-AMINO-N(sup 10)-METHYLPTEROYLGLUTAMIC ACID * N-BISMETHYLPTEROYLGLUTAMIC ACID * CL-14377 * N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-L-(+)-GLUTAMIC ACID * N-(p-(2,4-DIAMINO-6-PTERIDYL)METHYL)METHYLAMINO)BENZOYL)GLUTAMIC ACID * EMT 25299 * EMTEXATE * HDMTX * METHOPTERIN * METHOTEXTRATE * METHOTREXATE * METHYLAMINOPTERIN * MTX * NCI-C04671 * NSC-740

IRRITATION DATA AND REFERENCES:
eye-hmn 150 mg/kg nse CANCAR 48,2158,81

MUTATION DATA AND REFERENCES:
mma-sat 10 uL/plate ANYAA9 76,475,58
mma-sat 200 ug/plate BIZNAT 97,137,78
mma-esc 1 mg/disc APMBAY 6,23,58
mma-bcs 1 gm/L MURFAV 95,191,82
mma-omi 5 ug/plate AMACCQ ;?*4,77
mma-omi 1600 umol/L MGGEAE 126,*,*3
sln-nsc 32 mg/L EVHPAZ 31,75
mma-smc 13 umol/L ADVEA4 53,465,/
mrc-smc 15000 ppm JJIND8 62,901,79
dni-hmn:oth 10 nmol/L CNREAB 39,1952,79
dni-hmn:oth 1 nmol/L CNREAB 39,1952,79
dns-hmn:hla 18300 nmol/L BCPCA6 14,205,e5
dni-hmn:oth 1 mg/L JIDEAE 68,66,77
dni-hmn-idr 2500 mg/L ARDEAC 104,236,71
dni-hmn-ims 360 ug/kg ARDEAC 104,236,71
dni-hmn:lym 1 umol/L EJBCAI 57,379,75
oms-hmn:lym 500 nmol/L CNREAB 34,1883,74
oms-hmn:oth 1 mg/L JIDEAE 68,66,77
oms-hmn:oth 10 mg/L CNREAB 32,2661,72
cyt-hmn-ims 357 ug/kg AMSVAZ 182,445,67
cyt-v mn-ivn 1 mg/kg GEFRA2 35,538,75
cyt-hmn:leu 1 mg/L/24H ARDEAC 100,269,69
cyt-hmn:lym 100 nmol/L MUREAV 139,67,84
mma-mus:lym 1600 ug/L/4H MUREAV 59,61,79
otr-mus:emb 100 mg/L CNREAB 37,2202,77
dni-mus-ipr 2000 mg/kg CNREAB 44,2278,84
dni-mus:lym 50 ug/L ARZNAD 25,378,75
dni-mus:oth 100 ug/L CNREAB 37,2998,77
dni-mus-scu 12 mg/kg CNREAB 40,1230,80
dni-mus:leu 1 umol/L BCPCA6 25,1943,76
oms-mus:lym 1 umol/L CNREAB 35,1427,75
cyt-mus:ast 25 mg/kg MUREAV 14,405,72
cyt-mus-ipr 50 mg/kg MUREAV 22,175,74
dlt-mus-ipr 200 mg/kg MGGEAE 117,197,72
msc-mus:lym 150 ug/L/2H MUREAV 59,61,79
hma-mus/srm 600 mg/kg/2H MGGEAE 117,197,72
mnt-ham-ipr 10 mg/kg/24H MUREAV 40,325,76
dni-ham:ovr 10 mg/L JCLBA3 59,224a,73
cyt-ham:emb 100 mg/L CNREAB 37,2202,77
cyt-ham:ovr 5 mg/L ENMUDM 2,455,80
sce-ham:fbr 100 ug/L CNREAB 39,797,79
msc-ham:fbr 1 mg/L/24H MUREAV 40,325,76
dni-mam:oth 1 mmol/L MUREAV 120,139,83
cyt-mam:oth 1 mmol/L MUREAV 120,139,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T46 orl-wmn TDLo:250 ug/kg (9W preg) JOPDAB 72,790,68
1T34 ipr-rat TDLo:200 ug/kg (9D preg) TJADAB 16,127,77
1T27 ipr-rat TDLo:5 mg/kg (14-18D preg) TXCYAC 4,65,75
2T25T59 ipr-rat TDLo:200 ug/kg (9D preg) TJADAB 15,73,77
2T34T35 ipr-rat TDLo:300 ug/kg (9D preg) TJADAB 28,36A,83
1T25 ivn-rat TDLo:300 ug/kg (11D preg) TJADAB 19,71,79
1T35 unk-rat TDLo:500 ug/kg (9D preg) ANREAK 166,398,70
1T11 ipr-mus TDLo:200 mg/kg (1D pre) TJADAB 24,321,81
1T25 ipr-mus TDLo:10 mg/kg (11D preg) TJADAB 9,159,74
2T46T43 ipr-mus TDLo:25 mg/kg (11D preg) TJADAB 9,159,74
1T01 ipr-mus TDLo:260 mg/kg (1D male) CNREAB 42,122,82
2T25T59 ipr-mus TDLo:24 mg/kg (7D preg) POASAD 56,10,76
1T33 ipr-mus TDLo:50 mg/kg (13D preg) TJADAB 28,42A,83
1T35 ivn-dog TDLo:1 mg/kg (20-24D preg) JZKEDZ 6,37,80
1T45 orl-cat TDLo:2 mg/kg (11-14D preg) TJADAB 14,21,76
1T27 orl-cat TDLo:2 mg/kg (17-20D preg) TJADAB 14,21,76
3T41T42T43 ivn-rbt TDLo:600 ug/kg (10D preg) TJADAB 15,73,77
1T46 ivn-rbt TDLo:600 ug/kg (10D preg) TJADAB 15,73,77
1T23 ivn-rbt TDLo:9600 ug/kg (10D preg) TJADAB 15,73,77
1T35 ivn-rbt TDLo:9600 ug/kg (10D preg) TJADAB 3,197,70

TUMORIGENIC DATA AND REFERENCES:
2V01P61 orl-man TDLo:7 mg/kg/12W-C ONCOBS 40,268,83
2V01D09 orl-mus TDLo:51 mg/kg/4Y-C ARDEAC 103,505,71
3V03N61P62 orl-ham TDLo:210 mg/kg/50W-C TXAPA9 26,329,73
3V03J60P62 orl-mus TD :139 mg/kg/55W-C TXAPA9 26,329,73
3V03J60L60 orl-mus TD :55 mg/kg/78W-C DEGEA3 26,219,71
3V01P62R60 orl-man TD :74 mg/kg/48W-I ARDEAC 103,501,71
2V01P61 orl-man TD :8260 ug/kg/44W-I SJHAAQ 24,234,80

TOXICITY DATA AND REFERENCES:
2L14L30 orl-hmn TDLo:43 mg/kg/5Y ARDEAC 100,523,69
3J21J22U25 orl-chd TDLo:2 mg/kg/12D JAMAAP 209,1861,69
1K30 ivn-man TDLo:740 mg/kg AIMDAP 136,1321,76
3P17P30Y55 ivn-chd TDLo:100 mg/kg/4H CANCAR 33,1151,74
2L03L14 ivn-hmn TDLo:4650 ug/kg/4W-I PAACA3 5,26,64
1L04 ims-hmn TDLo:200 mg/kg/5Y ARDEAC 100,531,69
3A02J12J22 par-wmn TDLo:2600 ug/kg CANCAR 38,1529,76
1D35 unk-wmn TDLo:150 mg/kg CANCAR 48,2158,81
2K30P26 unk-man TDLo:410 ug/kg CNCRA6 50,219,66
* isp-wmn LDLo:36 mg/kg/15D NEJMAG 289,770,73
* orl-rat LD50:135 mg/kg NIIRDN 6,841,82
* ipr-rat LD50:6 mg/kg NIIRDN 6,841,82
ivn-rat LD50:14 mg/kg ARZNAD 20,1467,70
3H02J22J24 ims-hmn TDLo:35 mg/kg/28W BMJOAE 2,156,70
unk-rat LD10:580 ug/kg CNCRA6 50,219,66
* orl-mus LD50:146 mg/kg NIIRDN 6,841,82
* ipr-mus LD50:50 mg/kg ANREAK 178,465,74
* ivn-mus LD50:65 mg/kg NIIRDN 6,841,82
unk-mus LD10:3200 ug/kg CNCRA6 50,219,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW; NEJMAG 291(2),75,74; PLMJAP 6(1),160,75; MIMDAL 57(1),19,74; JAMAAP 172,1765,60; TPORA7 27,636,72; CRTXB2 2,159,73; MJAUAJ 2,1076,71; MEDIAV 55,371,76
★ CARCINOGENIC REVIEW,ANIMAL INDEFINITE IARC** 26,267,81
★ CARCINOGENIC REVIEW,HUMAN INDEFINITE IARC** 26,267,81

STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (RRCRBU 52,1,75)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA1227000 GLUTAMIC ACID, N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-DL-ALANYL)-, L-
UPDT:8308 MW: 525.59 MOLFM: C23-H27-N9-O6
SYN: N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-DL-ALANYL)-L-GLUTAMIC ACID * 6-MAB-DL-ALA-L-GLU

TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:468 mg/kg NEOLA4 29,43,82

MA1232000 GLUTAMIC ACID, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, DISODIUM SALT, L-(+)-
UPDT:8401 CAS: 7413-34-5 MW: 500.48 MOLFM: C20-H22-N8-O5-2Na
SYN: AMETHOPTERIN SODIUM * 4-AMINO-N(sup 10)-METHYLPTEROYLGLUTAMIC ACID DISODIUM SALT * DISODIUM METHOTREXATE * METHOTREXATE DISODIUM SALT * MTX DISODIUM * SODIUM METHOTREXATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T23 ipr-mus TDLo:120 mg/kg (60D male) JNCIAM 58,735,77

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:284 mg/kg JNCIAM 58,735,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA1234000 GLUTAMIC ACID, N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)GLYCYL)-, L-
UPDT:8309 MW: 511.56 MOLFM: C22-H25-N9-O6
SYN: N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)GLYCYL)-L-GLUTAMIC ACID * 6-MAB-GLY-L-GLU

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:777 mg/kg NEOLA4 29,43,82

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

MA1236000 GLUTAMIC ACID, N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAINO)BENZOYL)-L-LEUCYL)-, L-**
UPDT:8308 MW: 567.68 MOLFM: C26-H33-N9-O6
SYN: N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-L-LEUCYL)-L-GLUTAMIC ACID * 6-MAB-L-LEU-L-GLU
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:499 mg/kg NEOLA4 29,43,82

MA1237000 GLUTAMIC ACID, N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-3-PHENYL-L- ALANYL)-, L-
UPDT:8308 MW: 601.69 MOLFM: C29-H31-N9-O6
SYN: 6-MAB-L-PHE-L-GLU
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:487 mg/kg NEOLA4 29,43,82

MA1239000 GLUTAMIC ACID, N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)SARCOSYL)-, L-
UPDT:8308 MW: 525.59 MOLFM: C23-H27-N9-O6
SYN: N-(N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)SARCOSYL)-L-GLUTAMIC ACID * 6-MAB-SARC-L-GLU
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:935 mg/kg NEOLA4 29,43,82

MA1240000 GLUTAMIC ACID, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, SODIUM SALT
UPDT:8405 MW: 476.48 MOLFM: C20-H21-N8-O5-Na
SYN: METHOTREXATE SODIUM * MTX SODIUM
MUTATION DATA AND REFERENCES:
cyt-hmn-lym 100 nmol/L HEREAY 96,317,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2125T34 ipr-rat TDLo:200 ug/kg (9D preg) TJADAB 17,37,78
3T26T34T33 ivn-rbt TDLo:19200 ug/kg (12D preg) TJADAB 15,199,77
3T41T43T46 ivn-rbt TDLo:19200 ug/kg (12D preg) TJADAB 15,199,77
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:380 mg/kg CTRRDO 66,351,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA1243000 GLUTAMIC ACID, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)BENZOYL)-, and SULFANILAMIDE
UPDT:8303 MW: 612.69 MOLFM: C19-H21-N8-O5-C6-H8-N2-O2-S
SYN: AMINOPTERIN and SULFANILAMIDE * SULFANILAMIDE and AMINOPTERIN
MUTATION DATA AND REFERENCES:
mrc-smc 5100 mg/L MUREAV 93,353,82
dnd-smc 5100 mg/L MUREAV 93,353,82

MA1245000 GLUTAMIC ACID, N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)-2-METHOXYBENZOYL)-, L-
UPDT:8308 MW: 484.53 MOLFM: C21-H24-N8-O6
SYN: N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)-2-METHOXYBENZOYL)-L-GLUTAMIC ACID
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:2161 mg/kg NEOLA4 29,43,82

MA1246000 GLUTAMIC ACID, N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)-3-METHOXYBENZOYL)-, L-
UPDT:8308 MW: 484.53 MOLFM: C21-H24-N8-O6
SYN: N-(4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)-3-METHOXYBENZOYL)-L-GLUTAMIC ACID
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:368 mg/kg NEOLA4 29,43,82

MA1246100 GLUTAMIC ACID, N-(p-(2-(2,4-DIAMINOPYRIDO(3,2-d)PYRIMIDIN-6-YL)ETHYL)BENZOYL)-
UPDT:8406 CAS: 85345-35-3 MW: 436.47 MOLFM: C21-H20-N6-O5
SYN: N-(p-(2-(2,4-DIAMINOPYRIDO(3,2-d)PYRIMIDIN-6-YL)ETHYL)BENZOYL)GLUTAMIC ACID
TOXICITY DATA AND REFERENCES:
1V30 scu-mus LD10:750 ug/kg JMCMAR 27,376,84

MA1246200 GLUTAMIC ACID, N-(p-(1-(2,4-DIAMINOPYRIDO(3,2-d)PYRIMIDIN-6-YLMETHYL)BUTYL)BENZOYL)-, SESQUIHYDRATE
UPDT:8406 CAS: 88393-06-0 MW: 507.55 MOLFM: C24-H28-N6-O5 · 3/2H2-O
TOXICITY DATA AND REFERENCES:
1V30 scu-mus LD10:6 mg/kg JMCMAR 27,376,84

MA1246300 GLUTAMIC ACID, N-(p-(2-(2,4-DIAMINOPYRIDO(3,2-d)PYRIMIDIN-6-YL)-1-METHYLETHYL)BENZOYL)-, SESQUIHYDRATE
UPDT:8406 CAS: 85345-35-3 MW: 477.84 MOLFM: C22-H22-N6-O5 · 3/2H2-O
TOXICITY DATA AND REFERENCES:
1V30 scu-mus LD10:600 ug/kg JMCMAR 27,376,84

MA1246400 GLUTAMIC ACID, N-(p-(1-(2,4-DIAMINOPYRIDO(3,2-d)PYRIMIDIN-6-YLMETHYL)PROPYL)BENZOYL)-, HYDRATE
UPDT:8406 CAS: 88393-05-9 MW: 482.55 MOLFM: C23-H24-N6-O5 · H2-O
SYN: N-(p-(2-(2,4-DIAMINOPYRIDO(3,2-d)PYRIMIDIN-6-YLMETHYL)PROPYL)BENZOYL)GLUTAMIC ACID HYDRATE
TOXICITY DATA AND REFERENCES:
1V30 scu-mus LD10:1500 ug/kg JMCMAR 27,376,84

MA1247000 GLUTAMIC ACID, N-(p-(((2,4-DIAMINO-7H-PYRIMIDO(4,5-b)(1,4)THIAZIN-6-YL)METHYL)METHYLAMINO) BENZOYL)-, L-
UPDT:8308 MW: 473.56 MOLFM: C20-H23-N7-O5-S
SYN: 6-MTX-85
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:450 mg/kg NEOLA4 29,43,82

MA1247500 GLUTAMIC ACID, N-(p-(((2,4-DIAMINO-6-QUINAZOLINYL)METHYL)AMINO)BENZOYL)-, L-
UPDT:8312 CAS: 18921-68-1 MW: 438.49 MOLFM: C21-H22-N6-O5
SYN: CB 3702 * DEAZAAMINOPTERIN * DEAZAMINOPTERIN * L-N-(p-(((2,4-DIAMINO-6-QUINAZOLINYL)METHYL)AMINO)BENZOYL)GLUTAMIC ACID * NCS 529860
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:65 mg/kg GWXXBX #2709506
1V30 scu-mus LD50:65 mg/kg GWXXBX #2709506

MA1250000 GLUTAMIC ACID, N-(3,5-DICHLORO-4-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-
UPDT:8412 CAS: 528-74-5 MW: 523.38 MOLFM: C20-H20-Cl2-N8-O5
SYN: AMETHOPTERIN 3',5'-DICHLORO- * 3',5'-DICHLORO-4-AMINO-4-DEOXY-N(10)-METHYLPTEROGLUTAMIC ACID * N-(3,5-DICHLORO-4-((2,4-DIAMINO-6-PTERIDINYLMETHYL)METHYLAMINO)BENZOYL)GLUTAMIC ACID * DICHLOROMETHOTREXATE * 3',5'-DICHLOROMETHOTREXATE * METHOTREXATE, DICHLORO- * NCI-C04875 * NSC 29630
TUMORIGENIC DATA AND REFERENCES:
3V03N60N61 ipr-rat TDLo:75 mg/kg/7W-I CANCAR 40(Suppl 4),1935,77
3V03J60N61 ipr-mus TDLo:5850 mg/kg/26W-I CANCAR 40(Suppl 4),1935,77
TOXICITY DATA AND REFERENCES:
3F13F18F19 ivn-mus LD50:1021 mg/kg NTIS** PB82-172644
STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (CANCAR 40(Suppl 4),1935,77)
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS NEGATIVE:MOUSE (CANCAR 40(Suppl 4),1935,77)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA1255000 GLUTAMIC ACID, N-(2,5-DIIODOBENZOYL)-
UPDT:8405 MW: 503.04 MOLFM: C12-H11-I2-N-O5
SYN: N-(2,5-DIIODOBENZOYL)GLUTAMIC ACID
TOXICITY DATA AND REFERENCES:
* unk-rat LDLo:2600 mg/kg JAPMAB 42,721,53

MA1265000 GLUTAMIC ACID, N-(DITHIOCARBOXY)-, L-, TRISODIUM SALT
UPDT:8407 CAS: 75808-54-7 MW: 289.22 MOLFM: C6-H6-N-O4-S2 · 3Na
SYN: L-N-(DITHIOCARBOXY)GLUTAMIC ACID TRISODIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1006 mg/kg PRLFAG 32(2),55,80

MA1267000 GLUTAMIC ACID, N-(DITHIOCARBOXY)-, L-, ZINC SALT, HYDRATE (2:3:2)
UPDT:8408 CAS: 66447-33-4 MW: 321.66 MOLFM: C6-H6-N-O4-S2-Zn · 2H2-O
SYN: L-N-(DITHIOCARBOXY)GLUTAMIC ACID ZINC SALT HYDRATE (2:3:2)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg PRLFAG 32(2),55,80
L-GLUTAMIC ACID, HOMOPOLYMER (9CI) see: MA1700000
L-GLUTAMIC ACID, 5-(2-(4-(HYDROXYMETHYL)PHENYL)HYDRAZIDE) (9CI) see: MA1284000

MA1284000 GLUTAMIC ACID, "-(2-(alpha-HYDROXY-p-TOLYL)HYDRAZIDE), L-
CAS: 2757-90-6 MW: 267.32 MOLFM: C12-H17-N3-O4
SYN: AGARITINE * L-GLUTAMIC ACID, 5-(2-(4-(HYDROXYMETHYL)PHENYL)HYDRAZIDE) (9CI) * L-GLUTAMIC ACID, 5-(2-(alpha-HYDROXY-para-TOLYL)HYDRAZIDE) * beta-N-(gamma-(L-)GLUTAMYL)-4-HYDROXYMETHYLPHENYLHYDRAZINE * NCI-C08899
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW,ANIMAL SUSPECTED IARC** 31,63,83
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
L-GLUTAMIC ACID, 5-(2-(alpha-HYDROXY-para-TOLYL)HYDRAZIDE) see: MA1284000

MA1289900 GLUTAMIC ACID, N-(o-IODOBENZOYL)-
UPDT:8405 MW: 377.15 MOLFM: C12-H12-I-N-O5
SYN: N-(o-IODOBENZOYL)GLUTAMIC ACID
TOXICITY DATA AND REFERENCES:
* unk-rat LDLo:2000 mg/kg JAPMA8 42,721,53

MA1290000 GLUTAMIC ACID, N-(p-IODOBENZOYL)-
UPDT:8309 MW: 377.15 MOLFM: C12-H12-I-N-O5
SYN: p-IODOBENZOYLGLUTAMIC ACID * N-(p-IODOBENZOYL)GLUTAMIC ACID
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD FCTOD7 20,573,82
eye-rbt 100 mg/4S rns MLD FCTOD7 20,573,82

MA1300000 GLUTAMIC ACID, IRON (2+) SALT (1:1)
UPDT:8401 CAS: 2896-87-9 MW: 203.00 MOLFM: C5-H9-Fe-N-O4
SYN: FERROUS GLUTAMATE
TUMORIGENIC DATA AND REFERENCES:
3V03P62V10 scu-mus TDLo:2600 mg/kg/1 BECCAN 40,30,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA1360000 GLUTAMIC ACID, N-(p-METHYLAMINO)BENZOYL)-, SODIUM SALT
UPDT:8311 MW: 303.30 MOLFM: C13-H15-N2-O5-Na
SYN: N-(4-METHYLAMINO)BENZOYLGLUTAMIC ACID SODIUM SALT
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD FCTOD7 20,563,82
eye-rbt 100 mg MLD FCTOD7 20,573,82
eye-rbt 100 mg/30S rns MLD FCTOD7 20,573,82

MA1430000 GLUTAMIC ACID, MONOPOTASSIUM SALT, L-
UPDT:8306 CAS: 19473-49-5 MW: 185.24 MOLFM: C5-H8-N-O4-K
SYN: L-GLUTAMIC ACID, MONOPOTASSIUM SALT * MONOPOTASSIUM GLUTAMATE * MPG * POTASSIUM GLUTAMATE * POTASSIUM GLUTAMINATE
TOXICITY DATA AND REFERENCES:
2U08U30 orl-mus LD50:4500 mg/kg FATOAO 42,274,79
unk-mam LD50:4500 mg/kg RPTOAN 42,115,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
L-GLUTAMIC ACID, MONOPOTASSIUM SALT see: MA1430000

MA1575000 GLUTAMIC ACID, MONOSODIUM SALT, L-(+)-
UPDT:8408 CAS: 142-47-2 MW: 170.14 MOLFM: C5-H9-N-O4-Na
SYN: ACCENT * AJINOMOTO * CHINESE SEASONING * GLUTACYL * GLUTAMIC ACID, SODIUM SALT * GLUTAMMATO MONOSODICO (Italian) * GLUTAVENE * MONOSODIOGLUTAMMATO (Italian) * MONOSODIUM GLUTAMATE * MONOSODIUM L-GLUTAMATE * alpha-MONOSODIUM GLUTAMATE * MSG * NATRIUMGLUTAMINAT (German) * RL-50 * SODIUM GLUTAMATE * SODIUM L-GLUTAMATE * (L-+) SODIUM GLUTAMATE * VETSIN * ZEST
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T51T63 orl-rat TDLo:1315 gm/kg (MGN) EXPEAM 28,260,72
1T85 orl-rat TDLo:48 gm/kg (14D pre-21D post) TXAPA9 50,267,79
1T33 orl-rat TDLo:19500 mg/kg (MGN) QUNUAZ 31,85,71
3T12T13T14 scu-rat TDLo:40 gm/kg (10D pre) TOLED5 4,359,79
2T02T03 scu-rat TDLo:40 gm/kg (10D male) TOLED5 4,359,79
1T09 scu-rat TDLo:1 gm/kg (1D male) TOLED5 1,207,78
2T02T23 scu-rat TDLo:34100 mg/kg (10D male) NETOD7 1,1,79
2T41T81 scu-mus TDLo:5104 mg/kg (17D preg) SEIJBO 14,77,74
1T72 scu-mus TDLo:5104 mg/kg (16D preg) SEIJBO 14,77,74
1T16 scu-mus TDLo:15 gm/kg (6D pre) JTSCDR 3,264,78
2T02T23 scu-mus TDLo:58 gm/kg (10D male) TJADAB 27,69A,83
2T02T03 scu-ham TDLo:16 gm/kg (2D pre) BIREBV 22,687,80
2T12T13 scu-ham TDLo:8 gm/kg (1D pre) BIREBV 17,404,77
1T11 scu-ham TDLo:20 gm/kg (5D pre) BIREBV 14,362,76
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:6 gm/kg/8W-I CNREAB 33,3069,73
TOXICITY DATA AND REFERENCES:
1J22 orl-wmn TDLo:50 mg/kg NEJMAG 305,1154,81
3F07F08K13 orl-hmn TDLo:43 mg/kg HYSAAV 36(9),364,71
orl-rat LD50:17 gm/kg FRPPAO 27,19,72
ipr-rat LD50:4253 mg/kg HSZPAZ 300,97,55
scu-rat LD50:5580 mg/kg OYYAA2 15,433,78
ivn-rat LD50:3300 mg/kg OYYAA2 15,433,78
orl-mus LD50:12961 mg/kg FAONAU 53A,436,74
* ipr-mus LD50:6 gm/kg NIIRDN 6,228,82
scu-mus LD50:8200 mg/kg OYYAA2 15,433,78
ivn-mus LD50:30 gm/kg FAONAU 53A,437,74
scu-cat LD50:8000 mg/kg EbeAG# 19NOV73
ipr-gpg LD50:15 gm/kg FAONAU 53A,437,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA1700000 GLUTAMIC ACID, L-, PEPTIDES
UPDT:8403 CAS: 25513-46-6 MOLFM: (C5-H9-N-O4)x
SYN: L-GLUTAMIC ACID, HOMOPOLYMER (9CI) * GLUTAMIC ACID POLYMER * alpha-L-GLUTAMIC ACID POLYMER * L-GLUTAMIC ACID POLYMER * PGA * POLY-L-GLUTAMATE * POLYGLUTAMIC ACID * POLY(alpha-L-GLUTAMIC ACID) * POLY(L-GLUTAMIC ACID) * L-gamma-POLYGLUTAMIC ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6 gm/kg GWXXBX #2636091

BEST COPY AVAILABLE

* ivn-rat LD50:2050 mg/kg GWXXBX #2636091

GLUTAMIC ACID POLYMER see: MA1700000
alpha-L-GLUTAMIC ACID POLYMER see: MA1700000
L-GLUTAMIC ACID POLYMER see: MA1700000
GLUTAMIC ACID, PTEROYL-, L- see: LP5425000

MA2200000 GLUTAMIC ACID, mixed with SODIUM NITRITE
UPDT:8403 MW: 216.15 MOLFM: C5-H9-N-O4 . N-Na-O2
SYN: SODIUM NITRITE mixed with L-GLUTAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate ABCHA6 47,405,83

GLUTAMIC ACID, SODIUM SALT see: MA1575000
D-GLUTAMIENSUUR see: LZ9700000

MA2275050 GLUTAMINASE, L-
UPDT:8406 CAS: 9001-47-2
SYN: E.C. 3.5.1.2 * L-GLUTAMINASE * GLUTAMINE AMINOHYDROLASE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:320 iu/kg POKLAB 9,75,81

L-GLUTAMINASE see: MA2275050

MA2275200 GLUTAMINE, L-, pyrolyzate
UPDT:8307 MW: 146.17 MOLFM: C5-H10-N2-O3
SYN: L-GLUTAMINE, pyrolyzate
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate MUREAV 48,279,77

L-GLUTAMINE, pyrolyzate see: MA2275200

MA2275260 D-alpha-GLUTAMINE, N(sup 2)-(N-(N-ACETYLMURAMOYL)-L-ALANYL)-
UPDT:8412 CAS: 53678-77-6 MW: 492.55 MOLFM: C19-H32-N4-O11
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 itt-rat TDLo:800 ug/kg (1D male) IJMRAQ 74,251,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLUTAMINE AMINOHYDROLASE see: MA2275050

MA2275280 GLUTAMINE, N(sup 2)-BENZOYL-N,N-DIETHYL-, DL-
UPDT:8412 CAS: 6460-99-7 MW: 306.40 MOLFM: C16-H22-N2-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4400 mg/kg MIMEAO 58,3653,67

MA2275290 GLUTAMINE, N(sup 2)-BENZOYL-N,N-DIMETHYL-, DL-
UPDT:8412 CAS: 6460-76-0 MW: 278.34 MOLFM: C14-H18-N2-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:3600 mg/kg MIMEAO 58,3653,67

MA2275430 L-GLUTAMINE, N-(4-HYDROXYPHENYL)-
UPDT:8311 CAS: 30382-24-2 MW: 238.27 MOLFM: C11-H14-N2-O4
SYN: N-(p-HYDROXYPHENYL)-L-GLUTAMINE
TOXICITY DATA AND REFERENCES:
1S05 ipr-mus LD50:5 gm/kg GWXXBX #2810095

MA2276500 GLUTAMINE, N,N'-((SELENODITHIO)BIS(1-((CARBOXYMETHYL)CARBAMOYL)ETHYLENE))DI-, L-
UPDT:8412 CAS: 33944-90-0 MW: 691.66 MOLFM: C20-H32-N6-O12-S2-Se
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ivn-mus TDLo:11342 ug/kg (12D preg) TOLED5 21,35,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLUTAMINIC ACID see: LZ9700000
L-GLUTAMINIC ACID see: LZ9700000
GLUTAMINOL see: LZ9700000
GLUTAMMATO MONOSODICO (Italian) see: MA1575000
beta-N-(gamma-L(+)GLUTAMYL)4-HYDROXYMETHYLPHENYLHYDRAZINE see: MA1284000
GLUTANON see: TI4375000
GLUTARAL see: MA2450000
GLUTARALDEHYD (Czech) see: MA2450000

MA2450000 GLUTARALDEHYDE
UPDT:8412 CAS: 111-30-8 MW: 100.13 MOLFM: C5-H8-O2
SYN: CIDEX * GLUTARAL * GLUTARALDEHYD (Czech) * GLUTARDIALDEHYDE * GLUTARIC DIALDEHYDE * NCI-C55425 * 1,5-PENTANEDIAL * 1,5-PENTANEDIONE * POTENTIATED ACID GLUTARALDEHYDE * SONACIDE
IRRITATION DATA AND REFERENCES:
skn-hmn 6 mg/3D-I SEV 85DKAB -,127,77
skn-rbt 13 mg open MLD UCDS** 1/30/70
skn-rbt 500 mg/24H SEV 28ZPAK -,42,72
eye-rbt 1 mg SEV UCDS** 1/30/70
eye-rbt 250 ug/24H SEV 28ZPAK -,42,72
MUTATION DATA AND REFERENCES:
oms-nml:oth 50 mmol/L ECREAL 95,233,75
oms-nml:oth 50 mmol/L ECREAL 95,233,75
oms-nml:oth 50 mmol/L ECREAL 95,233,75
oms-nml:oth 50 mmol/L ECREAL 95,233,75
dnd-ham:fbr 2500 ppm SFCRAQ 23,346,70
dnd-ckn:leu 8 pph CELLB5 5,45,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T43T46 orl-mus TDLo:50 gm/kg (6-15D preg) TJADAB 22,51,80
1T34 orl-mus TDLo:8 gm/kg (6-15D preg) TJADAB 22,51,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:134 mg/kg OYYAA2 19,503,80
ihl-rat LCLo:5000 ppm/4H 28ZPAK -,42,72
* ipr-rat LD50:17900 ug/kg IYKEDH 10,232,79
* scu-rat LD50:2390 mg/kg OYYAA2 19,503,80
* ivn-rat LD50:15300 ug/kg OYYAA2 19,503,80
* orl-mus LD50:100 mg/kg OYYAA2 19,503,80
* ipr-mus LD50:13900 ug/kg IYKEDH 10,232,79
* scu-mus LD50:1430 mg/kg OYYAA2 19,503,80
* ivn-mus LD50:15400 ug/kg OYYAA2 19,503,80
* skn-rbt LD50:2560 mg/kg AIHAAP 23,95,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DPIRDU 1(7),2,81
★ TLV-CL 200 ppb DTLVS* 4,204,80
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA2800000 GLUTARALDEHYDE, 3-METHYL-
UPDT:8407 CAS: 6280-15-5 MW: 114.16 MOLFM: C6-H10-O2
SYN: 3-METHYL GLUTARALDEHYDE * 3-METHYL PENTANEDIAL * PENTANEDIAL, 3-METHYL-
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
eye-rbt 250 ug open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:780 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:300 mg/kg AMIHBC 10,61,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA2803000 GLUTARAMIC ACID, N-ANTIPYRINYL-4-(2-PHENYLACETAMIDO)-, DL-
UPDT:8412 CAS: 10405-70-6 MW: 451.55 MOLFM: C24-H27-N4-O5
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5300 mg/kg MIMEAO 58,3653,67

MA2804000 GLUTARAMIC ACID, 4-BENZAMIDO-N-BENZYL-, DL-
UPDT:8412 CAS: 10405-71-7 MW: 340.41 MOLFM: C19-H20-N2-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2300 mg/kg MIMEAO 58,3653,67

MA2805000 GLUTARAMIC ACID, 4-BENZAMIDO-N,N-DIPROPYL-, DL-
UPDT:8412 CAS: 6620-60-6 MW: 334.46 MOLFM: C18-H26-N2-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2250 mg/kg MIMEAO 58,3653,67

MA2815000 GLUTARAMIC ACID, 4-BENZAMIDO-N,N-DIPROPYL-, SODIUM SALT, dl-
UPDT:8412 MW: 356.44 MOLFM: C18-H25-N2-O4 . Na
SYN: dl-4-BENZAMIDO-N,N-DIPROPYLGLUTARAMIC ACID SODIUM SALT * PROGLUMIDE SODIUM
TOXICITY DATA AND REFERENCES:
3F12J25M14 orl-rat LD50:8200 mg/kg OYYAA2 5,203,71
3F12J25M14 ipr-rat LD50:2360 mg/kg OYYAA2 5,203,71
3F12J25M14 scu-rat LD50:6110 mg/kg OYYAA2 5,203,71
3F12J25M14 orl-mus LD50:8900 mg/kg OYYAA2 5,203,71
3F12J25M14 ipr-mus LD50:2811 mg/kg OYYAA2 5,203,71
3F12J25M14 scu-mus LD50:5886 mg/kg OYYAA2 5,203,71
3F12J25M14 ivn-mus LD50:2968 mg/kg OYYAA2 5,203,71

MA2830000 GLUTARAMIC ACID, N-BENZOYL-4-(DIPROPYLAMINO)-, DL-
UPDT:8302 CAS: 25800-59-3 MW: 334.46 MOLFM: C18-H26-N2-O4
SYN: N-BENZOIL-N',N'-DI-n-PROPIL-DL-ISOGLUTAMINA (Italian) * DL-N-BENZOYL-4-(DIPROPYLAMINO)GLUTARAMIC ACID * XYLAMINA (Italian)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2250 mg/kg FRPSAX 24,983,69

MA2840000 GLUTARAMIC ACID, N-BENZYL-4-(2-PHENYLACETAMIDO)-, DL-
UPDT:8412 CAS: 6460-80-6 MW: 354.44 MOLFM: C20-H22-N2-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2730 mg/kg MIMEAO 58,3653,67

MA2860000 GLUTARAMIC ACID, 2-(1,3-DIOXO-2-ISOINDOLYL)-, DL-
UPDT:8303 MW: 276.27 MOLFM: C13-H12-N2-O5
SYN: 2-(1,3-DIK<O-2-ISOINDOLYL)GLUTARAMIC ACID * N-PHTHALOYL-DL-GLUTAMIC ACID * WU-345
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rbt TDLo:1950 mg/kg (4-16D preg) LIFSAK 5,393,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA2910000 GLUTARAMIC ACID, 4-PHTHALIMIDO-, METHYL ESTER, DL-
UPDT:8303 CAS: 19143-28-3 MW: 290.30 MOLFM: C14-H14-N2-O5
SYN: METHYL 4-PHTHALIMIDO DL GLUTARAMATE * DL-4-PHTHALIMIDOGLUTARAMIC ACID METHYL ESTER * N-alpha-PHTHALOYL-DL-ISOGLUTAMINE METHYL ESTER * WY-385
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T47150T53 orl-rbt TDLo:900 mg/kg (6-11D preg) EXPEAM 24,993,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA2980000 GLUTARAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-, DIHYDROCHLORIDE
UPDT:8308 MW: 515.49 MOLFM: C25-H26-N6-O2 . 2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)GLUTARAMIDE DIHYDROCHLORIDE * BIS(2-METHYL-4-AMINO-6-QUINOLYL)GLUTARAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:8900 ug/kg ANTCAO 2,581,52

MA3050000 GLUTARANILIC ACID, 3'-AMINO-4',6'-DIIODO-N-ETHYL-
UPDT:8403 CAS: 37934-66-0 MW: 502.11 MOLFM: C13-H10-I2-N2-O3
SYN: 3'-AMINO-4',6'-DIIODO-N-ETHYL-GLUTARANILIC ACID * PENTANOIC ACID, 5-((5-AMINO-2,4-DIIODOPHENYL)ETHYLAMINO)-5-OXO- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1100 mg/kg PHARAT 27,391,72

MA3055000 GLUTARANILIC ACID, 3'-AMINO-4',6'-DIIODO-N-METHYL-
UPDT:8403 CAS: 38622-28-5 MW: 488.08 MOLFM: C12-H14-I2-N2-O3
SYN: 3'-AMINO-4',6'-DIIODO-N-METHYL-GLUTARANILIC ACID * PENTANOIC ACID, 5-((3-AMINO-2,4-DIIODOPHENYL)METHYLAMINO)-5-OXO- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg PHARAT 27,391,72

MA3060000 GLUTARANILIC ACID, 3'-AMINO-N-ETHYL-2',4',6'-TRIIODO-
UPDT:8403 CAS: 37934-61-5 MW: 628.00 MOLFM: C13-H15-I3-N2-O3
SYN: N-ÄETHYL-N-(2,4,6-TRIJOD-3-AMINOPHENYL)-GLUTARAMIDSAEURE (German) * 3'-AMINO-N-ETHYL-2',4',6'-TRIIODO-GLUTARANILIC ACID * PENTANOIC ACID, 5-((3-AMINO-2,4,6-TRIIODOPHENYL)ETHYLAMINO)-5-OXO- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg PHARAT 27,391,72

GLUTARANILIC ACID, 3'-AMINO-N-METHYL-2',4',6'-TRIIODO- see: SA3678000

MA3085000 GLUTARANILIC ACID, 3'-AMINO-3-METHYL-2',4',6'-TRIIODO-
UPDT:8406 MW: 613.97 MOLFM: C12-H13-I3-N2-O3
SYN: 3'-AMINO-3-METHYL-2',4',6'-TRIIODOGLUTARANILIC ACID * BG 371 * N-(2,4,6-TRIJOD-3-AMINOPHENYL)-beta-METHYLGLUTARAMIDSAEURE (German)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:6600 mg/kg PHARAT 27,411,72

MA3090000 GLUTARANILIC ACID, 4-BENZAMIDO-4'-CARBOXY-, 4'-ETHYL ESTER, DL-
UPDT:8411 MW: 398.45 MOLFM: C21-H22-N2-O6
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:810 mg/kg MIMEAO 58,3653,67

GLUTARDIALDEHYDE see: MA2450000
GLUTARGIN see: CF1936000

MA3740000 GLUTARIC ACID
UPDT:8408 CAS: 110-94-1 MW: 132.13 MOLFM: C5-H8-O4
SYN: PENTANDIOIC ACID * PENTANEDIOIC ACID * 1,5-PENTANEDIOIC ACID * 1,3-PROPANEDICARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
orl-mus LD50:6000 mg/kg BIJOAK 34,1196,40
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GLUTARIC ACID compd. with (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID see: SZ7563050

MA3740800 GLUTARIC ACID, DIDECYL ESTER
UPDT:8402 CAS: 3634-94-4 MW: 412.73 MOLFM: C25-H48-O4
SYN: DIDECYL GLUTARATE * PENTANEDIOIC ACID, DIDECYL ESTER
TOXICITY DATA AND REFERENCES:
2F07F17 orl-rat LDLo:60 gm/kg GISAAA 47(10)89,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GLUTARIC ACID DINITRILE see: YI3500000

MA3750500 GLUTARIC ACID, HEXAFLUORO-, DIETHYL ESTER
UPDT:8408 CAS: 424-40-8 MW: 296.19 MOLFM: C9-H10-F6-O4
SYN: DIETHYL HEXAFLUOROGLUTARATE * DIETHYL PERFLUOROGLUTARATE * HEXAFLUOROGLUTARIC ACID DIETHYL ESTER * HEXAFLUOROPENTANEDIOIC ACID DIETHYL ESTER * PENTANEDIOIC ACID, HEXAFLUORO-, DIETHYL ESTER (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5 gm/kg 85GMAT -,53,82
* ihl-rat LC50:1300 mg/m3/4H 85GMAT -,53,82
* orl-mus LD50:4200 mg/kg 85GMAT -,53,82

BEST COPY AVAILABLE

*	ihl-mus LCLo:10 gm/m3/2H	85GMAT -,53,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA3753000 GLUTARIC ACID, 3-HYDROXY-3-METHYL-
UPDT:8403 CAS: 503-49-1 MW: 162.16 MOLFM: C6-H10-O5
SYN: CB-337 * DICROTALIC ACID * HMG * HMGA * beta-HYDROXY-beta-METHYLGLUTARIC ACID * 3-HYDROXY-3-METHYLGLUTARIC ACID * 3-HYDROXY-3-METHYLPENTANEDIOIC ACID * LIPOGLUTAREN * MEDROGLUTARIC ACID * MEGLUTOL

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:7330 mg/kg	DRFUD4 3,114,78
	ipr-mus LD50:3230 mg/kg	DRFUD4 3,114,78

MA3810000 GLUTARIC ACID, 2-PHTHALIMIDO-, DL-
UPDT:8307 MW: 277.25 MOLFM: C13-H11-N-O6
SYN: NPLG * PENTANEDIOIC ACID, 2-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)-, (S)- (9CI) * PGA * N-PHTHALOYL-L-GLUTAMIC ACID * N-PHTHALYLGLUTAMIC ACID * N-PHTHALYL-D,L-GLUTAMIC ACID * N-PHTHALYL-DL-GLUTAMINSAURE (German)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T59	ipr-mus TDLo:160 mg/kg (9D preg)	ZENBAX 26b,857,'1
2T25T46	ipr-mus TDLo:800 mg/kg (9D preg)	NATWAY 69,191,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA3820000 GLUTARIC ACID, 2-PHTHALIMIDO-, L-
UPDT:8312 CAS: 340-90-9 MW: 277.25 MOLFM: C13-H11-N-O6
SYN: N-PHTHALYL-L-GLUTAMIC ACID * N-PHTHALYL-L-GLUTAMINSAURE (German)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T46	ipr-mus TDLo:200 mg/kg (9D preg)	EXPEAM 27,1149,71
1T59	ipr-mus TDLo:100 mg/kg (9D preg)	EXPEAM 26,1236,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLUTARIC DIALDEHYDE see: MA2450000

MA4026950 GLUTARIMIDE, 2-(p-AMINOPHENYL)-2-ETHYL-
UPDT:8407 CAS: 125-84-8 MW: 232.31 MOLFM: C13-H16-N2-O2
SYN: AMINOGLUTETHIMIDE * p-AMINOGLUTETHIMIDE * 2-(p-AMINOPHENYL)-2-ETHYLGLUTARIMIDE * Ba-1603B * CYTADREN * ELIPTEN * 3-ETHYL-3-(p-AMINOPHENYL)-2,6-DIOXOPIPERIDINE * ORIMETEN * 2,6-PIPERIDINEDIONE, 3-(4-AMINOPHENYL)-3-ETHYL-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-wmn TDLo:3630 mg/kg (1-35W preg)	AJDCAI 124,421,72

TOXICITY DATA AND REFERENCES:

2F07F25	ipr-mus LD50:625 mg/kg	JMCMAR 18,736,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA4027000 GLUTARIMIDE, 2-(p-AMINOPHENYL)-2-ETHYL-, PHOSPHATE (1:1)
UPDT:8408 CAS: 23734-88-5 MW: 330.31 MOLFM: C13-H16-N2-O2 H3-O4-P
SYN: AGP * AMINOGLUTETHIMIDE PHOSPHATE * alpha-(p-AMINOPHENYL)-alpha-ETHYLGLUTARIMIDE PHOSPHATE * 2-(p-AMINOPHENYL)-2-ETHYLGLUTARIMIDE PHOSPHATE * 2,6-PIPERIDINEDIONE, 3-(4-AMINOPHENYL) 3-ETHYL-, PHOSPHATE (1:1) (8CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	ipr-rat TDLo:300 mg/kg (9D preg)	ENDOAO 90,1363,72
1T25	ipr-rat TDLo:300 mg/kg (9D preg)	CCPTAY 14,487,76
1T14	scu-rat TDLo:2800 mg/kg (28D pre)	JRPFA4 40,125,74
1T22	scu-rat TDLo:700 mg/kg (28D pre)	JRPFA4 40,125,74
1T13	scu-rat TDLo:600 mg/kg (4-7D preg)	CCPTAY 14,487,76
1T25	ivn-rat TDLo:300 mg/kg (9D preg)	CCPTAY 14,487,76
3T16T17T72	scu-rbt TDLo:360 mg/kg (25-26D preg)	JANSAG 42,131,76
1T29	unk-rbt TDLo:37500 ug/kg (1D pre)	FESTAS 39(Suppl),397,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA4029500 GLUTARIMIDE, 2-(1-BENZYL-4-PIPERIDYL)-2-PHENYL-, (-)-
UPDT:8405 CAS: 21888-99-3 MW: 362.51 MOLFM: C23-H26-N2-O2
SYN: (-)-BENZETIMIDE * l-BENZETIMIDE * (3,4'-BIPIPERIDINE)-2,6-DIONE, 3-PHENYL-1'-(PHENYLMETHYL)-, (R)- (9CI) * LEVETIMIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:38500 ug/kg	MEIEDD 10,152,83

MA4030000 GLUTARIMIDE, 2-(1-BENZYL-4-PIPERIDYL)-2-PHENYL-, HYDROCHLORIDE
UPDT:8405 CAS: 5633-14-7 MW: 398.97 MOLFM: C23-H26-N2-O2 Cl-H
SYN: BENZETIMIDE * dl-1-BENZYL-4-(2,6-DIOXO-3-PHENYL-3-PIPERIDYL)PIPERIDINE HYDROCHLORIDE * BZ * (3,4'-BIPIPERIDINE)-2,6-DIONE, 3-PHENYL-1'-(PHENYLMETHYL)-, MONOHYDROCHLORIDE (9CI) * DIOXATRINE * R 4929 * SPASMENTRAL

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:37600 ug/kg	MEIEDD 10,152,83
	orl-mus LD50:680 mg/kg	OYYAA2 3,283,69
*	ivn-mus LD50:46 mg/kg	MEIEDD 10,152,83

MA4375000 GLUTARIMIDE, 3-(2-(3,5-DIMETHYL-2-OXOCYCLOHEXYL)-2-HYDROXYETHYL)-
UPDT:8411 CAS: 66-81-9 MW: 281.39 MOLFM: C15-H23-N-O4
SYN: ACTI-AID * ACTIDION * ACTIDIONE * ACTIDIONE PM * ACTIDIONE TGF * ACTIDONE * ACTISPRAY * CYCLOHEXIMIDE * beta-(2-(3,5-DIMETHYL-2-OXOCYCLOHEXYL)-2-HYDROXYETHYL)GLUTARIMIDE * 3-(2-(3,5-DIMETHYL-2-OXOCYCLOHEXYL)-2-HYDROXYETHYL)GLUTARIMIDE * HIZAROCIN * KAKEN * NARAMYCIN * NARAMYCIN A * NEOCYCLOHEXIMIDE * NSC-185 * U-4527

IRRITATION DATA AND REFERENCES:

	skn-rbt 5 mg/24H mns	TXCYAC 14,117,79
	skn-rbt 1%/24H MOD	NTIS** PB-274-414

MUTATION DATA AND REFERENCES:

	dnr-esc 50 ug/disc	CNREA8 34,1658,74
	dni-omi 90 umol/L	MUREAV 85,275,81
	dni-omi 10 mg/L	CELLB5 5,311,75
	dni-omi 100 mg/L	CUGED5 5,119,82
	oms-omi 50 mg/L	IJBBBQ 19,285,82
	cyt-dmg:oth 100 mg/L	CLDFAT 2,97,73
	mmo-eug 500 nmol/L	CYTZAM 9,280,74
	oms-hmn:hla 35 umol/L	BCPCA6 14,205,65
	dni-hmn:oth 100 mg/L	BBACAQ 696,15,82
	dni-hmn:hla 1 umol/L	BCPCA6 14,205,65
	dni-hmn:lng 10 mg/L	PSEBAA 171,109,82
	dni-hmn:oth 100 mg/L	CNREA8 41,2483,81
	dni-hmn:oth 300 nmol/L	CNREA8 44,2421,84
	cyt-hmn:oth 100 mg/L	EJCAAH 17,173,81
	cyt-hmn:lym 30 mg/L	HEREAY 86,107,77
	dnd-rat:lvr 10 mmol/L	CNREA8 39,3254,79
	dni-rat:oth 10 mg/L	CELLB5 5,311,75
	cyt-rat-ivn 20 mg/kg	JELJA7 22,205,73
	cyt-rat-orl 200 mg/kg	EXPEAM 29,839,73
	mnt-mus-ipr 10 mg/kg	MUREAV 120,127,83
	dni-mus-ipr 333 mg/kg	JCLBA3 30,13,66
	dni-mus:fbr 180 umol/L	JCLBA3 58,410,73
	oms-mus-ipr 333 mg/kg	JCLBA3 30,13,66
	oms-mus:fbr 50 mg/L	CNREA8 41,1778,81
	spm-mus-ipr 100 mg/kg	FOBLAN 21,60,75
	dni-ham:lng 5 mg/L	PNASA6 73,2396,76
	dni-ham:fbr 1 mg/L	JNCIAM 54,431,75
	dni-gpg:lng 10 mg/L	PSEBAA 171,109,82
	dni-gpg:oth 50 mg/L	CBINAB 38,339,82
	oms-gpg:oth 50 mg/L	CBINAB 38,339,82
	dni-pig:kdy 1 mg/L	CYGEDX 12(1),1,78
	oms-pig:kdy 1 mg/L	CYGEDX 12(1),1,78
	dni-pig:kdy 1 mg/L	CYGEDX 11(5),17,77
	omi-pig:kdy 1 mg/L	CYGEDX 11(5),17,77
	oms-pig:kdy 1 mg/L	CYGEDX 11(5),17,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	ipr-rat TDLo:1 mg/kg (4D preg)	INJFA3 27,238,82
2T25T34	ipr-rat TDLo:300 ug/kg (13D preg)	TJADAB 23,25,81
1T47	ipr-rat TDLo:500 ug/kg (12D preg)	TJADAB 25,95,82
2T34T51	ipr-rat TDLo:1 mg/kg (15D preg)	BJEPA5 51,361,70
2T41T81	ipr-rat TDLo:1 mg/kg (18D preg)	BJEPA5 51,361,70
1T46	ipr-mus TDLo:30 mg/kg (10D preg)	TJADAB 17,41A,78
3T25T34T35	ipr-mus TDLo:30 mg/kg (9D preg)	TJADAB 25,345,82
1T35	scu-mus TDLo:80 mg/kg (11D preg)	PNASA6 67,779,70
1T25	scu-mus TDLo:5 mg/kg (11D preg)	PNASA6 67,779,70
1T29	ipr-rbt TDLo:5 mg/kg (1D pre)	FESTAS 38,238,82
3T41T43T47	ipr-rat TDLo:250 ug/kg (10D preg)	FAATDF 4,356,84
1T29	par-rbt TDLo:5 ug/kg (1D preg)	ENDOAO 79,858,66
1T29	ipr-ham TDLo:60 mg/kg (1D pre)	PSEBAA 162,170,79

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2 mg/kg	UPJOH* 2,-,71
	ipr-rat LD50:3700 ug/kg	JPETAB 136,400,62
*	scu-rat LD50:2500 ug/kg	ANTCAO 10,682,60
*	ivn-rat LD50:2 mg/kg	ANTCAO 10,682,60
	orl-mus LD50:133 mg/kg	UPJOH* 2,-,71
*	ipr-mus LD50:138 mg/kg	SZAPAC 22,557,59
	scu-mus LD50:160 mg/kg	UPJOH* 2,-,71
*	ivn-mus LD50:150 mg/kg	JACSAT 69,474,47
	orl-dog LD50:65 mg/kg	PCOC** -,292,66
	orl-mky LD50:60 mg/kg	GUCHAZ 6,146,73
*	ipr-cat LD50:4 mg/kg	BSERAY 2,1059,78
*	ivn-rbt LD50:17 mg/kg	BSERAY 2,1059,78
	orl-gpg LD50:65 mg/kg	PCOC** -,292,66
*	ipr-gpg LD50:60 mg/kg	ANTCAO 10,682,60
*	scu-gpg LD50:60 mg/kg	BSERAY 2,1059,78
*	ipr-ham LDLo:40 mg/kg	PSEBAA 162,170,79
*	scu-chn LDLo:2 mg/kg	CBPCB8 66C,83,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 2,159,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA4550000 GLUTARIMIDE, 3-ETHYL-3-METHYL-
UPDT:8406 CAS: 64-65-3 MW: 155.22 MOLFM: C8-H13-N-O2
SYN: AMYPNON * BEMEGRIDE * BEMIGRIDE * BENEGRID * 2,6-DIOXO-4-METHYL-4-ETHYLPIPERIDINE * 4-ETHYL-4-METHYL-2,6-DIOXOPIPERIDINE * beta-ETHYL-beta-METHYLGLUTARIMIDE * 3-ETHYL-3-METHYLGLUTARIMIDE * 4-ETHYL-4-METHYL-2,6-PIPERIDINEDIONE * EUKRATON * MALYSOL * MEGIMIDE * 4-METHYL-4-ETHYL-2,6-DIOXOPIPERIDINE * beta-METHYL beta-ETHYLGLUTARIMIDE * 3-METHYL-3-ETHYLGLUTARIMIDE * MIKEDIMIDE * MP13

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:24 mg/kg	AIPTAK 135,9,62
1F12	scu-rat LD50:31 mg/kg	JPPMAB 13,244,61
	ivn-rat LD50:16 mg/kg	AIPTAK 135,9,62
	orl-mus LD50:41 mg/kg	JPETAB 128,176,60
	ipr-mus LD50:25 mg/kg	JPETAB 128,176,60
	scu-mus LD50:27 mg/kg	JPETAB 128,176,60
3F07F12F23	ivn-mus LD50:16 mg/kg	AIPTAK 110,29,57
*	ims-mus LD50:33 mg/kg	NIIRDN 6,763,82
	par-mus LD50:32 mg/kg	ARZNAD 6,583,56
	ivn-rbt LD50:23 mg/kg	AIPTAK 135,9,62
*	unk-gpg LD50:1080 mg/kg	AIPTAK 110,465,57

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MA4725000 GLUTARIMIDE, 2-ETHYL-2-PHENYL-
UPDT:8411 CAS: 77-21-4 MW: 217.29 MOLFM: C13-H15-N-O2
SYN: ALFIMID * CC 11311 * DORIDEN * DORIDEN-SED * ELRODORM * 3-ETHYL-3-PHENYL-2,6-DIKETOPIPERIDINE * 3-ETHYL-3-PHENYL-2,6-DIOXOPIPERIDINE * alpha-ETHYL-alpha-PHENYLGLUTARIMIDE * 2-ETHYL-2-PHENYLGLUTARIMIDE * 3-ETHYL-3-PHENYL-2,6-PIPERIDINEDIONE * GIMID * GLUMID * GLUTAETHIMID * GLUTETHIMIDE * GLUTETHIMIDE * NOXYRON * 3-PHENYL-3-ETHYL-2,6-DIKETOPIPERIDINE * 3-PHENYL-3-ETHYL-2,6-DIOXOPIPERIDINE * alpha-PHENYL-alpha-ETHYLGLUTARIC ACID IMIDE * 2-PHENYL-2-ETHYLGLUTARIC ACID IMIDE * alpha-PHENYL-alpha-ETHYLGLUTARIMIDE * SARODORMIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T46T73	orl-rat TDLo:3600 mg/kg (3D male/3D pre-22D preg)	EXPEAM 19,183,63
1T27	orl-rat TDLo:2250 mg/kg (6-14D preg)	COREAF 256,1841,63
1T27	unk-rat TDLo:2250 mg/kg (6-14D preg)	BSAMA5 20,490,64
1T27	orl-mus TDLo:2250 mg/kg (6-14D preg)	COREAF 256,1841,63
1T27	unk-mus TDLo:2250 mg/kg (6-14D preg)	BSAMA5 20,490,64
2T46T35	orl-rbt TDLo:1350 mg/kg (8-16D preg)	TXAPA9 10,244,67
1T27	orl-rbt TDLo:700 mg/kg (6-12D preg)	CRSBAW 157,5,63
1T27	par-rbt TDLo:700 mg/kg (6-12D preg)	CRSBAW 157,5,63
1T27	unk-rbt TDLo:1400 mg/kg (6-12D preg)	BSAMA5 20,490,64

TOXICITY DATA AND REFERENCES:

2F19F07	orl-chd TDLo:25 mg/kg	AJDCAI 130,507,76
	unk-man LDLo:147 mg/kg	85DCAI 2,73,70
	orl-rat LD50:600 mg/kg	27ZQAG -,233,72
	ipr-rat LD50:84 mg/kg	TXAPA9 24,37,73
	orl-mus LD50:360 mg/kg	27ZQAG -,233,72
	ipr-mus LD50:78 mg/kg	TXAPA9 24,37,73
	orl-dog LD50:500 mg/kg	SMWOA5 85,305,55
	orl-mky LDLo:300 mg/kg	TXAPA9 29,75,74
	orl-rbt LD50:600 mg/kg	27ZQAG -,233,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLPTAT 5,480,64; CLCHAU 19,361,73; ADVFA3 4,263,66

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA4800000 GLUTARIMIDE, 2-(HEXAHYDROPHTHALIMIDO)-
UPDT:8303 CAS: 19246-72-1 MW: 264.31 MOLFM: C13-H16-N2-O4
SYN: 2-(HEXAHYDROPHTHALIMIDO)GLUTARIMIDE * WU-320

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:2000 mg/kg	LIFSAK 3,721,64

GLUTARIMIDE, 3-(2-HYDROXY-5,7-DIMETHYL-4-OXO-6,8-NONADIENYL)- (8CI) see: TM7525000

MA5075000 GLUTARIMIDE, 3-(2-HYDROXY-2-(5-HYDROXY-3,5-DIMETHYL-2-OXOCYCLOHEXYL)ETHYL)-, 5-ACETATE
UPDT:8405 CAS: 2885-39-4 MW: 339.43 MOLFM: C17-H25-N-O6
SYN: ACETOXYCYCLOHEXIMIDE * 3-(2-(5-ACETOXY-3,5-DIMETHYL-2-OXOCYCLOHEXYL)-2-HYDROXYETHYL)GLUTARIMIDE * ACETYLOXYCYCLOHEXIMIDE * AXM * CYCLOHEXIMIDE ACETOXY- * E-73 ACETATE * STREPTOVITACIN E 73

MUTATION DATA AND REFERENCES:

	oms-hmn:hla 29 umol/L	BCPCA6 14,205,65

BEST COPY AVAILABLE

dni-hmn:hla 1 umol/L BCPCA6 14,205,65

TOXICITY DATA AND REFERENCES:
orl-rat LD50:158 ug/kg JPETAB 136,400,62
ipr-rat LD50:170 ug/kg JPETAB 136,400,62
scu-rat LD50:190 ug/kg JPETAB 136,400,62
ipr-mus LD50:19 mg/kg JPETAB 136,400,62
ivn-dog LDLo:920 ug/kg JPETAB 136,400,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA5310000 GLUTARAMIDE, N-OCTYL-
UPDT:8403 MW: 242.41 MOLFM: C13-H26-N2-O2
SYN: CHR-2 * N-OCTYLGLUTARAMIDE * N-n-OCTYLGLUTARAMIDE * N-(n-OCTYL)GLUTARAMIDE

MUTATION DATA AND REFERENCES:
sln-dmg-orl 70 mmol/L/72H-C NTIS** AD-A114-184

GLUTARIMIDE, 2-PHTHALIMIDO- see: TI4375000
GLUTARODINITRILE see: YI3500000
GLUTARONITRILE (8CI) see: YI3500000

MA5599000 GLUTARONITRILE, 2-BROMO-2-(BROMOMETHYL)-
UPDT:8403 MW: 265.96 MOLFM: C6-H6-Br2-N2
SYN: 2-BROMO-2-(BROMOMETHYL)GLUTARONITRILE * 1,2-DIBROMO-2,4-DICYANOBUTANE * METHYLDIBROMOGLUTARONITRILE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:1750 mg/kg (6-15D preg) TOLED5 18(Suppl 1),158,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLUTARONITRILE, HEXAFLUORO- see: MA5600000 GLUTARONITRILE, PERFLUORO-

MA5600000 GLUTARONITRILE, PERFLUORO-
UPDT:8408 CAS: 376-89-6 MW: 202.07 MOLFM: C5-F6-N2
SYN: GLUTARONITRILE, HEXAFLUORO- * HEXAFLUOROGLUTARONITRILE * PENTANEDINITRILE, HEXAFLUORO- (9CI) * PERFLUOROGLUTARIC ACID DINITRILE * PERFLUOROGLUTARONITRILE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2600 mg/kg 85GMAT -,97,82
* orl-mus LD50:997 mg/kg 85GMAT -,97,82
* ihl-mus LC50:58 mg/m3/4H 85GMAT -,97,82

GLUTARYLBIS(IMINOETHYLENE)BIS(TRIETHYLAMMONIUM IODIDE) see: BQ6905000
GLUTARYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) see: BQ6906000
GLUTATHIMID see: MA4725000
GLUTATHION see: MC0556000
GLUTATHIONE see: MC0556000
GLUTATHIONE (reduced) see: MC0556000
GLUTATHIONE SH see: MC0556000
GLUTATIOL see: MC0556000
GLUTATIONE see: MC0556000
L-GLUTATIONE see: MC0556000
GLUTATON see: LZ9700000
GLUTAVENE see: MA1575000
GLUTETHIMID see: MA4725000
GLUTETHIMIDE see: MA4725000
GLUTETIMIDE see: MA4725000
GLUTIDE see: MC0556000
GLUTINAL see: MC0556000
(D-GLU(sup 1)-D-THI(sup 2)-D-TRP(sup 3,6))-LHRH see: OK6506000
(D-GLU(sup 1)-D-THI(sup 2)-D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6506000
GLYBENZCYCLAMIDE see: YS4725200
GLYBURIDE see: YS4725200
GLYBUTAMIDE see: YS4200000
GLYBUTIDE see: DU1135000
GLYBUZOLE see: DB1290000
GLYCERALDEHYDE, (+-)- see: MA6475000

MA6475000 GLYCERALDEHYDE, DL-
UPDT:8407 CAS: 56-82-6 MW: 90.09 MOLFM: C3-H6-O3
SYN: GLYCERALDEHYDE, (+-)- * DL-GLYCERIC ALDEHYDE

MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate ABCHA6 47,2461,83

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:2000 mg/kg JPPMAB 17,814,65

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DL-GLYCERIC ALDEHYDE see: MA6475000
GLYCERIN see: MA8050000
GLYCERIN, ANHYDROUS see: MA8050000
GLYCERINE see: MA8050000
GLYCERINFORMALE see: JH8390000
GLYCERIN GUAIACOLATE see: TY8400000
GLYCERIN alpha-MONOCHLORHYDRIN see: TY4025000
GLYCERINMONOGUAIACOL ETHER see: TY8400000
GLYCERIN MONOSTEARATE see: RG1925000
GLYCERIN, SYNTHETIC see: MA8050000
GLYCERIN TRIACETATE see: AK3675000
GLYCERINTRINITRATE (Czech) see: QX2100000
GLYCERITE see: WW5075000
GLYCERITOL see: MA8050000

MA8050000 GLYCEROL
UPDT:8408 CAS: 56-81-5 MW: 92.11 MOLFM: C3-H8-O3
SYN: GLYCERIN * GLYCERIN, ANHYDROUS * GLYCERINE * GLYCERIN, SYNTHETIC * GLYCERITOL * GLYCYL ALCOHOL * GROCOLENE * MOON * 1,2,3-PROPANETRIOL * STAR * SUPEROL * SYNTHETIC GLYCERIN * 90 TECHNICAL GLYCERINE * TRIHYDROXYPROPANE * 1,2,3-TRIHYDROXYPROPANE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,37,72
eye-rbt 126 mg MLD BIOFX* 9-4/70

MUTATION DATA AND REFERENCES:
dni-hmn:lym 200 mmol/L PNASA6 79,1171,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 ifr-rat TDLo:280 mg/kg (2D male) CCPTAY 29,291,84
1T23 ifr-rat TDLo:1600 mg/kg (1D male) CCPTAY 29,291,84

TOXICITY DATA AND REFERENCES:
orl-rat LD50:12600 mg/kg FEPRA7 4,142,45
* ipr-rat LD50:75 mg/kg NIIRDN 6,215,82
* scu-rat LD50:100 mg/kg NIIRDN 6,215,82
* ivn-rat LD50:5566 mg/kg ARZNAD 26,1581,76
* orl-mus LD50:4090 mg/kg FRZKAP (6),56,77
* ipr-mus LD50:63 mg/kg NIIRDN 6,215,82
* scu-mus LD50:91 mg/kg NIIRDN 6,215,82
* ivn-mus LD50:75 mg/kg NIIRDN 6,215,82
* ivn-rbt LD50:53 mg/kg NIIRDN 6,215,82
orl-gpg LD50:7750 mg/kg JIHTAB 23,259,41

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: INMEAF -,-,40

★ TLV-TWA 10 mg/m3 (vapor) DTLVS* 4,205,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLYCEROL, 1-ACETATE see: AK3600000
GLYCEROLACETONE see: JI0400000
GLYCEROL alpha-ALLYL ETHER see: TY2700000
GLYCEROL CHLOROHYDRIN see: TY4025000
GLYCEROL alpha-CHLOROHYDRIN see: TY4025000
GLYCEROL-1,3-DI-p-(N,N'-BIS(2-CHLOROETHYL)AMINO)PHENYL ACETATE see: AF5457430
GLYCEROL alpha,beta-DICHLOROHYDRIN see: UB1225000
GLYCEROL alpha,gamma-DICHLOROHYDRIN see: UB1400000
sym-GLYCEROL DICHLOROHYDRIN see: UB1400000
GLYCEROL-alpha,gamma-DIIODOHYDRIN see: UB1950000
GLYCEROL DIMETHYLKETAL see: JI0400000

MA9487500 GLYCEROL, 1,3-DINITRATE
UPDT:8308 CAS: 623-87-0 MW: 182.11 MOLFM: C3-H6-N2-O7
SYN: 1,3-DINITROGLYCERIN * 1,3-DNG * GLYCEROL 1,3-DINITRATE (DOT) * 1,3-GLYCERYL DINITRATE * 1,2,3-PROPANETRIOL, 1,3-DINITRATE (9CI)

TOXICITY DATA AND REFERENCES:
3F19J24J25 orl-rat LD50:1065 mg/kg NTIS** AD-8011-150
3F19J24J25 orl-mus LD50:676 mg/kg NTIS** AD-8011-150

STANDARDS & REGULATIONS:
★ DOT-HAZARD-FORBIDDEN CFRGBR 49,172.101,82

GLYCEROL-1,3-DINITRATE (DOT) see: MA9487500
GLYCEROL, 1,2-DITHIO- see: UB2625000
GLYCEROL EPICHLORHYDRIN see: TX4900000
GLYCEROL alpha-ETHYL ETHER see: TY6400000
GLYCEROL FORMAL see: JH8390000
GLYCEROL GUAIACOLATE see: TY8400000
GLYCEROL alpha-ISOPROPYL ETHER see: TY7900000
GLYCEROL, 1,2-O-ISOPROPYLIDENE see: JI0400000
GLYCEROL alpha-(o-METHOXYPHENYL)ETHER see: TY8400000
GLYCEROL MONOACETATE see: AK3600000
GLYCEROL alpha-MONOACETATE see: AK3600000
GLYCEROL 1-MONOACETATE see: AK3600000
GLYCEROL alpha-MONOCHLOROHYDRIN see: TY4025000
GLYCEROL-alpha-MONOCHLOROHYDRIN (DOT) see: TY4025000

MA9810000 GLYCEROL MONOGLUCONATE TRINITRATE (DOT)
UPDT:8308

STANDARDS & REGULATIONS; HAZARD
★ DOT-HAZARD-FORBIDDEN CFRGBR 49,172.101,82

GLYCEROL-alpha-MONOGUAIACOL ETHER see: TY8400000

MA9830000 GLYCEROL MONOLACTATE TRINITRATE (DOT)
UPDT:8308

STANDARDS & REGULATIONS; HAZARD
★ DOT-HAZARD-FORBIDDEN CFRGBR 49,172.101,82

GLYCEROL MONO(2-METHOXYPHENYL)ETHER see: TY8400000
GLYCEROL MONOOCTADECYL ETHER see: TZ0960000
GLYCEROL alpha-MONOPHENYL ETHER see: TZ1050000
GLYCEROL MONOSTEARATE see: RG1925000
GLYCEROL, NITRIC ACID TRIESTER see: QX2100000
GLYCEROL TRIACETATE see: AK3675000
GLYCEROL TRIBUTYRATE see: ET7350000
GLYCEROL TRICAPRYLATE see: YJ7700000
GLYCEROL TRICHLOROHYDRIN see: TZ9275000
GLYCEROL(TRI(CHLOROMETHYL))ETHER see: UA1850000
GLYCEROLTRINITRAAT (Dutch) see: QX2100000
GLYCEROL TRINITRATE see: QX2100000
GLYCEROL(TRINITRATE DE) (French) see: QX2100000
GLYCEROL TRIOCTANOATE see: YJ7700000
GLYCERYL ACETATE see: AK3600000
GLYCERYLAMINOPHENAQUINE see: CB2687000
GLYCERYL-alpha-CHLOROHYDRIN see: TY4025000
1,3-GLYCERYL DINITRATE see: MA9487500
GLYCERYL alpha,gamma-DIPHENYL ETHER see: UB4100000
GLYCERYL GUAIACOLATE see: TY8400000
alpha-GLYCERYL GUAIACOLATE ETHER see: TY8400000
GLYCERYL GUAIACYL ETHER see: TY8400000
GLYCERYL MONOACETATE see: AK3600000
GLYCERYL MONOSTEARATE see: RG1925000
GLYCERYL NITRATE see: QX2100000
GLYCERYL o-TOLYL ETHER see: TZ1225000
GLYCERYL TRIACETATE see: AK3675000
GLYCERYL TRICHLOROHYDRIN see: TZ9275000
GLYCERYL TRINITRATE see: QX2100000
GLYCERYL TRINITRATE, SOLUTION up to 1% in alcohol (DOT) see: QX2100000
GLYCERYL TRIOCTANOATE see: YJ7700000
GLYCIDAL see: MB3150000

MB3150000 GLYCIDALDEHYDE
UPDT:8406 CAS: 765-34-4 MW: 72.07 MOLFM: C3-H4-O2
SYN: EPIHYDRINALDEHYDE * EPIHYDRINE ALDEHYDE * 2,3-EPOXYPROPANAL * 2,3-EPOXY-1-PROPANAL * 2,3-EPOXYPROPIONALDEHYDE * GLYCIDAL * GLYCIDALDEHYDE (DOT) * GLYCIDYLALDEHYDE * OXIRANE-CARBOXALDEHYDE * PROPIONALDEHYDE, 2,3-EPOXY- * RCRA WASTE NUMBER U126 * UN 2622 (DOT)

IRRITATION DATA AND REFERENCES:
eye-hmn 1 ppm/5M MOD AEHLAU 2,23,61

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate JJIND8 62,893,79
mma-sat 10 ug/plate MUREAV 66,367,79
dnr-esc 1 uL/plate JJIND8 62,873,79
mmo-klp 5 umol/L MUREAV 89,269,81
mmo-omi 3333 ppm MOPMA3 6,667,70
mmo-smc 1 pph MUREAV 47,115,77
mrc-smc 500 ppm JJIND8 62,9U1,79
mma-mus:lym 8900 ug/L MUREAV 97,49,82
otr-mus:fbr 1 mg/L JJIND8 67,1303,81
hma-mus/sat 200 mg/kg JJIND8 62,911,79
otr-ham:emb 100 ug/L IJCNAW 19,642,77
otr-ham:emb 1 mg/L JJIND8 67,1303,81

TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:13 gm/kg/77W-I JNCIAM 39,1213,67
3V01R60V10 skn-mus TDLo:17 gm/kg/48W-I JNCIAM 35,707,65
2V02V10 scu-mus TDLo:8844 mg/kg/67W-I JNCIAM 37,825,66
3V01R60V10 skn-mus TD :26 gm/kg/71W-I 14JTAF -,275,64
3V03R60V10 skn-mus TD :26 gm/kg/22W-I JNCIAM 39,1217,67
2V03V10 scu-rat TD :390 mg/kg/78W-I JNCIAM 37,825,66

TOXICITY DATA AND REFERENCES:
3A11D07F13 ihl-hmn TCLo:5 ppm 342IAG -,289,69
* orl-rat LDLo:50 mg/kg AJHYA2 76,209,62

BEST COPY AVAILABLE

ihl-rat TCLo:251 ppm/4H 14CYAT 2,1636,63
* ipr-mus LD50:200 mg/kg JJIND8 62,911,79
skn-rbt LD50:249 mg/kg AEHLAU 2,23,61
3D15D17J25 ivn-rbt LDLo:20 mg/kg AEHLAU 2,23,61
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW;ANIMAL POSITIVE IARC** 11,175,76
STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE LIQUID;LABEL-FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
GLYCIDALDEHYDE (DOT) see: MB3150000
GLYCIDAMIDE, 2-ETHYL-3-PROPYL- see: MN8050000
GLYCIDE see: UB4375000

MB4920000 GLYCINE, N-(2-(DIMETHYLAMINO)ETHYL)-N,2-DIPHENYL-, ETHYL ESTER
UPDT:8402 MW: 326.48 MOLFM: C20-H26-N2-O2
SYN: N-beta-DIMETHYLAMINOETHYLANILINO alpha-PHENYLACETATE de ETHYLE (French) * N-(2-(DIMETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:380 mg/kg APFRAD 14,566,56

MB4930000 GLYCINE, N-(2-(DIMETHYLAMINO)ETHYL)-N,2-DIPHENYL-, PROPYL ESTER
UPDT:8402 MW: 340.51 MOLFM: C21-H28-N2-O2
SYN: N-beta-DIMETHYLAMINOETHYLANILINO alpha-PHENYLACETATE de PROPYLE (French) * N-(2-(DIMETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE PROPYL ESTER
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:550 mg/kg APFRAD 14,566,56

MB4935000 GLYCINE, N-(o-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)-
UPDT:8402 MW: 250.29 MOLFM: C11-H14-N4-O3
SYN: N-o-((3,3-DIMETHYL-1-TRIAZENO)BENZOYL)GLYCIN (German) * N-(o-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)GLYCINE * N-o-((DIMETHYL 3,3 TRIAZENO-1)BENZOYL)GLYCINE (French)
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:1200 mg/kg EJMCA5 18,401,83

MB4940000 GLYCINE, N-(p-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)-
UPDT:8402 MW: 250.29 MOLFM: C11-H14-N4-O3
SYN: N-p-((3,3-DIMETHYL-1-TRIAZENO)BENZOYL)GLYCIN (German) * N-(p-(3,3-DIMETHYL-1-TRIAZENO)BENZOYL)GLYCINE * N-p-((DIMETHYL 3,3 TRIAZENO-1)BENZOYL)GLYCINE (French)
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:840 mg/kg EJMCA5 18,401,83

MB4941000 GLYCINE, N,N'-ETHYLENEBIS(2-(o-HYDROXYPHENYL)-
UPDT:8402 MW: 360.40 MOLFM: C18-H20-N2-O6
SYN: N,N'-ETHYLENEBIS(2-(o-HYDROXYPHENYL)GLYCINE * ETHYLENEDIAMINE-N,N'-BIS(2-HYDROXYPHENYLACETIC ACID)
TOXICITY DATA AND REFERENCES:
3F07J22J30 ivn-rat LD50:47 mg/kg NTIS** PB82-163692
3F07F12J30 ivn-mus LD50:57 mg/kg NTIS** PB82-163692
GLYCIDIC ACID NITRILE see: MB5145000

MB4970000 GLYCIDIC ACID, 3-PHENYL-, ETHYL ESTER
UPDT:8305 CAS: 121-39-1 MW: 192.23 MOLFM: C11-H12-O3
SYN: ETHYL alpha,beta-EPOXYHYDROCINNAMATE * ETHYL alpha,beta-EPOXY-alpha-PHENYLPROPIONATE * ETHYL PHENYLGLYCIDATE * ETHYL 3-PHENYLGLYCIDATE * OXIRANECARBOXYLIC ACID, 3-PHENYL-, ETHYL ESTER (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 1 gm/L MUREAV 89,269,81
mma-sat 1 gm/L MUREAV 89,269,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2300 mg/kg FCTXAV 13,101,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
GLYCIDOL see: UB4375000
GLYCIDOL OLEATE see: RK0700000
GLYCIDOL STEARATE see: WI3500000

MB5145000 GLYCIDONITRILE
UPDT:8306 CAS: 4538-51-6 MW: 69.07 MOLFM: C3-H3-N-O
SYN: 2-CYANOETHYLENE OXIDE * CYANOOXIRANE * GLYCIDIC ACID NITRILE * OXIRANE CARBONITRILE
MUTATION DATA AND REFERENCES:
dnd-omi 1 mmol/L CRNGDP 4,235,83
gamma-GLYCIDOXYPROPYLTRIMETHOXYSILANE see: VV4025000
GLYCIDYL ACRYLATE see: AS9275000
GLYCIDYL ALCOHOL see: UB4375000
GLYCIDYLALDEHYDE see: MB3150000
GLYCIDYL BUTYL ETHER see: TX4200000
GLYCIDYL LAURATE see: OF0525000
GLYCIDYL METHACRYLATE see: OZ4375000
GLYCIDYL p-METHOXYPHENYL ETHER see: DA0176000
GLYCIDYL 4-METHOXYPHENYL ETHER see: DA0176000
GLYCIDYL alpha-METHYL ACRYLATE see: OZ4375000
GLYCIDYLMETHYLANILINE see: AY6046000 ALANINE, N-(3,4-EPOXYBUTYL)-
GLYCIDYL 4-METHYLPHENYL ETHER see: TZ3701000
GLYCIDYL p-NITROPHENYL ETHER see: TZ3650000
GLYCIDYL 4-NITROPHENYL ETHER see: TZ3650000
GLYCIDYL OCTADECANOATE see: WI3500000
GLYCIDYL OCTADECENOATE see: RK0700000
GLYCIDYL OLEATE see: RK0700000
GLYCIDYL PHENYL ETHER see: TZ3675000
N-GLYCIDYLPHTHALIMIDE see: TI4950000
GLYCIDYL PROPENATE see: AS9275000
GLYCIDYL STEARATE see: WI3500000
GLYCIDYL p-TOLYL ETHER see: TZ3701000

MB7530000 GLYCINAMIDE, GLUTAMYL-D-PHENYLALANYL-TRYPTOPHYL-SERYL-TYROSYL-D-ALANYL-LEUCYL-ARGINYL- PROLYL-
UPDT:8401
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:30 mg/kg (1D pre) JMCMAR 18,1244,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
GLYCINAMIDE, GLYCYL-N-(4-CHLORO-2-(2-CHLOROBENZOYL)PHENYL)-N-METHYL-, HYDRATE see: AD8227000

MB7600000 GLYCINE
UPDT:8305 CAS: 56-40-6 MW: 75.08 MOLFM: C2-H5-N-O2
SYN: AMINOACETIC ACID * GLYCOLIXIR * HAMPSHIRE GLYCINE
TOXICITY DATA AND REFERENCES:
ivn-cat LDLo:3000 mg/kg JAPMA8 31,306,42
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MB7615000 GLYCINE, N-ALLYL-2-PHENYL-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8410 MW: 255.77 MOLFM: C13-H17-N-O2-Cl-H
TOXICITY DATA AND REFERENCES:
1F12 scu-mus LDLo:3547 mg/kg JAPMA8 39,354,50

MB7634000 GLYCINE, N-(2-AMIDINOTHIOPROPIONYL)-
UPDT:8308 MW: 205.26 MOLFM: C6-H11-N3-O3-S
SYN: N-(2-AMIDINOTHIOPROPIONYL)GLYCINE * IPG
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:575 mg/kg FATOAO 44,476,81
GLYCINE, N-(AMINOCARBONYL)-N-NITRO- (9CI) see: MB9125000

MB7670000 GLYCINE, N-(N-(3-AMINO-3,3-DIPHOSPHONOPROPYL)GLYCYL)-, DIHYDRATE
UPDT:8306 CAS: 69408-66-8 MW: 385.25 MOLFM: C7-H17-N3-O9-P2 *2H2-O
SYN: N-(N-(3-AMINO-3,3-DIPHOSPHONOPROPYL)GLYCYL)GLYCINE, DIHYDRATE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:300 mg/kg KHEZAN 12(11),35,78

MB7750000 GLYCINE, N-((p-ARSONOPHENYL)CARBAMOYL)DITHIO-
UPDT:8312 MW: 350.26 MOLFM: C9-H11-As-N2-O4-S2
SYN: ((p-ARSONOPHENYL)CARBAMOYL)DITHIOCARBAMIC ACID * N-((p-ARSONOPHENYL)CARBAMOYL)DITHIOGLYCINE * DITHIOCARBOXYMETHYL-p-CARBAMIDOPHENYLARSENOUS OXIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1 gm/kg FEPRA7 6,306,47
* ipr-rat LD50:75 mg/kg FEPRA7 6,306,47
* ipr-mus LD50:100 mg/kg FEPRA7 6,306,47
Reaction mixture of GLYCINE and L-ASCORBIC ACID see: CI7667000

MB7875000 GLYCINE, N-(BENZ(a)ANTHRACEN-5-YLCARBAMOYL)-
UPDT:8401 CAS: 63018-49-5 MW: 344.39 MOLFM: C21-H16-N2-O3
SYN: N-(BENZ(a)ANTHRACEN-5-YLCARBAMOYL)GLYGINE * 1,2-BENZANTHRYL-3-CARBAMIDOACETIC ACID
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-mus TDLo:120 mg/kg CNREA8 6,454,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MB7900000 GLYCINE, N-(BENZ(a)ANTHRACEN-7-YLCARBAMOYL)-
UPDT:8401 CAS: 63018-50-8 MW: 344.39 MOLFM: C21-H16-N2-O3
SYN: N-(BENZ(a)ANTHRACEN-7-YLCARBAMOYL)GLYCINE * 1,2-BENZANTHRYL-10-CARBAMIDOACETIC ACID
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:160 mg/kg CNREA8 6,454,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
GLYCINE, N-BENZOYL- see: MR8150000
GLYCINE, N-BENZYLOXYCARBONYL-, VINYL ESTER (L- see: MC0842000

MB8150000 GLYCINE, N-BENZYL-2-PHENYL-N-(PHENYLACETYL)-, METHYL ESTER
UPDT:8309 MW: 373.48 MOLFM: C24-H23-N-O3
SYN: N-BENZYL-N-PHENYLACETYLAMINOPHENYLACETIC ACID, METHYL ESTER * N-BENZYL-2-PHENYL-N-(PHENYLACETYL)GLYCINE METHYL ESTER
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:2350 mg/kg PCJOAU 16,517,82

MB8205000 GLYCINE, N,N-BIS(2-(BIS(CARBOXYMETHYL)AMINO)ETHYL)
UPDT:8305 CAS: 67-43-6 MW: 393.40 MOLFM: C14-H23-N3-O10
SYN: ACETIC ACID, ((CARBOXYMETHYLIMINO)BIS(ETHYLENENITRILO))TETRA- * CHEL 330 * CHEL 330 ACID * DIETHYLENETRIAMINEPENTAACETIC ACID * 1,1,4,7,7 DIETHYLENETRIAMINEPENTAACETIC ACID * (DIETHYLENETRINITRILO)PENTAACETIC ACID * DTPA * HAMPLEX ACID * MONAQUEST * PENTHAMIL * PERMA KLEER * 3,6,9-TRIAZAUNDECANEDIOIC ACID, 3,6,9-TRIS(CARBOXYMETHYL)-
TOXICITY DATA AND REFERENCES:
1F12 ipr-rat LDLo:665 mg/kg AHRTAN 13,295,62
orl-mus LD50:4840 mg/kg ARZNAD 17,748,67
unk-mus LD50:4919 mg/kg ARZNAD 17,493,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MB8205500 GLYCINE, N,N-BIS(2-(BIS(CARBOXYMETHYL)AMINO)ETHYL)-, CALCIUM SALT
UPDT:8406 MW: 673.96 MOLFM: C14-H23-N3-O10 *xCa
SYN: CALCIUM DIETHYLENETRIAMINEPENTAACETIC ACID * CALCIUM DIPA
MUTATION DATA AND REFERENCES:
sce-hmn:lym 1351 ug/L BJIMAG 35,174,78

MB8210000 GLYCINE, N,N-BIS(2-(BIS(CARBOXYMETHYL)AMINO)ETHYL)-, CALCIUM TRISODIUM SALT
UPDT:8411 CAS: 12111-24-9 MW: 497.40 MOLFM: C14-H18-N3-O10-Ca-3Na
SYN: ACETIC ACID, ((CARBOXYMETHYLIMINO)BIS(ETHYLENENITRILO))TETRA-, CALCIUM TRISODIUM SALT * CALCIUM TRISODIUM CHEL 330 * CALCIUM TRISODIUM DIETHYLENETRIAMINEPENTAACETATE * CALCIUM TRISODIUM SALT of DIETHYLENETRIAMINEPENTAACETIC ACID * DIETHYLENETRIAMINE PENTAACETIC ACID, CALCIUM TRISODIUM SALT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T42T81 ipr-rat TDLo:659 mg/kg (9D preg) JANSAG 23,908,64
1T41 scu-rat TDLo:1790 mg/kg (9-13D preg) HOKBAQ 18,37,83
1T42 scu-rat TDLo:2685 mg/kg (9-13D preg) HOKBAQ 18,37,83
2T41T42 scu-mus TDLo:3581 mg/kg (7-11D preg) TJADAB 14,123,76
1T26 scu-mus TDLo:30 gm/kg (1-21D preg) HLTPAO 29,780,75
1T27 scu-mus TDLo:3580 mg/kg (7-11D preg) HLTPAO 33,624,77
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:3200 mg/kg REPMBN 10,391,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MB8222500 GLYCINE, N,N-BIS(2-(BIS(CARBOXYMETHYL)AMINO)ETHYL)-, PENTASODIUM
UPDT:8305 CAS: 140-01-2 MW: 508.35 MOLFM: C14-H23-N3-O10-5Na
SYN: ACETIC ACID, ((CARBOXYMETHYLIMINO)BIS(ETHYLENENITRILO))TETRA-, PENTASODIUM SALT * (((CARBOXYMETHYL)IMINO)BIS(ETHYLENENITRILO))TETRAACETIC ACID, PENTASODIUM SALT * CHEL 330 * DETAREX PY * DIETHYLENETRIAMINEPENTAACETATE, PENTASODIUM SALT * HAMP-EX 80 * PENTASODIUM DIETHYLENETRIAMINEPENTAACETATE
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
GLYCINE, N,N-BIS(CARBOXYMETHYL)- see: AJ0175000

MB8400000 GLYCINE, N,N-BIS(CARBOXYMETHYL)-, TRISODIUM SALT
UPDT:8305 CAS: 5064-31-3 MW: 257.10 MOLFM: C6-H6-N-O6-3Na
SYN: ACETIC ACID, NITRILOTRI-, TRISODIUM SALT * CHEELOX NTA 14 * Na3 * HAMPSHIRE NTA * NITRILOTRIACETIC ACID, TRISODIUM SALT * NTA * SODIUM NITRILOTRIACETATE * TRISODIUM NITRILOTRIACETATE * TRISODIUM NITRILOTRIACETIC ACID
MUTATION DATA AND REFERENCES:
otr-rat:emb 495 ug/plate JJATDK 1,190,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:39 gm/kg (8W male/8W pre-3W post) FCTXAV 9,509,71
1T25 orl-rat TDLo:8 gm/kg (8W male/8W pre-3W post) FCTXAV 9,509,71
TUMORIGENIC DATA AND REFERENCES:
3V02L60M61 orl-rat TDLo:70300 mg/kg/2Y-C JJIND8 66,869,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1100 mg/kg TXAPA9 18,398,71
ipr-rat LD50:254 mg/kg TXAPA9 18,398,71
orl-mus LD50:681 mg/kg NCILB* NCI-E-C-72-3252
orl-mky LD50:750 mg/kg TXAPA9 18,398,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
GLYCINE, N,N-BIS(CARBOXYMETHYL)-, TRISODIUM SALT, MONOHYDRATE see: AJ1070000

BEST COPY AVAILABLE

MB9120000 GLYCINE, N,N-BIS(PHOSPHONOMETHYL)-
UPDT:8309 CAS: 2439-99-8 MW: 263.10 MOLFM: C4-H11-N-O8-P2
SYN: N,N-BIS(PHOSPHONOMETHYL)GLYCINE * GLYPHOSINE * POLARIS
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3925 mg/kg 85ARAE 3,60,76
* orl-mam LD50:3925 mg/kg FMCHA2 -,C191,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MB9125000 GLYCINE, N-CARBAMOYL-N-NITROSO-
UPDT:8405 CAS: 60391-92-6 MW: 147.11 MOLFM: C3-H5-N3-O4
SYN: GLYCINE, N-(AMINOCARBONYL)-N-NITRO- (9CI) * NITROSO HYDANTOIC ACID
MUTATION DATA AND REFERENCES:
cyt-ham:fbr 125 mg/L/48H MUREAV 48,337,77
cyt-ham:lng 50 mg/L GMCRDC 27,95,81
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MB9129000 GLYCINE, N-CARBOXY-, N-BENZYL ESTER
UPDT:8302 CAS: 1138-80-3 MW: 209.22 MOLFM: C10-H11-N-O4
SYN: BENZYLOXYCARBONYLGLYCINE * N-BENZYLOXYCARBONYLGLYCINE * CARBOBENZOXYGLYCINE * N-CARBOBENZOXYGLYCINE * CARBOBENZOXYL GLYCINE * CARBOBENZYLOXYGLYCINE * N-CARBOBENZYLOXYGLYCINE * (CBZ)GLY * GLYCINE, N-((PHENYLMETHOXY)CARBONYL)- (9CI) * Z-GLY
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ipr-mus TDLo:280 mg/kg (28D preg) JPMSAE 70,60,81
1T22 ivg-mus TDLo:280 mg/kg (28D pre) JPMSAE 70,60,81
TOXICITY DATA AND REFERENCES:
* ivg-mus LD50:380 mg/kg JPMSAE 68,696,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
MB9133000 GLYCINE, N-CARBOXY-, N-BENZYL ESTER, 1,2-DIBROMOETHYL ESTER
UPDT:8303 MW: 395.08 MOLFM: C12-H13-Br2-N-O4
SYN: N-CARBOBENZOXYGLYCINE 1,2-DIBROMOETHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ipr-mus TDLo:280 mg/kg (28D pre) JPMSAE 70,60,81
1T22 ivg-mus TDLo:280 mg/kg (28D pre) JPMSAE 70,60,81
TOXICITY DATA AND REFERENCES:
* ivg-mus LD50:148 mg/kg JPMSAE 68,696,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
GLYCINE, N-(CARBOXYMETHYL)- see: AI2975000
MB9185000 GLYCINE, N-(CARBOXYMETHYL)-N'-(2-HYDROXYETHYL)-N,N'-ETHYLENEDI-
UPDT:8305 CAS: 150-39-0 MW: 278.30 MOLFM: C10-H18-N2-O7
SYN: N-(CARBOXYMETHYL)-N'-(2-HYDROXYETHYL)-N,N'-ETHYLENEDIGLYCINE * CHEL DM ACID * HAMP-OL ACID * HEDTA * HEEDTA * N-HYDROXYETHYLENEDIAMINETRIACETIC ACID * N-(beta-HYDROXYETHYLETHYLENEDIAMINE)-N,N,N'-TRIACETIC ACID * (N-HYDROXYETHYLETHYLENEDINITRILO)TRIACETIC ACID * VERSENOL * VERSENOL 120
TOXICITY DATA AND REFERENCES:
1F12 ipr-rat LD50:337 mg/kg AHRTAN 13,295,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MB9200000 GLYCINE, N-(CHLOROACETYL)-N-(2,6-DIETHYLPHENYL)-, ETHYL ESTER
UPDT:8309 CAS: 38727-55-8 MW: 311.84 MOLFM: C16-H22-Cl-N-O3
SYN: ANTOR * BAY NNT 6867 * N-CHLOROACETYL-N-(2,6-DIETHYLPHENYL)GLYCINE ETHYL ESTER * DIETHATYL ETHYL * H 22234 * HERCULES 22234
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2300 mg/kg FMCHA2 -,C16,83
MB9264400 GLYCINE, N-((6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-YL)CARBONYL)-
UPDT:8306 CAS: 27455-39-6 MW: 281.66 MOLFM: C12-H8-Cl-N-O5
SYN: N-((6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-YL)CARBONYL)GLYCINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1200 mg/kg APFRAD 31,313,73
MB9285500 GLYCINE, N-CYCLOHEXYL-2-PHENYL-N-(PHENYLACETYL)-, METHYL ESTER
UPDT:8309 MW: 365.51 MOLFM: C23-H27-N-O3
SYN: N-CYCLOHEXYL N-PHENYLACETYLAMINOPHENYLACETIC ACID METHYL ESTER * N-CYCLOHEXYL-2-PHENYL N-(PHENYLACETYL)GLYCINE METHYL ESTER
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:2300 mg/kg PCJOAU 16,517,82
MB9286000 GLYCINE, N-(6-DEOXY-L-MANNOSYL)-, 3-ESTER with 3-beta,14-DIHYDROXY-5-beta-CARD-20(22)- ENOLIDE
UPDT:8303 MW: 577.79 MOLFM: C31-H47-N-O9
SYN: DIGITOXIGENIN-3-beta-N-L-RHAMNOSYLGLYCYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-cat LDLo:664 ug/kg FRPSAX 36,971,81
MB9290000 GLYCINE, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-
UPDT:8308 MW: 382.43 MOLFM: C17-H18-N8-O3
SYN: N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)GLYCINE * 6-MAB-GLY
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:249 mg/kg NEOLA4 29,43,82
MB9292000 GLYCINE, N-(p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-
UPDT:8308 MW: 382.43 MOLFM: C17-H18-N8-O3
SYN: N-(p-(((2,4-DIAMINO-7-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)GLYCINE * 7-MAB-GLY
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:229 mg/kg NEOLA4 29,43,82
MB9450000 GLYCINE, N-(DIAZOACETYL)-, HYDRAZIDE
UPDT:8407 CAS: 820-75-7 MW: 157.16 MOLFM: C4-H7-N5-O2
SYN: N-DIAZOACETYLGLICINA-IDRAZIDE (Italian) * DIAZOACETYLGLYCINE HYDRAZIDE * N-(DIAZOACETYL)GLYCINE HYDRAZINE * N-DIAZOACETYL GLYCYLHYDRAZIDE * NSC-58404
MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate AMACCQ 6,655,74
mma-sat 10 ug/plate PNASA6 72,5135,75
dns-mus:fbr 2500 umol/L JCROD7 94,7,79
TUMORIGENIC DATA AND REFERENCES:
3V01J60P61 ipr-mus TDLo:1200 mg/kg/4D-I BSIBAC 45,227,69
3V02J60P61 ipr-mus TD :720 mg/kg/4D-I BSIBAC 45,227,69
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1335 mg/kg CCROBU 53,13,69
ivn-rat LD50:1595 mg/kg CCROBU 53,13,69
orl-mus LD50:3852 mg/kg CCROBU 53,13,69
ipr-mus LD50:2575 mg/kg CCROBU 53,13,69
scu-mus LD50:2985 mg/kg CCROBU 53,13,69
ivn-dog LDLo:39 mg/kg CCROBU 53,13,69
ivn-rbt LDLo:833 mg/kg CCROBU 53,13,69
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
MB9585000 GLYCINE, N-(4,5-DICHLORO-2-NITROPHENYL)-
UPDT:8405 MW: 265.06 MOLFM: C8-H6-Cl2-N2-O4
SYN: N-(4,5-DICHLORO-2-NITROPHENYL)GLYCINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg JPMSAE 51,783,62

MB9585500 GLYCINE, N-(4,5-DICHLORO-2-NITROPHENYL)-, ETHYL ESTER
UPDT:8405 MW: 293.12 MOLFM: C10-H10-Cl2-N2-O4
SYN: N-(4,5-DICHLORO-2-NITROPHENYL)GLYCINE ETHYL ESTER * ETHYL N-(4,5-DICHLORO-2-NITROPHENYL)GLYCINATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:800 mg/kg JPMSAE 51,783,62
MB9600000 GLYCINE, N-((DIETHYLAMINO)ACETYL)-2-PHENYL-, ISOPENTYL ESTER, HYDROCHLORIDE
UPDT:8412 MW: 370.97 MOLFM: C19-H30-N2-O3-Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg YKKZAJ 76,1175,56
MB9610000 GLYCINE, N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYL-, BUTYL ESTER
UPDT:8311 MW: 382.60 MOLFM: C24-H34-N2-O2
SYN: N-beta-DIETHYLAMINOETHYLANILINO alpha-PHENYLACETATE de n-BUTYLE (French) * N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE BUTYL ESTER
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:310 mg/kg APFRAD 14,566,56
MB9612900 GLYCINE, N-(2-DIETHYLAMINOETHYL)-2,2-DIPHENYL-, ETHYL ESTER
UPDT:8405 MW: 354.54 MOLFM: C22-H30-N2-O2
SYN: D-404 * N-(2-DIETHYLAMINOETHYL)-2,2-DIPHENYLGLYCINE ETHYL ESTER * ETHYL alpha-(beta-DIETHYLAMINOETHYLAMINO)DIPHENYLACETATE
IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm/3M JAPMA8 44,743,55
TOXICITY DATA AND REFERENCES:
3A11F12F13 ipr-rat LD50:71500 ug/kg JAPMA8 44,743,55
MB9613000 GLYCINE, N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYL-, ETHYL ESTER
UPDT:8311 MW: 354.54 MOLFM: C22-H30-N2-O2
SYN: N-beta-DIETHYLAMINOETHYLANILINO alpha-PHENYLACETATE d'ETHYLE (French) * N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:350 mg/kg APFRAD 14,566,56
MB9615000 GLYCINE, N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYL-, ISOPENTYL ESTER
UPDT:8311 MW: 396.63 MOLFM: C25-H36-N2-O2
SYN: N-beta-DIETHYLAMINOETHYLANILINO alpha-PHENYLACETATE d'ISOAMYLE (French) * N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE ISOPENTYL ESTER
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:500 mg/kg APFRAD 14,566,56
MB9617000 GLYCINE, N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYL-, MONOHYDROCHLORIDE
UPDT:8311 MW: 362.94 MOLFM: C20-H26-N2-O2-Cl-H
SYN: N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:330 mg/kg APFRAD 14,566,56
MB9618000 GLYCINE, N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYL-, PROPYL ESTER
UPDT:8311 MW: 368.57 MOLFM: C23-H32-N2-O2
SYN: N-beta-DIETHYLAMINOETHYLANILINO alpha-PHENYLACETATE de PROPYLE (French) * N-(2-(DIETHYLAMINO)ETHYL)-N,2-DIPHENYLGLYCINE PROPYL ESTER
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:380 mg/kg APFRAD 14,566,56
MB9625000 GLYCINE, N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYL-, ISOPENTYL ESTER
UPDT:8411 CAS: 54-30-8 MW: 320.53 MOLFM: C19-H32-N2-O2
SYN: ACAMYLOPHENINE * ADOPON * AVACAN * AVOCAN * BELOSIN * BENZENEACETIC ACID, alpha-(2-(DIETHYLAMINOETHYL)AMINO)-, 3-METHYLBUTYL ESTER * CAMYLOFINE * CAMYLOPIN * alpha-(N,beta-DIETHYLAMINOETHYL)AMINOPHENYLACETIC ACID ISOAMYL ESTER * N-(2-DIETHYLAMINOETHYL)-2-PHENYLGLYCINE ISOPENTYL ESTER * ISOAMYL N-(beta-DIETHYLAMINOETHYL)-alpha-AMINOPHENYLACETATE * ISOAMYL alpha-(N-(beta-DIETHYLAMINOETHYL)) AMINOPHENYLACETATE * ISOPENTYL ALCOHOL, ester with N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYLGLYCINE * NOVOSPASMIN * PHENYLDIETHYLAMINOETHYL-1'-AMINOACETIC ACID, ISOPENTYL ESTER * SINTESPASMIL
TOXICITY DATA AND REFERENCES:
orl-mus LD50:760 mg/kg DMWOAX 76,479,51
* ipr-mus LD50:175 mg/kg YKKZAJ 76,1175,56
* scu-mus LD50:1350 mg/kg 85ESA3 9,220,76
* ivn-mus LD50:49 mg/kg 85ESA3 9,220,76
MB9640000 GLYCINE, N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYL-, ISOPENTYL ESTER, DIHYDROCHLORIDE
UPDT:8405 CAS: 5892-41-1 MW: 393.45 MOLFM: C19-H32-N2-O2-2Cl-H
SYN: ACAMYLOPHENINE DIHYDROCHLORIDE * AVACAN * BENZENEACETIC ACID, alpha-((2-(DIETHYLAMINO)ETHYL)AMINO)-, 3-METHYLBUTYL ESTER, 2HCl (9CI) * CAMYLOFINE DIHYDROCHLORIDE * CAMYLOFINE HYDROCHLORIDE * CAMYLOFIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:760 mg/kg MEIEDD 10,239,83
* scu-mus LD50:1350 mg/kg MEIEDD 10,239,83
* ivn-mus LD50:49200 ug/kg MEIEDD 10,239,83
MB9663500 GLYCINE, N,N-DIETHYL-, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, (Z)-
UPDT:8312 MW: 274.36 MOLFM: C14-H18-N4-O2
SYN: N,N-DIETHYLGLYCINE cis-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2100 mg/kg FRPSAX 38,559,83
* ipr-mus LD50:488 mg/kg FRPSAX 38,559,83
MB9803000 GLYCINE, N-(3,5-DIIODOBENZENESULFONYL)-
UPDT:8405 MW: 467.02 MOLFM: C8-H7-I2-N-O4-S
SYN: N-(3,5-DIIODOBENZENESULFONYL)GLYCINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg JAPMA8 43,495,54
GLYCINE, N-(3-((DIMETHOXYPHOSPHINYL)OXY)-1-OXOBUTENYL)-, ETHYL ESTER, (E)- see: MC0580000
MB9870000 GLYCINE, N-((DIMETHYLAMINO)ACETYL)-2-PHENYL-, ISOPENTYL ESTER, HYDROCHLORIDE
UPDT:8412 MW: 342.91 MOLFM: C17-H26-N2-O3-Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:170 mg/kg YKKZAJ 76,1175,56
MB9890000 GLYCINE, N-(2-DIMETHYLAMINOETHYL)-2,2-DIPHENYL-, ETHYL ESTER
UPDT:8405 MW: 326.48 MOLFM: C20-H26-N2-O2
SYN: D-403 * N-(2-DIMETHYLAMINOETHYL)-2,2-DIPHENYLGLYCINE ETHYL ESTER * ETHYL alpha-(beta-DIMETHYLAMINOETHYLAMINO)DIPHENYLACETATE
IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm/3M JAPMA8 44,743,55
TOXICITY DATA AND REFERENCES:
3A11F12F13 ipr-rat LD50:119 mg/kg JAPMA8 44,743,55
MB9895000 GLYCINE, N-(2-(DIMETHYLAMINO)ETHYL)-2-PHENYL-, ISOPENTYL ESTER, HYDROCHLORIDE
UPDT:8412 MW: 328.93 MOLFM: C17-H28-N2-O2-Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:225 mg/kg YKKZAJ 76,1175,56
MC0015000 GLYCINE, N,N-DIMETHYL-, (1-METHYL-2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, (E)-
UPDT:8312 MW: 260.33 MOLFM: C13-H16-N4-O2
SYN: N,N-DIMETHYLGLYCINE trans-(1-METHYL-2-OXO-3-INDOLINYLIDENE)HYDRAZIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:489 mg/kg FRPSAX 38,559,83
MC0030000 GLYCINE, N,N-DIMETHYL-, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, HYDROCHLORIDE, (Z)-
UPDT:8312 MW: 282.76 MOLFM: C12-H14-N4-O2-Cl-H

BEST COPY AVAILABLE

SYN: N,N-DIMETHYLGLYCINE cis-(2-OXO-INDOLINYLIDENE)HYDRAZIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:237 mg/kg FRPSAX 38,559,83

MC0070000 GLYCINE, N-(2,4-DINITROPHENYL)-
UPDT:8405 CAS: 1084-76-0 MW: 241.18 MOLFM: C8-H7-N3-O6
SYN: N-(2,4-DINITROPHENYL)GLYCINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg JPMSAE 51,783,62

MC0180000 GLYCINE, N,2-DIPHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MALEATE
UPDT:8303 MW: 442.56 MOLFM: C20-H26-N2-O2 · C4-H4-O4
SYN: N,2-DIPHENYLGLYCINE 2-(DIETHYLAMINO)ETHYL ESTER MALEATE
TOXICITY DATA AND REFERENCES:
1E15 orl-mam LD50:1850 mg/kg FRPSAX 37,678,82

MC0200000 GLYCINE, N,2-DIPHENYL-, 2-(DIMETHYLAMINO)ETHYL ESTER, MALEATE
UPDT:8303 MW: 414.50 MOLFM: C18-H22-N2-O2 · C4-H4-O4
SYN: N,2-DIPHENYLGLYCINE 2-(DIMETHYLAMINO)ETHYL ESTER MALEATE
TOXICITY DATA AND REFERENCES:
1E15 orl-mam LD50:1980 mg/kg FRPSAX 37,678,82

MC0300000 GLYCINE, N,2-DIPHENYL-N-(PHENYLACETYL)-
UPDT:8309 MW: 345.42 MOLFM: C22-H19-N-O3
SYN: N,2-DIPHENYL-N-(PHENYLACETYL)GLYCINE * N-PHENYL-N-PHENACETYLPHENYLACETIC ACID
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:430 mg/kg PCJOAU 16,517,82

MC0310000 GLYCINE, N,2-DIPHENYL-N-(PHENYLACETYL)-, ETHYL ESTER
UPDT:8309 MW: 373.48 MOLFM: C24-H23-N-O3
SYN: N,2-DIPHENYL-N-(PHENYLACETYL)GLYCINE ETHYL ESTER * N-PHENYL-N-PHENACETYLPHENYLACETIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LDLO:4500 mg/kg PCJOAU 16,517,82

MC0320000 GLYCINE, N,2-DIPHENYL-N-(PHENYLACETYL)-, METHYL ESTER
UPDT:8309 MW: 359.45 MOLFM: C23-H21-N-O3
SYN: N,2-DIPHENYL-N-(PHENYLACETYL)GLYCINE METHYL ESTER * N-PHENYL N-PHENYLACETYLAMINOPHENYLACETIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LDLo:5000 mg/kg PCJOAU 16,517,82

MC0355600 GLYCINE, N-(DITHIOCARBOXY)-, L-, ZINC SALT, TRIHYDRATE
UPDT:8408 MW: 268.62 MOLFM: C3-H3-N-O2-S2 · Zn · 3H2-O
SYN: L-N-(DITHIOCARBOXY)GLYCINE ZINC SALT TRIHYDRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg PRLFAG 32(2),55,80

MC0356000 GLYCINE, N-DODECYL-
UPDT:8306 CAS: 2274-80-8 MW: 243.44 MOLFM: C14-H29-N-O2
SYN: DODECYLGLYCINE * N-DODECYLGLYCINE * N-LAURYLAMINOACETIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg PCJOAU 15,383,81

GLYCINE, N,N'-1,2-ETHANEDIYLBIS(N-(CARBOXYMETHYL)- (9CI) see: AH4025000
GLYCINE, N,N'-1,2-ETHANEDIYLBIS(N-(CARBOXYMETHYL)-, DISODIUM SALT (9CI) see: AH4375000
GLYCINE, N,N'-1,2-ETHANEDIYLBIS(N-(CARBOXYMETHYL)-, TETRASODIUM SALT (9CI) see: AH5075000
GLYCINE, N,N'-1,2-ETHANEDIYLBIS(N-(CARBOXYMETHYL)-, TRISODIUM SALT (9CI) see: AH5250000

MC0450000 GLYCINE, N-(p-ETHOXYPHENYL)-2-PHENYL-, 2-(DIMETHYLAMINO)ETHYL ESTER, SALICYLATE
UPDT:8303 MW: 480.61 MOLFM: C29-H26-N2-O3 · C7-H6-O3
SYN: N-(p-ETHOXYPHENYL)-2-PHENYLGLYCINE 2-(DIMETHYLAMINO)ETHYL ESTER SALICYLATE
TOXICITY DATA AND REFERENCES:
1E15 orl-mam LD50:1680 mg/kg FRPSAX 37,678,82

MC0490000 GLYCINE, N,N'-ETHYLENEBIS(N-(2-CHLOROETHYL)-, DIETHYL ESTER, DIPICRYLSULFONATE
UPDT:8311 MW: 783.68 MOLFM: C14-H26-Cl2-N2-O4 · 2C6-H3-N3-O4-S
SYN: N,N'-ETHYLENEBIS(N-(2-CHLOROETHYL)GLYCINE) DIETHYL ESTER DIPICRYLSULFONATE
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:175 mg/kg CPBTAL 9,679,61

MC0491000 GLYCINE, N,N'-ETHYLENEBIS(N-(2-CHLOROETHYL)-, DIHYDROCHLORIDE
UPDT:8311 MW: 374.12 MOLFM: C10-H18-Cl2-N2-O4 · 2Cl-H
SYN: N,N-BIS(2-CHLOROETHYL)-N'N'-BIS(CARBOXYMETHYL)ETHYLENEDIAMINE * N,N'-ETHYLENEBIS(N-(2-CHLOROETHYL)GLYCINE) DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:30 mg/kg CPBTAL 9,679,61

MC0525500 GLYCINE, N-ETHYL-N-((HEPTADECAFLUOROCTYL)SULFONYL)-, POTASSIUM SALT
UPDT:8408 MW: 623.36 MOLFM: C12-H7-F17-N-O4-S · K
SYN: FC-128 * FLUORAD FC 128
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:619 mg/kg TOXID9 4,173,84
* ihl-rat LCLo:5700 mg/m3/4H TOXID9 4,173,84

MC0527000 GLYCINE, N-ETHYL-, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, HYDROCHLORIDE, (Z)-
UPDT:8312 MW: 282.76 MOLFM: C12-H14-N4-O2 · Cl-H
SYN: N-ETHYLGLYCINE cis-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:418 mg/kg FRPSAX 38,559,83

MC0536000 GLYCINE, N-(FLUOROACETYL)-N-1-NAPHTHYL-, METHYL ESTER
UPDT:8408 CAS: 23554-61-2 MW: 275.30 MOLFM: C15-H14-F-N-O3
SYN: N-(FLUOROACETYL)-N-1-NAPHTHYLGLYCINE METHYL ESTER
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:224 mg/kg YKKZAJ 88,1620,68

MC0550000 GLYCINE, N-FORMYL-N-HYDROXY-
UPDT:8411 CAS: 689-13-4 MW: 119.09 MOLFM: C3-H5-N-O4
SYN: ASYMMETRIN * N-FORMYL HYDROXYAMINOACETIC ACID * N-FORMYL-N-HYDROXYGLYCINE * HADACIDIN * HADACIDINE * HADACIN * NFHAA * NSC 521778
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	ipr-rat TDLo:2250 mg/kg (12D preg)	ABILAE 80,167,69
1T42	ipr-rat TDLo:6750 mg/kg (7-15D preg)	CRSBAW 164,1919,70
2T45T46	ipr-rat TDLo:1 gm/kg (12D preg)	FAATDF 4,356,84
2T42T43	ipr-rat TDLo:4 gm/kg (11D preg)	JEEMAF 15,193,66
1T48	par-rat TDLo:5 gm/kg (1CD preg)	TJADAB 2,267,69
2T43T46	ipr-mus TDLo:4500 mg/kg (6-14D preg)	CRSBAW 164,2171,70
1T42	ipr-mus TDLo:6750 mg/kg (6-14D preg)	CRSBAW 164,2171,70
1T35	ipr-mus TDLo:3 gm/kg (8-11D preg)	CRSBAW 164,2171,70
2T33T46	ipr-mus TDLo:2 gm/kg (10D preg)	PCBRD2 110,365,83
3T35T41T42	ipr-ham TDLo:2400 mg/kg (6-13D preg)	CRSBAW 164,2171,70
3T43T46T55	ipr-ham TDLo:2400 mg/kg (6-13D preg)	CRSBAW 164,2171,70

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:5000 mg/kg ADTEAS 3,181,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75; ARVPAX 5,447,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MC0556000 GLYCINE, N-(N-l-gamma-GLUTAMYL-L-CYSTEINYL)-
UPDT:8312 CAS: 70-18-8 MW: 307.36 MOLFM: C10-H17-N3-O6-S
SYN: COPREN * DELTATHIONE * GLUTATHION * GLUTATHIONE * GLUTATHIONE (reduced) * GLUTATHIONE SH * GLUTATIOL * GLUTATIONE * L-GLUTATIONE * GLUTIDE * GLUTINAL * GSH * ISETHION * NEUTHION * REDUCED GLUTATHIONE * TATHION * TATHIONE * TRIPTIDE
MUTATION DATA AND REFERENCES:

mma-sat 6 mmol/L	SCIEAS 220,961,83
pic-ami 500 ppm	JGMIAN 8,116,53
dns-hmn:fbr 1 mmol/L	CALEDQ 5,199,78
dni-rat:lvr 1 mmol/L	ABBIA4 166,400,75
cyt-ham:ovr 1 mmol/L	CALEDQ 5,199,78
sce-ham:ovr 100 umol/L	MUREAV 68,351,79
dni-mam:lym 10 mmol/L	CBINA8 31,265,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:1250 mg/kg (1-22D preg) AJANA2 110,29,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MC0570000 GLYCINE, N-(3-HYDROXYCROTONOYL)-, ETHYL ESTER, DIMETHYL PHOSPHATE
UPDT:8309 CAS: 63938-40-9 MW: 295.26 MOLFM: C10-H18-N-O7-P
SYN: ACETIC ACID, ((3-((DIMETHOXYPHOSPHINYL)OXY)-1-OXO-2-BUTENYL)AMINO)-, ETHYL ESTER * ENT 25,716 * ETHYL ((3-((DIMETHOXYPHOSPHINYL)OXY)-1-OXO-2-BUTENYL)AMINO)ACETATE * SD-6830 * SHELL SD-6830
TOXICITY DATA AND REFERENCES:
orl-mus LD50:307 mg/kg ARSIM* 20,19,66

MC0580000 GLYCINE, N-(3-HYDROXY-cis-CROTONOYL)-, ETHYL ESTER, DIMETHYL PHOSPHATE
UPDT:8309 CAS: 63938-41-0 MW: 295.26 MOLFM: C10-H18-N-O7-P
SYN: (E)-N-(3-((DIMETHOXYPHOSPHINYL)OXY)-1-OXOBUTENYL)GLYCINE ETHYL ESTER * ENT 27,266 * GLYCINE, N-(3-((DIMETHOXYPHOSPHINYL)OXY)-1-OXOBUTENYL)-, ETHYL ESTER, (E)- * SD-11478 * SHELL SD-11478
TOXICITY DATA AND REFERENCES:
orl-mus LD50:152 mg/kg ARSIM* 20,21,66

MC0590000 GLYCINE, N-(3-HYDROXYCROTONOYL)-, METHYL ESTER, DIMETHYL PHOSPHATE
UPDT:8309 CAS: 63938-42-1 MW: 281.23 MOLFM: C9-H16-N-O7-P
SYN: ACETIC ACID, ((3-((DIMETHOXYPHOSPHINYL)OXY)-1-OXO-2-BUTENYL)AMINO)-, METHYL ESTER * ENT 25,742 * METHYL ((3-((DIMETHOXYPHOSPHINYL)OXY)-1-OXO-2-BUTENYL)AMINO)ACETATE * SD-7297 * SHELL SD-7297
TOXICITY DATA AND REFERENCES:
orl-mus LD50:38 mg/kg ARSIM* 20,19,66

GLYCINE, N-(3-IODOBENZOYL)- (9CI) see: MR8161000
GLYCINE, N-(4-IODOBENZOYL)- (9CI) see: MR8161500

MC0596200 GLYCINE, N-(p-IODOPHENYLACETYL)-
UPDT:8405 MW: 319.11 MOLFM: C10-H10-I-N-O3
SYN: p-IODOPHENACETURIC ACID * N-(p-IODOPHENYLACETYL)GLYCINE
TOXICITY DATA AND REFERENCES:
* unk-rat LDLo:1100 mg/kg JAPMA8 42,721,53

MC0596300 GLYCINE, compd. with IRON SULFATE
UPDT:8412 CAS: 17169-60-7 MW: 226.99 MOLFM: C2-H4-Fe-N-O6-S · H
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5590 mg/kg AJMSA9 241,296,61
* orl-mus LD50:1940 mg/kg AJMSA9 241,296,61
* ipr-mus LD50:365 mg/kg AJMSA9 241,296,61

GLYCINE, N-(2-MERCAPTO-1-OXOPROPYL)- (9CI) see: MC0596500

MC0596500 GLYCINE, N-(2-MERCAPTOPROPIONYL)-
UPDT:8406 CAS: 1953-02-2 MW: 163.21 MOLFM: C5-H9-N-O3-S
SYN: GLYCINE, N-(2-MERCAPTO-1-OXOPROPYL)- (9CI) * MEPRIN * MEPRIN (DETOXICANT) * MERCAPTOPROPIONYLGLYCINE * alpha-MERCAPTOPROPIONYLGLYCINE * (2-MERCAPTOPROPIONYL)GLYCINE * N-(2-MERCAPTOPROPIONYL)GLYCINE * MUCOLYSIN * THIOLA * TIOPRONIN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1300 mg/kg NIIRDN 6,456,82
* orl-mus LD50:2330 mg/kg NIIRDN 6,456,82
* ivn-mus LD50:2100 mg/kg NIIRDN 6,456,82

MC0596550 GLYCINE, N-(2-MERCAPTOPROPIONYL)-, S-DIETHYLDITHIOCARBAMATE
UPDT:8305 MW: 278.42 MOLFM: C10-H18-N2-O3-S2
SYN: N-(2-MERCAPTOPROPIONYL)GLYCINE S-DIETHYLDITHIOCARBAMATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2750 mg/kg FATOAO 44,476,81

MC0596570 GLYCINE, N-(2-MERCAPTOPROPIONYL)-, S-ESTER with DIETHYLDITHIOCARBAMIC ACID
UPDT:8308 MW: 278.42 MOLFM: C10-H18-N2-O3-S2
SYN: DDTCP * N-(2-MERCAPTOPROPIONYL)GLYCINE S-ESTER with DIETHYLDITHIOCARBAMIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2750 mg/kg RPTOAN 44,126,81

MC0596600 GLYCINE, N-(2-MERCAPTOPROPIONYL)-, S-ESTER with DISODIUM PHOSPHOROTHIOATE
UPDT:8305 MW: 273.14 MOLFM: C5-H8-O6-P-S · 2Na
SYN: N-(2-MERCAPTOPROPIONYL)GLYCINE DISODIUM PHOSPHOROTHIOATE (ester)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1118 mg/kg FATOAO 44,476,81

MC0596700 GLYCINE, N-(2-MERCAPTOPROPIONYL)-, S-ESTER with SODIUM THIOSULFATE
UPDT:8305 MW: 265.25 MOLFM: C5-H8-N-O6-S2 · Na
SYN: N-(2-MERCAPTOPROPIONYL)GLYCINE S-THIOSULFATE (ester) SODIUM SALT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:7500 mg/kg FATOAO 44,476,81

GLYCINE, N-METHYL-N-NITROSO- see: VQ3150000
GLYCINE, N-2-NAPHTHALENYL-, HYDRAZIDE, DIHYDROCHLORIDE (9CI) see: MC0680000

MC0680000 GLYCINE, N-(2-NAPHTHYL)-, HYDRAZIDE, DIHYDROCHLORIDE
UPDT:8303 CAS: 70700-31-1 MW: 288.20 MOLFM: C12-H13-N3-O · 2Cl-H
SYN: GLYCINE, N-2-NAPHTHALENYL-, HYDRAZIDE, DIHYDROCHLORIDE (9CI) * MC 1415 * DIHYDROCHLORIDE * N-(2-NAPHTHYL) GLYCINE HYDRAZIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F15U01 orl-mus LD50:593 mg/kg JIISAD 60,205,78
2F15U01 ipr-mus LD50:247 mg/kg JIISAD 60,205,78

MC0801000 GLYCINE, N-(m-NITROPHENYL)-
UPDT:8406 MW: 196.18 MOLFM: C8-H8-N2-O4
SYN: N-(m-NITROPHENYL)GLYCINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:739 mg/kg JAPMA8 48,419,59

MC0801100 GLYCINE, N-(o-NITROPHENYL)-
UPDT:8406 CAS: 5427-99-6 MW: 196.18 MOLFM: C8-H8-N2-O4
SYN: N-(o-NITROPHENYL)GLYCINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:470 mg/kg JAPMA8 48,419,59

MC0801200 GLYCINE, N-(p-NITROPHENYL)-
UPDT:8406 MW: 196.18 MOLFM: C8-H8-N2-O4
SYN: N-(p-NITROPHENYL)GLYCINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:632 mg/kg JAPMA8 48,419,59

BEST COPY AVAILABLE

MC0802000 GLYCINE, N-(m-NITROPHENYL)-, ETHYL ESTER
UPDT:8406 MW: 224.24 MOLFM: C10-H12-N2-O4
SYN: ETHYL N-(m-NITROPHENYL)GLYCINATE * N-(m-NITROPHENYL)GLYCINE ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:525 mg/kg JAPMA8 48,419,59

MC0802100 GLYCINE, N-(o-NITROPHENYL)-, ETHYL ESTER
UPDT:8406 MW: 224.24 MOLFM: C10-H12-N2-O4
SYN: ETHYL N-(o-NITROPHENYL)GLYCINATE * N-(o-NITROPHENYL)GLYCINE ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg JAPMA8 48,419,59

MC0802200 GLYCINE, N-(p-NITROPHENYL)-, ETHYL ESTER
UPDT:8406 CAS: 3589-59-1 MW: 224.24 MOLFM: C10-H12-N2-O4
SYN: ETHYL N-(p-NITROPHENYL)GLYCINATE * N-(p-NITROPHENYL)GLYCINE ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:632 mg/kg JAPMA8 48,419,59

MC0815200 GLYCINE, 2-PHENYL-, 3,3-DIMETHYLBUTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 271.82 MOLFM: C14-H21-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:166 mg/kg PHARAT 38,310,83

MC0815300 GLYCINE, 2-PHENYL-, 6,6-DIMETHYLHEPTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 313.91 MOLFM: C17-H27-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:156 mg/kg PHARAT 38,310,83

MC0815400 GLYCINE, 2-PHENYL-, 5,5-DIMETHYLHEXYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 299.88 MOLFM: C16-H25-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:132 mg/kg PHARAT 38,310,83

MC0815500 GLYCINE, 2-PHENYL-, 4,4-DIMETHYLPENTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8412 CAS: 58568-02-8 MW: 285.85 MOLFM: C15-H23-N-O2 Cl-H
SYN: DL-2-PHENYLGLYCINE 4,4-DIMETHYLPENTYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:112 mg/kg PHARAT 30,765,75

MC0825000 GLYCINE, 2-PHENYL-, HEXADECYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 412.12 MOLFM: C24-H41-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:450 mg/kg PHARAT 38,310,83

MC0835000 GLYCINE, 2-PHENYL-, ISOBUTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 243.76 MOLFM: C12-H17-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:880 mg/kg PHARAT 38,310,83

MC0836000 GLYCINE, 2-PHENYL-, ISOHEPTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 285.85 MOLFM: C15-H23-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:107 mg/kg PHARAT 38,310,83

MC0837000 GLYCINE, 2-PHENYL-, ISOHEXYL ESTER, HYDROCHLORIDE, DL-
UPDT:8410 MW: 271.82 MOLFM: C14-H21-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:188 mg/kg PHARAT 38,310,83

MC0840000 GLYCINE, 2-PHENYL-, ISOPENTYL ESTER, HYDROCHLORIDE, DL-
UPDT:8412 CAS: 31031-74-0 MW: 257.79 MOLFM: C13-H19-N-O2 Cl-H
SYN: AKLONIN (German) * AKLONINE * (+-)-alpha-AMINOBENZENEACETIC ACID 3-METHYLBUTYL ESTER HYDROCHLORIDE * BENZENEACETIC ACID, alpha-AMINO-, 3-METHYLBUTYL ESTER, HYDROCHLORIDE (+-)- (9CI) * ISOAMYL PHENYLAMINOACETATE HYDROCHLORIDE * ISOPENTYL 2-PHENYLGLYCINATE HYDROCHLORIDE * 3-METHYLBUTYL alpha-AMINOBENZENEACETATE HYDROCHLORIDE (+-)- * PHENAMACIDE HYDROCHLORIDE * PHENYLAMINOACETIC ACID ISOAMYL ESTER HYDROCHLORIDE * 2-PHENYLGLYCINE ISOPENTYL ESTER HYDROCHLORIDE * D,L-2-PHENYLGLYCINISOAMYLESTERHYDROCHLORID (German)
TOXICITY DATA AND REFERENCES:
orl-mus LD50:2600 mg/kg PHARAT 33,749,78
ipr-mus LD50:415 mg/kg PHARAT 30,765,75
ivn-mus LD50:77 mg/kg PHARAT 33,749,78

GLYCINE, N-((PHENYLMETHOXY)CARBONYL)- (9CI) see: MB9129000

MC0842000 GLYCINE, N-((PHENYLMETHOXY)CARBONYL)-, ETHENYL ESTER
UPDT:8303 CAS: 64187-24-2 MW: 235.26 MOLFM: C12-H13-N-O4
SYN: N-CARBOBENZOXYGLYCINE VINYL ESTER * GLYCINE, N-BENZYLOXYCARBONYL-, VINYL ESTER, L-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ipr-mus TDLo:280 mg/kg (28D pre) JPMSAE 70,60,81
1T22 ivg-mus TDLo:280 mg/kg (28D pre) JPMSAE 70,60,81
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:501 mg/kg JMCMAR 20,1584,77
* ivg-mus LD50:500 mg/kg JPMSAE 68,696,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MC0858000 GLYCINE, 2-PHENYL-N-(PIPERIDINOACETYL)-, ISOPENTYL ESTER, HYDROCHLORIDE
UPDT:8412 MW: 381.97 MOLFM: C20-H29-N2-O3 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:210 mg/kg YKKZAJ 76,1175,56

MC1065000 GLYCINE, 2-PHENYL-, 3,3,5-TRIMETHYLCYCLOHEXYL ESTER
UPDT:8303 MW: 275.43 MOLFM: C17-H25-N-O2
SYN: 2-PHENYLGLYCINE 3,3,5-TRIMETHYLCYCLOHEXYL ESTER
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:7 gm/kg BCFAAI 97,38,58

MC1075000 GLYCINE, N-(PHOSPHONOMETHYL)-
UPDT:8403 CAS: 1071-83-6 MW: 169.09 MOLFM: C3-H8-N-O5-P
SYN: GLYPHOSATE * MON 0573 * N-(PHOSPHONOMETHYL)GLYCINE
TOXICITY DATA AND REFERENCES:
3F12J26U25 orl-rat LD50:470 mg/kg TOLED5 1000(Sp 1),148,80
3F12J26U25 ipr-rat LD50:235 mg/kg TOLED5 1000(Sp 1),148,80
3F12J26U25 orl-mus LD50:1568 mg/kg TXAPA9 45,319,78
3F12J26U25 ipr-mus LD50:130 mg/kg TOLED5 1000(Sp 1),148,80
orl-rbt LD50:3800 mg/kg PESTC* 7,6,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MC1089000 GLYCINE, N-((p-(1-PYRROLYL)PHENYL)ACETYL)-
UPDT:8309 MW: 258.30 MOLFM: C14-H14-N2-O3
SYN: ACIDO 4-(1-PIRRIL)FENILACETAMIDOACETICO (Italian) * N-((p-(1-PYRROLYL)PHENYL)ACETYL)GLYCINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1150 mg/kg FRPSAX 30,90,83
* ipr-mus LD50:1000 mg/kg FRPSAX 38,90,83

MC1095000 L-GLYCINE, mixed with SODIUM NITRITE
UPDT:8403 MW: 144.08 MOLFM: C2-H5-N-O2 N-Na-O2
SYN: SODIUM NITRITE mixed with L-GLYCINE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate ABCHA6 47,405,83
mmo-sat 1 mg/plate ABCHA6 47,405,83

MC1110000 GLYCINE, SODIUM SALT, compd. with THEOPHYLLINE
UPDT:8406 MW: 276.24 MOLFM: C2-H4-N-O2 Na C7-H7-N4 O2
SYN: SODIUM THEOPHYLLINE GLYCINATE
TOXICITY DATA AND REFERENCES:
1F12 ipr-rat LD50:350 mg/kg JAPMA8 36,248,47

MC1138000 GLYCINE, N-(3,4,5-TRIIODOBENZENESULFONYL)-, SODIUM SALT
UPDT:8405 MW: 614.89 MOLFM: C8-H5-I3-N-O4-S Na
SYN: SODIUM N-(3,4,5-TRIIODOBENZENESULFONYL)GLYCINATE * N-(3,4,5-TRIIODOBENZENESULFONYL)GLYCINE SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4000 mg/kg JAPMA8 43,495,54

MC1143000 GLYCINE, TRIMETHYLENEBIS(N-(2-CHLOROETHYL)-, DIPICRATE
UPDT:8311 MW: 773.47 MOLFM: C11-H20-Cl2-N2-O4 2C6-H1-N3-O7
SYN: N,N-BIS(2-CHLOROETHYL)-N',N'-BIS(CARBOXYMETHYL)TRIMETHYLENEDIAMINE DIPICRATE * TRIMETHYLENEBIS(N-(2-CHLOROETHYL)GLYCINE) DIPICRATE
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:75 mg/kg CPBTAL 9,679,61

GLYCIN, N-(2-IODOBENZOYL)-, MONOSODIUM SALT (9CI) see: MB8162000

GLYCINOL see: KJ5775000

GLYCINONITRILE, N,N-DIETHYL- see: AL8575000

GLYCINONITRILE, N,N-DIMETHYL- see: AL9450000

MC1800000 GLYCINONITRILE, N,N'-ETHYLENEBIS(N-(2-CHLOROETHYL)-, HYDROCHLORIDE
UPDT:8311 MW: 299.66 MOLFM: C10-H16-Cl2-N4 Cl-H
SYN: N,N'-BIS(2-CHLOROETHYL)-N,N'-BIS(2-CYANOETHYL)ETHYLENEDIAMINE HYDROCHLORIDE * N,N'-ETHYLENEBIS(N-(2-CHLOROETHYL)GLYCINONITRILE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:75 mg/kg CPBTAL 9,679,61

GLYCINONITRILE HYDROCHLORIDE see: MC1950000

MC1950000 GLYCINONITRILE, MONOHYDROCHLORIDE
UPDT:8405 CAS: 6011-14-9 MW: 92.54 MOLFM: C2-H4-N2 Cl-H
SYN: ACETONITRILE, AMINO-, MONOHYDROCHLORIDE (9CI) * AMINOACETONITRILE HYDROCHLORIDE * GLYCINONITRILE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T41T76 orl-rat TDLo:600 mg/kg (3-7D preg) TJADAB 24(2),41A,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MC2100000 GLYCINONITRILE, SULFATE (2:1)
UPDT:8303 CAS: 5466-22-8 MW: 210.24 MOLFM: C4-H8-N4 H2-O4-S
SYN: AMINOACETONITRILE BISULFATE * AMINOACETONITRILE SULFATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg TJADAB 5,33,72

GLYCIRENAN see: DO2625000

GLYCODIAZINE SODIUM SALT see: DB2920000

GLYCODINE see: QD1575000

GLYCO-FLAVINE see: AR9600000

GLYCOFUROL see: MD0907500

MC2730000 GLYCOGEN, TYPE II:from OYSTER, heat deaggregated
UPDT:8407
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 iut-mus TDLo:600 mg/kg (2D preg) JRPFA4 66,563,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLYCOL see: KW2975000

GLYCOL ALCOHOL see: KW2975000

MC2980000 GLYCOLALDEHYDE
UPDT:8406 CAS: 141-46-8 MW: 60.06 MOLFM: C2-H4-O2
SYN: ACETALDEHYDE, HYDROXY- (9CI) * DIOSE * GLYCOLIC ALDEHYDE * HYDROXYACETALDEHYDE * METHYLOL FORMALDEHYDE * MONOMETHYLOLFORMALDEHYDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:280 mg/kg TXAPA9 71,84,83

GLYCOLANILIDE see: AC3851000

MC3030000 GLYCOLANILIDE, N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-2-PHENYL-
UPDT:8406 CAS: 18095-72-2 MW: 340.51 MOLFM: C21-H28-N2-O2
SYN: N-(3-(DIMETHYLAMINO)PROPYL)-2,6-DIMETHYL-2-PHENYLGLYCOLANILIDE * SA-66
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:230 mg/kg APFRAD 40,231,82

GLYCOL BIS(HYDROXYETHYL) ETHER see: YE4550000

GLYCOL PROMIDE see: KH9275000

GLYCOL BROMOHYDRIN see: KJ8225000

GLYCOL BUTYL ETHER see: KJ8575000

GLYCOL CARBONATE see: FF9550000

GLYCOL CHLOROHYDRIN see: KK0875000

GLYCOL CYANOHYDRIN see: MU5250000

GLYCOL DIACETATE see: KW4025000

GLYCOL DIBROMIDE see: KH9275000

GLYCOL DICHLORIDE see: KI0525000

GLYCOL, DIETHOXYTETRAETHYLENE see: SB0350000

GLYCOL DIMETHACRYLATE see: OZ4400000

GLYCOL DIMETHYL ETHER see: KI1451000

GLYCOLDINITRAAT (Dutch) see: KW5600000

GLYCOL DINITRATE see: KW5600000

GLYCOL (DINITRATE DE) (French) see: KW5600000

GLYCOL ETHER see: ID5950000

GLYCOL ETHER DB see: KJ9100000

GLYCOL ETHER DB ACEATATE see: KJ9275000

GLYCOL ETHER DE ACETATE see: KK8925000

GLYCOL ETHER EB see: KJ8575000

GLYCOL ETHER EB ACETATE see: KJ8575000

GLYCOL ETHER EE see: KK8050000

GLYCOL ETHER EE ACETATE see: KK8225000

GLYCOL ETHER EM see: KL5775000

GLYCOL ETHER EM ACETATE see: KL5950000

GLYCOL ETHER PM see: UB77000:0

GLYCOL ETHER TPM see: UB8050:000

GLYCOL ETHYLENE ETHER see: JC8225000

GLYCOL ETHYL ETHER see: ID5950000

GLYCOL ETHYL ETHER see: KK8050000

GLYCOLEUCINE see: RC6308000

GLYCOL FORMAL see: JH6760000

GLYCOLIC ACID, BUTYL ESTER, BUTYL PHTHALATE see: TI0535000

MC5403000 GLYCOLIC ACID, 2,2-DI-2-THIENYL-, 6,6,9-TRIMETHYL-9-AZABICYCLO(3.3.1)NON-3-YL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 442.07 MOLFM: C21-H27-N-O3-S2 Cl-H
SYN: MAZATICOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1182 mg/kg IYKEDH 7,614,76
* ipr-rat LD50:105 mg/kg IYKEDH 7,614,76
* orl-mus LD50:858 mg/kg IYKEDH 7,614,76
* ipr-mus LD50:168 mg/kg IYKEDH 7,614,76
* scu-mus LD50:521 mg/kg IYKEDH 7,614,76

BEST COPY AVAILABLE

* ivn-mus LD50:20200 ug/kg IYKEDH 7,614,76

MC5408000 GLYCOLIC ACID, 8-ESTER with OCTAHYDRO-5,8-DIHYDROXY-4,6,9,10-TETRAMETHYL-6-VINYL-3a,9- PROPANO-3aH-CYCLOPENTACYCLOOCTEN-1(4H)-ONE

UPDT:8403 CAS: 125-65-5 MW: 378.56 MOLFM: C22-H34-O5

SYN: A 4014C * ANTIBIOTIC BC 757 * BC 757 * DROSOPHILIN B * DROSOPHOLIN B * PLEUROMUTILIN

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:60 mg/kg 85GDA2 6,123,81

* ivn-mus LD50:50 mg/kg 85GDA2 6,123,81

MC5420000 GLYCOLIC ACID, ETHYL ESTER, O,O-DIETHYL PHOSPHOROTHIOATE

UPDT:8308 CAS: 5823-25-6 MW: 256.28 MOLFM: C8-H17-O5-P-S

SYN: ACETIC ACID, ((DIETHOXYPHOSPHINOTHIOYL)OXY)-, ETHYL ESTER (9CI) * BAYER 18613 * ENT 23,445 * PREPARATION 11

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1000 mg/kg ARSIM* 20,3,66

GLYCOLIC ACID, ETHYL ESTER, ESTER with ACRYLIC ACID see: AS9300000 ACRYLIC ACID, ESTER withETHYL GLYCOLATE

GLYCOLIC ACID, ETHYL ESTER, ESTER with METHACRYLIC ACID see: OZ4380000 METHACRYLIC ACID,ESTER with ETHYL GLYCOLATE

GLYCOLIC ACID, ETHYL ESTER, METHYL PHTHALATE see: TI2625000

GLYCOLIC ACID, ISOPROPYL ESTER, ESTER with METHACRYLIC ACID see: OZ4390000 METHACRYLICACID, ESTER with ISOPROPYL GLYCOLATE

GLYCOLIC ACID PHENYL ETHER see: AJ2230000

GLYCOLIC ACID, PHTHALATE, DIBUTYL ESTER see: TI0535000

GLYCOLIC ACID, THIO- see: AI5950000

GLYCOLIC ACID, 2-THIO- see: AI5950000

GLYCOLIC ALDEHYDE see: MC2980000

GLYCOLIXIR see: MB7600000

GLYCOLLIC ACID PHENYL ETHER see: AJ2230000

GLYCOL METHACRYLATE see: OZ4725000

GLYCOLMETHYL ETHER see: KL5775000

GLYCOL MONOACETATE see: KW7175000

GLYCOL-MONOACETIN see: KW7175000

GLYCOL MONOBUTYL ETHER see: KJB575000

GLYCOLMONOCHLOORHYDRINE (Dutch) see: KK0875000

GLYCOL MONOCHLORONYDRIN see: KK0875000

GLYCOL MONOETHYL ETHER see: KK8050000

GLYCOL MONOETHYL ETHER ACETATE see: KK8225000

GLYCOL MONOMETHACRYLATE see: OZ4725000

GLYCOL MONOMETHYL ETHER see: KL5775000

GLYCOL MONOMETHYL ETHER ACETATE see: KL5950000

GLYCOL MONOPHENYL ETHER see: KM0350000

GLYCOL MONOSTEARATE see: WI4100000

MC7700000 GLYCOLONITRILE, ACETATE

UPDT:8407 CAS: 1001-55-4 MW: 99.10 MOLFM: C4-H5-N-O2

SYN: CYANOMETHYL ACETATE

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open JIHTAB 30,63,48

eye-rbt 20 mg open SEV JIHTAB 30,63,48

TOXICITY DATA AND REFERENCES:

orl-rat LD50:32 mg/kg JIHTAB 30,63,48

ihl-rat LCLo:16 ppm/4H JIHTAB 31,343,49

skn-rbt LD50:43 mg/kg JIHTAB 30,63,48

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLYCOLONITRILE, VINYL- see: EM8225000

(GLYCOLOYLOXY)TRIBUTYLSTANNANE see: WH8278000

GLYCOL, POLYETHYLENE MONOSTEARATE #6000 see: TQ5950000

MC9630000 GLYCOLS, POLYETHYLENE, DIMETHYL ETHER

UPDT:8408 CAS: 24991-55-7 MOLFM: (C2-H4-O)n-C2-H6-O

SYN: DIMETHOXY POLYETHYLENE GLYCOL * GLYME-23 * alpha,omega-METHOXYPOLY(ETHYLENE OXIDE) * POLYETHYLENE GLYCOL DIMETHYL ETHER * POLY(OXY-1,2-ETHANEDIYL), alpha-METHYL-omega-METHOXY- (9CI) * POLYOXYETHYLENE DIMETHYL ETHER * SELEXOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T02 orl-rbt TDLo:2500 mg/kg (1D male) TOXID9 4,139,84

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MD0875000 GLYCOLS, POLYETHYLENE, MONODODECYL ETHER

UPDT:8408 CAS: 9002-92-0 MOLFM: (C2-H4-O)n-C12-H26-O

SYN: ALDOSPERSE L 9 * ATLAS G-2133 * ATLAS G-3705 * BASE LP 12 * BL 9 * BL 9EX * BRIJ 30 * BRIJ 35 * CHIMIPAL AE 3 * CIMAGEL * DEHYDOL LS 4 * DO 9 * DODECANOL ETHYLENE OXIDE (9.5 moles) condensate * DODECANOL POLYETHOXYLATED * alpha-DODECYL-omega-HYDROXY POLYOXYETHYLENE * DODECYL POLYAETHYLENOXYD AETHER (German) * DODECYL POLY(OXYETHYLENE)ETHER * DU PONT WK * EMULGEN 100 * EMULGEN 105 * EMULGEN 108 * EMULGEN 109 * EMULGEN 120 * EMULGEN 147 * ETHOSPERSE LA-4 * ETHOSPERSE LA 12 * ETHOSPERSE LA 23 * ETHOXYLATED LAURYL ALCOHOL * G 3707 * G-7130A * HYDROXYPOLYETHOXYDODECANE * LA * LA 7 * LA (ALCOHOL) * LANETTES * LAURETH * LAURETH 9 * LAURETH 23 * LAUROMACROGOL 400 * LAURYL POLYETHYLENE GLYCOL ETHER * LAURYL POLY(OXYETHYLENE) ETHER * LIPAL 4LA * LIPOCOL L-4 * LIPOCOL L 12 * LUBROL 12A9 * LUBROL PX * MARLIPAL 1217 * MERGITAL LM 11 * NIKKOL BL * NIKKOL BL 25 * NIKKOL BL 9EX * NOIGEN 160 * NOIGEN 170 * NOIGEN ET 102 * OXYETHYLENATED DODECYL ALCOHOL * PLURAFAC RA 43 * POLIDOCANOL * POLYETHYLENE GLYCOL DODECYL ETHER * POLYETHYLENE GLYCOL LAURYL ETHER * POLY(ETHYLENE OXIDE) DODECYL ETHER * POLY(OXY-1,2-ETHANEDIYL), alpha DODECYL-omega-HYDROXY- * POLYOXYETHYLENE LAURIC ALCOHOL * POLYOXYETHYLENE LAURYL ALCOHOL * ROKANOL L * ROKANOL L 2 * ROKANOL L 4 * ROKANOL L 6 * ROKANOL L 10 * ROMOPAL LN * SIMULOL 330 M * SIPONIC L * SIPONIC L 3 * SIPONIC L-4 * SIPONIC L 10 * SIPONIC L 15 * SIPONIC L 130 * SLOVASOL S * SURFACTANT WK * TERIC 12A * TEXOFOR B 9 * THESAT * THESIT * TRYCOL LAL SERIES

IRRITATION DATA AND REFERENCES:

skn-hmn 6 mg/3D-I MOD 85DKAB -,127,77

skn-rbt 75 mg/24H MLD TXAPA9 7,206,65

MUTATION DATA AND REFERENCES:

dnd-esc 50 mg/L MUREAV 89,95,81

TOXICITY DATA AND REFERENCES:

3K06K30L03 orl-rat LD50:1 gm/kg FCTXAV 8,125,70

1K30 ipr-rat LD50:125 mg/kg FCTXAV 8,125,70

orl-mus LD50:1170 mg/kg ARZNAD 7,162,57

ivn-mus LD50:100 mg/kg TXAPA9 7,206,65

ivn-rbt LD50:36 mg/kg ARZNAD 7,162,57

orl-gpg LD50:384 mg/kg ARZNAD 7,162,57

ivn-gpg LD50:38 mg/kg ARZNAD 7,162,57

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JFIBA9 6(3),279,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MD0876000 GLYCOLS, POLYETHYLENE 600 MONOLAURATE

UPDT:8406 MOLFM: (C2-H4-O)n-C12-H23-O

SYN: PEG 600 MONOLAURATE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:8500 mg/kg BCFAAI 101,173,62

MD0880000 GLYCOLS, POLYETHYLENE, MONOOLEATE

UPDT:8305 CAS: 9004-96-0 MOLFM: (C2-H4-O)n C18-H34-O2

SYN: AKYPOROX O 50 * ATLAS G-2142 * ATLAS G-2144 * CEMULSOL 1050 * CEMULSOL A * CEMULSOL C 105 * CEMULSOL D-8 * CHEMESTER 300-OC * CITHROL PO * CRODET O 6 * E2 * EMANON 4115 * EMCOL H-2A * EMCOL H 31A * EMEREST 2646 * EMEREST 2660 * EMPILAN BP 100 * EMPILAN BQ 100 * EMULPHOR A * EMULPHOR UN-430 * EMULPHOR VN 430 * ETHOFAT O * ETHOFAT O 15 * ETHYLAN A3 * ETHYLAN A6 * EXTREX P 60 * IONET MO-400 * LANNAGOL LF * LIPAL 400 OL * LIPAL 30W * MACROGOL OLEATE 600 * NIKKOL MYO 2 * NIKKOL MYO 10 * NOIGEN ES 160 * NONEX 25 * NONEX 30 * NONEX 52 * NONEX 64 * NONION O2 * NONION O4 * NONION O6 * NONISOL 200 * NOPALCOL 1-O * NOPALCOL 6-O * OK 7 * OLEIC ACID POLY(OXYETHYLENE) ESTER * OLEOX 5 * OLEPAL I * OLEPAL III * PEG 200MO * PEG 600MO * PEG 1000MO * PEG-6 OLEATE * PEG-20 OLEATE * PEG-32 OLEATE * PEGOSPERSE 400MO * POLYETHYLENE GLYCOL MONOOLEATE * POLYETHYLENE GLYCOL OLEATE * POLYETHYLENE OXIDE MONOOLEATE * POLY(ETHYLENE OXIDE) OLEATE * POLYGLYCOL MONOOLEATE * POLYGLYCOL OLEATE * POLY(OXY-1,2-ETHANEDIYL), alpha-(1-OXO-9-OCTADECENYL)-omega-HYDROXY-, (Z)- (9CI) * POLY(OXYETHYLENE) MONOOLEATE * POLY(OXYETHYLENE) OLEATE * POLY(OXYETHYLENE) OLEIC ACID ESTER * POOA * PRODHYPHORE B * ROKACET * ROKACET O 7 * S 1006 * S 1132 * SLOVASOL A * TRYDET OS SERIES * UNISOL 4-O * WITCO 31 * X-539-R

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:500 mg/kg JAPMA8 38,428,49

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MD0885000 GLYCOLS, POLYETHYLENE 1000 MONOOLEATE

UPDT:8406 MOLFM: (C2-H4-O)n-C18-H35-O

SYN: PEG 1000 MONOOLEATE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:18 gm/kg BCFAAI 101,173,62

MD0900000 GLYCOLS, POLYETHYLENE, MONO(NONYLPHENYL) ETHER

UPDT:8412 CAS: 9016-45-9 MOLFM: (C2-H4-O)n C15-H24-O

SYN: CHEMAX NP SERIES * NONOXYNOL * NONYLPHENOL POLYOXYETHYLENE ETHER * NONYL PHENYL POLYETHYLENE GLYCOL * NONYL PHENYL POLYETHYLENE GLYCOL ETHER * POLYOXYETHYLENE NONYLPHENOL * TERGITOL NPX * TRYCOL NP-1

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg open MLD UCDS** 6/16/65

eye-rbt 5 mg SEV UCDS** 6/16/65

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1310 mg/kg UCDS** 6/16/65

skn-rbt LD50:2000 mg/kg UCDS** 6/16/65

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MD0905000 GLYCOLS, POLYETHYLENE MONO(NONYLPHENYL) ETHER (nonionic)

UPDT:8401 CAS: 9016-45-9

SYN: ARKOPAL N-090 * CARSONON N-9 * CONCO NI-90 * IGEPAL CO-630 * NEUTRONYX 600 * PEG-9 NONYL PHENYL ETHER * POLYETHYLENE GLYCOL 450 NONYL PHENYL ETHER * POLYOXYETHYLENE (9) NONYL PHENYL ETHER * PROTACHEM 630 * REWOPOL NV-9 * TERGITOL TP-9 (nonionic)

IRRITATION DATA AND REFERENCES:

skn-hmn 15 mg/3D-I MLD 85DKAB -,127,77

eye-rat 20 mg FCTXAV 15,131,77

eye-mus 20 mg SEV FCTXAV 15,131,77

skn-rbt 500 mg open MLD UCDS** 4/11/63

eye-rbt 5 mg SEV UCDS** 4/11/63

eye-rbt 20 mg SEV FCTXAV 15,131,77

eye-gpg 20 mg SEV FCTXAV 15,131,77

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2590 mg/kg UCDS** 4/11/63

skn-rbt LD50:2830 mg/kg UCDS** 4/11/63

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MD0907300 GLYCOLS, POLYETHYLENE, MONOSTEARATE

UPDT:8401 CAS: 9004-99-3 MOLFM: (C2-H4-O)n C18-H36-O

SYN: PMS No. 1 * POLYETHYLENEGLYCOLS MONOSTEARATE * POLY(OXY-1,2-ETHANEDIYL), alpha-1-(OXOOCTADECYL)-omega-HYDROXY- * POLYOXYETHYLENE MONOSTEARATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:53 gm/kg FOREAE 21,348,56

orl-ham LD50:20 gm/kg FOREAE 21,348,56

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MD0907500 GLYCOLS, POLYETHYLENE, MONO(TETRAHYDROFURFURYL) ETHER

UPDT:8404 CAS: 31692-85-0 MOLFM: (C2-H4-O)n-C5-H10-O2

SYN: GLYCOFUROL * POLY(OXY-1,2-ETHANEDIYL), alpha-((TETRAHYDRO-2-FURANYL)METHYL)-omega-HYDROXY- * TETRAGLYCOL * TETRAHYDROFURFURYLALCOHOL POLYETHYLENE GLYCOL ETHER * TETRAHYDROFURFURYLALKOHOLPOLYAETHYLENGLYCOLAETHER (German) * THFP

TOXICITY DATA AND REFERENCES:

2F05G30 ivn-rat LDLo:1 gm/kg ARZNAD 28,1586,78

2F05G30 ipr-mus LD50:7800 mg/kg ARZNAD 28,1586,78

MD0907600 GLYCOLS, POLYETHYLENE, MONO((1,1,3,3-TETRAMETHYLBUTYL)PHENYL) ETHER

UPDT:8411 CAS: 9036-19-5 MOLFM: (C2-H4-O)n C14-H22-O

SYN: CHARGER E * ETHOXYLATED OCTYL PHENOL * ETHYLAN CP * IGEPAL CA * IGEPAL CA 520 * NEUTRONYX 622 * NONIDET P40 * NONION HS 206 * NONION HS 208 * OCTYLPHENOXYPOLY(ETHOXYETHANOL) * tert-OCTYLPHENOXYPOLY(ETHOXYETHANOL) * OCTYLPHENOXYPOLY(ETHYLENEOXY)ETHANOL * tert-OCTYLPHENOXY POLY(OXYETHYLENE)ETHANOL * OP 1062 * POLYETHYLENE GLYCOL MONO(OCTYLPHENYL) ETHER * POLYETHYLENE GLYCOL OCTYLPHENYL ETHER * POLY(ETHYLENE OXIDE)OCTYLPHENYL ETHER * POLY(OXY-1,2-ETHANEDIYL), alpha-((1,1,3,3-TETRAMETHYLBUTYL)PHENYL-omega-HYDROXY- (9CI) * POLYOXYETHYLENE MONOOCTYLPHENYL ETHER * POLY(OXYETHYLENE)OCTYLPHENOL ETHER * POLY(OXYETHYLENE)OCTYLPHENYL ETHER * SECOPAL OP 20 * SYNPERONIC OP * SYNPERONIC OP 10 * T45 * T 45 (POLYGLYCOL) * TRITON X 15 * TRITON X 114 * TRITON X 207

IRRITATION DATA AND REFERENCES:

eye-rbt 1% SEV JAPMA8 38,428,49

MUTATION DATA AND REFERENCES:

dni-hmn:lym 5 ppm ENPBBC 5,84,75

dni-mus:oth 10 ppm ENPBBC 5,84,75

TOXICITY DATA AND REFERENCES:

orl-mus LD50:3500 mg/kg JAPMA8 38,428,49

ivn-mus LD50:70 mg/kg JAPMA8 38,428,49

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MD0907700 GLYCOLS, POLYETHYLENE, MONO(p-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL) ETHER

UPDT:8411 CAS: 9002-93-1 MOLFM: (C2-H4-O)n C14-H22-O

SYN: ALFENOL 3 * ALFENOL 9 * ANTAROX A-200 * CONCO NIX-100 * 3,6,9,12,15,18,21,24,27,30-DECAOXATRIACONTAN-1-OL, 30-(p-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL)- * HYDROL 5W * HYONIC PE-250 * IGEPAL CA-630 * MARLOPHEN 820 * NEUTRONYX 605 * OCTOXINOL * OCTOXYNOL * OCTOXYNOL 3 * OCTOXYNOL 9 * OCTYL PHENOL condensed with 12-13 moles ETHYLENE OXIDE * p-tert-OCTYLPHENOXYPOLYETHOXYETHANOL * OPE 30 * PEG-9 OCTYL PHENYL ETHER * POLYETHYLENE GLYCOL MONOETHER with p-tert-OCTYLPHENYL * POLYETHYLENE GLYCOL MONO(4-OCTYLPHENYL) ETHER * POLYETHYLENE GLYCOL MONO(4-tert-OCTYLPHENYL) ETHER * POLYETHYLENE GLYCOL MONO(p-tert-OCTYLPHENYL) ETHER * POLYETHYLENE GLYCOL MONO(p-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL) ETHER * POLYETHYLENE GLYCOL OCTYLPHENOL ETHER * POLYETHYLENE GLYCOL 450 OCTYL PHENYL ETHER * POLYETHYLENE GLYCOL p-OCTYLPHENYL ETHER * POLYETHYLENE GLYCOL p-tert-OCTYLPHENYL ETHER * POLYETHYLENE GLYCOL p-1,1,3,3-TETRAMETHYLBUTYLPHENYL ETHER * POLY(OXY-1,2-ETHANEDIYL), alpha-(4-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL)-omega-HYDROXY- (9CI) * POLYOXYETHYLENE MONO(OCTYLPHENYL) ETHER * POLYOXYETHYLENE (9) OCTYLPHENYL ETHER * POLYOXYETHYLENE (13) OCTYLPHENYL ETHER * POLY(OXYETHYLENE)p-tert-OCTYLPHENYL ETHER * PRECEPTIN * TRITON X * TRITON X 35 * TRITON X 45 * TRITON X 100 * TRITON X 102 * TRITON X 165 * TRITON X 305 * TRITON X 405 * TRITON X 705 * TX 100

IRRITATION DATA AND REFERENCES:

skn-hmn 2 mg/3D-I MLD 85DKAB -,127,77

BEST COPY AVAILABLE

eye-rbt 1 mg MOD — PSTGAW 20,16,53

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 orl-rat TDLo:65500 mg/kg (26W pre) — JPPMAB 22,668,70
1T12 par-rat TDLo:5 mg/kg (1D pre) — JPPMAB 22,668,70

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1800 mg/kg — PSTGAW 20,16,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MD0911000 GLYCOLS, POLYETHYLENEPOLYPROPYLENE, MONOBUTYL ETHER (nonionic)
UPDT:8401 CAS: 9038-95-3
SYN: TERGITOL NONIONIC XD * TERGITOL XD (nonionic)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD — UCDS** 9/22/64

TOXICITY DATA AND REFERENCES:
orl-rat LD50:12 gm/kg — UCDS** 9/22/64

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MD0911050 GLYCOLS, POLYETHYLENE-POLYPROPYLENE, PLURONIC F68
UPDT:8407 CAS: 9003-11-6 MOLFM: (C3-H6-O C2-H4-O)x
SYN: PLURONIC F68

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:15 gm/kg — BCFAAI 101,173,62

MD0911100 GLYCOLS, POLYTHYLENE-POLYPROPYLENE, PLURONIC L44
UPDT:8407 CAS: 9003-11-6 MOLFM: (C3-H6-O C2-H4-O)x
SYN: PLURONIC L44

TOXICITY DATA AND REFERENCES:
3H05J15J25 orl-rat LD50:5000 mg/kg — WYCCO*

MD0911200 GLYCOLS, POLYETHYLENE-POLYPROPYLENE, PLURONIC L62
UPDT:8407 CAS: 9003-11-6 MOLFM: (C3-H6-O C2-H4-O)x
SYN: PLURONIC L62

TOXICITY DATA AND REFERENCES:
3H05J15J25 orl-rat LD50:5500 mg/kg — WYCCO*

MD0911300 GLYCOLS, POLYETHYLENE-POLYPROPYLENE, PLURONIC L64
UPDT:8407 CAS: 9003-11-6 MOLFM: (C3-H6-O C2-H4-O)x
SYN: PLURONIC L64

TOXICITY DATA AND REFERENCES:
3H05J15J25 orl-rat LD50:5000 mg/kg — WYCCO*

MD0911500 GLYCOLS, POLYETHYLENE-POLYPROPYLENE, POLOXAMER-188
UPDT:8407 CAS: 9003-11-6 MOLFM: (C3-H6-O C2-H4-O)x
SYN: alpha-HYDRO-omega-HYDROXYPOLY(OXYETHYLENE)POLY(OXYPROPYLENE)POLY(OXYETHYLENE)

TOXICITY DATA AND REFERENCES:
* scu-rat LD50:6900 mg/kg — NIIRDN 6,797,82
ivn-rat LD50:7500 mg/kg — IYKEDH 12,1204,81
* scu-mus LD50:5500 mg/kg — NIIRDN 6,797,82
* ivn-mus LD50:3000 mg/kg — NIIRDN 6,797,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GLYCOL STEARATE see: WI4100000
GLYCOL SULFATE see: JH4800000
GLYCOL SULFITE see: KW3900000
4-GLYCOLYL-8-HYDROXY-ISOCOUMARIN see: NQ7870000
GLYCOLYLUREA see: MT8210000
GLYCOMONOCHLORHYDRIN see: KK0875000
GLYCOMUL O see: WG2932400
GLYCOMUL S see: WG2933500
GLYCON DP see: WI2800000
GLYCONORMAL see: DB2920000
GLYCON RO see: RG2275000
GLYCON S-70 see: WI2800000
GLYCON S-80 see: WI2800000
GLYCON S-90 see: WI2800000
GLYCON TP see: WI2800000
GLYCON WO see: RG2275000
GLYCOPHEN see: NI8870000
GLYCOPHENE see: NI8870000

MD1530000 GLYCOPROTEINS, from CANDIDA ALBICANS
DEF:GLYCOPROTEIN complex isolated from the cell walls of the 29-3-109 strain of CANDIDA ALBICANS(40YJAX -,35,76)
UPDT:8412

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:130 mg/kg (4-14D preg) — 40YJAX -,91,76
2T25T31 ivn-rat TDLo:15 mg/kg (8D preg) — 40YJAX -,83,76
1T34 ivn-rat TDLo:15 mg/kg (8D preg) — 40YJAX -,35,76
1T46 ivn-rat TDLo:30 mg/kg (8D preg) — 40YJAX -,35,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLYCOPYRROLATE see: UY4337630
GLYCOPYRROLATE BROMIDE see: UY4337630
GLYCOPYRRONIUM BROMIDE see: UY4337630

MD1620300 GLYCOSMIS ARBOREA (Roxb.) DC., extract excluding roots
DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: KONJI EXTRACT

TOXICITY DATA AND REFERENCES:
2J30M10 ipr-mus LD50:24 mg/kg — IJEBA6 12,512,74

GLYCOSPERSE L-20 see: TR7400000
GLYCOSPERSE L-20X see: TR7400000
GLYCOSPERSE O-20 see: WG2932500
GLYCOSPERSE O-20 VEG see: WG2932500
GLYCOSPERSE O-20X see: WG2932500
GLYCOSPERSE S-20 see: WG2934000
GLYCOSPERSE TS 20 see: WG2934600
GLYCO STEARIN see: WI4025000
GLYCOTUSS see: TI8400000
GLYCURONE see: LZ8930000
GLYCYCLAMIDE see: YS7800000
GLYCYL ALCOHOL see: MA8050000
2-GLYCYLAMINOFLUORENE see: AB4340000
N-GLYCYLAMPHOTERICIN B METHYL ESTER see: BU2687000
GLYCYL-N-(4-CHLORO-2-(2-CHLOROBENZOYL)PHENYL)-N-METHYLGLYCINAMIDE HYDRATE see: AD8227000
N-(GLYCYLGLYCYL)AMPHOTERICIN B METHYL ESTER see: BU2685000
N-(GLYCYLGLYCYL)-N-METHYL-2',5-DICHLORO-2-AMINO-BENZOPHENONE HYDRATE see: AD8227000
GLYCYRRHETINIC ACID HYDROGEN SUCCINATE, DISODIUM SALT see: RK0250000
18-beta-GLYCYRRHETINIC ACID HYDROGEN SUCCINATE, DISODIUM SALT see: RK0250000
GLYCYRRHIZA see: MD2007000
GLYCYRRHIZAE (Latin) see: MD2007000

MD2007000 GLYCYRRHIZA EXTRACT
UPDT:8406 CAS: 8008-94-4
SYN: GLYCYRRHIZA * GLYCYRRHIZAE (Latin) * KANZO (Japanese) * LICORICE * LICORICE EXTRACT * LICORICE ROOT * LICORICE ROOT EXTRACT

MUTATION DATA AND REFERENCES:
dnr-bcs 100 gm/L — MUREAV 97,81,82

TOXICITY DATA AND REFERENCES:
2K12M30 orl-rat LD50:14200 mg/kg — OYYAA2 14,535,77
2K12M30 ipr-rat LD50:1420 mg/kg — OYYAA2 14,535,77
2K12M30 scu-rat LD50:4200 mg/kg — OYYAA2 14,535,77
2F12P27 ipr-mus LD50:1500 mg/kg — OYYAA2 14,535,77
2F12P27 scu-mus LD50:4000 mg/kg — OYYAA2 14,535,77

GLYCYRRHIZINIC ACID DISODIUM SALT see: LZ6460000
GLYECINE A see: KM2975000
GLYESTRIN see: GL1224000
GLYFYLLIN see: XH5100000
GLYKOLDINITRAT (German) see: KW5600000
GLYKRESIN see: TZ1225000
GLYME see: KI1451000
GLYME-23 see: MC9630000 GLYCOLS, POLYETHYLENE, DIMETHYL ETHER
GLYMIDINE SODIUM SALT see: DB2920000
GLYMOL see: PY8030000

MD2315000 GLYODEX
DEF:A mixture of GLYODIN 37.5% and DODINE 22.5% (FMCHA2 -,C116,83)
UPDT:8310

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4600 mg/kg — FMCHA2 -,C116,83

GLYODEX 3722 see: GW5075000
GLYODIN see: NJ3825000
GLYODIN ACETATE see: NJ3825000
GLYOTOL see: TZ1225000

MD2625000 GLYOXAL
UPDT:8403 CAS: 107-22-2 MW: 58.04 MOLFM: C2-H2-O2
SYN: BIFORMAL * BIFORMYL * DIFORMAL * DIFORMYL * ETHANDIAL * ETHANEDIAL * 1,2-ETHANEDIONE * GLYOXYLALDEHYDE * OXAL * OXALALDEHYDE

IRRITATION DATA AND REFERENCES:
skn-rbt 545 mg open MLD — UCDS** 3/16/61
eye-rbt 1870 ug SEV — AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate — MUREAV 78,113,80
mma-sat 1 nmol/plate — MUREAV 78,113,80

TOXICITY DATA AND REFERENCES:
2F07K30 orl-rat LD50:2020 mg/kg — JIHTAB 23,259,41
ipr-rat LDLo:100 mg/kg — NCNSA6 5,9,53
ipr-mus LD50:200 mg/kg — NTIS** AD438-895
2F07K30 orl-gpg LD50:760 mg/kg — JIHTAB 23,259,41

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MD2650000 GLYOXAL, 29.2%
UPDT:8305

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H — AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7460 mg/kg — AIHAAP 23,95,62

MD2700000 GLYOXAL, 40%
UPDT:8305 MW: 58.04 MOLFM: C2-H2-O2
SYN: AEROTEX GLYOXAL 40

IRRITATION DATA AND REFERENCES:
skn-rbt 258 mg open MLD — UCDS** 11/12/65

TOXICITY DATA AND REFERENCES:
orl-rat LD50:7070 mg/kg — UCDS** 11/12/65
skn-rbt LD50:10 gm/kg — UCDS** 11/12/65

GLYOXALASE-I INHIBITOR see: GW7360000
GLYOXAL, DIMETHYL- see: EK2625000

MD2850000 GLYOXAL, DIOXIME
UPDT:8309 CAS: 557-30-2 MW: 88.08 MOLFM: C2-H4-N2-O2
SYN: ETHANEDIAL DIOXIME * GLYOXIME * PIK-OFF

TOXICITY DATA AND REFERENCES:
orl-rat LD50:119 mg/kg — 85ARAE 3,69,76
* skn-rbt LD50:1580 mg/kg — FMCHA2 -,C188,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLYOXALIN see: NI3325000
GLYOXALINE see: NI3325000
GLYOXALINE-5-ALANINE see: MS3070000
GLYOXAL, METH[illegible] see: UI7070000
GLYOXAL, (p-(PHENOXY)PHENYL)-, (1-PIPERIDINYLACETYL)HYDRAZONE, HYDROCHLORIDE see: TM3575000

MD3284000 GLYOXAL, PHENYL-, 2-(DIETHYL ACETAL)
UPDT:8401 CAS: 6175-45-7 MW: 208.28 MOLFM: C12-H16-O3
SYN: alpha-alpha-DIETHOXYACETOPHENONE * 2,2-DIETHOXYACETOPHENONE * ETHANONE, 2,2-DIETHOXY-1-PHENYL- * PHENYLGLYOXAL DIETHYL ACETAL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5660 mg/kg — TXAPA9 28,313,74
* skn-rbt LD50:11300 mg/kg — TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GLYOXAL, PHENYL-, (1-PIPERIDINYLACETYL)HYDRAZONE, HYDROCHLORIDE see: TM3572000

MD3500000 GLYOXAL, TETRABUTYL-, ACETAL
UPDT:8307 CAS: 6284-81-7 MW: 318.56 MOLFM: C18-H38-O4

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8900 mg/kg — JIHTAB 31,60,49
skn-rbt LD50:2240 mg/kg — JIHTAB 31,60,49

GLY-OXIDE see: YT4850000
GLYOXIDE see: NJ3825000
GLYOXIDE DRY see: NJ3825000
GLYOXIME see: MD2850000
GLYOXYLALDEHYDE see: MD2625000

MD4380000 GLYOXYLAMIDE, N-(2-PIPERIDINOETHYL)-, 2-OXIME, MONOHYDROCHLORIDE
UPDT:8303 CAS: 22078-31-5 MW: 235.75 MOLFM: C9-H17-N3-O2 Cl-H
SYN: ACETAMIDE, 2-(HYDROXYIMINO)-N-(2-(1-PIPERIDINYL)ETHYL)-, MONOHYDROCHLORIDE (9CI) * PIPEROXIME

TOXICITY DATA AND REFERENCES:
* ims-rat LD50:780 mg/kg — FAVUAI 9,65,77

MD4550000 GLYOXYLIC ACID
UPDT:8407 CAS: 298-12-4 MW: 74.04 MOLFM: C2-H2-O3

MUTATION DATA AND REFERENCES:
mmo-sat 200 ug/plate — ABCHA6 47,2461,83

TOXICITY DATA AND REFERENCES:
ims-rat LDLo:25 mg/kg — BSIBAC 36,1937,60

BEST COPY AVAILABLE

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MD4740000 GLYOXYLONITRILE, PHENYL-, OXIME, O,O-DIETHYL PHOSPHOROTHIOATE
UPDT:8407 CAS: 14816-18-3 MW: 298.32 MOLFM: C12-H15-N2-O3-P-S
SYN: B 77488 * BAY 5621 * BAY 77488 * BAYER 77488 * BAYTHION * BENZENEACETONITRILE, alpha-(((DIETHOXYPHOSPHINOTHIOYL)OXY)IMINO)- * BENZOYL CYANIDE O-(DIETHOXYPHOSPHINOTHIOYL)OXIME * O,O-DIAETHYL-O-(alpha-CYANO-BENZYLIDENAMINO)-MONOTHIOPHOSPHAT (German) * alpha-(((DIETHOXYPHOSPHINOTHIOYL)OXY)IMINO)BENZENEACETONITRILE * (DIETHOXY-THIOPHOSPHORYLOXYIMINO)-PHENYL ACETONITRILE * O,O-DIETHYL PHOSPHOROTHIOATE, O-ESTER with PHENYLGLYOXYLONITRILE OXIME * ENT 27488 * 4-ETHOXY-7-PHENYL-3,5-DIOXA-6-AZA-4-PHOSPHAOCT-6-ENE-8-NITRILE 4-SULFIDE * PHENYLGLYOXYLONITRILE OXIME O,O-DIETHYL PHOSPHOROTHIOATE * PHOXIM * PHOXIME * PHOXIN * SEBACIL * VALEXON * VALEXONE * VOLATON

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:49 mg/kg (74D male) GISAAA 45(7),77,80

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1845 mg/kg FMCHA2 -,C28,83
skn-rat LD50:1000 mg/kg 28ZEAL 5,181,76
orl-mus LD50:1935 mg/kg 28ZEAL 5,181,76
orl-dog LD50:250 mg/kg 28ZEAL 5,181,76
orl-cat LD50:250 mg/kg 28ZEAL 5,181,76
orl-rbt LD50:250 mg/kg 85DPAN -,-,71/76
orl-gpg LD50:600 mg/kg 28ZEAL 5,181,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GLYPED see: AK3675000
GLYPHOSATE see: MC1075000
GLYPHOSINE see: MB9120000
GLYPHYLLIN see: XH5100000
GLYPHYLLINE see: XH5100000
GLYSANOL B see: MD6475000
GLYSOLETTEN see: CQ6825000
GLYTAC see: KW3730000
GLYTOL see: TZ1225000
GM 14 see: TR8100000
GME see: ES7065000

MD4800000 GMELINA ASIATICA Linn., extract excluding roots
DEF:Indian plant belonging to the family VERBENACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

G-M-F see: DK4900000
GMI see: HO0525000
GMP see: MF9283000
5'-GMP see: MF9283000
GMP DISODIUM SALT see: MF9290000
5'-GMP DISODIUM SALT see: MF9290000
GMP SODIUM SALT see: MF9290000
GM SULFATE see: LY2625000
213 GN see: FZ2235010
214 GN see: FZ2281100
215 GN see: FZ2257020
217 GN see: FZ2257000
218 GN see: FZ2235000
223 GN see: FZ2281200
224 GN see: FZ2235020
228 GN see: FZ2257010

MD4875000 GNAPHALIUM PULVINATUM Delile, extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 9,91,71)
UPDT:8305

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 9,91,71

MD4880000 GNETUM ULA Brongn., extract excluding roots
DEF:Indian plant belonging to the family GNETACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: TOLUMBI EXTRACT

TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:375 mg/kg IJEBA6 9,91,71

GNOSCOPINE see: QN5600000
GO-230 see: NW7183000
Go 919 see: XJ5131750
GO-1261 see: GW4375000
GOAL see: KN6900000
Go 1261 C see: GW4375000
GODH-MAWA STEM BARK EXTRACT (Indian) see: JZ4760000
GOE 687 (German) see: AI9160000
GOHENSIL E 50Y see: AK0920000
GOHSENOL see: TR8100000
GOHSENOL AH 22 see: TR8100000
GOHSENOL GH see: TR8100000
GOHSENOL GH 17 see: TR8100000
GOHSENOL GH 20 see: TR8100000
GOHSENOL GH 23 see: TR8100000
GOHSENOL GL 03 see: TR8100000
GOHSENOL GL 05 see: TR8100000
GOHSENOL GL 08 see: TR8100000
GOHSENOL GM 14 see: TR8100000
GOHSENOL GM 94 see: TR8100000
GOHSENOL GM 14L see: TR8100000
GOHSENOL KH 17 see: TR8100000
GOHSENOL NH 05 see: TR8100000
GOHSENOL NH 17 see: TR8100000
GOHSENOL NH 18 see: TR8100000
GOHSENOL NH 20 see: TR8100000
GOHSENOL NH 26 see: TR8100000
GOHSENOL NK 114 see: TR8100000
GOHSENOL NL 05 see: TR8100000
GOHSENOL NM 14 see: TR8100000
GOHSENYL E 50 Y see: AK0920000
D-GOITRIN see: RQ2280000 2-OXAZOLIDINETHIONE, 5-VINYL-, (R)-
(R)-GOITRIN see: RQ2280000
GOLARSYL see: CF8600000

MD5070000 GOLD
UPDT:8411 CAS: 7440-57-5 MW: 196.97 MOLFM: Au
SYN: BURNISH GOLD * C.I. 77480 * C.I. PIGMENT METAL 3 * COLLOIDAL GOLD * GOLD FLAKE * GOLD LEAF * GOLD POWDER * MAGNESIUM GOLD PURPLE * SHELL GOLD

TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:200 mg/kg NATWAY 42,75,55
2V03V10 imp-mus TDLo:21 gm/kg NATWAY 42,75,55
2V03V10 imp-rat TD :4730 mg/kg NATWAY 42,75,55

TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:58 mg/kg ZEKBAI 63,586,60

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1721 GOLD see: GL5325000

MD5265000 GOLD, BIS(2-PHENYL-4-QUINOLINECARBOXYLATO)DICHLORO-, DIHYDROCHLORIDE
UPDT:8405 MW: 837.33 MOLFM: C32-H20-Au-Cl2-N2-O4 2Cl-H
SYN: BIS(2-PHENYL-4-QUINOLINECARBOXYLATO)DICHLOROGOLD DIHYDROCHLORIDE * GOLD CINCHOPHEN

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:285 mg/kg JAPMA8 40,215,51

GOLD BOND see: FI4100000
GOLD BOND R see: VV7330000

MD5300000 GOLD, BROMODIETHYL-
UPDT:8308 MW: 335.02 MOLFM: C4-H10-Au-Br
SYN: BROMODIETHYLGOLD * DIETHYLGOLD BROMIDE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

GOLD BRONZE see: GL5325000

MD5370000 GOLD, (3-CARBOXYPYRIDINE)TRICHLORO-
UPDT:8405 MW: 426.44 MOLFM: C6-H5-Au-Cl3-N-O2
SYN: (3-CARBOXYPYRIDINE)TRICHLOROGOLD * GOLD NICOTINIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:85 mg/kg JAPMA8 40,215,51

MD5425000 GOLD CHLORIDE, DIHYDRATE
UPDT:8403 CAS: 10294-30-1 MW: 339.36 MOLFM: Au-Cl3 2H2-O
SYN: AURIC CHLORIDE DIHYDRATE * GOLD TRICHLORIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:1500 mg/kg MEIEDD 10,650,83

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MDCHAG 13(1),209,74

GOLD CINCHOPHEN see: MD5265000
GOLD DUST see: YM2800000
GOLDEN ANTIMONY SULFIDE see: CC6125000
GOLDEN BROWN RK-FQ see: DB5950000
GOLDEN YELLOW see: HO7030000
GOLD FLAKE see: MD5070000
GOLD, (D-GLUCOPYRANOSYLTHIO)- see: MD6475000
GOLDINODOX see: QA2809000
GOLDINOMYCIN see: QA2809000
GOLD LEAF see: MD5070000
GOLD NICOTINIC ACID see: MD5370000
GOLD ORANGE see: DB6327000
GOLD ORANGE MP see: CZ1750000
GOLD POWDER see: MD5070000
GOLD SATINOBRE see: OG5425000
GOLD, 2,3,4,6-TETRA-O-ACETYL-1-THIO-beta-D-GLUCOPYRANOSATO-S)-, see: MD6500000
GOLD THIAMINE see: MD6670000

MD6475000 GOLD, (1-THIO-D-GLUCOPYRANOSATO)-
UPDT:8405 CAS: 12192-57-3 MW: 392.20 MOLFM: C6-H11-O5-S Au
SYN: AUREOTAN * AUROMYOSE * AUROTAN * 1-AUROTHIO-D-GLUCOPYRANOSE * AUROTHIOGLUCOSE * AURUMINE * AUTHRON * BRENOL * (D-GLUCOPYRANOSYLTHIO)GOLD * (1-D-GLUCOSYLTHIO)GOLD * GLYSANOL B * GOLD, (D-GLUCOPYRANOSYLTHIO)- * GOLD THIOGLUCOSE * GTG * ORONOL * ROMOSOL * SOLGANAL * SOLGANAL B * (1-THIO-D-GLUCOPYRANOSATO)GOLD * 1-THIO-D-GLUCOPYRANOSE, GOLD COMPLEX * 1-THIO-GLUCOPYRANOSE, MONOGOLD(1+) SALT * 1-THIO-D-GLUCOPYRANOSE, MONOGOLD(1+) SALT * THIOGLUCOSE D'OR (French)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 ipr-mus TDLo:400 mg/kg (1D pre) PSEBAA 124,1190,67
1T13 par-mus TDLo:800 mg/kg (1D pre) ENDOAO 78,845,66

TUMORIGENIC DATA AND REFERENCES:
2V01R60 par-mus TDLo:400 mg/kg PAACA3 3,37,59
2V02Q60 par-mus TD :750 mg/kg RFECAC 13,40,68

TOXICITY DATA AND REFERENCES:
scu-mus LDLo:1650 mg/kg EMSUA8 3,146,45
ivn-ckn LD50:1000 mg/kg POSCAL 52,926,73
ims-ckn LDLo:300 mg/kg TXAPA9 35,223,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MDCHAG 13(1),209,76
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 13,39,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MD6500000 GOLD, (1-THIO-beta-D-GLUCOPYRANOSATO-S)(TRIETHYLPHOSPHINE)-, 2,3,4,6-TETRAACETATE
UPDT:8405 CAS: 34031-32-8 MW: 678.54 MOLFM: C20-H34-Au-O9-P-S
SYN: AURANOFIN * GOLD, 2,3,4,6-TETRA-O-ACETYL-1-THIO-beta-D-GLUCOPYRANOSATO-S)-TRIETHYLPHOSPHINE (9CI) * RIDAURA * SK&F 39162 * SK&F 39162D * SK&F D-39162 * 2,3,4,6-TETRA-O-ACETYL-1-THIO-beta-D-GLUCOPYRANOSATO-S (TRIETHYLPHOSPHINE)GOLD * (1-THIO-beta-D-GLUCOPYRANOSATO)-(TRIETHYLPHOSPHINE)GOLD 2,3,4,6-TETRAACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T26T34 orl-rat TDLo:100 mg/kg (6-15D preg) VTPHAK 15(Suppl 5),89,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:265 mg/kg VTPHAK 15(Suppl 5),1,78
unk-rat LD50:265 mg/kg DRFUD4 1,451,76
orl-mus LD50:310 mg/kg VTPHAK 15(Suppl 5),1,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GOLD THIOGLUCOSE see: MD6475000
GOLD TRICHLORIDE see: MD5425000

MD6670000 GOLD, TRICHLORO-, compd. with THIAMINE (2:1)
UPDT:8405 MW: 907.48 MOLFM: C12-H17-Au2-Cl7-N4-O-S
SYN: GOLD THIAMINE

TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:25 mg/kg JAPMA8 40,215,51

GOLPATHA, extract (Indian) see: MW5770000 HYDROCOTYLE PODANTHA Molken, extract
GOLTIX see: XZ3015000
GOMBARDOL see: WO8400000
GOMNI EXTRACT (Indian) see: JW0580000

MD6829000 GOMPHOSTEMMA PARVIFLORUM Wall, extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

MD6839500 GOMPHRENA CELOSIOIDES Mart., extract
DEF:Indian plant belonging to the family AMARANTHACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

GONABION see: MD6953000
GONACIN see: AR9660000

BEST COPY AVAILABLE

GONACRINE see: AR9625000
GONACRINE see: AR9660000
GONADEX see: MD6953000

MD6950600 GONA-4,12-DIEN-3-ONE, 17-METHYL-17-PROPYL-
UPDT:8401 MW: 298.51 MOLFM: C21 H30 O
SYN: 17-METHYL-17-PROPYLGONA-4,12-DIEN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MD6950700 GONA-1,5(10)-DIEN-3-ONE, 4,4,17-TRIHYDROXY-, 4,4-DIACETATE
UPDT:8401 MW: 374.47 MOLFM: C21-H26-O6
SYN: 4,4,17-TRIHYDROXYGONA-1,5(10)-DIEN-3-ONE 4,4-DIACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:1 mg/kg (1D pre) 13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GONADOLIBERIN see: OK6372000
GONADORELIN see: OK6372000
GONADORELIN DIACETATE see: OK6470000
GONADOSTATIN see: NM7109000
GONADOTRAPHON FSH see: TU4517000

MD6953000 GONADOTROPIN, CHORIONIC
UPDT:8408 CAS: 9002-61-3
SYN: AMBINON * ANTUITRIN S * APL * APL (HORMONE) * APOIDINA * CHORIGON * CHORIOGONADOTROPIN * CHORIOGONIN * CHORIONIC GONADOTROPHIN * CHORIONIC GONADOTROPIC HORMONE * CHORIONIC GONADOTROPIN * CHORULON * CORIANTIN * FOLLUTEIN * GONABION * GONADEX * HCG * HUMAN CHORIONIC GONADOTROPIN * KORIOTRIN * PHYSEX * PRAEDYN * PREGNYL * PRIMOGONYL * RANDONOS * SYNAPHORIN

MUTATION DATA AND REFERENCES:
spm-rml-ipr 18 mg/kg/2D ENDKAC 67,167,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 unk-wmn TDLo:36 mg/kg (6D pre) ACENA7 78,332,75
2T24T29 ipr-rat TDLo:150 mg/kg (1-3D preg) ENDOAO 83,217,68
1T01 ipr-rat TDLo:40 mg/kg (100 male) JRPFA4 46,283,76
1T31 scu-rat TDLo:875 mg/kg (15-17D preg) BBACAQ 385,257,75
2T12T13 scu-rat TDLo:1250 ug/kg (1D pre) JRPFA4 45,227,75
1T25 scu-rat TDLo:5250 ug/kg (7-13D preg) CCPTAY 21,551,80
1T09 scu-rat TDLo:16 mg/kg (4D male) IJMRAQ 66,597,77
1T25 ims-rat TDLo:83 ug/kg (9D preg) JRPFA4 42,67,75
2T12T13 par-rat TDLo:125 mg/kg (4D pre) JRPFA4 64,529,82
1T02 par-rat TDLo:420 mg/kg (7D male) BBRCA9 76,855,77
1T09 par-rat TDLo:200 mg/kg (1D male) JBCHA3 254,5613,79
1T81 unk-rat TDLo:1650 mg/kg (1-22 preg) ACENA7 3,365,49
1T16 unk-rat TDLo:50 mg/kg (4D preg) JRPFA4 17,387,68
1T25 unk-rat TDLo:21212 ng/kg (7-13D preg) FEPRA7 34,324,75
1T09 unk-rat TDLo:12 mg/kg (1D male) BIREBV 22,1094,80
1T24 ipr-mus TDLo:24 mg/kg (6D pre) GHREAA 120,25,71
1T25 scu-mus TDLo:560 mg/kg (7-13D preg) CCPTAY 21,551,80
1T13 ims-mus TDLo:6 mg/kg (3D pre) PSEBAA 133,1254,70
1T14 scu-mky TDLo:10 mg/kg (5D pre) FESTAS 30,343,78
1T14 ims-mky TDLo:224 mg/kg (18-36D preg) LIFSAK 27,1609,80
1T16 unk-mky TDLo:30 mg/kg (15D pre) FESTAS 32,464,79
1T29 ivn-pig TDLo:833 ug/kg (1D pre) JRPFA4 16,261,68
1T29 ims-pig TDLo:833 ug/kg (1D pre) JRPFA4 16,261,68
1T24 ipr-ham TDLo:240 mg/kg (1-3D preg) ENDOAO 83,217,68
1T35 ipr-ham TDLo:60 mg/kg (4-6D preg) ENDOAO 83,217,68
1T25 scu-ham TDLo:280 mg/kg (7-13D preg) CCPTAY 21,551,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GONADOTROPIN-RELEASING FACTOR see: OK6372000
GONADOTROPIN RELEASING HORMONE see: OK6372000
GONADOTROPIN RELEASING HORMONE, (D-HIS(sub 6)(IM-BZL)-PRO(sup 9)-NET)- see: OK6508000
GONADOTROPIN RELEASING HORMONE, (D-TRP(sup 6)-PRO(sup 9)-NET)- see: OK6735000
GONAD STIMULATING FACTOR see: LP6330000
GONADYL see: TU4517000

GONA-1,3,5(10)-TRIENE-3,16,17-TRIOL, 13-ETHYL-, (16-alpha,17-beta)- (9CI) see: MD6959000

MD6959000 GONA-1,3,5(10)-TRIENE-3,16-alpha,17-beta-TRIOL, 13-ETHYL-
UPDT:8405 CAS: 19882-03-2 MW: 302.45 MOLFM: C19-H26-O3
SYN: GONA-1,3,5(10)-TRIENE-3,16,17-TRIOL, 13-ETHYL-, (16-alpha,17-beta)- (9CI) * 18-HOMO-ESTRIOL * 18-HOMO-OESTRIOL * WY-5090

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:20 mg/kg (1-4D preg) JRPFA4 26,235,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GONDAFON see: DB2920000
GONDI EXTRACT (Indian) see: GM2462000

MD6970000 GONGRONEMA NEPALENSE Dcne., extract excluding roots
DEF:Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 12,512,74)
UPDT:8305

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 12,512,74

GONIOTHALAMIN see: UQ0590000
GONIOTHALAMINE see: UQ0590000
GONOCRIN see: AR9625000
GONOSAN see: UQ0518000
GONTOCHIN see: VB2360000
GONTOCHIN PHOSPHATE see: VB2450000

MD7050300 GONYAULAX MONILATA, extract
DEF:A marine algae (JACTDZ 2(2),243,83)
UPDT:8408

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:6 mg/kg JACTDZ 2(2),243,83

GOOD-RITE see: TQ2690000
GOOD-RITE GP 264 see: TI0350000
GOOD-RITE K 37 see: AT4680000
GOOD-RITE K-700 see: AT4680000
GOOD-RITE K 702 see: AT4680000
GOOD-RITE K727 see: AT4680000
GOOD-RITE WS 801 see: AT4680000
GOODRITE 1800X73 see: WL6478000
GOP EXTRACT (Indian) see: KE9585000
GOPHACIDE see: TB4725000
GORDONA see: TB9100000

MD7179700 GORDONIA OBTUSA Wall., extract excluding roots
DEF:Indian plant belonging to the family TERNSTROEMIACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: NAGETTA, extract

TOXICITY DATA AND REFERENCES:
3H30J30U26 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

GORE-TEX see: KX4025000
GORMAN see: TU4517000
GOSHTAM see: GN1775000
GOSSYPIMINE see: SG1623000

MD7222000 GOSSYPIUM spp., leaf and stem extract
DEF:Jamaican plant belonging to the family MALVACEAE (JPPMAB 14,556,62)
UPDT:8405

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:20 gm/kg JPPMAB 14,556,62

MD7224000 GOSSYPIUM HERBACEUM L., extract
UPDT:8401

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T24T25 ipr-rat TDLo:250 mg/kg (1D preg) CCPTAY 18,191,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MD7226000 GOSSYPIUM HERBACEUM Linn., seed extract
DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:681 mg/kg IJEBA6 18,594,80

GOSSYPOL see: DU3100000

MD7360000 GOSSYPOL ACETIC ACID
UPDT:8411 CAS: 12542-36-8
SYN: ACETIC ACID GOSSYPOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T02T03T09 orl-rat TDLo:1080 mg/kg (36D male) INJFA3 27,213,82
2T01T02 orl-rat TDLo:630 mg/kg (21D male) SSINAV 23,642,86
1T23 orl-rat TDLo:180 mg/kg (24D male) INJFA3 27,213,82
1T24 orl-rat TDLo:700 mg/kg (70D male) CCPTAY 21,461,80
1T01 orl-rat TDLo:350 mg/kg (5W male) BIREBV 28,1007,83
2T02T03 scu-rat TDLo:1125 mg/kg (45D male) BIREBV 30,1198,84
1T01 scu-rat TDLo:900 mg/kg (30D male) BIREBV 30,1198,84
1T24 imp-rat TDLo:200 mg/kg (98D male) CCPTAY 21,461,80
1T01 imp-rat TDLo:200 mg/kg (42D male) CCPTAY 21,461,80
1T29 orl-mus TDLo:1040 mg/kg (1-13D preg) CCPTAY 24,97,81
2T01T03 orl-mus TDLo:200 mg/kg (20D male) JRPFA4 70,341,84
1T01 orl-mky TDLo:900 mg/kg (90D male) BIREBV 27,241,82
1T22 ivg-rbt TDLo:1 mg/kg (1D pre) CCPTAY 22,659,80
1T03 orl-gpg TDLo:490 mg/kg (49D male) ANREAK 205,219A,83
1T23 orl-ham TDLo:420 mg/kg (42D male) CCPTAY 24,97,81
1T01 orl-ham TDLo:300 mg/kg (30D male) CCPTAY 21,461,80
1T24 orl-ham TDLo:350 mg/kg (70D male) CCPTAY 21,461,80
3T01T02T23 orl-ham TDLo:700 mg/kg (70D male) FESTAS 37,686,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GOTAMINE TARTRATE see: KE8225000
GOTHNION see: TE1925000

MD7462000 GOUANIA LEPTOSTACHYA DC., extract excluding roots
DEF:Indian plant belonging to the family RHAMNACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: GOUANIA NEPALENSIS, extract excluding roots

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 12,512,74

MD7462500 GOUANIA LUPULOIDES Urb., leaf and stem extract
DEF:Jamaican plant belonging to the family RHAMNACEAE (JPPMAB 14,556,62)
UPDT:8405

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

GOUANIA NEPALENSIS, extract excluding roots see: MD7462000
GOUGEROTIN see: LZ6572500
GOVANINE METHYL ETHER CITRATE see: DR9810000
G O (OXIDE) see: BD1200000
G 2 (OXIDE) see: BD1200000
GOYL see: CF8400000
GP-121 see: TN2272600
2100 GP see: TQ3325000
GP26872 see: UQ8300000
GP 45840 see: AG6330000
GP-40-66-120 see: EJ0700000
GPCD 398 see: UD1842000
GPKh see: PC0700000
GR see: MF8750000
GR 2/234 see: TU4157190
GR 2/1159 see: RC8899100
GR 33040 see: TL8750000
GRAAFINA see: KG4050000
GRAFESTROL see: WJ5600000
GRAHAM'S SALT see: QY3750000
GRAIN ALCOHOL see: KQ6300000
GRAIN SORGHUM HARVEST-AID see: FO0525000

MD8062000 GRAIN TREET
DEF:A mixture of ACETIC, PROPIONIC and other acids (FMCHA2 -,C118,83)
UPDT:8309

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4300 mg/kg FMCHA2 -,C118,83

GRAMAXIN see: XI0390000
GRAMEVIN see: UF0690000
GRAMEVIN see: UF1225000
GRAMINON see: YT0170000
GRAMISAN see: OW0875000
GRAMIXEL see: DW2275000
GRAMONOL see: DW2275000
GRAMOXON see: DW2275000
GRAMOXONE see: DW2275000
GRAMOXONE D see: DW2275000
GRAMOXONE DICHLORIDE see: DW2275000
GRAMOXONE METHYL SULFATE see: DW2010000
GRAMOXONE S see: DW2275000
GRAMOXONE W see: DW2275000
GRAMPENIL see: XH8350000
GRAMURON see: DW2275000

MD9100000 GRANATICIN
UPDT:8403 CAS: 19879-06-2 MW: 444.42 MOLFM: C22-H20-O10
SYN: ANTIBIOTIC WR 141 * GRANATICIN A * LITMOMYCIN * WR 141

MUTATION DATA AND REFERENCES:
dni-bcs 600 nmol/L ZBPHA6 212,259,69
oms-bcs 600 nmol/L ZBPHA6 212,259,69

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg 85ERAY 1,135,78
* scu-mus LD50:250 mg/kg MEIEDD 10,652,83
* unk-mus LD50:38 mg/kg 85FZAT -,823,67

BEST COPY AVAILABLE

GRAMATICIN A see: MD9100000
GRANEGILLIN see: CI9625000
GRANEX G see: FO0525000

MD9270000 GRANGEA MADRASPATANT Poir., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 7,250,69)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:250 mg/kg IJEBA6 7,250,69

MD9280000 GRANGEA MADERASPATANA (L.) Poir, leaf extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:681 mg/kg IJEBA6 18,594,80

GRANMAG see: OM3850000
GRANOSAN see: OV9800000
GRANOSAN M see: OW3850000
GRANOSAN M see: OW3750000
GRANOX NM see: DA2975000
GRANOX PFM see: GW5075000
GRANULAR ZINC see: ZG8600000
GRANULATED SUGAR see: WN6500000
GRANULIN see: AB4230000
GRANUREX see: YS3810000
GRANUTOX see: TD9450000
GRAPE BLUE A GEIGY see: DU3000000
GRAPEFRUIT OIL see: RI7199000
GRAPE SUGAR see: LZ6600000
GRAPHITE see: FF5250100
GRAPHITE, natural see: VV7780000
GRAPHTAL RED RL see: QL3436000
GRAPHTOL RED A-4RL see: QK4247000
GRAPHTOL RED 2GL see: QL3854000
GRAPHTOL RED RL see: QL3436000
GRAPHTOL YELLOW A-MG see: AK4580000
GRASAL BRILLIANT RED R see: QL5775000
GRASAL BRILLIANT RED G see: QK4250000
GRASAL BRILLIANT YELLOW see: BX7350000
GRASAL ORANGE see: QL4900000
GRASAL YELLOW see: QM4725000
GRASAN BRILLIANT RED B see: QL5775000
GRASAN BROWN DT NEW see: ST2900000
GRASAN ORANGE R see: QL4900000
GRASAN ORANGE 3R see: QL5850000
GRASCIDE see: UE4900000
GRASEX see: FM7870000
GRASIP see: GU8390000
GRASIPAN see: GU8390000
GRASLAN see: YS4250000
GRASOL BLUE 2GS see: CB0540000
GRASPAZ see: GU8390000
GRASSLAND WEEDKILLER see: AF9700000
GRATIBAIN see: RN3675000
GRATUS STROPHANTHIN see: RN3675000
GRAVIDOX see: UV1300000
GRAVINOL see: XH5082000
GRAVISTAT see: JF8300000
GRAVOCAIN see: AN7525000
GRAVOCAIN HYDROCHLORIDE see: AN7600000
GRAVOL see: XH5082000
GRAY AMBER see: BD8650000
GRAYANOTOXANE-3,5,6,10,14,16-HEXOL, (3-beta,6-beta,14R)- see: PB9190000
GRAYANOTOXANE-3,5,6,10,14,16-HEXOL 14-ACETATE see: PB9195000
GRAYANOTOXANE-3,5,6,10,14,16-HEXOL, 14-ACETATE, (3-beta,6-beta,14R)- see: PB9195000
GRAYANOTOX-10(20)-ENE-3,5,6,14,16-PENTOL, (3-beta,6-beta,14R)- see: PB9220000
GRAYANOTOXIN I see: PB9 75000
GRAYANOTOXIN II see: PB9220000
GRAYANOTOXIN III see: PB9190000
GREEN 5 see: BQ1150000
1724 GREEN see: BQ4425000
11661 GREEN see: GB6475000
12078 GREEN see: BQ1150000
12415 GREEN see: BP6825000
GREEN CHROME OXIDE see: GB6475000
GREEN CHROMIC OXIDE see: GB6475000
GREEN CHROMIUM OXIDE see: GB6475000
GREEN CINNABAR see: GB6475000
GREEN CROSS COUCH GRASS KILLER see: AJ9100000
GREEN CROSS CRABGRASS KILLER see: GS6825000
GREEN CROSS WARBLE POWDER see: DJ2800000
GREEN-DAISEN M see: ZB3200000
GREEN EN see: BP6825000
GREENHARTEN see: QL8750000
GREEN HELLEBORE see: YX7875000
GREEN HYDROQUINONE see: VA4550000
GREEN NICKEL OXIDE see: QR8400000
GREEN No. 203 see: BQ4900000
GREENOCKITE see: EV3150000
GREEN OIL see: CA9350000
GREEN OXIDE of CHROMIUM see: GB6475000
GREEN OXIDE of CHROMIUM OC-31 see: GB6475000
GREEN ROUGE see: GB6475000
GREEN S see: BQ1150000
GREEN SEAL-8 see: ZH4810000
GREEN VITRIOL see: NO8500000
GREEN VITROL see: NO8510000
GRELAN see: UW5969200
GREOSIN see: WG9800000
GRESFEED see: WG9800000
G-RESINS see: TQ3325000

ME2910250 GREVILLEA ROBUSTA A. Cunn., extract excluding roots
DEF:Indian plant belonging to the family PROTEACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: SILVER OAK, extract
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

ME2910300 GREWIA ASIATICA Linn., seed extract
UPDT:8405
SYN: FARUSMA, seed extract * PHALSA, seed extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:2500 mg/kg (1-5D preg) IJMRAQ 59,302,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ME2910400 GREWIA DISPERMA Rottle. ex Sprong., extract excluding roots
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:47 mg/kg IJEBA6 12,512,74

ME2910450 GREWIA ELASTICA Royle, stem bark extract
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: DHAMAN STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:250 mg/kg IJEBA6 7,250,69

ME2910500 GREWIA FLAVESCENS Juss., extract excluding roots
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: PHRANGADI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

ME2910550 GREWIA HIRSUTA Vahl, extract
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: GURSAKRI EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

ME2910560 GREWIA HIRSUTA Vahl var. HELICTEUFOLIA Wall., extract excluding roots
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:94 mg/kg IJEBA6 15,208,77

ME2910600 GREWIA LATIFOLIA Mast., extract excluding roots
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: DHAMAN EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:625 mg/kg IJEBA6 7,250,69

GREWIA MICROCOS Linn., extract excluding roots see: PY4620000

ME2910650 GREWIA OBTUSA Wall., extract excluding roots
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

ME2910655 GREWIA SAPIDA Roxb., root extract
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:125 mg/kg IJEBA6 18,594,80

ME2910660 GREWIA SERRULATA DC, extract excluding roots
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

ME2910700 GREWIA SUBINAEQUALIS DC., extract excluding roots
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: PHALSA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:375 mg/kg IJEBA6 9,91,71

ME2910710 GREWIA TILIAEFOLIA Vahl var. ARGENTIA Burret., extract excluding roots
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

ME2910715 GREWIA TILIAEFOLIA Vahl. var. TILIAEFOLIA Vahl, stem bark extract
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:188 mg/kg IJEBA6 15,208,77

ME2910720 GREWIA TOMENTOSA, stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:63 mg/kg CPBTAL 13,882,65

ME2910750 GREWIA UMBELLIFERA Bedd., extract excluding roots
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

ME2910800 GREWIA VILLOSA Willd., extract excluding roots
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg IJEBA6 12,512,74

GREX see: TQ3325000
GREX PP 60-002 see: TQ3325000
GREY ARSENIC see: CG0525000
Gn-RH see: OK6372000
GRICIN see: WG9800000
GRIFFEX see: XY5600000
GRIFFIN MANEX see: OP0700000
GRIFFIN SUPER Cu see: GL8800000
GRIFOMIN see: XH5600000
GRIFULVIN see: WG98U0000
GRISFULVIN V see: WG9800000
GRILON see: RF5250000
GRILON see: TQ9800000
GRIPENIN see: ON9105000
GRIPPEX see: TI4375000
GRISACTIN see: WG9800000

ME3400000 GRISALVA
DEF:A highly complex mixture containing saturated and unsaturated polycyclic materials(FCTOD7 20(Suppl),695,82)
UPDT:8305
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),695,82

ME3500000 GRISAMINE
UPDT:8309 CAS: 1403-69-6 MW: 604.71 MOLFM: C28-H38-N5-O10
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:150 mg/kg 85GDA2 5,217,81

GRISCOFULVIN see: WG9800000
GRISEFULINE see: WG9800000

BEST COPY AVAILABLE

ME3609000 GRISEIN
UPDT:8411 CAS: 1391-82-8 MW: 1090.02 MOLFM: C40-H61-Fe-N10-O20-S
SYN: ALBOMYCIN A1 * CORMOGRIZIN * GRISIN * KORMOGRIZEIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:600 mg/kg MEIEDD 10,653,83
* ipr-mus LD50:600 mg/kg 85GDA2 4(1),442,80
* scu-mus LD50:34 mg/kg MEIEDD 10,653,83
GRISEO see: WG9800000
GRISEOFULVIN see: WG9800000
(+)-GRISEOFULVIN see: WG9800000
GRISEOFULVIN-FORTE see: WG9800000
GRISEOFULVINUM see: WG9800000
GRISEOLUTEIN A see: SG1576550

ME3850000 GRISEOLUTEIN B
UPDT:8309 CAS: 2072-68-6 MW: 344.35 MOLFM: C17-H16-N2-O6
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:800 mg/kg 85ERAY 1,763,78
* scu-mus LD50:400 mg/kg 85GDA2 5,144,81
* ivn-mus LD50:200 mg/kg 85GDA2 5,144,81
GRISETIN see: WG9800000
GRISEUCIN A see: WH1309600
GRISEUCIN B see: WH1317200
GRISIN see: ME3609000
GRISOFULVIN see: WG9800000
GRISOL see: UX6825000
GRISOLEN see: TQ3325000
GRISORIXIN see: QF6830000
GRISOVIN see: WG9800000
GRIS-PEG see: WG9800000
GR-M see: EI9660000
GROCEL see: LY8990000
GROCO see: OI9690000
GROCO 2 see: RG2275000
GROCO 4 see: RG2275000
GROCO 6 see: RG2275000
GROCO 54 see: WI2800000
GROCO 55 see: WI2800000
GROCO 58 see: WI2800000
GROCO 59 see: WI2800000
GROCO 5810 see: WI2900000
GROCO 5L see: RG2275000
GROCO 55L see: WI2800000
GROCOLENE see: MA8050000
GROCOR 5500 see: RG1925000
GROCOR 6000 see: RG1925000
GROFAS see: VD2275000
GROSAFE see: FF5250100
GROUNDNUT OIL see: RX2830000
GROUND RYANIA SPECISA(VAHL) STEMWOOD (ALKOLOID RYANODINE) see: VM4025000
GROUND VOCLE SULPHUR see: WS4250000
GROWTH HORMONE see: TO7385000
GRUNDIER ARBEZOL see: SM6300000
GRYSIO see: WG9800000
GRYZBOL see: XK9450000
GRZYBOL see: XK9450000
GS-2876 see: QI9275000
GS 2989 see: QI7830000
GS-3065 see: QI8650000
GS 6244 see: FE2779000
GS-12968 see: TE9873000
GS 13005 see: TE2100000
GS-13332 see: EZ9084000
GS 13529 see: XY4550000
GS-13,798 see: FC4900000
GS 14254 see: XY4980000
GS 14259 see: XY5020000
GS 14260 see: XY4725000
GS-16068 see: XY4100000
GS-17851 see: DD2100000
GS 21360 see: XZ0175000
GSH see: MC0556000
G-STROPHANTHIN see: RN3675000
GT see: LX8580000
GT41 see: EK1750000
GT-1012 see: AX7750000
GT 2041 see: EK1750000
GTG see: MD6475000
GTN see: QX2100000
GTP see: MF8793000
5'-GTP see: MF8793000
GUAIACOL see: SL7525000
m-GUAIACOL see: SL7524000
GUAIACOL, mixt. with FORMALDEHYDE see: LP9470000
GUAIACOLGLICERINETERE see: TY8400000
GUAIACOL GLYCERYL ETHER see: TY8400000

ME6130000 GUAIACOL, 2-(alpha-METHYLAMINOPHENETHYL)-, HYDROCHLORIDE
UPDT:8410 MW: 293.82 MOLFM: C16-H19-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:111 mg/kg JAPMA8 39,354,50

ME6131000 GUAIACOL, 4-(alpha-METHYLAMINOPHENETHYL)-, HYDROCHLORIDE
UPDT:8410 MW: 293.82 MOLFM: C16-H19-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
2F11F12 scu-mus LDLo:672 mg/kg JAPMA8 39,354,50
GUAIACURANE see: TY8400000

ME6270000 GUAIAC WOOD OIL
UPDT:8305 CAS: 8016-23-7
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,905,74
GUAIACYL GLYCERYL ETHER see: TY8400000
GUAIACYLPROPANE see: SL8050000

ME6344000 GUAIA-1(5),7(11)-DIENE
UPDT:8305 CAS: 88-84-6 MW: 204.39 MOLFM: C15-H24
SYN: AZULENE, 1,2,3,4,5,6,7,8-OCTAHYDRO-1,4-DIMETHYL-7-(1-METHYLETHYLIDENE)-, (1S,cis)- (9CI) * GUAIENE * beta-GUAIENE * 1,2,3,4,5,6,7,8-OCTAHYDRO-1,4-DIMETHYL-7-(1-METHYLETHYLIDENE)-AZULENE, (1S,cis)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTXAV 17,371,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

GUAIAMAR see: TY8400000

ME6385000 4-beta-H,5-beta,10-beta-H-GUAIANE-2-beta,8-alpha-DIOL, 10,11-EPOXY-, DIACETATE
UPDT:8411 CAS: 13835-51-3 MW: 338.49 MOLFM: C19-H30-O5
TOXICITY DATA AND REFERENCES:
3F07F17F42 orl-mus LDLo:5 gm/kg YKKZAJ 93,599,73
GUAIANESIN see: TY8400000
GUAICOL see: SL7525000
GUAIENE see: ME6344000
beta-GUAIENE see: ME6344000
GUAIFENESIN see: TY8400000
GUAIMERCOL see: OW4760000
GUAIPHENESINE see: TY8400000
GUAIPHESIN see: TY8400000
GUAJACOL-GLYCERINAETHER (German) see: TY8400000
GUAJACOL-alpha-GLYCERINETHER see: TY8400000
GUAJACURAN see: TY8400000
GUAJAMAL see: TY8400000
GUAKOLI EXTRACT (Indian) see: OL8800000
GUAMECICLINA (Italian) see: QI7610000
GUAMECYCLINE see: QI7610000
GUAMIDE see: WO8575000
GUANAR see: TY8400000
GUANATOL HYDROCHLORIDE see: DU1750000
GUANAZODINE SULFATE MONOHYDRATE see: MF5350000 GUANIDINE, ((OCTAHYDRO 2-AZOCINYL)METHYL)-,SULFATE, HYDRATE
GUANAZOL see: XZ6157000
GUANAZOLE see: XZ4535000
GUANAZOLO see: XZ6157000
GUANERAN see: UO7505000
GUANETHIDINE see: MF2975000
GUANETHIDINE BISULFATE see: MF3240000
GUANETHIDINE HYDROCHLORIDE see: MF3100000 GUANIDINE, (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)-, MONOHYDROCHLORIDE
GUANETHIDINE MONOSULFATE see: MF3150000
GUANETHIDINE SULFATE see: MF3240000
GUANFACINE HYDROCHLORIDE see: CY1481000
GUANICAINE see: MF2000000
GUANICIL see: WO8575000
GUANIDAN see: WO8575000

ME7750000 GUANIDINE
UPDT:8405 CAS: 113-00-8 MW: 59.09 MOLFM: C-H5-N3
SYN: AMINOFORMAMIDINE * AMINOMETHANAMIDINE * CARBAMAMIDINE * CARBAMIDINE * IMINOUREA
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:22400 ug/kg AEXPBL 90,129,21
scu-rat LDLo:150 mg/kg HBAMAK 4,1352,35
scu-mus LDLo:266 mg/kg HBAMAK 4,1352,35
ipr-cat LDLo:10 mg/kg AEXPBL 90,129,21
orl-rbt LDLo:500 mg/kg MEIEDD 10,657,83
scu-frg LDLo:3000 mg/kg HBAMAK 4,1352,35

ME8225000 GUANIDINE, AMINO-
UPDT:8403 CAS: 79-17-4 MW: 74.11 MOLFM: C-H6-N4
SYN: AMINATE BASE * AMINOGUANIDINE * GUANYL HYDRAZINE * HYDRAZINECARBOXIMIDAMIDE
TOXICITY DATA AND REFERENCES:
scu-rat LD50:1258 mg/kg JPETAB 119,444,57
scu-mus LD50:963 mg/kg JPETAB 119,444,57

ME8420000 GUANIDINE, 1-(2-((2-AMINOETHYL)DITHIO)ETHYL)-, HYDRIODIDE
UPDT:8406 MW: 322.26 MOLFM: C5-H14-N4-S2 H-I
SYN: AEGE * 1-(2-((2-AMINOETHYL)DITHIO)ETHYL)GUANIDINE HYDRIODIDE * 2-AMINOETHYL GUANIDINOETHYL DISULFIDE HYDRIODIDE * DISULFIDE, 2-AMINOETHYL GUANIDINOETHYL HYDRIODIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:161 mg/kg CPBTAL 19,2000,71

ME8430000 GUANIDINE, AMINO-, HYDROCHLORIDE
UPDT:8403 CAS: 1937-19-5 MW: 110.57 MOLFM: C-H6-N4 Cl-H
SYN: AMINOGUANIDINE HYDROCHLORIDE * GUANYLHYDRAZINE HYDROCHLORIDE * HYDRAZINECARBOXIMIDAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:2984 mg/kg JPETAB 28,251,26
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ME8440000 GUANIDINE, 1-AMINO-, HYDROGEN SULFATE
UPDT:8308 CAS: 2834-84-6 MW: 172.19 MOLFM: C-H6-N4 H2-O4-S
SYN: AMINOGUANIDINE SULFATE * AMINOGUANIDINE SULPHATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T26 scu-mus TDLo:7200 mg/kg (1-6D preg) JRPFA4 6,179,63
1T22 scu-mus TDLo:14400 mg/kg (1-6D preg) JRPFA4 6,179,63
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg JPETAB 90,260,47
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ME8506000 GUANIDINE, AZIDO-, PICRATE
UPDT:8308 MW: 329.23 MOLFM: C-H4-N6 C6-H3-N3-O7
SYN: AZIDO GUANIDINE PICRATE, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

ME8517000 GUANIDINE, 1-((1-BENZYL-2-AZETIDINYL)METHYL)-
UPDT:8309 MW: 218.34 MOLFM: C12-H18-N4
SYN: AZ 92 * 1-((1-BENZYL-2-AZETIDINYL)METHYL)GUANIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:110 mg/kg TAKHAA 31,453,72

ME8575000 GUANIDINE, 1-BENZYL-2,3-DIMETHYL-, SULFATE(2:1)
UPDT:8403 CAS: 114-85-7 MW: 452.64 MOLFM: C20-H30-N6 H2-O4-S
SYN: BATEL * BENTANIDOL * BENZAIDIN * BENZANIDIN * BENZANIDINE * BENZOXINE * 1-BENZYL-2,3-DIMETHYL-GUANIDINE SULFATE (1:1/2) * N-BENZYL N',N''-DIMETHYLGUANIDINE SULPHATE * BETALING * BETANIDOL * BETANIDOLE * BETHANID * BETHANIDINE HEMISULFATE * BETHANIDINE SULFATE * BW 467 C-60 * 467-C-60 * N,N-DIMETHYL-'-(PHENYLMETHYL)GUANIDINE SULPHATE (2:1) * ESBATAL * ESTABAL * EUSMANID * GUANIDINE, N,N'-DIMETHYL-N'-(PHENYLMETHYL)-, SULFATE (2:1) * HYPERSIN * NSC-106563 * REGULIN * TENATHAN
TOXICITY DATA AND REFERENCES:
orl-mus LD50:520 mg/kg BJPCAL 20,36,63
ipr-mus LD50:150 mg/kg BJPCAL 20,36,63
scu-mus LD50:260 mg/kg BJPCAL 20,36,63
ivn-mus LD50:12 mg/kg BJPCAL 20,36,63
ivn-ckn LDLo:100 mg/kg BJPCAL 20,36,63

ME8650000 GUANIDINE, 1,3-BIS((p-CHLOROBENZYLIDENE)AMINO)-
UPDT:8406 CAS: 25875-51-8 MW: 334.23 MOLFM: C15-H13-Cl2-N5
SYN: 1,3-BIS((p-CHLOROBENZYLIDENE)AMINO)GUANIDINE * CARBONIMIDIC DIHYDRAZIDE, BIS((4-CHLOROPHENYL)METHYLENE)- * CHEMCOCCIDE * CHEMOCCIDE * KHIMCOCCID * KHIMCOECID * KHIMKOETSID * KHIMKOETSIDE * ROBENIDINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1350 mg/kg VETNAL 57(9),53,81

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

* orl-mus LD50:1212 mg/kg VETNAL 53,69,76
* orl-rbt LD50:1245 mg/kg VETNAL 57(9),53,81
* orl-ckn LD50:500 mg/kg VETNAL 57(9),53,81
* orl-dck LD50:1017 mg/kg VETNAL 57(9),53,81

GUANIDINE, 1,3-BIS(p-(1-(GUANIDINOIMINO)ETHYL)PHENYL)-, HYDROCHLORIDE see: MV1674000

ME8927000 GUANIDINE, 1-(1-tert-BUTYL-3-AZETIDINYL)-
UPDT:8309 MW: 170.30 MOLFM: C8-H18-N4
SYN: AZ 69 * 1-(1-tert-BUTYL-3-AZETIDINYL)GUANIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:560 mg/kg TAKHAA 31,453,72

ME8970000 GUANIDINE, 1-BUTYL-3-NITRO-1-NITROSO-
UPDT:8405 CAS: 13010-08-7 MW: 189.21 MOLFM: C5-H11-N5-O3
SYN: N-BUTYL-N'-NITRO-N-NITROSOGUANIDINE * N-NITROSO-N'-NITRO-N-BUTYLGUANIDINE * 1-NITROSO-3-NITRO-1-BUTYLGUANIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate IDZAAW 50,403,75
mmo-esc 5 mg/L ESKHA5 88,118,70
pic-esc 10 mg/L ESKHA5 88,118,70
mmo-omi 500 ppm SOGEBZ 11,183,75
dnr-smc 2 umol/well IDZAAW 50,403,75
cyt-ham:fbr 15 mg/L/24H MUREAV 48,337,77
cyt-ham:lng 17 mg/L GMCRDC 27,95,81
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:69 mg/kg/5W-I GANNA2 69,277,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ME9390000 GUANIDINE, 1-(6-CHLORO-4-METHYL-2-QUINAZOLINYL)-3-ETHYL-, HYDROCHLORIDE, HYDRATE
UPDT:8308 MW: 318.24 MOLFM: C12-H16-Cl-N5-Cl-H-H2-O
SYN: 1-(6-CHLORO-4-METHYL-2-QUINAZOLINYL)-3-ETHYLGUANIDINE HYDROCHLORIDE HYDRATE * 2-(1-ETHYL-3-GUANIDINO)-4-METHYL-6-CHLOROQUINAZOLINE HYDROCHLORIDE HYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg ANTCAO 2,463,52

MF0028500 GUANIDINE, 2-CYANO-1,3-DINITROSO-3-METHYL-1-(2-(((4-METHYL-4-IMIDAZOLIN-5-YL)METHYL)THIO) ETHYL)-
UPDT:8312 CAS: 82038-92-4 MW: 312.40 MOLFM: C10-H16-N8-O2-S
SYN: DINITROSOCIMETIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 200 ug/plate CRNGDP 2,261,81
mmo-esc 200 ug/plate CRNGDP 2,261,81
cyt-ham:ovr 2600 nmol/L/2H CRNGDP 2,261,81
sce-ham:ovr 2600 nmol/L/2H CRNGDP 2,261,81

GUANIDINE, CYANO-, METHYLMERCURY deriv. see: OW1750000

MF0035500 GUANIDINE, N-CYANO-N'-METHYL-N''-(2-(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO)ETHYL)-
UPDT:8412 CAS: 51481-61-9 MW: 252.38 MOLFM: C10-H16-N8-O-S
SYN: CIMETIDINE * N-CYANO-N'-METHYL-N''-(2-(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO)ETHYL)GUANIDINE * 1-CYANO-2-METHYL-3-(2-(((5-METHYL-4-IMIDAZOLYL)METHYL)THIO)ETHYL)GUANIDINE * 2-CYANO-1-METHYL-3-(2-(((5-METHYLIMIDAZOL-4-YL)METHYL)THIO)ETHYL)GUANIDINE * EURECEPTOR * FPF 1002 * GASTROMET * SKF 92334 * TAGAMET * TAMETIN * TRATUL * ULCEDINE * ULCIMET * ULCOMET
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T51T74 unk-wmn TDLo:720 mg/kg (33-37W preg) AJDCAI 134,87,80
1T03 orl-rat TDLo:700 mg/kg (7D male) ARZNAD 32,734,82
2T53T91 orl-rat TDLo:4384 mg/kg (12-22D preg/21D post) SCIEAS 218,493,82
2T34T46 orl-rat TDLo:4950 mg/kg (7-17D preg) YACHDS 11,1727,83
1T25 orl-rat TDLo:1650 mg/kg (7-17D preg) YACHDS 11,1727,83
1T72 orl-rat TDLo:14850 mg/kg (7-17D preg) YACHDS 11,1727,83
TUMORIGENIC DATA AND REFERENCES:
2V03T61 orl-rat TDLo:15600 mg/kg/2Y-C TXAPA9 61,119,81
2V03T61 orl-rat TD :39312 mg/kg/2Y-C TXAPA9 61,119,81
2V03T61 orl-rat TD :98800 mg/kg/2Y-C TXAPA9 61,119,81
TOXICITY DATA AND REFERENCES:
3F14L01L12 orl-man TDLo:8571 ug/kg/D GASTAB 80,181,81
1F18 orl-man TDLo:5110 mg/kg/1Y BMJOAE 281,1284,80
3H02P14U25 orl-hmn TDLo:80 mg/kg/8D LANCAO 1,444,78
2K05K30 orl-hmn TDLo:1300 mg/kg/12W BMJOAE 1,20,78
3M03R20U25 orl-man LDLo:868 mg/kg/8W BMJOAE 285,100,82
1N30 ivn-man TDLo:4286 ug/kg DDSCDJ 26,428,81
1R21 unk-man TDLo:600 mg/kg/6W LANCAO 1,1160,81
* orl-rat LD50:5000 mg/kg MEIEDD 10,323,83
* ipr-rat LD50:328 mg/kg YACHDS 11,1685,83
* scu-rat LD50:860 mg/kg YACHDS 11,1685,83
* ivn-rat LD50:106 mg/kg MEIEDD 10,323,83
* orl-mus LD50:2550 mg/kg YACHDS 11,1685,83
* ipr-mus LD50:306 mg/kg ARZNAD 33,1655,83
* scu-mus LD50:437 mg/kg YACHDS 11,1685,83
* ivn-mus LD50:150 mg/kg MEIEDD 10,323,83
* ipr-rbt LD50:1063 mg/kg YACHDS 11,1685,83
* ivn-rbt LD50:164 mg/kg YACHDS 11,1685,83
orl-ham LD50:4000 mg/kg GASTAB 74,339,78
ipr-ham LD50:880 mg/kg GASTAB 74,339,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF0035520 GUANIDINE, N'-CYANO-N-METHYL-N''-(2-(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO)ETHYL)-N- NITROSO-
UPDT:8408 CAS: 73785-40-7 MW: 281.38 MOLFM: C10-H15-N7-O-S
SYN: NITROSOCIMETIDINE
MUTATION DATA AND REFERENCES:
dnr-esc 22 umol/L [illegible] 139,111,84

MF0035550 GUANIDINE, N-CYANO-N'-METHYL-N''-(2-(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO)ETHYL)-, mixed with SODIUM NITRITE (1:1)
UPDT:8311 MW: 321.36 MOLFM: C10-H16-N6-S N-Na-O2
SYN: CIMETIDINE mixed with SODIUM NITRITE (1:1) * SODIUM NITRITE mixed with CIMETIDINE (1:1)
MUTATION DATA AND REFERENCES:
hma-mus/ssp 6700 mg/kg MUREAV 113,21,83

MF0035600 GUANIDINE, 2-CYANO-1-METHYL-3-(2-(((5-METHYLIMIDAZOL-4-YL)METHYL)THIO)ETHYL)-1-NITROSO-
UPDT:8402 MW: 281.38 MOLFM: C10-H15-N7-O-S
SYN: N-NITROSOCIMETIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 30 ug/plate TXCYAC 15,69,79
mma-sat 1 mg/plate TOLED5 12,281,82
dnr-esc 1 mg/L TXCYAC 15,69,79
dnd-hmn:lym 350 umol/L CBINA8 38,87,81
dns-hmn:lym 180 umol/L CBINA8 38,87,81
dni-hmn:lym 170 umol/L CBINA8 38,87,81
dnd-mus:oth 1 mmol/L CALEDQ 10,223,80
cyt-ham:ovr 1200 nmol/L CALEDQ 14,71,81
sce-ham:ovr 1200 nmol/L CALEDQ 14,71,81

MF0035700 GUANIDINE, N-CYANO-N'-METHYL-N''-(2-(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO)ETHYL)-, mixed with SODIUM NITRITE (4:1)
UPDT:8303 MW: 321.36 MOLFM: C10-H16-N6-S N-Na-O2
SYN: CIMETIDINE mixed with SODIUM NITRITE (4:1) * SODIUM NITRITE mixed with CIMETIDINE (1:4)
MUTATION DATA AND REFERENCES:
mmo-sat 39 ug/plate LANCAO 2,993,81
mma-sat 80 umol/plate CRNGDP 1,925,80
dnr-esc 2500 ug/well LANCAO 2,993,81

MF0231000 GUANIDINE, 1-(3-(CYCLOHEPTYLOXY)-2-HYDROXYPROPYL)-, SULFATE (2:1)
UPDT:8408 MW: 556.82 MOLFM: C22-H46-N6-O4-H2-O4-S
SYN: 1-CYCLOHEPTYLOXY-3-GUANIDINO-2-PROPANOL SULFATE (2:1) * 1-(3-(CYCLOHEPTYLOXY)-2-HYDROXYPROPYL)GUANIDINE HEMISULFATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg ARPMAS 317,62,84

MF0234000 GUANIDINE, 1-(2-(CYCLOHEXYLAMINO)-1-(HYDROXYMETHYL)ETHYL)-
UPDT:8309 MW: 214.36 MOLFM: C10-H22-N4-O
SYN: AZ 123 * 1-(2-(CYCLOHEXYLAMINO)-1-(HYDROXYMETHYL)ETHYL)GUANIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:110 mg/kg TAKHAA 31,453,72

MF0235000 GUANIDINE, 1-((1-CYCLOHEXYL-3-AZETIDINYL)METHYL)-
UPDT:8309 MW: 210.37 MOLFM: C11-H22-N4
SYN: AZ 106 * 1-((1-CYCLOHEXYL-3-AZETIDINYL)METHYL)GUANIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg TAKHAA 31,453,72

MF0236000 GUANIDINE, (1-CYCLOHEXYL-3-AZETIDINYL)-, SULFATE (1:1)
UPDT:8309 CAS: 30300-94-8 MW: 294.42 MOLFM: C10-H20-N4-H2-O4-S
SYN: AZ 55 * (1-CYCLOHEXYL-3-AZETIDINYL)GUANIDINE SULFATE (1:1) * 1-CYCLOHEXYL-3-GUANIDINOAZETIDINE SULFATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg TAKHAA 31,453,72
3D35H08J22 ivn-mus LD50:43 mg/kg TAKHAA 30,711,71

MF0242500 GUANIDINE, 1-(3-(CYCLOHEXYLOXY)-2-HYDROXYPROPYL)-, SULFATE (2:1)
UPDT:8408 MW: 528.76 MOLFM: C20-H42-N6-O4-H2-O4-S
SYN: 1-CYCLOHEXYLOXY-3-GUANIDINE-2-PROPANOL SULFATE (2:1) * 1-(3-(CYCLOHEXYLOXY)-2-HYDROXYPROPYL)GUANIDINE HEMISULFATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:233 mg/kg ARPMAS 317,63,84

MF0243000 GUANIDINE, 1-(1-CYCLOHEXYL-2-PHENYL-3-AZETIDINYL)-
UPDT:8309 MW: 272.44 MOLFM: C16-H24-N4
SYN: AZ 101 * 1-(1-CYCLOHEXYL-2-PHENYL-3-AZETIDINYL)GUANIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:110 mg/kg TAKHAA 31,453,72

MF0243500 GUANIDINE, 1-(3-(CYCLOOCTYLOXY)-2-HYDROXYPROPYL)-, SULFATE (2:1)
UPDT:8408 MW: 584.88 MOLFM: C24-H50-N6-O4-H2-O4-S
SYN: 1-CYCLOOCTYLOXY-3-GUANIDINO-2-PROPANOL SULFATE (2:1) * 1-(3-(CYCLOOCTYLOXY)-2-HYDROXYPROPYL)GUANIDINE HEMISULFATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:78 mg/kg ARPMAS 317,63,84

MF0525000 GUANIDINE, (2-(DIETHYLAMINO)ETHYL)-, SULFATE (1:1)
UPDT:8408 CAS: 3272-63-7 MW: 256.37 MOLFM: C7-H18-N4-H2-O4-S
SYN: 1-(2-(DIETHYLAMINO)ETHYL)GUANIDINE SULFATE * 2-DIETHYLAMINOETHYL GUANIDINIUM SULFATE * USAF A-7189
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg NTIS** AD277-689
* ivn-mus LD50:228 mg/kg YKKZAJ 84,421,64

MF0533000 GUANIDINE, (2-(DIISOPROPYLAMINO)ETHYL)-, SULFATE (2:1)
UPDT:8408 MW: 470.78 MOLFM: C18-H44-N8-H2-O4-S
SYN: (2-(DIISOPROPYLAMINO)ETHYL)GUANIDINE HEMISULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:71 mg/kg YKKZAJ 84,421,64

GUANIDINE, N,N'-DIMETHYL-N'-(PHENYLMETHYL)-, SULFATE (2:1) see: ME8575000

MF0875000 GUANIDINE, 1,3-DIPHENYL-
UPDT:8408 CAS: 102-06-7 MW: 211.29 MOLFM: C13-H13-N3
SYN: DIPHENYLGUANIDINE * N,N'-DIPHENYLGUANIDINE * 1,3-DIPHENYLGUANIDINE * DPG * DPG ACCELERATOR * JWUFENYLOGUANIDYNA (Polish) * MELANILINE * NCI-C60924 * USAF ER-1270 * VULCACID D * VULKAZIT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-mus TDLo:76 mg/kg (1-19D preg) JEPTDQ 4(1),451,80
1T24 orl-mus TDLo:190 mg/kg (1-19D preg) JEPTDQ 4(1),451,80
2T23T24 orl-mus TDLo:56 mg/kg (7D male) JTEHD6 11,869,83
1T01 orl-mus TDLo:196 mg/kg (49D male) JTEHD6 11,869,83
1T02 orl-mus TDLo:140 mg/kg (35D male) JTEHD6 11,869,83
1T01 orl-ham TDLo:224 mg/kg (56D male) JTEHD6 11,869,83
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:507 mg/kg MEPAAX 16,35,65
* ipr-rat LD50:75 mg/kg MEPAAX 16,35,65
unk-rat LD50:323 mg/kg GISAAA 43(7),35,78
* orl-mus LD50:290 mg/kg HYSAAV 29,37,64
ipr-mus LD50:25 mg/kg NTIS** AD277-689
unk-mus LD50:258 mg/kg GISAAA 43(7),35,78
unk-rbt LD50:246 mg/kg GISAAA 43(7),35,78
orl-mam LDLo:250 mg/kg JIDHAN 13,87,31
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF0875500 GUANIDINE, (2-(DIPHENYLAMINO)ETHYL)-, SULFATE (2:1)
UPDT:8408 MW: 606.82 MOLFM: C30-H36-N8-H2-O4-S
SYN: (2-(DIPHENYLAMINO)ETHYL)GUANIDINE HEMISULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:22800 ug/kg YKKZAJ 84,421,64

MF1150070 GUANIDINE, 1-(1-(DIPHENYLMETHYL)-3-AZETIDINYL)-
UPDT:8309 MW: 280.41 MOLFM: C17-H20-N4
SYN: AZ 71 * 1-(1-(DIPHENYLMETHYL)-3-AZETIDINYL)GUANIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg TAKHAA 31,453,72

MF1255000 GUANIDINE, (2-(DIPROPYLAMINO)ETHYL)-, SULFATE (2:1)
UPDT:8408 MW: 470.78 MOLFM: C18-H44-N8-H2-O4-S
SYN: (2-(DIPROPYLAMINO)ETHYL)GUANIDINE HEMISULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35600 ug/kg YKKZAJ 84,421,64

MF1400000 GUANIDINE, 1,3-DI-o-TOLYL-
UPDT:8305 CAS: 97-39-2 MW: 239.35 MOLFM: C15-H17-N3
SYN: DIORTHOTOLYLGUANIDINE * DI-o-TOLYLGUANIDINE * DOTG ACCELERATOR * USAF A-659R
TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg JPETAB 90,260,47
ipr-mus LD50:25 mg/kg NTIS** AD277-689
orl-rbt LDLo:120 mg/kg JIDHAN 13,87,31
orl-gpg LDLo:120 mg/kg JIDHAN 13,87,31

BEST COPY AVAILABLE

orl-mam LDLo:120 mg/kg JIDHAN 13,87,31

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF1750000 GUANIDINE, DODECYL-, ACETATE
UPDT:8408 CAS: 2439-10-3 MW: 287.51 MOLFM: C13-H29-N3-C2-H4-O2
SYN: AC 5223 * AMERICAN CYANAMID 5223 * APADODINE * CARPENE * CURITAN * CYPREX * CYPREX 65W * DODECYLGUANIDINE ACETATE * n-DODECYLGUANIDINE ACETATE * DODIN * DODINE * DODINE ACETATE * DODINE, mixture with GLYODIN * DOGUADINE * DOQUADINE * ENT 16,436 * EXPERIMENTAL FUNGICIDE 5223 * LAURYLGUANIDINE ACETATE * MELPREX * MILPREX * SYLLIT * TSUTREX * VENTUROL * VONDODINE

TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
orl-rat LD50:566 mg/kg WRPCA2 7,135,68
unk-rat LD50:1000 mg/kg 30ZDA9 -,239,71
orl-mus LD50:1200 mg/kg CALEDQ 5,107,78
orl-rbt LD50:535 mg/kg 85GMAT -,64,82
skn-rbt LD50:1500 mg/kg 28ZEAL 5,88,76
orl-gpg LD50:176 mg/kg 85GMAT -,64,82
skn-gpg LDLo:2 gm/kg 85GMAT -,64,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF1850000 GUANIDINE, DODECYL-, ACETATE mixed with SODIUM NITRITE (3:5)
UPDT:8401
SYN: DODECYLGUANIDINE ACETATE mixed with SODIUM NITRITE (3:5) * DODINE mixed with SODIUM NITRITE (3:5) * SODIUM NITRITE mixed with DODECYL GUANIDINE ACETATE (5:3)

TUMORIGENIC DATA AND REFERENCES:
3V01L60P62 orl-mus TDLo:112 mg/kg/6D-I CALEDQ 5,107,78
3V01T6 5P62 orl-mus TDLo:112 mg/kg (15-21D preg) CALEDQ 5,107,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GUANIDINE, N,N'''-1,2-ETHANEDIYLBIS-, DIHYDROCHLORIDE see: MF1943000

MF1943000 GUANIDINE, 1,1'-ETHYLENEDI-, DIHYDROCHLORIDE
UPDT:8308 CAS: 13282-14-9 MW: 217.14 MOLFM: C4-H12-N6-2Cl-H
SYN: ETHYLENEBIS(GUANIDINIUM) DIHYDROCHLORIDE * 1,1'-ETHYLENEDIGUANIDINE DIHYDROCHLORIDE * GUANIDINE, N,N'''-1,2-ETHANEDIYLBIS-, DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:625 mg/kg GWXXBX #2704905

MF2000000 GUANIDINE, 2-(p-ETHOXYPHENYL)-1,3-BIS(p-METHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8306 CAS: 537-05-3 MW: 427.97 MOLFM: C23-H25-N3-O3-Cl-H
SYN: ACDIN * ACOINE * N,N-BIS(4-METHOXYPHENYL)-N'-(4-ETHOXYPHENYL)GUANIDINE HYDROCHLORIDE * alpha,gamma-DI-p-ANISYL beta-(ETHOXYPHENYL)GUANIDINE HYDROCHLORIDE * DIANISYL-MONOPHENETHYLGUANIDINE HYDROCHLORIDE * 2-(4-ETHOXYPHENYL)-1,3-BIS(4-METHOXYPHENYL)GUANIDINE HYDROCHLORIDE * GUANICAINE * GUANIDINE, 2-(4-ETHOXYPHENYL)-1,3-BIS(4-METHOXYPHENYL)-, HYDROCHLORIDE (9CI) * PHENODIANISYL * PHENODIANISYL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
orl-dog LDLo:75 mg/kg HBAMAK 4,1291,35
scu-rbt LDLo:150 mg/kg 85ESA3 9,940,76
scu-gpg LDLo:150 mg/kg HBAMAK 4,1291,35

GUANIDINE, 2-(4-ETHOXYPHENYL)-1,3-BIS(4-METHOXYPHENYL)-, HYDROCHLORIDE (9CI) see: MF2000000

MF2460000 GUANIDINE, 1-ETHYL-3-NITRO-
UPDT:8408 MW: 132.15 MOLFM: C3-H8-N4-O2
SYN: N-ETHYL-N'-NITROGUANIDINE

MUTATION DATA AND REFERENCES:
cyt-ham:lng 1 gm/L ARTODN (Suppl 4),41,80
cyt-ham:fbr 2 gm/L/48H MUREAV 48,337,77

MF2465000 GUANIDINE, 1-ETHYL-3-NITRO-1-NITROSO-
UPDT:8408 CAS: 63885-23-4 MW: 161.15 MOLFM: C3-H7-N5-O3
SYN: N-AETHYL-N'-NITRO-N-NITROSOGUANIDIN (German) * ENNG * N-ETHYL-N'-NITRO-N-NITROSOGUANIDIN * N-ETHYL-N'-NITRO-N-NITROSOGUANIDINE * N-ETHYL-N-NITROSO-N'-NITROGUANIDINE

MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate IDZAAW 50,403,75
pic-sat 4 nmol/plate PPTCBY -,337,79
mmo-esc 500 umol/L MUREAV 24,383,74
dnr-esc 5 mmol/L CBINA8 18,365,77
pic-esc 500 ug/L ESKHA5 88,118,70
mmo-omi 500 ppm SOGEBZ 11,183,75
slt-dmg-par 1500 umol/L MUREAV 13,19,71
sln-dmg-par 1500 umol/L CNREA8 32,550,72
dnr-smc 2 umol/well IDZAAW 50,403,75
sce-hmn:lym 1 umol/L NGCJAK 15,1085,80
dnd-rat-lvr 2400 mmol/L BBACAQ 521,677,78
dns-rat-lvr 50 umol/L JTEHD6 6,333,80
dns-rat-oth 3200 umol/L SHKKAN 22,300,80
dnd-mus:emb 10 umol/L CNREA8 39,131,79
dni-mus:emb 10 umol/L CNREA8 40,682,80
msc-mus:fbr 10 umol/L CNREA8 41,3095,81
dnd-ham:lng 10 umol/L CNREA8 39,131,79
dnd-ham:ovr 25 umol/L MUREAV 92,361,82
dns-ham:lng 40 ug/L PNASA6 77,6072,80
dns-ham:emb 50 umol/L JTEHD6 6,333,80
dni-ham:lng 4 mmol/L CNREA8 40,682,80
cyt-ham:fbr 10 mg/L/24H MUREAV 48,337,77
cyt-ham:lng 1 mg/L ARTODN (Suppl 4),41,80
sce-ham-ipr 10 mg/kg MUREAV 113,33,83
sce-ham-orl 10 mg/kg MUREAV 113,33,83
msc-ham:lng 4 umol/L CNREA8 39,131,79
dnd-mam:kdy 100 umol/L JTEHD6 6,333,80
dns-mam:kdy 100 umol/L JTEHD6 6,333,80

TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:7500 mg/kg/21W-C GMCRDC 17,269,75
2V02V10 scu-rat TDLo:55 mg/kg/5W-I GANNA2 69,277,78
2V01K60 orl-mus TDLo:3 gm/kg/43W-C JNCIAM 52,519,74
3V02R60V10 skn-mus TDLo:630 mg/kg/21W-I JNCIAM 46,973,71
3V03J60L60 ipr-mus TDLo:160 mg/kg BJCAAI 23,757,69
2V03K60 orl-dog TDLo:1500 mg/kg/17W-C GANNA2 72,880,81
2V03K61 rec-dog TDLo:1275 mg/kg/23W-I IJCNAW 32,255,83
2V03K60 orl-ham TDLo:1900 mg/kg/33W-C ZKKOBW 81,29,74
3V03K60P62 orl-dog TD :5320 mg/kg/73W-I GANNA2 66,683,75
3V03K60P62 orl-dog TD :191 gm/kg/34W-I ZKKOBW 90,241,77
2V03K60 orl-dog TD :3000 mg/kg/34W-C GANNA2 65,163,74
2V03K60 orl-dog TD :1350 mg/kg/26W-C GANNA2 71,349,80
2V03K60 orl-dog TD :1200 mg/kg/34W-C GANNA2 71,349,80
2V03K61 rec-dog TD :1440 mg/kg/26W-I IJCNAW 32,255,83

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF2850000 GUANIDINE, (2-(HEXAHYDRO-1H-AZEPIN-1-YL)ETHYL)-, SULFATE (2:1)
UPDT:8408 MW: 466.74 MOLFM: C18-H40-N8-H2-O4-S
SYN: (2-(HEXAHYDRO-1-AZEPINYL)ETHYL)GUANIDINE SULFATE (2:1)

TOXICITY DATA AND REFERENCES:
orl-mus LD50:2 gm/kg YKKZAJ 83,629,63
scu-mus LD50:887 mg/kg YKKZAJ 83,629,63
ivn-mus LD50:97400 ug/kg YKKZAJ 83,629,63

MF2975000 GUANIDINE, (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)-
UPDT:8408 CAS: 55-65-2 MW: 198.36 MOLFM: C10-H22-N4
SYN: AZOCINE, 1-(2-GUANIDINOETHYL)OCTAHYDRO- * GUANETHIDINE * HEPTAMETHYLENIMINE, 1-(2-GUANIDINOETHYL)- * ISMELIN * OCTATENSIN * OCTATENZINE * SU 5864

TOXICITY DATA AND REFERENCES:
orl-mus LD50:845 mg/kg USXXAM #3856778
ipr-mus LD50:100 mg/kg DRFUD4 4,185,79
scu-mus LD50:224 mg/kg USXXAM #3856778
ivn-mus LD50:28 mg/kg PCJOAU 15,349,81
ivn-cat LDLo:50 mg/kg 27ZIAQ -,112,73
ivn-rbt LDLo:50 mg/kg 27ZIAQ -,112,73

MF3100000 GUANIDINE, (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 76487-49-5 MW: 234.82 MOLFM: C10-H22-N4-Cl-H
SYN: GUANETHIDINE HYDROCHLORIDE * (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)GUANIDINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T23 itt-rat TDLo:238 mg/kg (1D male) IJEBA6 19,867,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GUANIDINE, (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)-, SULFATE see: MF3240000

MF3150000 GUANIDINE, (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)-, SULFATE (1:1)
UPDT:8309 CAS: 645-43-2 MW: 296.44 MOLFM: C10-H22-N4-H2-O4-S
SYN: GUANETHIDINE MONOSULFATE * N-(2-GUANIDINO ETHYL)HEPTAMETHYLENIMINE SULFATE * (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL) GUANIDINE HYDROGEN SULFATE * 2-(OCTAHYDRO-1-AZOCINYL)ETHYL GUANIDINE SULPHATE

IRRITATION DATA AND REFERENCES:
eye-hmn 420 mg/6W-I MLD BMJOAE 4,592,67

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:290 mg/kg TXAPA9 24,37,73
orl-mus LD50:1450 mg/kg BCFAAI 111,353,72
ipr-mus LD50:180 mg/kg BCFAAI 111,353,72
ivn-mus LD50:18500 ug/kg BCFAAI 111,353,72

MF3240000 GUANIDINE, (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)-, SULFATE (2:1)
UPDT:8408 CAS: 60-02-6 MW: 494.80 MOLFM: C20-H44-N8-H2-O4-S
SYN: beta-1-AZACYCLOOCTYLETHYLGUANIDINE SULFATE * AZOCINE, 1-(2-GUANIDINOETHYL)OCTAHYDRO-, SULFATE (2:1) * GUANETHIDINE BISULFATE * GUANETHIDINE SULFATE * GUANIDINE, (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)-, SULFATE * (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)GUANIDINE SULFATE * ISMELIN * ISMELIN SULFATE * ISOMELIN * NSC 29863 * (2-(OCTAHYDRO-1-AZOCINYL)ETHYL)GUANIDINE SULFATE * SU-5864

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T09T23 ims-rat TDLo:1400 mg/kg (56D male) BJPCBM 48,30,73
1T87 par-rat TDLo:900 mg/kg (14D pre/1-22D preg) JRPFA4 56,715,79

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg JPETAB 128,22,60
ivn-rat LD50:23 mg/kg JPETAB 128,22,60
ipr-mus LD50:137 mg/kg RPTOAN 32,11,69
scu-mus LD50:750 mg/kg YKKZAJ 83,629,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF3330000 GUANIDINE, 1-HEXYL-3-NITRO-1-NITROSO-
UPDT:8401 CAS: 35089-70-4 MW: 217.27 MOLFM: C7-H15-N5-O3

MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate IDZAAW 50,403,75
mmo-esc 10 mg/L ESKHA5 88,118,70
dnr-smc 2 umol/well IDZAAW 50,403,75

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

MF3570000 GUANIDINE, (2-HYDROXYETHYL)-, BENZOATE (ester), MONONITRATE
UPDT:8303 MW: 270.28 MOLFM: C10-H13-N3-O2-H-N-O3
SYN: 2-BENZOYLOXY-ETHYLGUANIDINE NITRATE * HM-198 * (2-HYDROXYETHYL)GUANIDINE BENZOATE (ester), MONONITRATE

TOXICITY DATA AND REFERENCES:
3C08F07F12 ipr-mus LDLo:200 mg/kg AIPTAK 175,193,68

MF3600500 GUANIDINE, 1-(2-HYDROXYETHYL)-1-METHYL-, DIHYDROGEN PHOSPHATE (ester)
UPDT:8302 CAS: 6903-79-3 MW: 197.16 MOLFM: C4-H12-N3-O4-P
SYN: APLODAN * COP * CREATINOLFOSFATE * CREATINOLO-O-FOSFATO (Italian) * CREATINOL PHOSPHATE * CREATINOL O-PHOSPHATE * GUANIDINE, N-METHYL-N-(2-PHOSPHONOOXYETHYL)-, (9CI) * 1-(2-HYDROXYETHYL)-1-METHYLGUANIDINE DIHYDROGEN PHOSPHATE (ester) * N-METHYL-N-(beta-HYDROXYAETHYL)GUANIDINE O-PHOSPHAT (German) * N-METHYL-N-(beta-HYDROXYETHYL)GUANIDINE O-PHOSPHATE

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:4800 mg/kg ARZNAD 29,1449,79
ivn-rat LD50:1300 mg/kg ARZNAD 29,1449,79
ipr-mus LD50:3000 mg/kg ARZNAD 29,1449,79
ivn-mus LD50:1200 mg/kg ARZNAD 29,1449,79
ipr-gpg LD50:3200 mg/kg ARZNAD 29,1449,79
ivn-gpg LD50:1500 mg/kg ARZNAD 29,1449,79

MF3620550 GUANIDINE, (3-HYDROXYPROPYL)-, p-AMINOBENZOATE (ester), MONOHYDROCHLORIDE
UPDT:8303 CAS: 19623-21-3 MW: 272.77 MOLFM: C11-H16-N4-O2-Cl-H
SYN: 3-(p-AMINO-BENZOYLOXY)PROPYLGUANIDINE HYDROCHLORIDE * HM-201 * (3-HYDROXYPROPYL)GUANIDINE p-AMINOBENZOATE (ester) HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3C08F07F12 ipr-mus LDLo:100 mg/kg AIPTAK 175,193,68

MF3620600 GUANIDINE, (3-HYDROXYPROPYL)-, BENZOATE (ester), MONOHYDROCHLORIDE
UPDT:8303 CAS: 19623-19-9 MW: 257.75 MOLFM: C11-H15-N3-O2-Cl-H
SYN: 3-BENZOYLOXY-PROPYLGUANIDINE HYDROCHLORIDE * HM-199 * (3-HYDROXYPROPYL)GUANIDINE BENZOATE (ester) HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3C08F07F12 ipr-mus LDLo:250 mg/kg AIPTAK 175,193,68

MF3620650 GUANIDINE, (3-HYDROXYPROPYL)-, p-NITROBENZOATE (ester), MONOHYDROCHLORIDE
UPDT:8303 CAS: 19623-20-7 MW: 302.75 MOLFM: C11-H14-N4-O4-Cl-H
SYN: HM-200 * (3-HYDROXYPROPYL)GUANIDINE p-NITROBENZOATE (ester) HYDROCHLORIDE * 3-(p-NITRO-BENZOYLOXY)PROPYLGUANIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3C08F07F12 ipr-mus LDLo:350 mg/kg AIPTAK 175,193,68

MF3623500 GUANIDINE, N-(3-(1H-IMIDAZOL-4-YL)PROPYL)-N'-(2-(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO) ETHYL)-, TRIHYDROCHLORIDE
UPDT:8408 CAS: 65573-02-6 MW: 430.88 MOLFM: C14-H23-N7-S-3Cl-H

BEST COPY AVAILABLE

SYN: IMPROMIDINE HYDROCHLORIDE * IMPROMIDINE TRIHYDROCHLORIDE * SK&F 92676

TOXICITY DATA AND REFERENCES:

1F12 ivn-rat LD50:25 mg/kg JJATDK 2,265,82
2F12M10 ivn-mus LD50:9600 ug/kg JJATDK 2,265,82
2G30H05 ivn-dog LDLo:27700 ug/kg JJATDK 2,265,82

MF3624000 GUANIDINE, 1,1'-(IMINOBIS(OCTAMETHYLENE))DI-, TRIACETATE

UPDT:8401 MW: 535.84 MOLFM: C18-H41-N7 3C2-H4-O2

SYN: BIS(8-GUANIDINOOCTYL)AMINE * GUANIDINE, N,N'''-(IMINODI-8,1-OCTANEDIYL)BIS- * GUANOCTINE * GUAZATINE * 1,1'-(IMINOBIS(OCTAMETHYLENE))DIGUANIDINE TRIACETATE * MC 25 * PANOCTINE * PANOLIL

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:227 mg/kg FMCHA2 -,C177,83
* skn-rbt LD50:1176 mg/kg FMCHA2 -,C177,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GUANIDINE, N,N'''-(IMINODI-8,1-OCTANEDIYL)BIS- see: MF3624000

MF3629000 GUANIDINE, 1 ISOBUTYL 3 NITRO 1 NITROSO-

UPDT:8405 CAS: 5461-85-8 MW: 189.21 MOLFM: C5-H11-N5-O3

SYN: N-ISOBUTYL-N'-NITRO-N-NITROSOGUANIDINE * 1-ISOBUTYL-3-NITRO-1-NITROSOGUANIDINE

MUTATION DATA AND REFERENCES:

mmo-sat 100 nmol/plate IDZAAW 50,403,75
mmo-esc 5 mg/L ESKHA5 88,118,70
pic-esc 100 mg/L ESKHA5 88,118,70
dnr-smc 2 umol/well IDZAAW 50,403,75
cyt-ham:fbr 30 mg/L/24H MUREAV 48,337,77
cyt-ham:lng 13 mg/L GMCRDC 27,95,81

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

MF3683000 GUANIDINE, METHYL-

UPDT:8403 CAS: 471-29-4 MW: 73.12 MOLFM: C2-H7-N3

SYN: METHYLGUANIDIN (German) * METHYLGUANIDINE * MONOMETHYL GUANIDIN (German) * MONOMETHYLGUANIDINE

MUTATION DATA AND REFERENCES:

cyt-ham:fbr 1 gm/L/48H MUREAV 48,337,77

TOXICITY DATA AND REFERENCES:

ipr-rat LDLo:18 mg/kg AEXPBL 90,129,21
* scu-rat LDLo:250 mg/kg MEIEDD 10,871,83
ipr-mus LDLo:20 mg/kg ZEPHAR 25,441,11
ivn-mus LDLo:20 mg/kg ZEPHAR 25,441,11

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MF3685300 GUANIDINE, (2-(N-METHYLANILINO)ETHYL)-, SULFATE (2:1)

UPDT:8408 CAS: 10030-29-2 MW: 482.68 MOLFM: C20-H32-N8 H2-O4-S

SYN: (2-(N-METHYLANILINO)ETHYL)GUANIDINE HEMISULFATE * (2-(N-METHYL-N-PHENYLAMINO)ETHYL)GUANIDINE HEMISULFATE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:205 mg/kg YKKZAJ 84,421,64
* ivn-mus LD50:30700 ug/kg YKKZAJ 84,421,64

MF3685800 GUANIDINE, 1-(1-(alpha-METHYLBENZYL)-3-AZETIDINYL)-

UPDT:8309 MW: 218.34 MOLFM: C12-H18-N4

SYN: AZ 68 * 1-(1-(alpha-METHYLBENZYL)-3-AZETIDINYL)GUANIDINE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:75 mg/kg TAKHAA 31,453,72

MF3687000 GUANIDINE, (3-METHYL-2-BUTENYL)-

UPDT:8412 CAS: 543-83-9 MW: 127.22 MOLFM: C6-H13-N3

TOXICITY DATA AND REFERENCES:

* unk-mus LD50:4360 mg/kg APJUA8 32,219,82

MF3688000 GUANIDINE, (3-METHYL-2-BUTENYL)-, SULFATE

UPDT:8412 CAS: 20284-29-1 MW: 225.30 MOLFM: C6-H13-N3 H2-O4-S

TOXICITY DATA AND REFERENCES:

* unk-mus LD50:122 mg/kg APJUA8 32,219,82

MF3690200 GUANIDINE, 1-(2-(N-METHYLCYCLOHEXYLAMINO)ETHYL)-

UPDT:8309 MW: 198.36 MOLFM: C10-H22-N4

SYN: AZ 122 * 1-(2-(N-METHYLCYCLOHEXYLAMINO)ETHYL)GUANIDINE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:91 mg/kg TAKHAA 31,453,72

MF3693000 GUANIDINE, 1-(1-(1-METHYLCYCLOHEXYL)-3-AZETIDINYL)-

UPDT:8309 MW: 210.37 MOLFM: C11-H22-N4

SYN: AZ 96 * 1-(1-(1-METHYLCYCLOHEXYL)-3-AZETIDINYL)GUANIDINE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:182 mg/kg TAKHAA 31,453,72

MF3855000 GUANIDINE, 1,1'-((METHYLETHANEDIYLIDENE)DINITRILO)BIS-, DIHYDROCHLORIDE, DIHYDRATE

UPDT:8407 CAS: 31959-87-2

SYN: 1,1'-(METHYLETHANEDILIDENEDINITRILO)BIGUANIDINE DIHYDROCHLORIDE DIHYDRATE * METHYL GAG * NSC 32946

IRRITATION DATA AND REFERENCES:

skn-rbt 5 mg/24H rns TXCYAC 14,117,79
skn-rbt 1%/24H MLD NTIS** PB-269-596

TUMORIGENIC DATA AND REFERENCES:

3V02R60T61 orl-rat TDLo:3900 mg/kg/1Y-I JNCIAM 41,985,68

TOXICITY DATA AND REFERENCES:

2K30R03 unk-man TDLo:11 mg/kg CNCRA6 50,219,66
unk-mus LD10:59 mg/kg CNCRA6 50,219,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF3860000 GUANIDINE, 1,1'-((METHYLETHANEDIYLIDENE)DINITRILO)DI-

UPDT:8312 CAS: 459-86-9 MW: 184.25 MOLFM: C5-H12-N8

SYN: HYDRAZINECARBOXIMIDAMIDE, 2,2'-(1-METHYL-1,2-ETHANEDIYLIDENE)BIS- (9CI) * 1,1'-((METHYLETHANEDIYLIDENE)DINITRILO)DIGUANIDINE * METHYL-G * METHYL-GAG * METHYLGLYOXAL BIS(GUANYLHYDRAZONE) * MITOGUAZONE

MUTATION DATA AND REFERENCES:

dni-ctl:lym 8 umol/L CNREA8 37,3169,77

MF4125000 GUANIDINE, 1-METHYL-3-NITRO-

UPDT:8405 CAS: 4245-76-5 MW: 118.12 MOLFM: C2-H6-N4-O2

SYN: N-METHYL-N'-NITROGUANIDINE

MUTATION DATA AND REFERENCES:

cyt-ham:fbr 6 gm/L/48H MUREAV 48,337,77
cyt-ham:lng 3300 mg/L GMCRDC 27,95,81

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

MF4200000 GUANIDINE, 1-METHYL-3-NITRO-1-NITROSO-

UPDT:8412 CAS: 70-25-7 MW: 147.12 MOLFM: C2-H5-N5-O3

SYN: N-METHYL-N'-NITRO-N-NITROSOGUANIDINE * 1-METHYL-3-NITRO-1-NITROSOGUANIDINE * N-METHYL-N'-NITRO-N-NITROSOGUANIDINE, not exceeding 25 grams in one outside packaging (DOT) * N-METHYL-N-NITROSONITROGUANIDIN (German) * N-METHYL-N-NITROSO-N'-NITROGUANIDINE * N-METYLO-N'-NITRO-N-NITROZOGUANIDYNY (Polish) * MNG * MNNG * NA 1325 (DOT) * N'-NITRO-N-NITROSO-N-METHYLGUANIDINE * RCRA WASTE NUMBER U163

MUTATION DATA AND REFERENCES:

mmo-sat 310 ng/plate MUREAV 130,79,84
mma-sat 2 ug/plate PNASA6 72,5135,75
dnr-sat 50 ug/disc MUREAV 90,49,81
dnd-sat 8 umol/L
pic-sat 22 nmol/plate
mma-esc 20 nmol/plate
dnr-esc 10 ug/plate
mrc-esc 40 ug/well
dnd-esc 3400 umol/L
dns-esc 2 mmol/L
pic-esc 1 mg/L
mma-bcs 25 mg/L
dnr-bcs 100 nmol/plate
mrc-bcs 10 mmol/L
dnd-bcs 1 mmol/L
mma-ami 100 mg/L
mma-ami 100 mg/L
mma-ami 160 mg/L
mma-ami 20 mg/L
mma-ami 10 mg/L
mma-ami 4 gm/L
mma-ami 250 mg/L
mma-ami 250 mg/L
mma-ami 250 mg/L
mma-ami 250 mg/L
mma-ami 250 mg/L
mma-ami 25 mg/L
mma-ami 50 mg/L
mma-ami 4 gm/L
mma-ami 100 mg/L
mma-ami 10 mg/L
mma-ami 100 mg/L
mma-klp 100 mg/L
mma-ami 1 gm/L
mma-ami 10 gm/L
dnd-ami 4 mmol/L
mma-ami 100 mg/L
mma-ami 5 mg/L
mma-ami 20 ug/plate
dns-ami 1 mg/L
mma-ami 100 mg/L
mma-ami 100 mg/L
mma-ami 5 mg/L
mma-ami 1 gm/L
mma-ami 100 mg/L
mma-ami 5 mg/L
mma-ami 25 mg/L
mma-ami 10 mg/L
mma-ami 30 mg/L
mma-ami 1 gm/L
mma-ami 1 gm/L
mma-ami 100 mg/L
mma-ami IIII mmol/L
mma-ami 100 mg/L
mma-ami 500 ppm/72H-C
mma-hmi 1 mmol/L
mma-ami 25 mg/L
mma-ami 50 mg/L/30M-C
mma-ami 17 mg/L
mma-ami 10 mg/L
mma-ami 30 mg/L
mma-ami 10 mg/L
mma-ami 100 mg/L
pic-ami 10 ug/plate
mma-ami 1 gm/L
dnd-hmi 1700 umol/L/10M
pic-hmi 68 umol/L
pic-ami 10 ug/L
mma-ami 30 ppm
mma-ami 200 ppm/20M-C
mma-ami 100 mg/L
mma-ami 10 ng/disc
mma-ami 100 mg/L
mma-ami 50 mg/L
mma-ami 500 ppm/20M-C
mma-ami 1 gm/L
mma-ami 10 mg/L
mma-ami 200 mg/L
mma-ami 10 mg/L
mma-ami 1 gm/L
mma-ami 15 mg/L/70M-C
mma-ami 7 umol/L/24H-C
mma-ami 50 mg/L
mma-ami 10 mg/L
mma-ami 1 gm/L/30M-C
mma-ami 1 gm/L
mma-ami 1 gm/L
mma-ami 1 gm/L
mma-ami 2 gm/L
mma-ami 1 gm/L
mma-ami 400 ug/plate
mma-ami 50 ug/L
dnr-ami 100 ug/plate
dni-ami 100 umol/L
mma-ami 10 mg/L
mma-ami 100 mg/L
mma-ami 25 mg/L
mma-ami 100 mg/L
mma-ami 1 gm/L
mma-ami 50 mg/L
mma-ami 400 mg/L
mma-ami 400 mg/L
mma-ami 30 mg/L
slt-dmg-orl 500 ppm/24H
slt-dmg-par 2500 umol/L
slt-dmg-unk 1000 ppm/6H
sln-dmg-orl 500 ppm/24H
sln-dmg-par 2500 umol/L
mma-nsc 20 ug/plate
dnd-ami 125 gm/L
mma-smc 1000 ppm
dnr-smc 2 umol/well
CRNGDP 3,327,82
PPTCBY -,337,79
MUREAV 135,87,84
MUREAV 54,101,78
MUREAV 46,53,77
MUREAV 52,161,78
ZKKOBW 92,177,78
ESKHA5 88,118,70
IDZAAW 43,173,68
CNREA8 40,162,80
MUREAV 68,31,79
MUREAV 42,175,77
JOBAAY 135,748,78
JOBAAY 135,748,78
JOBAAY 137,415,79
JOBAAY 135,911,78
CENTAE 89,695,78
JGMIAN 128,1441,82
JGAMA9 19,467,73
JGAMA9 19,467,73
JGAMA9 19,467,73
JGAMA9 19,467,73
JGAMA9 19,467,73
JOVIAM 37,936,81
MUREAV 50,37,78
JGMIAN 98,265,77
MUREAV 94,1,82
JGMIAN 128,1401,82
DEBIAO 43,213,75
MGGEAE 157,189,77
BBRCA9 59,865,74
MUREAV 37,1,76
ZKKOBW 90,37,77
AMACCQ 19,571,81
JMOBAK 35,439,68
JMOBAK 35,439,68
CRNGDP 2,417,81
JOVIAM 15,1,75
JOBAAY 102,784,70
IVRYAK 10,181,78
JOVIAM 15,41,75
AMACCQ 19,571,81
VIRLAX 49,815,72
DBANAD 33,1401,80
MGGEAE 167,65,78
MGGEAE 167,65,78
MGGEAE 104,378,69
JANTAJ 31,662,78
JOBAAY 135,748,78
MUREAV 73,1,80
JOBAAY 101,921,70
SOGEBZ 10,522,74
MUREAV 30,9,75
JOBAAY 120,106,74
JGMIAN 121,349,80
NEZAAQ 34,664,79
JOVIAM 10,760,72
JOVIAM 7,673,71
MUREAV 9,261,70
MGGEAE 121,57,73
ZMMPAO 231,369,75
JANTAJ 35,94,82
MUREAV 13,289,71
MUREAV 37,1,76
BAPBAN 18,445,70
SOGEBZ 11,193,73
ABCHA6 41,615,77
CJMIAZ 20,1479,75
ISGEAK 8,82,79
MUREAV 8,531,69
KMFKDF 8,297,80
MIBLAO 42,265,73
AMACCQ 9,682,76
EXPEAM 25,85,69
ZAPOAK 17,451,77
GENTAE 83,489,76
SCINAL 37,52,71
JGMIAN 55,121,69
MUREAV 33,135,75
JPROAR 24,313,77
FOMIAZ 16,197,71
JANTAJ 31,247,78
AMACCQ 12,383,77
FOMIAZ 22,12,77
MUREAV 35,65,76
MUREAV 28,9,75
GENRA8 29,65,77
CBINA8 22,297,78
MUREAV 74,113,80
BIZNAT 95,463,76
MUREAV 85,275,81
JDSCAE 54,331,70
JOBAAY 133,631,78
JIDIAQ 124,179,71
JBCHA3 252,6294,77
BBRCA9 48,113,72
PNASA6 70,1335,73
AMBBBR 6,15,74
AMBBBR 6,15,74
ABCHA6 41,1667,77
MUREAV 46,202,77
MUREAV 13,19,71
MUREAV 120,233,83
MUREAV 44,145,77
CNREA8 32,550,72
MUREAV 53,297,78
MUREAV 25,235,74
AGACBH 4,286,74
IDZAAW 50,403,75

BEST COPY AVAILABLE

mrc-smc 1 ppm JJINDB 62,901,79
mmo-asn 50 mmol/L GENTAE 63,317,69
mmo-ssp 1 umol/L MUREAV 2,312,65
mmo-clr 1 mg/L MGGEAE 121,99,73
dnr-ssp 180 nmol/L CNJGA8 24,771,82
mrc-ssp 1 mmol/L/5M MGGEAE 110,348,71
mmo-eug 5 mg/L AMACCQ 9,682,76
mmo-omi 10 mg/L CYGEDX 12(5),56,78
oms-grh:oth 1250 nmol/L ENMUDM 4,279,82
cyt-grh:oth 1250 nmol/L ENMUDM 4,279,82
cyt-ofs:oth 200 ug/L/24H ENMUDM 4,181,82
sce-ofs:emb 100 nmol/L MUREAV 68,381,79
msc-ofs:fbr 4 mg/L AECTCV 10,663,81
dnr-hmn:fbr 5 umol/L/2H CJINAV 256,175,77
otr-hmn:fbr 200 ug/L PNASA6 75,1334,78
otr-hmn:oth 400 ug/L CNREA8 41,5096,81
dnd-hmn:fbr 50 umol/L ENMUDM 4,143,82
dnd-hmn:hla 300 ug/L/1H ECREAL 103,175,76
dnd-hmn:lym 50 umol/L CBINA8 38,87,81
dns-hmn:oth 100 umol/L JJINDB 69,557,82
dns-hmn:lng 100 ug/L JCLBA3 39,79a,68
dns-hmn:fbr 10 umol/L/3H IJCNAW 16,284,75
dns-hmn:hla 10 umol/L CNREA8 38,2621,78
dns-hmn:leu 90 umol/L CBINA8 38,87,81
dns-hmn:lym 140 umol/L CBINA8 38,87,81
dni-hmn:hla 2 umol/L/30M-C JEPTDQ 2(1),65,78
dni-hmn:lng 1 mg/L/3H-C MUREAV 12,183,71
dni-hmn:fbr 10 mg/L CNREA8 40,984,80
dni-hmn:lym 3 umol/L CBINA8 38,87,81
oms-hmn:lng 500 ug/L JCLBA3 39,72a,68
dns-hmn:lvr 100 umol/L VOONAW 28(11),53,82
dns-hmn:kdy 100 umol/L VOONAW 28(11),53,82
cyt-hmn:lng 1 mg/L MUREAV 12,183,71
cyt-hmn:fbr 6800 nmol/L/24H MUREAV 46,297,77
cyt-hmn:leu 100 ug/L BJCAAI 30,103,74
cyt-hmn:lym 340 nmol/L/24H ARTODN 46,61,80
cyt-hmn:hla 100 ug/L MUREAV 57,369,78
sce-hmn:fbr 1 nmol/L JTEHD6 2,1387,77
sce-hmn:lym 1 umol/L CBINA8 24,107,79
sce-hmn:oth 1 nmol/L IUSMDJ 7,341,77
sce-hmn:hla 300 nmol/L CRNGDP 5,593,84
msc-hmn:fbr 225 nmol/L MUREAV 53,29,78
msc-hmn:emb 40 umol/L/3H-C JNCIAM 58,1873,77
msc-hmn:oth 3 umol/L CNREA8 41,1114,81
msc-hmn:hla 1 mg/L BCPCA6 30,3039,81
otr-rat-orl 1 mmol/kg CBINA8 43,313,83
otr-rat-ipr 30 mg/kg CNREA8 40,1157,80
otr-rat:emb 100 ug/L JTEHD6 4,79,78
otr-rat:lvr 10 mg/L BJCAAI 28,215,73
dnd-rat-orl 100 mg/kg CBINA8 30,253,80
dnd-rat:lvr 1 mmol/L CNREA8 34,1424,74
dnd-rat-ipr 25 mg/kg ECEBDI 47,92,79
dns-rat-orl 50 mg/kg ENMUDM 4,553,82
dns-rat:lvr 50 umol/L/1H CNREA8 37,1845,77
dns-rat:oth 3200 umol/L SHKKAN 22,300,80
dni-rat-orl 8183 mg/kg/70W-C GANNA2 64,373,73
cyt-rat-orl 50 mg/kg ZKKOBW 86,47,76
sce-rat:lvr 10 ug/L MRLEDH 91,47,81
msc-rat-ipr 50 mg/kg MUREAV 54,159,78
msc-rat-orl 50 mg/kg MUREAV 54,159,78
msc-rat-unk 200 ug/kg MUREAV 77,165,80
msc-rat:emb 1 mg/L JTEHD6 4,79,78
msc-rat:oth 250 ug/L MUREAV 34,481,76
msc-rat:lvr 50 umol/L ENMUDM 2,259,80
hma-rat/smc 412 mg/kg TCMUD8 3,41,83
mnt-mus-orl 100 mg/kg MUREAV 97,43,82
mma-mus:lym 200 ug/L/4H MUREAV 59,61,79
dnd-mus:fbr 50 umol/L ENMUDM 4,143,82
otr-mus:emb 3400 nmol/L ENMUDM 6,81,84
otr-mus:fbr 20 ug/L AETODY 1,133,80
otr-mus:oth 50 ug/L PNASA6 68,1098,71
dnd-mus:leu 6 mg/L MUREAV 23,387,74
dnd-mus-orl 15 mg/kg IJCNAW 17,765,77
dnd-mus-ipr 400 umol/kg 33AQAA -,165,76
dnd-mus:emb 2 umol/L CNREA8 39,131,79
dnd-mus:oth 100 umol/L CALEDQ 10,223,80
dnd-mus:ast 50 mg/L BBACAQ 192,191,69
dns-mus:tes 1 umol/L/3H ARTODN 37,195,77
dns-mus:emb 500 umol/L CBINA8 3,49,68
dns-mus:fbr 50 umol/L ENMUDM 4,143,82
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
dni-mus:emb 2 umol/L CNREA8 40,682,80
dni-mus-ipr 100 mg/kg MUREAV 46,305,77
dni-mus:oth 500 umol/L JJINDB 68,1015,82
dns-mus:lvr 100 umol/L VOONAW 28(11),53,82
cyt-mus-ivn 50 mg/kg MUREAV 60,329,79
sce-mus-ipr 300 ug/kg/6H-I HUGEDQ 35,299,77
sce-mus-ivn 50 mg/kg MUREAV 60,329,79
sce-mus:lym 100 ug/L JCHODP 13,1,83
sce-mus:fbr 250 ug/L HUGEDQ 63,53,83
sce-mus:emb 2500 umol/L CRNGDP 5,593,84
msc-mus:lvr 500 ug/L SCGTDW 7,373,81
msc-mus:oth 1 mg/L GANNA2 73,167,82
msc-mus:oth 3 mg/L JEMEAV 152,1175,80
dlt-mus-ipr 50 mg/kg MUREAV 21,155,73
msc-mus:mmr 3 mg/L CNREA8 43,125,83
msc-mus:emb 1 mg/L ENMUDM 4,332,82
msc-mus:tes 3 mg/L 32YLA6 -,161,75
msc-mus:oth 250 ug/L PAACA3 21,108,80
msc-mus:lym 5 ug/L/2H MUREAV 59,61,79
msc-mus:fbr 250 ug/L CRNGDP 1,215,80
msc-mus:leu 250 nmol/L CNREA8 34,3073,74
hma-mus/srm 60 mg/kg/2H MGGEAE 117,197,72
hma-mus/sat 5 mg JJINDB 62,911,79
hma-mus/esc 60 mg/kg MGGEAE 117,197,72
hma-mus/smc 2 mmol/kg AGACBH 3,99,73
mnt-ham:lng 80 ug/L MUREAV 130,273,84
otr-ham:emb 500 ug/L CNREA8 37,3508,77
otr-ham:lng 68 umol/L JNCIAM 48,1409,72
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
otr-ham:fbr 500 ug/L CNREA8 42,1274,82
dnd-ham:lng 3 umol/L/30M BBRCA9 72,732,76
dnd-ham:fbr 50 umol/L ENMUDM 4,143,82
dns-ham:lng 20 umol/L/1H CBINA8 3,49,68
dns-ham:emb 10 umol/L JTEHD6 6,333,80
dns-ham:kdy 500 umol/L CBINA8 3,49,68
dns-ham:ovr 1 umol/L ENMUDM 5,515,83
dni-ham:lng 20 umol/L CNREA8 40,682,80
cyt-ham-unk 28 mg/kg MUREAV 74,166,80
cyt-ham:fbr 10 mg/L/48H MUREAV 48,337,77
cyt-ham:lng 500 ug/L JNCIAM 59,289,77
cyt-ham:ovr 500 ug/L/16H JCLLAX 74,245,69
cyt-ham:emb 10 ug/L IJCNAW 20,768,77
sce-ham:ovr 1 umol/L NATUAS 258,121,75
sce-ham:lng 80 ug/L MUREAV 130,273,84
sce-ham:emb 10 ug/L IJCNAW 20,768,77
sce-ham-unk 7 mg/kg MUREAV 74,166,80
sce-ham:fbr 30 ug/L MUREAV 104,141,82
sce-ham-ipr 25 mg/kg MUREAV 113,33,83
sce-ham-orl 25 mg/kg MUREAV 113,33,83
msc-ham:lng 200 ug/L/3H BJCAAI 39,540,79
msc-ham:emb 1 umol/L/3H MUREAV 41,351,76
msc-ham:ovr 500 ug/L/16H JCLLAX 74,245,69
msc-ham:kdy 500 ug/L GENTAE 77,309,74
msc-ham:fbr 10 umol/L CNREA8 42,389,82
dnd-gpg-orl 14700 ug/kg CRNGDP 3,1443,82
msc-dog:kdy 500 ug/L SCGTDW 4,609,78
dnd-mam:kdy 100 umol/L JTEHD6 6,333,80
dnd-mam:lym 8 umol/L CRNGDP 3,327,82
dns-frg:fbr 1 umol/L MUREAV 49,407,78
dns-mam:kdy 50 umol/L JTEHD6 6,333,80
cyt-dam:oth 1 mg/L ITCSAF 16,791,80
msc-mam:lvr 1 mg/L SCGTDW 4,647,78

REPRODUCTIVE EFFECTS DAT, AND REFERENCES:

2T34T46 ipr-mus TDLo:25 mg/kg (11D preg) TCMUD8 3,335,83
3T41T43T46 ipr-mus TDLo:40 mg/kg (10D preg) TJADAB 18,263,78
1T25 ipr-mus TDLo:40 mg/kg (10D preg) TJADAB 18,263,78
2T26T29 ipr-mus TDLo:50 mg/kg (1D pre) MUREAV 13,171,71
2T33T46 ipr-mus TDLo:50 mg/kg (11D preg) TJADAB 25(2),60A,82

TUMORIGENIC DATA AND REFERENCES:

2V01K60 orl-rat TDLo:500 ug/kg GANNA2 69,805,78
3V01G30M61 scu-rat TDLo:400 ug/kg ARTODN 45,227,80
3V03T65A60 ivn-rat TDLo:25 mg/kg (15D preg) KFIZAO 84,23,75
3V03J61P61 ivn-rat TDLo:60 mg/kg EJCAAH 16,395,80
2V01V10 par-rat TDLo:400 ug/kg ARTODN 45,227,80
2V01K61 rec-rat TDLo:128 mg/kg:32W-I JNCIAM 50,927,73
2V01K60 orl-mus TDLo:1984 mg/kg:70W-I CCLCDY 4,161,82
2V01R60 skn-mus TDLo:54 mg/kg:30W-I BANRDU 12,397,82
3V03J60L60 scu-mus TDLo:48 mg/kg BJCAAI 23,757,69
3V03K60P62 orl-dog TDLo:725 mg/kg/45W-I JCROD7 97,51,80
2V03J60 orl-rbt TDLo:743 mg/kg:26W-C HGANAO 16,321,76
2V03K60 orl-ham TDLo:592 mg/kg:27W-C CNREA8 30,1444,70
2V03K61 rec-rat TD :20 mg/kg JNCIAM 53,1093,74
2V01K60 orl-rat TD :280 mg/kg/8W-C CNREA8 43,1335,83
2V01K60 orl-rat TD :107 mg/kg/35W-C JCROD7 100,1,81
2V01K60 orl-mus TD :6220 mg/kg/88W-C CCLCDY 4,161,82
2V01K60 orl-rat TD :438 mg/kg/25W-I IJCNAW 32,253,83
3V01R60V10 par-rat TD :125 mg/kg/10W-I VOONAW 26(2),62,80
2V01K60 orl-rat TD :651 mg/kg/34W-C VOONAW 28(9),34,82
2V01K60 orl-rat TD :13500 mg/kg/78W-C JJINDB 70,1067,83
2V01K60 orl-rat TD :155 mg/kg/11W-I CNREA8 35,2469,75
2V01K60 orl-rat TD :250 mg/kg GANNA2 75,362,84

TOXICITY DATA AND REFERENCES:

orl-rat LD50:90 mg/kg ZKKOBW 91,183,78
scu-rat LD50:420 mg/kg ZEKBAI 69,103,67
2J15F12 ivn-rat LD50:80 mg/kg EJCAAH 16,395,80
" ipr-mus LD50:66 mg/kg JJINDB 62,911,79
orl-ham LD50:1070 mg/kg CALEDQ 4,241,78

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ATXKAB 28,135,71; BLFSBY 24,129,83; NUCADQ 3,109,81
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,183,74

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172,101,82

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF4220000 GUANIDINE, 1-METHYL-3-NITRO- mixed with SODIUM NITRITE (1:1)

UPDT:8401
SYN: 1-METHYL-3-NITROGUANIDINE mixed with SODIUM NITRITE (1:1) * SODIUM NITRITE mixed with 1-METHYL-3-NITROGUANIDINE (1:1)

MUTATION DATA AND REFERENCES:

dns-hmn:fbr 100 umol/L/3H IJCNAW 16,284,75

TUMORIGENIC DATA AND REFERENCES:

2V01K60 orl-rat TDLo:90 gm/kg/67W-C VOONAW 23(8),54,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GUANIDINE, N-METHYL-N-(2-PHOSPHONOOXY)ETHYL)-, (9CI) see: MF3600500

MF4230000 GUANIDINE, METHYL- mixed with SODIUM NITRITE

UPDT:8401
SYN: METHYLGUANIDINE mixed with SODIUM NITRITE (1:1) * SODIUM NITRITE mixed with METHYLGUANIDINE (1:1)

MUTATION DATA AND REFERENCES:

mma-sat 80 mmol/L GANNA2 65,45,74

TUMORIGENIC DATA AND REFERENCES:

2V02L60 orl-rat TDLo:70 gm/kg/63W-C ZKKOBW 90,87,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF4350000 GUANIDINE, MONONITRATE

UPDT:8308 CAS: 506-93-4 MW: 122.11 MOLFM: C-H5-N3 H-N-O3
SYN: GUANIDINE NITRATE * GUANIDINIL NITRATE (DOT) * UN 1467 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172,101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

GUANIDINE MONOPHOSPHATE see: MF9283000
GUANIDINE NITRATE see: MF4350000

BEST AVAILABLE

GUANIDINE NITRATE (DOT) see: MF4350000
GUANIDINE, NITRO- see: MF4600000

MF4600000 GUANIDINE, 1-NITRO-
UPDT:8401 CAS: 556-88-7 MW: 104.09 MOLFM: C-H4-N4-O2
SYN: GUANIDINE, NITRO- * NITROGUANIDINE * alpha-NITROGUANIDINE * beta-NITROGUANIDINE * NITROGUANIDINE, containing less than 20% water (DOT) * NITROGUANIDINE, DRY (DOT) * PICRITE (the explosive) * UN 0282 (DOT)
MUTATION DATA AND REFERENCES:
cyt-ham:fbr 4 gm/L/24H MUREAV 48,337,77
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MF4605000 GUANIDINE, 1-NITRO- (wet)
UPDT:8308 CAS: 556-88-7 MW: 104.09 MOLFM: C-H4-N4-O2
SYN: NITROGUANIDINE, wet with not less than 20% water (DOT) * UN 1336 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MF4615000 GUANIDINE, ((5-NITROFURFURYLIDENE)AMINO)-, SULFATE (2:1)
UPDT:8406 MW: 492.44 MOLFM: C12-H14-N10-O6 H2-O4-S
SYN: (5-NITROFURFURYLIDENEAMINO)GUANIDINE SULFATE (2:1)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:400 mg/kg JAPMA8 39,313,50

MF4620000 GUANIDINE, ((3-(5-NITRO-2-FURYL)-1-(2-(5-NITRO-2-FURYL)VINYL)ALLYLIDENE)AMINO)-
UPDT:8310 CAS: 804-36-4 MW: 360.32 MOLFM: C14-H12-N6-O6
SYN: 1,5-BIS(5-NITRO-2-FURANYL)-1,4-PENTADIEN-3-ONE, (AMINOIMINOMETHYL)HYDRAZONE * BIS(5-NITROFURFURYLIDENE)ACETONE GUANYLHYDRAZONE * sym-BIS(5-NITRO-2-FURFURYLIDENE) ACETONE GUANYLHYDRAZONE * 1,5-BIS(5-NITRO-2-FURYL)-3-PENTADIENONE AMIDINONHYDRAZONE * 1,5-BIS(5-NITRO-2-FURYL)-3-PENTADIENONE GUANYLHYDRAZONE * DIFURAN * DIFURAZONE * ((3-(5-NITRO-2-FURYL)-1-(2-(5-NITRO-2-FURYL)VINYL)ALLYLIDENE)AMINO)GUANIDINE * PANAZON * PANAZONE * PAYZONE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:5330 mg/kg PMDCAY 5,320,67
ipr-mus LD50:300 mg/kg PMDCAY 5,320,67
scu-mus LD50:3750 mg/kg PMDCAY 5,320,67
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 31,185,83

MF4623000 GUANIDINE, NITRO-, NITRATE
UPDT:8308 MW: 104.09 MOLFM: C-H4-N4-O2
SYN: NITROGUANIDINE NITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

MF4630000 GUANIDINE, 3-NITRO-1-NITROSO-1-PENTYL-
UPDT:8406 CAS: 13010-10-1 MW: 203.24 MOLFM: C6-H13-N5-O3
SYN: 1-NITROSO-3-NITRO-1-PENTYLGUANIDINE * 1-PENTYL-3-NITRO-1-NITROSOGUANIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate IDZAAW 50,403,75
mmo-esc 5 mg/L ESKHA5 88,118,70
pic-esc 10 mg/L ESKHA5 88,118,70
dnr-smc 2 umol/well IDZAAW 50,403,75
cyt-ham:fbr 30 mg/L/24H MUREAV 48,337,77
cyt-ham:lng 16 mg/L GMCRDC 27,95,81
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:69 mg/kg/5W-I GANNA2 69,277,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF4640000 GUANIDINE, 1-NITRO-3-NITROSO-1-PROPYL-
UPDT:8405 MW: 175.18 MOLFM: C4-H9-N5-O3
SYN: 3-NITROSO-1-NITRO-1-PROPYLGUANIDINE * PNNG * N-PROPYL-N'-NITRO-N-NITROSOGUANIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 300 nmol/L ENMUDM 3,11,81
mmo-esc 300 nmol/L ENMUDM 3,11,81
dns-rat-orl 1 gm/kg BANRDU 13,123,82
dns-rat:lvr 10 umol/L ENMUDM 3,11,81
cyt-ham:fbr 30 mg/L/24H MUREAV 48,337,77
cyt-ham:lng 10 mg/L GMCRDC 27,95,81
TUMORIGENIC DATA AND REFERENCES:
2V02K60 orl-rat TDLo:2172 mg/kg/52W-C GANNA2 70,181,79
2V03V10 scu-rat TDLo:60 mg/kg/5W-I GANNA2 69,277,78
2V02K60 orl-rat TD :2172 mg/kg/52W-C JCROD7 94,201,79
2V03K60 orl-rat TD :3080 mg/kg/44W-C JCROD7 98,153,80
2V03K60 orl-rat TD :3665 mg/kg/44W-C NIPAA4 76,1253,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF4643000 GUANIDINE, 3-NITRO-1-NITROSO-1-PROPYL-
UPDT:8401 CAS: 13010-07-6 MW: 175.18 MOLFM: C4-H9-N5-O3
SYN: 3-NITRO-1-NITROSO-1-PROPYLGUANIDINE * N-NITROSO-N'-NITRO-N-PROPYLGUANIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate IDZAAW 50,403,75
mmo-esc 5 mg/L ESKHA5 88,118,70
pic-esc 500 ug/L ESKHA5 88,118,70
mmo-omi 500 ppm SOGEBZ 11,183,75
dnr-smc 2 umol/well IDZAAW 50,403,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

MF4725000 GUANIDINE, NITROSO-
UPDT:8406 CAS: 674-81-7 MW: 88.09 MOLFM: C-H4-N4-O
SYN: INITIATING EXPLOSIVE NITROSOGUANIDINE (DOT) * NITROSOGUANIDIN (German) * NITROSOGUANIDINE * NITROSOGUANIDINE (DOT) * N-NITROSOGUANIDINE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:21 mg/kg TXAPA9 23,288,72
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82

MF5350000 GUANIDINE, ((OCTAHYDRO-2-AZOCINYL)METHYL)-, SULFATE, HYDRATE
UPDT:8408 CAS: 42839-36-1 MW: 300.43 MOLFM: C9-H20-N4 H2-O4-S H2-O
SYN: CAINEGYT * EGYT 739 * GUANAZODINE SULFATE MONOHYDRATE * ((OCTAHYDRO-2-AZOCINYL)METHYL)GUANIDINE SULFATE HYDRATE * SANEGYT
TOXICITY DATA AND REFERENCES:
3D28F17K12 orl-rat LD50:3550 mg/kg OYYAA2 14,235,77
3D28F17K12 ipr-rat LD50:970 mg/kg OYYAA2 14,235,77
3D28F17K12 ivn-rat LD50:190 mg/kg OYYAA2 14,235,77
3D28F17K12 ims-rat LD50:1080 mg/kg OYYAA2 14,235,77
* orl-mus LD50:2450 mg/kg USXXAM #3856778
* scu-mus LD50:700 mg/kg USXXAM #3856778
3D28F17K12 ivn-mus LD50:100 mg/kg OYYAA2 14,235,77
3D28F17K12 ims-mus LD50:1240 mg/kg OYYAA2 14,235,77

MF5550000 GUANIDINE, ((4-OXO-2,5-CYCLOHEXADIEN-1-YLIDENE)AMINO)-, THIOSEMICARBAZONE
UPDT:8403 CAS: 539-21-9 MW: 237.32 MOLFM: C8-H11-N7-S
SYN: AMBAZON * AMBAZONE * ANGINON * 1-AMIDINOHYDRAZONO-4-THIOSEMICARBAZONO-2,5-CYCLOHEXADIENE * p-BENZOQUINONE AMIDINOHYDRAZONE THIOSEMICARBAZONE * BENZOQUINONE GUANYLHYDRAZONE THIOSEMICARBAZONE * DC 0572 * FARINGOSEPT * GUANQTHIAZON * HYDRAZINECARBOTHIOAMIDE, 2-(4-(AMINOIMINOMETHYL)HYDRAZONO)-2,5-CYCLOHEXADIEN-1-YLIDENE) * INVERSAL * IVERSAL * IVERTOL * ((4-OXO-2,5-CYCLOHEXADIEN-1-YLIDENE)AMINO)GUANIDINE THIOSEMICARBAZONE * PRIMAL * PROMASSOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:750 mg/kg NIIRDN 6,57,82
* ipr-rat LD50:200 mg/kg NIIRDN 6,57,82
* orl-mus LD50:1000 mg/kg NIIRDN 6,57,82
* orl-gpg LD50:80 mg/kg NIIRDN 6,57,82

GUANIDINE, (3-PHENYLPROPOXY)-, compd. with CYCLOHEXANESULFAMIC ACID see: GV7420000

MF5962500 GUANIDINE, (2-PIPERIDINOETHYL)-, SULFATE (2:1)
UPDT:8408 MW: 438.68 MOLFM: C16-H36-N8 H2-O4-S
SYN: (2-PIPERIDINOETHYL)GUANIDINE HEMISULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:228 mg/kg YKKZAJ 84,421,64

MF5970000 GUANIDINE, 2-SELENOETHYL-
UPDT:7901 CAS: 57897-99-1 MW: 166.11 MOLFM: C3-H9-N3-Se
SYN: 2-SELENOETHYLGUANIDINE * SELENOMERCAPTOAETHYLGUANIDIN (German) * Se-MEG
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:55 mg/kg STRAAA 151,78,76
scu-mus LD50:120 mg/kg STRAAA 151,78,76
ivn-mus LD50:48 mg/kg STRAAA 151,78,76
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

GUANIDINE, SULFANILYL- see: WO8575000

MF6500000 GUANIDINE, 1-(1-(1,1,3,3-TETRAMETHYLBUTYL)-3-AZETIDINYL)-
UPDT:8309 MW: 226.42 MOLFM: C12-H26-N4
SYN: AZ 95 * 1-(1-(1,1,3,3-TETRAMETHYLBUTYL)-3-AZETIDINYL)GUANIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:55 mg/kg TAKHAA 31,453,72

MF6554000 GUANIDINE, (2-(2,2,6,6-TETRAMETHYLPIPERIDINO)ETHYL)-, SULFATE (2:1)
UPDT:8405 MW: 550.92 MOLFM: C24-H52-N8 H2-S-O4
SYN: EX 4489 * (2-(2,2,6,6-TETRAMETHYLPIPERIDINO)ETHYL)GUANIDINE SULFATE (2:1)
TOXICITY DATA AND REFERENCES:
2E05H15 ivn-dog LDLo:20 mg/kg JPMSAS 53,24,64

MF6570000 GUANIDINE, 1,1,3,3-TETRAMETHYL-, MONOHYDROCHLORIDE
UPDT:8303 CAS: 1729-17-5 MW: 151.67 MOLFM: C5-H13-N3-Cl-H
SYN: HF-2 * 1,1,3,3-TETRAMETHYLGUANIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F07F12 ipr-mus LDLo:250 mg/kg AIPTAK 175,193,68

MF6682000 GUANIDINE, 1,2,3-TRIAMINO-, MONONITRATE
UPDT:8312 CAS: 4000-16-2 MW: 166.16 MOLFM: C-H8-N6-N-O3
SYN: CARBONOHYDRAZONIC DIHYDRAZIDE, MONONITRATE (9CI) * TAGN * TRIAMINOGUANIDINE NITRATE
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate NTIS** AD-A064-950
mma-sat 500 ug/plate NTIS** AD-A064-950
dns-hmn:emb 10 mg/L NTIS** AD-A064-950
msc-mus:lym 1 gm/L NTIS** AD-A064-950
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T26 ipr-rat TDLo:8 gm/kg (6-15D preg) NTIS** AD-A095-424
1T34 ipr-rat TDLo:2 gm/kg (6-15D preg) NTIS** AD-A095-424
TOXICITY DATA AND REFERENCES:
3G10M01H02 ivn-mus LD50:3650 mg/kg NTIS** AD-A039-514
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF6740000 GUANIDINE, 1-(1-(3,3,5-TRIMETHYLCYCLOHEXYL)-3-AZETIDINYL)-
UPDT:8309 MW: 238.43 MOLFM: C13-H26-N4
SYN: AZ 93 * 1-(1-(3,3,5-TRIMETHYLCYCLOHEXYL)-3-AZETIDINYL)GUANIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg TAKHAA 31,453,72

MF6750000 GUANIDINE, (2,4,6-TRINITROPHENYL)-, dry
UPDT:8308 MW: 270.19 MOLFM: C7-H6-N6-O6
SYN: 2,4,6-TRINITROPHENYLGUANIDINE, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

p-GUANIDINOBENZOIC ACID 4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL ESTER see: DH1422000
p-GUANIDINOBENZOIC ACID p-NITROPHENYL ESTER see: DH1425000
N-(2-GUANIDINO ETHYL)HEPTAMETHYLENIMINE SULFATE see: MF3150000

MF8200000 5'-GUANILIC ACID, DISODIUM SALT, mixed with DISODIUM 5'-INOSINATE
UPDT:8310 MW: 785.41 MOLFM: C10-H12-N4-O8-P 2Na C10-H11-N4-O8-P 2Na
SYN: DISODIUM 5'-GUANYLATE mixed with DISODIUM 5'-INOSINATE (1:1) * DISODIUM 5'-INOSINATE mixed with DISODIUM 5'-GUANYLATE (1:1) * DISODIUM 5'-RIBONUCLEOTIDE * 5'-INOSINIC ACID, DISODIUM SALT, mixed with DISODIUM 5'-GUANYLATE (1:1) * RB
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T76T81 orl-rat TDLo:8750 mg/kg (MGN) TXCYAC 3,333,75
TOXICITY DATA AND REFERENCES:
2J25J30 ivn-mus LD50:3800 mg/kg TAKHAA 33,24,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF8260000 GUANINE
UPDT:8412 CAS: 73-40-5 MW: 151.15 MOLFM: C5-H5-N5-O
SYN: 2-AMINOHYPOXANTHINE * MEARLMAID
MUTATION DATA AND REFERENCES:
cyt-mus-ipr 15 mg/kg NULSAK 19,40,76
TUMORIGENIC DATA AND REFERENCES:
3V03R60T63 scu-rat TDLo:1300 mg/kg/26W-I CNREA8 27,925,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

GUANINE DEOXYRIBOSIDE see: MF8760000

MF8407000 GUANINE, 9-((2-HYDROXY-1-(HYDROXYMETHYL)ETHOXY)METHYL)-
UPDT:8402 CAS: 82410-32-0 MW: 255.27 MOLFM: C9-H13-N5-O4
SYN: BIOLF-62 * DHPG * 9-((1,3-DIHYDROXY-2-PROPOXY)METHYL)GUANINE * 6H-PURIN-6-ONE, 2-AMINO-1,9-DIHYDRO-9-((2-HYDROXY-1-(HYDROXYMETHYL)ETHOXY)METHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg JMCMAR 26,759,83

MF8410000 GUANINE, 3-HYDROXY-1-METHYL-
UPDT:8401 CAS: 63885-07-4 MW: 181.18 MOLFM: C6-H7-N5-O2
SYN: 3-HYDROXY-1-METHYLGUANINE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:96 mg/kg/8W-I CNREA8 33,1113,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

BEST COPY AVAILABLE

MF8412000 GUANINE, 3-HYDROXY-7-METHYL-
UPDT:8401 CAS: 30345-27-8 MW: 181.18 MOLFM: C6-H7-N5-O2
SYN: 2-AMINO-3-HYDROXY-1,7-DIHYDRO-7-METHYL-6H-PURIN-6-ONE * 3-HYDROXY 7-METHYLGUANINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:96 mg/kg/8W-I CNREA8 33,1113,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF8414000 GUANINE, 3-HYDROXY-9-METHYL-
UPDT:8401 CAS: 30345-28-9 MW: 181.18 MOLFM: C6-H7-N5-O2
SYN: 2-AMINO-3-HYDROXY-1,7-DIHYDRO-8-METHYL-6H-PURIN-6-ONE * 3-HYDROXY-9-METHYLGUANINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:96 mg/kg/8W-I CNREA8 33,1113,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF8464000 GUANINE, 7-METHYL-
UPDT:8305 CAS: 578-76-7 MW: 165.18 MOLFM: C6-H7-N5-O
SYN: 7-METHYLGUANINE * N(sup 7)-METHYLGUANINE * 3H-PURIN-6-ONE, 2-AMINO-1,7-DIHYDRO-7-METHYL- (9CI)
MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583,72

MF8585000 GUANINE 7-N-OXIDE
UPDT:8401 CAS: 5227-68-9 MW: 167.15 MOLFM: C5-H5-N5-O2
SYN: 7-HYDROXYGUANINE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:390 mg/kg/26W-I CNREA8 27,925,67
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:95 mg/kg ADTEAS 3,181,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF8590000 GUANINE-3-N-OXIDE, HEMIHYDROCHLORIDE
UPDT:8401 MW: 115.33 MOLFM: C5-H5-O2 1/2Cl-H
TUMORIGENIC DATA AND REFERENCES:
3V02L60V10 scu-rat TDLo:1040 mg/kg/24W-I CNREA8 30,184,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
GUANINE, 9-beta-D-RIBOFURANOSYL- see: MF8750000
GUANINE RIBOSIDE see: MF8750000
GUANINE, THIO- see: UP0740000
GUANIOL see: RG5830000
GUANOCTINE see: MF3624000

MF8750000 GUANOSINE
UPDT:8305 CAS: 118-00-3 MW: 283.28 MOLFM: C10-H13-N5-O5
SYN: GR * GUANINE, 9-beta-D-RIBOFURANOSYL- * GUANINE RIBOSIDE * 2(3H)-IMINO-9-beta-D-RIBOFURANOSYL-9H-PURIN-6(1H)-ONE * INOSINE, 2-AMINO- * RIBOFURANOSIDE, GUANINE-9, beta-D- * 9-beta-D-RIBOFURANOSYLGUANINE * VERNINE * USAF CB-11
MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583,72
oms-hmn:oth 1 mmol/L HDEAE 65,52,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T59 ipr-mus TDLo:1 gm/kg (13D preg) JJPAAZ 22,201,72
2T34T35 ipr-mus TDLo:750 mg/kg (13D preg) JJPAAZ 22,201,72
1T46 ipr-mus TDLo:750 mg/kg (10D preg) JJPAAZ 22,201,72
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg NTIS** AD277-689
ivn-mus LD50:180 mg/kg CSLNX* NX#03206
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MF8752000 GUANOSINE, 2'-AMINO-2'-DEOXY-
UPDT:8306 MW: 269.28 MOLFM: C9-H13-N6-O4
SYN: 2AG * 2'-AMINO-2'-DEOXYGUANOSINE * 2'-DEOXY-2'-AMINOGUANOSINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:2000 mg/kg CPBTAL 27,765,79

MF8760000 GUANOSINE, 2'-DEOXY-
UPDT:8308 CAS: 961-07-9 MW: 267.28 MOLFM: C10-H13-N5-O4
SYN: DEOXYGUANOSINE * 2'-DEOXYGUANOSINE * GUANINE DEOXYRIBOSIDE
MUTATION DATA AND REFERENCES:
dni-ham:lng 1 mmol/L BICMBE 64,809,82
msc-ham:lng 1 mmol/L BICMBE 64,809,82
dnd-mam:lym 50 mmol/L PNASA6 48,686,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
GUANOSINE, 2'-DEOXY-6-THIO- (9CI) see: UP0750000
GUANOSINE, 9-((2-HYDROXYETHOXY)METHYL)- see: UO7504000

MF8790000 GUANOSINE, O-METHYL-
UPDT:8303 MW: 299.33 MOLFM: C11-H17-N5-O5
SYN: O-METHOXYDEOXYGUANOSINE * O-METHYLGUANOSINE
MUTATION DATA AND REFERENCES:
dnd-ham:lng 2400 nmol/L ENMUDM 4,321,82
GUANOSINE MONOPHOSPHATE see: MF9283000
GUANOSINE 5'-MONOPHOSPHATE see: MF9283000
GUANOSINE 5'-MONOPHOSPHORIC ACID see: MF9283000
GUANOSINE 5'-PHOSPHATE see: MF9283000

MF8793000 GUANOSINE, 5'-(TETRAHYDROGEN TRIPHOSPHATE)
UPDT:8307 CAS: 86-01-1 MW: 523.22 MOLFM: C10-H16-N5-O14-P3
SYN: GTP * 5'-GTP * GUANOSINE TRIPHOSPHATE * GUANOSINE 5'-TRIPHOSPHATE * GUANOSINE 5'-TRIPHOSPHORIC ACID
MUTATION DATA AND REFERENCES:
oms-hmn:oth 100 umol/L JIDEAE 65,52,75
GUANOSINE TRIPHOSPHATE see: MF8793000
GUANOSINE 5'-TRIPHOSPHATE see: MF8793000
GUANOSINE 5'-TRIPHOSPHORIC ACID see: MF8793000
GUANOTHIAZON see: MF5550000
GUANYL HYDRAZINE see: ME8225000
GUANYLHYDRAZINE HYDROCHLORIDE see: ME8430000
GUANYLIC ACID see: MF9283000

MF9283000 5'-GUANYLIC ACID
UPDT:8401 CAS: 85-32-5 MW: 363.26 MOLFM: C10-H14-N5-O8-P
SYN: GMP * 5'-GMP * GUANIDINE MONOPHOSPHATE * GUANOSINE MONOPHOSPHATE * GUANOSINE 5'-MONOPHOSPHATE * GUANOSINE 5'-MONOPHOSPHORIC ACID * GUANOSINE 5'-PHOSPHATE * GUANYLIC ACID
MUTATION DATA AND REFERENCES:
oms-hmn:oth 1 mmol/L JIDEAE 65,52,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MF9290000 5'-GUANYLIC ACID, DISODIUM SALT
UPDT:8402 CAS: 5550-12-9 MW: 409.24 MOLFM: C10-H14-N5-O8-P-2Na
SYN: DISODIUM GMP * DISODIUM 5'-GMP * DISODIUM 5'-GUANYLATE * GMP DISODIUM SALT * 5'-GMP DISODIUM SALT * GMP SODIUM SALT * GUANYLIC ACID SODIUM SALT * SODIUM GMP * SODIUM GUANOSINE 5'-MONOPHOSPHATE * SODIUM GUANYLATE * SODIUM 5'-GUANYLATE
TOXICITY DATA AND REFERENCES:
3F12J22K12 ipr-rat LD50:3880 mg/kg TXCYAC 2,185,74
3F07F12J22 scu-rat LD50:3400 mg/kg TXCYAC 2,185,74
3F07F12J22 ivn-rat LD50:2720 mg/kg TXCYAC 2,185,74
3F12J22K12 ipr-mus LD50:5010 mg/kg TXCYAC 2,185,74
3F07F12J22 scu-mus LD50:5050 mg/kg TXCYAC 2,185,74
3F07F12J22 ivn-mus LD50:3580 mg/kg TXCYAC 2,185,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
GUANYLIC ACID SODIUM SALT see: MF9290000
GUANYL NITROSAMINE GUANYLIDENE HYDRAZINE, containing, by weight, at least 30% water (DOT) see: DU2840000
GUANYL NITROSAMINO GUANYLIDENE HYDRAZINE (DOT) see: DU2840000
GUANYL NITROSAMINO GUANYLIDENE HYDRAZINE, dry (DOT) see: DU2840000
GUANYL NITROSAMINO GUANYL TETRAZENE see: XF6900000
GUANYL NITROSAMINO GUANYL TETRAZENE, containing, by weight, at least 30% water (DOT) see: XF6900000
GUANYL NITROSAMINO GUANYL TETRAZENE (DOT) see: XF6900000
1-GUANYL-4-NITROSAMINOGUANYLTETRAZENE see: XF6900000
N(sup 1)-GUANYLSULFANILAMIDE see: WO8575000
GUAR see: MG0185000
GUARAN see: MG0185000
GUARANINE see: EV6475000
GUAR FLOUR see: MG0185000

MG0185000 GUAR GUM
UPDT:8412 CAS: 9000-30-0
SYN: 1212A * A 20D * BURTONITE V-7-E * CYAMOPSIS GUM * DEALCA TP1 * DEALCA TP2 * DECORPA * GALACTASOL * GENDRIV 162 * GUAR * GUARAN * GUAR FLOUR * GUM CYAMOPSIS * GUM GUAR * INDALCA AG * INDALCA AG-BV * INDALCA AG-HV * JAGUAR * JAGUAR 6000 * JAGUAR A 20 B * JAGUAR A 20D * JAGUAR A 40F * JAGUAR GUM A-20-D * JAGUAR No.124 * JAGUAR PLUS * J 2Fp * LYCOID DR * NCI-C50395 * REGONOL * REIN GUARIN * SUPERCOL G F * SUPERCOL U POWDER * SYNGUM D 46D * UNI-GUAR
TOXICITY DATA AND REFERENCES:
1U01 orl-rat LD50:7060 mg/kg FCTXAV 19,287,81
orl-mus LD50:8100 mg/kg FDRLI* 124-,-76
orl-rbt LD50:7000 mg/kg FDRLI* 124-,-76
orl-ham LD50:6000 mg/kg FDRLI* 124-,-76
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NTPTR* NTP-TR-229,82)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
GUASTIL see: BZ3400000

MG0195000 GUAVA
DEF:Material extracted with hot water from the unripe fruits of P. guajava (JNCIAM 60,683,78)
UPDT:8401
SYN: PSIDIUM GUAJAVA
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:10 gm/kg/72W-I JNCIAM 60,683,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
GUAYANESIN see: TY8400000
GUAZATINE see: MF3624000

MG0213300 GUAZUMA TOMENTOSA Kunth, extract excluding roots
DEF:Indian plant belonging to the family STERCULIACEAE (IJEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:15 mg/kg IJEBA6 12,512,74
GUBERNAL see: UA5425000
GUDHAL EXTRACT (Indian) see: MR1843200
GUESAPON see: KJ3325000
GUESAROL see: KJ3325000
GUGUL EXTRACT (Indian) see: GK1189000
GUIAPHENESIN see: TY8400000
GUICITRINA see: XH8350000
GUICITRINE see: XH8350000
GUIGNET'S GREEN see: GB6475000
GUINEA GREEN see: BQ4375000
GUINEA GREEN B see: BQ4375000
GUINEA GREEN BA see: BQ4375000
GULAR GALL EXTRACT (Indian) see: LK4030000
GULF S-15126 see: OO3737000
GULLIOSTIN see: KK7450000
GUM see: TQ2690000
GUM ACACIA see: CE5945000
GUMA EXTRACT (Indian) see: OH2809000
GUM ARABIC see: CE5945000
GUM CAMPHOR see: EX1225000
GUM CARRAGEENAN see: FI0700000
GUM CHON 2 see: FI0700000
GUM CHOND see: FI0700000
GUM CHROND see: FI0700000
GUM CYAMOPSIS see: MG0185000
GUM GUAR see: MG0185000
GUMMIFERIN see: NZ8173500
GUM NAFKACRYSTAL see: VL8020000
GUM OVALINE see: CE5945000
GUM SENEGAL see: CE5945000

MG1017000 GUM TARA
UPDT:8412 CAS: 39300-88-4
SYN: NCI-C54364 * TARA GUM
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NTPTR* NTP-TR-224,82)
GUM TRAGACANTH see: XW7750000
GUNCOTTON see: QW0970000
GUNCOTTON (DOT) see: QW0970000
GUNPOWDER see: TT3710000
GURMAL EXTRACT (Indian) see: MR1843200

MG1035000 GURJUN BALSAM
UPDT:8305 CAS: 8030-55-5
SYN: BALSAM GURJUN * EAST INDIAN COPAIBA * WOOD OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,789,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
GURKUL-KANTA EXTRACT (Indian) see: AA8245000
GURONSAN see: LZ8930000
GURSAKRI EXTRACT (Indian) see: ME2910550
GURUR RHIZOME EXTRACT (Indian) see: JU8240000
GUSATHION see: TE1925000
GUSATHION A see: TD8400000
GUSATHION M see: TE1925000

BEST COPY AVAILABLE

*U.S. GOVERNMENT PRINTING OFFICE: 1984-447-416

asn—Aspergillus nidulans
ast—Ascites tumor
bcs—Bacillus subtilis
bfa—body fluid assay
bmr—bone marrow
brd—bird (domestic or lab)
bwd—wild bird species
C—continuous
cat—cat
cc—cubic centimeter
chd—child
ckn—chicken
CL—ceiling concentration
clr—Chlamydomonas reinhardi
ctl—cattle
D—day
dck—duck
DEF—definition
dlt—dominant lethal test
dmg—Drosophila melanogaster
dnd—DNA damage
dni—DNA inhibition
dnr—DNA repair
dns—unscheduled DNA synthesis
dog—dog
dom—domestic animal (goat, sheep)
DOT—Department of Transportation
dpo—Drosophila pseudo-obscura
emb—embryo
EPA—Environmental Protection Agency
esc—Escherichia coli
eug—Euglena gracilis
eye—administration into eye (irritant)
fb—fiber
fbr—fibroblast
frg—frog
gm—gram
gpg—guinea pig
grb—gerbil
H—hour
ham—hamster
hla—HeLa cell
hma—host-mediated assay
hmi—Haemophilus influenzae
hmn—human
hor—horse, donkey
I—intermittent
ial—intraaural
IARC—International Agency for Research on Cancer
iat—intraarterial
ice—intracerebral
icv—intracervical
idr—intradermal
idu—intraduodenal
ihl—inhalation
imm—immersion
imp—implant
ims—intramuscular
inf—infant
ipc—intraplacental
ipl—intrapleural
ipr—intraperitoneal
irn—intrarenal
isp—intraspinal
itr—intratracheal
itt—intratesticular
iut—intrauterine
ivg—intravaginal
ivn—intravenous
kdy—kidney
kg—kilogram
klp—Klebsiella pneumoniae
L—liter
LC50—lethal concentration 50 percent kill
LCLo—lowest published lethal concentration
LD50—lethal dose 50 percent kill
LDLo—lowest published lethal dose
leu—leukocyte
lng—lung
lvr—liver
lym—lymphocyte
M—minute
m3—cubic meter
mam—mammal (species unspecified)
man—man
mg—milligram (one thousandth of a gram; 10^{-3} gram)
MGN—multigeneration
mky—monkey
ml—milliliter
MLD—mild irritation effects
mma—microsomal mutagenicity assay
mmo—mutation in microorganisms
mmol—millimole
mmr—mammary gland
mnt—micronucleus test
MOD—moderate irritation effects
mol—mole
mppcf—million particles per cubic foot
mrc—gene conversion and mitotic recombination
msc—mutation in mammalian somatic cells
mui—multiple routes
mus—mouse
ng—nanogram (one billionth of a gram; 10^{-9} gram)
nmi—non-mammalian species
nmol—nanomole
nsc—Neurospora crassa
nse—non-standard exposure
OBS—obsolete (trade name)
ocu—ocular
ofs—other fish
omi—other microorganisms
oms—other mutation test systems
oin—other insects
open—open irritation test
orl—oral
ORM—Other Regulated Material (DOT)
OSHA—Occupational Safety and Health Administration
oth—other cell types
otr—oncogenic transformation
ovr—ovary
par—parenteral
pg—picogram (one trillionth of a gram; 10^{-12} gram)
pgn—pigeon
pic—phage inhibition capacity
pig—pig
Pk—peak concentration
pmol—picomole
post—after birth
ppb—parts per billion (v/v)
pph—parts per hundred (v/v) (percent)
ppm—parts per million (v/v)
ppt—parts per trillion (v/v)
pre—prior to mating
preg—pregnant
qal—quail
rat—rat
rbt—rabbit
rec—rectal
recm std—NIOSH recommended standard
rns—rinsed with water
S—second
sal—salmon
sat—Salmonella typhimurium
sce—sister chromatid exchange
SCP—Standards Completion Program
scu—subcutaneous
SEV—severe irritation effects
skn—administration onto skin
sln—sex chromosome loss and nondisjunction
slt—specivfic locus test
slw—silkworm
smc—Saccharomyces cerevisiae
spm—sperm morphology
spr—sperm
sql—squirrel
srm—Serratia marcescens
ssp—Schizosaccaromyces pombe
STEL—short term exposure limit
TC—toxic concentration
TCLo—lowest published toxic concentration
TD—toxic dose
TDLo—lowest published toxic dose
tes—testis
TLV—Threshold Limit Value
tod—toad
trk—turkey
trn—heritable translocation test
TWA—time-weighted average
ug—microgram (one millionth of a gram; 10^{-6} gram)
umol—micromole
unk—unreported
W—week
wmn—woman
Y—year
%—percent

BEST COPY AVAILABLE

THIS PUBLICATION IS A CUMULATIVE SUPPLEMENT TO THE 1981-82 EDITION OF THE REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS)

The Registry is not a static collection of data. It undergoes constant change as both new substances and new data for listed substances are entered. The Registry's quality control program verifies and corrects cited data, resulting in the modification or deletion of individual data lines or entire substance entries.

This edition is a cumulative supplement to the last full printed edition of RTECS (1981-82). It contains substances added to the file and substances for which changes were made in the data between January 1983 and January 1985. Since this edition is a cumulative supplement, the data from the 1983 Supplement is included; however, the 1981-82 Edition of RTECS must still be used if access to the full Registry is needed.

Because the complete Registry is no longer published annually in book form, the most current versions of the RTECS file remain the on-line data base (available through both the National Library of Medicine—MEDLARS—and the Chemical Information System—CIS) and the latest quarterly microfiche issue. Appendix V contains information about subscribing to and interrogating the computerized system; Appendix VI information on subscribing to the microfiche edition.

DHHS(NIOSH) Publication No. 86-103

986

BEST COPY AVAILABLE